



FRAMING PLAN - UNIT 'E'
SCALE: 1/16" = 1'-0"

NOTE 'A':
DIAPHRAGMS D₄ THRU D₄ - 12 WF 40
DIAPHRAGMS D₅ THRU D₇ - 16 WF 36
FOR DIAPHRAGM LENGTHS & NO. REQUIRED,
SEE 'TABLE II', SH. 72.

NOTES:
FOR GENERAL FRAMING PLAN, SEE SH. 67.
FOR STRUCTURAL STEEL NOTES, SEE SH. 5.
FOR TYPICAL BEAM ELEVATION & DETAILS, SEE SH. 72.
FOR TOP/WF ELEVATIONS, SEE SH. 72.
FOR DIAPHRAGM DETAILS, SEE SH. 73 & SH. 74.
FOR TABLES OF MOMENTS, REACTIONS & PROPERTIES, SEE SH. 75.
FOR DETAILS OF CONDUIT SUPPORT BRACKETS, SEE SH. 81.

INCLUDES 6,546 LBS. FOR SHEAR CONNECTORS

BILL OF MATERIAL **		
ITEM	UNIT	QUANTITY
FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	1,142,092*

** INCLUDES ALL STRUCTURAL STEEL IN UNIT 'E' EXCEPT BEARINGS AND EXPANSION GUARDS.

ILLINOIS DIVISION OF HIGHWAYS	
SOUTHWEST EXPRESSWAY	
LAWNDALE AVE. VIADUCT	
FRAMING PLAN	
UNIT "E"	
SCALE: AS NOTED	DATE: 11-25-1999

DE LEUM, CATHAR & CO. ENGINEERS
DESIGNED BY T. BRUNOVSKIS
DRAWN BY J. CHALIKIS
CHECKED *[Signature]*
IN CHARGE E.S. MARTINS
APPROVED L.H. RIAN

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		CHECKED - RMM	1. REVISED -
		DRAWN - FSM	2. REVISED -
		CHECKED - RMM	3. REVISED -
			4. REVISED -

FOR INFORMATION ONLY				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	479
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J16	

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