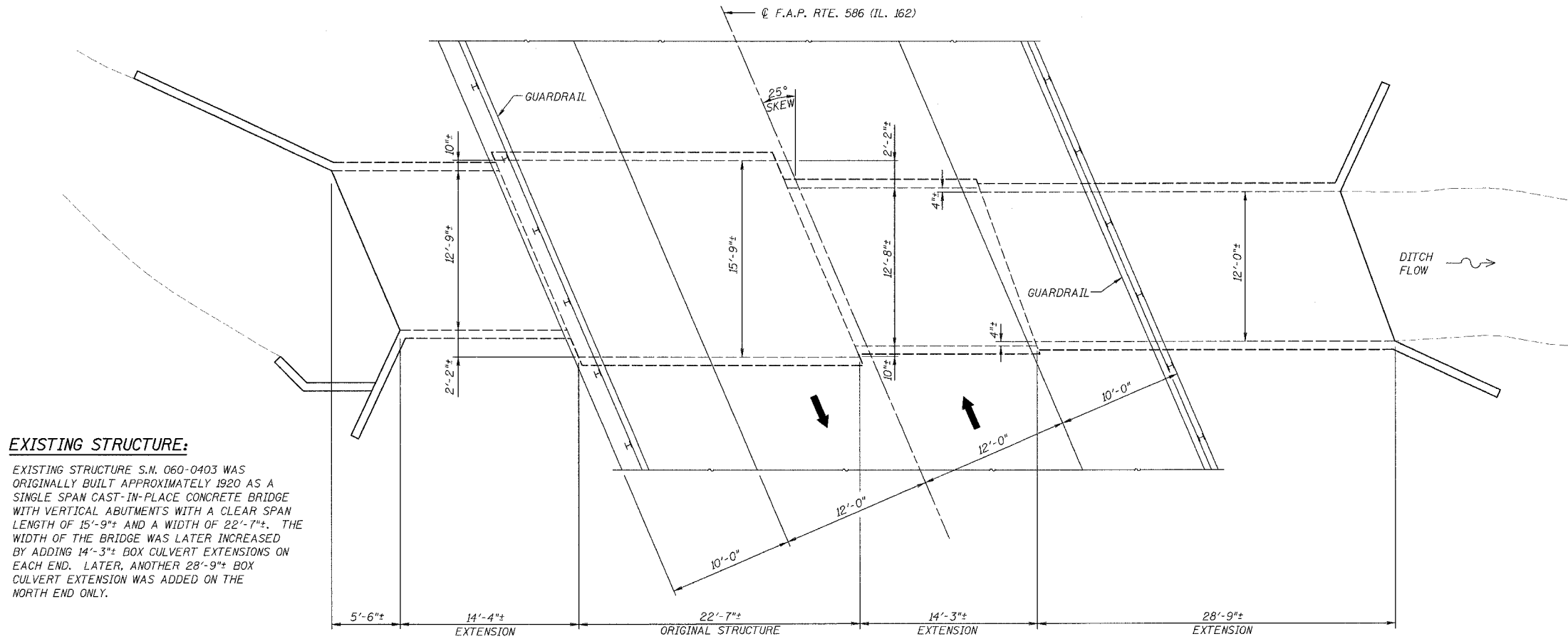


016P-ILLDGM AUG. 10, 2004

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 586	60R-2, 37R-1	MADISON	502	233

SHEET 1 OF 2 SHEETS

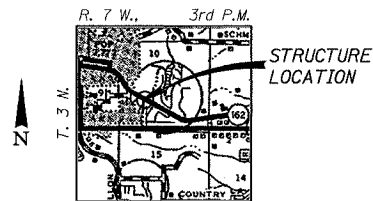


EXISTING STRUCTURE:

EXISTING STRUCTURE S.N. 060-0403 WAS ORIGINALLY BUILT APPROXIMATELY 1920 AS A SINGLE SPAN CAST-IN-PLACE CONCRETE BRIDGE WITH VERTICAL ABUTMENTS WITH A CLEAR SPAN LENGTH OF 15'-9"± AND A WIDTH OF 22'-7"±. THE WIDTH OF THE BRIDGE WAS LATER INCREASED BY ADDING 14'-3"± BOX CULVERT EXTENSIONS ON EACH END. LATER, ANOTHER 28'-9"± BOX CULVERT EXTENSION WAS ADDED ON THE NORTH END ONLY.

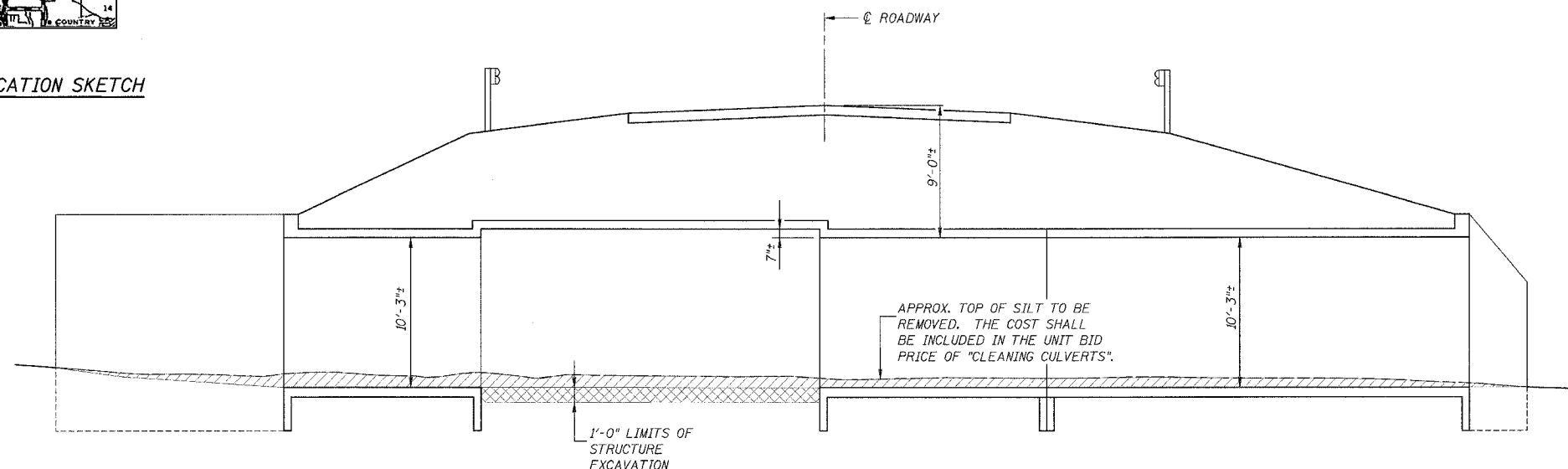
BILL OF MATERIAL

ITEM	UNIT	QUANTITY
CLEANING CULVERTS	L. SUM	1
CLEANING AND PAINTING EXPOSED REBAR	SQ. FT.	225
POROUS GRANULAR BACKFILL	TON	14
STRUCTURE EXCAVATION	CU. YD.	14
CONCRETE STRUCTURES	CU. YD.	6.6
REINFORCEMENT BARS, EPOXY COATED	POUND	540



LOCATION SKETCH

CULVERT PLAN



LONGITUDINAL CULVERT SECTION

GENERAL NOTES

1. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31 OR M-322, GRADE 60.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DIVERT THE STREAM FLOW DURING CONSTRUCTION IN ORDER TO MAINTAIN FLOW AND KEEP THE CONSTRUCTION AREAS FREE OF WATER. THE METHOD OF DIVERSION SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND THE COST SHALL BE INCLUDED IN THE UNIT BID PRICE OF "CONCRETE STRUCTURES".
3. PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD 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 THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

DESIGNED:	B.G.H.
CHECKED:	L.D.G.
DRAWN:	K.H.L.
CHECKED:	B.G.H.

Bradley G. Hummert DATE 8/10/04

BRADLEY G. HUMMERT
LICENSED STRUCTURAL ENGINEER
IN CARLYLE, ILLINOIS
NO. 081-005428



EXPIRES: NOVEMBER 30, 2004

APPROVED
FOR STRUCTURAL ADEQUACY ONLY

Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

GENERAL PLAN
F.A.P. ROUTE 586 (IL. 162)
OVER UNNAMED TRIBUTARY
SECTION 60R-2, 37R-1
MADISON COUNTY
S.N. 060-0403

H.M. & G. MO. 5003.III