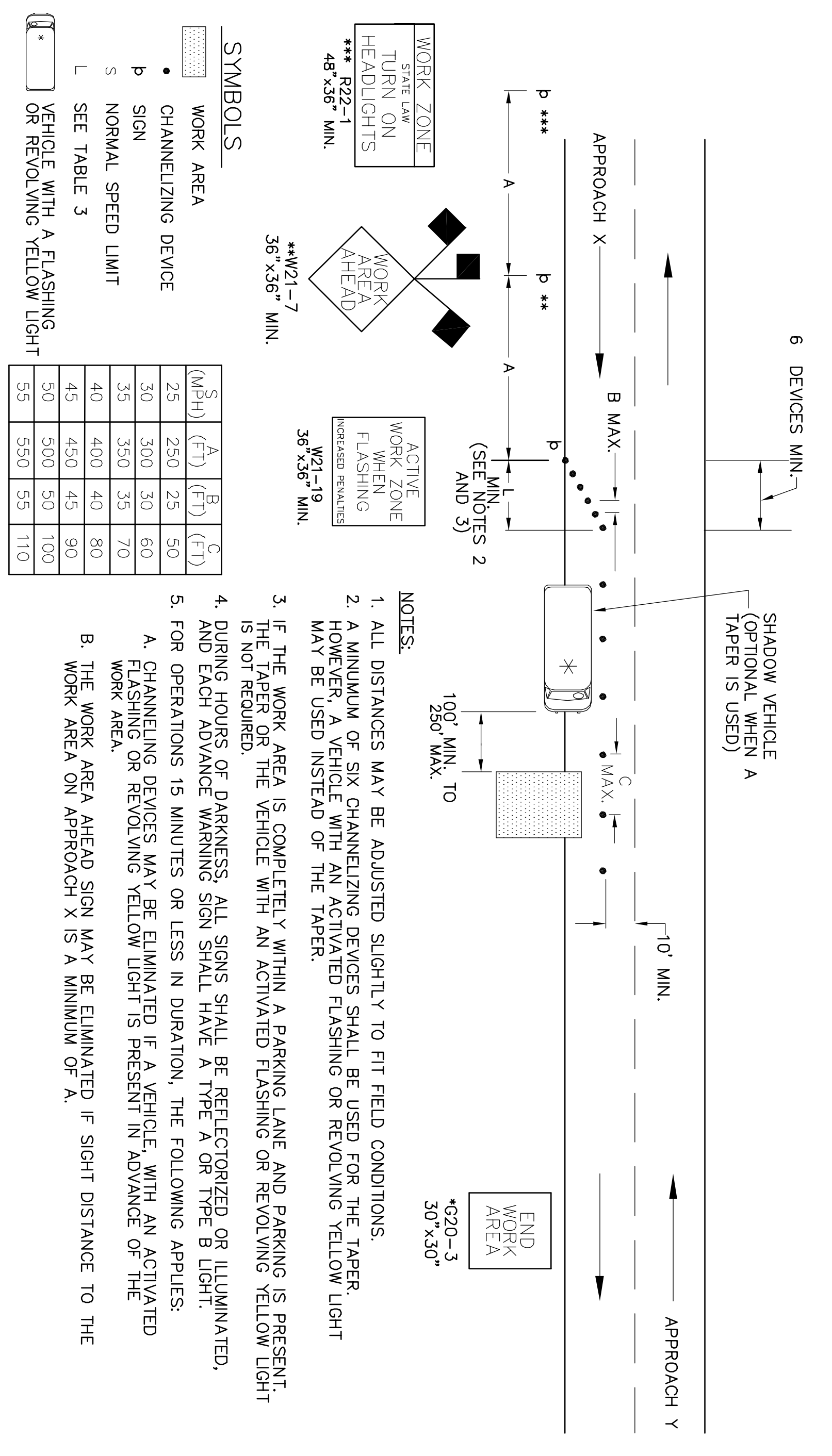


**SYMBOLS**

S	A	C	D
(W/H)	(F)	(F)	(F)
25	50	125	30
30	60	150	35
35	70	175	40
40	80	200	45
45	90	225	50
50	100	250	55
55	110	275	

**24. LONG TERM OPERATION – ADJACENT TO ROADWAY**

NOT TO SCALE

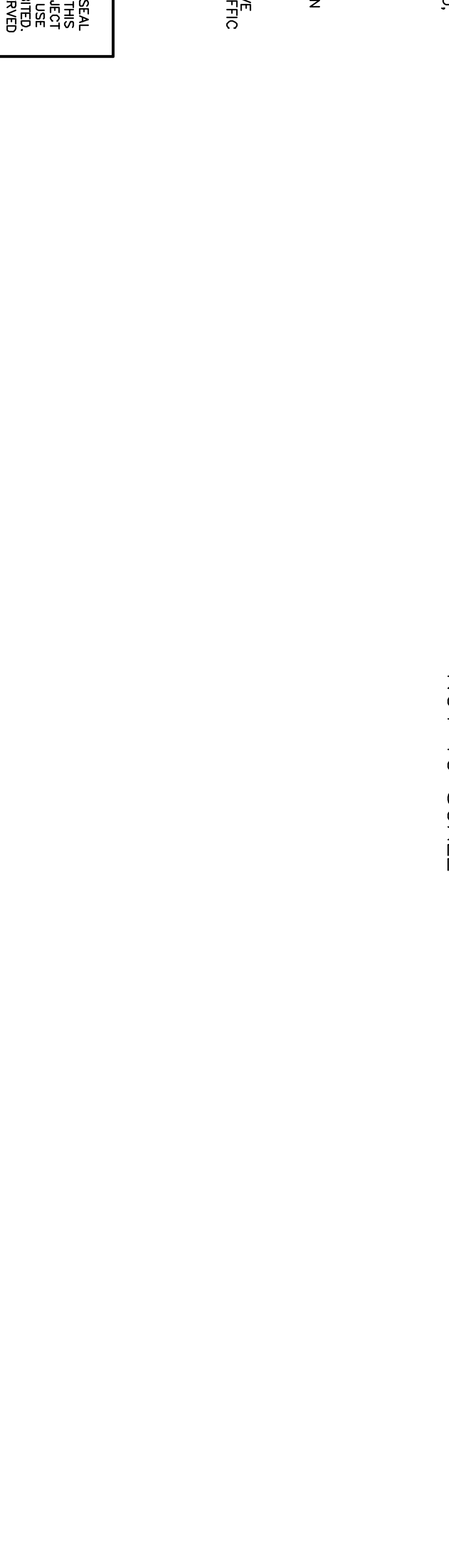


**SYMBOLS**

(W/H)	(F)	(F)	(F)
25	250	25	50
30	300	30	60
35	350	35	70
40	400	40	80
45	450	45	90
50	500	50	100
55	550	55	110

**7. STATIONARY SHORT TERM OPERATION – TWO LANE, TWO WAY ROADWAY – MINOR ENCROACHMENT**

NOT TO SCALE



**SYMBOLS**

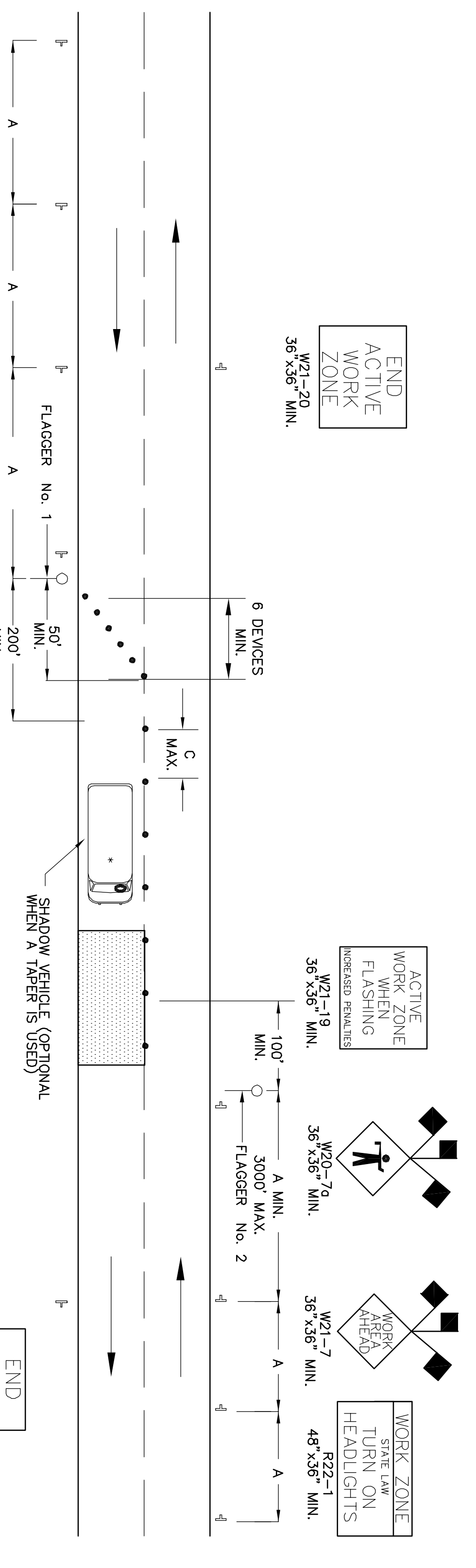
(W/H)	(F)	(F)	(F)
25	250	25	50
30	300	30	60
35	350	35	70
40	400	40	80
45	450	45	90
50	500	50	100
55	550	55	110

**MAINTENANCE & PROTECTION OF TRAFFIC NOTES:**

1. MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE FIGURES 7, 10a, 10b, AND 24 IN PENNDOT PUBLICATION 203, "WORK ZONE TRAFFIC CONTROL," MAY 2002 OR MOST CURRENT.
2. NO TRAFFIC RESTRICTIONS OR LANE CLOSURES ARE PERMITTED ON LEGAL HOLIDAYS AND BETWEEN THE HOURS OF 6:00AM TO 9:00AM AND 3:00PM TO 6:00PM MONDAY THROUGH FRIDAY.
3. A "WORK ZONE-TURN ON HEADLIGHTS" SIGN, R22-1 48"x36", SHALL BE INSTALLED 250'-1000' BEFORE THE FIRST SIGN AS SPECIFIED BY PUBLICATION 203.
4. AN "ACTIVE WORK ZONE WHEN FLASHING" SIGN, W21-19 36" OR 48" SQUARE, SHALL BE INSTALLED AS CLOSE AS PRACTICAL TO THE BEGINNING OF THE ACTIVE WORK ZONE, AND BE PLACED IN ADVANCE OF ANY FLAG PERSON. A WHITE FLASHING LIGHT SHOULD BE ATTACHED TO THE W21-19 SIGN.

**10a. STATIONARY SHORT-TERM OPERATION – TWO LANE, TWO WAY ROADWAY – FLAGGING**

NOT TO SCALE



**SYMBOLS**

S	A	C
(W/H)	(F)	(F)
25	250	50
30	300	60
35	350	70
40	400	80
45	450	90
50	500	100
55	550	110

- NOTES:**
1. ALL DISTANCES MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
  2. ALL FLAGGERS MUST BE IN COMMUNICATION WITH EACH OTHER.
  3. EACH FLAGGER SHOULD BE CLEARLY VISIBLE TO THE TRAFFIC WHICH IS BEING CONTROLLED FOR A MINIMUM DISTANCE OF A.
  4. DURING HOURS OF DARKNESS, ALL SIGNS SHALL BE REFLECTORIZED OR ILLUMINATED. EACH WORKER REFLECTORIZED OTHER GARNET ILLUMINATION ON EACH FLAGGER STATION IS REQUIRED. A RED WAND OR ONE OR MORE FLARES SHALL BE USED TO SUPPLEMENT THE REFLECTORIZED W21-10 SIGN.
  5. FOR OPERATIONS 15 MINUTES OR LESS IN DURATION, A TAPER IS NOT REQUIRED IF A VEHICLE WITH AN ACTIVATED FLASHING OR REVOLVING YELLOW LIGHT IS LOCATED IN THE CLOSED LANE BETWEEN FLAGGER NO. 1 AND THE WORK AREA. WHEN A TAPER IS NOT IN USE, THE REFLECTORIZED W21-10 SIGN SHALL BE PLACED IN ADVANCE OF THE VEHICLE WITH AN ACTIVATED FLASHING OR REVOLVING YELLOW LIGHT.
  6. FOR OPERATIONS 15 MINUTES OR LESS THE FOLLOWING APPLIES:
    - a. THE W21-7 SIGNS ARE NOT REQUIRED.
    - b. A VEHICLE WITH AN ACTIVATED FLASHING OR REVOLVING YELLOW LIGHT IS CLEARLY VISIBLE TO APPROACHING TRAFFIC FOR A MINIMUM DISTANCE OF A.

THIS WORK CONSISTS OF THE MAINTENANCE OF TRAFFIC AND THE PROTECTION OF THE TRAVELING PUBLIC LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL FURNISH, ERECT, PLACE AND MAINTAIN TRAFFIC CONTROL DEVICES AND SIGNS IN ACCORDANCE WITH THE METHODS INDICATED ON THESE DRAWINGS, AND:

1. THE SPECIAL PROVISIONS OF THE CONTRACT.
2. PA CODE, TITLE 67, CHAPTER 203, WORK ZONE TRAFFIC CONTROL.
3. PA CODE, TITLE 67, CHAPTER 203, WORK ZONE TRAFFIC CONTROL.
4. POT PUBLICATION NO. 23, APPROVED CONSTRUCTION MATERIALS (BULLETIN 15).
5. POT PUBLICATION NO. 408M, SPECIFICATIONS.

IMMEDIATELY UPON COMPLETION OF THE WORK, REMOVE TRAFFIC CONTROL DEVICES FROM THE WORK AREA. THE ENGINEER WILL INSPECT ALL TRAFFIC CONTROL DEVICES PRIOR TO START OF WORK.

COVER OR REMOVE ALL SIGNS NOT IN USE.

ONLY THOSE PLANS INCORPORATING THE RAISED PROFESSIONAL SEAL AND THE PROFESSIONAL ENGINEER'S SIGNATURE SHALL BE USED. THIS PLAN IS PREPARED SPECIALLY FOR THE CLIENT AND PROJECT WITHOUT THE CONSENT OF GILMORE & ASSOCIATES, INC. IS PROHIBITED. © COPYRIGHT 2009 GILMORE & ASSOCIATES, INC. ALL RIGHTS RESERVED.

OWNER: Borough of Hatfield, PA 19040 MUNICIPAL FILE NO.:	REV: TAX MAP PARCEL NO.:	
DATE:	SCALE:	
<b>GILMORE &amp; ASSOCIATES, INC.</b> ENGINEERING & CONSULTING SERVICES HATFIELD BOROUGH, MONROE COUNTY, PENNSYLVANIA		JOB NO.: 2009-02133 SHEET NO.: OF

**DRAFT - NOT FOR CONSTRUCTION**