

Estimate overlay exist.

Estimated Cost: \$12,349,656.00

Contingency: 0.00%

Estimated Total: \$12,349,656.00

PID 76691 - CONCEPTUAL ESTIMATE - no build option (planing and resurfacing of 9.7 miles of I-75 and 6.5 miles of existing interchanges)

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 10/12/06

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate alt A Base

Estimated Cost: \$164,766,355.00

Contingency: 0.00%

Estimated Total: \$164,766,355.00

PID 76691 - CONCEPTUAL ESTIMATE - Alternative A. MOT assumes Part-Width Construction.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate alt B Base

Estimated Cost: \$195,012,878.00

Contingency: 0.00%

Estimated Total: \$195,012,878.00

PID 76691 - CONCEPTUAL ESTIMATE - Alternative B. MOT assumes Part-Width Construction.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate alt D Base

Estimated Cost: \$139,361,436.00

Contingency: 0.00%

Estimated Total: \$139,361,436.00

PID 76691 - CONCEPTUAL ESTIMATE - Alternative D. MOT assumes Part-Width Construction.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate breese rd rehab

Estimated Cost: \$5,020,380.50

Contingency: 0.00%

Estimated Total: \$5,020,380.50

PID 76691 - CONCEPTUAL ESTIMATE - Breese Road rehab.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate Breese opt. 1

Estimated Cost: \$10,484,035.50

Contingency: 0.00%

Estimated Total: \$10,484,035.50

PID 76691 - CONCEPTUAL ESTIMATE - Breese Road option 1. (Formerly Segment 2, option 2A) This is a new relocated diamond interchange north of Breese Road and some work to Fort Shawnee Industrial Drive.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INV LVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate Breese opt. 2

Estimated Cost: \$7,025,622.00

Contingency: 0.00%

Estimated Total: \$7,025,622.00

PID 76691 - CONCEPTUAL ESTIMATE - Breese Road option 2. (Formerly Segment 2, option 2B) This has relocated southbound entrance and exit ramps north of Breese Road and some work to Fort Shawnee Industrial Drive and Delong Road.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate breese opt. 3

Estimated Cost: \$5,893,086.00

Contingency: 0.00%

Estimated Total: \$5,893,086.00

PID 76691 - CONCEPTUAL ESTIMATE - Breese Road option 2. (Formerly Segment 2, option 2B) This has relocated southbound exit ramp north of Breese Road and some work to Fort Shawnee Industrial Drive and Delong Road.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 05/18/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate SR 65 rehab

Estimated Cost: \$3,791,078.50

Contingency: 0.00%

Estimated Total: \$3,791,078.50

PID 76691 - CONCEPTUAL ESTIMATE - SR 65 interchange rehab. Improvements to Yoder Road are included in the base mainline cost estimate.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 05/18/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate 4th rehab

Estimated Cost: \$5,386,309.00

Contingency: 0.00%

Estimated Total: \$5,386,309.00

PID 76691 - CONCEPTUAL ESTIMATE - Rehab of the 4th street interchange with its existing configuration but with improvements to fix deficiencies .

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate 4th st. opt.

Estimated Cost: \$6,293,951.00

Contingency: 0.00%

Estimated Total: \$6,293,951.00

PID 76691 - CONCEPTUAL ESTIMATE - 4th street interchange with its existing configuration on the west side of I-75 and a half diamond configuration on the east side of I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate A RR opt 1

Estimated Cost: \$21,667,973.00

Contingency: 0.00%

Estimated Total: \$21,667,973.00

PID 76691 - CONCEPTUAL ESTIMATE - Railroad interchange option combines the 4th street and SR 309 interchanges. This option has diamond interchange and the north-south connector close to I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INV LVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate A RR opt 2

Estimated Cost: \$21,495,899.00

Contingency: 0.00%

Estimated Total: \$21,495,899.00

PID 76691 - CONCEPTUAL ESTIMATE - Railroad interchange option combines the 4th street and SR 309 interchanges. This option has diamond interchange and the north-south connector away from I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INV LVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate A RR opt. 3

Estimated Cost: \$26,078,277.00

Contingency: 0.00%

Estimated Total: \$26,078,277.00

PID 76691 - CONCEPTUAL ESTIMATE - Railroad interchange option combines the 4th street and SR 309 interchanges. This option has compressed SPUI interchange and the north-south connector close to I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate A RR opt. 4

Estimated Cost: \$24,703,918.00

Contingency: 0.00%

Estimated Total: \$24,703,918.00

PID 76691 - CONCEPTUAL ESTIMATE - Railroad interchange option combines the 4th street and SR 309 interchanges. This option has compressed SPUI interchange and the north-south connector away from I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INV LVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate railroad opt 1

Estimated Cost: \$22,353,779.00

Contingency: 0.00%

Estimated Total: \$22,353,779.00

PID 76691 - CONCEPTUAL ESTIMATE - Railroad interchange option combines the 4th street and SR 309 interchanges. This option has diamond interchange and the north-south connector close to I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INV LVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate railroad opt 2

Estimated Cost: \$22,181,705.00

Contingency: 0.00%

Estimated Total: \$22,181,705.00

PID 76691 - CONCEPTUAL ESTIMATE - Railroad interchange option combines the 4th street and SR 309 interchanges. This option has diamond interchange and the north-south connector away from I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate railroad opt. 3

Estimated Cost: \$26,969,475.00

Contingency: 0.00%

Estimated Total: \$26,969,475.00

PID 76691 - CONCEPTUAL ESTIMATE - Railroad interchange option combines the 4th street and SR 309 interchanges. This option has compressed SPUI interchange and the north-south connector close to I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INV LVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate railroad opt. 4

Estimated Cost: \$25,595,071.00

Contingency: 0.00%

Estimated Total: \$25,595,071.00

PID 76691 - CONCEPTUAL ESTIMATE - Railroad interchange option combines the 4th street and SR 309 interchanges. This option has compressed SPUI interchange and the north-south connector away from I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate SR117 option

Estimated Cost: \$20,438,051.00

Contingency: 0.00%

Estimated Total: \$20,438,051.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 117 interchange option . This option has diamond interchange on relocated SR 117 and the removal of the interchange at SR 309. (The City of Lima alternative)

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate A SR117 option

Estimated Cost: \$19,986,882.00

Contingency: 0.00%

Estimated Total: \$19,986,882.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 117 interchange option . This option has diamond interchange on relocated SR 117 and the removal of the interchange at SR 309. (The City of Lima alternative)

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate A SR 309 rehab

Estimated Cost: \$11,109,153.00

Contingency: 0.00%

Estimated Total: \$11,109,153.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 309 interchange rehab. This includes making Dean Ave limited access.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate SR 309 rehab

Estimated Cost: \$11,638,690.50

Contingency: 0.00%

Estimated Total: \$11,638,690.50

PID 76691 - CONCEPTUAL ESTIMATE - SR 309 interchange rehab. This includes making Dean Ave limited access.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate A SR309 opt. 1

Estimated Cost: \$13,916,978.00

Contingency: 0.00%

Estimated Total: \$13,916,978.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 309 interchange option 1. This option has the compressed diamond interchange.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate A SR309 opt. 2

Estimated Cost: \$12,676,390.00

Contingency: 0.00%

Estimated Total: \$12,676,390.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 309 interchange option 2. This option has the compressed diamond interchange on the west and a folded diamond on the southeast side of I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate SR309 opt. 1

Estimated Cost: \$14,485,117.00

Contingency: 0.00%

Estimated Total: \$14,485,117.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 309 interchange option 1. This option has the compressed diamond interchange.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate SR309 opt. 2

Estimated Cost: \$13,144,268.00

Contingency: 0.00%

Estimated Total: \$13,144,268.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 309 interchange option 2. This option has the compressed diamond interchange on the west and a folded diamond on the southeast side of I-75.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate SR 81 rehab

Estimated Cost: \$13,356,882.00

Contingency: 0.00%

Estimated Total: \$13,356,882.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 81 rehab option. No work will be done to SR 81, only the ramps.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 05/18/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate A SR 81 rehab

Estimated Cost: \$12,287,444.00

Contingency: 0.00%

Estimated Total: \$12,287,444.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 81 rehab option. No work will be done to SR 81, only the ramps.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 05/18/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate SR 81 opt.

Estimated Cost: \$11,394,680.50

Contingency: 0.00%

Estimated Total: \$11,394,680.50

PID 76691 - CONCEPTUAL ESTIMATE - SR 81 interchange option . This is a new diamond intchange and improvements to SR 81.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate A SR 81 opt.

Estimated Cost: \$10,968,576.00

Contingency: 0.00%

Estimated Total: \$10,968,576.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 81 interchange option . This is a new diamond intchange and improvements to SR 81.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

Estimate SR 81 opt1.

Estimated Cost: \$12,746,152.50

Contingency: 0.00%

Estimated Total: \$12,746,152.50

PID 76691 - CONCEPTUAL ESTIMATE - SR 81 interchange option 1. This is a new diamond interchange and improvements to SR 81.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INV LVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0001: Pavement Removal

0002	Mainline MAJOR COST DRIVERS, ROADWAY <i>Mainline Pavement Removal.</i>	0.00	SY	\$8.00000	\$0.00
0097	4th St. Ramps MAJOR COST DRIVERS, ROADWAY <i>4th street interchange Ramp Pavement Removal.</i>	0.00	SY	\$8.00000	\$0.00
0098	SR 309 Ramps MAJOR COST DRIVERS, ROADWAY <i>SR 309 interchange Ramp Pavement Removal except for the area common with Dean Ave (0.1 miles)</i>	0.00	SY	\$8.00000	\$0.00
0099	SR 81 Ramps MAJOR COST DRIVERS, ROADWAY <i>SR 81 interchange Ramp Pavement Removal</i>	25,445.00	SY	\$8.00000	\$203,560.00

Total for Group 0001: \$203,560.00

Group 0002: Excavation - Rock

0003	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY <i>It is estimated that there would not be any at this time.</i>	0.00	CY	\$30.00000	\$0.00
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Total for Group 0002: \$0.00

Group 0003: Excavation - Soil

0004	Mainline MAJOR COST DRIVERS, ROADWAY <i>mainline travel lanes.</i>	0.00	CY	\$8.00000	\$0.00
0154	inside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline inside shoulder.</i>	0.00	CY	\$8.00000	\$0.00
0155	outside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline outside shoulder.</i>	0.00	CY	\$8.00000	\$0.00
0156	Ramps MAJOR COST DRIVERS, ROADWAY <i>ramps (1.2 miles)</i>	58,667.00	CY	\$8.00000	\$469,336.00
0172	4th & breese MAJOR COST DRIVERS, ROADWAY <i>4th street and Breese RD</i>	0.00	CY	\$8.00000	\$0.00
0173	SR 81 MAJOR COST DRIVERS, ROADWAY <i>State Route 81 (0.7 miles)</i>	47,780.00	CY	\$8.00000	\$382,240.00
0174	Yoder Road MAJOR COST DRIVERS, ROADWAY <i>Yoder road</i>	0.00	CY	\$8.00000	\$0.00
0175	other side rd MAJOR COST DRIVERS, ROADWAY <i>Reservoir Rd. (0.25 miles)</i>	0.00	LS	\$8.00000	\$0.00

Total for Group 0003: \$851,576.00

Group 0004: Excavation - Hazardous

0005	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY <i>It is estimated that there would not be any at this time.</i>	0.00	CY	\$15.00000	\$0.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Total for Group 0004: \$0.00

Group 0005: Fill - Embankment

0006	Mainline MAJOR COST DRIVERS, ROADWAY <i>mainline travel lanes. (no fill, assuming mainline profile to remain the same as existing)</i>	0.00	CY	\$6.00000	\$0.00
0157	inside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline inside shoulder (existing is a barrier section)</i>	0.00	CY	\$6.00000	\$0.00
0158	outside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline outside shoulders</i>	0.00	CY	\$6.00000	\$0.00
0159	4th & breese MAJOR COST DRIVERS, ROADWAY <i>4th and Breese Road</i>	0.00	CY	\$6.00000	\$0.00
0160	Ramps MAJOR COST DRIVERS, ROADWAY <i>ramps (1.2 miles)</i>	55,947.00	CY	\$6.00000	\$335,682.00
0177	SR 81 MAJOR COST DRIVERS, ROADWAY <i>SR 81</i>	36,829.00	CY	\$6.00000	\$220,974.00
0178	Yoder Rd. MAJOR COST DRIVERS, ROADWAY <i>Yoder Road</i>	0.00	LS	\$6.00000	\$0.00
0179	other side rd MAJOR COST DRIVERS, ROADWAY <i>Reservoir Rd. (0.25 miles)</i>	0.00	LS	\$6.00000	\$0.00

Total for Group 0005: \$556,656.00

Group 0006: Fill - Lime Modified Soil

0007	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY <i>It is estimated that there would not be any at this time.</i>	0.00	CY		\$0.00
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Total for Group 0006: \$0.00

Group 0007: Fill - Borrow

0008	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY <i>It is estimated that there would not be any at this time.</i>	0.00	CY	\$8.00000	\$0.00
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Total for Group 0007: \$0.00

Group 0008: Concrete Barrier

0100	Median MAJOR COST DRIVERS, ROADWAY <i>mainline median barrier</i>	0.00	LF	\$100.00000	\$0.00
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Total for Group 0008: \$0.00

Group 0009: Subgrade Treatment - Lime

0011	Mainline MAJOR COST DRIVERS, ROADWAY <i>mainline travel lanes</i>	0.00	SY	\$2.50000	\$0.00
0161	inside shld.	0.00	SY	\$2.50000	\$0.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	MAJOR COST DRIVERS, ROADWAY <i>mainline inside shoulder</i>				
0162	outside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline outside shoulder</i>	0.00	SY	\$2.50000	\$0.00
0163	Ramps MAJOR COST DRIVERS, ROADWAY <i>ramps (1.2 miles)</i>	18,304.00	SY	\$2.50000	\$45,760.00
0180	4th & Breese MAJOR COST DRIVERS, ROADWAY <i>4th and Breese Road</i>	0.00	SY	\$2.50000	\$0.00
0181	SR 81 MAJOR COST DRIVERS, ROADWAY <i>SR 81 (0.7 miles)</i>	31,211.00	SY	\$2.50000	\$78,027.50
0182	other side rd MAJOR COST DRIVERS, ROADWAY <i>Reservoir Rd. (0.25 miles)</i>	0.00	SY	\$2.50000	\$0.00
0183	Yoder Rd. MAJOR COST DRIVERS, ROADWAY <i>Yoder Road</i>	0.00	SY	\$2.50000	\$0.00

Total for Group 0009: \$123,787.50

Group 0010: Subgrade Treatment - Cement

0012	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY <i>It is estimated that there would not be any at this time.</i>	0.00	SY	\$2.50000	\$0.00
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Total for Group 0010: \$0.00

Group 0011: Subgrade Treatment - Undercut & Backfill

0013	Mainline MAJOR COST DRIVERS, ROADWAY <i>mainline travel lanes</i>	0.00	LAMI	\$22,800.00000	\$0.00
0164	inside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline inside shoulder</i>	0.00	CY	\$12.00000	\$0.00
0165	outside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline outside shoulder</i>	0.00	CY	\$12.00000	\$0.00
0166	Ramps MAJOR COST DRIVERS, ROADWAY <i>ramps (1.2 miles)</i>	6,101.00	CY	\$12.00000	\$73,212.00
0184	4th & Breese MAJOR COST DRIVERS, ROADWAY <i>4th and Breese Road</i>	0.00	CY	\$12.00000	\$0.00
0185	SR 81 MAJOR COST DRIVERS, ROADWAY <i>SR 81 (0.7 miles)</i>	10,403.00	LS	\$12.00000	\$124,836.00
0186	Yoder Rd. MAJOR COST DRIVERS, ROADWAY <i>Yoder Road</i>	0.00	CY	\$12.00000	\$0.00
0187	other side rd MAJOR COST DRIVERS, ROADWAY <i>Reservoir Rd. (0.25 miles)</i>	0.00	CY	\$12.00000	\$0.00

Total for Group 0011: \$198,048.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0012: Other Roadway Costs

0014	Contingency OTHER COSTS, ROADWAY <i>design contingency 25% of 1,933,628</i>	1.00	LS	\$483,407.00000	\$483,407.00
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Total for Group 0012: \$483,407.00

Group 0013: Seeding & Mulching / Sodding

0015	Mainline MAJOR COST DRIVERS, EROSION CONTROL <i>estimated at 75 feet on each side of the road.</i>	0.00	SY	\$1.00000	\$0.00
0016	Sideroads MAJOR COST DRIVERS, EROSION CONTROL <i>estimated at 50 feet on each side of the road.</i>	41,653.00	SY	\$1.00000	\$41,653.00
0017	Ramps MAJOR COST DRIVERS, EROSION CONTROL <i>estimated at 50 feet on each side of the ramps.</i>	70,400.00	SY	\$1.00000	\$70,400.00

Total for Group 0013: \$112,053.00

Group 0014: Rock Channel Protection

0018	for culverts MAJOR COST DRIVERS, EROSION CONTROL <i>7 culverts with and area of 12'x15'x18" each</i>	70.00	CY	\$75.00000	\$5,250.00
0019	for inlets MAJOR COST DRIVERS, EROSION CONTROL <i>0 inlets with and area of 4'x6'x18" each</i>	0.00	CY	\$75.00000	\$0.00

Total for Group 0014: \$5,250.00

Group 0015: Erosion Control - Item 832

0020	B-MC-ERCO MAJOR COST DRIVERS, EROSION CONTROL	1.00	EACH	\$0.00000	\$0.00
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Total for Group 0015: \$0.00

Group 0016: Other Erosion Control Costs

0021	Contingency OTHER COSTS, EROSION CONTROL <i>design contingency 25% of 117,303</i>	1.00	LS	\$29,326.00000	\$29,326.00
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Total for Group 0016: \$29,326.00

Group 0017: Underdrains

0022	Mainline MAJOR COST DRIVERS, DRAINAGE <i>mainline travel lanes</i>	0.00	FT	\$8.00000	\$0.00
0167	inside shld. MAJOR COST DRIVERS, DRAINAGE <i>mainline inside shoulder</i>	0.00	FT	\$8.00000	\$0.00
0168	outside shld. MAJOR COST DRIVERS, DRAINAGE <i>mainline outside shoulders</i>	0.00	FT	\$8.00000	\$0.00
0169	Ramps MAJOR COST DRIVERS, DRAINAGE <i>ramps (1.2 miles)</i>	6,336.00	FT	\$8.00000	\$50,688.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
0188	4th & Breese OTHER COSTS, DRAINAGE <i>4th & Breese</i>	0.00	FT	\$8.00000	\$0.00
0189	SR 81 MAJOR COST DRIVERS, DRAINAGE <i>SR 81 (0.7 miles)</i>	14,784.00	FT	\$8.00000	\$118,272.00
0190	Yoder Rd. MAJOR COST DRIVERS, DRAINAGE <i>Yoder Road</i>	0.00	FT	\$8.00000	\$0.00
0191	other side rd MAJOR COST DRIVERS, DRAINAGE <i>Reservoir Rd. (0.25 miles)</i>	0.00	FT	\$8.00000	\$0.00

Total for Group 0017: \$168,960.00

Group 0018: Culverts - Type A: < 5'

0023	RCP<60" MAJOR COST DRIVERS, DRAINAGE <i>RCP</i>	205.00	FT	\$350.00000	\$71,750.00
0102	Concrete MAJOR COST DRIVERS, DRAINAGE <i>Concrete for Headwalls</i>	8.00	EACH	\$1,000.00000	\$8,000.00
0103	Removal MAJOR COST DRIVERS, DRAINAGE <i>Removal of Existing Pipe</i>	0.00	FT	\$35.00000	\$0.00

Total for Group 0018: \$79,750.00

Group 0019: Culverts, Type A: 5' - 10'

0024	66" - 78" MAJOR COST DRIVERS, DRAINAGE <i>RCP 66" to 78"</i>	270.00	FT	\$500.00000	\$135,000.00
0101	Concrete MAJOR COST DRIVERS, DRAINAGE <i>Concrete for Headwalls</i>	6.00	EACH	\$1,750.00000	\$10,500.00
0104	Removal MAJOR COST DRIVERS, DRAINAGE <i>Removal of existing pipe</i>	0.00	FT	\$100.00000	\$0.00

Total for Group 0019: \$145,500.00

Group 0020: Culverts, Type A: 10' - 20'

0025	Precast box MAJOR COST DRIVERS, DRAINAGE <i>18' x 5' Thru 20' x 10' Precast Box</i>	0.00	FT	\$2,800.00000	\$0.00
0105	Concrete MAJOR COST DRIVERS, DRAINAGE <i>Concrete For Headwalls</i>	0.00	EACH	\$10,000.00000	\$0.00
0106	Removal MAJOR COST DRIVERS, DRAINAGE <i>assuming 1075 feet by 15 feet</i>	0.00	SF	\$18.00000	\$0.00

Total for Group 0020: \$0.00

Group 0021: Median Drainage

0026	Pipe MAJOR COST DRIVERS, DRAINAGE	0.00	FT	\$150.00000	\$0.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

0170	inlet MAJOR COST DRIVERS, DRAINAGE	0.00	EACH	\$5,000.00000	\$0.00
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Total for Group 0021: \$0.00

Group 0022: BMP's

0027	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	1.00	LS	\$0.00000	\$0.00
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Total for Group 0022: \$0.00

Group 0023: Closed Storm System

0028	SR 117 MAJOR COST DRIVERS, DRAINAGE	0.00	FT	\$200.00000	\$0.00
0120	GREELEY	0.00	FT	\$200.00000	\$0.00
0121	C/D RD.	0.00	FT	\$200.00000	\$0.00
0122	FRONTAGE RD	0.00	FT	\$200.00000	\$0.00
0128	SERVICE RD	0.00	FT	\$200.00000	\$0.00

Total for Group 0023: \$0.00

Group 0024: Other Drainage Costs

0029	Contingency OTHER COSTS, DRAINAGE <i>design contingency 25% of 394,210</i>	1.00	LS	\$98,553.00000	\$98,553.00
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Total for Group 0024: \$98,553.00

Group 0025: Mainline - Travel Lanes

0030	Conc. pav't MAJOR COST DRIVERS, PAVEMENT <i>13" reinforced concrete build up</i>	0.00	SY	\$40.00000	\$0.00
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Total for Group 0025: \$0.00

Group 0026: Mainline - Outside Shoulder

0031	Conc. pav't MAJOR COST DRIVERS, PAVEMENT <i>13" reinforced concrete build up</i>	0.00	SY	\$44.00000	\$0.00
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Total for Group 0026: \$0.00

Group 0027: Mainline - Inside Shoulder

0032	Conc. pav't. MAJOR COST DRIVERS, PAVEMENT <i>13" reinforced concrete build up</i>	0.00	SY	\$44.00000	\$0.00
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Total for Group 0027: \$0.00

Group 0028: Ramps

0135	Conc. pav't MAJOR COST DRIVERS, PAVEMENT <i>13" reinforced concrete build up for 1.2 miles of ramp.</i>	17,600.00	SY	\$44.00000	\$774,400.00
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Total for Group 0028: \$774,400.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0029: Non - Mainline Lanes

0107	4th & Breese <i>4th & Breese Road (asphalt build up)</i>	0.00	SY	\$38.00000	\$0.00
0108	Improve 65 Resurface and intersection modifications <i>Improvement of SR65</i>	0.00	SY	\$0.00000	\$0.00
0109	Service Rd	0.00	SY	\$0.00000	\$0.00
0110	Frontage RD	0.00	SY	\$0.00000	\$0.00
0112	SR81 SR 81 <i>SR 81 (asphalt build up) for 0.7 miles</i>	31,211.00	SY	\$38.00000	\$1,186,018.00
0113	3lane117	0.00	SY	\$0.00000	\$0.00
0114	4lane 117	0.00	SY	\$0.00000	\$0.00
0115	4 lane cg 117	0.00	SY	\$0.00000	\$0.00
0116	Greeley	0.00	SY	\$0.00000	\$0.00
0117	Yoder <i>Yoder Road (asphalt build up)</i>	0.00	SY	\$38.00000	\$0.00
0118	other side rd <i>Reservoir Rd. (0.25 miles) (asphalt build up)</i>	0.00	SY	\$38.00000	\$0.00
0119	C/D Road	0.00	SY	\$0.00000	\$0.00

Total for Group 0029: \$1,186,018.00

Group 0030: Concrete Overlay

0033	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	LAMI	\$0.00000	\$0.00
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Total for Group 0030: \$0.00

Group 0031: Rubblize & Roll

0034	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	LS		\$0.00
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Total for Group 0031: \$0.00

Group 0032: Joint Repair

0035	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	SY		\$0.00
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Total for Group 0032: \$0.00

Group 0033: Slab Replacement

0036	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	0.00	SY	\$70.00000	\$0.00
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Total for Group 0033: \$0.00

Group 0034: Overlay

0037	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	LAMI		\$0.00
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Total for Group 0034: \$0.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
Group 0035: Dowel Bar Retrofit					
0038	D-MC-PVMT	0.00	LS		\$0.00
MAJOR COST DRIVERS, PAVEMENT					
<i>It is estimated that there would not be any at this time.</i>					
				Total for Group 0035:	\$0.00
Group 0036: Diamond Grinding					
0039	D-MC-PVMT	0.00	SY		\$0.00
MAJOR COST DRIVERS, PAVEMENT					
<i>It is estimated that there would not be any at this time.</i>					
				Total for Group 0036:	\$0.00
Group 0037: Undersealing					
0040	D-MC-PVMT	0.00	LS		\$0.00
MAJOR COST DRIVERS, PAVEMENT					
<i>It is estimated that there would not be any at this time.</i>					
				Total for Group 0037:	\$0.00
Group 0038: Other Pavement Costs					
0041	Contingency	1.00	LS	\$490,105.00000	\$490,105.00
OTHER COSTS, PAVEMENT					
<i>Design contingency 25% of 1,960,418</i>					
				Total for Group 0038:	\$490,105.00
Group 0039: Water Works					
0042	E-MC-WATR	1.00	LS	\$0.00000	\$0.00
MAJOR COST DRIVERS, WATER LINE					
0043	Contingency	1.00	LS	\$0.00000	\$0.00
OTHER COSTS, WATER LINE					
<i>design contingency 25% of 0</i>					
				Total for Group 0039:	\$0.00
Group 0040: Sanitary Line					
0045	Contingency	1.00	LS	\$0.00000	\$0.00
OTHER COSTS, SANITARY SEWER					
<i>design contingency 25% of 0</i>					
0219	F-MC-SANI	1.00	LS	\$0.00000	\$0.00
MAJOR COST DRIVERS, SANITARY SEWER					
				Total for Group 0040:	\$0.00
Group 0041: Lighting - Full Interchange					
0046	G-MC-LTNG	1.00	EACH	\$390,000.00000	\$390,000.00
MAJOR COST DRIVERS, LIGHTING					
				Total for Group 0041:	\$390,000.00
Group 0042: Lighting - Partial Interchange					
0047	G-MC-LTNG	0.00	EACH	\$225,000.00000	\$0.00
MAJOR COST DRIVERS, LIGHTING					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Total for Group 0042: \$0.00

Group 0043: Lighting - Continuous Roadway

0048	G-MC-LTNG MAJOR COST DRIVERS, LIGHTING	0.00	FT	\$35.00000	\$0.00
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Total for Group 0043: \$0.00

Group 0045: Other Lighting Costs

0218	Contingency OTHER COSTS, LIGHTING <i>design contingency 25% of 390,000</i>	1.00	LS	\$97,500.00000	\$97,500.00
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Total for Group 0045: \$97,500.00

Group 0046: Traffic Surveillance

0050	H-MC-SURV MAJOR COST DRIVERS, TRAFFIC SURVEILLANCE	0.00	MILE	\$20,000.00000	\$0.00
0051	Contingency OTHER COSTS, TRAFFIC SURVEILLANCE <i>design contingency 25% of 0</i>	1.00	LS	\$0.00000	\$0.00

Total for Group 0046: \$0.00

Group 0047: Signs

0052	Mainline MAJOR COST DRIVERS, TRAFFIC CONTROL <i>mainline including ramps</i>	0.00	MILE	\$250,000.00000	\$0.00
0192	sideroads MAJOR COST DRIVERS, TRAFFIC CONTROL <i>SR 81 (0.7 miles)</i>	0.70	MILE	\$150,000.00000	\$105,000.00

Total for Group 0047: \$105,000.00

Group 0048: Pavement Marking

0053	Mainline edge MAJOR COST DRIVERS, TRAFFIC CONTROL <i>mainline edge lines</i>	0.00	MILE	\$3,000.00000	\$0.00
0193	Mainline lane MAJOR COST DRIVERS, TRAFFIC CONTROL <i>mainline lane lines</i>	0.00	MILE	\$2,000.00000	\$0.00
0194	Ramp edge MAJOR COST DRIVERS, TRAFFIC CONTROL <i>ramp edge lines</i>	2.40	MILE	\$3,000.00000	\$7,200.00
0195	Sideroad edge MAJOR COST DRIVERS, TRAFFIC CONTROL <i>SR 81 (0.7 miles) edge lines</i>	1.40	MILE	\$3,000.00000	\$4,200.00
0196	sideroad lane MAJOR COST DRIVERS, TRAFFIC CONTROL <i>sideroad lane lines (0.7 miles)</i>	1.40	MILE	\$2,000.00000	\$2,800.00
0197	Sideroad cl MAJOR COST DRIVERS, TRAFFIC CONTROL <i>SR 81 (0.7 miles) center lines</i>	1.40	MILE	\$4,000.00000	\$5,600.00

Total for Group 0048: \$19,800.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0049: Other Traffic Control Costs

0054	Contingency OTHER COSTS, TRAFFIC CONTROL <i>design contingency 25% of 124,800</i>	1.00	LS	\$31,200.00000	\$31,200.00
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Total for Group 0049: \$31,200.00

Group 0050: Signals - Intersections

0055	Standard MAJOR COST DRIVERS, SIGNALS <i>standard design</i>	0.00	EACH	\$100,000.00000	\$0.00
0056	Major MAJOR COST DRIVERS, SIGNALS <i>Major Urban traffic design</i>	0.00	EACH	\$150,000.00000	\$0.00

Total for Group 0050: \$0.00

Group 0051: Other Traffic Signal Costs

0057	Contingency OTHER COSTS, SIGNALS <i>design contingency 25% of 0</i>	1.00	LS	\$0.00000	\$0.00
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Total for Group 0051: \$0.00

Group 0052: Landscaping

0058	L-MC-LSCP MAJOR COST DRIVERS, LANDSCAPING <i>at interchanges only</i>	1.00	EACH	\$75,000.00000	\$75,000.00
0144	Contingency OTHER COSTS, LANDSCAPING <i>design contingency 25% of 75,000</i>	1.00	LS	\$18,750.00000	\$18,750.00

Total for Group 0052: \$93,750.00

Group 0053: Retaining Walls

0059	MSE MAJOR COST DRIVERS, RETAINING WALLS <i>MSE Wall</i>	0.00	SF	\$75.00000	\$0.00
0060	MSE ext urban MAJOR COST DRIVERS, RETAINING WALLS <i>MSE Wall extreme urban (high volume areas)</i>	0.00	SF	\$90.00000	\$0.00
0061	Pour in place MAJOR COST DRIVERS, RETAINING WALLS <i>poured in place wall</i>	0.00	SF	\$115.00000	\$0.00

Total for Group 0053: \$0.00

Group 0054: Other Retaining Wall Costs

0062	Contingency OTHER COSTS, RETAINING WALLS <i>design contingency 25% of 0</i>	1.00	LS	\$0.00000	\$0.00
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Total for Group 0054: \$0.00

Group 0055: Building Demolition

0064	Residential	0.00	EACH	\$7,500.00000	\$0.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	Description Supplemental Description				
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>residential building demolition</i>				
0065	Shed	0.00	EACH	\$750.00000	\$0.00
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>shed demolition</i>				
0066	Res. garage	0.00	EACH	\$2,500.00000	\$0.00
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>residential garage demolition</i>				
0067	Commercial	0.00	EACH	\$18,000.00000	\$0.00
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>commercial building demolition</i>				
0068	SS island	0.00	EACH	\$2,500.00000	\$0.00
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>service station island demolition</i>				
0069	SS tanks	0.00	EACH	\$15,000.00000	\$0.00
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>service station tank removal (9000-12000 gals.)</i>				
0146	Contingency	0.00	LS	\$15,750.00000	\$0.00
	OTHER COSTS, BUILDING DEMOLITION <i>design contingency 25% of 45,000</i>				

Total for Group 0055: \$0.00

Group 0056: Noise Barrier

0063	P-MC-NSBR	0.00	FT	\$400.00000	\$0.00
	MAJOR COST DRIVERS, NOISE BARRIER				

Total for Group 0056: \$0.00

Group 0057: Other Noise Barrier Costs

0070	Contingency	1.00	LS	\$0.00000	\$0.00
	OTHER COSTS, NOISE BARRIER <i>design contingency 25% of 0</i>				

Total for Group 0057: \$0.00

Group 0058: New Structures

0071	ALL-75-0100	0.00	SF	\$85.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>new bridge for ALL-75-0100 L/R (over Little Ottawa River)</i>				
0111	ALL-75-0100	0.00	SF	\$15.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>removal of existing bridge for ALL-75-0100 L/R (over Little Ottawa River)</i>				
0198	ALL-75-0212	0.00	SF	\$90.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>new bridge for ALL-75-0212 (Breese Road over I-75)</i>				
0199	ALL-75-0212	0.00	SF	\$15.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>removal of existing ALL-75-0212 (Breese Road over I-75)</i>				
0200	ALL-75-0328	0.00	SF	\$90.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>new bridge for ALL-75-0328 (McClain Road over I-75)</i>				
0201	ALL-75-0328	0.00	SF	\$15.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>removal of existing ALL-75-0328 (McClain Road over I-75)</i>				
0202	ALL-75-0423	0.00	SF	\$90.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES				

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<i>new bridge for ALL-75-0423 L/R (over SR 65)</i>					
0203	ALL-75-0423	0.00	SF	\$25.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0423 L/R (over SR 65)</i>					
<i>new bridge for ALL-75-0508 (Hanthorn Road over I-75)</i>					
0204	ALL-75-0508	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0508 (Hanthorn Road over I-75)</i>					
<i>new bridge for ALL-75-0611 (4th Street over I-75)</i>					
0205	ALL-75-0611	0.00	SF	\$15.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0611 (4th Street over I-75)</i>					
<i>new bridge for ALL-75-0611 (4th Street over I-75)</i>					
0206	ALL-75-0611	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0611 (4th Street over I-75)</i>					
<i>new bridge for ALL-75-0703 (over US 309)</i>					
0207	ALL-75-0703	0.00	SF	\$15.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0703 (over US 309)</i>					
<i>new bridge for ALL-75-0703 (over US 309)</i>					
0208	ALL-75-0703	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0703 (over US 309)</i>					
<i>new bridge for ALL-75-0703 (over US 309)</i>					
0209	ALL-75-0703	0.00	SF	\$25.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0703 (over US 309)</i>					
<i>new bridge for ALL-75-0785 (Reservoir Road over I-75)</i>					
0210	ALL-75-0785	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0785 (Reservoir Road over I-75)</i>					
<i>new bridge for ALL-75-0785 (Reservoir Road over I-75)</i>					
0211	ALL-75-0785	0.00	SF	\$15.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0785 (Reservoir Road over I-75)</i>					
<i>new bridge for ALL-75-0813 (over Conrail) 130' width by 197' length</i>					
0212	ALL-75-0813	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0813 (over conrail)</i>					
<i>new bridge for ALL-75-0813 (over Conrail) 130' width by 197' length</i>					
0213	ALL-75-0813	0.00	SF	\$25.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0813 (over conrail)</i>					
<i>new bridge for ALL-75-0832 (over Ottawa River) 130' width by 170' length</i>					
0214	ALL-75-0832	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0832 (over Ottawa River)</i>					
<i>new bridge for ALL-75-0832 (over Ottawa River) 130' width by 170' length</i>					
0215	ALL-75-0832	0.00	SF	\$25.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0832 (over Ottawa River)</i>					
<i>new bridge for ALL-75-0875 (over SR 81) 130' width by 124' length</i>					
0216	ALL-75-0875	16,120.00	SF	\$90.00000	\$1,450,800.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0875 (over SR 81)</i>					
<i>new bridge for ALL-75-0875 (over SR 81) 130' width by 124' length</i>					
0217	ALL-75-0875	0.00	SF	\$25.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0875 (over SR 81)</i>					

Total for Group 0058: \$1,450,800.00

Group 0059: Rehabilitated Structures

0072	R-MC-STRC	0.00	LS		\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>It is estimated that there would not be any at this time.</i>					

Total for Group 0059: \$0.00

Group 0060: Other Structure Costs

0073	Contingency	1.00	LS	\$362,700.00000	\$362,700.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

OTHER COSTS, STRUCTURES
design contingency 25% of 1,450,800

Total for Group 0060: \$362,700.00

Group 0061: Temporary Road and Pavement Costs

0074	Temp. Road MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>mainline</i>	0.00	SY	\$10.00000	\$0.00
0075	Temp. Road MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>ramps</i>	1,000.00	SY	\$10.00000	\$10,000.00
0076	Temp. Road MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>sideroad</i>	533.00	SY	\$10.00000	\$5,330.00
0077	Mainline pavt MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.00	SY	\$15.00000	\$0.00
0078	sideroad pavt MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	533.00	SY	\$15.00000	\$7,995.00
0079	Ramp pavt MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	1,000.00	SY	\$15.00000	\$15,000.00

Total for Group 0061: \$38,325.00

Group 0062: Portable Concrete Barrier (PCB)

0080	Mainline MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.00	FT	\$11.00000	\$0.00
0081	Ramps MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	4,000.00	FT	\$11.00000	\$44,000.00
0082	Sideroad MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	1,000.00	FT	\$11.00000	\$11,000.00

Total for Group 0062: \$55,000.00

Group 0063: Impact Attenuators

0083	Mainline MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Temporary Bi-directional</i>	0.00	EACH	\$5,000.00000	\$0.00
0084	Sideroad MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Temporary Bi-directional</i>	2.00	EACH	\$5,000.00000	\$10,000.00
0085	Ramps MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Temporary Uni-directional</i>	4.00	EACH	\$6,500.00000	\$26,000.00

Total for Group 0063: \$36,000.00

Group 0064: Sheeting

0086	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.00	SF	\$15.00000	\$0.00
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Total for Group 0064: \$0.00

Group 0065: Temporary Signals

0087	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	1.00	EACH	\$15,000.00000	\$15,000.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Total for Group 0065: \$15,000.00

Group 0066: Work Zone Lighting

0088	Portable MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Portable Light Units,</i>	0.00	EACH	\$1,000.00000	\$0.00
0096	Stationary MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Stationary Tripod Lighting</i>	0.00	EACH	\$500.00000	\$0.00

Total for Group 0066: \$0.00

Group 0067: Innovative Contracting Incentatives

0089	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	1.00	LS	\$0.00000	\$0.00
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Total for Group 0067: \$0.00

Group 0068: Other MOT Costs

0090	Contingency OTHER COSTS, MAINTENANCE OF TRAFFIC <i>design contingency of 25% of 144,325</i>	1.00	LS	\$36,081.00000	\$36,081.00
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Total for Group 0068: \$36,081.00

Group 0069: Wetland Construction

0091	T-MC-WTLD MAJOR COST DRIVERS, WETLAND CONSTRUCTION <i>It is estimated that there would not be any at this time.</i>	0.00	ACRE		\$0.00
0092	T-OC-WTLD OTHER COSTS, WETLAND CONSTRUCTION <i>Stream Restoration</i>	0.00	LF		\$0.00

Total for Group 0069: \$0.00

Group 0070: Misc. Costs

0093	Performance MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>performance bond - 0.5% of construction cost 8,238,106</i>	1.00	LS	\$41,191.00000	\$41,191.00
0148	RR insurance MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>Railroad insurance bond</i>	0.00	LS	\$10,000.00000	\$0.00
0149	Field office MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>field office type c (this item was included in Segment 1 for the entire project)</i>	0.00	MNTH	\$2,700.00000	\$0.00
0150	Staking MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>construction staking - 0.5% of construction cost 8,238,106</i>	1.00	LS	\$41,191.00000	\$41,191.00
0151	Mobilization MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>2,000,000 for entire project</i>	1.00	LS	\$0.00000	\$0.00
0152	Main. traffic MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>maintaining traffic - 3% of construction cost 8,238,106</i>	1.00	LS	\$247,143.00000	\$247,143.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<u>Description</u>				
	<u>Supplemental Description</u>				

Total for Group 0070: \$329,525.00

Group 0071: Construction Contingency Costs

0094	V-MC-CNTG		LS		\$0.00
	MAJOR COST DRIVERS, CONTINGENCY COSTS				
	<i>It is estimated that there would not be any at this time.</i>				

Total for Group 0071: \$0.00

Group 0072: Inflation Contingency

0095	V-OC-CNTG	1.00	LS	\$4,178,522.00000	\$4,178,522.00
	OTHER COSTS, CONTINGENCY COSTS				
	<i>used mid range of 48.8% of 8,567,630.50 (mid construction date of 10/1/2013)</i>				

Total for Group 0072: \$4,178,522.00

Estimate SR 81 opt2.

Estimated Cost: \$12,877,590.00

Contingency: 0.00%

Estimated Total: \$12,877,590.00

PID 76691 - CONCEPTUAL ESTIMATE - SR 81 interchange option 1. This is a new diamond intchange with roundabouts and improvements to SR 81.

Letting Date: 10/01/12

Spec Year: 05

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: 451

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: ALLEN

Estimate Type: Conceptual

Prepared by Chris Coffield on 07/17/07

Checked by Andy Schetter

Approved by Naiel Hussein

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0001: Pavement Removal

0002	Mainline MAJOR COST DRIVERS, ROADWAY <i>Mainline Pavement Removal.</i>	0.00	SY	\$8.00000	\$0.00
0097	4th St. Ramps MAJOR COST DRIVERS, ROADWAY <i>4th street interchange Ramp Pavement Removal.</i>	0.00	SY	\$8.00000	\$0.00
0098	SR 309 Ramps MAJOR COST DRIVERS, ROADWAY <i>SR 309 interchange Ramp Pavement Removal except for the area common with Dean Ave (0.1 miles)</i>	0.00	SY	\$8.00000	\$0.00
0099	SR 81 Ramps MAJOR COST DRIVERS, ROADWAY <i>SR 81 interchange Ramp Pavement Removal</i>	25,445.00	SY	\$8.00000	\$203,560.00

Total for Group 0001: \$203,560.00

Group 0002: Excavation - Rock

0003	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY <i>It is estimated that there would not be any at this time.</i>	0.00	CY	\$30.00000	\$0.00
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Total for Group 0002: \$0.00

Group 0003: Excavation - Soil

0004	Mainline MAJOR COST DRIVERS, ROADWAY <i>mainline travel lanes.</i>	0.00	CY	\$8.00000	\$0.00
0154	inside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline inside shoulder.</i>	0.00	CY	\$8.00000	\$0.00
0155	outside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline outside shoulder.</i>	0.00	CY	\$8.00000	\$0.00
0156	Ramps MAJOR COST DRIVERS, ROADWAY <i>ramps (1.2 miles)</i>	58,667.00	CY	\$8.00000	\$469,336.00
0172	4th & breese MAJOR COST DRIVERS, ROADWAY <i>4th street and Breese RD</i>	0.00	CY	\$8.00000	\$0.00
0173	SR 81 MAJOR COST DRIVERS, ROADWAY <i>State Route 81 (0.7 miles)</i>	47,780.00	CY	\$8.00000	\$382,240.00
0174	Yoder Road MAJOR COST DRIVERS, ROADWAY <i>Yoder road</i>	0.00	CY	\$8.00000	\$0.00
0175	other side rd MAJOR COST DRIVERS, ROADWAY <i>Reservoir Rd. (0.25 miles)</i>	0.00	LS	\$8.00000	\$0.00

Total for Group 0003: \$851,576.00

Group 0004: Excavation - Hazardous

0005	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY <i>It is estimated that there would not be any at this time.</i>	0.00	CY	\$15.00000	\$0.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Total for Group 0004: \$0.00

Group 0005: Fill - Embankment

0006	Mainline MAJOR COST DRIVERS, ROADWAY <i>mainline travel lanes. (no fill, assuming mainline profile to remain the same as existing)</i>	0.00	CY	\$6.00000	\$0.00
0157	inside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline inside shoulder (existing is a barrier section)</i>	0.00	CY	\$6.00000	\$0.00
0158	outside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline outside shoulders</i>	0.00	CY	\$6.00000	\$0.00
0159	4th & breese MAJOR COST DRIVERS, ROADWAY <i>4th and Breese Road</i>	0.00	CY	\$6.00000	\$0.00
0160	Ramps MAJOR COST DRIVERS, ROADWAY <i>ramps (1.2 miles)</i>	55,947.00	CY	\$6.00000	\$335,682.00
0177	SR 81 MAJOR COST DRIVERS, ROADWAY <i>SR 81</i>	36,829.00	CY	\$6.00000	\$220,974.00
0178	Yoder Rd. MAJOR COST DRIVERS, ROADWAY <i>Yoder Road</i>	0.00	LS	\$6.00000	\$0.00
0179	other side rd MAJOR COST DRIVERS, ROADWAY <i>Reservoir Rd. (0.25 miles)</i>	0.00	LS	\$6.00000	\$0.00

Total for Group 0005: \$556,656.00

Group 0006: Fill - Lime Modified Soil

0007	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY <i>It is estimated that there would not be any at this time.</i>	0.00	CY		\$0.00
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Total for Group 0006: \$0.00

Group 0007: Fill - Borrow

0008	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY <i>It is estimated that there would not be any at this time.</i>	0.00	CY	\$8.00000	\$0.00
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Total for Group 0007: \$0.00

Group 0008: Concrete Barrier

0100	Median MAJOR COST DRIVERS, ROADWAY <i>mainline median barrier</i>	0.00	LF	\$100.00000	\$0.00
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Total for Group 0008: \$0.00

Group 0009: Subgrade Treatment - Lime

0011	Mainline MAJOR COST DRIVERS, ROADWAY <i>mainline travel lanes</i>	0.00	SY	\$2.50000	\$0.00
0161	inside shld.	0.00	SY	\$2.50000	\$0.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	MAJOR COST DRIVERS, ROADWAY <i>mainline inside shoulder</i>				
0162	outside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline outside shoulder</i>	0.00	SY	\$2.50000	\$0.00
0163	Ramps MAJOR COST DRIVERS, ROADWAY <i>ramps (1.2 miles)</i>	18,304.00	SY	\$2.50000	\$45,760.00
0180	4th & Breese MAJOR COST DRIVERS, ROADWAY <i>4th and Breese Road</i>	0.00	SY	\$2.50000	\$0.00
0181	SR 81 MAJOR COST DRIVERS, ROADWAY <i>SR 81 (0.74 miles)</i>	32,994.00	SY	\$2.50000	\$82,485.00
0182	other side rd MAJOR COST DRIVERS, ROADWAY <i>Reservoir Rd. (0.25 miles)</i>	0.00	SY	\$2.50000	\$0.00
0183	Yoder Rd. MAJOR COST DRIVERS, ROADWAY <i>Yoder Road</i>	0.00	SY	\$2.50000	\$0.00

Total for Group 0009: \$128,245.00

Group 0010: Subgrade Treatment - Cement

0012	A-MC-RDWY MAJOR COST DRIVERS, ROADWAY <i>It is estimated that there would not be any at this time.</i>	0.00	SY	\$2.50000	\$0.00
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Total for Group 0010: \$0.00

Group 0011: Subgrade Treatment - Undercut & Backfill

0013	Mainline MAJOR COST DRIVERS, ROADWAY <i>mainline travel lanes</i>	0.00	LAMI	\$22,800.00000	\$0.00
0164	inside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline inside shoulder</i>	0.00	CY	\$12.00000	\$0.00
0165	outside shld. MAJOR COST DRIVERS, ROADWAY <i>mainline outside shoulder</i>	0.00	CY	\$12.00000	\$0.00
0166	Ramps MAJOR COST DRIVERS, ROADWAY <i>ramps (1.2 miles)</i>	6,101.00	CY	\$12.00000	\$73,212.00
0184	4th & Breese MAJOR COST DRIVERS, ROADWAY <i>4th and Breese Road</i>	0.00	CY	\$12.00000	\$0.00
0185	SR 81 MAJOR COST DRIVERS, ROADWAY <i>SR 81 (0.74 miles)</i>	10,998.00	LS	\$12.00000	\$131,976.00
0186	Yoder Rd. MAJOR COST DRIVERS, ROADWAY <i>Yoder Road</i>	0.00	CY	\$12.00000	\$0.00
0187	other side rd MAJOR COST DRIVERS, ROADWAY <i>Reservoir Rd. (0.25 miles)</i>	0.00	CY	\$12.00000	\$0.00

Total for Group 0011: \$205,188.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0012: Other Roadway Costs

0014	Contingency OTHER COSTS, ROADWAY <i>design contingency 25% of 1,945,225</i>	1.00	LS	\$486,306.00000	\$486,306.00
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Total for Group 0012: \$486,306.00

Group 0013: Seeding & Mulching / Sodding

0015	Mainline MAJOR COST DRIVERS, EROSION CONTROL <i>estimated at 75 feet on each side of the road.</i>	0.00	SY	\$1.00000	\$0.00
0016	Sideroads MAJOR COST DRIVERS, EROSION CONTROL <i>estimated at 50 feet on each side of the road.</i>	43,413.00	SY	\$1.00000	\$43,413.00
0017	Ramps MAJOR COST DRIVERS, EROSION CONTROL <i>estimated at 50 feet on each side of the ramps.</i>	70,400.00	SY	\$1.00000	\$70,400.00

Total for Group 0013: \$113,813.00

Group 0014: Rock Channel Protection

0018	for culverts MAJOR COST DRIVERS, EROSION CONTROL <i>7 culverts with and area of 12'x15'x18" each</i>	70.00	CY	\$75.00000	\$5,250.00
0019	for inlets MAJOR COST DRIVERS, EROSION CONTROL <i>0 inlets with and area of 4'x6'x18" each</i>	0.00	CY	\$75.00000	\$0.00

Total for Group 0014: \$5,250.00

Group 0015: Erosion Control - Item 832

0020	B-MC-ERCO MAJOR COST DRIVERS, EROSION CONTROL	1.00	EACH	\$0.00000	\$0.00
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Total for Group 0015: \$0.00

Group 0016: Other Erosion Control Costs

0021	Contingency OTHER COSTS, EROSION CONTROL <i>design contingency 25% of 119,063</i>	1.00	LS	\$29,766.00000	\$29,766.00
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Total for Group 0016: \$29,766.00

Group 0017: Underdrains

0022	Mainline MAJOR COST DRIVERS, DRAINAGE <i>mainline travel lanes</i>	0.00	FT	\$8.00000	\$0.00
0167	inside shld. MAJOR COST DRIVERS, DRAINAGE <i>mainline inside shoulder</i>	0.00	FT	\$8.00000	\$0.00
0168	outside shld. MAJOR COST DRIVERS, DRAINAGE <i>mainline outside shoulders</i>	0.00	FT	\$8.00000	\$0.00
0169	Ramps MAJOR COST DRIVERS, DRAINAGE <i>ramps (1.2 miles)</i>	6,336.00	FT	\$8.00000	\$50,688.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
0188	4th & Breese OTHER COSTS, DRAINAGE <i>4th & Breese</i>	0.00	FT	\$8.00000	\$0.00
0189	SR 81 MAJOR COST DRIVERS, DRAINAGE <i>SR 81 (0.74 miles)</i>	14,784.00	FT	\$8.00000	\$118,272.00
0190	Yoder Rd. MAJOR COST DRIVERS, DRAINAGE <i>Yoder Road</i>	0.00	FT	\$8.00000	\$0.00
0191	other side rd MAJOR COST DRIVERS, DRAINAGE <i>Reservoir Rd. (0.25 miles)</i>	0.00	FT	\$8.00000	\$0.00

Total for Group 0017: \$168,960.00

Group 0018: Culverts - Type A: < 5'

0023	RCP<60" MAJOR COST DRIVERS, DRAINAGE <i>RCP</i>	205.00	FT	\$350.00000	\$71,750.00
0102	Concrete MAJOR COST DRIVERS, DRAINAGE <i>Concrete for Headwalls</i>	8.00	EACH	\$1,000.00000	\$8,000.00
0103	Removal MAJOR COST DRIVERS, DRAINAGE <i>Removal of Existing Pipe</i>	0.00	FT	\$35.00000	\$0.00

Total for Group 0018: \$79,750.00

Group 0019: Culverts, Type A: 5' - 10'

0024	66" - 78" MAJOR COST DRIVERS, DRAINAGE <i>RCP 66" to 78"</i>	270.00	FT	\$500.00000	\$135,000.00
0101	Concrete MAJOR COST DRIVERS, DRAINAGE <i>Concrete for Headwalls</i>	6.00	EACH	\$1,750.00000	\$10,500.00
0104	Removal MAJOR COST DRIVERS, DRAINAGE <i>Removal of existing pipe</i>	0.00	FT	\$100.00000	\$0.00

Total for Group 0019: \$145,500.00

Group 0020: Culverts, Type A: 10' - 20'

0025	Precast box MAJOR COST DRIVERS, DRAINAGE <i>18' x 5' Thru 20' x 10' Precast Box</i>	0.00	FT	\$2,800.00000	\$0.00
0105	Concrete MAJOR COST DRIVERS, DRAINAGE <i>Concrete For Headwalls</i>	0.00	EACH	\$10,000.00000	\$0.00
0106	Removal MAJOR COST DRIVERS, DRAINAGE <i>assuming 1075 feet by 15 feet</i>	0.00	SF	\$18.00000	\$0.00

Total for Group 0020: \$0.00

Group 0021: Median Drainage

0026	Pipe MAJOR COST DRIVERS, DRAINAGE	0.00	FT	\$150.00000	\$0.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

0170	inlet MAJOR COST DRIVERS, DRAINAGE	0.00	EACH	\$5,000.00000	\$0.00
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Total for Group 0021: \$0.00

Group 0022: BMP's

0027	C-MC-DRNG MAJOR COST DRIVERS, DRAINAGE	1.00	LS	\$0.00000	\$0.00
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Total for Group 0022: \$0.00

Group 0023: Closed Storm System

0028	SR 117 MAJOR COST DRIVERS, DRAINAGE	0.00	FT	\$200.00000	\$0.00
0120	GREELEY	0.00	FT	\$200.00000	\$0.00
0121	C/D RD.	0.00	FT	\$200.00000	\$0.00
0122	FRONTAGE RD	0.00	FT	\$200.00000	\$0.00
0128	SERVICE RD	0.00	FT	\$200.00000	\$0.00

Total for Group 0023: \$0.00

Group 0024: Other Drainage Costs

0029	Contingency OTHER COSTS, DRAINAGE <i>design contingency 25% of 394,210</i>	1.00	LS	\$98,553.00000	\$98,553.00
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Total for Group 0024: \$98,553.00

Group 0025: Mainline - Travel Lanes

0030	Conc. pav't MAJOR COST DRIVERS, PAVEMENT <i>13" reinforced concrete build up</i>	0.00	SY	\$40.00000	\$0.00
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Total for Group 0025: \$0.00

Group 0026: Mainline - Outside Shoulder

0031	Conc. pav't MAJOR COST DRIVERS, PAVEMENT <i>13" reinforced concrete build up</i>	0.00	SY	\$44.00000	\$0.00
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Total for Group 0026: \$0.00

Group 0027: Mainline - Inside Shoulder

0032	Conc. pav't. MAJOR COST DRIVERS, PAVEMENT <i>13" reinforced concrete build up</i>	0.00	SY	\$44.00000	\$0.00
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Total for Group 0027: \$0.00

Group 0028: Ramps

0135	Conc. pav't MAJOR COST DRIVERS, PAVEMENT <i>13" reinforced concrete build up for 1.2 miles of ramp.</i>	17,600.00	SY	\$44.00000	\$774,400.00
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Total for Group 0028: \$774,400.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0029: Non - Mainline Lanes

0107	4th & Breese <i>4th & Breese Road (asphalt build up)</i>	0.00	SY	\$38.00000	\$0.00
0108	Improve 65 Resurface and intersection modifications <i>Improvement of SR65</i>	0.00	SY	\$0.00000	\$0.00
0109	Service Rd	0.00	SY	\$0.00000	\$0.00
0110	Frontage RD	0.00	SY	\$0.00000	\$0.00
0112	SR81 SR 81 <i>SR 81 (asphalt build up) for 0.74 miles</i>	32,994.00	SY	\$38.00000	\$1,253,772.00
0113	3lane117	0.00	SY	\$0.00000	\$0.00
0114	4lane 117	0.00	SY	\$0.00000	\$0.00
0115	4 lane cg 117	0.00	SY	\$0.00000	\$0.00
0116	Greeley	0.00	SY	\$0.00000	\$0.00
0117	Yoder <i>Yoder Road (asphalt build up)</i>	0.00	SY	\$38.00000	\$0.00
0118	other side rd <i>Reservoir Rd. (0.25 miles) (asphalt build up)</i>	0.00	SY	\$38.00000	\$0.00
0119	C/D Road	0.00	SY	\$0.00000	\$0.00

Total for Group 0029: \$1,253,772.00

Group 0030: Concrete Overlay

0033	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	LAMI	\$0.00000	\$0.00
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Total for Group 0030: \$0.00

Group 0031: Rubblize & Roll

0034	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	LS		\$0.00
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Total for Group 0031: \$0.00

Group 0032: Joint Repair

0035	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	SY		\$0.00
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Total for Group 0032: \$0.00

Group 0033: Slab Replacement

0036	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT	0.00	SY	\$70.00000	\$0.00
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Total for Group 0033: \$0.00

Group 0034: Overlay

0037	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	LAMI		\$0.00
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Total for Group 0034: \$0.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
Group 0035: Dowel Bar Retrofit					
0038	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	LS		\$0.00
Total for Group 0035: \$0.00					
Group 0036: Diamond Grinding					
0039	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	SY		\$0.00
Total for Group 0036: \$0.00					
Group 0037: Undersealing					
0040	D-MC-PVMT MAJOR COST DRIVERS, PAVEMENT <i>It is estimated that there would not be any at this time.</i>	0.00	LS		\$0.00
Total for Group 0037: \$0.00					
Group 0038: Other Pavement Costs					
0041	Contingency OTHER COSTS, PAVEMENT <i>Design contingency 25% of 2028172</i>	1.00	LS	\$490,105.00000	\$490,105.00
Total for Group 0038: \$490,105.00					
Group 0039: Water Works					
0042	E-MC-WATR MAJOR COST DRIVERS, WATER LINE	1.00	LS	\$0.00000	\$0.00
0043	Contingency OTHER COSTS, WATER LINE <i>design contingency 25% of 0</i>	1.00	LS	\$0.00000	\$0.00
Total for Group 0039: \$0.00					
Group 0040: Sanitary Line					
0045	Contingency OTHER COSTS, SANITARY SEWER <i>design contingency 25% of 0</i>	1.00	LS	\$0.00000	\$0.00
0219	F-MC-SANI MAJOR COST DRIVERS, SANITARY SEWER	1.00	LS	\$0.00000	\$0.00
Total for Group 0040: \$0.00					
Group 0041: Lighting - Full Interchange					
0046	G-MC-LTNG MAJOR COST DRIVERS, LIGHTING	1.00	EACH	\$390,000.00000	\$390,000.00
Total for Group 0041: \$390,000.00					
Group 0042: Lighting - Partial Interchange					
0047	G-MC-LTNG MAJOR COST DRIVERS, LIGHTING	0.00	EACH	\$225,000.00000	\$0.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Total for Group 0042: \$0.00

Group 0043: Lighting - Continuous Roadway

0048	G-MC-LTNG MAJOR COST DRIVERS, LIGHTING	0.00	FT	\$35.00000	\$0.00
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Total for Group 0043: \$0.00

Group 0045: Other Lighting Costs

0218	Contingency OTHER COSTS, LIGHTING <i>design contingency 25% of 390,000</i>	1.00	LS	\$97,500.00000	\$97,500.00
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Total for Group 0045: \$97,500.00

Group 0046: Traffic Surveillance

0050	H-MC-SURV MAJOR COST DRIVERS, TRAFFIC SURVEILLANCE	0.00	MILE	\$20,000.00000	\$0.00
0051	Contingency OTHER COSTS, TRAFFIC SURVEILLANCE <i>design contingency 25% of 0</i>	1.00	LS	\$0.00000	\$0.00

Total for Group 0046: \$0.00

Group 0047: Signs

0052	Mainline MAJOR COST DRIVERS, TRAFFIC CONTROL <i>mainline including ramps</i>	0.00	MILE	\$250,000.00000	\$0.00
0192	sideroads MAJOR COST DRIVERS, TRAFFIC CONTROL <i>SR 81 (0.7 miles)</i>	0.70	MILE	\$150,000.00000	\$105,000.00

Total for Group 0047: \$105,000.00

Group 0048: Pavement Marking

0053	Mainline edge MAJOR COST DRIVERS, TRAFFIC CONTROL <i>mainline edge lines</i>	0.00	MILE	\$3,000.00000	\$0.00
0193	Mainline lane MAJOR COST DRIVERS, TRAFFIC CONTROL <i>mainline lane lines</i>	0.00	MILE	\$2,000.00000	\$0.00
0194	Ramp edge MAJOR COST DRIVERS, TRAFFIC CONTROL <i>ramp edge lines</i>	2.40	MILE	\$3,000.00000	\$7,200.00
0195	Sideroad edge MAJOR COST DRIVERS, TRAFFIC CONTROL <i>SR 81 (0.74 miles) edge lines</i>	1.48	MILE	\$3,000.00000	\$4,440.00
0196	sideroad lane MAJOR COST DRIVERS, TRAFFIC CONTROL <i>sideroad lane lines (0.74 miles)</i>	1.48	MILE	\$2,000.00000	\$2,960.00
0197	Sideroad cl MAJOR COST DRIVERS, TRAFFIC CONTROL <i>SR 81 (0.74 miles) center lines</i>	1.40	MILE	\$4,000.00000	\$5,600.00

Total for Group 0048: \$20,200.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0049: Other Traffic Control Costs

0054	Contingency OTHER COSTS, TRAFFIC CONTROL <i>design contingency 25% of 125,200</i>	1.00	LS	\$31,300.00000	\$31,300.00
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Total for Group 0049: \$31,300.00

Group 0050: Signals - Intersections

0055	Standard MAJOR COST DRIVERS, SIGNALS <i>standard design</i>	0.00	EACH	\$100,000.00000	\$0.00
0056	Major MAJOR COST DRIVERS, SIGNALS <i>Major Urban traffic design</i>	0.00	EACH	\$150,000.00000	\$0.00

Total for Group 0050: \$0.00

Group 0051: Other Traffic Signal Costs

0057	Contingency OTHER COSTS, SIGNALS <i>design contingency 25% of 0</i>	1.00	LS	\$0.00000	\$0.00
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Total for Group 0051: \$0.00

Group 0052: Landscaping

0058	L-MC-LSCP MAJOR COST DRIVERS, LANDSCAPING <i>at interchanges only</i>	1.00	EACH	\$75,000.00000	\$75,000.00
0144	Contingency OTHER COSTS, LANDSCAPING <i>design contingency 25% of 75,000</i>	1.00	LS	\$18,750.00000	\$18,750.00

Total for Group 0052: \$93,750.00

Group 0053: Retaining Walls

0059	MSE MAJOR COST DRIVERS, RETAINING WALLS <i>MSE Wall</i>	0.00	SF	\$75.00000	\$0.00
0060	MSE ext urban MAJOR COST DRIVERS, RETAINING WALLS <i>MSE Wall extreme urban (high volume areas)</i>	0.00	SF	\$90.00000	\$0.00
0061	Pour in place MAJOR COST DRIVERS, RETAINING WALLS <i>poured in place wall</i>	0.00	SF	\$115.00000	\$0.00

Total for Group 0053: \$0.00

Group 0054: Other Retaining Wall Costs

0062	Contingency OTHER COSTS, RETAINING WALLS <i>design contingency 25% of 0</i>	1.00	LS	\$0.00000	\$0.00
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Total for Group 0054: \$0.00

Group 0055: Building Demolition

0064	Residential	0.00	EACH	\$7,500.00000	\$0.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	Description Supplemental Description				
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>residential building demolition</i>				
0065	Shed	0.00	EACH	\$750.00000	\$0.00
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>shed demolition</i>				
0066	Res. garage	0.00	EACH	\$2,500.00000	\$0.00
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>residential garage demolition</i>				
0067	Commercial	0.00	EACH	\$18,000.00000	\$0.00
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>commercial building demolition</i>				
0068	SS island	0.00	EACH	\$2,500.00000	\$0.00
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>service station island demolition</i>				
0069	SS tanks	0.00	EACH	\$15,000.00000	\$0.00
	MAJOR COST DRIVERS, BUILDING DEMOLITION <i>service station tank removal (9000-12000 gals.)</i>				
0146	Contingency	0.00	LS	\$15,750.00000	\$0.00
	OTHER COSTS, BUILDING DEMOLITION <i>design contingency 25% of 45,000</i>				

Total for Group 0055: \$0.00

Group 0056: Noise Barrier

0063	P-MC-NSBR	0.00	FT	\$400.00000	\$0.00
	MAJOR COST DRIVERS, NOISE BARRIER				

Total for Group 0056: \$0.00

Group 0057: Other Noise Barrier Costs

0070	Contingency	1.00	LS	\$0.00000	\$0.00
	OTHER COSTS, NOISE BARRIER <i>design contingency 25% of 0</i>				

Total for Group 0057: \$0.00

Group 0058: New Structures

0071	ALL-75-0100	0.00	SF	\$85.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>new bridge for ALL-75-0100 L/R (over Little Ottawa River)</i>				
0111	ALL-75-0100	0.00	SF	\$15.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>removal of existing bridge for ALL-75-0100 L/R (over Little Ottawa River)</i>				
0198	ALL-75-0212	0.00	SF	\$90.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>new bridge for ALL-75-0212 (Breese Road over I-75)</i>				
0199	ALL-75-0212	0.00	SF	\$15.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>removal of existing ALL-75-0212 (Breese Road over I-75)</i>				
0200	ALL-75-0328	0.00	SF	\$90.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>new bridge for ALL-75-0328 (McClain Road over I-75)</i>				
0201	ALL-75-0328	0.00	SF	\$15.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES <i>removal of existing ALL-75-0328 (McClain Road over I-75)</i>				
0202	ALL-75-0423	0.00	SF	\$90.00000	\$0.00
	MAJOR COST DRIVERS, STRUCTURES				

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<i>new bridge for ALL-75-0423 L/R (over SR 65)</i>					
0203	ALL-75-0423	0.00	SF	\$25.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0423 L/R (over SR 65)</i>					
<i>new bridge for ALL-75-0508 (Hanthorn Road over I-75)</i>					
0204	ALL-75-0508	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0508 (Hanthorn Road over I-75)</i>					
<i>new bridge for ALL-75-0611 (4th Street over I-75)</i>					
0205	ALL-75-0611	0.00	SF	\$15.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0611 (4th Street over I-75)</i>					
<i>new bridge for ALL-75-0611 (4th Street over I-75)</i>					
0206	ALL-75-0611	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0611 (4th Street over I-75)</i>					
<i>new bridge for ALL-75-0703 (over US 309)</i>					
0207	ALL-75-0703	0.00	SF	\$15.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0703 (over US 309)</i>					
<i>new bridge for ALL-75-0703 (over US 309)</i>					
0208	ALL-75-0703	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0703 (over US 309)</i>					
<i>new bridge for ALL-75-0703 (over US 309)</i>					
0209	ALL-75-0703	0.00	SF	\$25.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0703 (over US 309)</i>					
<i>new bridge for ALL-75-0785 (Reservoir Road over I-75)</i>					
0210	ALL-75-0785	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0785 (Reservoir Road over I-75)</i>					
<i>new bridge for ALL-75-0785 (Reservoir Road over I-75)</i>					
0211	ALL-75-0785	0.00	SF	\$15.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0785 (Reservoir Road over I-75)</i>					
<i>new bridge for ALL-75-0813 (over Conrail) 130' width by 197' length</i>					
0212	ALL-75-0813	0.00	SF	\$90.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0813 (over conrail)</i>					
<i>new bridge for ALL-75-0832 (over Ottawa River) 130' width by 170' length</i>					
0213	ALL-75-0832	0.00	SF	\$25.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0832 (over Ottawa River)</i>					
<i>new bridge for ALL-75-0875 (over SR 81) 130' width by 124' length</i>					
0214	ALL-75-0875	16,120.00	SF	\$90.00000	\$1,450,800.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0875 (over SR 81)</i>					
0215	ALL-75-0875	0.00	SF	\$25.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0875 (over SR 81)</i>					
0216	ALL-75-0875	0.00	SF	\$25.00000	\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>removal of existing ALL-75-0875 (over SR 81)</i>					

Total for Group 0058: \$1,450,800.00

Group 0059: Rehabilitated Structures

0072	R-MC-STRC	0.00	LS		\$0.00
MAJOR COST DRIVERS, STRUCTURES					
<i>It is estimated that there would not be any at this time.</i>					

Total for Group 0059: \$0.00

Group 0060: Other Structure Costs

0073	Contingency	1.00	LS	\$362,700.00000	\$362,700.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

OTHER COSTS, STRUCTURES
design contingency 25% of 1,450,800

Total for Group 0060: \$362,700.00

Group 0061: Temporary Road and Pavement Costs

0074	Temp. Road MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>mainline</i>	0.00	SY	\$10.00000	\$0.00
0075	Temp. Road MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>ramps</i>	1,000.00	SY	\$10.00000	\$10,000.00
0076	Temp. Road MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>sideroad</i>	533.00	SY	\$10.00000	\$5,330.00
0077	Mainline pavt MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.00	SY	\$15.00000	\$0.00
0078	sideroad pavt MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	533.00	SY	\$15.00000	\$7,995.00
0079	Ramp pavt MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	1,000.00	SY	\$15.00000	\$15,000.00

Total for Group 0061: \$38,325.00

Group 0062: Portable Concrete Barrier (PCB)

0080	Mainline MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.00	FT	\$11.00000	\$0.00
0081	Ramps MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	4,000.00	FT	\$11.00000	\$44,000.00
0082	Sideroad MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	1,000.00	FT	\$11.00000	\$11,000.00

Total for Group 0062: \$55,000.00

Group 0063: Impact Attenuators

0083	Mainline MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Temporary Bi-directional</i>	0.00	EACH	\$5,000.00000	\$0.00
0084	Sideroad MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Temporary Bi-directional</i>	2.00	EACH	\$5,000.00000	\$10,000.00
0085	Ramps MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Temporary Uni-directional</i>	4.00	EACH	\$6,500.00000	\$26,000.00

Total for Group 0063: \$36,000.00

Group 0064: Sheeting

0086	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	0.00	SF	\$15.00000	\$0.00
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Total for Group 0064: \$0.00

Group 0065: Temporary Signals

0087	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	1.00	EACH	\$15,000.00000	\$15,000.00
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<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<u>Description</u>				
	<u>Supplemental Description</u>				

Total for Group 0065: \$15,000.00

Group 0066: Work Zone Lighting

0088	Portable MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Portable Light Units,</i>	0.00	EACH	\$1,000.00000	\$0.00
0096	Stationary MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC <i>Stationary Tripod Lighting</i>	0.00	EACH	\$500.00000	\$0.00

Total for Group 0066: \$0.00

Group 0067: Innovative Contracting Incentives

0089	S-MC-MNTC MAJOR COST DRIVERS, MAINTENANCE OF TRAFFIC	1.00	LS	\$0.00000	\$0.00
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Total for Group 0067: \$0.00

Group 0068: Other MOT Costs

0090	Contingency OTHER COSTS, MAINTENANCE OF TRAFFIC <i>design contingency of 25% of 144,325</i>	1.00	LS	\$36,081.00000	\$36,081.00
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Total for Group 0068: \$36,081.00

Group 0069: Wetland Construction

0091	T-MC-WTLD MAJOR COST DRIVERS, WETLAND CONSTRUCTION <i>It is estimated that there would not be any at this time.</i>	0.00	ACRE		\$0.00
0092	T-OC-WTLD OTHER COSTS, WETLAND CONSTRUCTION <i>Stream Restoration</i>	0.00	LF		\$0.00

Total for Group 0069: \$0.00

Group 0070: Misc. Costs

0093	Performance MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>performance bond - 0.5% of construction cost 8,323,056</i>	1.00	LS	\$41,615.00000	\$41,615.00
0148	RR insurance MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>Railroad insurance bond</i>	0.00	LS	\$10,000.00000	\$0.00
0149	Field office MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>field office type c (this item was included in Segment 1 for the entire project)</i>	0.00	MNTH	\$2,700.00000	\$0.00
0150	Staking MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>construction staking - 0.5% of construction cost 8,323,056</i>	1.00	LS	\$41,616.00000	\$41,616.00
0151	Main. traffic MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>maintaining traffic - 3% of construction cost 8,323,056</i>	1.00	LS	\$249,692.00000	\$249,692.00
0152	Mobilization MAJOR COST DRIVERS, MISCELLANEOUS COSTS <i>2,000,000 for entire project</i>	1.00	LS	\$0.00000	\$0.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<u>Description</u>				
	<u>Supplemental Description</u>				

Total for Group 0070: \$332,923.00

Group 0071: Construction Contingency Costs

0094	V-MC-CNTG		LS		\$0.00
	MAJOR COST DRIVERS, CONTINGENCY COSTS				
	<i>It is estimated that there would not be any at this time.</i>				

Total for Group 0071: \$0.00

Group 0072: Inflation Contingency

0095	V-OC-CNTG	1.00	LS	\$4,221,611.00000	\$4,221,611.00
	OTHER COSTS, CONTINGENCY COSTS				
	<i>used mid range of 48.8% of 8,655,979.00 (mid construction date of 10/1/2013)</i>				

Total for Group 0072: \$4,221,611.00