

Client
Ford Motor Land

Client Contact
Mr. Bryant Houston
313.390.4652

Giffels Webster Contact
John Redash, PS
Partner

Completion Date
2001

Services Provided
Surveying



Giffels Webster completed comprehensive industrial engineering surveys and base mapping for 800 acres of the Ford Heritage Rouge Complex. Project responsibilities included:

- Existing site control was established and monumented from triangulation in the 1890's and NGS control.
- Underground utility investigation and over five miles of railroad track layout and mapping were completed.
- Collected topographic and underground utility data with the horizontal datum referenced to the NGS HARN control network and further transformed to a site datum.
- The total site mapping limits consisted of 800 acres of heavy industrial.
- Vertical control loops were integrated into least square adjustments.