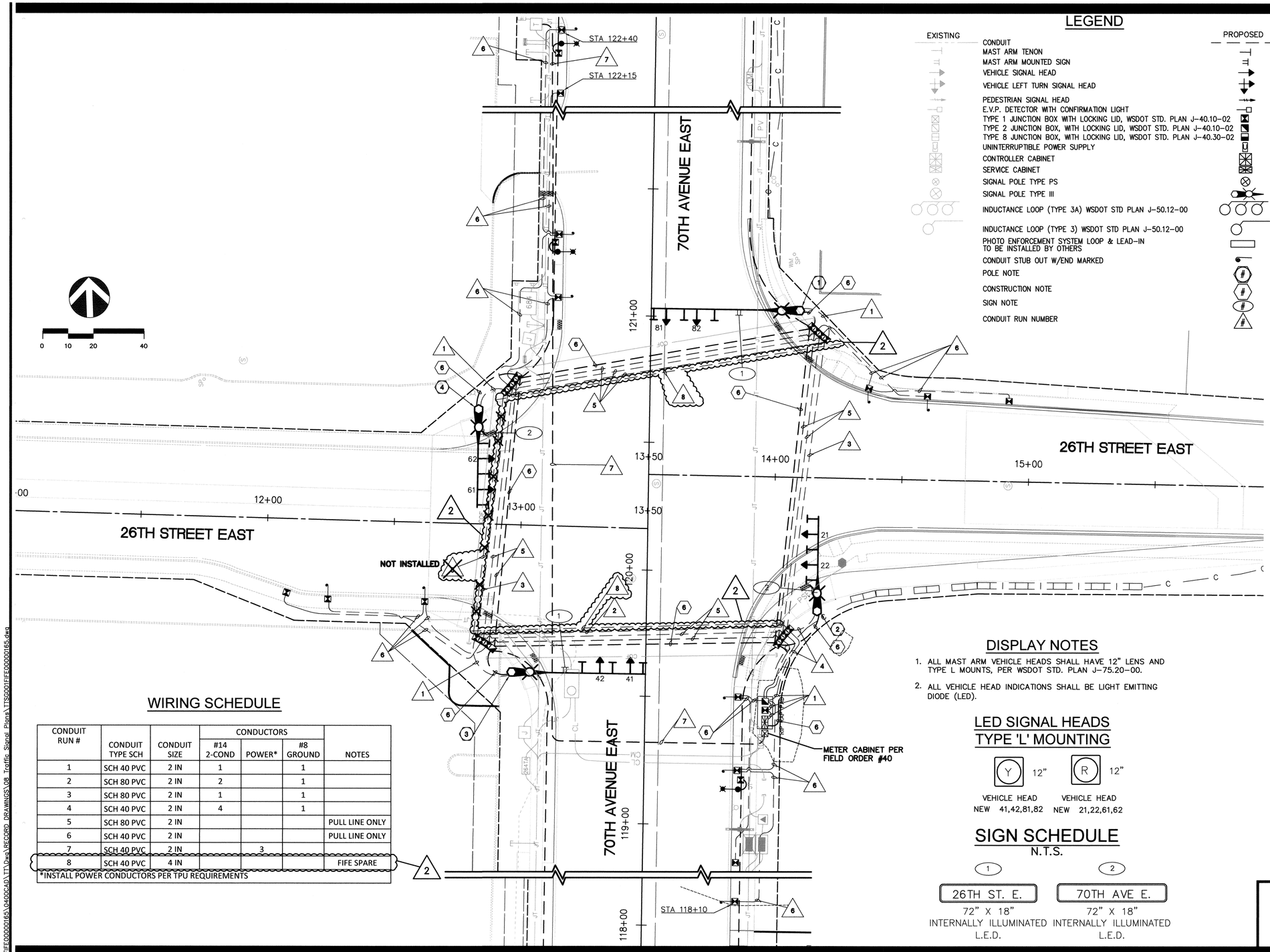

LEGEND

EXISTING		PROPOSED
	CONDUIT	
	MAST ARM TENON	
	MAST ARM MOUNTED SIGN	
	VEHICLE SIGNAL HEAD	
	VEHICLE LEFT TURN SIGNAL HEAD	
	PEDESTRIAN SIGNAL HEAD	
	E.V.P. DETECTOR WITH CONFIRMATION LIGHT	
	TYPE 1 JUNCTION BOX WITH LOCKING LID, WSDOT STD. PLAN J-40.10-02	
	TYPE 2 JUNCTION BOX, WITH LOCKING LID, WSDOT STD. PLAN J-40.10-02	
	TYPE 8 JUNCTION BOX, WITH LOCKING LID, WSDOT STD. PLAN J-40.30-02	
	UNINTERRUPTIBLE POWER SUPPLY	
	CONTROLLER CABINET	
	SERVICE CABINET	
	SIGNAL POLE TYPE PS	
	SIGNAL POLE TYPE III	
	INDUCTANCE LOOP (TYPE 3A) WSDOT STD PLAN J-50.12-00	
	INDUCTANCE LOOP (TYPE 3) WSDOT STD PLAN J-50.12-00	
	PHOTO ENFORCEMENT SYSTEM LOOP & LEAD-IN TO BE INSTALLED BY OTHERS	
	CONDUIT STUB OUT W/END MARKED	
	POLE NOTE	
	CONSTRUCTION NOTE	
	SIGN NOTE	
	CONDUIT RUN NUMBER	

SIGNAL NOTES

1. CONSTRUCT ONE SIGNAL POLE FOUNDATION IN ACCORDANCE WITH WSDOT STANDARD PLAN J-26.10-01. FURNISH AND INSTALL ONE TYPE III SIGNAL POLE WITH A 58 FOOT MAST ARM, TWO VEHICLE SIGNAL HEADS WITH TYPE L MOUNTS IN ACCORDANCE WITH WSDOT STANDARD PLAN J-75.20-00, ONE INTERNALLY ILLUMINATED LED SIGN AND ONE 240 VOLT, 250 WATT MCIII HPS LUMINAIRE ON A 16-FOOT MAST ARM. SEE SHEET SG-03 FOR MOUNTING DETAILS.
2. CONSTRUCT ONE SIGNAL POLE FOUNDATION IN ACCORDANCE WITH WSDOT STANDARD PLAN J-26.10-01. FURNISH AND INSTALL ONE TYPE III SIGNAL POLE WITH A 37 FOOT MAST ARM, TWO VEHICLE SIGNAL HEADS WITH TYPE L MOUNTS IN ACCORDANCE WITH WSDOT STANDARD PLAN J-75.20-00, ONE INTERNALLY ILLUMINATED LED SIGN, AND ONE 240 VOLT, 250 WATT MCIII HPS LUMINAIRE ON A 16-FOOT MAST ARM. SEE SHEET SG-03 FOR MOUNTING DETAILS.
3. CONSTRUCT ONE SIGNAL POLE FOUNDATION IN ACCORDANCE WITH WSDOT STANDARD PLAN J-26.10-01. FURNISH AND INSTALL ONE TYPE III SIGNAL POLE WITH A 53 FOOT MAST ARM, TWO VEHICLE SIGNAL HEADS WITH TYPE L MOUNTS IN ACCORDANCE WITH WSDOT STANDARD PLAN J-75.20-00, ONE INTERNALLY ILLUMINATED LED SIGN, AND ONE 240 VOLT, 250 WATT MCIII HPS LUMINAIRE ON A 16-FOOT MAST ARM. SEE SHEET SG-03 FOR MOUNTING DETAILS.
4. CONSTRUCT ONE SIGNAL POLE FOUNDATION IN ACCORDANCE WITH WSDOT STANDARD PLAN J-26.10-01. FURNISH AND INSTALL ONE TYPE III SIGNAL POLE WITH A 39 FOOT MAST ARM, TWO VEHICLE SIGNAL HEADS WITH TYPE L MOUNTS IN ACCORDANCE WITH WSDOT STANDARD PLAN J-75.20-00, ONE INTERNALLY ILLUMINATED LED SIGN, AND ONE 240 VOLT, 250 WATT MCIII HPS LUMINAIRE ON A 16-FOOT MAST ARM. SEE SHEET SG-03 FOR MOUNTING DETAILS.
5. CONSTRUCT ONE FOUNDATION AND FURNISH AND INSTALL ONE TYPE D SERVICE CABINET IN ACCORDANCE WITH WSDOT STANDARD PLAN J-3C.
6. SEE ILLUMINATION PLANS FOR WIRING SCHEDULE FOR STREETLIGHTING, GFI OUTLETS AND ILLUMINATED SIGNS.

NOTE: SIGNAL POLE FOUNDATION REINFORCEMENT ADDED PER FIELD ORDER #35/CHANGE ORDER #15. SEE "SIGNAL BASE FOUNDATION REINFORCEMENT DETAIL" ON SHEET SG-2.

DISPLAY NOTES

1. ALL MAST ARM VEHICLE HEADS SHALL HAVE 12" LENS AND TYPE L MOUNTS, PER WSDOT STD. PLAN J-75.20-00.
2. ALL VEHICLE HEAD INDICATIONS SHALL BE LIGHT EMITTING DIODE (LED).

LED SIGNAL HEADS TYPE 'L' MOUNTING

Y 12"	R 12"
VEHICLE HEAD	VEHICLE HEAD
NEW 41,42,81,82	NEW 21,22,61,62

SIGN SCHEDULE

N.T.S.

1	2
26TH ST. E.	70TH AVE E.
72" X 18" INTERNALLY ILLUMINATED L.E.D.	72" X 18" INTERNALLY ILLUMINATED L.E.D.

WIRING SCHEDULE

CONDUIT RUN #	CONDUIT TYPE SCH	CONDUIT SIZE	CONDUCTORS #14 2-COND	CONDUCTORS POWER*	CONDUCTORS #8 GROUND	NOTES
1	SCH 40 PVC	2 IN	1		1	
2	SCH 80 PVC	2 IN	2		1	
3	SCH 80 PVC	2 IN	1		1	
4	SCH 40 PVC	2 IN	4		1	
5	SCH 80 PVC	2 IN				PULL LINE ONLY
6	SCH 40 PVC	2 IN				PULL LINE ONLY
7	SCH 40 PVC	2 IN		3		
8	SCH 40 PVC	4 IN				FIFE SPARE

*INSTALL POWER CONDUCTORS PER TPU REQUIREMENTS

RECORD DRAWING NOTE

THESE RECORD DRAWINGS HAVE BEEN COMPILED BY DAVID EVANS AND ASSOCIATES, INC. (DEA) BASED ON FIELD CHANGES, INFORMATION INCLUDED IN CONSTRUCTION CHANGE ORDERS, AND SURVEY INFORMATION. THE LINED OUT PORTIONS OF THESE DRAWINGS REPRESENT CHANGES TO THE APPROVED PLANS. THESE DRAWINGS DO NOT REPRESENT A SURVEY OF ALL PROJECT IMPROVEMENTS INCLUDED IN THE CONTRACT PLANS.

THESE RECORD DRAWINGS ACCURATELY REFLECT FIELD CONDITIONS AS OF THIS DATE: 1-22-14

RECORD DRAWING

CHANGE ORDER #2 AND #15
FIELD ORDER #35

PROJECT ENGINEER:	A. TEBALDI		
DESIGNED BY:	A. TEBALDI, G. NELSON		
DRAWN BY:	S. HICKS, J. KIRKMAN, B. MORRIS		
CHECKED BY:	L. ONORATI, M. CLARK		
DATE PLOTTED:	JULY 2012	7/9/12	2 CHANGE ORDER #2
FILE:	TTSG001FIFE00000165.DWG	DATE	REVISIONS / APPRVD.

City of Fife
Department of Public Works
5411-23rd Street East
Fife, Washington 98424

PLANS PREPARED BY:
DAVID EVANS AND ASSOCIATES INC.
3700 Pacific Hwy. East, Suite 311
Fife, Washington 98424
Phone: 253.922.9780

CITY OF FIFE
70TH AVENUE EAST - PHASE 2
INTERSECTION OF 70TH AVE E AND 26TH ST E
TRAFFIC SIGNAL PLAN

SHEET SG-1
134 OF 192

kto 01/22/14 3:30pm - P:\FIFE00000165\040CAD\TT\Dwg\RECORD DRAWINGS\08 Traffic Signal Plans\TTSG001FIFE00000165.dwg