

ELEVATION

REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL AS NECESSARY TO FACILITATE NEW JOINT CONSTRUCTION

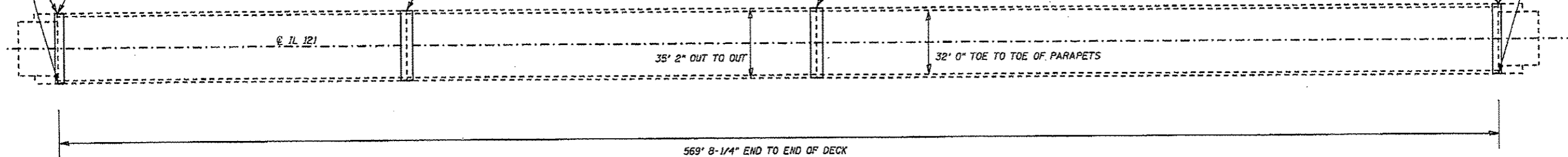
REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL AS NECESSARY TO FACILITATE NEW JOINT CONSTRUCTION

REPLACE EXISTING SILICONE JOINT WITH STRIP SEAL JOINT

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569' 8-1/4" END TO END OF DECK

PLAN

GENERAL NOTES:

ALL STRUCTURAL STEEL SHALL BE AASHTO M-270 GRADE 36

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

PRIOR TO POURING THE NEW CONCRETE DECK, ALL HEAVY OR 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 CONCRETE REMOVAL.

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 THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

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.

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.

THE EXISTING STRUCTURAL STEEL COATING CONTAINS LEAD. THE CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO DEAL WITH THE PRESENCE OF LEAD ON THIS PROJECT.

AREAS OF DECK REPAIRS SHOWN ARE ESTIMATED. THE ENGINEER SHALL SHOW ACTUAL LOCATIONS OF DECK REPAIRS ON AS-BUILT PLANS.

THE DECK SURFACE IN THE AREAS OF EXPANSION JOINT REPLACEMENT SHALL HAVE A TINED FINISH AS PER ARTICLE 420.09(K) OF THE STANDARD SPECIFICATIONS. COST INCLUDED WITH CONCRETE SUPERSTRUCTURE.

Designer: DAC
Checker: VP

TOTAL BILL OF MATERIAL	
CONCRETE REMOVAL	22 CU YD
CONCRETE SUPERSTRUCTURE	24 CU YD
BRIDGE DECK GROOVING	1900 SQ YD
REINFORCEMENT BARS, EPOXY COATED	2630 POUND
BAR SPLICERS	50 EACH
PREFORMED JOINT STRIP SEAL	144 FOOT
REMOVE AND RE-ERECT SPBGR, ATTACHED TO STRUCTURES	50 FOOT
BRIDGE DECK MICROSILICA CONCRETE OVERLAY, 2-1/2"	2027 SQ YD
BRIDGE DECK SCARIFICATION, 3/4"	2027 SQ YD
DECK SLAB REPAIR (FULL DEPTH, TYPE II)	21 SQ YD
DECK SLAB REPAIR (FULL DEPTH, TYPE I)	1 SQ YD



David Carl Puzey 5/19/13
Expires 11/30/14

BRIDGE PLAN AND ELEVATION
FAP 320 (IL 121)
SECTION (117) I-2
LOGAN COUNTY