TRAFFIC

NUMBER

TITLE

T-01.0

GENERAL NOTES

T-02.0

CONTROLLER SERVICE INSTALLATION



TRAFFIC TABLE OF CONTENTS

STREETS:	REV. DATE: 11/12 DETAIL: T-00.0
TRANS OPS:	APPROVED:
FACILITIES:	CATY ENGINEER
WATER RESOURCES:	DUBLIC WORKS DIRECTOR

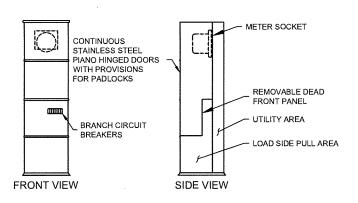
NOTES:

- 1. All Standard Specifications shall comply with latest Caltrans Specification.
- 2. All intersection approaches shall have Iteris RZ4 or better video detection cameras and EdgeConnect card, plus 60' stop bar in pavement loop detection. Loop detectors shall be CalTrans Type "E", with a leading Type "D" in each lane. Caltrans Standard Plan ES-5A and ES-5B shall be followed when installing.
- 3. Each roadway crossing shall have two (2) 3" conduits.
- 4. Traffic signal heads and indications shall be per latest City of Santa Barbara specification.
- 5. A battery back up system is required at all new intersections. System shall be Clary SP Series Model PD with 52 amp batteries, and McCain battery back up cabinet.
- 6. Signal cable shall be used for any new or replacement of traffic signal wiring.
- 7. Communication shall be Ethernet over single mode fiber optic cable (preferred, where connectivity available), Ethernet over wireless, or 6 twisted pair 600 Ohm 19 gauge as determined by the City Supervising Transportation Engineer. Interconnect conduit required to nearest traffic signal where feasible. Ethernet switch shall be Ruggedcom RS900.
- 8. Push buttons shall be Polara Navigator accessible buttons, with a green finish.
- 9. 332 traffic signal cabinets in "Malaga Green" color matching RAL Classic System color "RAL6005" shall be used.
- 10. Pull boxes shall be Caltrans #6 following Standard Plan ES-8A with grouted bottom.
- 11. Traffic signal controllers shall be McCain Coldfire 750.
- 12. GTT infrared based emergency preemption system required for all approaches. Phase selector card shall be capable of both infrared and GPS based inputs.

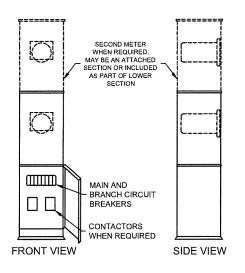


GENERAL NOTES

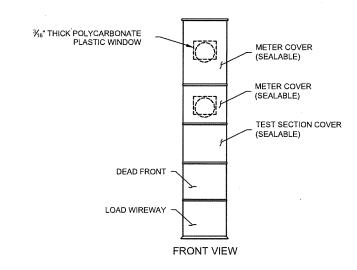
STREETS:	REV. DATE: 11/12 DETAIL: T-01.0
FACILITIES:	APPROVED:
	OTY ENGINEER
WATER RESOURCES:	PUBLIC WORKS DIRECTOR



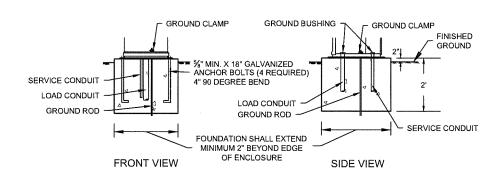
TYPE 111-BF SERVICE EQUIPMENT ENCLOSURE WITH PROVISIONS FOR ONE 100 A METER



TYPE 111-BR SERVICE EQUIPMENT ENCLOSURE



TYPE 111-BF SERVICE EQUIPMENT ENCLOSURE WITH PROVISIONS FOR TWO 100 A METERS



TYPE 111-B SERVICE EQUIPMENT ENCLOSURE FOUNDATION DETAILS



CONTROLLER SERVICE INSTALLATION

STREETS:	REV. DATE: $11/12$ DETAIL: $T-02.0$
TRANS OPS:	APPROVED:
FACILITIES:	CITY ENGINEER
WATER RESOURCES:	PUBLIC WORKS DIRECTOR PUBLIC WORKS DIRECTOR