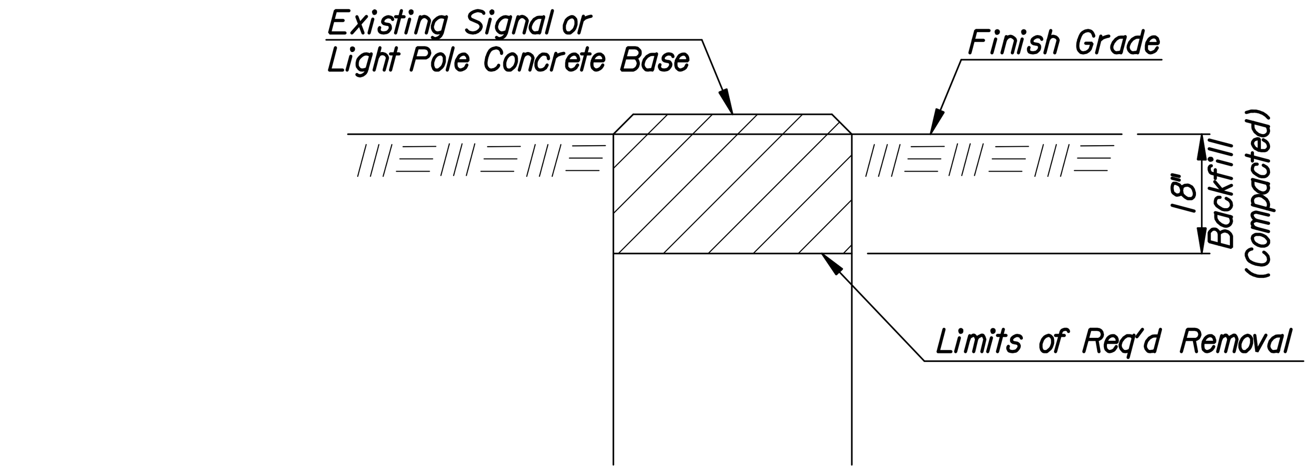


CONCRETE POLE BASE REMOVAL DETAIL

GENERAL NOTES

Existing utilities and their locations, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from record drawings or company provided field locations. The plan locations shown are not guaranteed. Additional existing utilities may also be encountered. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

The Contractor shall notify Westar Energy to coordinate enclosure service connection, meter installation, Joint Use street light installation and all other activities to complete the traffic signal installation. Fees associated with this work shall be the responsibility of the Contractor.

Existing traffic equipment salvaged and not reused shall be delivered to the City Yard @ 1801 S. McLean Blvd..

Joint Use luminaire's shown for information only. Luminaire, luminaire arm, and wiring, to be provided and installed by Westar Energy. Luminaire orientation to be aligned with mast arm and perpendicular with the curb. The Contractor shall leave pull wire in all 2" PVC conduit.

At Traffic Signal Pole Base locations shown to be removed, the Contractor shall remove the concrete base after the pole has been removed. See detail this sheet.

Excess excavated material shall be disposed of at a site approved by the Engineer and provided by the Contractor.

Pavement removal, rock excavation, removal of existing pole bases, saw cutting, pavement repacement and other items of work associated with the installation of pole bases, conduit or the proposed traffic signal shall be considered incidental to the bid item "Traffic Signal Modification" and shall not be measured or paid for separately.

All poles, new and existing, shall have a 1" RGC conduit with pull wire installed inside the pole from the base to the luminaire mounting location.

Traffic Signal Equipment damaged during removal and re-installation procedures shall be replaced at the Contractor's expence.

The Contractor shall furnish and install all equipment and materials necessary for complete operation of each Traffic Signal system whether specifically mentioned or not.

RECAPITULATION OF BID ITEMS

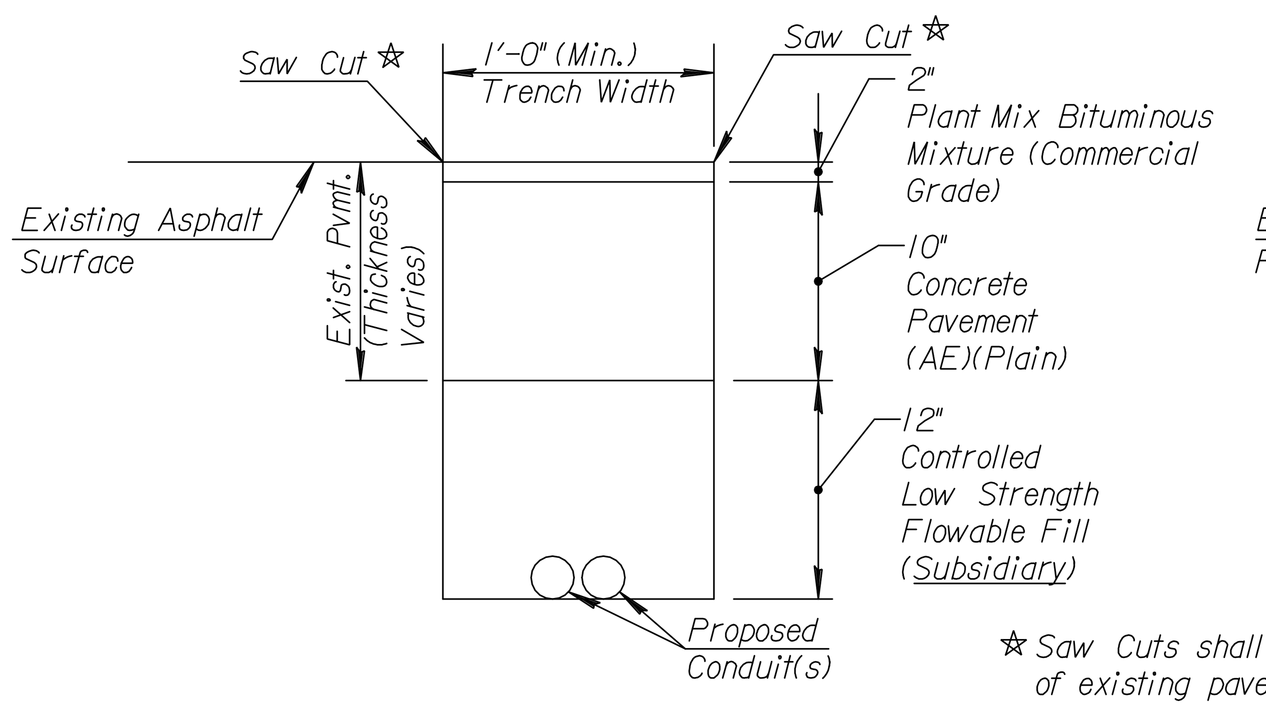
BID ITEM	QTY	UNIT
Traffic Signal Modification (Waterman & Market)	1	L.S.
Traffic Signal Modification (Waterman & Broadway)	1	L.S.
Traffic Signal Modification (Waterman & Topeka)	1	L.S.
Traffic Signal Modification (Waterman & Emporia)	1	L.S.
Traffic Signal Modification (Waterman & Crosswalk)	1	L.S.
Traffic Signal Provision (Waterman & St. Francis)	1	L.S.
Traffic Signal Interconnect	1	L.S.

Note: For Traffic Signal Service Box Adjustments at Waterman & Main See Sh. No. R4.

BILL OF MATERIALS (TRAFFIC SIGNAL INTERCONNECT) *

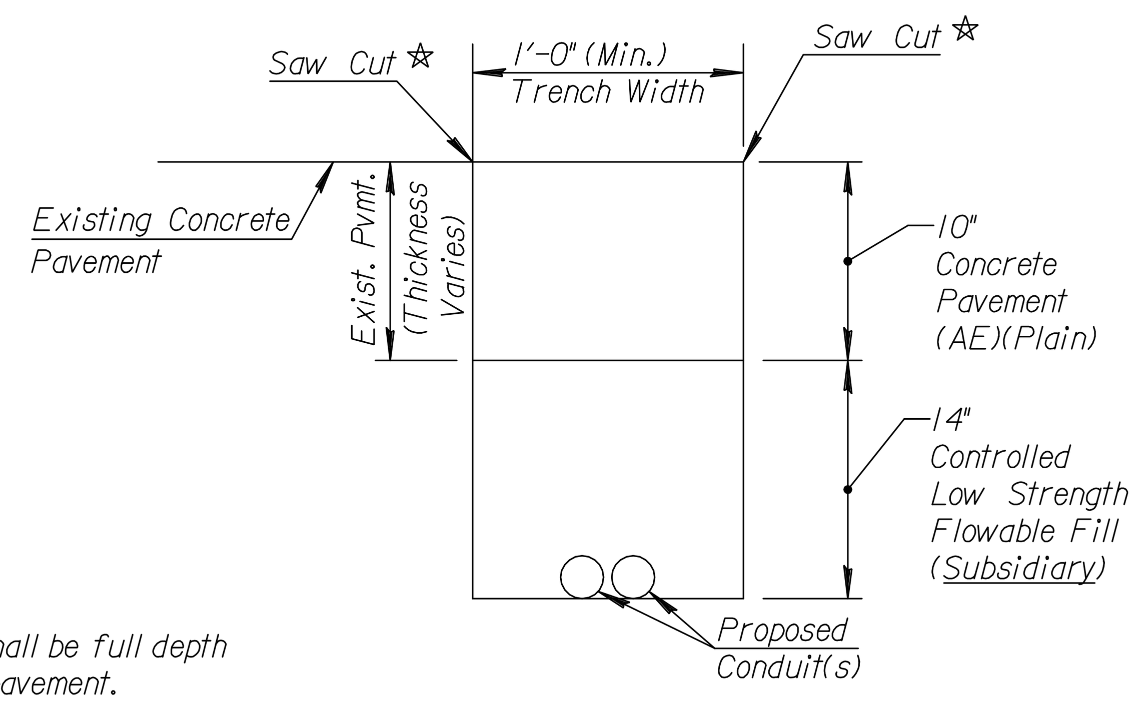
ITEM	QUANT.	UNIT
SERVICE BOX SPECIAL	6	EACH
2" RGC CONDUIT	1700	LIN FT
6PR COMMUNICATION CABLE	2040	LIN FT

* For Information Only



☆ Saw Cuts shall be full depth of existing pavement.

ASPHALT PAVEMENT



CONCRETE PAVEMENT

ALLEY PAVEMENT REMOVAL AND REPLACEMENT DETAIL

POLE AND EQUIPMENT FINISH:

Surface preparation

The exterior steel surface shall be blasted clean in accordance with the requirements outlined in the Steel Structures Painting Council Surface Preparation Specification No. 6, (SSPCSP60) utilizing a dry abrasive, closed cycle, recirculating system with centrifugal wheels and abrasive. The abrasive used shall be steel shot conforming to the Society of Automotive Engineers (SAE) Recommended Practice No. J827 with particle size meeting SAE Shot No. S280.

Zinc Coating

The pole assembly shall be hot-dip galvanized to the requirements of either ASTM A123 (Fabricated items) or ASTM A153 (Hardware items) by immersion in a molten bath of prime western grade zinc maintained between 810o F and 850o F. Maximum aluminum content of the bath shall not exceed 0.01%.

Top Coat

All visually exposed exterior surfaces shall be coated with a urethane or triglycidyl isocyanurate (TGIC) polyester powder to a minimum dry film thickness (DFT) of 0.05mm (2.0 mils). Prior to application of the topcoat, the surface shall be mechanically etched and pre-heated to 450o F for a minimum of one hour. The coating shall be electrostatically applied and cured at a minimum temperature of 400o F and the color shall be black.

No.	Revision	By	Date

WATERMAN STREET
GENERAL NOTES
AND RECAP OF BID ITEMS
TRAFFIC SIGNALS
JAMES L. ARMOUR, P.E.-CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-84167

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by WDH	Job No. 06237	Sht. R43 of R111
Drawn by DRP	Date Feb., 2007	

DSNR: WDH OPER: DRP SCALE:
l:/2006/06237/SIGNAL/06237-000-TSGENNOTE.DGN LAST REV: 2-26-2007 BY: drp