GENERAL NOTES:

THIS WORK CONSISTS OF THE MAINTENANCE OF TRAFFIC AND THE PROTECTION OF THE TRAVELING PUBLIC APPROACHING THE CONSTRUCTION AREA AND WITHIN LIMITS OF CONSTRUCTION. FURNISH, ERECT, PLACE AND MAINTAIN TRAFFIC CONTROL SIGNS AND DEVICES AND MAINTAIN TRAFFIC DURING CONSTRUCTION AND AT ALL OTHER TIMES IN ACCORDANCE WITH THE METHODS INDICATED ON THESE DRAWINGS, AND,

1. PDT PUBLICATION 213, TEMPORARY TRAFFIC CONTROL GUIDELINES, APRIL 2022.
2. PA. CODE, TITLE 67, CHAPTER 212. OFFICIAL TRAFFIC CONTROL DEVICES, MARCH 2006.
3. P.D.T. PUBLICATION NO. 35, APPROVED CONSTRUCTION MATERIALS (BULLETIN 15), CURRENT REVISION.
4. P.D.T. PUBLICATION NO. 408 2020.
5. PENNDOT PUBLICATION NO. 111, TRAFFIC CONTROL SIGNING STANDARDS, TC-8600 & TC-8700 SERIES.
6. PUBLICATION 236, HANDBOOK OF APPROVED SIGNS, NOVEMBER 2013.
7. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), (2009 EDITION).
8. PENNDOT PUBLICATION 46, MARCH 2014

NOTIFY THE DISTRICT PERMIT UNIT, IN WRITING, AT LEAST 14 DAYS (EXCLUDING WEEKENDS AND HOLIDAYS) BEFORE IMPLEMENTING, CHANGING OR EXTENDING ANY RESTRICTION. NOTIFY THE DISTRICT PERMIT UNIT, IN WRITING, AT LEAST 7 DAYS (EXCLUDING WEEKEND AND HOLIDAYS) BEFORE REMOVING ANY RESTRICTION.

REMOVE ALL DEVICES AND SIGNS IMMEDIATELY UPON COMPLETION OF WORK. FOR TYPE "B" AND TYPE "C" MOUNTED SIGNS REMOVE POSTS COMPLETELY.

HAVE ALL TRAFFIC CONTROL DEVICES IN PLACE AND INSPECTED BY THE DISTRICT PERMIT UNIT BEFORE WORK BEGINS.

COVER COMPLETELY OR REMOVE FROM SIGHT ALL SIGNS NOT IN USE.

USE NEW SIGNS AND/OR DEVICES AND MAINTAIN AS SUCH THROUGHOUT THE DURATION OF THIS PROJECT.

THIS TRAFFIC CONTROL PLAN DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES AS SPECIFIED IN SECTION 901.3(A) OF PUBLICATION NO. 408.

SIGN LOCATIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

POSTED SPEED LIMIT ON S.R. 0060 IS 30 MPH.

MAINTAIN ACCESS TO ALL SIDE ROADS, PRIVATE DRIVEWAYS, AND BUSINESSES AT ALL TIMES.

MAINTAIN THE CONSTANT SURVEILLANCE OF TRAFFIC CONTROL OPERATIONS AND SATISFACTORILY REPLACE OR CORRECT ANY MISSING, DAMAGED, INEFFECTIVE, OR MISALIGNED EQUIPMENT, TO THE SATISFACTION OF THE DEPARTMENT.

ALL HIGHWAY WORKERS SHALL WEAR YELLOW/GREEN (ANSII II) VESTS, AND FLAGGERS SHALL WEAR YELLOW/GREEN (ANSII II) VESTS AND LEGGINGS. ANSI III APPAREL IS REQUIRED DURING HOURS OF DARKNESS FOR ALL HIGHWAY WORKERS.

PERFORM ALL WORK WITHIN LEGAL RIGHT-OF-WAY.

DURING NON-WORKING HOURS, DO NOT STOP, LEAVE STANDING, OR PARK CONSTRUCTION EQUIPMENT ON A TRAVEL LANE OR WITHIN 30 FEET OF LANE.

PROVIDE CHANNELIZING DEVICES AND BARRICADES AT INTERSECTIONS, MAJOR DRIVEWAYS, AND RAMPS, TO PREVENT VEHICLES FROM TURNING ONTO A LANE CLOSED FOR CONSTRUCTION. SPACE CHANNELIZING DEVICES AT 5 FOOT INTERVALS OR AS DIRECTED BY THE DEPARTMENT.

USE FLUORESCENT ORANGE REFLECTIVE SHEETING FOR ALL SIGNS AND DEVICES.

ALL INTERSECTING ROADWAYS SHALL BE SIGNED WITH THE APPROPRIATE SIGNS.

ALL SIGNS SHOWN ARE THE MINIMUM REQUIRED. ADDITIONAL SIGNS PROVIDED UPON REQUEST.

OPERATIONS OF WORK NOT SHOWN SHALL BE IN ACCORDANCE WITH THE APPROPRIATE FIGURES OF PUBLICATION NO. 213.

ALL SHORT TERM SIGN SUPPORTS TO BE OF A WIND RESISTANT DESIGN.

COMPLETELY REMOVE CONFLICTING EXISTING PAINT LINES. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE REMOVED BY WATER BLASTING. GRINDING METHOD MAY BE USED WHEN EQUIPMENT IS CAPABLE OF REMOVING AT LEAST 10,000 LINEAR FEET OF PAVEMENT MARKINGS WITHIN ONE HOUR.

CONTRACTOR TO MAINTAIN ADEQUATE SIGHT DISTANCE FOR ALL MOTORISTS. FLAGGING, IN ACCORDANCE WITH CHAPTER 213, MUST BE PROVIDED AT ALL TIMES IF SIGHT DISTANCE BECOMES DEFICIENT DUE TO WORK IN PROGRESS. PROVIDE APPROPRIATE SIGNAGE TO WARN MOTORISTS OF FLAGGING OPERATIONS AS PER PUBLICATION 213.

CAREFULLY REMOVE AND SET ASIDE ALL EXISTING OFFICIAL TRAFFIC SIGNS AND DEVICES AS NEEDED TO PERFORM REQUIRED OPERATIONS. DO NOT SCRATCH OR DAMAGE REFLECTIVE SHEETING FACE. UPON COMPLETION OF THE PROJECT, RESET SIGNS THAT ARE APPROPRIATE.

DESIGNATE AN INDIVIDUAL AS TRAFFIC CONTROL COORDINATOR. ASSURE THAT THIS INDIVIDUAL IS RESPONSIBLE FOR THE PROJECT MAINTENANCE AND PROTECTION OF TRAFFIC. FURNISH TO PENNDOT AND THE MUNICIPAL TOWNSHIP POLICE DEPARTMENTS THE NAME AND ADDRESS OF THE TRAFFIC CONTROL COORDINATOR AND A TELEPHONE NUMBER WHERE THIS PERSON CAN BE REACHED AT ALL TIMES.

DO NOT PARK PERSONAL VEHICLES WITHIN THE HIGHWAY RIGHT-OF-WAY WITHOUT PERMISSION OF THE DEPARTMENT.

MAINTAIN TRAVEL LANE IN GOOD CONDITION WHEN IN USE, TO THE SATISFACTION OF THE DEPARTMENT.

MAINTAIN AND PROTECT PEDESTRIAN TRAFFIC THROUGH THE CONSTRUCTION AREA AT ALL TIMES.

ALL PAINT LINES AND PAVEMENT MARKINGS ARE TO BE PRESENT DURING NON-WORKING HOURS.

ALL DROP-OFF ISSUES ARE TO BE DEALT WITH ACCORDING TO PUB. 408 SECTION 901.3(J).

ADEQUATE SIGHT DISTANCE TO BE MAINTAINED FOR ALL TRAFFIC MOVEMENTS AT ALL TIMES.

NO LANE RESTRICTIONS ALONG SR 0060 BETWEEN THE HOURS OF 6:00 AM TO 9:00 AM AND 3:00 PM TO 6:00 PM.

TRAFFIC CONTROL SETUPS ALONG S.R. 0060 TO OCCUR DURING NON-PEAK HOURS (9:00 PM TO 6:00 AM).

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE PA ONE-CALL SYSTEM, INC. AT 1-800-242-1776 AT LEAST (3) THREE WORKING DAYS PRIOR TO DIGGING. PA ONE-CALL SHOULD BE CONTACTED BEFORE ANY SIGN POST ANCHOR IS DRIVEN INTO THE GROUND FOR ANY TEMPORARY AND/OR PAVEMENT SIGNING.

THESE PLANS HAVE BEEN REVIEWED AND ARE IN COMPLIANCE WITH STANDARDS PRESCRIBED IN CHAPTER 212 OF THE 67 PA. CODE AS CURRENTLY AMENDED.

NOTE THAT THIS APPROVAL DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE PROTECTION OF THE PUBLIC AND THE CONSTRUCTION PERSONNEL. THE STANDARDS PRESCRIBED ARE MINIMUM AND ADDITIONAL PROTECTION MAY BE NECESSARY IF PROBLEMS ARE ENCOUNTERED DURING THE TERM OF THE CONTRACT. CONSTANTLY REVIEW THIS PLAN FOR ADEQUACY AND RECOMMEND CHANGES FOR

DEPARTMENT APPROVAL WHEN INADEQUACIES ARE DISCOVERED.

THE CONTRACTOR HAS THE OPTION TO SUBMIT ALTERNATE TRAFFIC CONTROL PLANS FOR CONSIDERATION. THESE PLANS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF PENNSYLVANIA AND SHALL BE CONSISTENT WITH STANDARD DESIGN PRACTICES. THE DEPARTMENT WILL ALLOW NO CONSTRUCTION ACTIVITY UNTIL THE CONTRACTOR'S ALTERNATE PLANS ARE APPROVED IN WRITING BY THE DISTRICT TRAFFIC ENGINEER. MODIFICATIONS TO THE APPROVED MPT PLAN THAT MAY BECOME NECESSARY SHALL ALSO BE APPROVED BY THE DISTRICT.

THE CONTRACTOR SHALL HAVE A SUFFICIENT AMOUNT OF THE FOLLOWING SIGNS AVAILABLE IN CASE THEIR USE BECOMES NECESSARY: W3-4 "BE PREPARED TO STOP" AND W20-7 "FLAGGER SYMBOL". THESE SIGNS ARE NOT INTENDED TO BE PART OF THE REQUIRED NORMAL TRAFFIC CONTROL OR A SUPPLEMENT THERETO,

REPORT ALL TRAFFIC INCIDENTS TO THE DISTRICT TRAFFIC ENGINEER BY COPY OF THE TRAFFIC ACCIDENT REPORT FROM THE PA STATE POLICE AND LOCAL POLICE.

USE CHANNELIZING DEVICES WITH TYPE C STEADY BURN LIGHTS FOR ALL NIGHTTIME LANE RESTRICTIONS. MOUNT THE TYPE C LIGHT ON EACH DEVICE USED IN TRANSITION AREAS AND EVERY THIRD DEVICE USED IN TANGENT SECTIONS.

WHEN LONG TERM SIGNAGE IS NOT APPLICABLE, COVER OR REMOVE FROM ROADWAY.

COORDINATE WORKING SCHEDULE WITH KEN BUCKLEY (412-738-4239) FOR ADJACENT SR 60 A55 ECMS #109510 PROJECT.

SEQUENCE OF CONSTRUCTION S.R. 0060

WORK PHASE I: INSTALL SIGNAGE AND VERTICAL PANELS AS SHOWN ON THE TRAFFIC CONTROL PLAN. EXCAVATE AND INSTALL GAS LINE AS SHOWN ON HOP PLANS. FULL DEPTH PAVEMENT RESTORATION TO TAKE PLACE EXCEPT FOR WEARING COURSE. WEARING COURSE TO BE PLACED CONCURRENTLY WITH FINAL MILLING AND OVERLAY RESTORATION. ALL LANE RESTRICTIONS TO BE REMOVED DURING NON-WORKING HOURS.

WORK PHASE II: INSTALL SIGNAGE AND VERTICAL PANELS AS SHOWN ON THE TRAFFIC CONTROL PLAN. EXCAVATE AND INSTALL GAS LINE AS SHOWN ON HOP PLANS. FULL DEPTH PAVEMENT RESTORATION TO TAKE PLACE EXCEPT FOR WEARING COURSE. WEARING COURSE TO BE PLACED CONCURRENTLY WITH FINAL MILLING AND OVERLAY RESTORATION. ALL LANE RESTRICTIONS TO BE REMOVED DURING NON-WORKING HOURS.

WORK PHASE III: INSTALL SIGNAGE AND VERTICAL PANELS AS SHOWN ON THE TRAFFIC CONTROL PLAN. EXCAVATE AND INSTALL GAS LINE AS SHOWN ON HOP PLANS. FULL DEPTH PAVEMENT RESTORATION TO TAKE PLACE EXCEPT FOR WEARING COURSE. WEARING COURSE TO BE PLACED CONCURRENTLY WITH FINAL MILLING AND OVERLAY RESTORATION. ALL LANE RESTRICTIONS TO BE REMOVED DURING NON-WORKING HOURS.

WORK PHASE IV: (NOT SHOWN) WORK AREA DEFINED BY WHAT CONTRACTOR CAN PERFORM DURING A WORK DAY THROUGHOUT THE REST OF THE PROPOSED WORK AREA. LANE RESTRICTION AND INTERSECTION CONTROL FLAGGING AS PER PENNDOT PUBLICATION 213 APPLICABLE PATA FIGURES. ALL LANE RESTRICTIONS TO BE REMOVED DURING NON-WORKING HOURS.

CONTRACTOR SHALL ADHERE TO ALL CRITERIA LISTED IN PUBLICATION 408, LATEST EDITION. CONTRACTOR SHALL ADHERE TO ALL APPLICABLE FIGURES WITHIN PUBLICATION 213 FOR ALL SHORT TERM FLAGGING OPERATIONS NECESSARY TO INSTALL SIGNAL EQUIPMENT AND PERFORM PAVEMENT MARKING INSTALLATION.

REVISION DATE									

PEOPLES NATURAL GAS

MAINTENANCE AND PROTECTION OF TRAFFIC – GENERAL NOTES

EPS #265197

SR 0060 (WEST STEUBEN STREET)

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JOSEPH W. TIMMERMAN
ENGINEER
PE-074979

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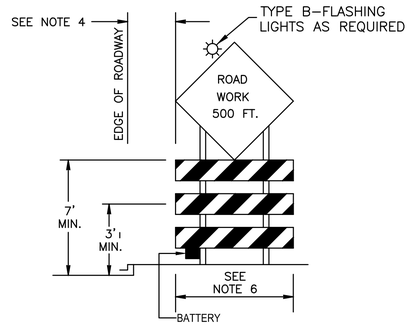
DESIGNATION	SIZE (INCHES)	LEGEND OF DESCRIPTION	QUANTITY
			TOTAL
W20–1	36X36	ROAD WORK	4
W20–5L	36X36	LEFT LANE CLOSED	1
W20–5R	36X36	RIGHT LANE CLOSED	2
W4–2L	36X36	PAVEMENT WIDTH TRANSITION – LEFT LANE ENDS	1
W4–2R	36X36	PAVEMENT WIDTH TRANSITION – RIGHT LANE ENDS	2
W30–1–6	20X6	AHEAD	10
R11–8	48X30	ROAD CLOSED	5
G20–2	36X18	END ROAD WORK	4
*SPECIAL 1	30X24	INGRAM AVENUE	11
*SPECIAL 2	48X36	INGRAM AVE CLOSED TO STEUBENVILLE PIKE FOLLOW DETOUR	2
W20–4	36X36	ONE LANE ROAD AHEAD	3
W20–7	36X36	FLAGGER SYMBOL	4
M4–8A	36X30	END DETOUR	2
M4–9SL	30X24	LEFT ADVANCE DETOUR	2
M4–9L	30X24	DETOUR, LEFT	2
M4–9S	30X24	DETOUR, STRAIGHT	3
W20–2	36X36	ADVANCE DETOUR	2
M4–10L	48X18	DETOUR ARROW, LEFT	1
R11–3A	60X30	ROAD CLOSED – LOCAL TRAFFIC ONLY	1
W1–4L	36X36	LEFT REVERSE CURVE	1
W1–4R	36X36	RIGHT REVERSE CURVE	1
R11–4	36X36	LANE CLOSED	1
M4–9SR	30X24	RIGHT ADVANCE DETOUR	1
M4–9R	30X24	DETOUR SIGN, RIGHT	2
W20–3	36X36	ROAD CLOSED	2
W30–1–2	20X6	DISTANCE PANEL, 1000 FT	1
W30–1–1	20X6	DISTANCE PANEL, 500 FT	1
M4–10R	48X18	DETOUR ARROW, RIGHT	1
R11–4	60X30	ROAD CLOSED TO THRU TRAFFIC	1

TRAFFIC CONTROL DEVICES, SEPARATE PAY ITEMS

ITEM NUMBER	UNITS	LEGEND OF DESCRIPTION	QUANTITY
0901–0231	DAY	ADDITIONAL WARNING LIGHTS, TYPE B	14
0901–0232	DAY	ADDITIONAL WARNING LIGHTS, TYPE C	14
0901–0240	SF	ADDITIONAL TRAFFIC CONTROL SIGNS	120
0901–0203	DAY	FLASHING ARROW PANEL, TYPE C, 96" X 48"	14



NOTES:

1. SIGNS LOCATED ON BOTH THE LEFT AND RIGHT SIDES OF A ROADWAY SHALL CONFORM WITH THESE CONDITIONS.
2. HIGHER MOUNTING HEIGHTS ARE DESIRABLE AND MAY BE NECESSARY WHERE CONSTRUCTION EQUIPMENT, MATERIAL, OTHER OBSTRUCTIONS SUCH AS PARKING OR PEDESTRIAN ACTIVITY ARE PRESENT.
3. FOR DAYLIGHT OPERATIONS, ALL ADVANCE WARNING SIGNS MOUNTED LESS THAN 5' ABOVE PAVEMENT ELEVATION SHALL HAVE A TYPE B LIGHT OR THREE 16"x16" MINIMUM SIZE ORANGE FLAGS ATTACHED TO THE TOP OF EACH SIGN BY STAFFS THAT ARE A MINIMUM OF 24" LONG. DURING HOURS OF DARKNESS A TYPE A OR A TYPE B LIGHT SHALL BE USED.
4. IN URBAN AREAS A CLEARANCE OF ONE FOOT FROM THE CURB FACE IS PERMISSIBLE WHERE SIDEWALK WIDTH IS LIMITED OR WHERE EXISTING POLES ARE CLOSE TO THE CURB.
5. THE LENGTH OF TYPE III BARRICADE RAILS SHALL EQUAL OR EXCEED THE WIDEST HORIZONTAL DIMENSION OF THE WIDEST SIGN INSTALLED ON THE BARRICADE OR A MINIMUM OF 4', WHICHEVER IS LARGER.
6. THE SUPPLEMENTAL PLAQUE MAY ALSO BE CENTERED UNDER THE SIGN.

TYPE III BARRICADE

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PEOPLES NATURAL GAS

MAINTENANCE AND PROTECTION OF TRAFFIC – GENERAL NOTES 2
EPS #265197
SR 0060 (WEST STEUBEN STREET)

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JOSEPH W. TIMMERMAN JR.
ENGINEER
PE-074979

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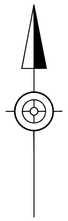

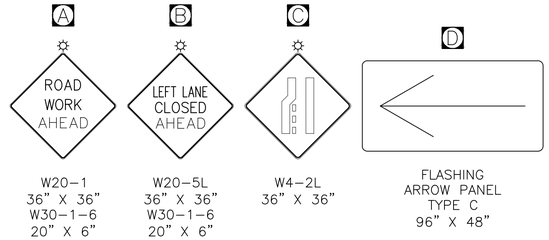

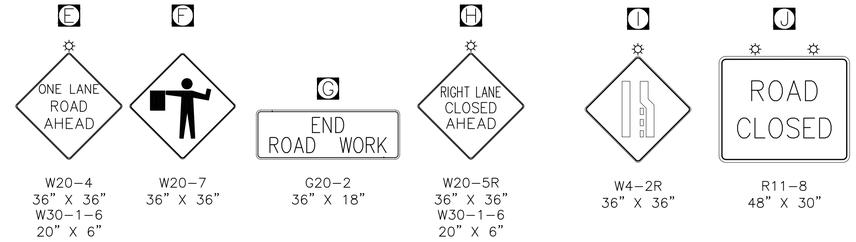

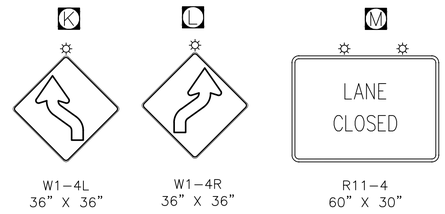

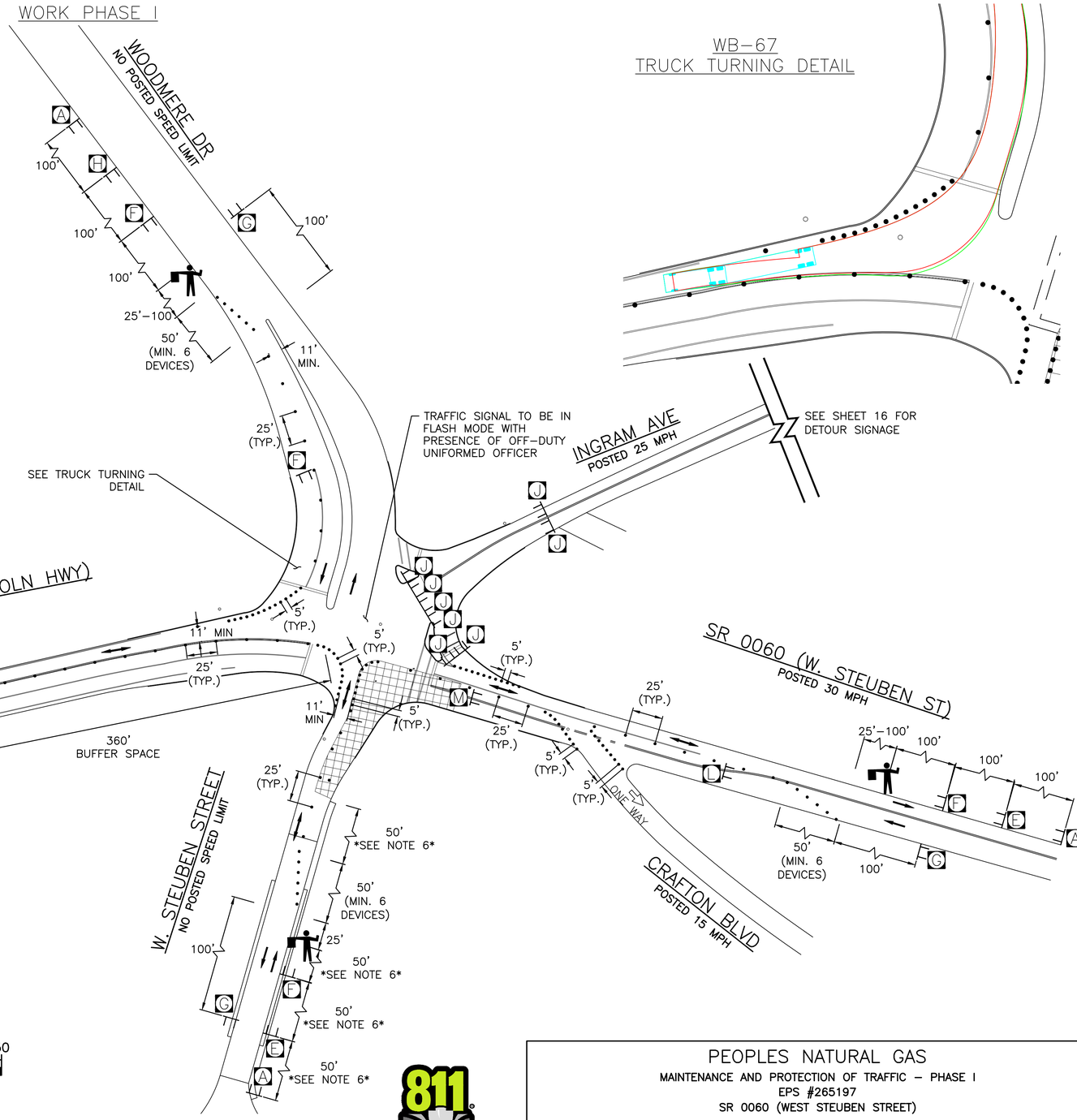

WORK AREA

- WORK AREA
- TYPE B LIGHT
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- ARROW PANEL
- TRAFFIC CIRCULATION ARROW
- *W/6" – EXISTING WHITE PAVEMENT MARKING/ WIDTH*
- *BW/6" – EXISTING BROKEN WHITE PAVEMENT MARKING/ WIDTH*
- *Y/4" – EXISTING YELLOW PAVEMENT MARKING/ WIDTH*
- TW/6" – TEMPORARY WHITE PAVEMENT MARKING/ WIDTH
- TY/4" – TEMPORARY YELLOW PAVEMENT MARKING/ WIDTH

50 0 50
1 inch = 50 ft.

NOTE:

1. ALL PAVEMENT MARKINGS TO BE RESTORED IN KIND.
2. ADEQUATE SIGHT DISTANCE TO BE MAINTAINED AT ALL TIMES.
3. ALL DRIVEWAYS TO REMAIN OPEN ALONG INGRAM AVENUE.
4. REFER TO PENNDOT PUBLICATION 213 PATA FIGURES 107, 119, 120 & 123-A FOR ADDITIONAL DETAIL.
5. SIGNAL TO BE PLACED IN FLASHING MODE FOR FLAGGING OPERATION.
6. DISTANCE MODIFIED TO FIT WITHIN EXISTING CONDITIONS.
7. CHANNELIZERS TO BE PLACED AS NECESSARY TO AVOID CONFLICTS WITH TRUCK TURNS

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PEOPLES NATURAL GAS

MAINTENANCE AND PROTECTION OF TRAFFIC – PHASE I
EPS #265197
SR 0060 (WEST STEUBEN STREET)

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JOSEPH W. TIMMERMAN
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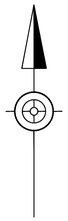

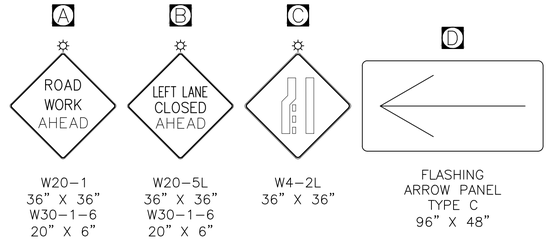

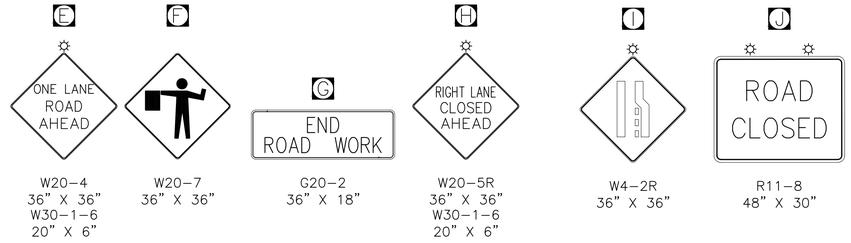

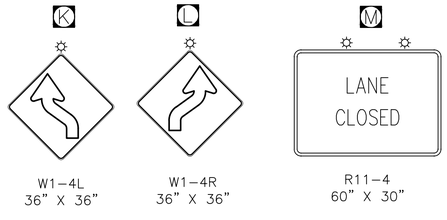

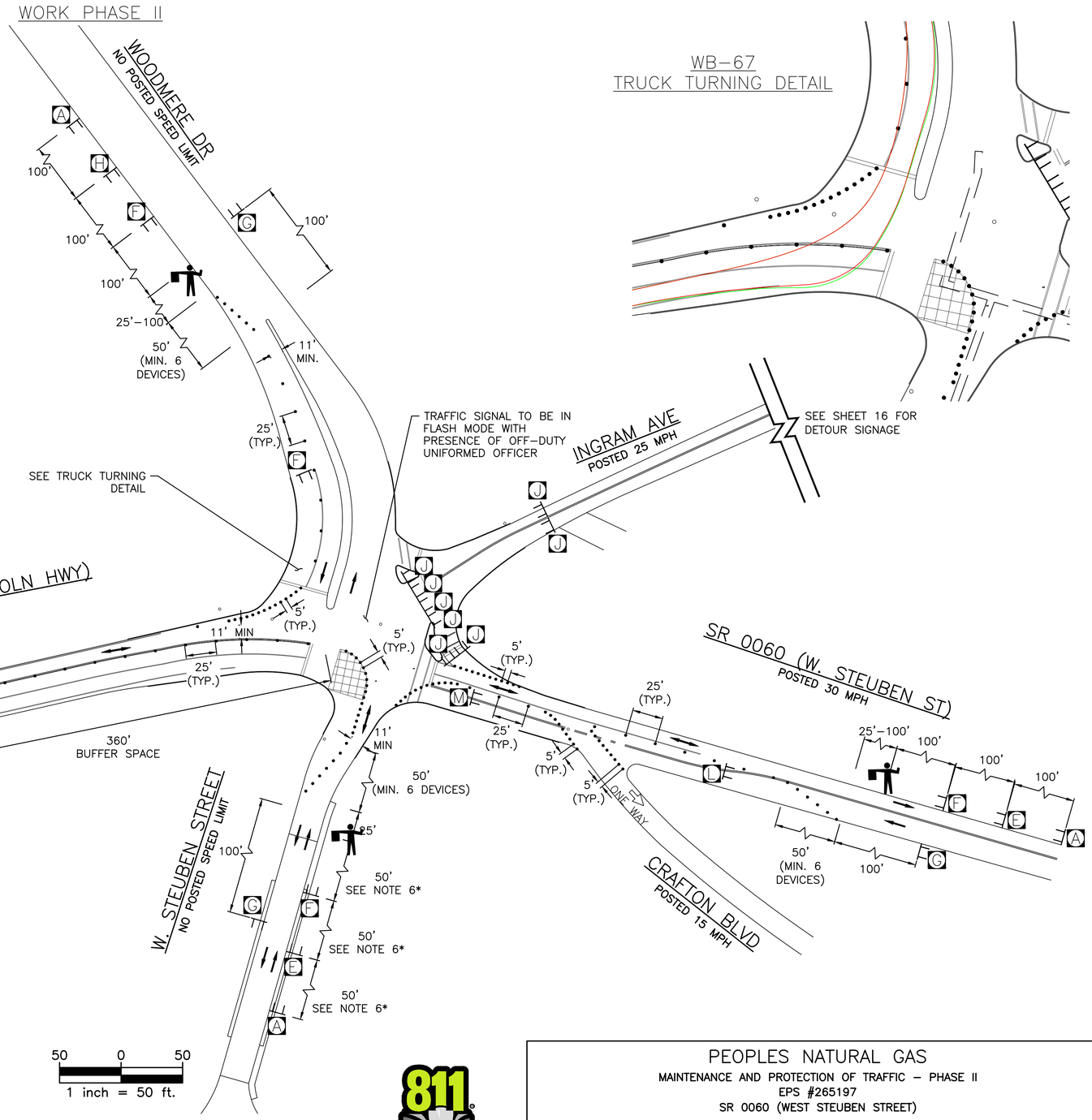

NOTE:

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PEOPLES NATURAL GAS

MAINTENANCE AND PROTECTION OF TRAFFIC – PHASE II
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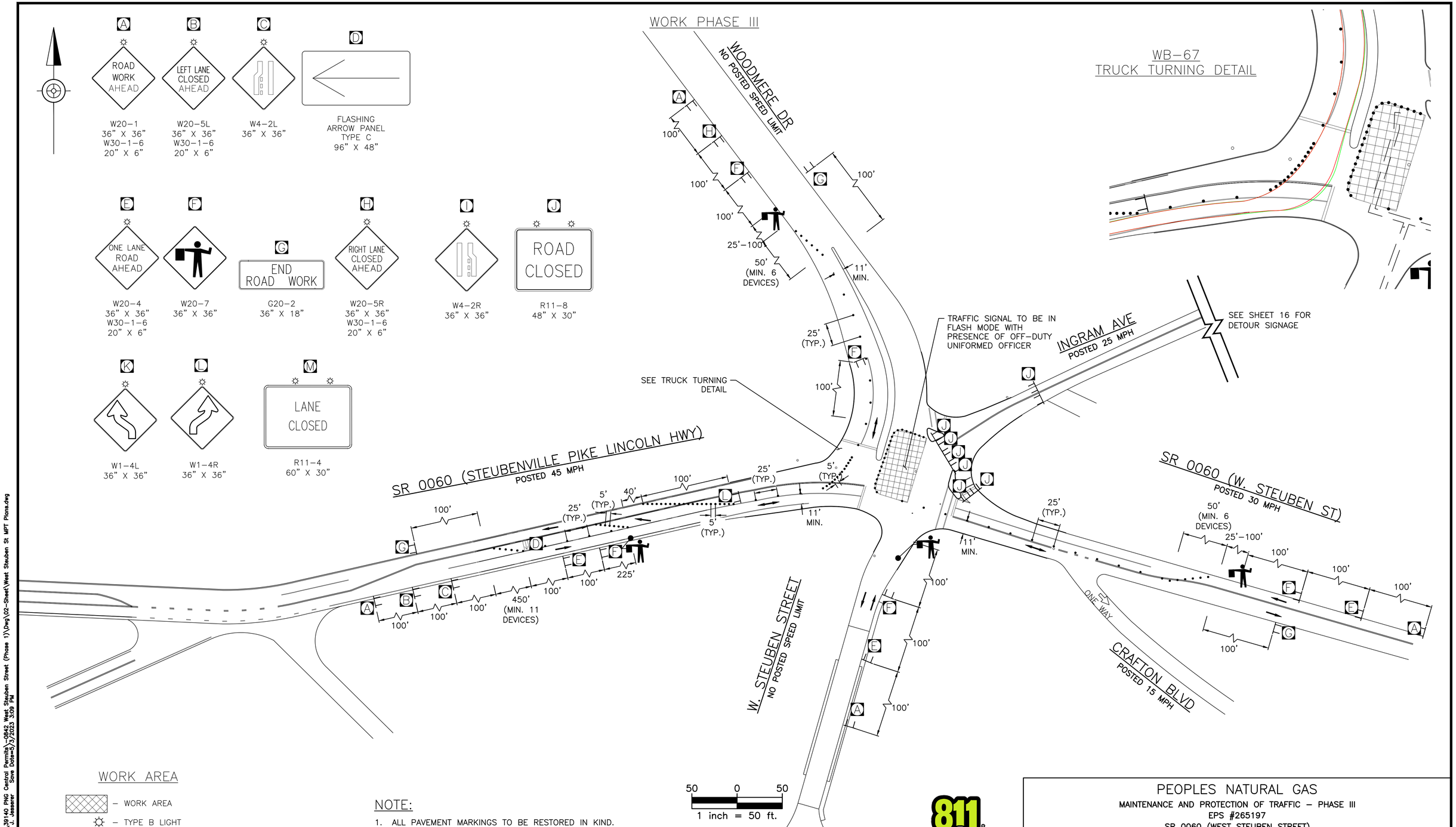

WORK AREA

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- ARROW PANEL
- TRAFFIC CIRCULATION ARROW

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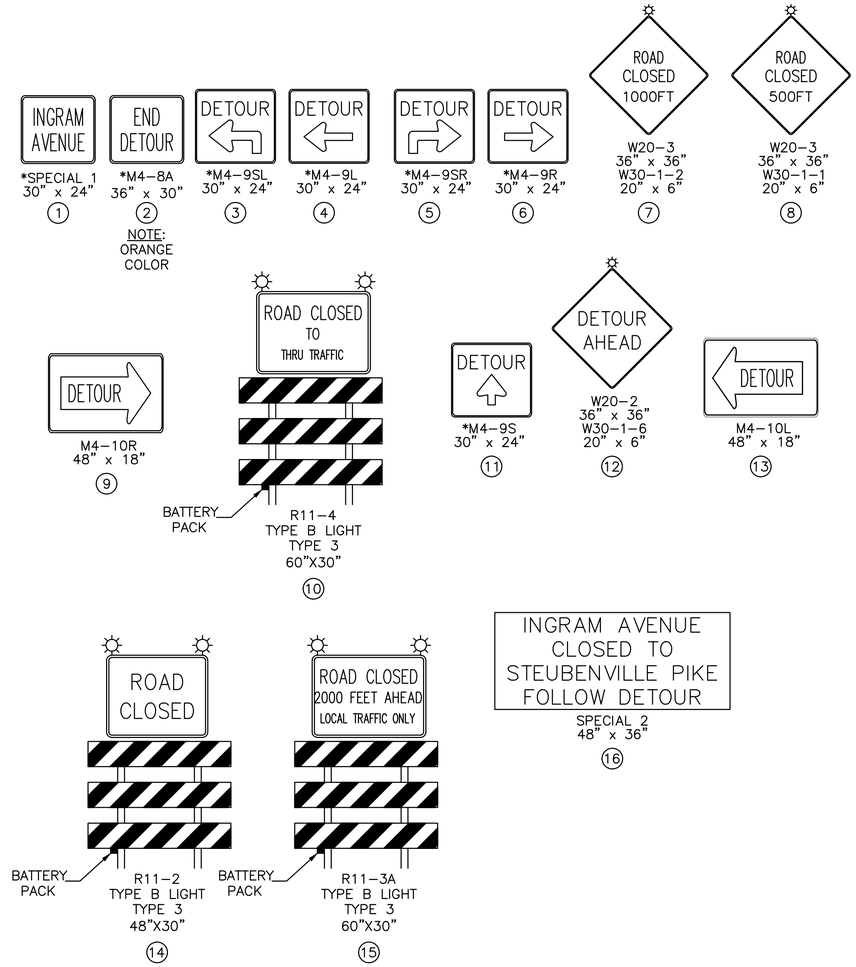
DETOUR PLAN
INGRAM AVENUE
N.T.S.



* DESIGNATES POST MOUNTED SIGN
** NOTE: SPECIAL SIGNS SHALL CONFORM TO THE FOLLOWING:
1. 6" SERIES TYPE B LETTERING
2. REDUCE LETTERING TO FIT ORANGE REFLECTORIZED BACKGROUND
3. BLACK LEGEND
4. SIZE AS NOTED

LEGEND

- ROADS AND STREETS
- DETOUR ROUTE SIGNING
- TYPE III BARRICADE
- CAPTURE ROUTE
- DETOUR ROUTE
- WORK AREA

811
Know what's **below.**
Call before you dig.
Serial No. 20220032816

REVISION DATE

PEOPLES NATURAL GAS

MAINTENANCE AND PROTECTION OF TRAFFIC – DETOUR PLAN
EPS #265197
SR 0060 (WEST STEUBEN STREET)

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CRAFTON BOROUGH
ALLEGHENY COUNTY
SHEET 17 OF 17
SCALE: AS NOTED

Path & Filename=G:\Projects\39000\39140 PNG Central Permits\-0842 West Steuben Street (Phase 1)\Dwg\02-Sheet\West Steuben St Detour Plan.dwg
Plot Date=4/13/2023 2:01 PM Daniel J. Jesserer Save Date=4/13/2023 1:50 PM
18.01