

*Draft*

# Environmental Impact Statement for the Next NGA West Campus in the Greater St. Louis Metropolitan Area

Appendices

Prepared for  
**National Geospatial-Intelligence Agency**



October 2015

**Appendix 4.15A**  
**Cumulative Solid Waste Calculations**

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APPENDIX 4.15A  
Cumulative Solid Waste Calculations

Item	Site	MDOT Project	Area (SF)	Length (feet)	Width (feet)	Depth / Thickness (feet)	Total		CY		
							CF	CY	Concrete	Steel	Asphalt
<b>1.0</b>	<b>Fenton (MO)</b>										
1.1		I-44 at Route 141 D&B	1,500,000	-	-	5	7,500,000	277,778	263,889	13,889	-
1.2		Pacific to St. Louis Commuter Rail	-	55,000	12	3	1,980,000	73,333	69,667	3,667	-
1.3		Meramec River Bridge Replacement	300,000	-	-	5	1,500,000	55,556	52,778	2,778	-
1.4		US 50 over BNSF RR Bridge Resurfacing	6,800	-	-	1	6,800	252	239	13	252
1.5		<b>Totals:</b>	<b>1,806,800</b>	<b>55,000</b>			<b>10,986,800</b>	<b>406,919</b>	<b>386,573</b>	<b>20,346</b>	<b>252</b>
<b>2.0</b>	<b>Mehlville (MO)</b>										
2.1		Meramec River Bridge Replacement	300,000	-	-	5	1,500,000	55,556	52,778	2,778	-
<b>3.0</b>	<b>St. Louis City (MO)</b>										
3.1		Northside Florissant Valley Metro Link	-	41,000	12	3	1,476,000	54,667	51,933	2,733	-
3.2		North Side MOS Metro Link (combined with above)	-	-	-	-	-	-	-	-	-
3.3		Grocery and Seed Store	16,000	-	-	3	78,000	4,000.00	3,800	200	1,111
3.4		Health Care Village	179,000	-	-	3	1,881,000	69,667	56,683	2,983	10,000
3.5		Pacific to St. Louis Commuter Rail	27,000	-	-	3	81,000	3,000	2,850	150	-
3.6		IDOT New Interchange	2,100,000	-	-	5	10,500,000	388,889	369,444	19,444	-
3.7		164 Poplar Street Bridge	10,500	-	-	5	52,500	1,944	1,847	97	-
1.5		<b>Totals:</b>	<b>2,316,500</b>	<b>41,000</b>			<b>12,514,500</b>	<b>463,500</b>	<b>430,825</b>	<b>22,675</b>	<b>10,000</b>
<b>4.0</b>	<b>St. Clair County (IL)</b>										
4.1		IL Gateway Connector	-	51,000	50	3	7,650,000	283,333	269,167	14,167	-
4.2		E-W Arterial Road A Silver Creek Crossing	-	24,000	50	3	3,600,000	133,333	126,667	6,667	-
4.3		Old Vincennes Trail Extension	-	5,500	20	1	110,000	4,074	3,870	204	-
4.4		Shiloh Valley Township Road Improvements	-	13,000	50	3	1,950,000	72,222	68,611	3,611	-
4.5		Rieder Road Interchange	2,800,000	-	-	3	8,400,000	311,111	295,556	15,556	-
4.6		Meto Link Extension	-	5,100	12	3	183,600	6,800	6,460	340	-
4.7		E-W Collector Road B Extension	-	32,000	50	3	4,800,000	177,778	168,889	8,889	-
4.8		<b>Totals:</b>	<b>2,800,000</b>	<b>130,600</b>			<b>13,383,600</b>	<b>495,689</b>	<b>470,904</b>	<b>24,784</b>	<b>-</b>