

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	100% STATE	100% STATE
			TOTAL QUANTITY <i>URBAN</i>	WHITESIDE COUNTY <i>0014</i>
X7010410	SPEED DISPLAY TRAILER	CAL MO	3	3
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	38	38
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	38	38
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	112	112
Z0021904	SILICONE JOINT SEALER, 1"	FOOT	114	114
Z0041895	POLYMER CONCRETE	CU FT	11.5	11.5
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	752.4	752.4
50157300	PROTECTIVE SHIELD	SQ. YD.	216	216

⚠ REVISION 12-29-15

GENERAL NOTES

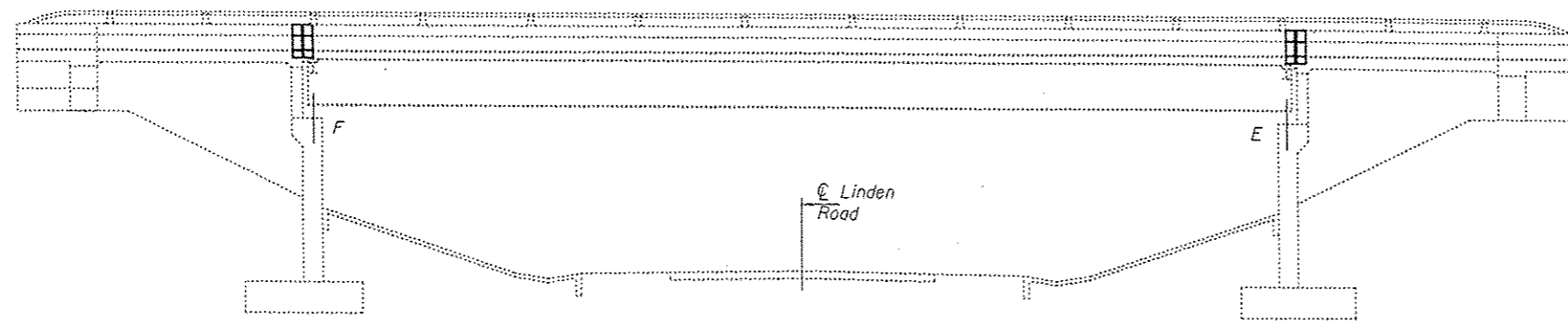
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall 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 at the unit price bid for the work.

Reinforcement bars designated (E) shall be epoxy coated.
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.

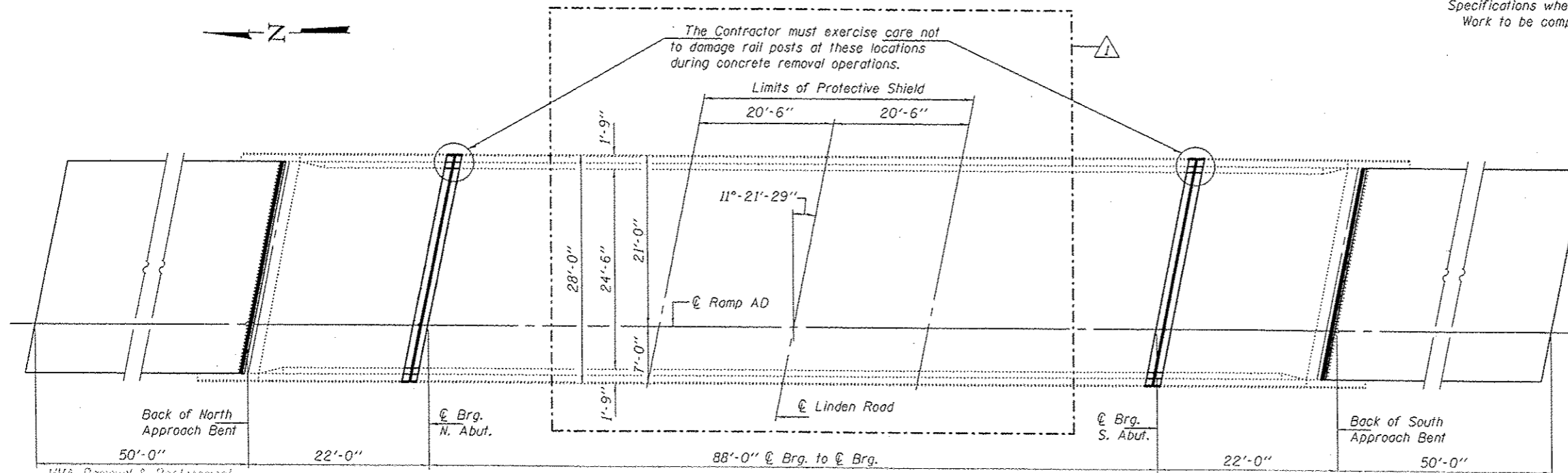
Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

The new deck surface areas shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

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. Work to be completed under road closure.



ELEVATION



PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	3.0
Concrete Superstructure	Cu. Yd.	3.0
Reinforcement Bars, Epoxy Coated	Pound	230
Preformed Joint Strip Seal	Foot	57
Polymerized Hot-Mix Asphalt Surface Course, Mix "D", N90	Tons	29.4
* Deck Slab Repair (Partial)	Sq. Yd.	52
* Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	18
* Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	18
Profile Diamond Grinding of Concrete Pavement	Sq. Yd.	266.7
Bituminous Concrete Removal (Deck)	Sq. Yd.	349.0
Waterproofing Membrane System, Special	Sq. Yd.	349.0
Silicone Joint Sealer	Foot	53
Polymer Concrete	Cu. Ft.	5.5
Protective Shield	Sq. Yd.	100

* Quantities are estimated. Actual locations and sizes to be determined in the field, by the Engineer.



Expires: November 30, 2016

DESIGNED: [Signature]
CHECKED: [Signature]
DRAWN: Kyle M. Steffen
CHECKED: [Signature]

PASSED

[Signature]
ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE - NOVEMBER 19, 2015

REVISED 12/23/2015 VHV
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
F.A.I. ROUTE 39 RAMP OVER LINDEN ROAD
SN 101-0137

SHEET NO. 1 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	D2 BRIDGE REPAIR 2016-3	WINNEBAGO	25	13

CONTRACT NO. 64L07

ILLINOIS FED. AID PROJECT

GENERAL NOTES

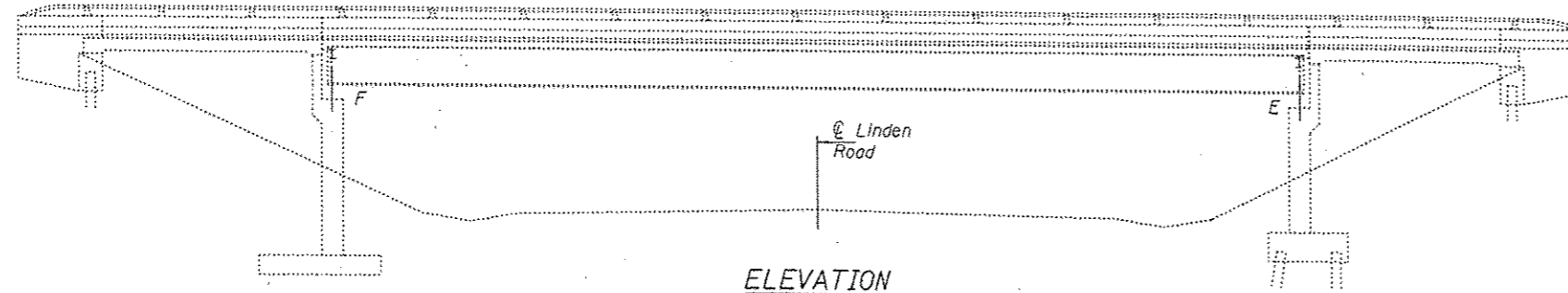
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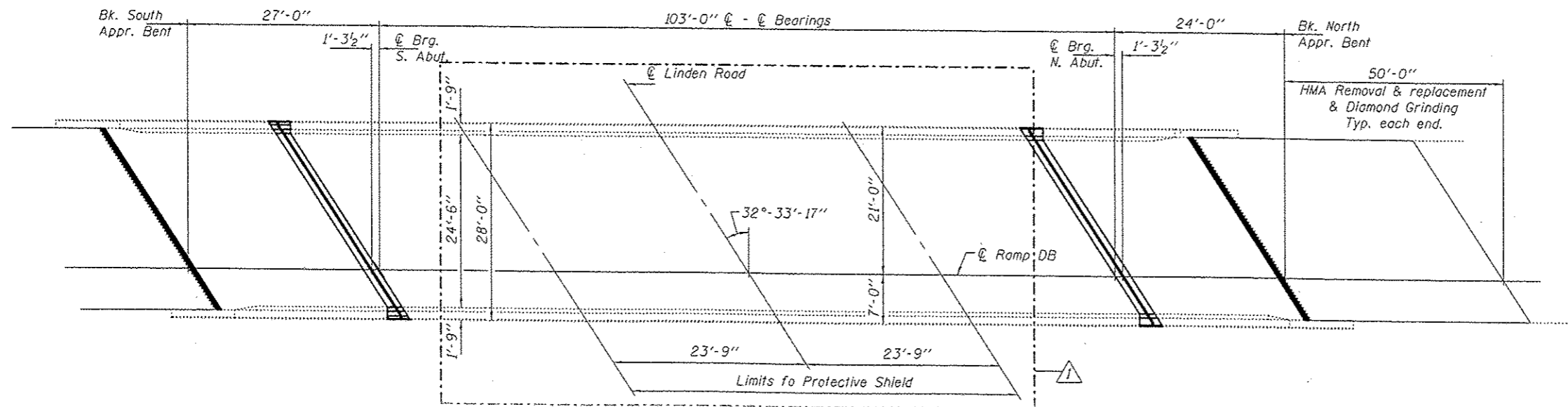
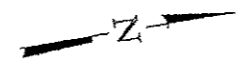
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ELEVATION



PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	4.0
Concrete Superstructure	Cu. Yd.	4.0
Reinforcement Bars, Epoxy Coated	Pound	240
Preformed Joint Strip Seal	Foot	61
Polymerized Hot-Mix Asphalt Surface Course, Mix "D", N90	Tons	53
* Deck Slab Repair (Partial)	Sq. Yd.	60
* Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	20
* Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	20
Profile Diamond Grinding of Concrete Pavement	Sq. Yd.	267
Bituminous Concrete Removal (Deck)	Sq. Yd.	403.4
Waterproofing Membrane System, Special	Sq. Yd.	403.4
Silicone Joint Sealer	Foot	61
Polymer Concrete	Cu. Ft.	6.0
Protective Shield	Sq. Yd.	116

* Quantities are estimated. Actual locations and sizes to be determined in the field, by the Engineer.



EXPIRES 11-30-2016

DESIGNED <i>[Signature]</i>	CHECKED <i>[Signature]</i>	DRAWN <i>[Signature]</i>	CHECKED <i>[Signature]</i>	PASSED <i>[Signature]</i> ACTING ENGINEER OF BRIDGES AND STRUCTURES	DATE NOVEMBER 19, 2015	REVISED 12/23/2015 VHV	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND ELEVATION FAI 39 (RAMP DB) OVER LINDEN ROAD SN 101-0140	SHEET NO. 1 OF 4 SHEETS	F.A.I. RTE. 39	SECTION 02 BRIDGE REPAIR 2016-3	COUNTY WINNEBAGO	TOTAL SHEETS 25	SHEET NO. 17	CONTRACT NO. 64L07	ILLINOIS FED. AID PROJECT
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