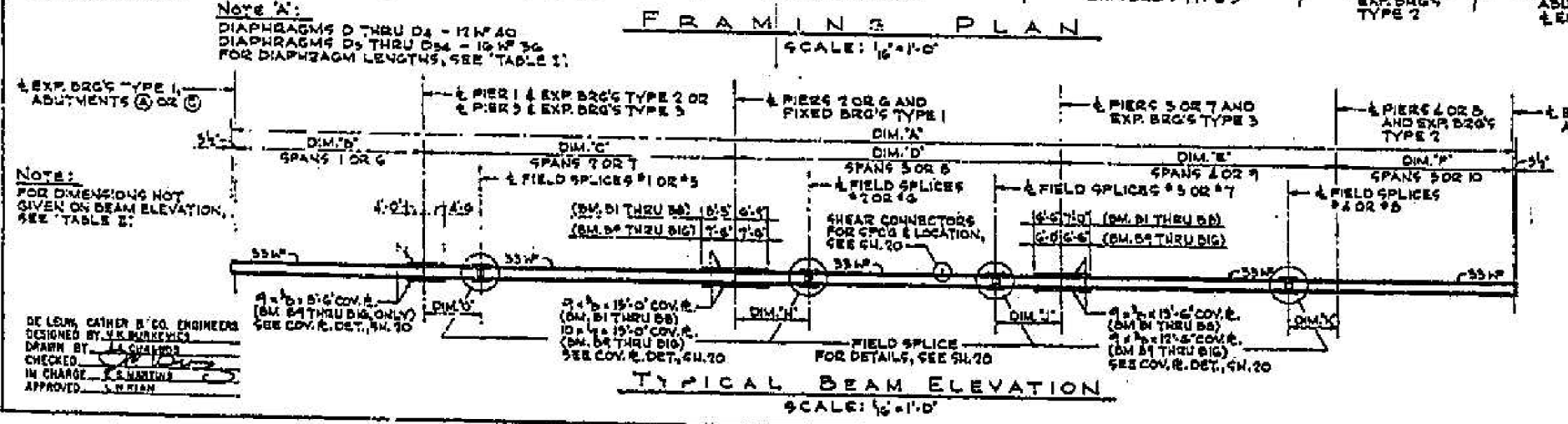


DIAPH.	LENGTH	NO. REQ'D	DIAPH.	LENGTH	NO. REQ'D
D0	7'-1 1/2"	20	D18	6'-5 1/2"	1
D1	5'-1 1/2"	2	D19	6'-5 1/2"	1
D2	7'-1 1/2"	2	D20	6'-1 1/2"	1
D3	7'-0 1/2"	2	D21	6'-2 1/2"	1
D4	5'-7 1/2"	2	D22	5'-11 1/2"	1
D5	7'-0"	60	D23	5'-11 1/2"	1
D6	5'-2 1/2"	1	D24	5'-9 1/2"	1
D7	5'-7 1/2"	1	D25	5'-9 1/2"	1
D8	5'-7 1/2"	1	D26	5'-7 1/2"	1
D9	5'-7 1/2"	1	D27	5'-7 1/2"	1
D10	5'-10 1/2"	1	D28	7'-0"	40
D11	5'-10 1/2"	1	D29	5'-9 1/2"	1
D12	6'-4 1/2"	1	D30	5'-9 1/2"	1
D13	6'-2 1/2"	1	D31	6'-1 1/2"	1
D14	6'-7 1/2"	1	D32	6'-0 1/2"	1
D15	6'-6 1/2"	1	D33	6'-10"	1
D16	7'-0 1/2"	1	D34	6'-9 1/2"	1
D17	7'-0 1/2"	1	D35	7'-5 1/2"	1
D18	7'-3 1/2"	1	D36	7'-5 1/2"	1
D19	7'-3 1/2"	1	D37	6'-6 1/2"	1
D20	7'-8 1/2"	1	D38	6'-8 1/2"	1
D21	7'-8 1/2"	1	D39	6'-4 1/2"	1
D22	6'-10"	1	D40	6'-4 1/2"	1
D23	6'-10 1/2"	1	D41	6'-0 1/2"	1
D24	6'-7 1/2"	1	D42	6'-0 1/2"	1
D25	6'-7 1/2"	1	D43	5'-9 1/2"	1
D26	6'-6 1/2"	1	D44	5'-9 1/2"	1
D27	6'-6 1/2"	1	D45	5'-9 1/2"	1
D28	6'-7 1/2"	1	D46	5'-9 1/2"	1
D29	6'-6 1/2"	1	D47	5'-9 1/2"	1
D30	6'-6 1/2"	1	D48	5'-9 1/2"	1
D31	6'-6 1/2"	1	D49	5'-9 1/2"	1
D32	6'-6 1/2"	1	D50	5'-9 1/2"	1
D33	6'-6 1/2"	1	D51	5'-9 1/2"	1
D34	6'-6 1/2"	1	D52	5'-9 1/2"	1
D35	6'-6 1/2"	1	D53	5'-9 1/2"	1
D36	6'-6 1/2"	1	D54	5'-9 1/2"	1
D37	6'-6 1/2"	1	D55	5'-9 1/2"	1
D38	6'-6 1/2"	1	D56	5'-9 1/2"	1
D39	6'-6 1/2"	1	D57	5'-9 1/2"	1
D40	6'-6 1/2"	1	D58	5'-9 1/2"	1
D41	6'-6 1/2"	1	D59	5'-9 1/2"	1
D42	6'-6 1/2"	1	D60	5'-9 1/2"	1
D43	6'-6 1/2"	1	D61	5'-9 1/2"	1
D44	6'-6 1/2"	1	D62	5'-9 1/2"	1
D45	6'-6 1/2"	1	D63	5'-9 1/2"	1
D46	6'-6 1/2"	1	D64	5'-9 1/2"	1
D47	6'-6 1/2"	1	D65	5'-9 1/2"	1
D48	6'-6 1/2"	1	D66	5'-9 1/2"	1
D49	6'-6 1/2"	1	D67	5'-9 1/2"	1
D50	6'-6 1/2"	1	D68	5'-9 1/2"	1
D51	6'-6 1/2"	1	D69	5'-9 1/2"	1
D52	6'-6 1/2"	1	D70	5'-9 1/2"	1
D53	6'-6 1/2"	1	D71	5'-9 1/2"	1
D54	6'-6 1/2"	1	D72	5'-9 1/2"	1
D55	6'-6 1/2"	1	D73	5'-9 1/2"	1
D56	6'-6 1/2"	1	D74	5'-9 1/2"	1
D57	6'-6 1/2"	1	D75	5'-9 1/2"	1
D58	6'-6 1/2"	1	D76	5'-9 1/2"	1
D59	6'-6 1/2"	1	D77	5'-9 1/2"	1
D60	6'-6 1/2"	1	D78	5'-9 1/2"	1
D61	6'-6 1/2"	1	D79	5'-9 1/2"	1
D62	6'-6 1/2"	1	D80	5'-9 1/2"	1
D63	6'-6 1/2"	1	D81	5'-9 1/2"	1
D64	6'-6 1/2"	1	D82	5'-9 1/2"	1
D65	6'-6 1/2"	1	D83	5'-9 1/2"	1
D66	6'-6 1/2"	1	D84	5'-9 1/2"	1
D67	6'-6 1/2"	1	D85	5'-9 1/2"	1
D68	6'-6 1/2"	1	D86	5'-9 1/2"	1
D69	6'-6 1/2"	1	D87	5'-9 1/2"	1
D70	6'-6 1/2"	1	D88	5'-9 1/2"	1
D71	6'-6 1/2"	1	D89	5'-9 1/2"	1
D72	6'-6 1/2"	1	D90	5'-9 1/2"	1
D73	6'-6 1/2"	1	D91	5'-9 1/2"	1
D74	6'-6 1/2"	1	D92	5'-9 1/2"	1
D75	6'-6 1/2"	1	D93	5'-9 1/2"	1
D76	6'-6 1/2"	1	D94	5'-9 1/2"	1
D77	6'-6 1/2"	1	D95	5'-9 1/2"	1
D78	6'-6 1/2"	1	D96	5'-9 1/2"	1
D79	6'-6 1/2"	1	D97	5'-9 1/2"	1
D80	6'-6 1/2"	1	D98	5'-9 1/2"	1
D81	6'-6 1/2"	1	D99	5'-9 1/2"	1
D82	6'-6 1/2"	1	D100	5'-9 1/2"	1
D83	6'-6 1/2"	1	D101	5'-9 1/2"	1
D84	6'-6 1/2"	1	D102	5'-9 1/2"	1
D85	6'-6 1/2"	1	D103	5'-9 1/2"	1
D86	6'-6 1/2"	1	D104	5'-9 1/2"	1
D87	6'-6 1/2"	1	D105	5'-9 1/2"	1
D88	6'-6 1/2"	1	D106	5'-9 1/2"	1
D89	6'-6 1/2"	1	D107	5'-9 1/2"	1
D90	6'-6 1/2"	1	D108	5'-9 1/2"	1
D91	6'-6 1/2"	1	D109	5'-9 1/2"	1
D92	6'-6 1/2"	1	D110	5'-9 1/2"	1
D93	6'-6 1/2"	1	D111	5'-9 1/2"	1
D94	6'-6 1/2"	1	D112	5'-9 1/2"	1
D95	6'-6 1/2"	1	D113	5'-9 1/2"	1
D96	6'-6 1/2"	1	D114	5'-9 1/2"	1
D97	6'-6 1/2"	1	D115	5'-9 1/2"	1
D98	6'-6 1/2"	1	D116	5'-9 1/2"	1
D99	6'-6 1/2"	1	D117	5'-9 1/2"	1
D100	6'-6 1/2"	1	D118	5'-9 1/2"	1
D101	6'-6 1/2"	1	D119	5'-9 1/2"	1
D102	6'-6 1/2"	1	D120	5'-9 1/2"	1

* LENGTH DIMENSION GIVEN IS TO CENTER OF BEAMS.

BEAM DIM.	D1	D2	D3	D4	D5	D6
A	78'-0"	78'-0 1/2"	77'-9"	78'-0"	78'-0 1/2"	79'-0 1/2"
B	21'-4 1/2"	41'-3 1/2"	41'-3"	47'-4"	47'-4 1/2"	21'-4 1/2"
C	67'-9 1/2"	67'-8 1/2"	67'-7"	70'-1"	70'-1 1/2"	70'-2 1/2"
D	74'-6 1/2"	74'-9 1/2"	74'-1"	74'-1"	74'-1 1/2"	74'-2 1/2"
E	60'-7 1/2"	60'-6 1/2"	60'-5"	61'-0"	61'-0 1/2"	61'-1 1/2"
F	40'-7 1/2"	40'-6 1/2"	40'-6"	40'-0"	40'-0 1/2"	40'-0 1/2"
G	10'-10 1/2"	10'-10 1/2"	10'-10"	12'-7 1/2"	12'-7 1/2"	12'-7 1/2"
H	14'-8 1/2"	14'-8 1/2"	14'-8"	16'-8"	16'-8 1/2"	16'-8 1/2"
I	14'-3 1/2"	14'-3 1/2"	14'-3"	14'-11"	14'-11 1/2"	14'-11 1/2"
J	10'-6 1/2"	10'-6 1/2"	10'-6"	10'-8"	10'-8 1/2"	10'-8 1/2"



NOTES:
 FOR STRUCTURAL STEEL DESIGNATION, SEE GENERAL NOTES 5H, 3.
 FOR DIAPHRAGM DETAILS, SEE SH. 20.
 FOR TABLE TOP/WF ELEVATIONS, SEE SH. 20.

ITEM	UNIT	QUANTITY
FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	635,040

* INCLUDES ALL STRUCTURAL STEEL SHOWN ON THIS SHEET AND SHEET 20.

ILLINOIS DIVISION OF HIGHWAYS
 SOUTHWEST EXPRESSWAY
LAWDALE AVE. OVER FA. I. 55
 FRAMING PLAN
 SCALE: AS NOTED



Alfred Benesch & Company
 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-565-0450 Job No. 10093

FILE NAME =	USER NAME = ksnider	DESIGNED - KMS	REVISED -
0161510.60W77.051.Existing.Plans.8.dgn		CHECKED - JHG	REVISED -
		DRAWN - KMS	REVISED -
		CHECKED - JHG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (8 OF 8)
 STRUCTURE NO. 016-1510
 SHEET NO. S4X8 OF S4X8 SHEETS

FOR INFORMATION ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	(0707-608&611)H&B	COOK	177	116
				CONTRACT NO. 60W77
ILLINOIS FED. AID PROJECT				

X:\100000\10093\Eng-Docs-Phase_1\1510-016-1510-1st.Ave.cover-155\Final\1510-Final\0161510-60W77-051-Existing.Plans-8.dgn
 11:01:43 AM
 6/23/2014