

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	374
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO. 62111	

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F.I.O. Included For Information Only.

**GENERAL NOTES**

1. The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of AASHTO M270M Grade 345.
2. Reinforcement Bars shall conform to the requirements of AASHTO M 31M or M 322M, Grade 400.
3. Slope wall shall be reinforced with welded wire fabric, 152 x 152 - MN25.8 x MN 25.8 with a mass of 2.91 kg/m<sup>2</sup>
4. The Embankment Configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.
5. Plan dimensions and details relative to existing structures 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 work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
6. The Contractor shall drive two test piles in a permanent location, one each at west abutment and pier 2, as directed by the Engineer before ordering the remainder of piles.
7. All dimensions are in millimeters (mm) except as noted.
8. The existing structural steel coating contains lead based paint. The Contractor should take appropriate precautions to deal with the presence of lead on this project.
9. Construction joints shall be bonded.
10. Piles at east abutment shall not be driven until embankment has been in place for durations noted on Substructure Layout and Abutment drawings.
11. Conduits are shown in the bridge plans for location and installation purposes only. Refer to Electrical Raceway plans for details, pay items and quantities.
12. All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M 300, Type I.

**PGL I-94 WB**

SPLINE CURVE DATA	
Station	Elevation
33+390.000	189.923
33+395.000	189.947
33+400.000	189.969
33+405.000	189.989
33+410.000	190.008
33+415.000	190.024
33+420.000	190.040
33+425.000	190.053
33+430.000	190.066
33+435.000	190.076
33+440.000	190.085
33+445.000	190.092
33+450.000	190.098
33+455.000	190.104
33+460.000	190.103

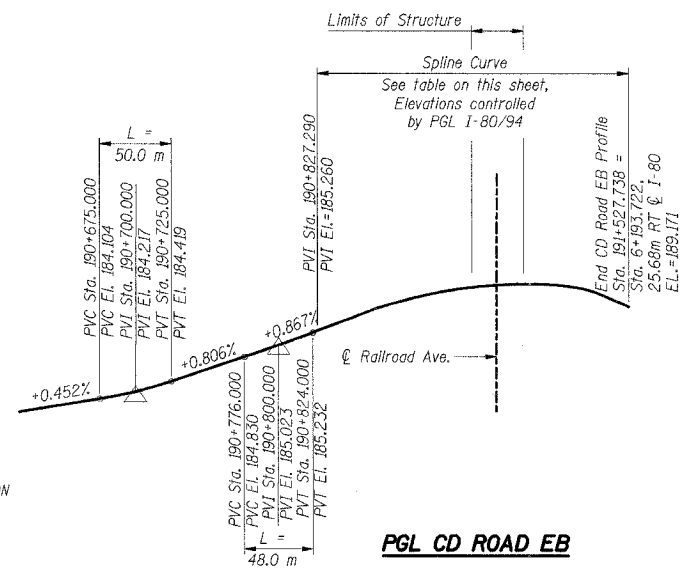
**PGL CD ROAD EB**

SPLINE CURVE DATA	
Station	Elevation
191+290.000	189.358
191+300.000	189.425
191+310.000	189.484
191+320.000	189.538
191+330.000	189.585
191+340.000	189.625
191+350.000	189.659
191+360.000	189.686
191+370.000	189.707
191+380.000	189.721
191+390.000	189.729
191+400.000	189.730
191+410.000	189.724
191+420.000	189.713
191+430.000	189.694
191+440.000	189.669

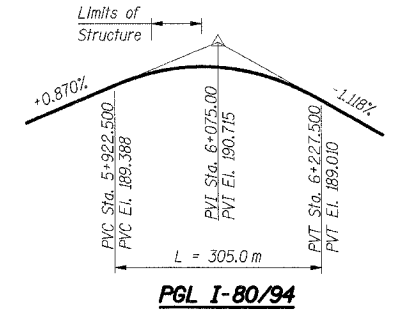
**TOTAL BILL OF MATERIAL**

ITEM	UNITS	SUBSTRUCTURE	SUPERSTRUCTURE	TOTAL
Removal Of Existing Structures No. 1	Each			1
Removal Of Temporary Soil Retention System	Sq M	345		345
Porous Granular Embankment (SPECIAL)	Cu M	593		593
Structure Excavation	Cu M	1,379		1,379
Concrete Structures	Cu M	504.8		504.8
Concrete Superstructure	Cu M		664.0	664.0
Elastomeric Bearing Assembly, Type I	Each		64	64
Bridge Deck Grooving	Sq M		2,176	2,176
Protective Coat ****	Sq M		2,392	2,392
Furnishing And Erecting Precast Prestressed Concrete I-Beams, 1372Mm	Meter		870.4	870.4
Furnishing And Erecting Structural Steel	Kg	1,600		1,600
Reinforcement Bars, Epoxy Coated	Kg	59,730	92,010	151,740
Furnishing Steel Piles HP310X79	Meter	2594.0		2594.0
Driving Steel Piles	Meter	2594.0		2594.0
Test Pile Steel HP310X79	Each	2		2
Temporary Soil Retention System	Sq M	124		124
Temporary Mechanically Stabilized Earth Retaining Wall	Sq M	510		510
Preformed Joint Seal 64mm	Meter		110	110
Bar Splicers	Each		264	264
Name Plates	Each		1	1
Slope Wall 100 mm	Sq M	1,016		1,016

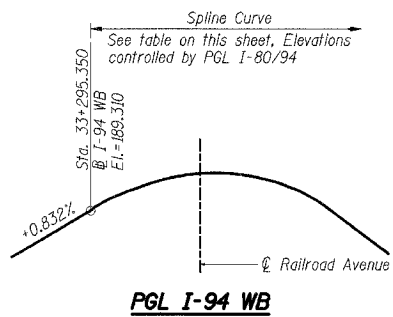
\*\*\*\* Quantity includes top and inside surfaces of parapets and top surface of bridge deck.



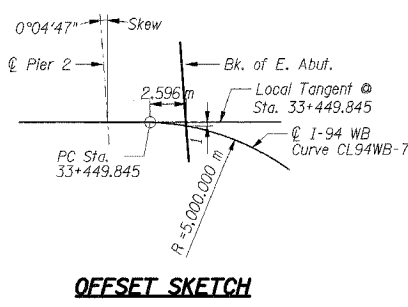
**PGL CD ROAD EB**



**PGL I-80/94**



**PGL I-94 WB**



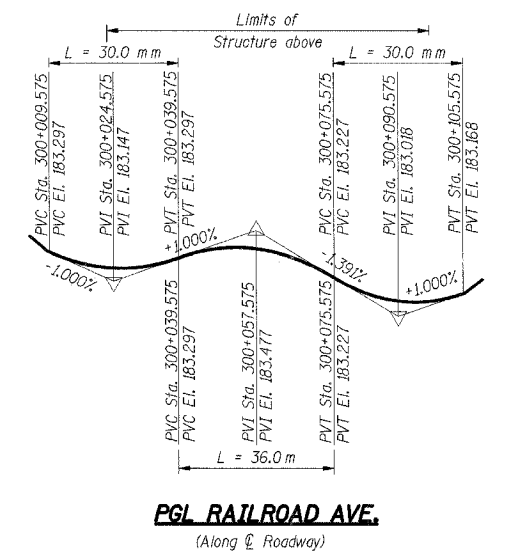
**OFFSET SKETCH**

**CURVE DATA CL94WB-7**

Δ = 1° 59' 08" (RT)  
 T = 86.648 m  
 L = 173.278 m  
 E = 0.751 m  
 R = 5,000.000 m  
 S.E. Run. = 0.0 %  
 P.C. Sta. = 33+449.845  
 P.T. Sta. = 33+623.122  
 PI Sta. = 33+536.492

**SHT. RS-2 OF 70**

REVISIONS	
NAME	DATE



**PGL RAILROAD AVE.**

(Along Railroad)

Notes:  
 1. All dimensions are in millimeters (mm) except as noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)  
 EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION  
 I-80/94 OVER RAILROAD AVENUE  
 STRUCTURE NO. 016-2792 STA. 6+025.000  
 SECTION 1977-121-R  
 COOK COUNTY

**GENERAL NOTES, INDEX OF SHEETS & TOTAL BILL OF MATERIAL**

DATE: 9/13/05  
 DRAWN BY: LG  
 CHECKED BY: MJK

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

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