

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	(I-1) BR & I	LA SALLE	106	66
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. #6
OF 26 SHEETS

**Centerline - F.A.P. Rte. 627 (IL71)
& Profile Grade Line**

Beam 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of North Abut.	464+96.981	-16.177	561.616	561.616
☉ Piles North Abut.	464+98.285	-16.316	561.596	561.596
A	465+08.760	-17.256	561.466	561.499
B	465+19.287	-17.887	561.389	561.448
C	465+29.845	-18.206	561.364	561.437
D	465+40.414	-18.214	561.393	561.466
E	465+50.973	-17.910	561.476	561.536
F	465+61.501	-17.295	561.611	561.645
☉ Piles South Abut.	465+72.502	-16.316	561.809	561.809
Bk. of South Abut.	465+73.807	-16.177	561.837	561.837

Beam 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of North Abut.	465+00.655	17.791	562.936	562.936
☉ Piles North Abut.	465+01.837	17.665	562.919	562.919
A	465+11.318	16.815	562.812	562.845
B	465+20.837	16.245	562.750	562.809
C	465+30.380	15.956	562.731	562.804
D	465+39.930	15.949	562.758	562.831
E	465+49.473	16.224	562.829	562.889
F	465+58.994	16.780	562.944	562.978
☉ Piles South Abut.	465+68.951	17.665	563.112	563.112
Bk. of South Abut.	465+70.132	17.791	563.136	563.136

Beam 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of North Abut.	464+97.776	-9.386	561.878	561.878
☉ Piles North Abut.	464+99.054	-9.523	561.859	561.859
A	465+09.314	-10.443	561.735	561.768
B	465+19.623	-11.061	561.661	561.720
C	465+29.961	-11.374	561.638	561.711
D	465+40.309	-11.382	561.666	561.739
E	465+50.648	-11.084	561.746	561.806
F	465+60.958	-10.481	561.877	561.911
☉ Piles South Abut.	465+71.733	-9.523	562.069	562.069
Bk. of South Abut.	465+73.011	-9.386	562.095	562.095

Beam 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of North Abut.	464+99.273	4.199	562.406	562.406
☉ Piles North Abut.	465+00.501	4.069	562.388	562.388
A	465+10.356	3.185	562.273	562.306
B	465+20.255	2.592	562.205	562.264
C	465+30.179	2.291	562.185	562.258
D	465+40.112	2.284	562.212	562.285
E	465+50.037	2.570	562.287	562.347
F	465+59.937	3.148	562.410	562.444
☉ Piles South Abut.	465+70.287	4.069	562.589	562.589
Bk. of South Abut.	465+71.515	4.199	562.614	562.614

Beam 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of North Abut.	464+98.540	-2.594	562.142	562.142
☉ Piles North Abut.	464+99.792	-2.728	562.123	562.123
A	465+09.846	-3.630	562.004	562.037
B	465+19.945	-4.235	561.933	561.992
C	465+30.072	-4.541	561.911	561.984
D	465+40.208	-4.549	561.939	562.012
E	465+50.336	-4.257	562.017	562.077
F	465+60.437	-3.667	562.143	562.177
☉ Piles South Abut.	465+70.995	-2.728	562.329	562.329
Bk. of South Abut.	465+72.248	-2.594	562.354	562.354

Beam 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of North Abut.	464+99.977	10.995	562.671	562.671
☉ Piles North Abut.	465+01.182	10.866	562.653	562.653
A	465+10.847	10.000	562.543	562.576
B	465+20.552	9.418	562.477	562.536
C	465+30.281	9.124	562.458	562.531
D	465+40.019	9.116	562.485	562.558
E	465+49.750	9.397	562.558	562.618
F	465+59.456	9.964	562.677	562.711
☉ Piles South Abut.	465+69.606	10.866	562.851	562.851
Bk. of South Abut.	465+70.810	10.995	562.875	562.875

NOTE:

Work this sheet with Sheet H5.

TOP OF SLAB ELEVATIONS
IL ROUTE 71
OVER TRIBUTARY TO ILLINOIS RIVER
F.A.P. ROUTE 627 - SEC. (I-1) BR & I
LA SALLE COUNTY
STATION 465+35.39
STRUCTURE NO. 050-0239

DESIGNED BY J.M.L.	 <p>Farnsworth GROUP 2700 McGraw Drive Bloomington, Illinois 61704 309/893-8635, 309/893-8711 fax</p>	FILE NO. 24-6772
DRAWN BY D.J.M.		DATE 05-12-06
CHECKED BY M.S.W.		SHEET NO. 66 OF 106