Contractor shall be responsible for poresn't of electric service for all sound. The service's frontion rolling contract and the same service for all powers to electric service onen the project is colled complete and all testing has been completed. Former tor this trem shall be incident to the cost of the project.

Bore and lack conduit shall include boring a hale for installing conduit under the strating conduit of accel doce that the conduit to do the store Specifications. This free does not include furthering and installing conduit. Install mast orm pole shall include installing specified pole, ormist, required signal mounting brackets and all repeasary normary for installation as the installed upday the bird them by render share and Basets.

usues. Install video comerce shall include installing specified video comerce, video modes, and specified procket as shown on detail sweet. This install show include translating and installing truss type and it necessary, poper code, coasis copie, and all nordeard hecessary for proper installation. Contractors of mode. In come. Document of the second secon

The Contractor shall be reconsible for picking up install tests from the from fort poer yord and calivering inses freed, by the site. Inse control of the install tests of the calivering inses freed, by the site. Inse control of the install tests of animum of the calivering dove prior to arrive, faure to provide pois yord personset this advance holde could result in long delays or relued to distribute explanent upon orrival.

Temporary relocation of signal heads shall include the moving of all affected traffic signals to a new location. This trem also includes all necessary con-and splicing hardware it required needed to attach the traffic signals at the

new location. Open cut recodeby shall include sceing and chipping roadsby to dimensions as indicated on the specification sheets and the restoration of disturbed areas accredance with the specifications, includent to this time and is truthed areas produced in o this has account to the restoration of any issue and accent produced in this has account to the restoration of any issue and accent to the artiging countries.

adition Maintain existing signal operation shall include furnishing, installing and metrical into genesize the social additionation include poles, cooles, wrise, loops for this free shall be included to the project. The maximum section incoming to the project. Bentral provide internet and the project and the project internet and the section in the section of the section in the section of the section in the section is the section of the sectio

References of a first account in the last of communications of a second second

Remove signal equipment and include the removal of all signal equipment not to be rewelled, which equipment and signal heads shall be rewelled to the matterials and be disposed of by the contractor off the project. Remove stored explorent shall folde the remove of all sole explorent not strok poles as a result of the remove of all sole explorent not polar sales. For coor to the starting case, form a subment with a hard a polar sales. May found the starting case, form a subment and slove any start sales. The form a starting case, form a subment and slove any start sales of the starting case.

A soch should be the polect. At soch should controller, the controctor shall be responsible for hoving the estimation felephone service drop moved to the new controller contents to hoving a per test provide second the manufalls indexico plan of called a sum have of the tree erg of the conduit colleging had a the cobiest. The cast of this item shall be incident of the cost of install sign controller. Vide comers and incluse furnishing ond instelling specified video comers as shown on detail sheet. This item shall include furnishing and instelling video models, mounting bracket, irruss type of if necessary, power coble, coalid coble, and all hordware necessary for proper installation. (partractor shall coble, and all hordware necessary for proper installation. (partractor shall coble and coble installation is complete for placement of nearly the resident engineer when installation.)

Temporary signal shall include furnishing, installing, and maintaining necessary signal equipment to include poles, capies, wires, signal heads, cantroller capine), tops, stcl.us, indicated on, the poles, you no longer needed. These

Install coordinating unit shall include installing spread spectrum radio modem, cable, antenna, rebeater, and any other necessary hardware regulted for 1200 boud radio data communication between the master and controller. Install antenna shall include installing antenna and coaxial cable. The contractor shall furnish and install all other materials to complete the

Coordinating unit for this project shall include furnishing and installing spread spectrum radio modem, cable, antenna, repeater, and any other necessary hordware required for 1200 baud radio data communication between the master and

Sources, Inclaim to this item shall be all associated hardware for sign installa: Master controller shall include furnishing and installing a 170 controller specified on the detail sheets. Install master controller shall include installing a 170 controller as specified on the detail sheets.

Span mounted stan shall include furnishing and installing specified stan and hanger. Stan RR0-12 shall conform to MUTCD, 2003 Edition, requirements, Hanger and 12 chain shall be intoffic Parts, Jnc. =2162 and =015 or approved

Install soon mounted sion shall include installing specified sion and hanger. Incidental to this frem shall be all associated hardware required for sion installations.

Advanced worning beacon shall include furnishing and installing a 48×48 inch sion with charmel posts and a 72×48 inch soon mounted sion. Is specified, This this shall include conduit from junction box to slond heads, conduit filtings and strades, and al associated sign mounting hardere.

Becon control shall have be formally and installing controllar housing and controllar with Bounting Bouldness, Schlachost zone son and the document shall house it untaining and installing and read and the document shall house it untaining and installing approximations and the document shall house it untaining and installing approximations and these and of the sector cold inspection fees.

Increase / Jone and the second second

Source carrier of yog, how shall include a containing and installing 0 (7) and the source of the sou

Install Pedestrian Head LED shall include installing specified signal LED indications, mounting brackets, and proper connection to signal conductors.

Install Signal LED shall include installing specified signal LED indications and proper connection to signal conductors.

Signal anali include furnishing and installing specified LED signal indications, mounting brackets lif required and connection to signal

Install pedestrian detector shall include installing, and connecting ped detector and installing sign RIO-3e (with arrow). Bionkout sign shall include furnishing and installing specified sign with indications and connection to signal conductors. Incidental to the sign shall be the soon wire hanger assembly (Pedco SE-3019 or approved equal).

Pedestrian detector shall include furnishing, installing, and connecting

Loop saw slot and fill shall include sawing, cleaning and filling induction loop saw slot with loop seclant material.

Messenger shall include furnishing and installing specified messenger cable for spans. Incidental to this item shall be furnishing and installing associated hardware including dead ends, boits and washers.

To the softstation of the resident engineer, flag soft patients of the soft of Anchor shall include furnishing and installing specified anchor, down-guy, messenger, clamps, guy guard, and insulator's lif required.

Pessesti past shall include "unlining and, hat glina specified along pessest and an increasory professes for hat glina specified along pedestal secondation, furthshing and historiality concrete, reinforcing steel, conduit, fittings, ground rod, ground ers, book filling, and restoring disturbed area to the softstation of the resident engineer.

Trenching and backfilling shall include excavation, backfilling, and the restoration of disturbed areas to arginal condition. Includent to this item secured. Installing underground utility earling tage it.

Junction box shall include furnishing and installing specified junction box in apportance with the specifications. This item includes concrete ult archited, satisfy the start box box includes to the start of the start box in the start of t

The Standard Specifications for Road and Bridge Construction, current edition, and other special notes and specifications will apply on this project. Condult shall include furnishing and installing specified condult in accordance with specifications. This item includes condult fittings, pipe/test plugs, expansion joints, clamps, and weatherheads.

BID ITEM NOTES

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The or cores, and holyes furnishing one has also as setting the set core protocores and holyes furnishing one has also as a setting of setting to protocores to the line both of the furnishing and instanting of setting to both result of the furnishing to the setting of the line both to the setting of the setting of the setting of the core or the setting of the setting of the setting of the core or the set setting of the setting of the setting of the core or the set setting of the setting of the setting of the setting of the core or the setting of the setti flood pole shall include furnishing and installing specified wood pole. This item also includes excavation, backfilling, and restoring disturbed areas. Steel strain pole shall include furnishing and installing steel strain pole and all necessary hardware as specified on the detail steels. This item includes furnishing anchor boilts to be installed under the bia item item iterations food install steel strain pole shall include installing steel strain pole and all necessary hardware as specified on the defail sheets. Mass arm pole shall include furnishing and installing pole, armst, required signal mounting brackets and all incessory hardware as specified on the detail steets, this trem includes furnishing anchor boits to be installed under the bid them tractic Stand Pole Base. the time inform signal role base. Traffic signal gole base shall include excavation, furnishing and placing concrete, reinforcing steel, around rodsi and ground eireist, backfilling and restoring disturbed meass to the sortifaction of the Engineer, includent to this them shall be installing anchor boits and score conduits furnished under other bit tens and as specified on the detail sheets. Single patient and include furnitering on installing specified signal peaked and all recession horebers for installing specified signal peaked and all recession horebers for installing concrete, reinforcing a steel, conduit, fittings, ground rock ground wire, backfilling, and restoring disturbed area to this actisaction of the resident regimeer. The new sensatorner or the rescent engineer. Instal slow bedasts and init include herefulling seperified slowd padestal and all necessory hardcore for installation, his item diso includes expounding formating and installing concrets, reinforcing steel, conduit, ittinga, ground rid, ground wire, backfling, and restoring disturbed areas to the satisfaction of the resident engineer. Post shall include furnishing and installing specified wood post. This item also includes excavation, backfilling and restoring disturbed areas to the satisfaction of the resident engineer.