SEED
AS NEEDED

FERTILIZER
AS NEEDED

AGRICULTURAL LIMESTONE
AS NEEDED

TOPSOIL
AS NEEDED

TEMPORARY EROSION MATTING
AS NEEDED

24 INCH STOP BAR, WATERBORNE PAINT
STA. 218+49.54, RT (24 LF)
STA. 218+85.26, LT (28 LF)
STA. 219+10.65, LT (28 LF)
STA. 219+43.12, LT (24 LF)

CROSSWALK MARKING, WATERBORNE PAINT
STA. 218+66.19, LT - STA. 219+25.99, LT (65.5 LF)
STA. 219+29.91, LT - STA. 219+35.29, RT (61.0 LF)
STA. 219+69.89, RT - STA. 219+31.85, RT (64.0 LF)
STA. 218+61.43, RT - STA. 218+60.39, LT (58.5 LF)

TRAFFIC SIGNS, TYPE A
STA. 218+63.04, LT (EXISTING MA-1)(LEFT TURN YIELD ON FLASHING)
STA. 219+43.04, RT (EXISTING MA-2)(LEFT TURN YIELD ON FLASHING)

REMOVING SIGNS
STA. 218+63.04, LT (EXISTING MA-1)(LEFT TURN YIELD ON GREEN)
STA. 219+43.04, RT (EXISTING MA-3)(LEFT TURN YIELD ON GREEN)

TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION(VT ROUTE 15 & OLD STAGE ROAD)
SEE LIST OF MAJOR EQUIPMENT, TRAFFIC SIGNAL LAYOUT SHEET 13B

CONSTRUCT CONTROLLER CABINET (GROUND MOUNTED)
STA. 218+44.86, LT

CONSTRUCT PEDESTRIAN SIGNAL HEADS
STA. 218+63.04, LT
STA. 218+63.04, LT
STA. 218+67.12, RT
STA. 218+67.12, RT
STA. 219+33.37, LT
STA. 219+33.37, LT
STA. 219+43.04, RT
STA. 219+43.04, RT

CONSTRUCT LED BLANK OUT SIGN
STA. 218+63.04, LT (EXISTING MA-1)
STA. 218+67.12, RT (EXISTING MA-2)
STA. 219+33.37, LT (EXISTING MA-3)
STA. 219+43.04, RT (EXISTING MA-4)

REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM (VT ROUTE 15 & OLD STAGE ROAD)
SEE NOTE 2, THIS SHEET

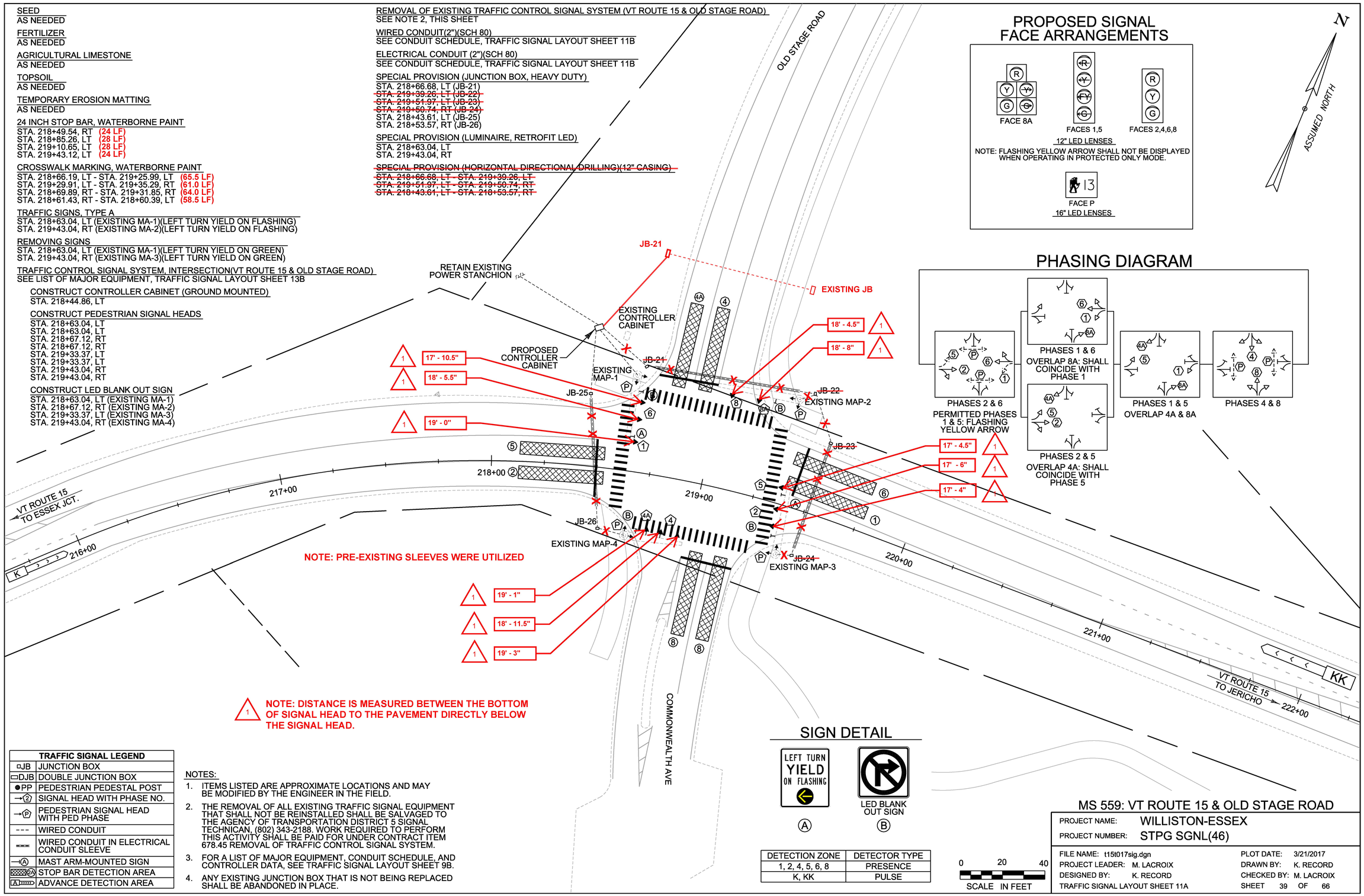
WIRED CONDUIT(2")(SCH 80)
SEE CONDUIT SCHEDULE, TRAFFIC SIGNAL LAYOUT SHEET 11B

ELECTRICAL CONDUIT (2")(SCH 80)
SEE CONDUIT SCHEDULE, TRAFFIC SIGNAL LAYOUT SHEET 11B

SPECIAL PROVISION (JUNCTION BOX, HEAVY DUTY)
STA. 218+66.68, LT (JB-21)
~~STA. 219+39.26, LT (JB-22)~~
~~STA. 219+51.97, LT (JB-23)~~
~~STA. 219+50.74, RT (JB-24)~~
STA. 218+43.61, LT (JB-25)
STA. 218+53.57, RT (JB-26)

SPECIAL PROVISION (LUMINAIRE, RETROFIT LED)
STA. 218+63.04, LT
STA. 219+43.04, RT

~~SPECIAL PROVISION (HORIZONTAL DIRECTIONAL DRILLING)(12" CASING)~~
~~STA. 218+66.68, LT - STA. 219+39.26, LT~~
~~STA. 219+51.97, LT - STA. 219+50.74, RT~~
~~STA. 218+43.61, LT - STA. 218+53.57, RT~~



NOTE: DISTANCE IS MEASURED BETWEEN THE BOTTOM OF SIGNAL HEAD TO THE PAVEMENT DIRECTLY BELOW THE SIGNAL HEAD.

PROPOSED SIGNAL FACE ARRANGEMENTS

PHASING DIAGRAM

SIGN DETAIL

DETECTION ZONE	DETECTOR TYPE
1, 2, 4, 5, 6, 8	PRESENCE
K, KK	PULSE

TRAFFIC SIGNAL LEGEND	
▫JB	JUNCTION BOX
▭DJB	DOUBLE JUNCTION BOX
●PP	PEDESTRIAN PEDESTAL POST
→2	SIGNAL HEAD WITH PHASE NO.
→P	PEDESTRIAN SIGNAL HEAD WITH PED PHASE
---	WIRED CONDUIT
═══	WIRED CONDUIT IN ELECTRICAL CONDUIT SLEEVE
—A	MAST ARM-MOUNTED SIGN
4A	STOP BAR DETECTION AREA
A	ADVANCE DETECTION AREA

NOTES:
1. ITEMS LISTED ARE APPROXIMATE LOCATIONS AND MAY BE MODIFIED BY THE ENGINEER IN THE FIELD.
2. THE REMOVAL OF ALL EXISTING TRAFFIC SIGNAL EQUIPMENT THAT SHALL NOT BE REINSTALLED SHALL BE SALVAGED TO THE AGENCY OF TRANSPORTATION DISTRICT 5 SIGNAL TECHNICAN, (802) 343-2188. WORK REQUIRED TO PERFORM THIS ACTIVITY SHALL BE PAID FOR UNDER CONTRACT ITEM 678.45 REMOVAL OF TRAFFIC CONTROL SIGNAL SYSTEM.
3. FOR A LIST OF MAJOR EQUIPMENT, CONDUIT SCHEDULE, AND CONTROLLER DATA, SEE TRAFFIC SIGNAL LAYOUT SHEET 9B.
4. ANY EXISTING JUNCTION BOX THAT IS NOT BEING REPLACED SHALL BE ABANDONED IN PLACE.

0 20 40
SCALE IN FEET

MS 559: VT ROUTE 15 & OLD STAGE ROAD

PROJECT NAME: WILLISTON-ESSEX
PROJECT NUMBER: STPG SGNL(46)

FILE NAME: t15t017sig.dgn
PROJECT LEADER: M. LACROIX
DESIGNED BY: K. RECORD
TRAFFIC SIGNAL LAYOUT SHEET 11A

PLOT DATE: 3/21/2017
DRAWN BY: K. RECORD
CHECKED BY: M. LACROIX
SHEET 39 OF 66