2. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.

3. THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.

4. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.

5. ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.

 THE #18 3-PAIR TWISTED/SHIELDED CABLE SHALL HAVE THE SAME SLACK AS OTHER SIGNAL CABLE AND WILL BE MEASURED FOR PAYMENT.

7. ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF LEAD-INS.

8. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.

9. THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE EXISTING PAVEMENT, MILLED SURFACE, OR BINDER COURSE BEFORE THE FINAL OVERLAY. THE RISER AREA SHALL BE CHIPPED OUT AND FILLED WITH EPOXY. THIS WORK SHALL BE INCLUDED IN PRICE FOR DETECTOR LOOPS.

10. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR VERIFICATION OF DETECTOR PLACEMENT BEFORE INSTALLATION.

11. THE REMOVAL AND REPLACEMENT OF BITUMINOUS SHOULDER FOR INSTALLATION OF THE DETECTOR LOOP LEAD-IN SHALL BE INCLUDED IN THE PRICE FOR DETECTOR LOOPS.

12. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.

13. THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.

14. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.

15. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.

16. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.

17. THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD.

18. THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. HOWEVER, THIS WORK WILL BE MEASURED FOR PAYMENT AND PAID FOR AS CONDUIT IN TRENCH OF THE TYPE AND SIZE SPECIFIED AND TRENCH AND BACKFILL FOR ELECTRICAL WORK.

19. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERFICATION BEFORE INSTALLATION.

20. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION.

21. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE TEMPORARY AND/OR PROPOSED TRAFFIC SIGNALS.

22. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

23. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

25. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.

26. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, AND PHOTOCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.

27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING DEPARTMENT LIGHTING AND TRAFFIC SIGNAL FACILITIES. THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE.

ITEM DESCRIPTION	SCHEDULE OF QUANTITIES						
SERVICE INSTALLATION, TYPE B	ITEM DESCRIPTION	UNIT					
CONDUIT IN TRENCH, 2" DIA., PVC         FOOT 48 102         400 400           CONDUIT IN TRENCH, 3 1/2" DIA., PVC         FOOT 78 42         102           CONDUIT PUSHED, 2" DIA., PVC         FOOT 77 85         42           CONDUIT PUSHED, 3" DIA., PVC         FOOT 77 85         5           CONDUIT PUSHED, 3" DIA., PVC         FOOT 94 213         213           CONDUIT PUSHED, 3" DIA., PVC         FOOT 105         102           CONDUIT PUSHED, 3" DIA., PVC         FOOT         FOOT           CONDUIT PUSHED, 3" DIA., PVC         FOOT         105           CONDUIT PUSHED, 3" DIA.         PVC         FOOT         FOOT           CONDUIT PUSHED, 3" DIA.         PVC         FOOT         FOOT         105           CONDUIT PUSHED, 3" DIA.         PVC         FOOT         FOOT         105         40         40         40         40         40         40         40         40         40         40         40         40         40         40 <td>SERVICE INSTALLATION, TYPE B</td> <td>EACH</td> <td>,</td> <td></td> <td></td> <td>1</td>	SERVICE INSTALLATION, TYPE B	EACH	,			1	
CONDUIT IN TRENCH, 3 1/2" DIA, PVC         FOOT         78         42           CONDUIT PUSHED, 2" DIA, PVC         FOOT         84         213           CONDUIT PUSHED, 3" DIA, PVC         FOOT         84         213           CONDUIT PUSHED, 3 1/2" DIA, PVC         FOOT         105         102           HANDHOLE, PORTLAND CEMENT CONCRETE         EACH         6         8           DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE         EACH         1         1           ELECTRIC CABLE IN CONDUIT, 6007, XLP-TYPE USE) 1/C NO. 6         FOOT         1034         400         400           TRENCH AND BACKFILL FOR ELECTRICAL WORK         FOOT         760         1054         400         400           FULL-ACTUALTED CONTROLLER AND TYPE IV CABINET, SPECIAL         EACH         1         1           FULL-ACTUALTED CONTROLLER AND TYPE V CABINET, SPECIAL         EACH         1           ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C         FOOT         1993.5         807           ELECTRIC CABLE IN CONDUIT, ESCALLAN NO. 14 7C         FOOT         1993.5         807           ELECTRIC CABLE IN CONDUIT, ESCALLAN NO. 18 3 PAIR         FOOT         285.5         1816           TRAFFIC SIGNAL POST, GALVANIZED STEEL, 17 FT.         EACH         1         2 <td< td=""><td></td><td>FOOT</td><td>636</td><td>915</td><td>400</td><td>400</td></td<>		FOOT	636	915	400	400	
CONDUIT PUSHED, 2" DIA, PVC         FOOT         77         95           CONDUIT PUSHED, 3"DIA, PVC         FOOT         84         213           CONDUIT PUSHED, 3"Z DIA, PVC         FOOT         105         102           HANDHOLE, PORTLAND CEMENT CONCRETE         EACH         6         8           DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE         EACH         1         1           ELECTRIC CABLE IN CONDUIT, 800V, (XLP-TYPE USE) 1/C NO. 6         FOOT         103         1338           TRENCH AND BACKFILL FOR ELECTRICAL WORK         FOOT         760         1054         400         400           FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL         EACH         1         1         1         1         1         1         1         1         1         1         400		FOOT	48	102			
CONDUIT PUSHED, 3" DIA, PVC	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	78	42			
CONDUIT PUSHED. 3 1/2" DIA., PVC	CONDUIT PUSHED, 2" DIA., PVC	FOOT	77	95			
HANDHOLE, PORTLAND CEMENT CONCRETE	CONDUIT PUSHED, 3" DIA., PVC	FOOT	84	213			
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	CONDUIT PUSHED, 3 1/2" DIA., PVC	FOOT	105	102			
ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	6	8			
TRENCH AND BACKFILL FOR ELECTRICAL WORK	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	1			
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6	FOOT				1338	
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	760	1054	400	400	
MASTER CONTROLLER (SPECIAL)	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH		1			
MASTER CONTROLLER (SPECIAL)	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1				
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C		EACH			1		
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1993.5	807			
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 17 FT.         EACH         1         2           STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.         EACH         2         STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.         EACH         1           STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.         EACH         2         STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 44 FT AND 50 FT.         EACH         1           CONCRETE FOUNDATION, TYPE A         FOOT         3         6         CONCRETE FOUNDATION, TYPE D         FOOT         3.5         3.5           CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER         FOOT         3.4         42         DIAMETER         FOOT         3.4         42         DIAMETER         FOOT         3.5         CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER         FOOT         3.4         42         DIAMETER         FOOT         4	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	355.5	1539			
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 17 FT.         EACH         1         2           STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.         EACH         2           STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.         EACH         1           STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.         EACH         2           STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 44 FT AND 50 FT.         EACH         1           CONCRETE FOUNDATION, TYPE A         FOOT         3         6           CONCRETE FOUNDATION, TYPE D         FOOT         3.5         3.5           CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER         FOOT         3.4         42           DRILL EXISTING HANDHOLE         EACH         1         1           SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED         EACH         1           SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED         EACH         2           SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED         EACH         4           SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED         EACH         4           SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED         EACH         4           SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED         EACH         4           SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED         EACH	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	265.5	1816			
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.		EACH	1	2			
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.   EACH   1		<del></del>					
STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.         EACH         2           STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 44 FT AND 50 FT.         EACH         1           CONCRETE FOUNDATION, TYPE A         FOOT         3         6           CONCRETE FOUNDATION, TYPE D         FOOT         3.5         3.5           CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER         FOOT         20           CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER         FOOT         34         42           DRILL EXISTING HANDHOLE         EACH         1         SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED         EACH         1           SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED         EACH         7         4           SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED         EACH         2         2           SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED         EACH         4         4           SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED         EACH         2         2           TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC         EACH         7         8           INDUCTIVE LOOP DETECTOR         EACH         7         8           INDUCTIVE LOOP, TYPE I         FOOT         532         1002           TEMPORARY TRAFFIC SIGNAL INSTALLATIO			1				
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 44 FT AND 50 FT.				2			
CONCRETE FOUNDATION, TYPE A  CONCRETE FOUNDATION, TYPE D  FOOT 3.5 3.5  CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER  CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER  FOOT 34  CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER  FOOT 34  PRILL EXISTING HANDHOLE  SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED  SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED  EACH 7  SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED  EACH 2  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  EACH 4  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  EACH 5  INDUCTIVE LOOP DETECTOR  DETECTOR LOOP, TYPE I  TEMPORARY TRAFFIC SIGNAL INSTALLATION  EACH 1  REMOVE EXISTING HANDHOLE  EACH 1  REMOVE EXISTING CONCRETE FOUNDATION  EACH 1  EACH 1  BATTERY BACKUP SYSTEM WITH CABINET  EBCH 1  BATTERY BACKUP SYSTEM WITH CABINET  EBCH 5  EACH 1  EACH 5  EACH 1			1				
CONCRETE FOUNDATION, TYPE D         FOOT         3.5         3.5           CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER         FOOT         20           CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER         FOOT         34         42           DRILL EXISTING HANDHOLE         EACH         1         1           SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED         EACH         7         4           SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED         EACH         2         2           SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED         EACH         4         4           SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED         EACH         2         2           TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC         EACH         7         8           INDUCTIVE LOOP DETECTOR         EACH         7         8           INDUCTIVE LOOP DETECTOR         EACH         3         10           DETECTOR LOOP, TYPE I         FOOT         532         1002           TEMPORARY TRAFFIC SIGNAL INSTALLATION         EACH         1           REMOVE EXISTING HANDHOLE         EACH         4           REMOVE EXISTING CONCRETE FOUNDATION ADJUSTMENT         EACH         1           BATTERY BACKUP SYSTEM WITH CABINET         EACH </td <td></td> <td></td> <td>3</td> <td>6</td> <td></td> <td></td>			3	6			
CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER  CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER  DRILL EXISTING HANDHOLE  EACH 1  SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED  EACH 2  SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED  EACH 2  SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED  EACH 4  SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED  EACH 2  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  EACH 4  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  EACH 7  INDUCTIVE LOOP DETECTOR  EACH 7  INDUCTIVE LOOP DETECTOR  EACH 3  DETECTOR LOOP, TYPE I  TEMPORARY TRAFFIC SIGNAL INSTALLATION  EACH 1  REMOVE EXISTING HANDHOLE  EACH 4  REMOVE EXISTING CONCRETE FOUNDATION  EACH 1  BATTERY BACKUP SYSTEM WITH CABINET  EACH 1  BATTERY BACKUP SYSTEM WITH CABINET  EACH 1  BATTERY BACKUP SYSTEM WITH CABINET  EACH 1  FOOT 508  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING  FOOT 375.5  706.5  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL			3.5	3.5			
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER  DRILL EXISTING HANDHOLE  SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED  SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED  EACH 2  SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED  EACH 4  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED  EACH 2  TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC  INDUCTIVE LOOP DETECTOR  DETECTOR LOOP, TYPE I  TEMPORARY TRAFFIC SIGNAL INSTALLATION  EACH 1  REMOVE EXISTING HANDHOLE  EACH 4  REMOVE EXISTING CONCRETE FOUNDATION  EXISTING LIGHT POLE FOUNDATION ADJUSTMENT  EACH 1  BATTERY BACKUP SYSTEM WITH CABINET  FIBER OPTIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL  FIBEROVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL  EACH 1  EACH 1  FOOT 375.5  TO6.5				20			
DRILL EXISTING HANDHOLE  SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED  SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED  SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED  SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC  INDUCTIVE LOOP DETECTOR  DETECTOR LOOP, TYPE I  TEMPORARY TRAFFIC SIGNAL INSTALLATION  REMOVE EXISTING HANDHOLE  REMOVE EXISTING CONCRETE FOUNDATION  EXISTING LIGHT POLE FOUNDATION ADJUSTMENT  BATTERY BACKUP SYSTEM WITH CABINET  FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL			34	42			
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED  SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC  INDUCTIVE LOOP DETECTOR  DETECTOR LOOP, TYPE I  TEMPORARY TRAFFIC SIGNAL INSTALLATION  REMOVE EXISTING HANDHOLE  REMOVE EXISTING CONCRETE FOUNDATION  EACH 1  EXISTING LIGHT POLE FOUNDATION ADJUSTMENT  BATTERY BACKUP SYSTEM WITH CABINET  FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL  EACH 1  SOBREMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL		EACH	1				
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED  SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC  INDUCTIVE LOOP DETECTOR  DETECTOR LOOP, TYPE I  TEMPORARY TRAFFIC SIGNAL INSTALLATION  REMOVE EXISTING HANDHOLE  REMOVE EXISTING CONCRETE FOUNDATION  EACH  EXISTING LIGHT POLE FOUNDATION ADJUSTMENT  BATTERY BACKUP SYSTEM WITH CABINET  FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL  EACH  1  EACH  1  508	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7	4			
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED  SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  EACH  TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC  INDUCTIVE LOOP DETECTOR  DETECTOR LOOP, TYPE I  TEMPORARY TRAFFIC SIGNAL INSTALLATION  REMOVE EXISTING HANDHOLE  REMOVE EXISTING CONCRETE FOUNDATION  EACH  EXISTING LIGHT POLE FOUNDATION ADJUSTMENT  BATTERY BACKUP SYSTEM WITH CABINET  FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL  EACH  1  SOBREMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL  EACH  1  EACH  1  FIGURE ACH  1  FOOT  TOBOT  TOB	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED		2	2			
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC  INDUCTIVE LOOP DETECTOR  DETECTOR LOOP, TYPE I  TEMPORARY TRAFFIC SIGNAL INSTALLATION  REMOVE EXISTING HANDHOLE  REMOVE EXISTING CONCRETE FOUNDATION  EXISTING LIGHT POLE FOUNDATION ADJUSTMENT  BATTERY BACKUP SYSTEM WITH CABINET  FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL  EACH  1  508  EACH  2  2  EACH  7  8  HOUT  FOOT  508  FOOT  375.5  706.5		EACH		4			
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC  INDUCTIVE LOOP DETECTOR  DETECTOR LOOP, TYPE I  FOOT 532 1002  TEMPORARY TRAFFIC SIGNAL INSTALLATION  REMOVE EXISTING HANDHOLE  REMOVE EXISTING CONCRETE FOUNDATION  EXISTING LIGHT POLE FOUNDATION ADJUSTMENT  BATTERY BACKUP SYSTEM WITH CABINET  FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL  EACH 1  508  FOOT 375.5 706.5  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED		2	2			
INDUCTIVE LOOP DETECTOR				8			
DETECTOR LOOP, TYPE I FOOT 532 1002  TEMPORARY TRAFFIC SIGNAL INSTALLATION EACH 1  REMOVE EXISTING HANDHOLE EACH 4  REMOVE EXISTING CONCRETE FOUNDATION EACH 6  EXISTING LIGHT POLE FOUNDATION ADJUSTMENT EACH 1  BATTERY BACKUP SYSTEM WITH CABINET EACH 1  FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F FOOT 508  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING FOOT 375.5 706.5  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL EACH 1			3	10			
REMOVE EXISTING HANDHOLE REMOVE EXISTING CONCRETE FOUNDATION EXISTING LIGHT POLE FOUNDATION ADJUSTMENT EXISTING LIGHT POLE FOUNDATION ADJUSTMENT EACH BATTERY BACKUP SYSTEM WITH CABINET FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING FOOT REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL  EACH 1	<del></del>		532	1002			
REMOVE EXISTING CONCRETE FOUNDATION EACH 6  EXISTING LIGHT POLE FOUNDATION ADJUSTMENT EACH 1  BATTERY BACKUP SYSTEM WITH CABINET EACH 1  FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F FOOT 508  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING FOOT 375.5 706.5  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL EACH 1	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				
REMOVE EXISTING CONCRETE FOUNDATION EACH 6  EXISTING LIGHT POLE FOUNDATION ADJUSTMENT EACH 1  BATTERY BACKUP SYSTEM WITH CABINET EACH 1  FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F FOOT 508  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING FOOT 375.5 706.5  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL EACH 1			4				
EXISTING LIGHT POLE FOUNDATION ADJUSTMENT  BATTERY BACKUP SYSTEM WITH CABINET  FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F  ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL  EACH  1  508  FOOT  375.5  706.5			6				
BATTERY BACKUP SYSTEM WITH CABINET         EACH         1           FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F         FOOT         508           ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING         FOOT         375.5         706.5           REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL         EACH         1				1			
ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING FOOT 375.5 706.5  REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL EACH 1	BATTERY BACKUP SYSTEM WITH CABINET			1			
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL EACH 1					508		
	ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING	FOOT	375.5	706.5			
TRAFFIC SIGNAL DETECTION CONTROL SYSTEM, LOCATION 1 L SUM 1	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL	EACH	1				
· · · · · · · · · · · · · · · · · · ·	TRAFFIC SIGNAL DETECTION CONTROL SYSTEM, LOCATION 1	LSUM	1				

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 TO OBTAIN APPROVAL FOR ALL MAST ARM AND TRAFFIC SIGNAL POST FOUNDATION LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ALL COSTS REQUIRED TO REMOVE OR RELOCATE FACILITIES THAT WERE CONSTRUCTED WITHOUT OBTAINING LOCATION APPROVAL.

REVISIONS
NAME
DATE
PROPOSED TRAFFIC SIGNAL
SCHEDULE OF QUANTITIES
AND CONSTRUCTION NOTES

SCALE; VERT.
HORIZ.
DATE
DATE

REVISIONS
PROPOSED TRAFFIC SIGNAL
SCHEDULE OF QUANTITIES
AND CONSTRUCTION NOTES
CHECKED BY

TRAFFIC SIGNALS SHEET 1 OF 18

9398