

DECK SURVEY PERFORMED ON APRIL 16, 2009. IF MORE THAN ONE WINTER FREEZE-THAW CYCLE OCCURS BETWEEN THE INITIAL INSPECTION AND THE COMMENCEMENT OF WORK, THE FINAL PLAN QUANTITIES FOR DECK REPAIRS MUST BE BASED ON A NEW INSPECTION OF THE DECK.

# GENERAL PLAN S.N. 010-0082

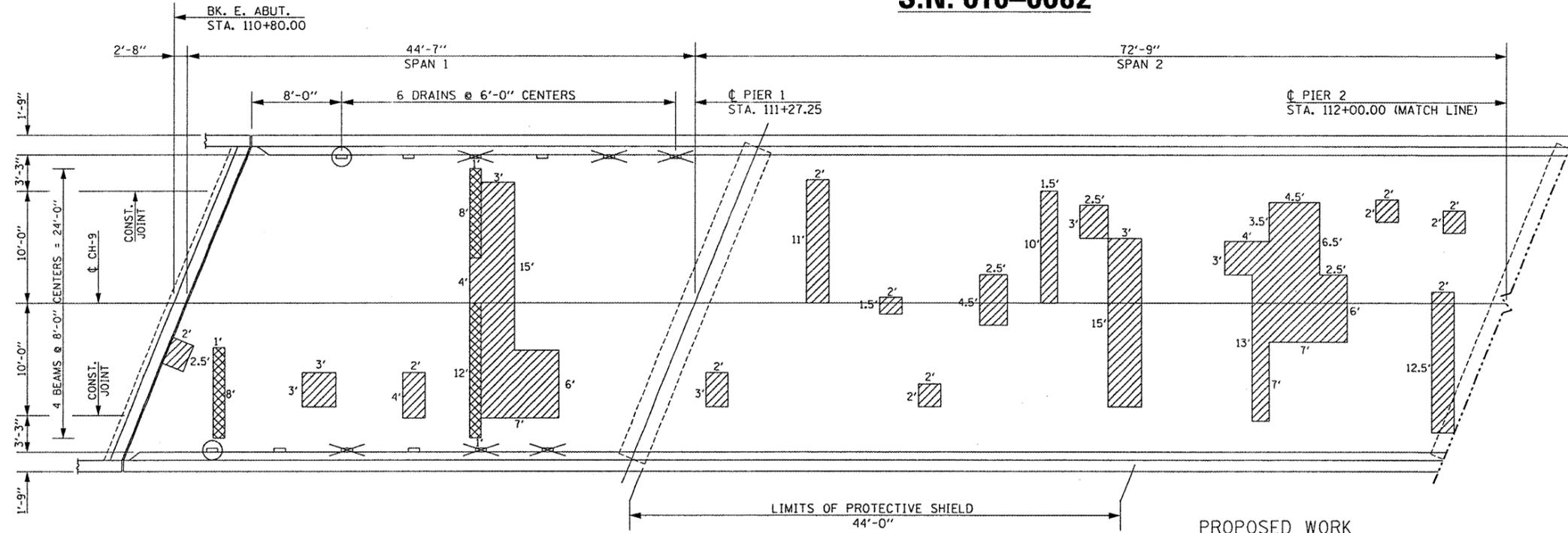
THE EXISTING OVERHEAD STRUCTURE WAS BUILT IN 1969 AS FA ROUTE 57, SECTION 10-38HB AT STATION 1590+62 IN CHAMPAIGN COUNTY.

THE SUPERSTRUCTURE CONSISTS OF A 7" R.C. SLAB AND FOUR 36" WF STEEL I-BEAMS SUPPORTED BY THREE HAMMERHEAD PIERS AND STUB ABUTMENTS. THE STRUCTURE MEASURES 240'-0" FROM BACK TO BACK OF ABUTMENT. THE DECK HAS A CLEAR WIDTH OF 26'-6" AND AN OUT-TO-OUT WIDTH OF 30'-0".

METHOD OF CONSTRUCTION: ROAD CLOSURE (UTILIZING TRAFFIC CONTROL & PROTECTION DEVICES (ROAD & SIDEROAD/STREET CLOSURES))

NO SALVAGE.

SEE PROPOSED IMPROVEMENTS ON THIS SHEET.



### TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	10.4
DECK SLAB REPAIR (PARTIAL)	SQ YD	68.3
ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	8.0
JACK AND REMOVE EXISTING BEARINGS	EACH	8.0
FURNISH AND ERECT STRUCTURAL STEEL	POUND	1410.0
ANCHOR BOLTS, 1" Ø	EACH	16.0
SILICONE JOINT SEALER, 1 1/2"	FOOT	75.3
PLUG EXISTING DECK DRAINS	EACH	12.0
PROTECTIVE SHIELD	SQ YD	250.0

### PROPOSED WORK

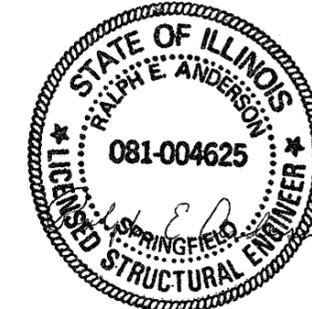
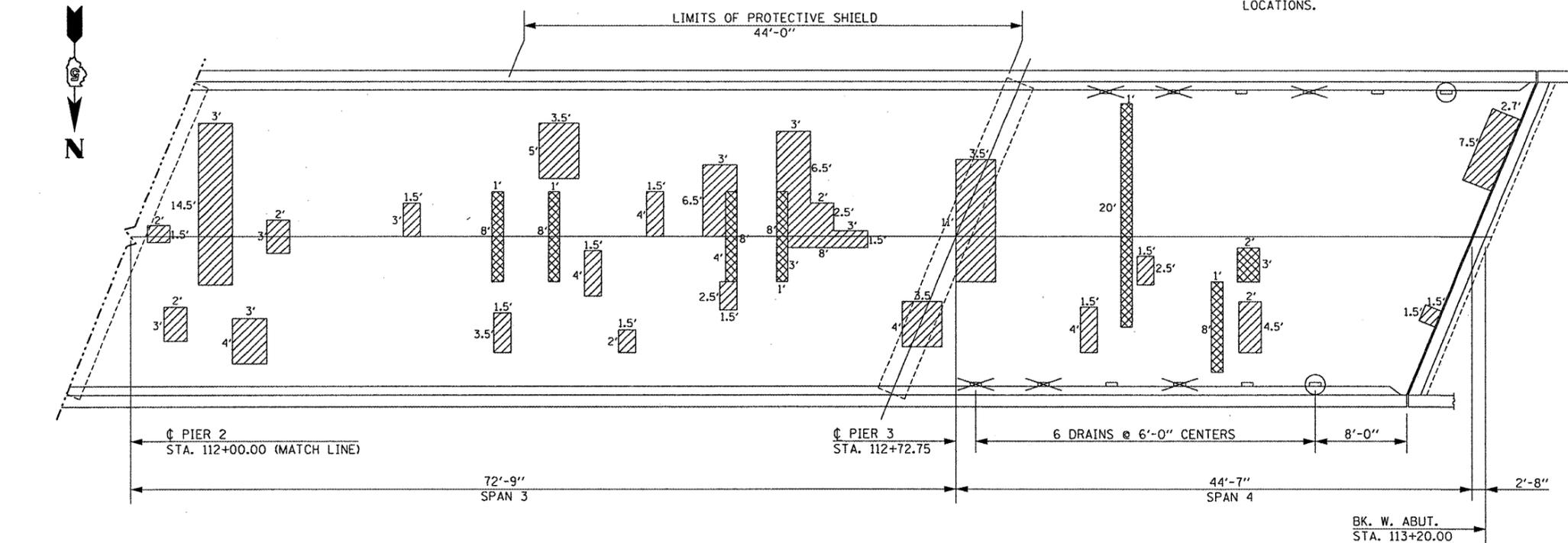
- PARTIAL AND FULL DEPTH DECK SLAB REPAIR.
- INSTALL SILICONE JOINT SEALER AT EXPANSION JOINTS.
- REMOVE EXISTING STEEL ROCKER BEARINGS AND REPLACE WITH ELASTOMERIC BEARINGS.
- PLUG EXISTING DECK DRAINS AT SPECIFIED LOCATIONS.

### LEGEND

- DECK SLAB REPAIR, FULL-DEPTH
- DECK SLAB REPAIR (PARTIAL)
- PLUG EXISTING DECK DRAINS
- REMOVE EXTENSION FROM PREVIOUSLY PLUGGED DECK DRAIN (COST INCLUDED WITH PLUG EXISTING DECK DRAINS)

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



FILE NAME =	USER NAME = #USER#	DESIGNED - GMS	REVISED -
#FILE#		DRAWN - GMS	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN  
S.N. 010-0082

SCALE:	SHEET NO. 1 OF 8 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	10-37RS-2&10,27-38RS-1	CHAMPAIGN	41	31
				CONTRACT NO. 70766
ILLINOIS FED. AID PROJECT				