Where manhole is located

death. Step inserts shall comply with State Industrial
Safety requirements.

1. For exact location of openings see other sheets.
2. Location and size of manholes may be modified as
directed by the Engineer, provided minimum dimensions
are maintained.

DECK ACCESS OPENING

GIRDER STEM ACCESS OPENING

SECTION E-E

PART PLAN

SIDEWALK ACCESS OPENING

NOTE:
1. For exact location of openings see other sheets.
2. Location and size of manholes may be modified as
directed by the Engineer, provided minimum dimensions
are maintained.
3. All reinforcement detailed to be placed in addition to
reinforcement shown on other sheets.

PART PLAN

GIRDER STEM ACCESS OPENING

DECK ACCESS OPENING

HALF SECTION E-E

NOTES:
1. Frame and cover shall be cast iron.
2. Covers shall be supplied with bolt down or locking
devices.

NOTE:
1. Step inserts may be substituted for the standard step
detail. Step inserts shall comply with State Industrial
Safety requirements.
2. Covers for use on sewer structures shall bear the
letter "S" on a storm drain structures the letter "D"; on
openings for utilities the letter "U".

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

UTILITY DETAILS

NON-ROCKING MANHOLE FRAME & COVER

FOR DECKS

NOTES:
1. Frame and cover shall be cast iron.
2. Cover shall be supplied with bolt down or locking
devices.

NOTE:
1. Step inserts may be substituted for the standard step
detail. Step inserts shall comply with State Industrial
Safety requirements.
2. Covers for use on sewer structures shall bear the
letter "S" on a storm drain structures the letter "D"; on
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