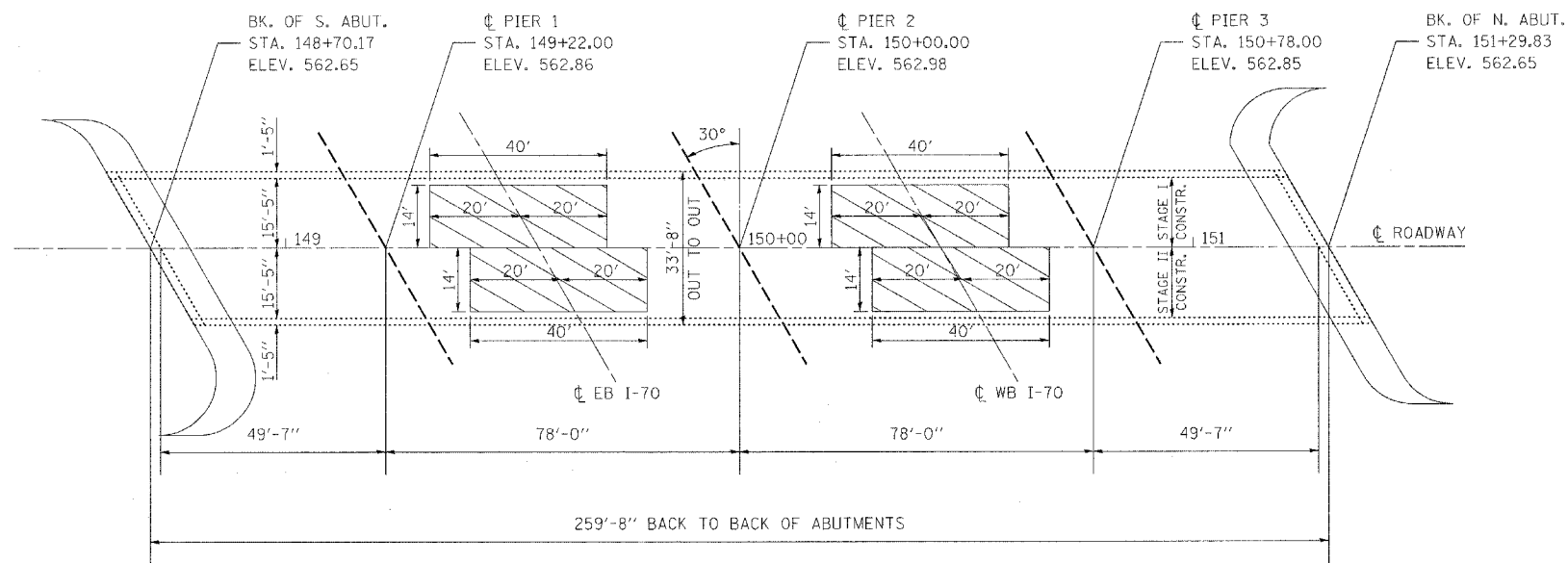
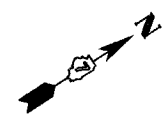
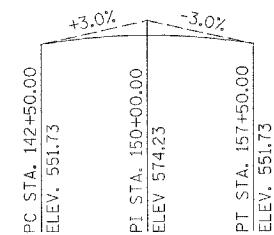


ELEVATION



PLAN

PROTECTIVE SHIELD



PROFILE GRADE

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (LL Modified). See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensations for a change in scope of the work; however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

Existing reinforcement bars shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system (cost included in concrete removal).

Joint openings shall be adjusted according to Article 503.10(c) of the Standard Specifications when the deck is poured at an ambient temperature other than 50 F.

All construction joints shall be bonded.

Removal of all existing expansion joints shall be included in the contract unit price for Concrete Removal.

Prior to pouring concrete at all expansion joint locations, all loose rust, loose mill scale, and other loose potentially detrimental foreign material shall be removed from the surfaces of the beams or girders in contact with concrete. The cost of this work will be included in the pay item covering removal of the existing concrete.

All heavy rust and other tightly adhered potentially detrimental foreign matter shall also be removed from the surfaces of the beams or girders in contact with concrete. Tightly adhered paint may remain unless otherwise noted. This removal shall be accomplished by methods that will not damage the steel. The cost of this work will be paid for according to Article 109.04 of the Standard Specifications.

BILL OF MATERIALS

ITEM DESCRIPTION	UNIT	QUANTITY
Concrete Removal	CU YD	11.4
Concrete Superstructure	CU YD	13.2
Preformed Joint Strip Seal	FOOT	75
Structural Repair of Concrete (Depth Equal or Less than 5")	SQ FT	30
Hot-Mix Asphalt Surface Removal, 1 3/4"	SQ YD	890
Reinforcement Bars, Epoxy Coated	POUND	1630
Bar Splicers	EACH	30
Elastomeric Bearing Assembly, Type II	EACH	12
Jack and Remove Existing Bearings	EACH	12
Furnishing and Erecting Structural Steel	POUND	1270
Protective Shield	SQ YD	249
Deck Slab Repair (Full Depth, Type I)	SQ YD	3
Deck Slab Repair (Full Depth, Type II)	SQ YD	25
Deck Slab Repair (Partial)	SQ YD	78
Waterproofing Membrane System	SQ YD	890
Polymerized Hot-Mix Asphalt Surface Course, Mixture "D", N90 *	TON	75

* Deck Slab Quantity Only