



Foothill Gold Line

Metro Gold Line Foothill Extension Construction Authority

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Habib F. Balian
Chief Executive Officer

Agenda Item: 7.a.

TO: Chair and Members of the Board of Directors
FROM: Habib F. Balian, Chief Executive Officer
DATE: September 9, 2020
SUBJECT: Project Update: Design Progress

RECOMMENDATION:

That the Technical Advisory Committee receive and file the Project Update on Design Progress.

SUMMARY:

The Foothill Extension Contractor, Kiewit-Parsons Joint Venture (KPJV), has prepared a Design Package Plan and Submittal Schedule detailing their approach to design of the project and proposed timing of submittal delivery.

As outlined by this plan, design packages are being submitted according to discipline and location along the alignment. KPJV has divided the Foothill Extension alignment into four segments of similar work for construction purposes:

1. Corridor Wide – Citrus Station (Glendora) to Garey Av. (Pomona)
2. Segment 1 – Citrus Station (Glendora) to Gladstone St. (San Dimas)
3. Segment 2 – Gladstone St. (Sand Dimas) to Garey Avenue (Pomona)
4. Systems – Citrus Station (Glendora to Garey Av. (Pomona)

The Corridor Wide segment concentrates on disciplines of geotechnical study, noise & vibration, stations and maintenance buildings, survey & right-of-way, tree & vegetation removal, and track installation.

Segments 1 and 2 concentrate on grade crossings, drainage, structures, traffic engineering and landscaping within their identified geographic location.

The Systems segment concentrates on communication, corrosion control & grounding, ductbanks, overhead contact system (OCS) traction power substations (TPSS), train control, electromagnetic compatibility (EMC), and electrical & lighting.

Segmenting the project allows documents to be completed as necessary in order to maintain the construction schedule. Currently, the status of the design packages is as follows:

Project Design Overall	71.1%
➤ Civil Roadway	71.4%
➤ Drainage	68.6%
➤ Utilities	68.0%
➤ Structures	73.0%
➤ Track	69.8%
➤ Systems	70.2%

All 60% design packages are complete, and the remaining 85%, 100%, and Approved for Construction design packages are on time. To date, the Authority has received all submittals according to the proposed schedule.

This report will be accompanied by a PowerPoint presentation illustrating the Design Package Plan and Submittal Schedule.

BUDGET IMPLICATIONS:

None.