

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	115(BY)-DBR	VERMILION	93	52
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 5
SHEETS 20

CONTRACT NO. 90843

**© F.A.P. 711 PROFILE GRADE LINE &
STAGE CONST. LINE**

BEAM 1

Location	Station	Offset (L.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	285+95.46	16'-5 1/2"	657.53	657.52
© W. Abut.	286+00.46	16'-5 1/2"	657.53	657.53
A	286+10.46	16'-5 1/2"	657.54	657.56
B	286+20.46	16'-5 1/2"	657.54	657.57
C	286+30.46	16'-5 1/2"	657.54	657.57
D	286+40.46	16'-5 1/2"	657.55	657.58
E	286+50.46	16'-5 1/2"	657.55	657.56
© PIER 1	286+57.96	16'-5 1/2"	657.56	657.56
F	286+67.96	16'-5 1/2"	657.56	657.59
G	286+77.96	16'-5 1/2"	657.56	657.62
H	286+87.96	16'-5 1/2"	657.57	657.64
I	286+97.96	16'-5 1/2"	657.57	657.64
J	287+07.96	16'-5 1/2"	657.58	657.64
K	287+17.96	16'-5 1/2"	657.58	657.61
© PIER 2	287+28.96	16'-5 1/2"	657.58	657.58
L	287+38.96	16'-5 1/2"	657.59	657.61
M	287+48.96	16'-5 1/2"	657.59	657.62
N	287+58.96	16'-5 1/2"	657.60	657.63
O	287+68.96	16'-5 1/2"	657.60	657.63
P	287+78.96	16'-5 1/2"	657.60	657.61
© E. Abut.	287+86.46	16'-5 1/2"	657.61	657.61
Bk. E. Abut.	287+91.46	16'-5 1/2"	657.61	657.60

BEAM 2

Location	Station	Offset (L.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	285+88.87	9'-10 1/2"	657.65	657.64
© W. Abut.	285+93.87	9'-10 1/2"	657.65	657.65
A	286+03.87	9'-10 1/2"	657.66	657.68
B	286+13.87	9'-10 1/2"	657.66	657.69
C	286+23.87	9'-10 1/2"	657.66	657.69
D	286+33.87	9'-10 1/2"	657.67	657.70
E	286+43.87	9'-10 1/2"	657.67	657.68
© PIER 1	286+51.37	9'-10 1/2"	657.68	657.68
F	286+61.37	9'-10 1/2"	657.68	657.71
G	286+71.37	9'-10 1/2"	657.68	657.74
H	286+81.37	9'-10 1/2"	657.69	657.76
I	286+91.37	9'-10 1/2"	657.69	657.76
J	287+01.37	9'-10 1/2"	657.70	657.76
K	287+11.37	9'-10 1/2"	657.70	657.73
© PIER 2	287+22.37	9'-10 1/2"	657.70	657.70
L	287+32.37	9'-10 1/2"	657.71	657.73
M	287+42.37	9'-10 1/2"	657.71	657.74
N	287+52.37	9'-10 1/2"	657.72	657.75
O	287+62.37	9'-10 1/2"	657.72	657.75
P	287+72.37	9'-10 1/2"	657.72	657.73
© E. Abut.	287+79.87	9'-10 1/2"	657.73	657.73
Bk. E. Abut.	287+84.87	9'-10 1/2"	657.73	657.72

BEAM 3

Location	Station	Offset (L.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	285+82.29	3'-3 1/2"	657.75	657.74
© W. Abut.	285+87.29	3'-3 1/2"	657.75	657.75
A	285+97.29	3'-3 1/2"	657.76	657.78
B	286+07.29	3'-3 1/2"	657.76	657.79
C	286+17.29	3'-3 1/2"	657.76	657.79
D	286+27.29	3'-3 1/2"	657.77	657.80
E	286+37.29	3'-3 1/2"	657.77	657.78
© PIER 1	286+44.79	3'-3 1/2"	657.78	657.78
F	286+54.79	3'-3 1/2"	657.78	657.81
G	286+64.79	3'-3 1/2"	657.78	657.84
H	286+74.79	3'-3 1/2"	657.79	657.86
I	286+84.79	3'-3 1/2"	657.79	657.86
J	286+94.79	3'-3 1/2"	657.80	657.86
K	287+04.79	3'-3 1/2"	657.80	657.83
© PIER 2	287+15.79	3'-3 1/2"	657.80	657.80
L	287+25.79	3'-3 1/2"	657.81	657.83
M	287+35.79	3'-3 1/2"	657.81	657.84
N	287+45.79	3'-3 1/2"	657.82	657.85
O	287+55.79	3'-3 1/2"	657.82	657.85
P	287+65.79	3'-3 1/2"	657.82	657.83
© E. Abut.	287+73.29	3'-3 1/2"	657.83	657.83
Bk. E. Abut.	287+78.29	3'-3 1/2"	657.83	657.82

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	285+79.00	0	657.80	657.79
© W. Abut.	285+84.00	0	657.80	657.80
A	285+94.00	0	657.81	657.83
B	286+04.00	0	657.81	657.84
C	286+14.00	0	657.81	657.84
D	286+24.00	0	657.82	657.85
E	286+34.00	0	657.82	657.83
© PIER 1	286+41.50	0	657.83	657.83
F	286+51.50	0	657.83	657.86
G	286+61.50	0	657.83	657.89
H	286+71.50	0	657.84	657.91
I	286+81.50	0	657.84	657.91
J	286+91.50	0	657.85	657.91
K	287+01.50	0	657.85	657.88
© PIER 2	287+12.50	0	657.85	657.85
L	287+22.50	0	657.86	657.88
M	287+32.50	0	657.86	657.89
N	287+42.50	0	657.87	657.90
O	287+52.50	0	657.87	657.90
P	287+62.50	0	657.87	657.88
© E. Abut.	287+70.00	0	657.88	657.88
Bk. E. Abut.	287+75.00	0	657.88	657.87

BEAM 4

Location	Station	Offset (Rt.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	285+75.71	3'-3 1/2"	657.75	657.74
© W. Abut.	285+80.71	3'-3 1/2"	657.75	657.75
A	285+90.71	3'-3 1/2"	657.76	657.78
B	286+00.71	3'-3 1/2"	657.76	657.79
C	286+10.71	3'-3 1/2"	657.76	657.79
D	286+20.71	3'-3 1/2"	657.77	657.80
E	286+30.71	3'-3 1/2"	657.77	657.78
© PIER 1	286+38.21	3'-3 1/2"	657.78	657.78
F	286+48.21	3'-3 1/2"	657.78	657.81
G	286+58.21	3'-3 1/2"	657.78	657.84
H	286+68.21	3'-3 1/2"	657.79	657.86
I	286+78.21	3'-3 1/2"	657.79	657.86
J	286+88.21	3'-3 1/2"	657.80	657.86
K	286+98.21	3'-3 1/2"	657.80	657.83
© PIER 2	287+09.21	3'-3 1/2"	657.80	657.80
L	287+19.21	3'-3 1/2"	657.81	657.83
M	287+29.21	3'-3 1/2"	657.81	657.84
N	287+39.21	3'-3 1/2"	657.82	657.85
O	287+49.21	3'-3 1/2"	657.82	657.85
P	287+59.21	3'-3 1/2"	657.82	657.83
© E. Abut.	287+66.71	3'-3 1/2"	657.83	657.83
Bk. E. Abut.	287+71.71	3'-3 1/2"	657.83	657.82

BEAM 5

Location	Station	Offset (Rt.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	285+69.13	9'-10 1/2"	657.65	657.64
© W. Abut.	285+74.13	9'-10 1/2"	657.65	657.65
A	285+84.13	9'-10 1/2"	657.66	657.68
B	285+94.13	9'-10 1/2"	657.66	657.69
C	286+04.13	9'-10 1/2"	657.66	657.69
D	286+14.13	9'-10 1/2"	657.67	657.70
E	286+24.13	9'-10 1/2"	657.67	657.68
© PIER 1	286+31.63	9'-10 1/2"	657.68	657.68
F	286+41.63	9'-10 1/2"	657.68	657.71
G	286+51.63	9'-10 1/2"	657.68	657.74
H	286+61.63	9'-10 1/2"	657.69	657.76
I	286+71.63	9'-10 1/2"	657.69	657.76
J	286+81.63	9'-10 1/2"	657.70	657.76
K	286+91.63	9'-10 1/2"	657.70	657.73
© PIER 2	287+02.63	9'-10 1/2"	657.70	657.70
L	287+12.63	9'-10 1/2"	657.71	657.73
M	287+22.63	9'-10 1/2"	657.71	657.74
N	287+32.63	9'-10 1/2"	657.72	657.75
O	287+42.63	9'-10 1/2"	657.72	657.75
P	287+52.63	9'-10 1/2"	657.72	657.73
© E. Abut.	287+60.13	9'-10 1/2"	657.73	657.73
Bk. E. Abut.	287+65.13	9'-10 1/2"	657.73	657.72

BEAM 6

Location	Station	Offset (Rt.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	285+62.54	16'-5 1/2"	657.51	657.50
© W. Abut.	285+67.54	16'-5 1/2"	657.51	657.51
A	285+77.54	16'-5 1/2"	657.52	657.54
B	285+87.54	16'-5 1/2"	657.52	657.55
C	285+97.54	16'-5 1/2"	657.52	657.55
D	286+07.54	16'-5 1/2"	657.53	657.56
E	286+17.54	16'-5 1/2"	657.53	657.54
© PIER 1	286+25.04	16'-5 1/2"	657.54	657.54
F	286+35.04	16'-5 1/2"	657.54	657.57
G	286+45.04	16'-5 1/2"	657.54	657.60
H	286+55.04	16'-5 1/2"	657.55	657.62
I	286+65.04	16'-5 1/2"	657.55	657.62
J	286+75.04	16'-5 1/2"	657.56	657.62
K	286+85.04	16'-5 1/2"	657.56	657.59
© PIER 2	286+96.04	16'-5 1/2"	657.56	657.56
L	287+06.04	16'-5 1/2"	657.57	657.59
M	287+16.04	16'-5 1/2"	657.57	657.60
N	287+26.04	16'-5 1/2"	657.58	657.61
O	287+36.04	16'-5 1/2"	657.58	657.61
P	287+46.04	16'-5 1/2"	657.58	657.59
© E. Abut.	287+53.54	16'-5 1/2"	657.59	657.59
Bk. E. Abut.	287+58.54	16'-5 1/2"	657.59	657.58

Work this sheet with Sheet 4 of 20

ILLINOIS DEPARTMENT OF TRANSPORTATION
TOP OF SLAB ELEVATIONS 2 OF 2
U.S. ROUTE 136 OVER
BEAN CREEK
F.A.P. ROUTE 711
SECTION 115(BY)-DBR
VERMILION COUNTY
STA. 286+77.00
STRUCTURE NUMBER 092-0201

DATE: OCT. 2003

DRAWN BY: MLO/NJV
CHECKED BY: PBB/SJK