

Tiger Grant III Uses of Project Funds Budget in Brief

Item Description	Additional Info	Unit	TIGER Funds	Match	Total Construction	Engineering/Admin/Legal and Construction Observation	Total Project Funds
Railroad	3 spurs totaling 10,860	l.s.	\$4,890,770		\$4,144,720	\$746,050	\$4,890,770
Road Front Street	3,600 ft. of new road	l.s.	\$1,108,140		\$939,102	\$169,038	\$1,108,140
Laydown Yard	20 acre pad	l.s.	\$4,000,000		\$3,389,831	\$610,169	\$4,000,000
Double Stacker Loft Machine	Equipment	l.s.		\$600,000	\$508,475	\$91,525	\$600,000
Double Stacker Loft Machine	Equipment	l.s.		\$475,000	\$402,542	\$72,458	\$475,000
Natural Gas to Energy Park	4-inch pipe into site	l.s.		\$240,000	\$203,390	\$36,610	\$240,000
Power to Energy Park	Along 13th Street	l.s.		\$250,000	\$211,864	\$38,136	\$250,000
Storm Water	Detention/Culverts	l.s.		\$187,900	\$159,237	\$28,663	\$187,900
Wastewater from Energy Park	9300" of 8-inch pipe	l.s.		\$1,181,638	\$1,001,388	\$180,250	\$1,181,638
Bulk Facility	Expansion	l.s.		\$1,000,000	\$847,458	\$152,542	\$1,000,000
Drinking Water to Energy Park	14,211 ft. of 18-inch pipe	l.s.		\$3,412,020	\$2,891,542	\$520,478	\$3,412,020
Total Estimated Cost			\$9,998,910	\$7,346,558	\$14,699,549	\$2,645,919	\$17,345,468

Sources and uses of Non-Federal Funds: Matching funds will be provided by the City of Shelby's Tax Increment Finance District. The district will provide for the extension of public utilities necessary to serve the Multimodal Facility. Drinking water and required fire flows will be met by the extension of 18-inch water mains into the facility. Waste water will be addressed by the extension of 8-inch sanitary sewer mains into the facility and connected to the city of Shelby wastewater treatment facility. Storm water drainage and retention will be address on site and in accordance with storm water discharge permits received prior to the start of construction. Electrical transmission lines will be extended into the facility along the west property boundary from 13th Street. Natural gas will also be extended into the facility from 13th Street utilizing 4-inch gas mains along the west boundary of the facility. The port authority bulk facility will be expanded by Malteuope to accommodate their international malt exports. The lift equipment will be purchased pursuant to the operational contract requirements of the facility operator to accommodate the loading and unloading of unit container trains that serve the multimodal facility.



 Engineers Surveyors
 Planners

Tiger Grant III
Wastewater from Energy Park

Item	Quantity	Unit	Unit Cost	Cost
Mobilization	1	LS	\$55,000.00	\$55,000
8-Inch Sewer Pipe	9,300	LF	\$54.00	\$502,200
8-Inch Drop Inlet for Sanitary Sewer	8	EA	\$920.00	\$7,360
BNSF RR Bore	1	LS	\$200,000.00	\$200,000
Connection to Existing Main	1	LS	\$5,101.00	\$5,101
48-Inch Sanitary Manhole	20	EA	\$3,000.00	\$60,000
Surface Reclamation	1	LS	\$25,400.00	\$25,400
Bedding Material	1,283	CY	\$36.00	\$46,188
Estimated Construction Cost				\$901,249
Contingency 10%				\$100,139
Total Construction Cost				\$1,001,388
Engineering/Legal 8%				\$80,111
Construction Observation/Admin 10%				\$100,139
Total Project Funds				\$1,181,638

Wastewater infrastructure will include construction of sewer main to collect wastewater from energy park users and transport sewage to the City of Shelby's wastewater treatment system.

Tiger Grant III
Storm Water

Item	Quantity	Unit	Unit Cost	Cost
Mobilization	1	LS	\$6,843.00	\$6,843
Detention Pond Excavation	4480	CY	\$7.50	\$33,600
Detention Pond Lining	69,000	SF	\$0.58	\$40,020
Diversion Grading	1	LS	\$7,000	\$7,000
Culvert Allowance	10	EA	\$3,500	\$35,000
Rip Rap Allowance	250	CY	\$45	\$11,250
Detention Release Structure	4	EA	\$2,400	\$9,600
Estimated Construction Cost				\$143,313
Contingency 10%				\$15,924
Total Construction Cost				\$159,237
Engineering/Legal 8%				\$12,739
Construction Observation/Admin 10%				\$15,924
Total Project Funds				\$187,900

Stormwater infrastructure will include construction in a manner to provide positive drainage from the site, and installation of storm drain structures as necessary to direct drainage from the site. Construction will also include creation of detention ponds, sized to limit the release of stormwater from the site to a reasonable level.

Tiger Grant III
Road South East Front Street

Item	Quantity	Unit	Unit Cost	Cost
Mobilization	1	LS	\$44,330	\$44,330
Common Excavation	9,600	CY	\$7.50	\$72,000
Asphalt Pavement	5,760	Ton	\$90	\$518,400
1½ Minus Base Course	4,772	CY	\$36.00	\$171,792
Corrugated Metal Pipe	144	LF	\$75.00	\$10,800
Seeding	1	LS	\$13,535	\$13,535
Signing and Striping	1	LS	\$14,335	\$14,335
Estimated Construction Cost				\$845,192
Contingency 10%				\$93,910
Total Construction Cost				\$939,102
Engineering/Legal 8%				\$75,128
Construction Observation/Admin 10%				\$93,910
Total Project Funds				\$1,108,140

The road construction portion of the project consists of the improvement and construction of 3,600 feet of road. The south 2,600 feet will be improved to accommodate heavy truck traffic associated with the energy park. Improvements include common excavation, construction of a gravel base course, storm drainage, and asphalt surfacing.

Tiger Grant III
Railroad

Item	Quantity	Unit	Unit Cost	Cost
Mobilization	1	LS	\$19,928	\$19,928
Earth Excavation	112,233	CY	\$8	\$841,748
Subballast	26,138	CY	\$36	\$940,972
Switch for Secondary Spur	2	EA	\$50,000	\$100,000
Railroad Crossing	6	EA	\$15,000	\$90,000
Railroad Track Installation	10,860	LF	\$160	\$1,737,600
Estimated Construction Cost				\$3,730,248
Contingency 10%				\$414,472
Total Construction Cost				\$4,144,720
Engineering/Legal 8%				\$331,578
Construction Observation/Admin 10%				\$414,472
Total Project Funds				\$4,890,770

The railroad portion of the project includes construction of approximately 10,860 lineal feet of railroad spur track, installation of two positive train control compliant railroad spur switches, and all of the necessary subgrade and base course material to support the railroad infrastructure. The project will also include construction of 6 vehicle crossings to accommodate transportation between the railroad spurs.

Tiger Grant III
Power to Energy Park

Item	Quantity	Unit	Unit Cost	Cost
Mobilization	1	LS	\$12,000.00	\$12,000
Install Power Line	1	LS	\$174,500.00	\$174,500
Reclamation/Seeding	1	LS	\$4,178.00	\$4,178
Estimated Construction Cost				\$190,678
Contingency 10%				\$21,186
Total Construction Cost				\$211,864
Engineering/Legal 8%				\$16,949
Construction Observation/Admin 10%				\$21,186
Total Project Funds				\$250,000

The proposed electrical line will tie into existing Marias River Electric infrastructure and extend along the west property boundary from 13th Street to provide service to each of the potential users.

Tiger Grant III
Natural Gas to Energy Park

Item	Quantity	Unit	Unit Cost	Cost
Mobilization	1	LS	\$10,000.00	\$10,000
Install Gas Main	1	LS	\$170,000.00	\$170,000
Reclamation/Seeding	1	LS	\$3,051.00	\$3,051
Estimated Construction Cost				\$183,051
Contingency 10%				\$20,339
Total Construction Cost				\$203,390
Engineering/Legal 8%				\$16,271
Construction Observation/Admin 10%				\$20,339
Total Project Funds				\$240,000

Natural gas will be extended into the facility from 13th Street utilizing 4-inch gas mains along the west boundary of the facility.

Tiger Grant III
Laydown Yard

Item	Quantity	Unit	Unit Cost	Cost
Mobilization	1	LS	\$200,000.00	\$200,000
Clear and Grub	20	ACRE	\$3,000.00	\$60,000
Seeding	20	ACRE	\$2,208.00	\$44,160
Signing	1	LS	\$3,500.00	\$3,500
Earth Excavation	56,000	CY	\$7.50	\$420,000
Gravel Surfacing	64,533	CY	\$36.00	\$2,323,188
Estimated Construction Cost				\$3,050,848
Contingency 10%				\$338,983
Total Construction Cost				\$3,389,831
Engineering/Legal 8%				\$271,186
Construction Observation/Admin 10%				\$338,983
Total Project Funds				\$4,000,000

Areas between the primary and secondary spurs have been identified as locations for equipment laydown areas. These areas total approximately 20 acres and will be graded to drain, compacted, and covered with a gravel section.

Tiger Grant III
Drinking Water to Energy Park

Item	Quantity	Unit	Unit Cost	Cost
Mobilization	1	LS	\$155,082.00	\$155,082
Bedding Material	3,400	CY	\$36.00	\$122,400
18-Inch Water main	14,211	LF	\$146.00	\$2,074,806
8-Inch Hydrant	5	EA	\$7,200	\$36,000
Connection to Existing Main	1	LS	\$6,500.00	\$6,500
Gate Valves	9	EA	\$4,800.00	\$43,200
Air Release Manhole	10	EA	\$13,900.00	\$139,000
Surface Reclamation	1	LS	\$25,400.00	\$25,400
Estimated Construction Cost				\$2,602,388
Contingency 10%				\$289,154
Total Construction Cost				\$2,891,542
Engineering/Legal 8%				\$231,323
Construction Observation/Admin 10%				\$289,154
Total Project Funds				\$3,412,020

Drinking water and required flows will be met by the extension of 18-inch water mains into the facility. This water line will tie into the existing City of Shelby drinking water distribution facility.