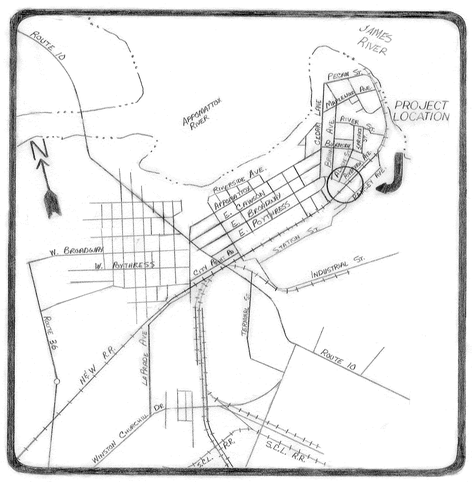
IMPROVEMENTS TO EAST BROADWAY STREET BRIDGE & LEVIN D. JAMES UNDERPASS

HOPEWELL, VIRGINIA



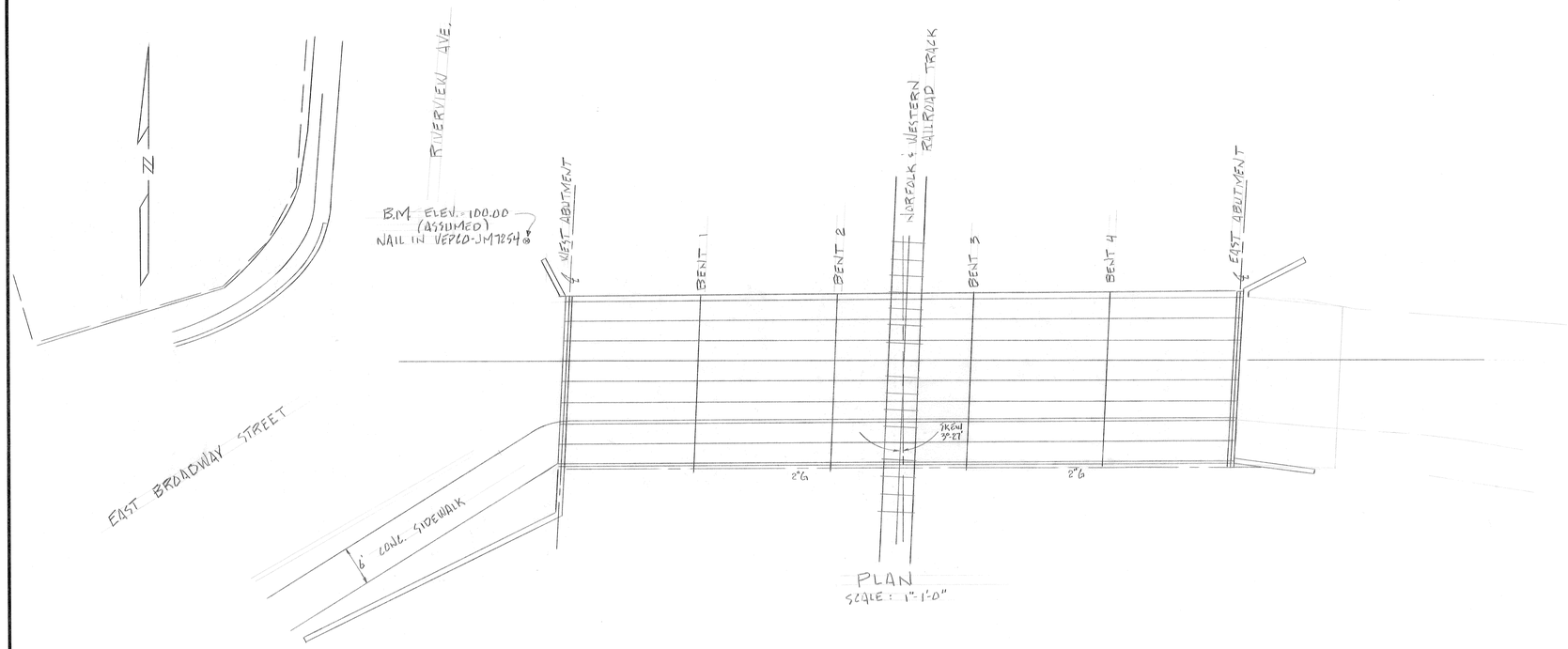
VICINITY MAP
SCALE 1"=2000'

CLINTON H. STRONG
CITY MANAGER

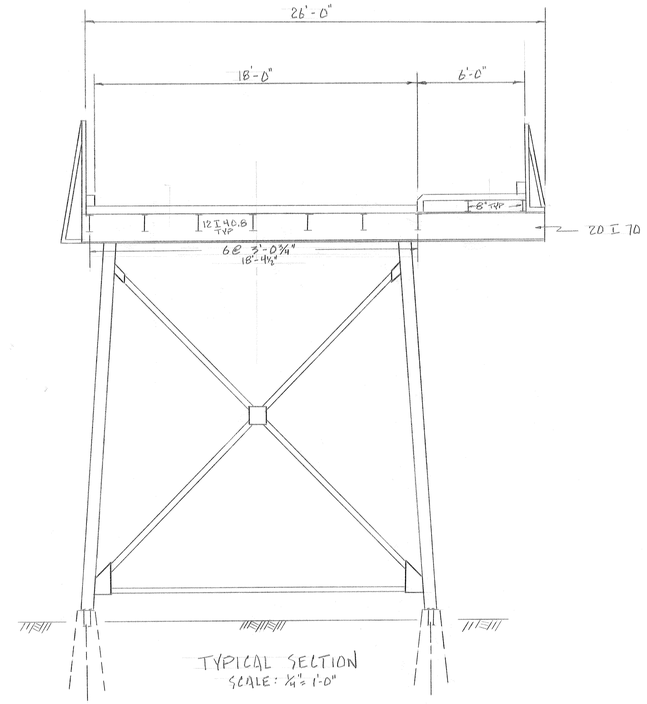
_____ _____
date

FRED E. HUGHES, JR., P.E.
DIRECTOR OF ENGINEERING AND INSPECTIONS

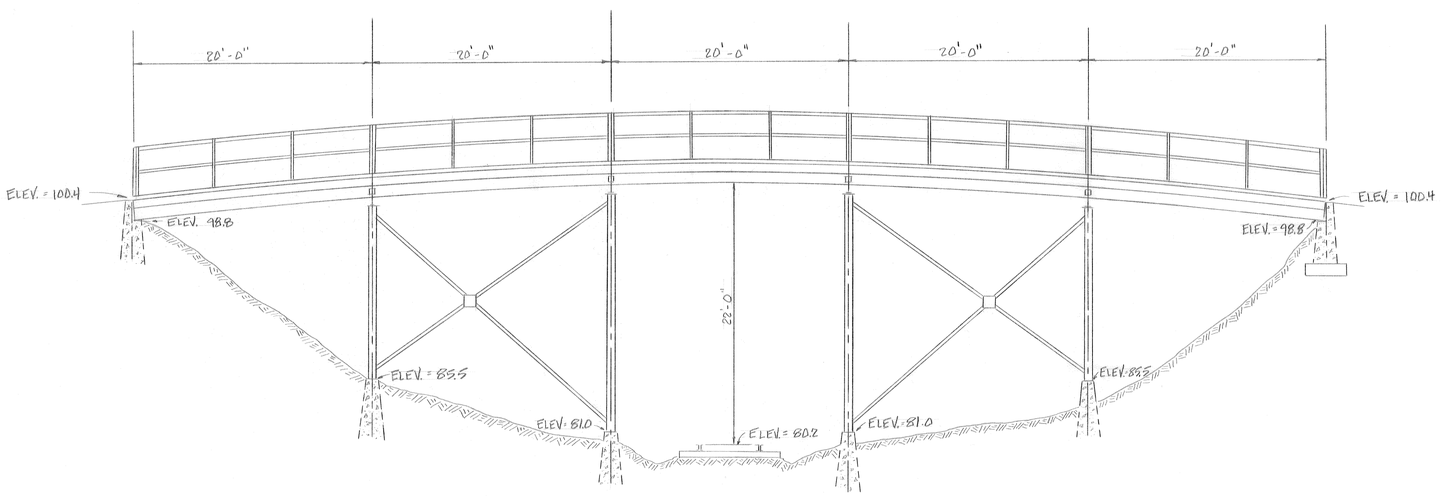
_____ _____
date



PLAN
SCALE: 1" = 1'-0"



TYPICAL SECTION
SCALE: 1/4" = 1'-0"



SOUTH ELEVATION
SCALE: 1" = 6'-0"

GENERAL NOTES

SPECIFICATIONS:
MATERIALS AND WORKMANSHIP ARE TO CONFORM WITH THE VIRGINIA DEPARTMENT OF HIGHWAYS AND TRANSPORTATION, ROAD AND BRIDGE SPECIFICATIONS, AND THE SPECIAL PROVISIONS.

CONCRETE:
ALL CONCRETE SHALL BE CLASS A3 ($f'c$ = 3000 PSI) UNLESS OTHERWISE NOTED.

REINFORCING STEEL:
REINFORCING STEEL SHALL CONFORM TO A.S.T.M. DESIGNATION A-615 (f_y = 40,000 PSI) ALL SPLICES SHALL BE LAPPED A MINIMUM OF 24 BAR DIAMETERS UNLESS OTHERWISE NOTED. MINIMUM COVER FOR ANY SHALL BE 2" UNLESS OTHERWISE NOTED.

STRUCTURAL STEEL:
ALL STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. DESIGNATION A-36.

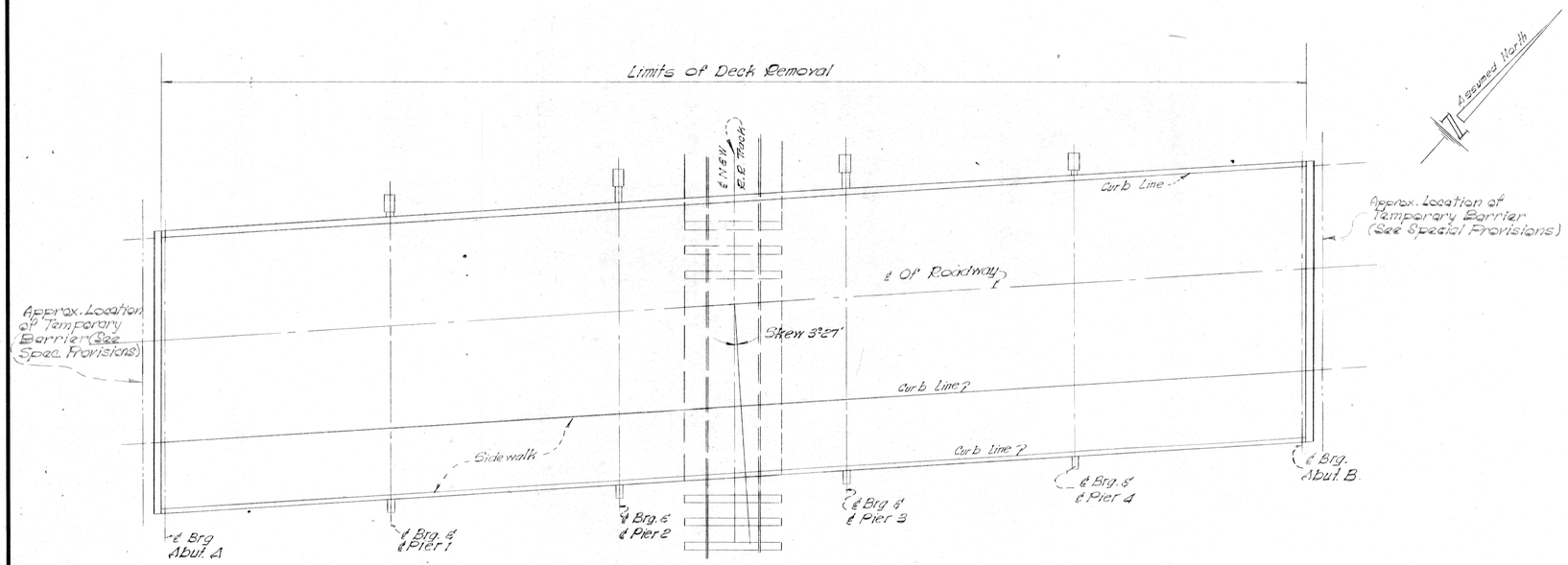
PAINTING OF NEW AND EXISTING STRUCTURAL STEEL:
ALL NEW AND EXISTING STRUCTURAL STEEL SHALL BE CLEANED AND PAINTED IN ACCORDANCE WITH THE SPECIFICATIONS.

CHAMFER:
ALL EXPOSED CORNERS OF CONCRETE SHALL BE CHAMFERED 3/4" x 3/4" WITH MILLED CHAMFER STRIPS EXCEPT WHERE INDICATED BY THE FOLLOWING NOTATION ON THE PLANS "DO NOT CHAMFER"

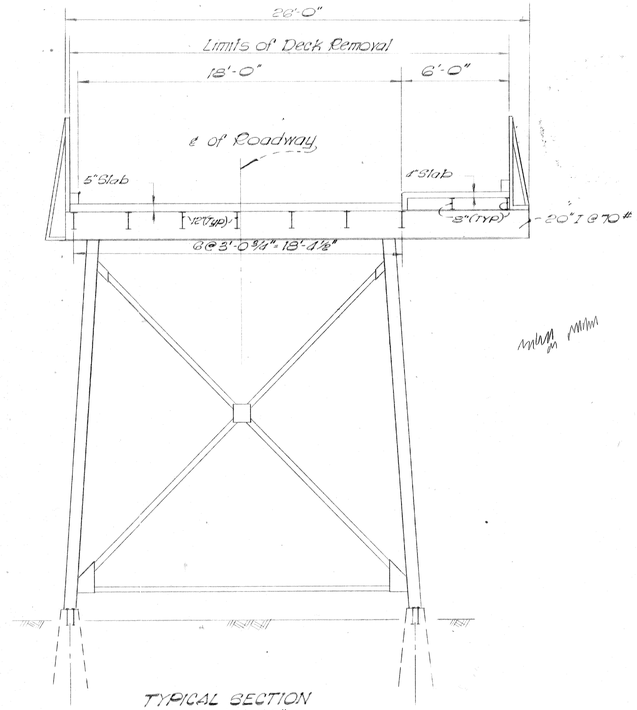
IMPROVEMENTS TO
EAST BROADWAY STREET BRIDGE

SCALE: AS SHOWN	APPROVED BY:	DRAWN BY: K. HICKEY
DATE: -		REVISED
		DRAWING NUMBER

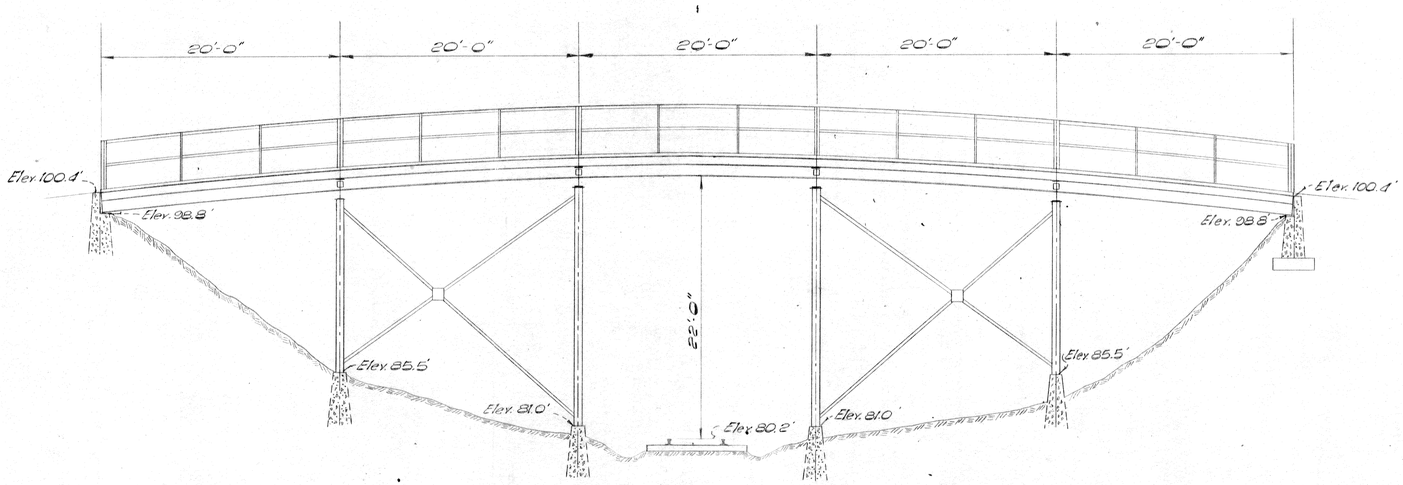
K&E 17 0153 3-75 MC 3589+



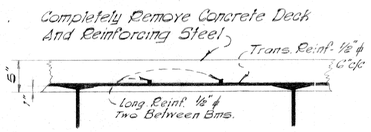
PLAN
Scale: 1" = 8'-0"



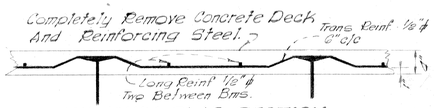
TYPICAL SECTION
Scale: 1/4" = 1'-0"



ELEVATION
Scale: 1" = 8'-0"



ROADWAY SLAB SECTION
Scale: 1" = 1'-0"



WALKWAY SLAB SECTION
Scale: 1" = 1'-0"

GENERAL NOTES:

1. All concrete and reinforcing steel shall be removed from the bridge super structure.
2. Precautions shall be taken to cause no damage to the remainder of the bridge through this deck demolition and removal. (See Special Provisions).
3. All dimensions, structural steel, reinforcing steel, etc are taken from available plans and do not necessarily represent field conditions.

COMMONWEALTH OF VIRGINIA
OSCAR W. YATES, JR.
CERTIFICATE No. 2471
CERTIFIED PROFESSIONAL ENGINEER

Drafting	DATE	REVISIONS
Check		
Design		
Check		

MCA
MCA ENGINEERING ASSOCIATES, INC.
CONSULTING ENGINEERS
MANASSAS, VIRGINIA 22110

OWNER & DEVELOPER
Department of Public Works
Hopewell, Virginia

IMPROVEMENTS TO
E. BROADWAY STREET BRIDGE

DECK DEMOLITION PLAN

DATE: Oct. 8 1975
SCALE: As Noted
JOB NUMBER: 11-75-100