

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts 7/8 in. ϕ , holes - 15/16 in. ϕ , unless otherwise noted.
 Calculated weight of Structural Steel = 163,300 Pounds (M270 Grade 50)
 7,370 Pounds (M270 Grade 36)

No field welding is permitted except as specified in the contract documents.
 Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.

Reinforcement bars designated (E) shall be epoxy coated.
 Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustments shall be made either by grinding the surface or by shimming the bearings.

Concrete Sealer shall be applied to the designated areas of the abutments and pier.

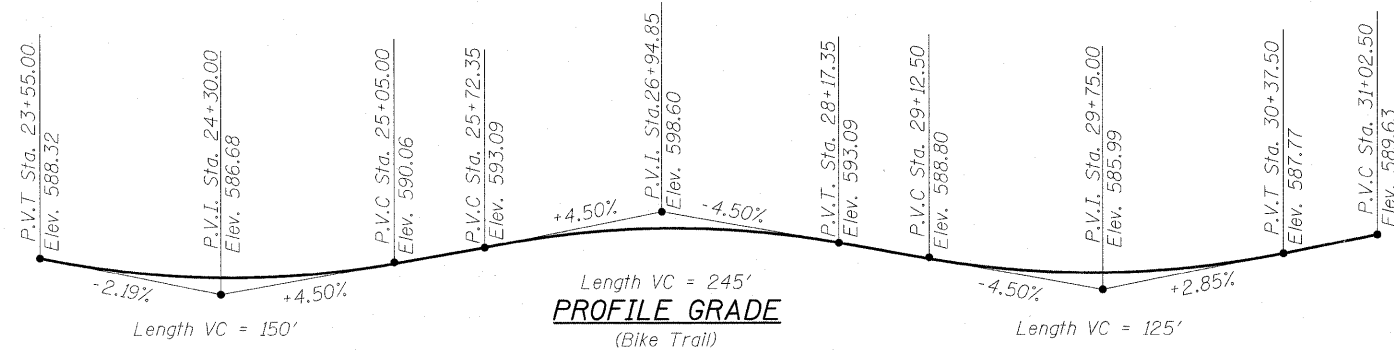
The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be gray, Munsell No. 5B 7/1. See Special Provision for "Cleaning and Painting New Metal Structures".

Slipforming of parapet is not allowed.
 Slipforming of I-57/70 median Barrier Curb on Pier face is not allowed.
 All concrete ride surfaces shall receive a brushed finish according to Article 424.06 of the Standard Specifications. The cost for finishing shall be included with PCC Pavement 6" or Concrete Superstructures.

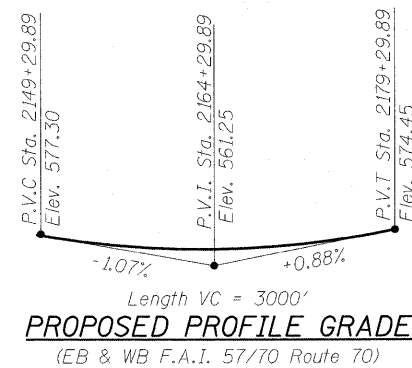
For Section thru abutment see sheets 23, 27 and 32 of 46.
 PCC Pavement 6" shall be according to Highway Standard 420601.
 PCC Pavement Fabric shall be according to Highway Standard 420701.
 The application of Protective Coat shall be excluded from the Portland Cement Pavement 6"

TOTAL BILL OF MATERIAL

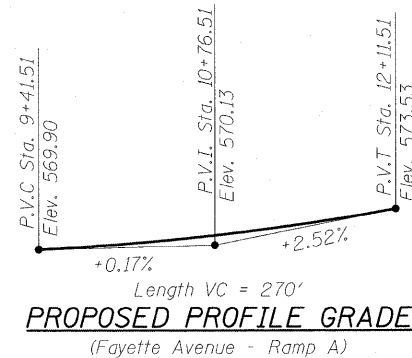
ITEM	UNIT	SUPER	SUB	MSE Wall	TOTAL
Aggregate Base Course, Type B 8"	Sq. Yd.			319	319
Structure Excavation	Cu. Yd.		66	1820	1886
Protective Coat	Sq. Yd.	668.4		584.9	1253.3
Concrete Structures	Cu. Yd.		110.8	4.2	115.0
Concrete Superstructure	Cu. Yd.	208.6		246.5	455.1
Form Liner Textured Surface	Sq. Ft.	1921	198	1079	3198
Furnishing and Erecting Structural Steel	L. Sum	1			1
Stud Shear Connectors	Each	954			954
Reinforcement Bars, Epoxy Coated	Pound	43,410	13,230	33,060	89,700
Furnishing Steel Piles HP 14x73	Foot		384		384
Driving Piles	Foot		248		248
Test Pile Steel HP 14x73	Each		2		2
File Shoes	Each		10		10
Name Plates	Each	1			1
Preformed Joint Strip Seal	Foot	30			30
Elastomeric Bearing Assembly, Type I	Each	6			6
Anchor Bolts, 1"	Each	18			18
Concrete Sealer	Sq. Ft.		1109		1109
Pipe Drains 6"	Foot			304	304
Bar Splicers	Each		46		46
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.			9175	9175
Bridge Fence Railing (Special)	Foot	520			520
Ornamental Fence	Foot			501	501
Setting Piles in Rock	Each		8		8
Mechanical Splicers	Each		112		112
Slope Wall 4 Inch	Sq. Yd.			14	14
Portland Cement Concrete Pavement 6"	Sq. Yd.			319	319
Pavement Fabric	Sq. Yd.			319	319
Frame and Grate, Type 20	Each			7	7



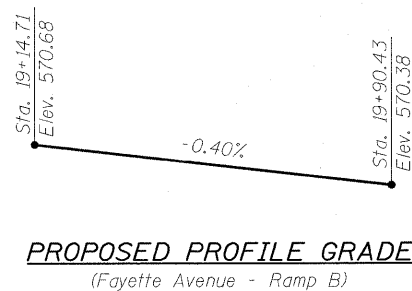
PROFILE GRADE
(Bike Trail)



PROPOSED PROFILE GRADE
(EB & WB F.A.I. 57/70 Route 70)



PROPOSED PROFILE GRADE
(Fayette Avenue - Ramp A)



PROPOSED PROFILE GRADE
(Fayette Avenue - Ramp B)

CURVE DATA (3A-3)

(Bike Trail)
 $\Delta = 30^{\circ}26'59"$ (LT)
 $D = 9^{\circ}30'12"$
 $T = 164.09'$
 $L = 320.41'$
 $E = 21.93'$
 $R = 602.91'$
 $S.E. = 2.00\%$
 $P.C. = Sta. 21+22.92$
 $P.T. = Sta. 24+43.33$
 $P.I. = Sta. 22+87.01$
 $e = 2.0\%$
 $S.E. Run 35.50'/42.80'$
 $S.E. Attained: Sta. 20+99.89 to Sta. 21+35.39$
 $S.E. Removed: Sta. 24+05.20 to Sta. 24+48.00$

CURVE DATA (3A-4)

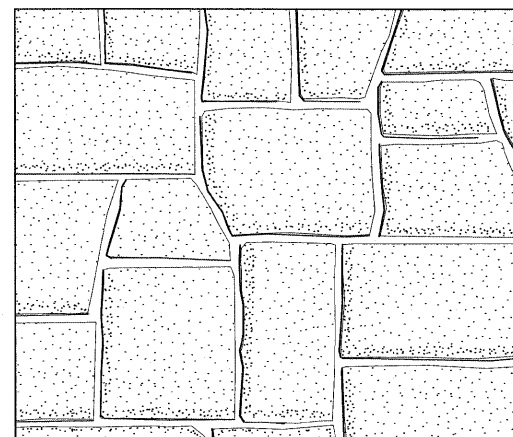
(Bike Trail)
 $\Delta = 66^{\circ}12'45"$ (RT)
 $D = 81^{\circ}51'04"$
 $T = 45.64'$
 $L = 80.89'$
 $E = 13.57'$
 $R = 70.00'$
 $S.E. = 2.00\%$
 $P.C. = Sta. 24+62.85$
 $P.T. = Sta. 25+43.75$
 $P.I. = Sta. 25+08.50$
 $e = 2.0\%$
 $S.E. Run 42.80'/27.51'$
 $S.E. Attained: Sta. 24+48.00 to Sta. 24+90.80$
 $S.E. Removed: Sta. 25+22.34 to Sta. 25+49.85$

CURVE DATA (3-5C)

(Bike Trail)
 $\Delta = 81^{\circ}59'02"$ (RT)
 $D = 114^{\circ}35'30"$
 $T = 43.45'$
 $L = 71.54'$
 $E = 16.24'$
 $R = 50.00'$
 $S.E. = 2.00\%$
 $P.C. = Sta. 28+30.03$
 $P.T. = Sta. 29+01.57$
 $P.I. = Sta. 28+73.48$
 $e = 2.0\%$
 $S.E. Run = 11.52'/60.55'$
 $S.E. Attained: Sta. 28+39.91 to Sta. 28+51+43$
 $S.E. Removed: Sta. 28+78.30 to Sta. 29+38.85$

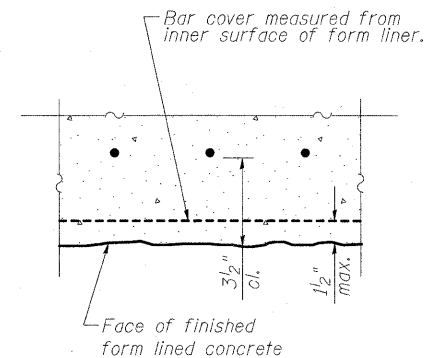
CURVE DATA (3A-6)

(Bike Trail)
 $\Delta = 11^{\circ}06'19"$ (LT)
 $D = 57^{\circ}17'45"$
 $T = 9.72'$
 $L = 19.38'$
 $E = 0.47'$
 $R = 100.00'$
 $S.E. = 2.00\%$
 $P.C. = Sta. 29+83.50$
 $P.T. = Sta. 30+02.88$
 $P.I. = Sta. 29+93.22$
 $e = 2.0\%$
 $S.E. Run = 60.55'/72.34'$
 $S.E. Attained: Sta. 29+38.85 to Sta. 29+99.40$
 $S.E. Removed: Sta. 30+02.88 to Sta. 30+75.22$



PRECAST PANEL & FORM LINER TEXTURED SURFACE FINISH DETAILS

Precast Panel Finish shall be Fitted Rock Pattern.
 The color of the final finish shall be concrete gray.
 MSE Wall supplier to provide IDOT with a sample panel for approval.



FORM LINER DETAILS SHOWING BAR CLEARANCE REQUIREMENTS