

PREVIOUS
DEMOLITION
PHASE I

PIER 4

SPAN 5

EXIST. BRICK
ARCH STORM
DRAIN

PIER 5

SPAN 6

R.R. SIGNAL
CABLES OF
FENCE

PIER 7

M/L
W.B.

S & G
CABLES ON
PIER COLUMNS

SPAN 8

SIGNAL

REMOVE PORTION OF
EXISTING SUPERSTRUCTURE
(SEE SCOPE OF WORK)

SPAN 9

SPAN 10

SPAN 11

ADJUST CURB &
GUTTER TO MATCH
BRIDGE FA. OF CURB

NORTH ABUT.
(S.B.)

SIGNAL POLE

FACE OF CURB

UTIL BOXES

ELEC BOX

ELEC BOX

ELEC BOX

ELEC BOX

ELEC BOX

ELEC BOX

ELEC BOX

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ELEC BOX

STRUCTURAL STEEL IN ROLLED BEAMS SHALL BE ASTM A709, GRADE 50. ALL OTHER STRUCTURAL STEEL, EXCEPT IN BEARINGS, MAY BE ASTM A36. STRUCTURAL STEEL IN BEARING ASSEMBLIES SHALL BE ASTM A36 OR A709, GRADE 50.

FINISH PAINT SHALL BE GREEN, FED. STD. COLOR NO. 595-24227. DESIGN LOADING INCLUDES 20 P.S.F. ALLOWANCE FOR CONSTRUCTION TOLERANCES AND CONSTRUCTION METHODS.

CONCRETE IN SUPERSTRUCTURE SHALL BE CLASS A4. CONCRETE IN SUBSTRUCTURE SHALL BE CLASS A3. DEFORMED REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60. ALL REINFORCING BAR DIMENSIONS ON THE DETAILED DRAWINGS ARE TO CENTERS OF BARS EXCEPT WHERE OTHERWISE NOTED AND ARE SUBJECT TO FABRICATION AND CONSTRUCTION TOLERANCES.

BEFORE PROCEEDING WITH ANY WORK WITHIN OR ADJACENT TO THE EXISTING STRUCTURE, THE CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS. DURING THE PROCESS OF CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE WHERE THE EXISTING STRUCTURE IS MODIFIED TO ACCOMMODATE NEW CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING STRUCTURE WHICH ARE TO REMAIN.

GENERAL NOTE:

WIDTH: 5'-0" SIDEWALK, 36'-0" ROADWAY, 4'-0" MEDIAN, 26'-0" ROADWAY, 6'-0" SIDEWALK. OVERALL WIDTH 79'-7" OUT-TO-OUT.

SPAN LAYOUT: 62'-74'-75" & 67" STEEL ROLLED BEAM SIMPLE SPANS AND 83'-70" STEEL ROLLED BEAM CONTINUOUS SPANS.

CAPACITY: HS20-44 LOADING AND ALTERNATE MILITARY LOADING.

SPECIFICATIONS: CONSTRUCTION VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS, 1994.

DESIGN AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGE, 1992, 1993 INTERIM SPECIFICATIONS, AND VDOT MODIFICATIONS.

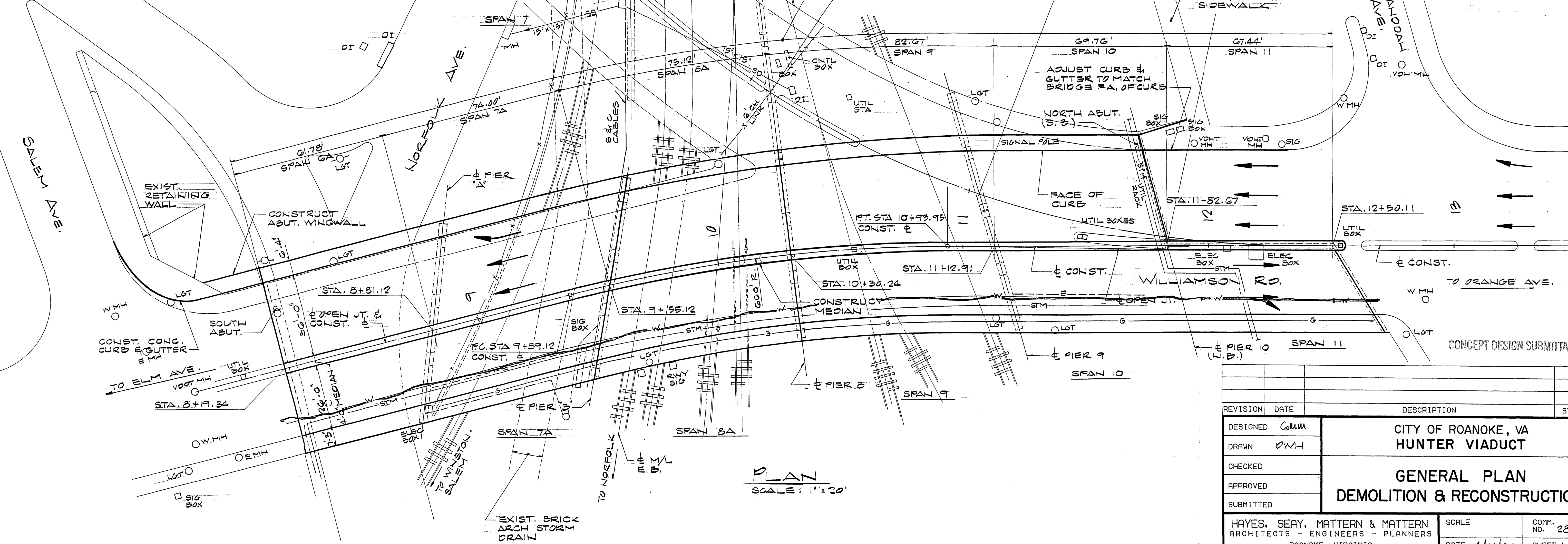
STANDARDS VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS, 1993.

THESE PLANS ARE INCOMPLETE UNLESS ACCOMPANIED BY THE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

DIMENSIONS OF EXISTING STRUCTURES SHOWN ON THE PLANS ARE TAKEN FROM EXISTING DRAWINGS. THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS NECESSARY FOR CONSTRUCTION OF THIS PROJECT.

SCOPE OF WORK

1. MAINTAIN TWO LANES OF TRAFFIC AT ALL TIMES.
2. REMOVE SUPERSTRUCTURE SPANS 5 AND 6.
3. REMOVE SUPERSTRUCTURE IN SPANS 7, 8 AND SPAN 8A TO GIRDER N. DEMOLISH PIERS 4, 5, 6 AND 7 TO ELEVATION 2'-0" BELOW GRADE.
4. REMOVE SUPERSTRUCTURE REMAINING IN SPANS 8A, 9, and 10, AND REMOVE CONCRETE DECK AND EXTERIOR BEAMS IN SPANS 6A AND 7A.
5. RECONSTRUCT AND REPAIR PORTIONS OF PIERS 8 AND 9 AS REQUIRED FOR NEW SUPERSTRUCTURE. CONSTRUCT NEW PIERS AS NEEDED FOR WIDENING AT PIERS A AND B.
6. WIDEN SOUTH ABUTMENT AND CONSTRUCT NEW WEST RETAINING WALL AS NEEDED FOR WIDENING.
7. CLEAN AND PAINT EXISTING STRUCTURAL STEEL TO REMAIN IN PLACE ON SOUTHBOUND LANES. ERECT NEW SOUTHBOUND STRUCTURAL STEEL.
8. CONSTRUCT NEW SOUTHBOUND DECK, SIDEWALK, AND RAILING, INCLUDING APPROACH ROADWAY. TRANSFER TRAFFIC TO SOUTHBOUND ROADWAY.
9. REMOVE NORTH BOUND CONCRETE DECK.
10. CLEAN AND PAINT EXISTING STRUCTURAL STEEL TO REMAIN IN PLACE.
11. CONSTRUCT NEW NORTHBOUND DECK, SIDEWALK, AND RAILING, INCLUDING APPROACH ROADWAYS.



PLAN
SCALE: 1" = 30'

REVISION	DATE	DESCRIPTION	BY	APP
DESIGNED	Comm	CITY OF ROANOKE, VA HUNTER VIADUCT GENERAL PLAN DEMOLITION & RECONSTRUCTION		
DRAWN	OWH			
CHECKED				
APPROVED				
SUBMITTED				
HAYES, SEAY, MATTERN & MATTERN ARCHITECTS - ENGINEERS - PLANNERS ROANOKE, VIRGINIA		SCALE	COMM. NO. 2894A	
		DATE 4/14/95	SHEET 1 of 3	