

Concession Request / Site Queries Response Time

From January 2014 until their termination, Astaldi submitted:

- 1103 Concession Requests (CONs)
- 928 Site Queries (SQYs)

LCP was maintaining records on the weekly numbers of CONs and SQYs submitted and average response time in the Weekly Management Reports (WMRs). The WMRs were not issued on a weekly basis, but frequently. The issued reports had all the data since the previous WMR. Although the WMRs were not issued after 17-Feb-2018, a review of a sampling of the existing records over the period the WMRs were issued shows the following average time for response :

Average response time for SQYs = 7.1 days

Average response time for CONs = 6.1 days

The above average response times are from date of receipt to date of return to Contractor and the time is as noted in Aconex.

Many of the CONs were for:

- "Clashes" between remaining ICS steel and the concrete foundations for the Units (150 CONs).
- Combining pours to speed-up construction to overcome Contractor's delays (114 CONs).
- Changes to rebar to suite Contractor's installations (75 CONs)

These CONs required modifications to rebar, construction joints and waterstops, allowable rate of pours, etc. which required the LCP Engineer careful consideration due to potential for cracks developing in the concrete at water-up.

On few occasions there were problems on the response time for few CONs and SQYs and this was mainly due to resequencing of priority for responses by Contractor. "As-needed impromptu" engineering meetings and phone discussions were used extensively to speed-up the review & processing of CONs and SQYs and on many occasions, if a response is required faster, LCP issued "bootlegs" to Contractor, while final signatures were obtained on the documents.

In Contract CH0007, LCP only was obliged to respond within a reasonable time. Also, CONs were not in the original Contract documents, but the concept & form were introduced in late 2014 to assist Contractor.

The above are averages, some were answered faster and some later. The response time depended on:

- More complex issue being raised in the SQY or CON would require more due diligence and check by the LCP Engineer before responding.
- Priority given to SQY or CON by Contractor. Company always requested that Contractor indicates when it submit a CON or a SQY the priority. The aim is to respond to the higher priority items so not to delay the work.

These CONs required modifications to rebar, construction joints and waterstops, allowable rate of pours, etc. which required the LCP Engineer careful consideration due to potential for cracks developing in the concrete at water-up.