

Table A
Engineering & Construction
FY16 FTE Request for Consultant Conversion Positions-

No. FTE	Cost Center	Project No.	Position Title	Job Description	Justification	QTR Needed
2	8410	860228 -- RC	Construction Inspector	Construction Inspectors: This position inspects each stage of construction of Regional Connector; track, tunnel and stations as well as all contractors activities, to be in accordance with plans and specs. Prepares non-conformance reports; maintains daily logs; monitor contractor testing activities; support construction safety functions; coordinates Metro test lab activities; and oversee DB inspection activities.	Construction Management Department does not have the personnel to assign to these activities at this point in time. Metro does not want to use consultants at this time due to the higher cost of consultants.	Q1
1	8410	860228 -- RC	Construction Inspector	Construction Inspector: This position inspects each stage of construction of Regional Connector; track, tunnel and stations as well as all contractors activities, to be in accordance with plans and specs. Prepares non-conformance reports; maintains daily logs; monitor contractor testing activities; support construction safety functions; coordinates Metro test lab activities; and oversee DB inspection activities.	Construction Management Department does not have the personnel to assign to these activities at this point in time. Metro does not want to use consultants at this time due to the higher cost of consultants.	Q1
1	8410	860228 -- RC	* Senior Construction Manager	Senior Construction Manager: This position oversees and manages rail facilities construction projects, ensures work is accomplished according to specification, plans and is on schedule and within budget. Sets priorities for staff and ensures that staff are accomplishing assigned tasks.	Construction Management Department does not have the personnel to assign to these activities at this point in time. Metro does not want to use consultants at this time due to the higher cost of consultants.	Q1
1	8320	860228 -- RC	Sr. Engineer (Geotechnical)	To supervise geotechnical items on the Regional project.	The Regional Connector has several geotechnical elements that would require geotechnical engineering reviews. Metro Engineering is expecting to receive a very large number of submittals that require our review. With the Design Builder already on board on two of these projects and their aggressive schedule to start construction in the summer, a new position is needed in order to assist the project in review of the geotechnical items on these projects.	Q1
1	8320	860228 -- RC	Sr. Engineer (Systems)	Supervise and manage all activities related systems Integration on the Regional Connector project	An experienced System Integration Engineer is needed to support the Regional Connector project during design & construction. The Sr. Systems Integration Engineer is vital to ensure a seamless integration from New Systems to New Systems, New Systems to Existing Systems, New Systems to Facilities and Integrated Testing (Test Plans, Field Testing etc.). An integrated Rail System is vital for Metro's Operational needs.	Q1
1	8110	860228 -- RC	Quality Assurance Manager	Performs quality audits, surveillances, field inspection and monitoring of design, new construction modifications, as required, including monitoring of laboratory and manufacturers audits, surveillance and data analysis as directed. Coordinate with Director of Quality Management in the establishment, implementation and maintenance of Project Quality related goals; and determination and management of budgetary and staffing requirements; implementation of Quality Program requirements for assigned projects, and supervision of subordinate Quality Management staff assigned to the project.	Performs quality audits, surveillances, field inspection and monitoring of design, new construction modifications, as required, including monitoring of laboratory and manufacturer audits, surveillances and data analysis as directed. Coordinates with Director of Quality Management in the establishment, implementation and maintenance of Project Quality related goals; determination and management of budgetary, staffing requirements; implementation of Quality Program requirements for the Regional Connector project, and supervision of subordinate Quality Management staff assigned to the project.	Q1
1	8420	860228 -- RC	* Sr. Environmental Specialist	Assist in the execution of environmental compliance and sustainability-related projects of the Regional Connector Project.	Current incumbent is a consultant supporting full-time in Measure R project, environmental, or sustainability related program. This is a conversion of full-time seconded staff to regular Metro staff to reduce overall project delivery cost. Loaded per unit labor cost difference between seconded consulting staff and equivalent Metro position is up to 350%, depending on position.	Q1
8 Subtotal						

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No. FTE	Cost Center	Project No.	Position Title	Job Description	Justification	QTR Needed
3	8410	865512 -- C/LAX	Senior Construction Inspector	Inspector, Southwest Yard (1): This position is for Southwestern Yard Project. The Inspector will support the R.E. and be required to inspect and monitor installation of the work; review and prepare reports; review and interpret plans and specifications; ensure compliance with codes, standards and contract documents; assist in resolving problems in the field; coordinate work with other agencies. Inspector, Systems (2 each): This position is for Crenshaw/LAX Transit Project. The Systems Inspector will support the project R.E. and be required to inspect and monitor installation of the systems work; review and prepare reports; review and interpret plans and specifications; ensure compliance with codes, standards and contract documents; assist in resolving problems in the field; coordinate work with other agencies. Inspector, MEP (2 each): This position is for Crenshaw/LAX Transit Project. The MEP Inspector will support the project R.E. and be required to inspect and monitor installation of the mechanical, electrical and plumbing work; review and prepare reports; review and interpret plans and specifications; ensure compliance with codes, standards and contract documents; assist in resolving problems in the field; coordinate work with other agencies.	Construction Management Department does not have the personnel to assign to these activities at this point in time. Metro does not want to use consultants at this time due to the higher cost of consultants.	Q1
1	8410	865512 -- C/LAX	Director of Construction Management	Dir. Construction Manager: This position is for Crenshaw/LAX Transit Project, Segment B. This individual will oversee and manage construction, development of workplans, schedules and estimates; administer and monitor work for compliance with contract documents; coordinate with Metro staff and outside agencies; review change requests and prepare change notice justifications.	Construction Management Department does not have the personnel to assign to these activities at this point in time. Metro does not want to use consultants at this time due to the higher cost of consultants.	Q1
1	8410	865512 -- C/LAX	Sr Construction Manager (SPECIALIST: SYSTEMS)	RESIDENT ENGINEER This position is for Crenshaw/LAX Transit Project. The Senior Construction Manager will act as Systems Resident Engineer and be required to oversee and manage construction, development of workplans, schedules, estimates and specifications; administer and monitor work for compliance with contract documents; coordinate with Metro staff and outside agencies; review change requests and prepare change notice justifications. This position reports to the Director Construction Management through a matrix organization.	This position requires a Systems specialist to support the Resident Engineers for the Mainline Crenshaw/LAX Project.	Q1
1	8410	865512 -- C/LAX	Construction Manager	The Construction Manager will be required to analyze data, specifications, and drawings; assist in monitoring work for compliance with schedule, budget, technical and legal requirements; prepare technical reports and correspondence; assist in coordination with outside agencies; maintain projects records; monitor status of submittal and design reviews. This position reports to the Director Construction Management	The position is required to support the Office Engineer role for Crenshaw/LAX project.	Q2
1	8420	865512 -- C/LAX	* Sr. Environmental Specialist	Assist in the execution of environmental compliance and sustainability for the Crenshaw/LAX Project.	Current incumbent is a consultant supporting full-time in Measure R project, environmental, or sustainability related program. This is a conversion of full-time secunded staff to regular Metro staff to reduce overall project delivery cost. Loaded per unit labor cost difference between secunded consulting staff and equivalent Metro position is up to 350%, depending on position.	Q1
1	8110	865512 -- C/LAX	* Sr. Quality Engineer	The Sr. Quality Engineer will be required to coordinate with construction inspectors and monitor field construction activities; coordinate verification testing; evaluate quality performance.	Performs design document review, construction contract review, design and construction quality audits and surveillances, field inspection for the project as required, including laboratory and manufacturer audits and surveillances. Arranges for Metro's verification test laboratory and coordinates the tests with Inspection and Construction Management.	Q1

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8 Subtotal						
1	8420	865518 -- WPL1, 865522 -- WPL2	Principal Environmental Specialist	Assist in the execution of environmental compliance and sustainability-related projects of the Purple Line Extension.	Current incumbent is a consultant supporting full-time in Measure R project, environmental, or sustainability related program. This is a conversion of full-time secured staff to regular Metro staff to reduce overall project delivery cost. Loaded per unit labor cost difference between secured consulting staff and equivalent Metro position is up to 350%, depending on position.	Q1
1	8110	865518 -- WPL1	Sr. Construction Inspector	Perform quality audits, surveillances, field inspection and monitoring of design, new construction, modifications, as required, including monitoring of laboratory and manufacturer audits, surveillance and data analysis as directed.	Performs quality field surveillances, monitoring of new construction, modifications, as required, including monitoring of testing laboratory and manufacturer audits, surveillances and data analysis for the Purple Line Extension, Section 1 as directed by the Quality Assurance Manager.	Q1
2 Subtotal						
18 Grand Total						

* These positions have been approved by the Board at the May 28, 2015 Special Board Meeting - FY 16 Budget .