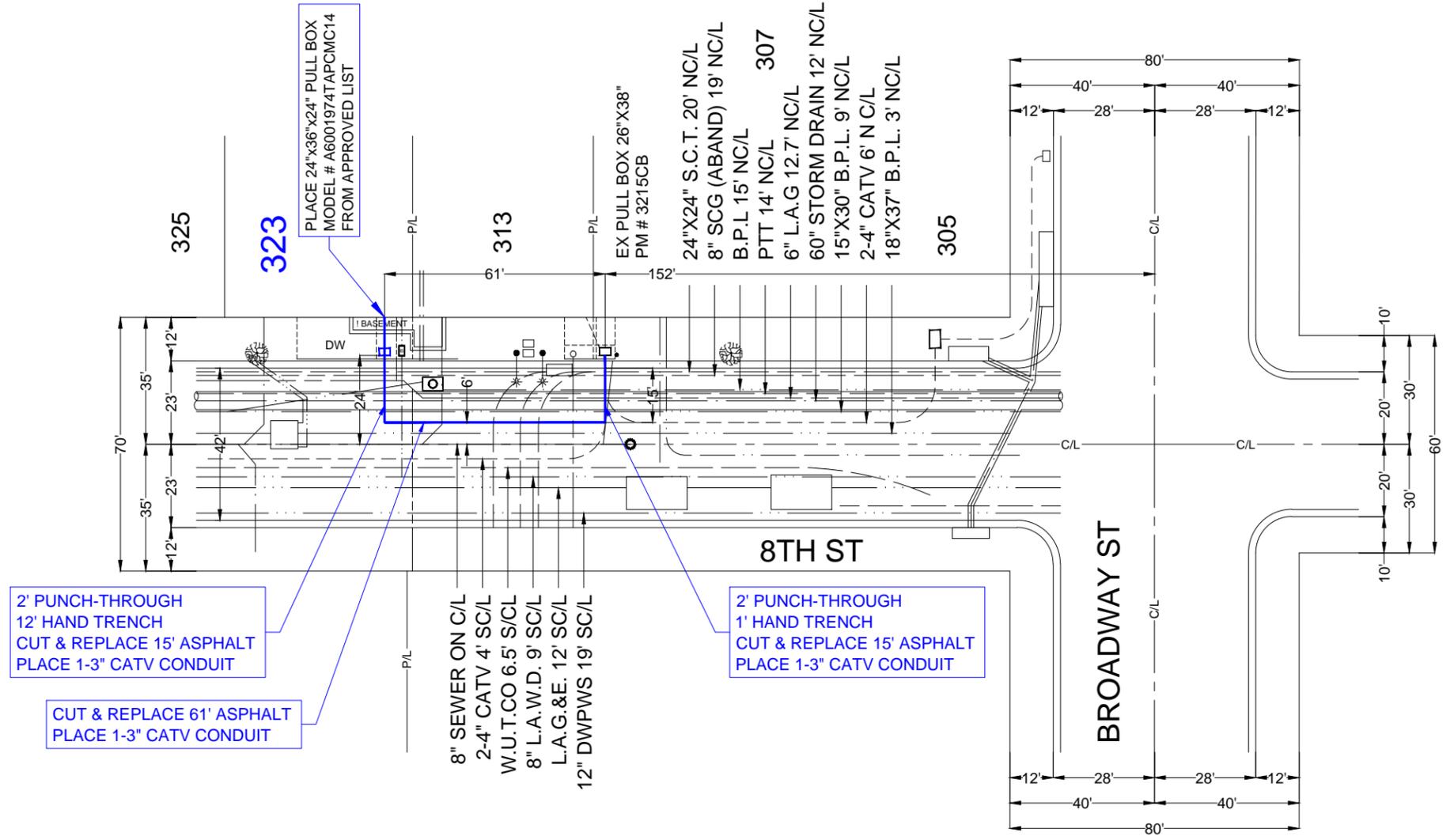


SPECTRUM CABLE additional conditions to on-site contractors

- Review and abide by City of LA General Conditions.
- The existence and location of utility lines shown hereon are obtained by search of available records. Other utility lines may exist. Contractor shall verify prior to start of construction and shall use extreme care and protective measures to prevent damage to same. Contractor is responsible for the protection of all utility lines, valves, meters, traffic signal conduit and detector loops, etc. within limits of work whether they are shown on these plans or not. As a result of this replacement, Contractor shall be responsible for damage to existing above and below ground improvements to the satisfaction of the City Engineer.
- Indemnification Clause: Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property. that this requirement shall apply continuously and not be limited to normal working hour; and that the contractor shall defend, indemnify and hold the owner and the engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project excepting for liability arising from the sole negligence of the owner or the engineer.
- Contractor shall conform to and/or comply with including all revisions and amendments there to:
 - The "Standard Specification for Public works Construction"
 - The Work Area Traffic Control Handbook ("WATCH")
 - The City Improvement Standards.
 - The California Occupational Safety and Health of 1973
- At all times access shall be provided to all fire hydrants, valves, vaults, meters, and pull boxes.
- All backhoe excavation shall be saw cut to facilitate removal by the use of a power driven saw.
- Existing Portland Cement Concrete (PCC) shall be saw cut to facilitate removal by the use of a power driven saw. The depth of the cut shall be deep enough to produce a clean, straight break without cracking, chipping loosening adjoining PCC. The existing PCC shall be cut beyond the configuration of the trench or excavation area as may be required by the Public Works Inspector to eliminate small "floating" pieces of space between concrete where the existing PCC is damaged or cracked. No floating pieces shall be smaller than 9 square feet. In addition, the saw cut limits shall be located no closer than 3 feet from the score line or cold joint. Minimum PCC removal is 25 square feet, score line to score line.
- Unless otherwise noted, 3" conduit bends shall have a radius of 3'. 2" conduit bends shall have a radius of 2'.
- Non-skid Caltrans approved steel plates shall be recessed in trench crossing major streets (area designated by the City Engineer) and installed per Caltrans specifications. Pavements shall be cold planed to a depth equal to the thickness of the plate and to the width (a width and length equal to the dimensions of the plates).
- Temporary paving with cold mix shall be used to feather the edges of the plates to minimize wheel impact. Contractor may be required to weld plates together to minimize rattling. Contractor may be required to sweep up loose gravel several times per day as deemed necessary by City Engineer.
- Steel plates used for bridging must extend a minimum of 12" beyond edges of trench. Bridging shall be secured against displacement using adjustable cleats, shims or other devices.
- Slurry mix shall be used for back fill in all streets. All slurry backfills will require 72 hours of cure time. All excavation and trenches will be secured with steel plates. Temporary paving using cold mix AC is acceptable after allowing 72 hours of cure time on slurry mix backfill.
- Replace any existing striping, markings, and survey monuments that may have been removed or damaged. All shrubs, plants, or trees that have been damaged or disturbed during the course of the work shall be replanted or replaced so as to restore the work site to its "original" condition. Restore all landscaping, including irrigation system around vaults.



2' PUNCH-THROUGH
12' HAND TRENCH
CUT & REPLACE 15' ASPHALT
PLACE 1-3" CATV CONDUIT

2' PUNCH-THROUGH
1' HAND TRENCH
CUT & REPLACE 15' ASPHALT
PLACE 1-3" CATV CONDUIT

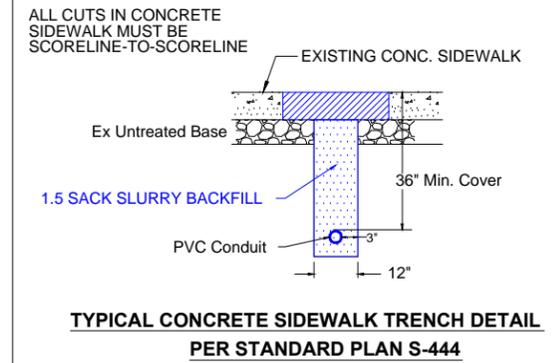
CUT & REPLACE 61' ASPHALT
PLACE 1-3" CATV CONDUIT

CONSTRUCTION NOTES:

- Bore under all curbs & gutters.
- Place vaults with longer side parallel to curb.
- Use slurry backfill.
SLURRY DELIVERY BATCH TICKET MUST SHOWN ACTUAL WEIGHTS
DELIVERY BATCH TICKET MUST BE GIVEN TO INSPECTOR
- All conduits shall be SCH-40 unless otherwise specified,
All sweeps to poles shall be SCH-80.
- All changes in sketches and permit limits must have prior approval by the city's Bureau of Engineering.
- When crossing existing utility lines that are also same dept,
place TWC conduit underneath existing utilities to provide
one (1) foot min. vertical clearance.

| CONDUIT SWEEP CURVE DATA | | | |
|--------------------------|--------|--------|-------|
| | RADIUS | LENGTH | ANGLE |
| ▲ | 3 FT | 4.7 FT | 90 |
| ▲ | 2 FT | 3.1 FT | 90 |

SCALE 1"=40'
PRINT 11"X17" PAPER



- EXCAVATION DATA**
- TRENCH WIDTH AND LENGTH FOR THE FOLLOWING:
- CONCRETE/ASPHALT STREET:1'X91' = 91 SQ FT
 - CONCRETE/ASPHALT ALLEY:N/A
 - CONCRETE SIDEWALK:1'X13' = 13 SQ FT
 - DIRT PARKWAY:N/A
 - TUNNEL UNDER CURB & GUTTER:1'X4' = 4 SQ FT
- RESURFACING DATA**
- ASPHALT STREET:91 SQ FT
 - CONCRETE STREET:N/A
 - CONCRETE SIDEWALK:13 SQ FT

- ASPHALT TRENCH NOTES**
100-E-100 BACKFILL
- TRENCH WIDTH = 12" & DEPTH TO SUBGRADE = min 36"
TRENCHING, BACKFILL, AND PAVING IN ASPHALT PAVEMENT
TO BE PERFORMED PER STANDARD PLAN S-477-1.

LEGEND

| | |
|-----|-------------------|
| — | CATV-NEW CONDUITS |
| ▣ | CATV-NEW VAULT |
| — | CATV-JOINT TRENCH |
| TV | CATV-EXISTING |
| P | DWP-TEL-GAS-TWC |
| P | DWP PS |
| W | DWP WATER |
| G | GAS |
| T | PAC BELL TEL |
| GT | GTE TEL |
| S | SEWER |
| SL | STREET LIGHT |
| SD | STORM DRAIN |
| C/L | C/L |

I # 6563

| | | | |
|----------|------------|-------------|---|
| LOG NO | 2018011568 | PERMIT NO | . |
| DATE Sub | 09/23/2017 | DATE ISSUED | . |

PO1516159 Z6_PRISM_661688 (MM)

| | | | | | | | | |
|-------------------------------|-----------|----------------------------|------------------------|--|--|------------------------------|-----------------------|----------------------|
| Thomas Guide Pg-Grid # | 634-E5 | DRAWN BY: HT ENGINEERING | REVISIONS | | | Title/Job Address: | | |
| Road Map # | 127-5A209 | Tel. NO: (323) 854-5714 | 09/21/2018 BASE MAP HT | | | 323 W 8TH ST W/O BROADWAY ST | | |
| Sewer Wye Map # | 126A209-A | E-MAIL: hovik307@yahoo.com | - | | | ZIP CODE . 90014 | | |
| Substructures Map # sub | 114-9 | FIELD BY: HOVIK TRIRIAN | - | | | PERMIT REQUESTED BY : | System Map: 6468-1836 | Job No: 6468-1836_01 |
| Plans & Profiles # | . | JOB FT 108' | - | | | AARON TERRY | | |
| STREET TYPE SECONDARY HIGHWAY | | DISTRICT: CENTRAL | | | | | | |