

ATTACHMENT B (page 1 of 2)
ESTIMATED COST FOR UPRR WORK
Project 205104 – MBL Pedestrian Safety Enhancement At Grade Crossings

Term Sheet for

Public Highway At-Grade Crossing Improvement Agreement (the “Agreement”)

The Agreement will allow LACMTA and its contractors entry on Union Pacific Rail Road (“UPRR”) property to install and maintain certain improvements needed for the pedestrian gates project. This Agreement will also obligate UPRR to perform and maintain certain work needed for the pedestrian gates project.

The work to be performed by UPRR includes signal design of the automatic pedestrian gates and installation of the grade crossing panels and the automatic pedestrian gates at 23 specified crossings (the “UPRR Work”).

LACMTA will reimburse UPRR 100% of UPRR’s actual costs (and 50% of certain other UPRR work) incurred in performing the UPRR Work.

LACMTA will purchase easement rights in the amount of \$470,000, which rights are needed –for pedestrian crossing use and for LACMTA to use and maintain certain equipment on UPRR property.

Current estimated costs to reimburse UPRR to perform the UPRR Work is approximately \$8,202,000 plus LACMTA estimated UPRR flagging cost in the amount of \$600,000. Adding in the acquisition cost of needed easement rights, and a 15% contingency, the total cost for UPRR Work is approximately \$10,663,000; provided, however such amount is an estimate only and may be subject to change.

UPRR will provide LACMTA with a heads up if UPRR believes the actual costs will exceed the above estimate. LACMTA can then decide to return to the Board for additional funds or rescope the project.

LACMTA will have rights to audit UPRR’s invoices.

LACMTA will have rights to enter UPRR property to construct, install, maintain, use and repair certain improvements needed to complete the pedestrian gates project.

UPRR will maintain the UPRR Work at an estimated cost of \$200,000 per year. LACMTA is in the process of negotiating a fixed annual maintenance fee with UPRR for these services.

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Crossing	Track & Surface						Install Automatic Flashing Light Crossing Signals					Real Estate	Annual Maintenance Cost
	Engineering	Signal Work	Surface Work	Recollectable	UPRR's Share	Surface Work Total	Engineering	Signal Work	Recollectable	UPRR Share	Signal Work Total		
20th St													
24th St													
41st St	\$15,408	\$89,988	\$28,994	\$134,390	\$0	\$134,390	\$25,026	\$123,292	\$148,318	\$0	\$148,318		\$3,910
Vernon	\$14,293	\$90,969	\$16,596	\$121,858	\$0	\$121,858	\$25,026	\$123,295	\$148,321	\$0	\$148,321		\$3,910
48th Pl	\$13,732	\$82,592	\$23,284	\$119,608	\$0	\$119,608	\$25,026	\$123,295	\$148,321	\$0	\$148,321		\$3,910
55th	\$16,665	\$91,739	\$54,728	\$163,132	\$0	\$163,132	\$49,831	\$385,053	\$434,884	\$0	\$434,884		\$18,190
Gage Ave	\$0	\$0	\$0	\$0	\$0	\$0	\$37,057	\$332,794	\$369,851	\$0	\$369,851		\$6,800
Florence Ave	\$0	\$0	\$0	\$0	\$0	\$0	\$35,685	\$344,339	\$380,024	\$0	\$380,024		\$12,750
Nadeau St	\$15,199	\$87,971	\$31,235	\$134,405	\$0	\$134,405	\$51,068	\$344,705	\$395,773	\$0	\$395,773		\$17,000
92nd	\$14,941	\$87,905	\$28,660	\$131,506	\$0	\$131,506	\$33,624	\$277,983	\$311,607	\$0	\$311,607		\$12,750
Century Blvd	\$9,806	\$107,182	\$17,787	\$134,775	\$0	\$134,775	\$25,026	\$163,724	\$188,750	\$0	\$188,750		\$8,160
103rd	\$13,341	\$95,226	\$15,990	\$124,557	\$0	\$124,557	\$39,832	\$317,342	\$357,174	\$0	\$357,174		\$17,850
108th	\$7,481	\$43,846	\$3,802	\$55,129	\$0	\$55,129	\$37,608	\$294,772	\$332,390	\$0	\$332,390		\$11,390
Wilmington	\$0	\$0	\$0	\$0	\$0	\$0	\$29,503	\$286,267	\$315,770	\$0	\$315,770		\$8,840
119th St	\$6,379	\$36,333	\$19,289	\$62,001	\$62,108	\$124,109	\$30,878	\$253,656	\$284,544	\$0	\$284,544		\$9,520
124th St	\$7,277	\$36,317	\$17,954	\$61,548	\$61,657	\$123,205	\$32,250	\$274,078	\$306,328	\$0	\$306,328		\$9,860
El Segundo	\$8,411	\$36,542	\$29,891	\$74,844	\$74,956	\$149,800	\$42,745	\$345,886	\$388,631	\$0	\$388,631		\$9,860
130th	\$1,670	\$35,802	\$18,474	\$55,896	\$56,005	\$111,901	\$32,250	\$259,333	\$291,583	\$0	\$291,583		\$7,310
Stockwell	\$7,638	\$36,386	\$21,546	\$65,570	\$65,683	\$131,253	\$29,503	\$245,924	\$275,427	\$0	\$275,427		\$8,500
Elm St	\$6,312	\$48,614	\$10,179	\$65,105	\$0	\$65,105	\$23,654	\$240,056	\$263,710	\$0	\$263,710		\$3,570
Compton Blvd	\$7,431	\$38,953	\$7,106	\$53,490	\$0	\$53,490	\$21,593	\$104,270	\$125,863	\$0	\$125,863		\$1,870
Myrrh St	\$7,431	\$38,953	\$7,106	\$53,490	\$0	\$53,490	\$23,683	\$151,802	\$175,485	\$0	\$175,485		\$3,910
Alondra Blvd	\$14,283	\$90,662	\$18,032	\$122,977	\$0	\$122,977	\$23,654	\$152,969	\$176,623	\$0	\$176,623		\$3,910
Greenleaf Blvd	\$11,844	\$903	\$83,162	\$95,909	\$0	\$95,909	\$23,654	\$151,684	\$175,338	\$0	\$175,338		\$3,570
Manville St	\$0	\$0	\$0	\$0	\$0	\$0	\$38,762	\$338,349	\$377,111	\$0	\$377,111		\$9,860
Wardlow Rd													
Spring St													
Sub Total	\$199,542	\$1,176,883	\$453,815	\$1,830,190	\$320,409	\$2,150,599	\$736,938	\$5,634,868	\$6,371,826	\$0	\$6,371,826	\$470,000	\$197,200
UPRR Estimated Total				\$1,830,190					\$6,371,826			\$470,000	TBD

Lump Sum Value per David LaPlante on June 04, 2015

All Recollectable Costs and Real Estate Costs (Excluding Annual Maintenance Costs) **\$8,672,016**
Metro Estimated UPRR Flagging Cost **\$600,000**
Metro 15% Contingency **\$1,390,802**

Total Estimated Cost for UPRR Work **\$10,662,818**