Bench Mark: Square cut on S.W. wingwall of S.N. 076-0021, Elev, 455,20

Hereit

Existing Structure: S.N. 076-0021; Built in 1941 as F.A. Rte. 163, Section 11VBF. Existing structure is a 3-span continuous, non-composite wide flange superstructure with a 7" R.C. deck supported on spread footing abutments and multi-column piers on spread footings on rock. The structure is 125'-6" Bk. to Bk. abutments and 32'-4" O. to O. of deck. Traffic to be maintained utilizing stage construction.





Fasteners shall be high strength bo Field welding of construction acces Reinforcement bars shall conform t The embankment configuration show prior to construction of the new port

Anchor bolts shall be set before be Plan dimensions and details relative to nominal construction variations. It in the field and make necessary appr variations shall not be cause for addi Contractor will be paid for the quantity Bearing seat surfaces shall be cons tolerance of ¹g inch. Adjustment shall bearing. Two 's" adjusting shims, of for each bearing in addition to all oth

adjusting shims shall be provided for Prior to pouring the new concrete detrimental foreign material shall be r cost of this work will be included in t other tightly adhered potentially detrim in contact with concrete. Tightly adher accomplished by methods that will not Article 109.04.

All existing construction accessories points of the beams shall be removed. inspected for cracks using magnetic p grinding approximately 4 inch deep sh and Structures for further disposition. Field Painting of Structural Steel shi The existing structural sleel coating with the presence of lead on this proj All construction joints shall be bonde The main load carrying member comp

Ronge 5E - 3rd. PM

Millistone Bluff

CONTR ROU COUN SECT SHEET	JTE: NTY: ION: NO.:	MAINT 14	DUS ONTRAC ENANCH OF 31		неет NO. / 21 Sheet	
GENERAL NOTE			ant much			
sories will not be perm, o the requirements of <i>J</i> , in shall be the minimum ion of the abutments. offing diaphragms over s to existing structure h shall be the Contractor Wed adjustments prior tional compensation for by actually furnished at structed or adjusted to be made either by grin the dimensions of the b er plates or shims. For each bearing and place fack, all loose rust, loos emoved from the surfac he pay item covering re ental foreign matter sho ed paint may remain ur damage the steel. The	ifted to bee AASHTO M embankmer supports, lave been ti 's responsil to construct a change i the unit pr the design ding the su offom bear Type I El d as detaile se mill scab ess of the smoval of th all also be pless of herv cost of this	ms. 31, M 42 or it that must billy to verit ition ororder, n the scope ice for the ice for the ice for the ice for the ice ar by ng plate, sh ostomeric Be d. e, and other be existing c removed from vise noted. 1 is work will b	M 53 Grade be construct klsting plans y such dimej of the work work. Is within a shimming the aring, two ¹ / ₈ loose poten thact with co concrete. All in the surfac his removal e poid for co	e 60. ted and are nsions an ials. Such , however e e ded s' lially mcrete. T heavy rus se of the shall be according	d details , the , the he t and beams	
welded to the top flam The remaining weld sh article testing. Any cra all be identified and rep The cost of this work all be done under a sep contains lead. The Con ect.	all be grour cks that co ported to th will be par parate Pain	nd smooth ar in not be rei ie Bureau of id for accord ting Contract	nd noved by Bridges ling to Artic.	le 109.04.		
ed. conents subject to tensi le 2. These components	ile stress s s are all the	hall conform s splice plate	to the Supp 95.	plemental		

			+	
ТТЕМ	UNIT	SUPER	SUB	TOTAL
Removal of Existing Concrete Deck	Each	1		1
Structure Excavation	Cu. Yd.		169	169
Temporary Sheet Piling	Sq. Ft.		210.0	210.0
Concrete Structures	Cu. Yd.		23.1	23.1
Concrete Superstructure	Cu. Yd.	150.5		150.5
Name Plates	Each	1		1
Reinforcement Bars, Epoxy Coated	Pound	35670	4650	40320
Protective Coat	Sq. Yd.	546		546
Bridge Deck Grooving	Sq. Yd.	417	· · · ·	417
Bar Splicers	Each	394	64	458
Stud Shear Connectors	Each	1836	*****	/836
Porous Granular Embankment	Cu. Yd.		174	174
Elastomeric Bearing Assembly, Type I	Each	12		12
Elastomeric Bearing Assembly, Type II	Each	6		6
Concrete Removal	Cu. Yd.		9.8	9.8
Furnishing & Erecting Structural Steel	Pound	2247		2247
Protective Shield	Sq. Yd.	186		186
Jacking Existing Superstructure	Each	1		100
Temporary Bridge Roll	Foot	126		126
Structural Steel Removal	Pound	5673		5,673
Tangana and you that and	1. 3.			1
Stone Riprap, Class A3	Sq. Yd.		417	417
Filter Fabric for use with Riprap	Sq. Yd.		417	417

TOTAL BILL OF MATERIAL

GENERAL PLAN ILLINOIS ROUTE 147 OVER CANADIAN NATIONAL/IL. CENTRAL R.R. FOR INFORMATION ONLY: F.A.S. ROUTE 932 - SECTION IIVB-D POPE COUNTY STATION 579+87.25 STRUCTURE NO. 076-0021