

STRUCTURE GENERAL NOTES:

- SYNTHETIC FIBERS SHALL BE ADDED TO THE BRIDGE DECK MICROSILICA CONCRETE OVERLAY, SEE SPECIAL PROVISIONS.
- ALL STRUCTURAL STEEL SHALL BE AASHTO M-270 GRADE 36, UNLESS OTHERWISE NOTED.
- 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.
- STEEL PLATE BEAM GUARDRAIL ENCOUNTERED IN THE JOINT REMOVAL AREAS SHALL BE REMOVED AND RE-ATTACHED TO THE NEW CONCRETE, COST INCLUDED IN CONCRETE SUPERSTRUCTURE.
- AREAS OF DECK REPAIRS ARE ESTIMATED. THE ENGINEER SHALL SHOW ACTUAL LOCATIONS OF DECK REPAIRS ON AS-BUILT PLANS.

TOTAL BILL OF MATERIAL (084-0067)

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	3.5
Concrete Superstructure	Cu. Yd.	4.1
Bridge Deck Grooving	Sq. Yd.	347
Reinforcement Bars, Epoxy Coated	Pound	680
Bar Splicers	Each	12
Preformed Joint Strip Seal	Foot	68
Bridge Deck Scarification, 3/4"	Sq. Yd.	370
Bridge Deck Microsilica Concrete Overlay, 2-1/2"	Sq. Yd.	370
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	5*
Protective Coat	Sq. Yd.	387
Structural Repair of Concrete (Depth = or < 5")	Sq. Ft.	106

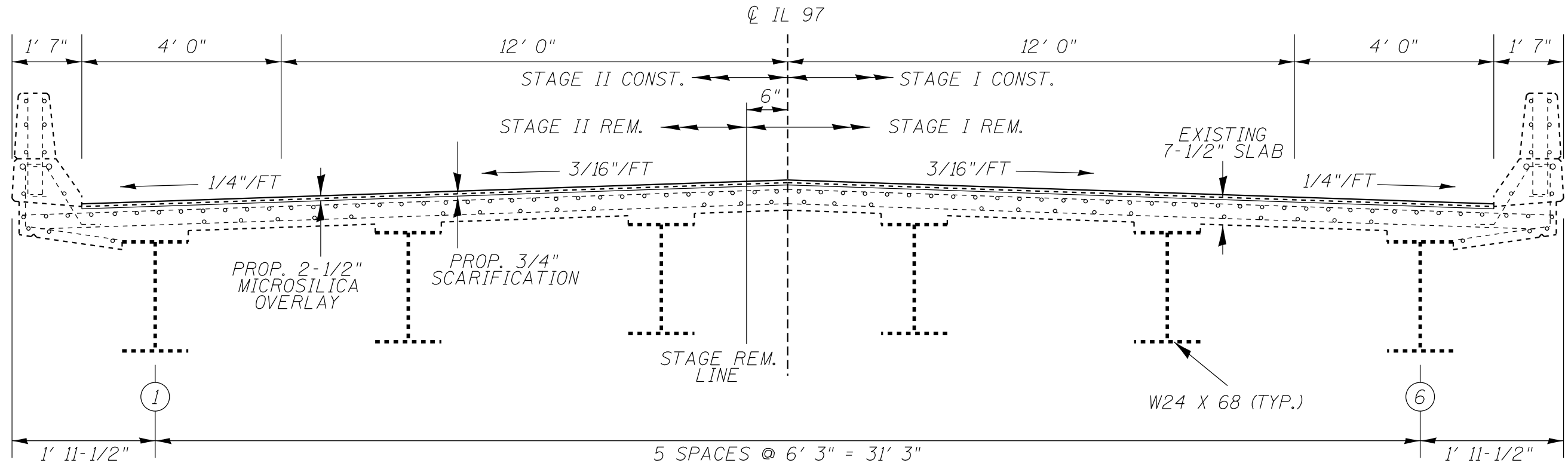
* No FD patches are anticipated. A nominal FD patching quantity is included, but not shown on the plan sheets.

MODEL: Default
 FILE NAME: \\CENTRAL\OPERATIONS\Bridges\Bridges\Plans_CAD\72L43 - 0840067.dwg
 OVER BY: bdrashnet.dgn

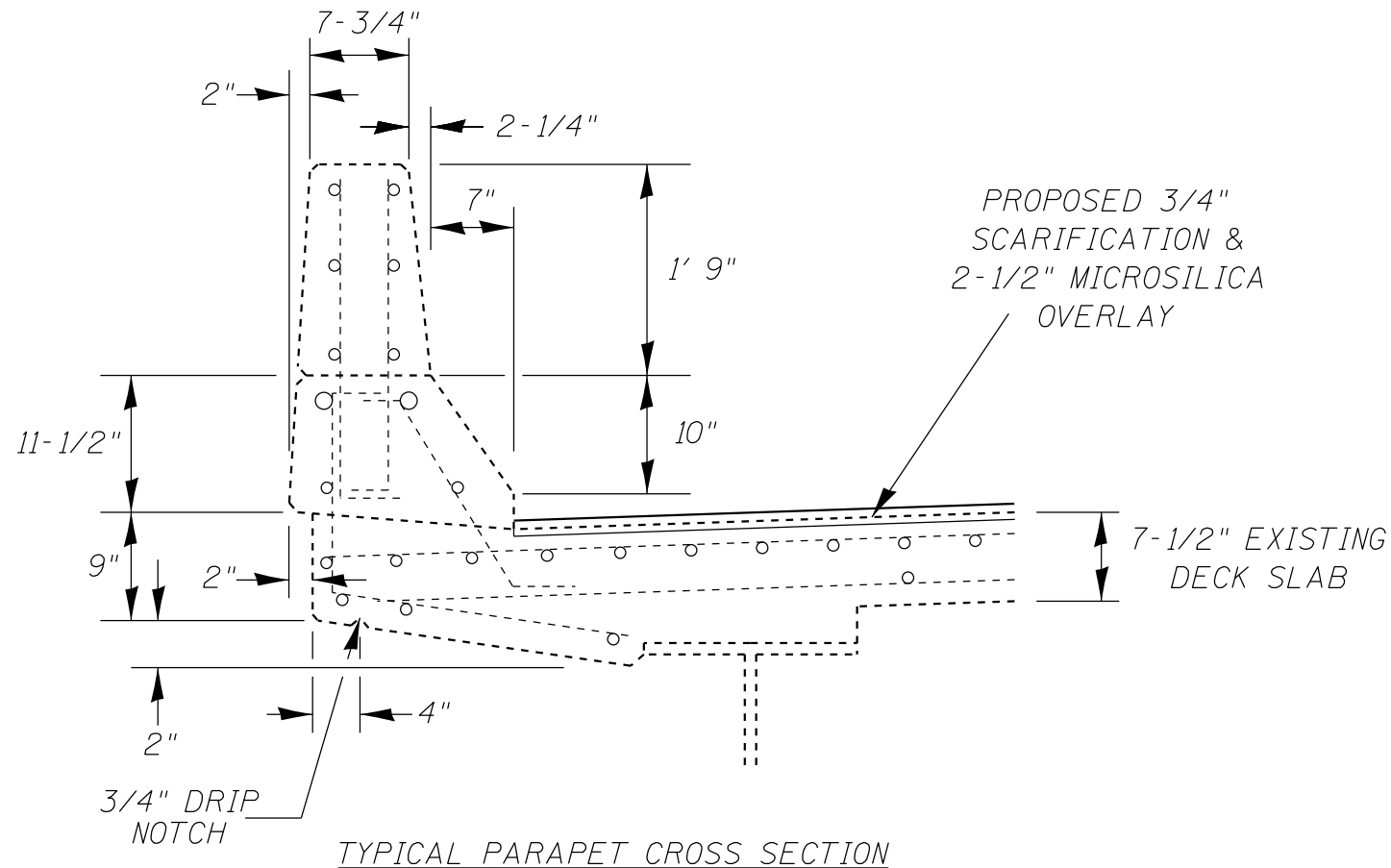
REV. 2-20-2020

USER NAME = dudleybm PLOT SCALE = 100,0000' / in. PLOT DATE = 2/19/2020	DESIGNED - Brandon Dudley DRAWN - Brandon Dudley CHECKED - Jason Jones DATE - _____	REVISED - BMD 2/19/20 REVISED - _____ REVISED - _____ REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & ELEVATION SN 084-0067	F.A.P. RTE. 34 SECTION (34) BDR COUNTY SANGAMON TOTAL SHEETS 12 SHEET NO. 8 CONTRACT NO. 72L43 ILLINOIS FED. AID PROJECT
---	--	--	---	---	--

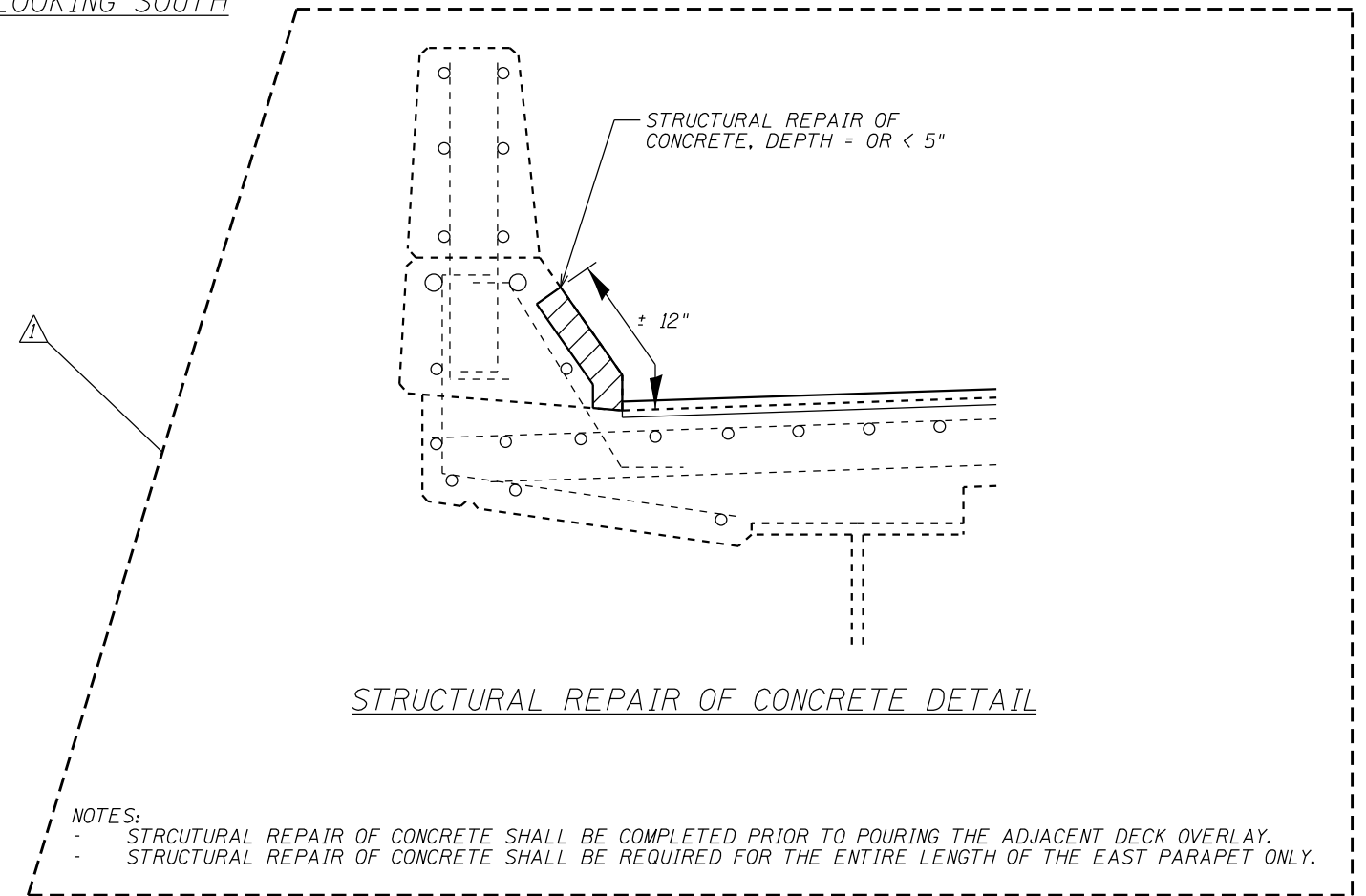
SCALE: _____ SHEET 1 OF 5 SHEETS STA. _____ TO STA. _____



BRIDGE CROSS SECTION, LOOKING SOUTH



TYPICAL PARAPET CROSS SECTION



STRUCTURAL REPAIR OF CONCRETE DETAIL

NOTES:
 - STRUCTURAL REPAIR OF CONCRETE SHALL BE COMPLETED PRIOR TO POURING THE ADJACENT DECK OVERLAY.
 - STRUCTURAL REPAIR OF CONCRETE SHALL BE REQUIRED FOR THE ENTIRE LENGTH OF THE EAST PARAPET ONLY.

REV. 2-20-2020

MODEL: Default
 FILE NAME: \\CENTRAL\OPERATIONS\Bridges\Bridges\Plans_CADD\72L43 - 0840067_overbytabshet.dgn

USER NAME = dudleybm	DESIGNED - _____	REVISED - BMD 2/19/20
PLOT SCALE = 100.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 2/19/2020	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE CROSS SECTIONS
 SN 084-0067

SCALE: _____ SHEET 2 OF 5 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(34) BDR	SANGAMON	12	9
CONTRACT NO. 72L43				
ILLINOIS FED. AID PROJECT				