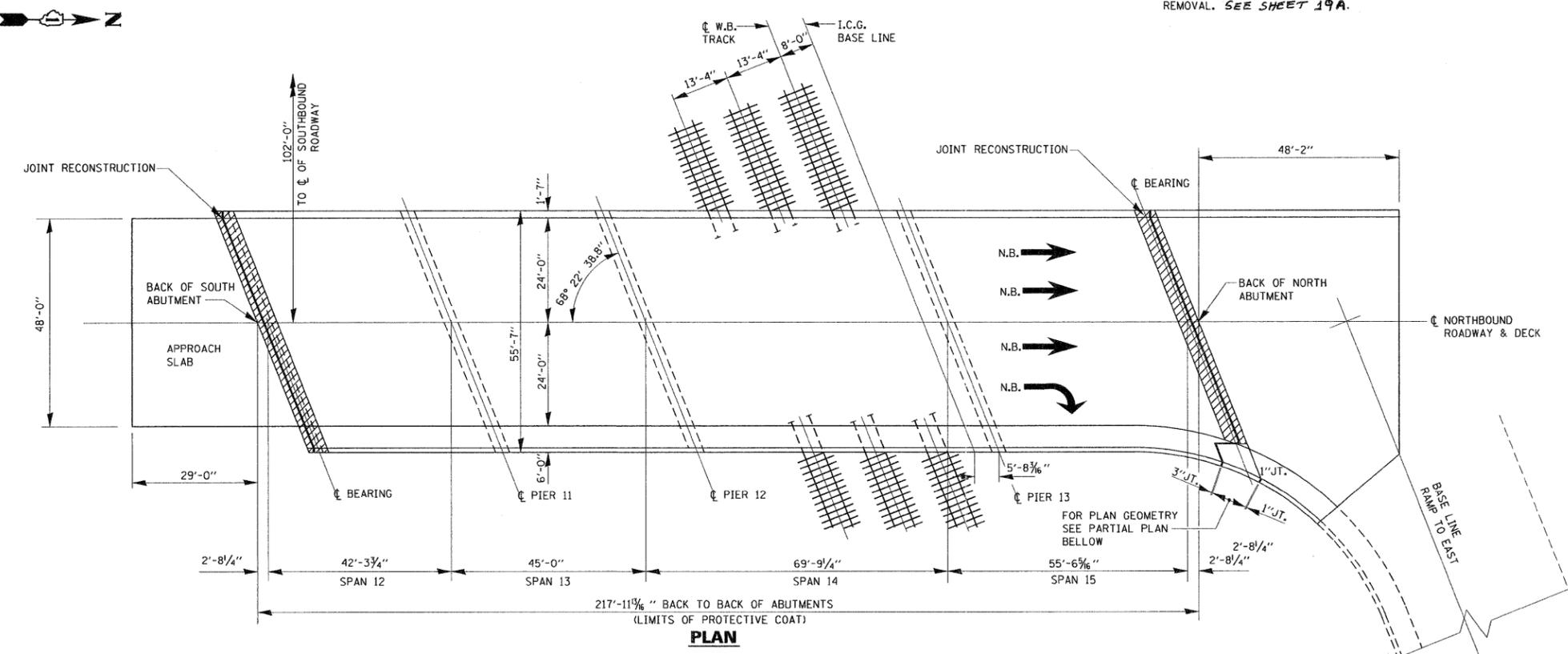
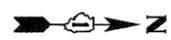
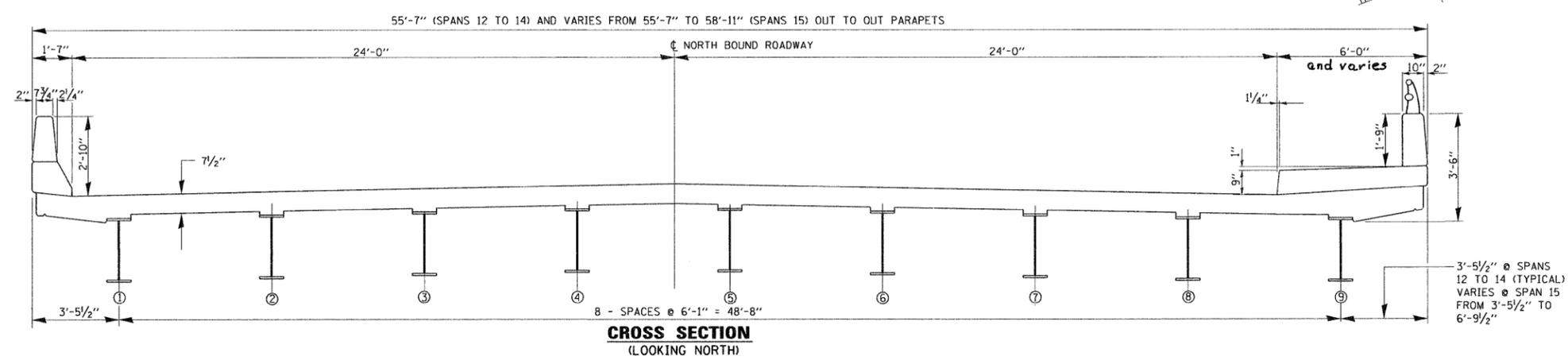


**ELEVATION**  
(LOOKING WEST)

\* EXISTING HANDRAIL AND GUARDRAIL DISCONNECTED AND RECONNECTED. COST INCLUDED IN COST OF CONCRETE REMOVAL. SEE SHEET 19A.



**PLAN**



**CROSS SECTION**  
(LOOKING NORTH)

**GENERAL NOTES:**

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENT PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED AT THE UNIT PRICE BID FOR THE WORK.

ALL STRUCTURAL STEEL SHALL CONFORM TO AASHTO CLASSIFICATION M-270 GR. 36, UNLESS OTHERWISE NOTED.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

CONCRETE SUPERSTRUCTURE SHALL HAVE A SEVEN DAY MINIMUM CURE.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 Gr 60. SEE SPECIAL PROVISIONS.

JOINT OPENINGS SHALL BE ADJUSTED ACCORDING TO ARTICLE 520.04 OF THE STANDARD SPECIFICATIONS. WHEN THE DECK IS POURED AT AN AMBIENT TEMPERATURE OTHER THAN 50° F.

PRIOR TO POURING THE NEW CONCRETE DECK, ALL HEAVY OR LOOSE RUST, LOOSE MILL SCALE, AND OTHER LOOSE OR POTENTIALLY DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM THE SURFACES IN CONTACT WITH CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL AND THE COST WILL BE INCLUDED IN THE PAY ITEM COVERING REMOVAL OF THE EXISTING CONCRETE.

THE REMOVAL OF THE EXISTING JOINT IS INCLUDED IN THE COST OF THE CONCRETE REMOVAL.

FASTENERS SHALL BE AASHTO M 164 TYPE 1, MECHANICALLY GALVANIZED. BOLTS 3/4" Ø, HOLES 1/2" Ø, UNLESS OTHERWISE NOTED.

EXISTING STRUCTURAL STEEL THAT WILL BE IN CONTACT WITH NEW STRUCTURAL STEEL SHALL BE CLEANED AND PAINTED PRIOR TO ERECTION AS REQUIRED BY THE SPECIAL PROVISION "CLEANING AND PAINTING CONTACT SURFACE AREAS OF EXISTING STEEL STRUCTURES".

ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH THE INORGANIC ZINC RICH PRIMER PER AASHTO M300, TYPE 1. COST INCLUDED WITH STRUCTURAL STEEL REPAIR.

**TOTAL BILL OF MATERIALS S.N. 016-0318**

ITEM	UNIT	QUANTITY
REINFORCEMENT BARS (EPOXY COATED)	POUND	2340
CONCRETE REMOVAL	CU. YD.	16.3
CONCRETE SUPERSTRUCTURE	CU. YD.	16.6
PREFORMED JOINT STRIP SEAL	FOOT	117
BAR SPLICERS	EACH	24
STRUCTURAL STEEL REPAIR	POUND	250
** PROTECTIVE COAT	SQ. YD.	43
SILICONE JOINT SEALER 2 3/4"	FOOT	12

\*\* NEW CONCRETE AREA ONLY