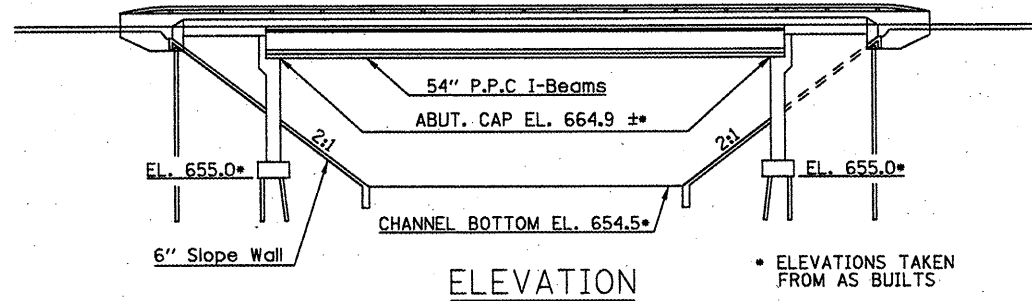
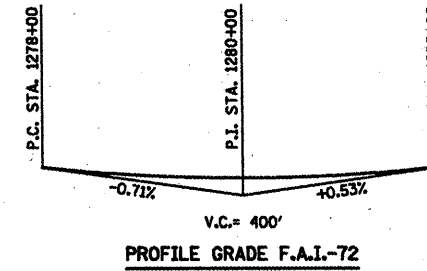


GENERAL PLAN & ELEVATION

S.N. 074-0063 & 074-0064



ELEVATIONS TAKEN FROM AS BUILTS



THE EXISTING DUAL MAINLINE STRUCTURES WERE BUILT IN 1975 AS FAI ROUTE 72, SECTION 74-68B AT STATION 1280+00 IN PIATT COUNTY. THE SUPERSTRUCTURE CONSISTS OF SIX 54" P.P.C. I-BEAMS SUPPORTING A 7 1/2" R.C. DECK AND A 1 1/2" HOT MIX ASPHALT WEARING SURFACE WITH A WATERPROOFING MEMBRANE SYSTEM. THE SUPERSTRUCTURE IS SUPPORTED BY TWO CLOSED ABUTMENTS ON CONCRETE PILES. THE EXISTING STRUCTURES MEASURE 107'-2" FROM BACK TO BACK OF ABUTMENTS AND 42'-0" OUT TO OUT OF DECK. THE HORIZONTAL CLEARANCE IS 40'-0" FROM FACE TO FACE OF PARAPET.

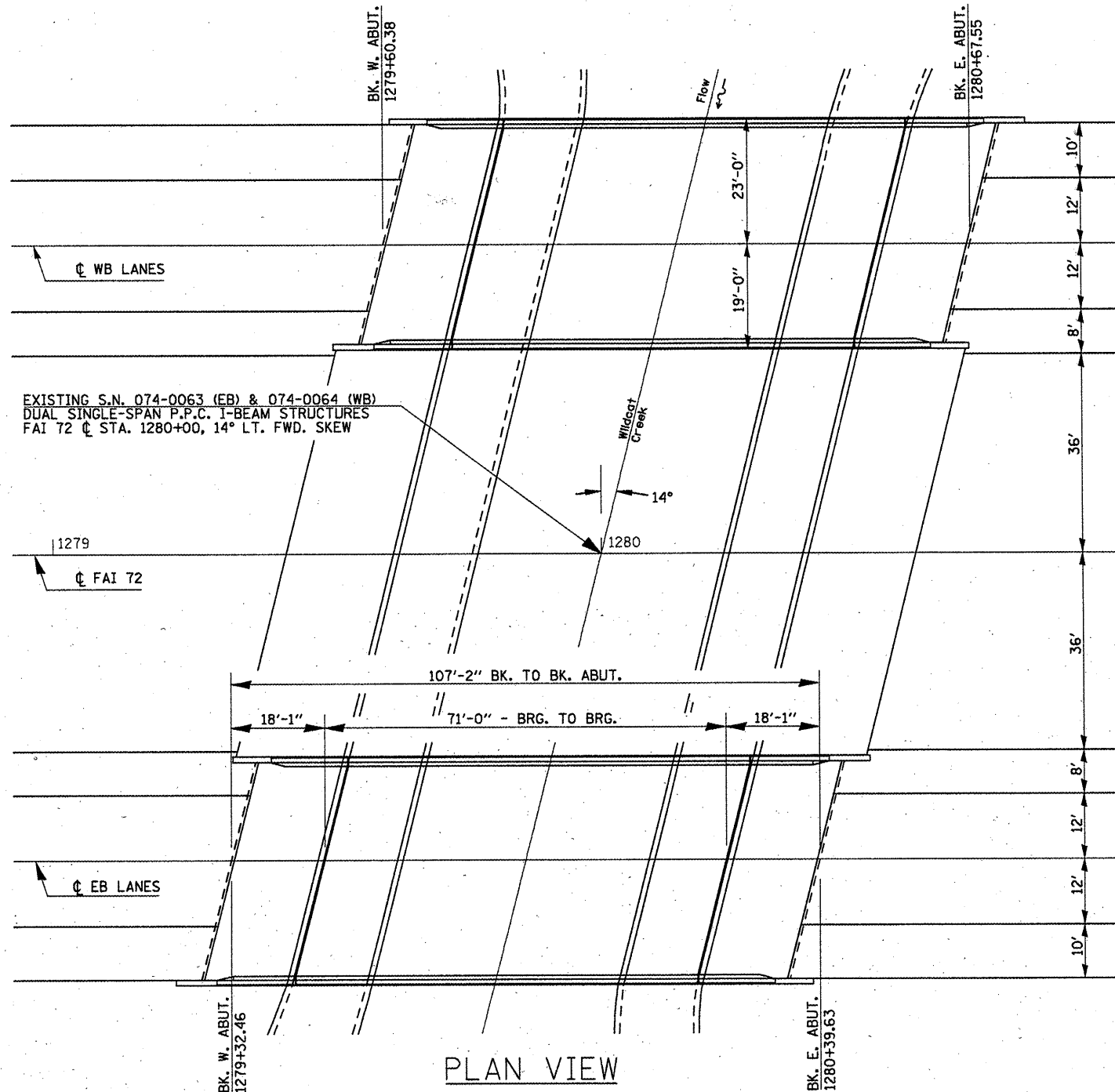
SEE LIST OF PROPOSED IMPROVEMENTS ON THIS SHEET.
TRAFFIC SHALL BE MAINTAINED USING STAGE CONSTRUCTION.

PROPOSED IMPROVEMENTS

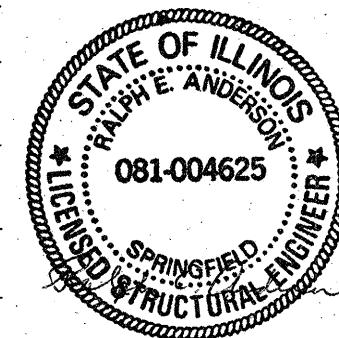
1. REMOVAL OF THE EXISTING HMA WEARING SURFACE AND WATERPROOFING MEMBRANE SYSTEM.
2. 1/2" DECK HYDRO-SCARIFICATION.
3. STRUCTURAL REPAIR OF CONCRETE ON NORTH PARAPET OF S.N. 074-0063.
4. PLACEMENT OF PROPOSED MICRO SILICA CONCRETE WEARING SURFACE.
5. REPLACE EXISTING PREFORMED JOINT SEALS WITH SILICONE JOINT SEALER.
6. PLUG DECK DRAINS AT ABUTMENTS AND ALTERNATES.

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.



EXISTING S.N. 074-0063 (EB) & 074-0064 (WB) DUAL SINGLE-SPAN P.P.C. I-BEAM STRUCTURES FAI 72 @ STA. 1280+00, 14° LT. FWD. SKEW



Expires 11/30/2010

TOTAL BILL OF MATERIALS - TWO STRUCTURES

ITEM	UNIT	TOTAL
HMA SURFACE REMOVAL (DECK)	SQ YD	916.8
BRIDGE DECK HYDRO-SCARIFICATION, 1/2"	SQ YD	916.8
BRIDGE DECK MICROSILICA CONCRETE OVERLAY, 2 1/4"	SQ YD	916.8
BRIDGE DECK GROOVING	SQ YD	869.2
PROTECTIVE COAT	SQ YD	916.8
STRUCTURAL REPAIR OF CONCRETE (DEPTH <= 5")	SQ FT	24.0
SILICONE JOINT SEALER, 2"	FOOT	165.0
POLYMER CONCRETE	CU FT	16.0
PLUG EXISTING DECK DRAINS	EACH	24.0

QUANTITIES FOR TEMPORARY CONCRETE BARRIER AND RELOCATE TEMPORARY CONCRETE BARRIER INCLUDED IN ROADWAY PLANS.

FILE NAME =	USER NAME = p1ersonbr	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION S.N. 074-0063 & 074-0064	F.A.I. RTE. 72	SECTION (58,74-66)&(74-67&68)RS-1	COUNTY PIATT	TOTAL SHEETS 251	SHEET NO. 163
22-Bridge Repair Plan.dgn				SCALE: SHEET NO. 1 OF 9 SHEETS STA. TO STA.						
PLOT SCALE = 48.0000" / IN.				ILLINOIS FED. AID PROJECT						
PLOT DATE = 2/8/2010				CONTRACT NO. T0022						