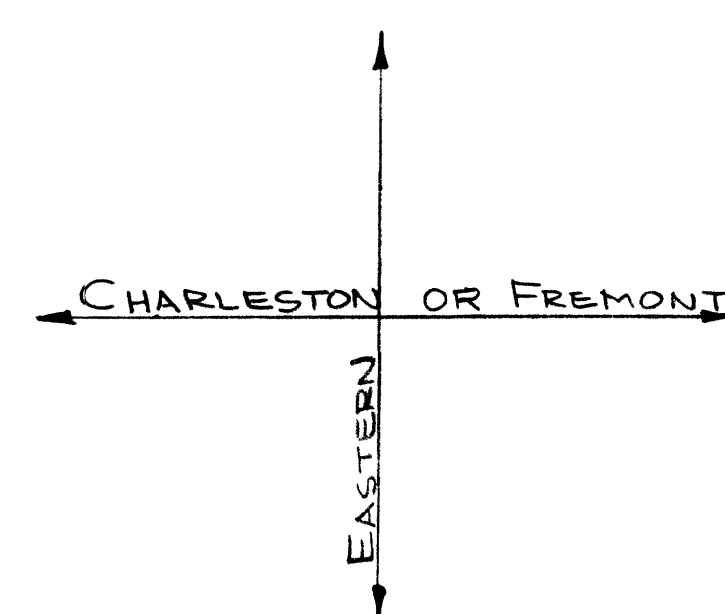
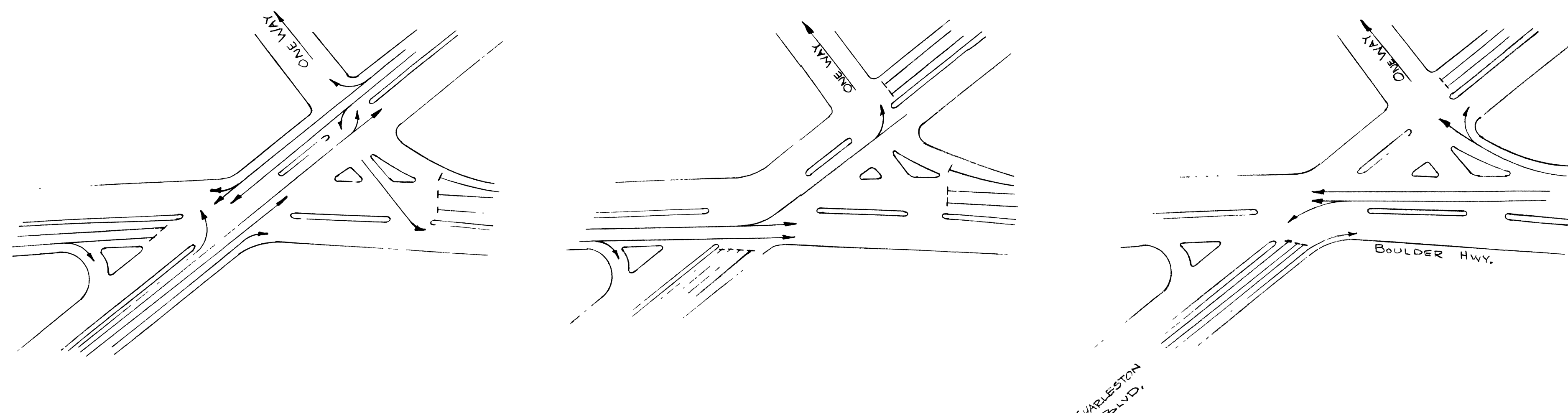


No. 254.



The cable shall consist of 2 No. 12 AWG solid copper conductors with each conductor insulated with 0.030-inch minimum, high molecular weight, heat-stabilized, colored polyethylene, conforming to the Melt Index requirement of ASTM Designation: D1248, Type I, Class B, Grade 4.

The conductors shall be twisted together with approximately 2 turns per foot. Non-hygroscopic fillers shall be used to form a firm compact cylindrical core. A non-hygroscopic core tape shall be applied spirally over the core. The cable shall be provided with an outer jacket consisting of extruded, black, polyvinyl chloride conforming to ASTM Designation: D1047. The cable shall conform to the Municipal Signal Association's Specification: 19-1.

[illegible]

1. The location of pull boxes and standards shown on the plans are approximate only. The exact location shall be as directed by the engineer at time of construction.
2. The contractor shall be responsible for damage to any existing underground conduits, cables and utilities.
3. The contractor shall install all cable and wire in conduits, as indicated in cable and wire schedule, from origin to destination without splices.
4. All cable and wire shall have approximately 3' of slack in pull boxes and enough length in standards and controller cabinet for direct connection to terminals.
5. All electrical connections shall be made by city forces.
6. All cable shall conform to IMSA specifications 19-1 and be made from 14 gage conductors.
7. Standards shown on drawing 207-V96 shall be bid as part of the general contract and not as part of the signal equipment. All signal equipment on these standards shall be bid on the signal portion of the contract.
8. The signal portion of the contract shall be bid in two parts. Bid "B" shall include:
 - (a) Standards 2,6,16 and 20 complete.
 - (b) 4 - 6' left turn detectors on Fremont and Charleston, and their associated #3½ pull boxes.
 - (c) 4 minor controllers.The "R" cabinet shall be wired for the minor controllers on bid "A".
9. Bid "A" shall include all other equipment and appurtenances as shown on the drawings.
10. All equipment and installations shall conform to C.L.V. drawing 208-V47 and Section 9 of the City Code.

APPROVED  DATE 6-4-65
TRAFFIC ENGINEER

TRAFFIC SIGNALS
EASTERN AVE.-CHARLESTON- FREMONT

	DATE	SC. (H) N.T.S.
DES.		SC. (V)
DR. MURARIK	6-1-65	F.BK. NO.
CKD.		PJ. O. NO.
APPROVED BY CITY ENGR.		DRAWING NO.
<i>208-VJ-4</i>	5-30-65	208-VJ-4 20E2

BID NO. 65.42 CONTRACT NO. CLV-242 SHEET 24 OF 32