



TEI ROCK DRILLS

TEI Hollow Bar Installation School June 5-7, 2012

Montrose, Colorado

Tuesday, June 5th

6:30pm Welcome reception at the Holiday Inn, Jordon Room C.

Wednesday, June 6th

7:45am Vans depart hotel for TEI classroom facility.

8:00am TEI rigs used for the installation of hollow bars.

8:30am Differences and similarities of soil nails, tiebacks and micropiles.
Concepts used in designing with hollow bars.

9:30am Break

9:50am Case Study, explains bidding, mobilization, construction and testing of
an entire project using hollow bars.

10:30am Grout, what it is, how to mix and pump grout for hollow bars.

11:30am Lunch in the TEI warehouse.

12:00pm Tour TEI facility, safety and operational training on drill rigs and
grout plant.

1:00pm Demonstration of anchor and micropile installation, student's train
and practice on the drills and grout plant

2:00pm Advanced design using hollow bars (in classroom, during drilling)

4:00pm Clean-up and maintenance of drill rigs and grout plant

5:00pm Finished, vans return to hotel

6:00pm Vans leave for dinner at The Camp Robber restaurant, live music by
Joe and Glenn after dinner in the restaurant.

Thursday, June 7th

- 7:45am Vans depart hotel for TEI classroom facility
- 8:00am Testing procedure. Explanation of how anchors and micropiles are tested and how the data is gathered and recorded.
- 9:00am Hydraulic drifters, how they work and maintenance.
- 9:45am Vans leave for local Montrose job site visit for real-time demonstration of hollow bar installation.
- 12:00pm Vans return to TEI, lunch at TEI warehouse
- 12:30pm Building and testing of a TE260 drifter, continues all afternoon
- 1:00pm Testing of the hollow bars. A lateral test will be performed on micropiles installed during the 2010 TEI Open House, and a tension test will be performed on an installed hollow bar
- 4:30pm Vans return to hotel
- 5:45pm Vans depart hotel for downtown to the "Main in Motion", a weekly tradition during the summer in Montrose.
- 7:00pm Dinner at Fiesta Guadalajara on Main Street in Montrose.

Friday, June 8th Return Home

- All breakfasts are served at the Holiday Inn Express
- Please bring steel-toed boots to operate equipment
- Hard hats, gloves, eye/ear protection provided
- The hotel is only three minutes from TEI, if anyone has an emergency and needs to return to the hotel please ask any TEI employee and they will arrange for a ride back to the hotel.