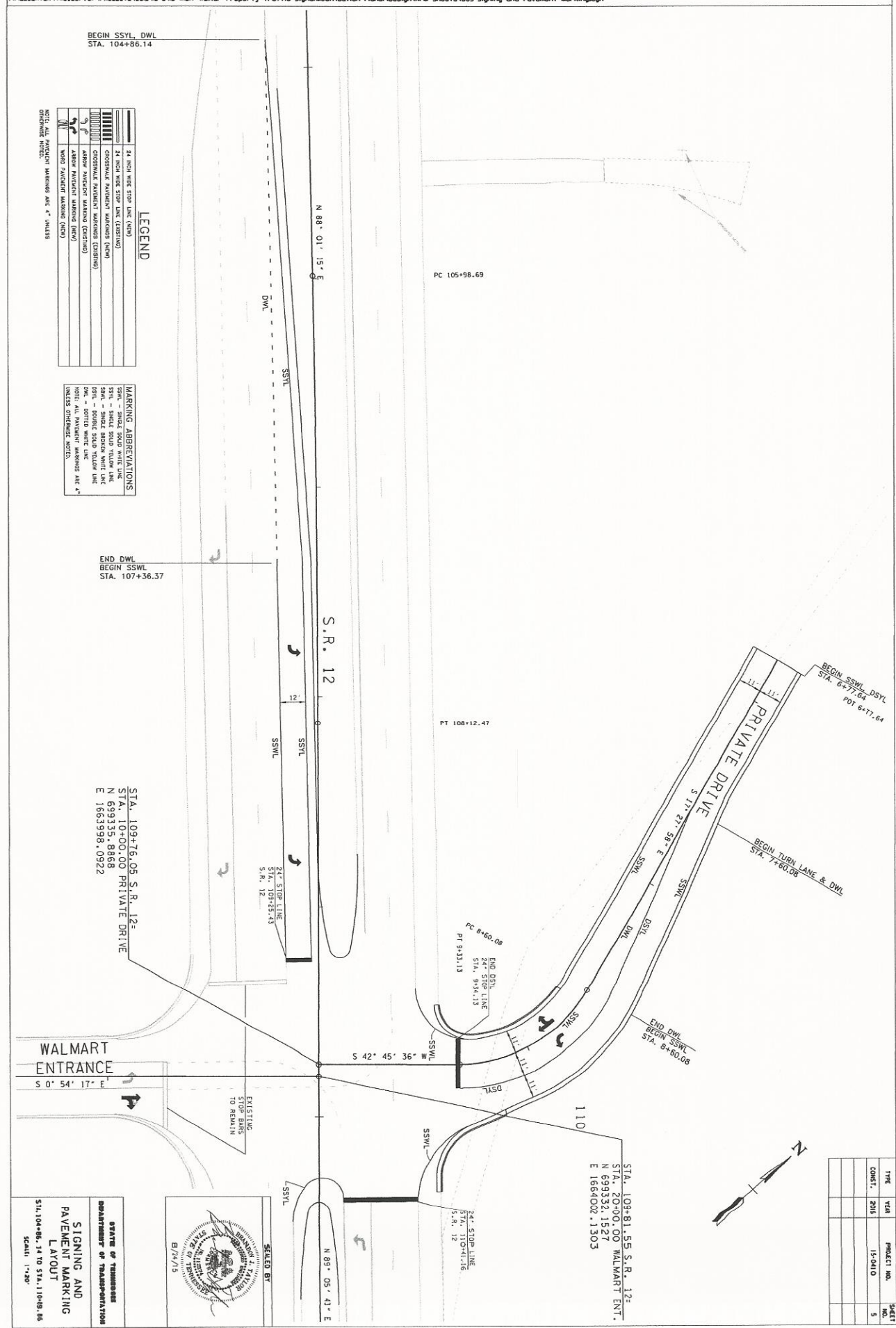
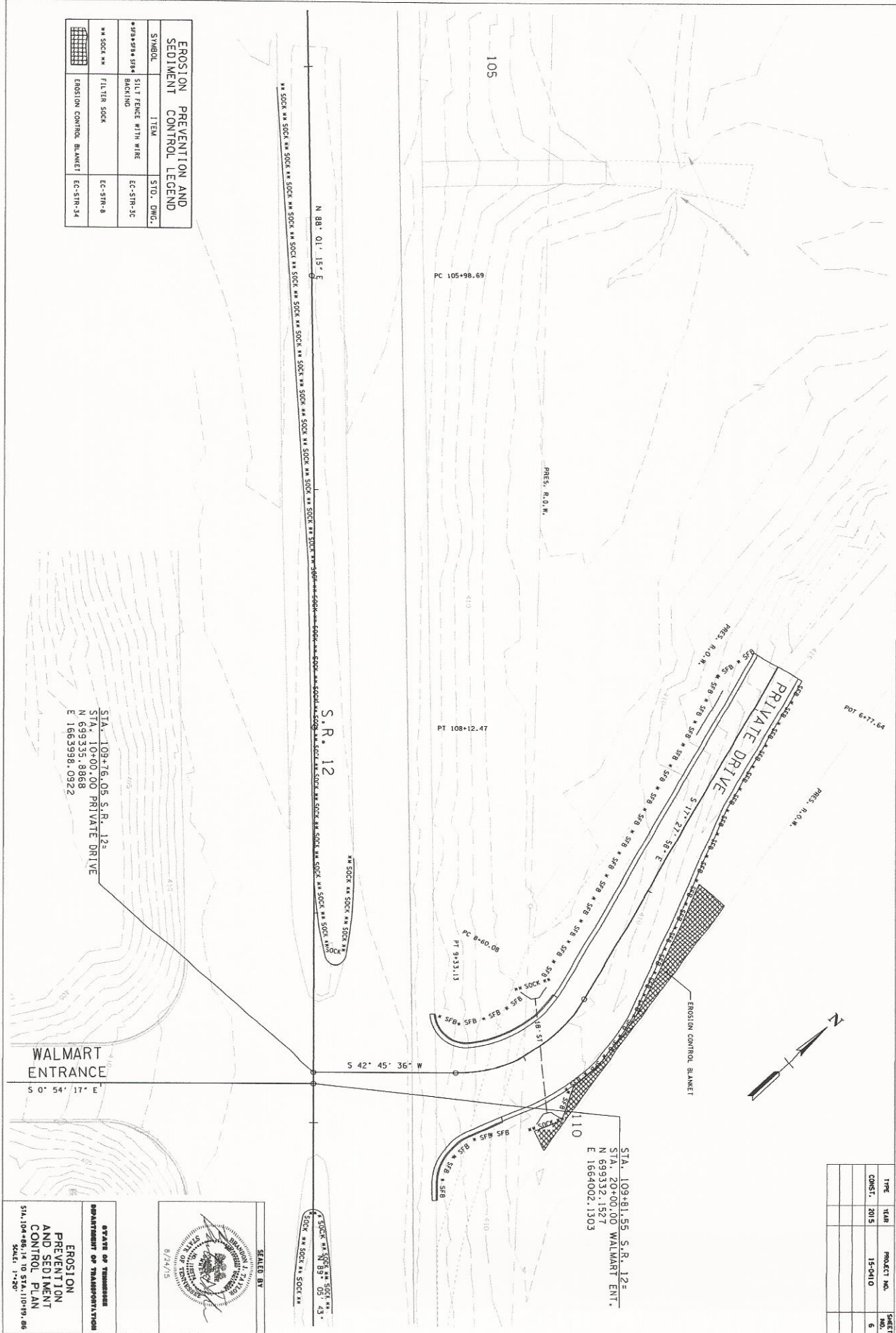


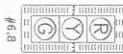
8/25/2015 8:07:46 AM



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND			
SYMBOL	ITEM	STD. DIM.	
*SBS*SYN SDB	SILT FENCE WITH WIRE BACKING	EC-S7B-3C	
W8 SOCK W8	7' LITER SOCK	EC-S7B-8	
	EROSION CONTROL BLANKET	EC-S7B-34	



SIGNAL HEAD DISPLAY
(EXISTING)



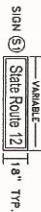
SIGNAL HEAD DISPLAYS
(PROPOSED)



LOOP DETECTOR ASSIGNMENT CHART (NEW)

LOOP	SIZE	PHASE	MODE	NUMBER OF TURNS	DISTANCE FROM STOP BAR	STATUS
L1-1	6'x45'	1	PRESENCE	2-4-2	-3'	NEW
L4-1	6'x25'	4	PRESENCE	2-4-2	-3'	NEW
L5-1	6'x45'	5	PRESENCE	2-4-2	-3'	NEW
L7-1	6'x25'	7	PRESENCE	2-4-2	-3'	NEW

OVERHEAD STREET NAME SIGNS
(SNS) (NEW)

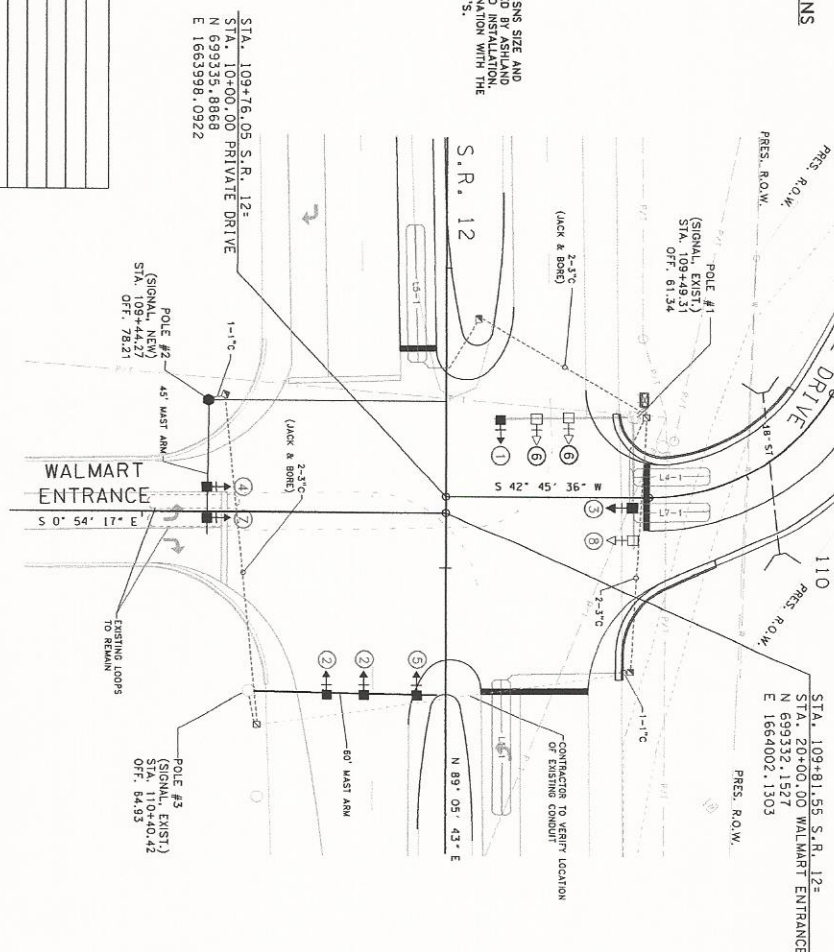


- NOTE:
- 8" U.C. LETTERS (MINIMUM)
 - 1/2" U.C. LETTERS (MINIMUM)
 - HIGH INTENSITY REFLECTIVE SHEETING
 - REFLECTIVE WHITE COPY
 - GREEN BACKGROUND

NOTE:
SNS LETTERING SHOWN FOR REFERENCE ONLY. SNS SIZE AND LETTERING TO BE COORDINATED AND DETERMINED BY ASHLAND COUNTY PUBLIC WORKS DEPARTMENT. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH THE CITY, FABRICATORS, AND INSTALLATION OF SNS'S.

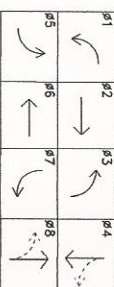
LEGEND

	SIGNAL HEAD W/ NUMBER (NEW)
	SIGNAL HEAD W/ NUMBER (EXIST.)
	PULL BOX (TYPE B, NEW)
	UNDERGROUND CONDUIT (NEW)
	SIGNAL SUPPORT WITH MAST ARM (NEW)
	PAD MOUNTED TRAFFIC SIGNAL CONTROLLER (EXIST.)
	6'x45' QUADRAPOLE LOOP DETECTOR (NEW)
	6'x25' QUADRAPOLE LOOP DETECTOR (NEW)
	PULL BOX (EXIST.)

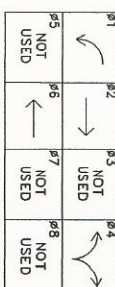


SPECIAL NOTE:
THE CONTRACTOR SHALL VERIFY THE LOCATION AND UTILITIES SHOWN ON THIS PLAN ARE PROVIDED TO THE RPB TRANSPORTATION CONSULTANTS, LLC (TPC) BY LOEC AND ASSOCIATES, WHERE AVAILABLE BASED INFORMATION HAS BEEN SUPPLEMENTED BY FIELD OBSERVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETENESS OR ACCURACY OF THE PROVIDED BASE INFORMATION.

PHASING DIAGRAM (PROPOSED)



PHASING DIAGRAM (EXISTING)



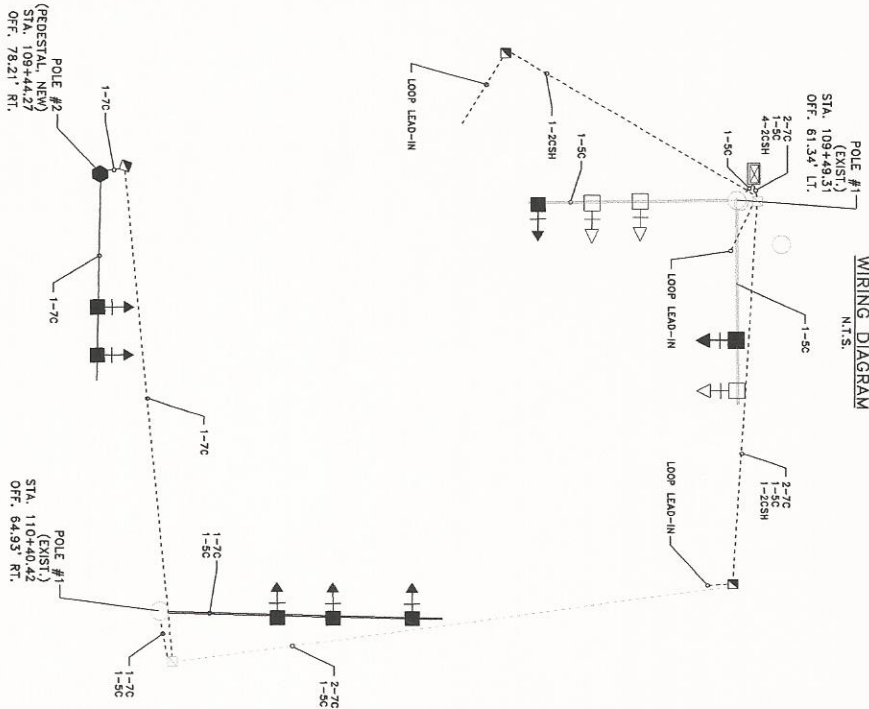
NOTE:
THE CONTRACTOR SHALL VERIFY THE LOCATION AND PULL BOX LOCATIONS PRIOR TO SIGNAL MODIFICATION.



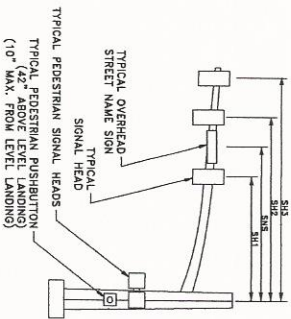
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
SIGNAL
LAYOUT
STA. 104+85.14 TO STA. 110+19.86
SCALE: 1"=20'



WIRING DIAGRAM
N.T.S.



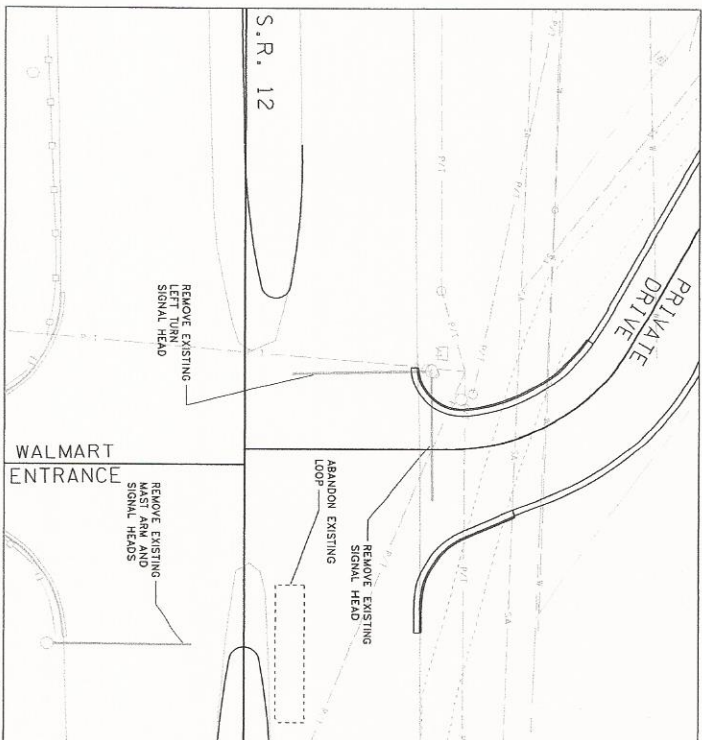
MAST ARM DETAILS
N.T.S.



POLE	SH1	SH2	SH3	SNS
EX.#1	-	-	-	-
#2	30'-0"	40'-0"	-	35'-0"
#3	28'-0"	38'-0"	55'-0"	-

NOTE: DISTANCES BASED ON SIGNAL POLE LOCATIONS INDICATED ON PLAN. IF ANY CHANGES TO THE LOCATION OF SIGNAL HEADS ARE MADE, THE DISTANCES TO BE PLACED IN RELATION TO TRAVEL LINES ACCORDING TO AASHTO AND 1001 STANDARDS.

REMOVAL DIAGRAM
N.T.S.



SIGNAL SUPPORT POLE DATA *									
POLE NO.	STATION	OFFSET	NORTHING	EASTING	GRD ELEV	POLE ARM ELEVATION	MAST ARM LENGTH	FOOTING DEPTH	
1	109+49.31	61.34 L	699399.0790	1664020.1060	EXIST.	EXIST.	EXIST.	EXIST.	
2	109+44.27	78.21 R	699300.0452	1663921.6627	410.3	430.3	45'-0"	15'-0" MIN.	
3	110+40.42	64.53 R	699244.5160	1664001.2610	411.2	431.2	60'-0"	EXIST.	

*NOTE: FOOTING DEPTH CALCULATED UTILIZING TDOT INTERSECTION CALCULATION BASED ON AASHTO 4TH EDITION, 80 MPH WIND SPEED.

TITLE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	15-040	8

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
SIGNAL
DETAILS
STA. 109+49.31 TO STA. 110+40.42
SCALE: 1"=20'