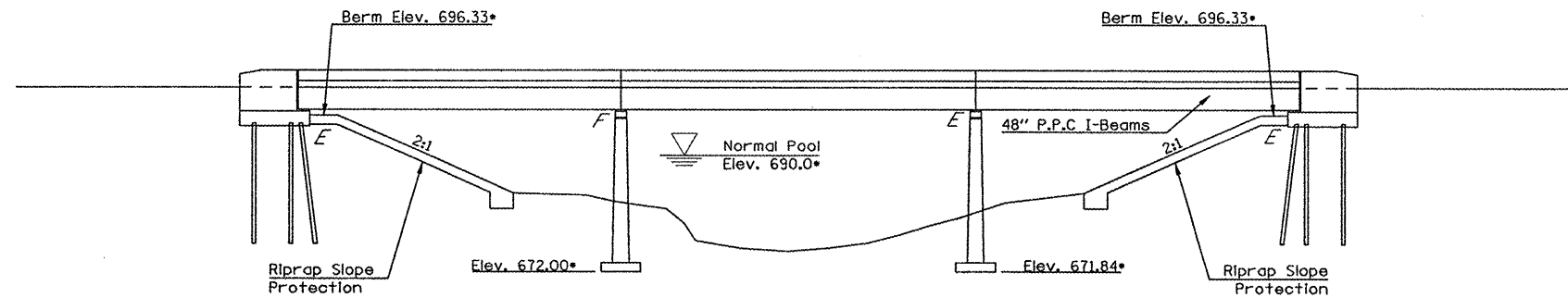


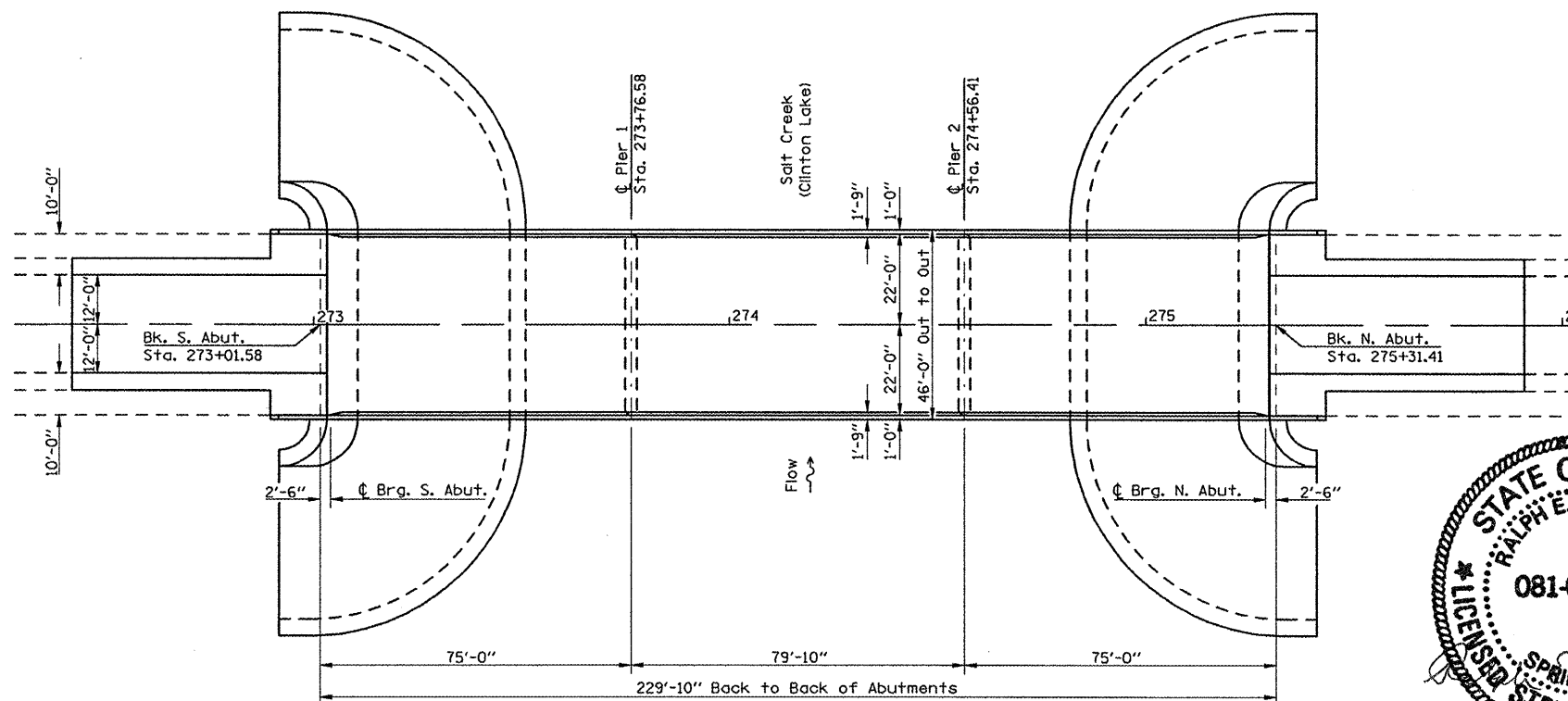
GENERAL PLAN & ELEVATION

S.N. 020-0045



ELEVATION

* Elevations shown have been taken from As-Built plans and are included for perspective only.



PLAN

THE EXISTING STRUCTURE WAS BUILT IN 1976 BY THE STATE OF ILLINOIS AS F.A. ROUTE 65, SECTION 124BR AT STATION 274+16.50 IN DEWITT COUNTY. THE STRUCTURE CARRIES F.A.P. 760 (IL-48) OVER SALT CREEK (CLINTON LAKE) APPROXIMATELY 4 MILES NORTH OF WELDON.

THE SUPERSTRUCTURE CONSISTS OF AN 8" R.C. DECK WITH A WATERPROOFING MEMBRANE SYSTEM AND A 1 1/2" H.M.A. WEARING SURFACE SUPPORTED BY SIX 48" P.P.C. I-BEAMS. THE SUPERSTRUCTURE IS SUPPORTED BY TWO TAPERED-STEM PIERS ON SPREAD FOOTINGS AND STEEL PILES AND TWO SPILL-THRU ABUTMENTS ON STEEL PILES. THE STRUCTURE MEASURES 229'-10" FROM BACK TO BACK OF ABUTMENTS. THE DECK HAS A CLEAR WIDTH OF 42'-6" FROM FACE TO FACE OF CURB AND AN OUT-TO-OUT WIDTH OF 46'-0".

METHOD OF CONSTRUCTION: STAGE CONSTRUCTION
SEE PROPOSED IMPROVEMENTS ON THIS SHEET.

PROPOSED WORK

1. REMOVE EXISTING WATERPROOFING MEMBRANE SYSTEM AND H.M.A. WEARING SURFACE ON DECK.
2. MILL 1 3/4" OVER APPROACH PAVEMENTS.
3. PLACE NEW WATERPROOFING MEMBRANE SYSTEM AND 1 1/2" H.M.A. WEARING SURFACE ON BRIDGE DECK.
4. PLACE H.M.A. OVERLAY ON APPROACH PAVEMENTS.
5. REPLACE EXISTING NEOPRENE EXPANSION JOINTS WITH POLYMER CONCRETE NOSING AND SILICONE JOINT SEALER.

TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
H.M.A. SURFACE REMOVAL (DECK)	SQ YD	1070.0
H.M.A. SURFACE REMOVAL, 1 3/4"	SQ YD	470.0
WATERPROOFING MEMBRANE SYSTEM	SQ YD	1083.0
H.M.A. SURFACE CSE. MIX C, N-50	TON	143.0
DECK SLAB REPAIR (PARTIAL)	SQ YD	160.0
DECK SLAB REPAIR (FULL-DEPTH)	SQ YD	54.0
BITUMINOUS MATERIALS (PRIME COAT)	GAL	47.0
SILICONE JOINT SEALER, 2"	FOOT	90.0
POLYMER CONCRETE	CU FT	14.5
P.P.C. I-BEAM REPAIRS	L SUM	1.0
PUMPABLE CONCRETE MIX	CU FT	3.0

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE 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.

SEE SPECIAL PROVISION "DECK SLAB REPAIR" FOR ADDITIONAL REQUIREMENTS PERTAINING TO DECK SLAB REPAIR AND H.M.A. SURFACE REMOVAL (DECK).

THE EXISTING STRUCTURE HAS BEEN FOUND TO CONTAIN NO ASBESTOS.



Expires 11/30/2010

FILE NAME = c:\pwork\pwwid\SIMS\01\057031-shr-bridge-repair-plans.dgn	USER NAME = simsgn	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION S.N. 020-0045	F.A.P. RTE. = 760	SECTION = 124 BR-1	COUNTY = DEWITT	TOTAL SHEETS = 23	SHEET NO. = 4		
PLOT SCALE = 41.6516" / IN.	CHECKED -	REVISED -	SCALE: _____			SHEET NO. 1 OF 16 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 70531				
PLOT DATE = 2/19/2010	DATE -	REVISED -	FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT									