TRAFFIC CONTROL PLANS

NCHP PIPELINE REPLACEMENT, CENTRAL COLUMBUS

FRANKLIN COUNTY, OHIO



COUNTY MAP

NOT TO SCALE

PROJECT CONTACTS

RIGHT-OF-WAY PERMITTING

ENGINEER

METRO CONSULTING ASSOCIATES
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45345 FIVE MILE ROAD
PLYMOUTH, MI 48170
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CONTRACTOR

SUB-CONTRACTOR

TRAFFIC CONTROL NOTES

- 1. ACCESS TO ALL RESIDENTIAL AND COMMERCIAL DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. THIS DOES NOT APPLY TO THE SIDEWALK IN THE CLOSURE AREA.
- 2. ALL TRAFFIC CONTROL DEVICES AND THEIR USAGE SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), 2012 EDITION.
- 3. ALL EXISTING PAVEMENT MARKINGS THAT ARE REMOVED FOR TRAFFIC CONTROL OR OBLITERATED DURING CONSTRUCTION OPERATIONS SHALL BE REPLACED WITH WATERBORNE FOR THE LONGITUDINAL, LANE LINES AND OVERLAY COLD PLASTIC FOR SPECIAL MARKINGS (STOP BARS, ARROWS, ETC).
- 4. ANY PERMANENT ODOT SIGNS IMPACTED DURING CONSTRUCTION MUST BE REPLACED AT THE CONTRACTORS EXPENSE ON NEW SUPPORTS PER ODOT STANDARDS
- 5. ALL SIGN MATERIALS AND SUPPORTS MUST MEET NCHRP-350 CRASH WORTHY OR MASH REQUIREMENTS.
- 6. TEMPORARY WARNING, REGULATORY, AND GUIDE SIGNS NOT REQUIRED FOR A PARTICULAR LANE OR SHOULDER CLOSURE MUST BE REMOVED, COVERED OR LAID DOWN WITH THE LEGS REMOVED
- 7. DURING CONSTRUCTION AND LANE CLOSURES, ACCESS TO ALL BUSINESS AND RESIDENTIAL DRIVES MUST BE MAINTAINED AT ALL TIMES. IN ADDITION, ACCESS FOR EMERGENCY VEHICLES (FIRE, AMBULANCE, POLICE) SHALL BE MAINTAINED TO ADJACENT HOMES, BUSINESSES AND SUBDIVISIONS AT ALL TIMES.
- 8. FLAGGERS SHALL BE USED WHEN NECESSARY, IN CONJUNCTION WITH TEMPORARY TRAFFIC LIGHTS.



PROJECT NARRATIVE

THE PROJECT WILL INVOLVE THE INSTALLATION OF 4.2 MILES OF 20-INCH HIGH PRESSURI

PROJECT AREA SPANS ACROSS JURISDICTIONS OF FRANKLIN COUNTY.

THE PROJECT WILL OCCUR WITH ROAD CLOSURES IN SERIES BY WORKZONE.

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IN AN APPROXIMATE WAY ONLY A
HAVE NOT BEEN INDEPENDENTLY
VERIFIED. THE CONTRACTOR SHAL
DETERMINE THE EXACT LOCATION
ALL EXISTING UTILITIES BEFORE
COMMENCING WORK, AND AGREES
BE FULLY RESPONSIBLE FOR ANY
AND ALL DAMAGES WHICH MIGHT
OCCASIONED BY THE CONTRACTOR
FAILURE TO EXACTLY LOCATE AN
PRESERVE ANY AND ALL

CONSTRUCTION SITE SAFETY IS THE
RESPONSIBILITY OF THE
CONTRACTOR. NEITHER THE OWNER
NOR THE ENGINEER SHALL BE
EXPECTED TO ASSUME ANY
RESPONSIBILITY FOR SAFETY OF TH
WORK, OF PERSONS ENGAGED IN TH
WORK, OF ANY NEARBY
STRUCTURES, OR OF ANY OTHER

Revisions

DATE
DESCRIPTION

Dynamic, Daring, Diverse, DIFFERENT

Project Number | Date | 1037-23-11802 | 5/31/2023 | P.M. | Checked by | Drawn by | Crew/Book | CLA | CS | AA/DG | BOOK | CCA | CS | CCA | CS | CCA | CS | CCA | CC

CAMPOS, EPC

Project
NCH PIPELINE
REPLACEMENT CENTRAL
PHASE 1

Site Address
VARIES
COLUMBUS, OH ----

FRANKLIN COLUMBUS

Township Range Section

N/A N/A N/A

Professional Name Date
ANDREW WALTERS, PE 5/31/202

TRAFFIC CONTROL PLAN
COVER SHEET

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CALE 01

TEMPORARY TRAFFIC CONTROL

1. ALL TEMPORARY TRAFFIC CONTROL (TTC) DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (CURRENT EDITION). COPIES ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, OFFICE OF CONTRACTS, 1980 WEST BROAD STREET, COLUMBUS, OHIO 43223. NOTE: ALL DEVICES SHALL COMPLY, FOR CONDITION AND LOCATION, WITH THE CURRENT EDITION OF THE NCHRP 350 AND MASH CRASH TESTING GUIDELINES.

2. CONSTRUCTION OPERATIONS SHALL NOT BEGIN UNTIL ALL TRAFFIC CONTROL IS IN PLACE AND APPROVED BY THE DEPARTMENT OF PUBLIC SERVICE INSPECTOR. IF THE CONTRACTOR DOES NOT COMPLY WITH THE STANDARDS, INCLUDING THE INSTALLATION OF TEMPORARY PAVEMENT MARKINGS AND THE REMOVAL OF CONFLICTING TRAFFIC CONTROLS, THEIR PERMIT SHALL BE REVOKED AND ALL WORK SHALL BE TERMINATED. TEMPORARY PAVEMENT MARKINGS TO INCLUDE, BUT NOT LIMITED TO, CHANNELIZING LINES, EDGE LINES, AND CENTERLINES SHALL BE INSTALLED AND MAINTAINED ON ALL CONSTRUCTION OPERATIONS LASTING A MINIMUM OF 14 CALENDAR DAYS OR AS DIRECTED BY THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR THE PROJECT ENGINEER.

3. THE CONTRACTOR SHALL GIVE ADVANCE NOTIFICATION (WRITTEN AND VERBALLY) TO THE TEMPORARY TRAFFIC CONTROL COORDINATOR AT 614-645-0355 OR 614-645-5845 & THE DIVISION OF REFUSE COLLECTION'S OPERATION MANAGER AT 614-645-1675, WRITTEN NOTIFICATION TO PAVING THE WAY AT PAVINGTHEWAY@MORPC.ORG OR VERBAL TO (614)233-4200, PROJECT ENGINEER, AND THE SENIOR SERVICE PLANNER OF COTA AT 614-308-4373 OR FAX 614-275-5933, INFORMING THEM OF ALL UPCOMING MAINTENANCE OF TRAFFIC CHANGES ON A WEEKLY BASIS. NOTIFICATION SHALL INCLUDE, BUT NOT BE LIMITED TO, WHAT, WHERE, WHEN, AND HOW PEDESTRIAN AND VEHICULAR TRAFFIC WILL BE AFFECTED, AND THE TEMPORARY TRAFFIC CONTROL PROCEDURES THE CONTRACTOR IS PLANNING TO USE. THE TYPE OF TRAFFIC CHANGE SHALL DETERMINE THE LENGTH OF ADVANCE NOTIFICATION REQUIRED:

TYPE OF CHANGE NOTIFICATION NEEDED DETOURS/ROAD CLOSURES

30-DAY NOTIFICATION 2-WEEKS

<u>ADVANCE</u>

1-DAY

LANE CLOSURES LASTING 2 WEEKS OR MORE LANE CLOSURES OF LESS THAN 2 WEEKS

3-DAYS

LANE CLOSURES OF 2 DAYS OR LESS

PRIOR TO CLOSURE.

THE COTA SENIOR SERVICE PLANNER SHALL BE CONTACTED 30 DAYS PRIOR TO ANY PLANNED CLOSURE ON ASSIGNED COTA ROUTES. ANY OTHER UNFORESEEN IMPACTS TO TRAFFIC SHALL BE IMMEDIATELY REPORTED AS THEY OCCUR.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, AROUND, OR DETOURED AWAY FROM THE CONSTRUCTION SITE. TRAFFIC CONTROL FOR PEDESTRIAN MOVEMENT SHALL BE AS PER CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS, CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWINGS, AND FIGURES 6H-28 (TA-28) AND 6H-29 (TA-29) OF PART VI OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. WHEN NOT SHOWN ON A SIGNED PLAN, ALL SIDEWALK DIVERSIONS AND TEMPORARY MID-BLOCK CROSSINGS SHALL BE PRE-APPROVED BY THE PROJECT ENGINEER OR THE TEMPORARY TRAFFIC CONTROL COORDINATOR. ACCESS FOR PEDESTRIAN AND VEHICULAR TRAFFIC TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.

HOLIDAYS AND SPECIAL EVENTS

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING DESIGNATED HOLIDAYS OR SPECIAL EVENTS INCLUDING THE OHIO STATE FOOTBALL HOME GAMES. THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. CONTACT THE CITY OF COLUMBUS TEMPORARY TRAFFIC CONTROL COORDINATOR, 614-645-5845 OR CELL, 614-332-7472 FOR EVENT DATES, LOCATIONS, AND SCHEDULE. HOLIDAYS WILL CONSIST OF CHRISTMAS, NEW YEARS, FOURTH OF JULY-RED, WHITE AND BOOM FIREWORKS NIGHT (6:00AM-12MIDNIGHT), MEMORIAL DAY, LABOR DAY, AND THANKSGIVING. RED. WHITE AND BOOM. FIREWORKS CELEBRATION AND A MINIMUM OF ONE DAY PRIOR TO FIREWORKS NIGHT SHALL REQUIRE ALL TEMPORARY TRAFFIC CONTROL DEVICES TO BE REMOVED FROM THE PROJECT AREA AND PLACE EITHER IN A PRE-DETERMINED LOCATION APPROVED BY THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR COMPLETELY REMOVED FROM THE SITE.

2. THE CONTRACTOR SHALL CONTACT THE CITY OF COLUMBUS TEMPORARY TRAFFIC CONTROL COORDINATOR FOR ANY ADDITIONAL MOT REQUIREMENTS FOR SPECIAL EVENTS, INCLUDING OSU FOOTBAL HOME GAMES.

3. THE CONTRACTOR SHALL MAINTAIN ALL PERMANENT TRAFFIC CONTROLS NOT IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROLS THROUGHOUT THIS PROJECT. PERMANENT TRAFFIC CONTROLS MAY BE TEMPORARILY RELOCATED OR COVERED, AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR MISSING, DAMAGED, OR IMPROPERLY PLACED SIGNS.

4. ANY WORK DONE BY THE DEPARTMENT OF PUBLIC SERVICE, INCLUDING INSTALLATION, RELOCATION, REMOVAL AND/OR REPLACEMENT OF TEMPORARY TRAFFIC CONTROL DEVICES AS A RESULT OF WORK DONE BY THE CONTRACTOR OR AS A RESULT OF NEGLIGENCE OF THE CONTRACTOR, SHALL BE AT THE CONTRACTORS' EXPENSE.

5. THE ROADWAY SHALL NOT BE OPENED TO NON-CONSTRUCTION TRAFFIC UNTIL THE CRITICAL PERMANENT TRAFFIC CONTROLS ARE IN PLACE, OR UNTIL TEMPORARY TRAFFIC CONTROLS APPROVED BY THE ENGINEER, ARE INSTALLED. THE CRITICAL PERMANENT TRAFFIC CONTROLS ARE STOP, YIELD, ONE - WAY, DO NOT ENTER, RESTRICTED TURN SIGNS AND ALL STREET NAME SIGNS. OTHER CRITICAL SIGNS MAY BE NOTED ON THE PLANS AS WELL THE CONTRACTOR ASSUMES ALL LIABILITY FOR THE PREMATURE REMOVAL OF TEMPORARY TRAFFIC CONTROLS.

ITEM 614 - MAINTAINING TRAFFIC

1. ALL COSTS THAT CONSIST OF MAINTAINING AND PROTECTING VEHICULAR AND PEDESTRIAN TRAFFIC ACCORDING TO THE LATEST EDITION OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS, THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (OMUTCD), AND PER THE REQUIREMENTS DESIGNATED IN THE PLAN INCLUDING ALL LAW ENFORCEMENT OFFICER (LEO) AND FLAGGER HOURS SHALL BE INCLUDED IN THE LUMP SUM ITEM 614. IN ADDITION TO THE REQUIREMENTS HEREIN, AND THE LATEST EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, A UNIFORMED LAW ENFORCEMENT OFFICER (LEO) SHALL BE PROVIDED FOR CONTROLLING TRAFFIC UNDER THE FOLLOWING CONDITIONS:

WORK WITHIN A SIGNALIZED INTERSECTION, DEFINED AS THE AREA

BOUNDED BY THE REAR X—WALK LINES • WHEN FLAGGING WITHIN THE INTERSECTION OF TWO ARTERIAL ROADWAYS • WHEN SPECIFIED IN THE MAINTENANCE OF TRAFFIC PLAN OR AS WHEN

DIRECTED BY THE PROJECT ENGINEER • WHEN SHIFTING TRAFFIC LEFT OF CENTER, THROUGH A SIGNALIZED INTERSECTION, WITHOUT SHIFTING SIGNAL HEADS

2. A FLAGGER SHALL BE UTILIZED TO ASSIST IN CONTROLLING TRAFFIC WHILE EQUIPMENT IS ENTERING OR EXITING AN INTERSECTION OR WORK ZONE. THE CONTRACTOR MAY UTILIZE HIS OWN FLAGGER OR LEO UNDER PAY ITEM 614 MAINTAINING TRAFFIC, LUMP SUM. FLAGGERS AND LEO'S SHALL BE EQUIPPED ACCORDING TO THE STANDARDS FOR FLAGGING TRAFFIC CONTAINED IN THE OMUTCD. FLAGGING OPERATIONS PERFORMED BY LEO'S OR DESIGNATED FLAGGERS SHALL ONLY BE PERMITTED AS LONG AS ALL TRAFFIC CONTROL IS IN PLACE ACCORDING TO FIGURE 6H-10 (TA-10) IN THE OHIO MANUAL. PATROL CARS SHALL NOT BE USED IN FLAGGING OPERATIONS.

3. IF THE CONTRACTOR WISHES TO UTILIZE LEO'S WITH OR WITHOUT PATROL CARS FOR TRAFFIC CONTROL OTHER THAN FOR THAT REQUIRED IN THE PLANS. THEY MAY DO SO AT THEIR OWN EXPENSE. THE CONTRACTOR SHALL MAKE ARRANGEMENT THROUGH THE COLUMBUS POLICE DIVISION AT (614) 645-4795.

4. LEO'S SHALL BE CONSIDERED TO BE EMPLOYED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR ACTIONS. ALTHOUGH EMPLOYED BY THE CONTRACTOR, THE CITY REPRESENTATIVE SHALL HAVE CONTROL OVER THEIR PLACEMENT. LEO'S SHALL NOT HAVE THE AUTHORITY TO CHANGE, EDIT OR MODIFY ANY MAINTENANCE OF TRAFFIC SCHEME WITHOUT THE PERMISSION OF THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR PROJECT ENGINEER UNLESS AN EMERGENCY DEVELOPS.

5. IF A SAFETY HAZARD DEVELOPS, A LEO MAY BE ASSIGNED BY THE COLUMBUS PUBLIC SAFETY AND/OR THE PUBLIC SERVICE DIRECTOR AT THE CONTRACTOR'S EXPENSE.

TEMPORARY TRAFFIC CONTROL

APORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHALL BE INSTALLED A MINIMUM OF 7 DAYS PRIOR TO CLOSURE OF A ROADWAY. THE MESSAGE SHALL ADVISE THE MOTORIST OF THE DATES, TIMES, AND DURATION OF THE CLOSURE. THE PCMS SHALL REMAIN IN PLACE FOR 7 DAYS AFTER THE START OF THE CLOSURE

2. WHEN NOT INCLUDED IN A SIGNED PLAN, A TTC PLAN (TTCP) INCLUDING PEDESTRIAN CONTROL SHALL BE SUBMITTED TO THE TTC COORDINATOR AT 614-645-0355 OR 614-645-5845 AT THE PRE-CONSTRUCTION MEETING OR A MINIMUM OF TEN (10) WORKING DAYS PRIOR TO BEGINNING WORK FOR APPROVAL. COPIES OF THE APPROVED TTCP SHALL BE GIVEN TO THE PROJECT ENGINEER AND KEPT ON SITE ALONG WITH THE STREET CLOSURE/OCCUPANCY PERMIT.

3. TYPE C STEADY-BURN OR TYPE D 360-DEGREE STEADY-BURN WARNING LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS, AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT. ONLY 42" REFLECTORIZED CHANNELIZING DEVICES (CONES) SHALL BE PERMITTED FOR NIGHTTIME WORK WITH THE APPROVAL OF THE TTC COORDINATOR AT 614-645-0355 OR 614-645-5845 PER O.D.O.T. STANDARDS. 4. A FLASHING ARROW PANEL (48" X 96"-TYPE C) SHALL BE USED IN

LANE CLOSURES AS PER THE OHIO MANUAL. 5. ALL TRENCHES WITHIN THE ROAD RIGHT OF WAY SHALL BE BACKFILLED OR SECURELY PLATED PER (CITY OF COLUMBUS GENERAL POLICY ON STEEL PLATE USAGE DATED 11/15/2006 AND STD. DWG. 1441, LATEST EDITION) DURING NON-WORKING HOURS.

6. ALL EXISTING TRAFFIC LANES SHALL BE FULLY OPEN TO TRAFFIC AT ALL TIMES ON: ALL TRAFFIC LANES SHALL BE FULLY OPEN TO TRAFFIC FROM 6:00 A.M.

4:00 P.M. TO 6:00 P.M., OR 6:00 TO 9:00 A.M. TO 9:00 A.M. AND AND 3:00 TO 6:00 P.M. IN THE COLUMBUS BUSINESS DISTRICT (CBD) PARKING AREA, MONDAY THROUGH FRIDAY ON

_____LANE(S) MAY BE CLOSED TO TRAFFIC DURING WORKING HOURS.

8. ONE-WAY ____ LANE(S) OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON ______ 9. TWO-WAY, TWO-LANE (ONE-LANE EACH DIRECTION) TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF EXISTING, PROPOSED, OR TEMPORARY PAVEMENT PER CITY OF COLUMBUS MAINTENANCE OF TRAFFIC, STANDARD CONSTRUCTION DRAWING 1510 AND FIGURE 6H-32 TYPICAL APPLICATION 32 (TA-32) OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. 10. TWO-WAY, ONE-LANE TRAFFIC MAY BE MAINTAINED DURING CONSTRUCTION OPERATIONS ON _ CITY OF COLUMBUS MAINTENANCE OF TRAFFIC, STANDARD CONSTRUCTION

___ AND ______ FOR A MAXIMUM

DRAWING 1550 AND FIGURE 6H-10 (TA-10) OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. 11. _____ MAY BE CLOSED BETWEEN

OF ____ HOUR(S)/DAY(S) BETWEEN THE HOURS OF _

____ PER THE CITY OF COLUMBUS MAINTENANCE OF TRAFFIC, STANDARD CONSTRUCTION DRAWING 1540 AND FIGURE 6H-20 (TA-20) OF THE OHIO MANUAL AND/OR APPROVED BY THE DEPARTMENT OF PUBLIC SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS IN PROVIDING DETOUR INCLUDING THE REMOVAL AND REINSTALLATION OF ANY CONFLICTING TRAFFIC CONTROL AND/OR ANY NECESSARY TRAFFIC SIGNAL WORK. 12. A TEMPORARY DIVERSION SHALL BE PROVIDED AND MAINTAINED IN GOOD CONDITION ON _____ DURING THE PERIOD OF WORK. ALL SUCH DIVERSIONS SHALL BE IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. 13. THE DEPARTMENT OF PUBLIC SERVICE WILL REMOVE OR COVER ALL PARKING METER HEADS PUT OUT OF SERVICE BY THIS PROJECT. THERE IS A \$60.00 DOLLAR CHARGE FOR THE REMOVAL AND REINSTALLATION OF EACH METER. IN ADDITION, A DAILY METER FEE WILL BE CHARGED FOR ALL ENFORCEMENT HOURS FOR EACH METER TAKEN OUT OF SERVICE. SEE THE PARKING METER OUT OF SERVICE FEES NOTE FOR MORE INFORMATION AND THE CALCULATION OF METERS TAKEN OUT OF SERVICE, PLUS THE METER POST AND CORE NOTE. THESE CHARGES WILL BE COLLECTED FROM THE CONTRACTOR IN ADVANCE WITH THE ISSUANCE OF THE STREET OCCUPANCY/EXCAVATION PERMIT FROM THE DEPARTMENT OF PUBLIC SERVICE'S PERMIT OFFICE. (614-645-7497) PARKING SERVICES SHALL BE TO BE INCLUDED IN THE BID FOR THIS PROJECT AS A PART OF ITEM 614 MAINTENANCE OF TRAFFIC, LUMP SUM. 14. FOR MOBILE PAYMENT ONLY ZONES, PLEASE REVIEW THE POSTED

NOTIFIED A MINIMUM OF FORTY-EIGHT (48) HOURS (EXCLUDING SAT, SUN, & HOLIDAYS) PRIOR TO BEGINNING WORK. CALL 614-645-4072. THIS COST IS MOBILE PAYMENT ZONE SIGN AND PROVIDE THE MOBILE PAYMENT ZONE NUMBER FOR THE PARKING SPACE(S) THAT WILL BE REMOVED FROM SERVICE. IF "TICK-MARKS" ARE INCLUDED WITHIN THE PARKING ZONE, THEN COUNT THE NUMBER OF SPACES NEEDED TO BE OUT OF SERVICE. IF NO "TICK-MARKS" ARE WITHIN THE PARKING ZONE, THEN CALCULATE THE NUMBER OF "SPACES" NEEDED BY USING 20 FEET PER SPACE. ONCE ALL THE INFORMATION LISTED ABOVE HAS BEEN COLLECTED FOR THE PAID PARKING TO BE REMOVED FROM SERVICE, CONTACT THE CITY OF COLUMBUS, DIVISION OF PARKING SERVICES AT PARKINGSERVICES@COLUMBUS.GOV FOR ASSISTANCE WITH ESTIMATING THE DAILY PAID PARKING REVENUE RATE. PROVIDE THE PROJECT LOCATION IN THE SUBJECT LINE OF THE EMAIL. THE ONLINE METER MAP WILL ALSO INCLUDE THE HOURLY RATE FOR MOBILE PAYMENT ZONES. THIS COST IS TO BE INCLUDED IN THE BID FOR THIS PROJECT AS A PART OF ITEM 614 MAINTENANCE OF TRAFFIC, LUMP SUM. AT THE TIME THE CONTRACTOR SUBMITS FOR THE STREET OCCUPANCY/EXCAVATION PERMIT, ALONG WITH THE PAID PARKING IDENTIFICATION NUMBERS TO BE INCLUDED ON THE PERMIT

REQUEST FORM, THE CONTRACTOR IS TO PROVIDE A LISTING OF THE METER

IDENTIFICATION NUMBERS AND/OR MOBILE PAYMENT ONLY ZONE NUMBERS AND THE NUMBER OF DAYS THAT EACH PAID PARKING SPACE IS TO BE OUT OF SERVICE, TO THE DEPARTMENT OF PUBLIC SERVICE PERMIT OFFICE. THE PERMIT OFFICE WILL VERIFY THAT THE HOURLY RATES ARE CORRECT AND

CALCULATE THE COST OF THE PERMIT.

15. TEMPORARY "EMERGENCY NO PARKING" SIGNS SHALL BE INSTALLED BY THE CONTRACTOR IN AREAS WITH NO PARKING METERS AND TO REMOVE PARKING FROM SERVICE IN AREAS WHERE PARKING METERS, KIOSKS, AND OR MOBILE PAYMENT ZONE(S) PARKING HAS BEEN TAKEN OUT OF SERVICE. THE SIGNS SHALL SHOW THE PERMIT NUMBER, INSTALLATION DATE, WORKING DATES, AND HOURS OF RESTRICTION ON EACH SIGN. SIGNS SHALL BE POSTED AT 50' C/C MINIMUM BY USE OF ANY OF THE FOLLOWING ITEMS: EXISTING SIGN POSTS, EXISTING UTILITY POLES, DRUMS AND/OR 42"CONES AND REMOVED BY THE CONTRACTOR IN AREAS WITH NO PARKING METERS. THE TEMPORARY SIGN(S) SHALL HAVE THE INSTALLATION DATE, WORKING DATES, AND HOURS OF RESTRICTION SHOWN ON EACH SIGN. THESE SIGNS MAY BE OBTAINED FROM THE DEPARTMENT OF PUBLIC SERVICE'S PERMIT OFFICE. THE POLICE DIVISION REQUIRES THE "EMERGENCY NO PARKING" SIGNS BE POSTED A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY VEHICLES BEING TOWED. WITHIN TWENTY-FOUR (24) HOURS OF POSTING, THE CONTRACTOR SHALL SUPPLY THE DEPARTMENT OF PUBLIC SERVICE WITH A WRITTEN RECORD OF POSTED LOCATIONS (FAX: 614-645-3298). 16. THE CONTRACTOR SHALL CONTACT OHIO UTILITY PROTECTION SERVICE (OUPS), NOW "OHIO 811" TO LOCATE AND MARK ALL UNDERGROUND TRAFFIC CONTROL CABLES PRIOR TO THE BEGINNING OF ANY WORK WITHIN 450 FEET OF ANY SIGNALIZED INTERSECTION(S) OR WITHIN ANY POSTED AREA WHERE THE DEPARTMENT HAS UNDERGROUND CABLE. THE SIGNAL OPERATION ENGINEER (614-645-6418) SHALL BE NOTIFIED SIX (6) WEEKS IN ADVANCE FOR SIGNAL REVISIONS OR POLE RELOCATIONS. 17. THE CONTRACTOR SHALL CONTACT THE DIVISION OF REFUSE COLLECTION, OPERATIONS MANAGER MICHAEL PICKARD, 614-645-1675. 18. NO EXCAVATION SHALL BE MADE WITHIN FIVE (5) FEET OF ANY

FOUNDATION THAT SUPPORTS SIGNAL POLES, TRAFFIC SIGNAL DISPLAYS OR SIGNS BY MAST ARM OR SIGNAL SPAN. EXCAVATION WITHIN EIGHT (8) FEET, BUT MORE THAN FIVE (5) FEET SHALL REQUIRE ADDITIONAL SUPPORT (DOWN GUY, HEAD GUY, BASE GUY, ETC.). THE CONTRACTOR SHALL CONTACT SIGNAL OPERATION PERSONNEL AT 614-645-0423(CELL 614-419-4501) AT LEAST FORTY-EIGHT (48) HOURS (EXCLUDING SAT. & SUN.) PRIOR TO THE BEGINNING OF SUCH EXCAVATION SO THAT THE CITY CAN APPROVE THE STABILIZATION SETUP BY THE CONTRACTOR. IF UNABLE TO MAKE CONTACT THROUGH ABOVE NUMBERS, CALL 614-645-7393. STABILIZATION WILL BE DONE BY THE CONTRACTOR AT THE OWNERS'/CONTRACTING AGENCY'S EXPENSE.

19. SIGNAL CONDUIT CLEARANCE 3' HORIZONTAL AND 1' VERTICAL FROM ADJACENT UTILITIES SHALL BE MAINTAINED AT ALL TIMES. 20. WHEN ANY TRAFFIC CONTROL DEVICE, CONDUIT, OR CABLE IS DAMAGED, THE CONTRACTOR SHALL NOTIFY SIGNAL OPERATION PERSONNEL AT 614-645-0423 (CELL 614-419-4501) BETWEEN 7:00 AM AND 4:00 PM, MONDAY THROUGH FRIDAY. IF UNABLE TO MAKE CONTACT THROUGH THE

OTHER NUMBERS, CALL 614-645-7393. 21. THE ROADWAY OR ANY SECTION OF ROADWAY SHALL NOT BE OPENED TO NON-CONSTRUCTION TRAFFIC UNTIL ALL TEMPORARY, NON-REFLECTIVE, BLACKOUT TAPE HAS BEEN COMPLETELY REMOVED FROM NON-CONFLICTING PERMANENT PAVEMENT MARKINGS FOR THAT AREA OF THE ROADWAY, OR UNLESS OTHERWISE DIRECTED IN WRITING BY THE ENGINEER. THIS IS SUPPLEMENTAL TO CITY OF COLUMBUS, CMS-614.11- G. AND SHALL BE PAID FOR THROUGH THE 614-LUMP SUM.

22. WHENEVER YELLOW CENTERLINES OR TURN-LANE LINES ARE PAVED OVER, REMOVED, OR OTHERWISE UNSERVICEABLE, THE CONTRACTOR SHALL INSTALL CLASS II TEMPORARY STRIPING (MINIMUM 4' LONG SEGMENTS). TEMPORARY PAINT SHALL BE USED ON ALL MILLED SURFACES. TEMPORARY TAPE SHALL BE USED ON ALL FINAL COURSES OF ASPHALT. PAINT OR TAPE MAY BE USED ON INTERMEDIATE COURSES OF ASPHALT. IF APPROVED BY THE ENGINEER, DRUMS WITH STEADY BURNING TYPE C OR TYPE D 360 DEGREE WARNING LIGHTS AND "KEEP RIGHT" SIGNS MAY BE SUBSTITUTED FOR

CENTERLINE MARKINGS. 23. CLASS II TEMPORARY STRIPING (MINIMUM 4' LONG SEGMENTS) SHALL BE AS PER ITEM 614 - WORK ZONE PAVEMENT MARKING AND SHALL BE PLACED WITHIN ONE (1) FOOT LONGITUDINAL TOLERANCE OF THE PERMANENT STRIPE(S). ALL TEMPORARY STRIPING NOT TO WITHIN ONE (1) FOOT TOLERANCE SHALL BE REMOVED AND REPLACED IN THE PROPER LOCATION BY THE CONTRACTOR. CLASS II TEMPORARY STRIPING SHALL BE OF THE APPROPRIATE COLOR AND SPACED A MAXIMUM OF FORTY (40) FEET CENTER TO CENTER

EXISTING PERMANENT TRAFFIC CONTROL

1. ANY WORK DONE BY THE DEPARTMENT OF PUBLIC SERVICE, INCLUDING INSTALLATION, RELOCATION, REMOVAL AND/OR REPLACEMENT OF PERMANENT TRAFFIC CONTROL DEVICES AS A RESULT OF WORK DONE BY THE CONTRACTOR OR AS A RESULT OF NEGLIGENCE OF THE CONTRACTOR, SHALL BE AT THE CONTRACTORS' EXPENSE.

. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REINSTALLATION AND/OR REPLACEMENT OF ALL PERMANENT TRAFFIC CONTROL DEVICES DAMAGED OR REMOVED DURING CONSTRUCTION. PERMANENT TRAFFIC CONTROL NO LONGER IN CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE REPLACED

 THE CONTRACTOR SHALL REPLACE ALL PAVEMENT MARKINGS, INCLUDING RAISED PAVEMENT MARKERS (RPM) SHOWN IN CONFLICT, REMOVED DUE TO CONSTRUCTION OR MAINTENANCE OF TRAFFIC SET UP, DESTROYED, OR RENDERED UNSERVICEABLE BY THE PROJECT ENGINEER OR THE PUBLIC SERVICE PAVEMENT MARKING MANAGER. ALL PAVEMENT MARKING MATERIALS SHALL BE REPLACED IN-LIKE KIND TO THE CURRENT CMSC SPECIFICATION REQUIREMENTS IF NOT SHOWN IN THE PLAN OR PERMIT INCLUDING RAISED PAVEMENT MARKERS. ALL PAVEMENT MARKINGS SHALL BE REPLACED IN FULL. NO PARTIAL LENGTH OR SECTIONS OF PAVEMENT MARKINGS SHALL BE REPLACED WITHOUT REMOVING THE ENTIRE MARKING BY USE OF THE WATER BLAST METHOD. REMOVAL BY ABRASIVE WHEEL GRINDING SHALL ONLY BE APPROVED BY THE PUBLIC SERVICE PAVEMENT MARKING MANAGER.

EXISTING PERMANENT TRAFFIC CONTROL

1. ALL OVERHEAD CABLE, AND DOWN GUYS OR BACK GUYS SHALL NOT BLOCK ANY PORTION OF A TRAFFIC SIGNAL, TRAFFIC CONTROL SIGN, OR OTHER TRAFFIC CONTROL DEVICE SUCH THAT VISIBILITY OR OPERATION OF THE TRAFFIC CONTROL DEVICE IS IMPAIRED.

2. ALL PERMANENT PAVEMENT MARKINGS AND TRAFFIC CONTROL SIGNS AS SHOWN ON THIS PLAN SHALL BE INSTALLED BY THE CONTRACTOR AT THE PROJECTS EXPENSE. THE PROJECT ENGINEER SHALL BE NOTIFIED TO DIRECT APPROPRIATE PERSONNEL A MINIMUM OF FORTY-EIGHT (48) HOURS (EXCLUDING SAT. & SUN.) PRIOR TO THE INSTALLATION OF PERMANENT MARKINGS TO INSPECT AND APPROVE THE PAVEMENT MARKING LAYOUT PRIOR TO PLACING THE PERMANENT MARKINGS.

3. PERMANENT STRIPING OR CLASS I TEMPORARY STRIPING SHALL BE INSTALLED NO LATER THAN FOURTEEN (14) CALENDAR DAYS AFTER THE FINAL PAVING COURSE IS COMPLETED. THE PAVING CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE STRIPING CONTRACTOR TO INSURE THE PERMANENT STRIPING IS INSTALLED WITHIN THE FOURTEEN (14) CALENDAR

IF THE DEPARTMENT OF PUBLIC SERVICE IS TO INSTALL PERMANENT STRIPING, THE PROJECT ENGINEER SHALL BE NOTIFIED TO DIRECT APPROPRIATE PERSONNEL A MINIMUM OF TEN (10) WORKING DAYS PRIOR TO THE APPLICATION OF THE FINAL COURSE OF PAVEMENT.

Call before you dig.

THE LOCATIONS OF EXISTING JNDERGROUND UTILITIES ARE SHOWN N AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION O ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES T BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

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DATE DESCRIPTION



1037-23-11802 5/31/2023 |Checked by |Drawn by | Crew/Book CLA CS AA/DG BOOK

CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

te Address VARIFS COLUMBUS, OH ----

FRANKLIN COLUMBUS N/A N/A N/A

ANDREW WALTERS, PE 5/31/202

TRAFFIC CONTROL PLAN **NOTES**

Sheet Number

02 NOT TO SCALE





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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

County FRANKLIN Community COLUMBUS

Township Range Section N/A N/A N/A

Professional Name | Date | ANDREW WALTERS, PE | 5/31/2023

WORK ZONE 1 WORK ZONE 1 - OVERALL
MAP

LEGEND

→ EXISTING TRAFFIC FLOW - TYPE A WARNING FLASHER PROPOSED TRAFFIC FLOW

STAGING AREA LIGHTED ARROW PANNEL WORK ZONE

TYPE III BARRICADE

TRAFFIC BARREL TRAFFIC SHIFT

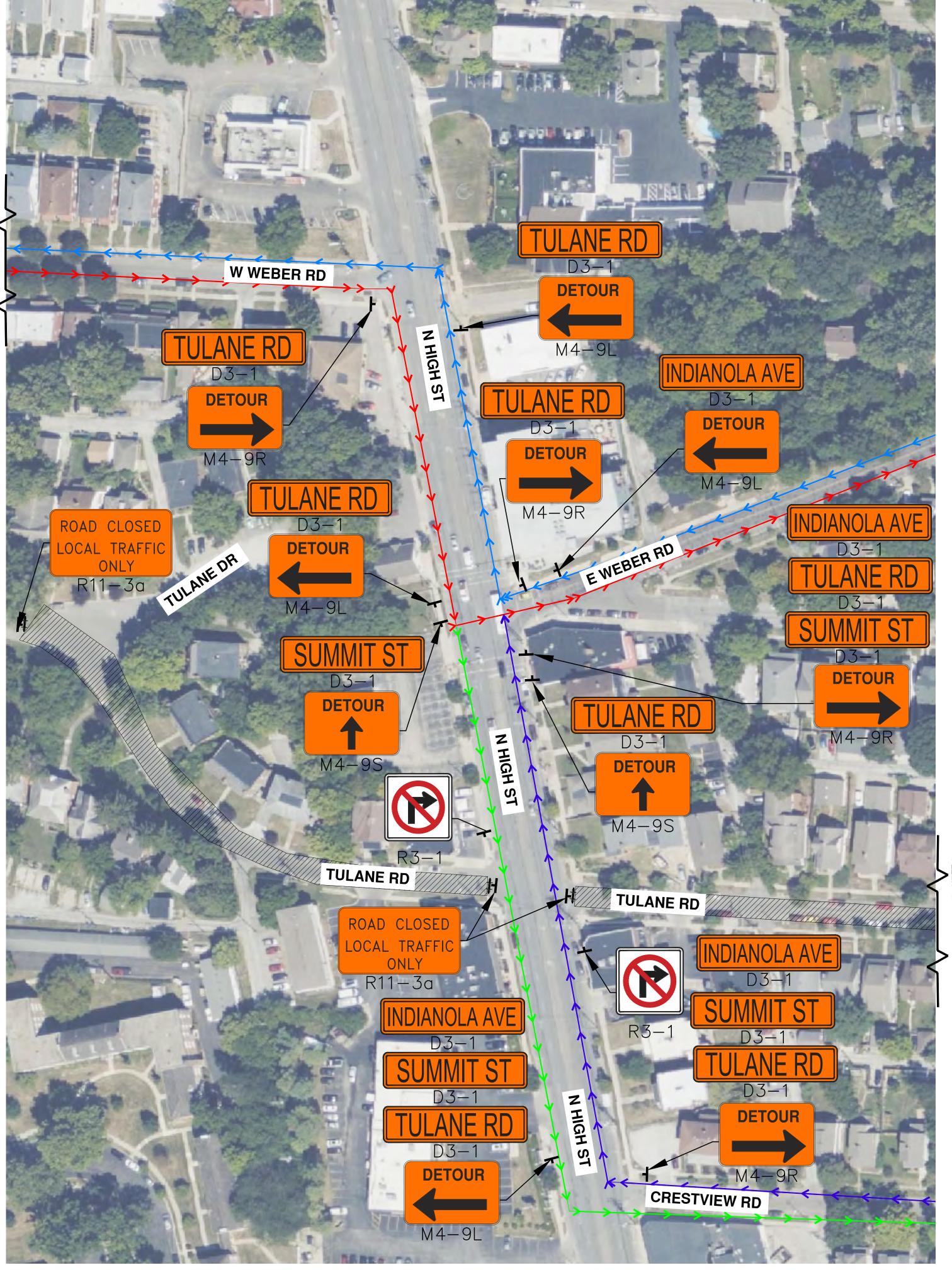
PARKING METER

>-> DETOUR ROUTE

FLAGGER

JERSEY BARRIER





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Professional Name
ANDREW WALTERS, PE 5/31/202

WORK ZONE 1 WORK ZONE 1 - TRAFFIC CONTROL PLAN

LEGEND

EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW PAVEMENT MARKING

LIGHTED ARROW PANNEL WORK ZONE TYPE III BARRICADE TRAFFIC BARREL

TRAFFIC SHIFT

PARKING METER

-☆- TYPE A WARNING FLASHER STAGING AREA

>-> DETOUR ROUTE JERSEY BARRIER FLAGGER

STREET NAME D3-1 20 DETOUR - LEFT ARROW M4-9L 6 DETOUR -STRAIGHT ARROW M4-9S 2 DETOUR - RIGHT ARROW M4-9R 5 NO RIGHT TURN R3-1 2 ROAD CLOSED LOCAL R11-3A TRAFFIC ONLY DETOUR AHEAD W20-2

ROAD CLOSED AHEAD

CODE:

W20 - 3





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Professional Name Date
ANDREW WALTERS, PE 5/31/202

WORK ZONE 1 WORK ZONE 1 - TRAFFIC CONTROL PLAN

Sheet Number

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW PAVEMENT MARKING LIGHTED ARROW PANNEL

TRAFFIC BARREL

TYPE III BARRICADE TRAFFIC SHIFT

MATERIAL LIST

QTY:

36

12

CODE:

D3 - 1

M4-9S

M4-10L

R11-2

R11-3A

W20-2

W20-3

-X TYPE A WARNING FLASHER

STAGING AREA

>-> DETOUR ROUTE JERSEY BARRIER

WORK ZONE

FLAGGER

PARKING METER





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Community COLUMBUS FRANKLIN Township Range Section N/A N/A N/A

MATERIAL LIST			
SIGN:	CODE:	QTY:	
STREET NAME	D3-1	24	
DETOUR -STRAIGHT ARROW	M4-9S	8	
DETOUR — LEFT ARROW	M4-10L	2	
ROAD CLOSED	R11-2	4	
ROAD CLOSED LOCAL TRAFFIC ONLY	R11-3A	4	

LEGEND

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW
PAVEMENT MARKING
LIGHTED ARROW PANNEL
TYPE III BARRICADE

FLASHER
STAGING AREA

WORK ZONE
TYPE III BARRICADE

TRAFFIC BARREL

TRAFFIC SHIFT

PARKING METER

SIGN

TYPE A WARNING FLASHER

>-> DETOUR ROUTE JERSEY BARRIER FLAGGER

WORK ZONE 1 WORK ZONE 1 - TRAFFIC CONTROL PLAN

Professional Name
ANDREW WALTERS, PE 5/31/2023

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FRANKLIN COLUMBUS

Township Range Section N/A N/A

Professional Name Date
ANDREW WALTERS, PE 5/31/202

WORK ZONE 1 WORK ZONE 1 - TRAFFIC CONTROL PLAN

Sheet Number

LEGEND

→ EXISTING TRAFFIC FLOW → PROPOSED TRAFFIC FLOW PAVEMENT MARKING TYPE III BARRICADE

TRAFFIC BARREL

STAGING AREA WORK ZONE LIGHTED ARROW PANNEL >-> DETOUR ROUTE

MATERIAL LIST

CODE:

D3-1

M4-9L

M4-9S

M4-9R

M4-10L

M4-10R

R11-2

R11-3A

W20-2

W20 - 3

TRAFFIC SHIFT PARKING METER

QTY:

17

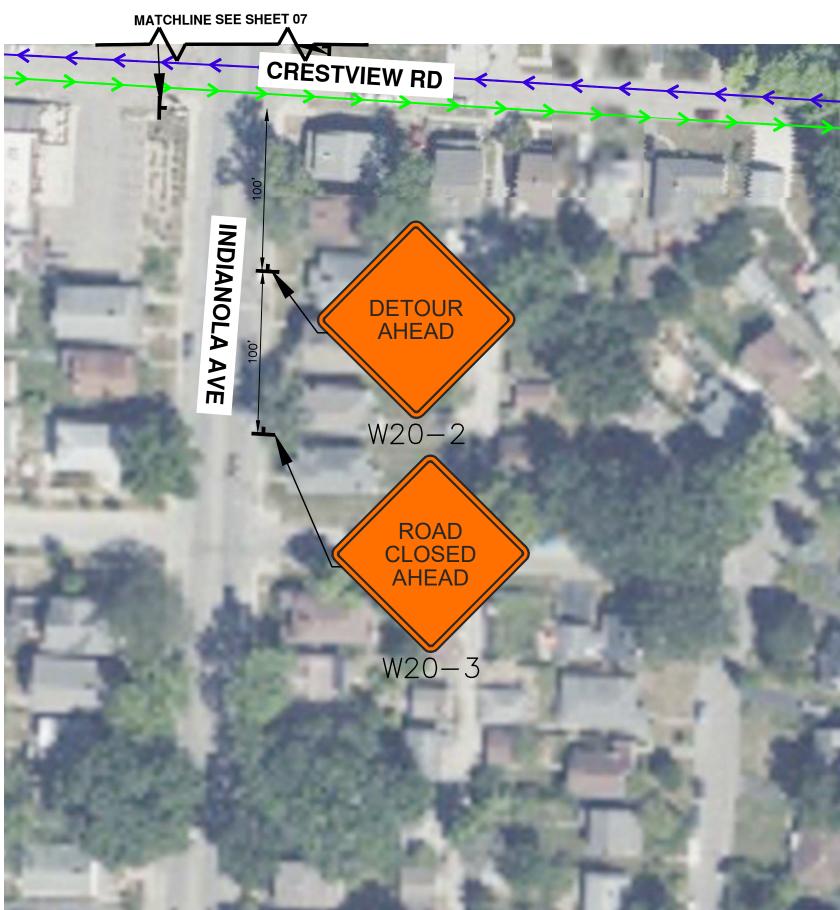
4

2

4

-☆- TYPE A WARNING FLASHER







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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

Site Address VARIES COLUMBUS, OH ----County FRANKLIN

Community COLUMBUS Township Range Section N/A N/A N/A

SIGN: CODE: DETOUR AHEAD W20-2ROAD CLOSED AHEAD W20-3

MATERIAL LIST

LEGEND

PROPOSED TRAFFIC FLOW

STAGING AREA PAVEMENT MARKING

LIGHTED ARROW PANNEL

TYPE III BARRICADE

STAGING ARE

WORK ZONE → SIGN

TRAFFIC BARREL

TRAFFIC SHIFT

PARKING METER

JERSEY BARRIER

FLAGGER

QTY:

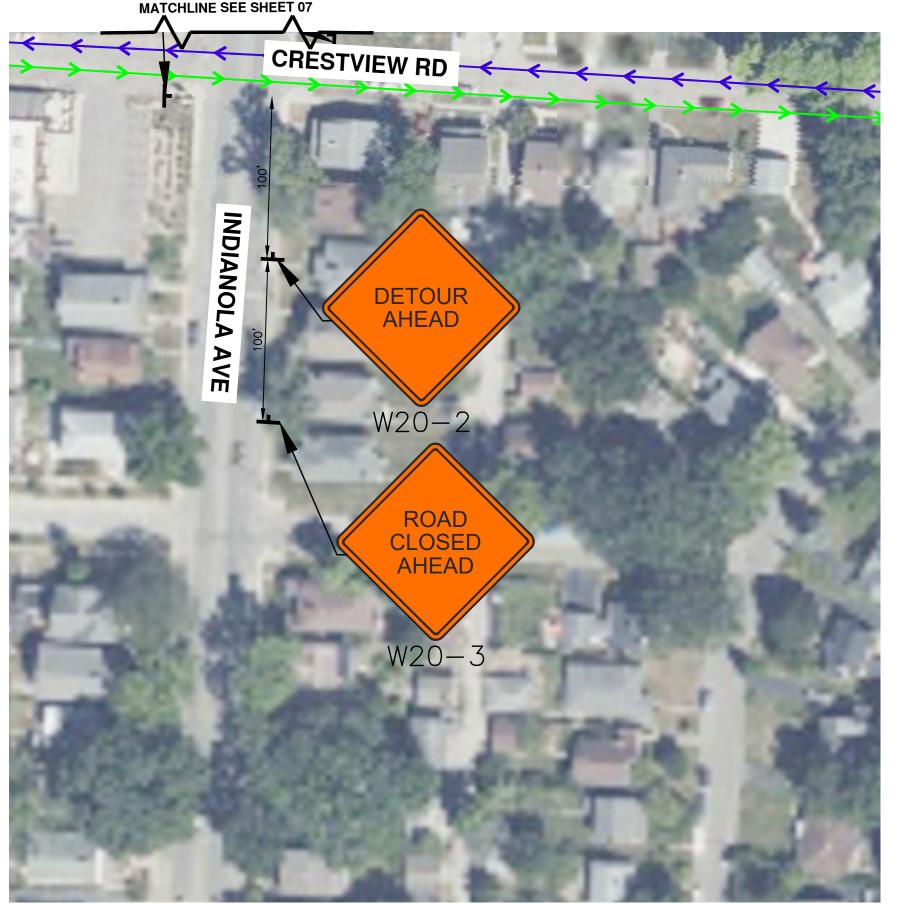
-> EXISTING TRAFFIC FLOW -X- TYPE A WARNING FLASHER >-> DETOUR ROUTE

WORK ZONE 1 WORK ZONE 1 - TRAFFIC CONTROL

Sheet Number

Professional Name
ANDREW WALTERS, PE 5/31/2023







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NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

County FRANKLIN

Community COLUMBUS Township Range Section N/A N/A N/A

Professional Name Date
ANDREW WALTERS, PE 5/31/2023

WORK ZONE 3 WORK ZONE 2 - OVERALL MAP

LEGEND

→ EXISTING TRAFFIC FLOW → PROPOSED TRAFFIC FLOW STAGING AREA

LIGHTED ARROW PANNEL
TYPE III BARRICADE

→ SIGN TRAFFIC BARREL TRAFFIC SHIFT PARKING METER

>-> DETOUR ROUTE JERSEY BARRIER FLAGGER

WORK ZONE

-X- TYPE A WARNING FLASHER



WORK ZONE 2 - TRAFFIC CONTROL PLAN

TYPE III BARRICADE

TRAFFIC BARREL

TRAFFIC SHIFT

PARKING METER

ROAD CLOSED

TRAFFIC ONLY

DETOUR AHEAD

ROAD CLOSED LOCAL

ROAD CLOSED AHEAD

R11-2

R11-3A

W20-2

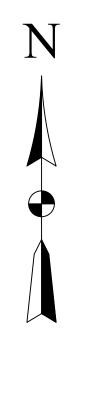
W20-3

>>> DETOUR ROUTE

FLAGGER

JERSEY BARRIER

Sheet Number



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NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

Site Address VARIES COLUMBUS, OH ----

Community COLUMBUS FRANKLIN Township Range Section N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/202 -☆- TYPE A WARNING FLASHER

WORK ZONE 3 **WORK ZONE 2 - TRAFFIC**

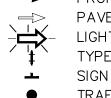
CONTROL PLAN



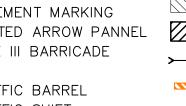


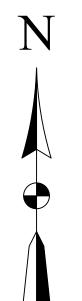
LEGEND

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA



LIGHTED ARROW PANNEL TYPE III BARRICADE TRAFFIC BARREL TRAFFIC SHIFT PARKING METER







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NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

Site Address

VARIES COLUMBUS, OH ----County FRANKLIN

Community COLUMBUS Township Range Section N/A N/A N/A

Professional Name Date
ANDREW WALTERS, PE 5/31/2023 -X- TYPE A WARNING FLASHER

WORK ZONE

FLAGGER

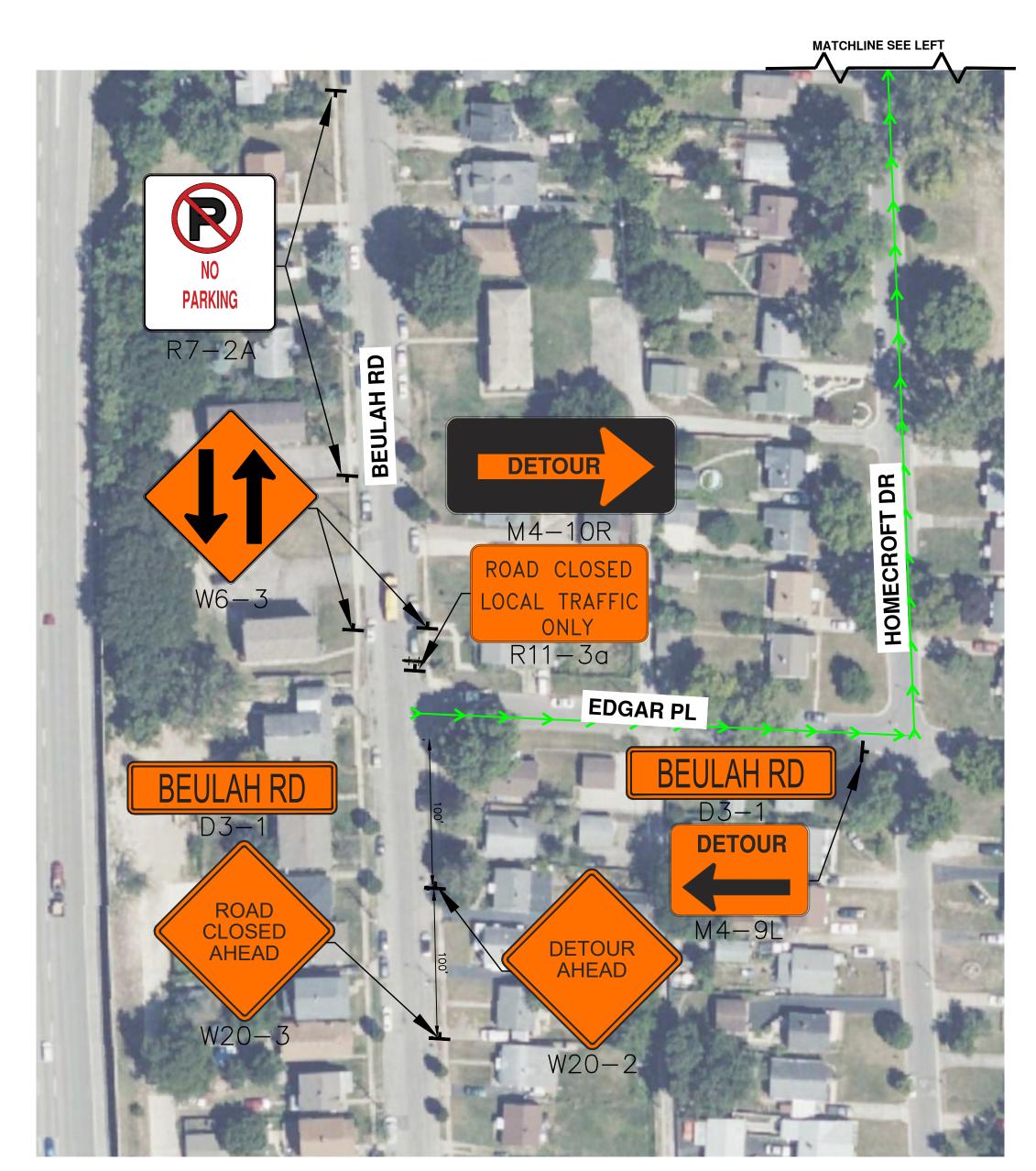
>-> DETOUR ROUTE

JERSEY BARRIER

WORK ZONE 3 **WORK ZONE 2 - TRAFFIC** CONTROL PLAN

Sheet Number





MATERIAL LIST		
SIGN:	CODE:	QTY:
STREET NAME	D3-1	2
END DETOUR	M4-8A	1
DETOUR - LEFT ARROW	M4-9L	1
DETOUR - RIGHT ARROW	M4-10R	1
NO PARKING	R7-2A	3
ROAD CLOSED	R11-2	1
ROAD CLOSED LOCAL TRAFFIC ONLY	R11-3A	1
TWO WAY TRAFFIC	W6-3	2
DETOUR AHEAD	W20-2	1
ROAD CLOSED AHEAD	W20-3	1

LEGEND

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA

LIGHTED ARROW PANNEL TYPE III BARRICADE TRAFFIC BARREL

TRAFFIC SHIFT

METER PARKING METER



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NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

Township Range Section
N/A N/A N/A

TYPE A WARNING FLASHER

>->> DETOUR ROUTE

FLAGGER

JERSEY BARRIER

Professional Name
ANDREW WALTERS, PE 5/31/202

WORK ZONE 4 WORK ZONE 3 - OVERALL
MAP

LEGEND

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA PAVEMENT MARKING

LIGHTED ARROW PANNEL TYPE III BARRICADE TRAFFIC BARREL

TRAFFIC SHIFT

PARKING METER



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Township Range Section N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/2023

WORK ZONE 4 WORK ZONE 3 - TRAFFIC

CONTROL PLAN

Sheet Number



→ EXISTING TRAFFIC FLOW → PROPOSED TRAFFIC FLOW

MATERIAL LIST

CODE:

D3-1

M4-9L

M4-9R

M4-10L

M4-10R

R11-2

R11-3A

W4-2R

W20-1

W20-4

QTY:

3

2

4

1

-☆- TYPE A WARNING FLASHER

STAGING AREA

WORK ZONE

FLAGGER

>-> >> DETOUR ROUTE

JERSEY BARRIER

STREET NAME

ROAD CLOSED

TRAFFIC ONLY MERGE LEFT

DETOUR — LEFT ARROW

DETOUR - RIGHT ARROW

DETOUR — LEFT ARROW

DETOUR - RIGHT ARROW

ROAD CLOSED LOCAL

ROAD WORK AHEAD

ONE LANE ROAD AHEAD

PAVEMENT MARKING LIGHTED ARROW PANNEL TYPE III BARRICADE SIGN TRAFFIC BARREL

TRAFFIC SHIFT PARKING METER

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MATCHLINE SEE SHEET 20





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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

ite Address VARIES COLUMBUS, OH ----

County FRANKLIN

Community COLUMBUS

Township Range Section N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/202

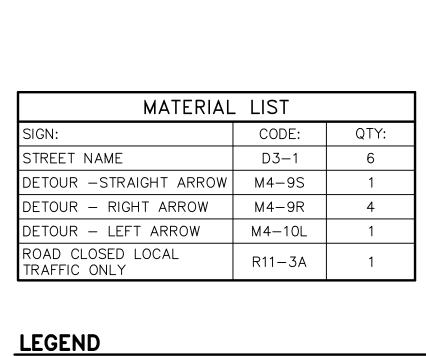
WORK ZONE 4 WORK ZONE 3 - TRAFFIC

CONTROL PLAN >->> DETOUR ROUTE JERSEY BARRIER Sheet Number

TYPE A WARNING FLASHER

WORK ZONE

FLAGGER



→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA

LIGHTED ARROW PANNEL TYPE III BARRICADE

SIGN

TRAFFIC BARREL TRAFFIC SHIFT PARKING METER

E. MURA PLACE



ALAMO AVENUE

MATCHLINE SEE SHEET 18



UNDERGROUND UTILITIES ARE SHOWN
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WORK ZONE 4 WORK ZONE 3 - TRAFFIC

CONTROL PLAN

-☆- TYPE A WARNING FLASHER

STAGING AREA

>-> >> DETOUR ROUTE

FLAGGER

JERSEY BARRIER



LEGEND

→ EXISTING TRAFFIC FLOW → PROPOSED TRAFFIC FLOW

PAVEMENT MARKING LIGHTED ARROW PANNEL TYPE III BARRICADE SIGN TRAFFIC BARREL





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STRUCTURES OR OF ANY OTHER STRUCTURES, OR OF ANY OTHER PERSONS.

DATE DESCRIPTION

Dynamic. Daring. Diverse.**DIFFERENT**

Project Number | Date | 5/31/2023 P.M. | Checked by | Drawn by | Crew/Book | CLA | CS | AA/DG | BOOK

CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

County FRANKLIN Community COLUMBUS

Township Range Section N/A N/A N/A

LEGEND

STREET NAME

ROAD CLOSED

ROAD CLOSED LOCAL TRAFFIC ONLY

→ EXISTING TRAFFIC FLOW → PROPOSED TRAFFIC FLOW

MATERIAL LIST

CODE:

D3-1

R11-2

R11-3A

QTY:

4

DETOUR -STRAIGHT ARROW M4-9S

PAVEMENT MARKING LIGHTED ARROW PANNEL TYPE III BARRICADE SIGN TRAFFIC BARREL

TRAFFIC SHIFT PARKING METER

-X- TYPE A WARNING FLASHER STAGING AREA

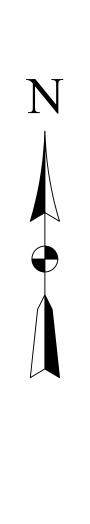
WORK ZONE >-> >> DETOUR ROUTE JERSEY BARRIER

FLAGGER

WORK ZONE 4 WORK ZONE 3 - TRAFFIC CONTROL PLAN

Sheet Number

Professional Name
ANDREW WALTERS, PE 5/31/202



Know what's below.
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1037-23-11802 5/31/2023 P.M. | Checked by | Drawn by | Crew/Book | CLA | CS | AA/DG | BOOK

CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES

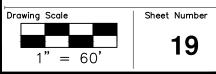
COLUMBUS, OH ----

Community COLUMBUS FRANKLIN Township Range Section N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/2023

WORK ZONE 4 WORK ZONE 3 - TRAFFIC

CONTROL PLAN





MATERIAL LIST CODE: QTY: STREET NAME D3-1 11 DETOUR — LEFT ARROW M4-9L DETOUR -STRAIGHT ARROW M4-9S DETOUR — RIGHT ARROW M4-9R DETOUR — LEFT ARROW M4-10L DETOUR - RIGHT ARROW M4-10R ROAD CLOSED LOCAL TRAFFIC ONLY R11-3A

LEGEND

→ EXISTING TRAFFIC FLOW → PROPOSED TRAFFIC FLOW

PAVEMENT MARKING LIGHTED ARROW PANNEL TYPE III BARRICADE SIGN

TRAFFIC SHIFT PARKING METER

TRAFFIC BARREL

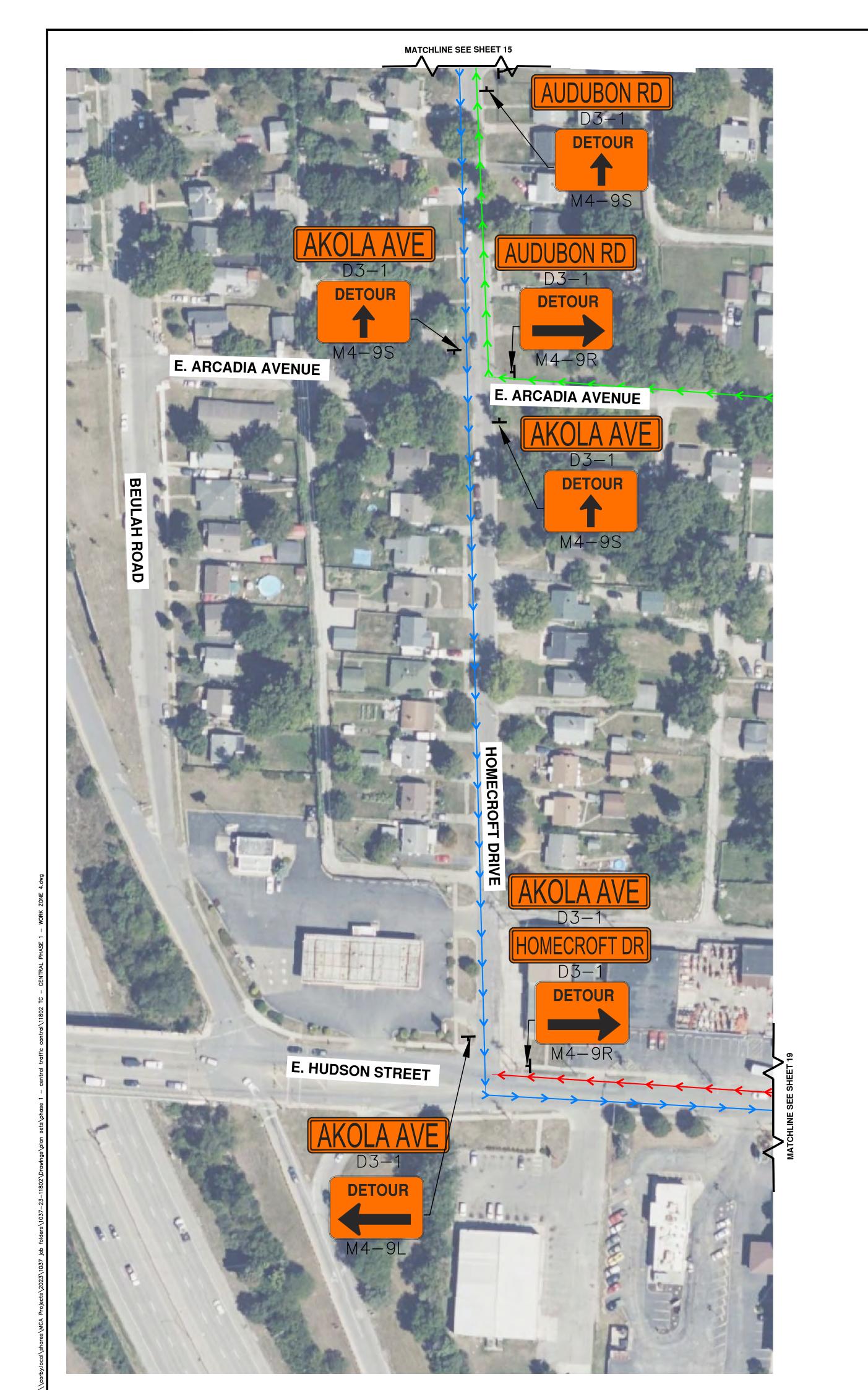
-X- TYPE A WARNING FLASHER

STAGING AREA

>-> DETOUR ROUTE

FLAGGER

JERSEY BARRIER





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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

Site Address VARIES COLUMBUS, OH ----

Community COLUMBUS FRANKLIN

Township Range Section N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/202

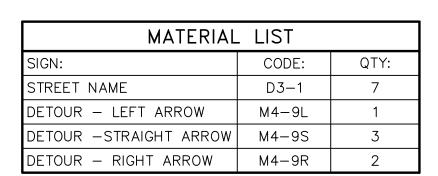
WORK ZONE 4 WORK ZONE 3 - TRAFFIC CONTROL PLAN

>->> DETOUR ROUTE JERSEY BARRIER FLAGGER

STAGING AREA

WORK ZONE

TYPE A WARNING FLASHER



LEGEND

→ EXISTING TRAFFIC FLOW → PROPOSED TRAFFIC FLOW

PAVEMENT MARKING LIGHTED ARROW PANNEL TYPE III BARRICADE SIGN

TRAFFIC BARREL TRAFFIC SHIFT PARKING METER

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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

County FRANKLIN Community COLUMBUS Township Range Section N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/202

WORK ZONE 5 WORK ZONE 4 - OVERALL MAP

-X- TYPE A WARNING FLASHER

WORK ZONE

>-> DETOUR ROUTE JERSEY BARRIER FLAGGER

LEGEND

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA PAVEMENT MARKING

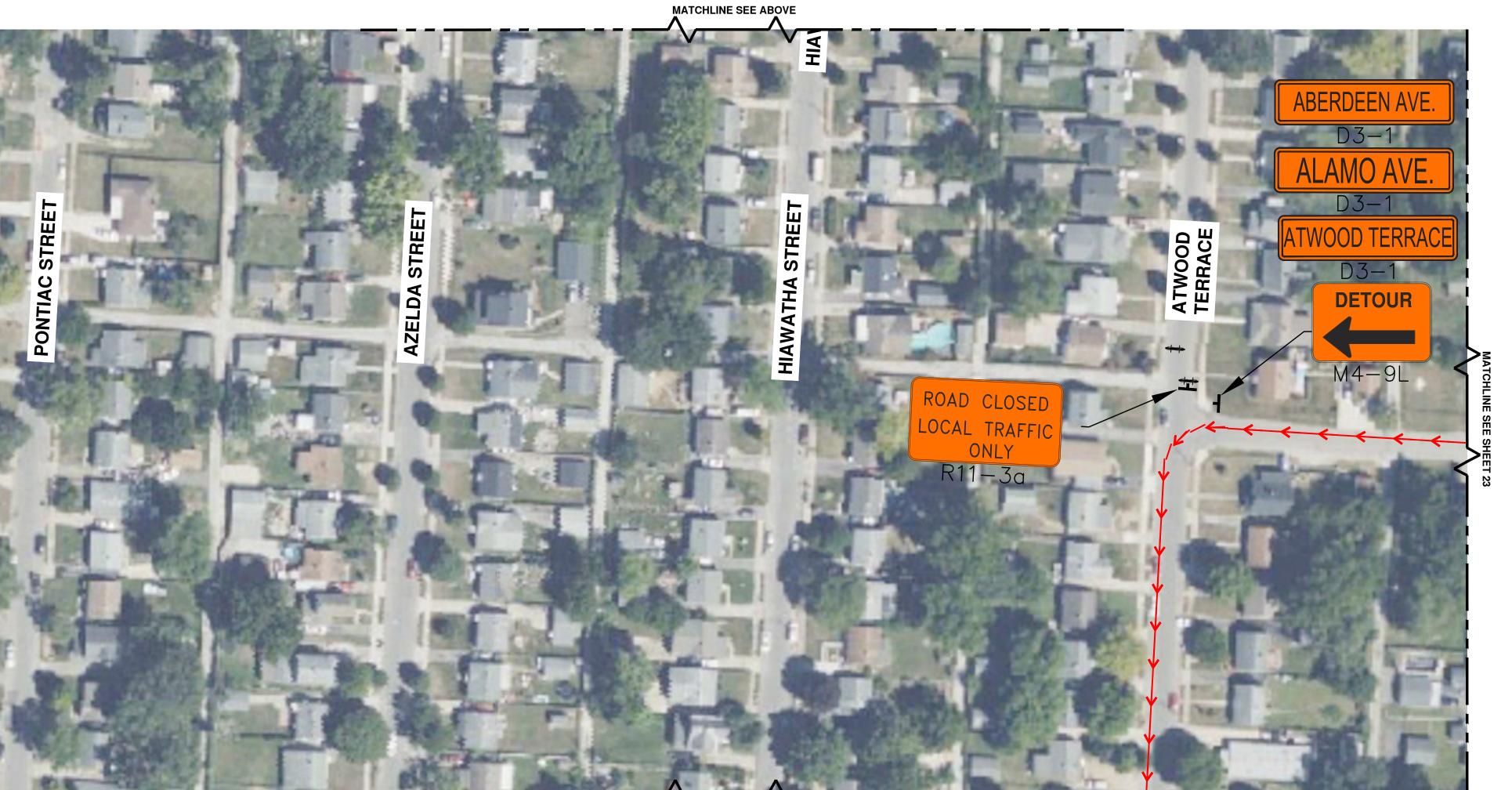
LIGHTED ARROW PANNEL

TYPF III BAPPICARE

TYPE III BARRICADE SIGN TRAFFIC SHIFT PARKING METER

TRAFFIC BARREL





MATERIAL LIST		
SIGN:	CODE:	QTY:
STREET NAME	D3-1	6
END DETOUR	M4-8A	1
DETOUR - LEFT ARROW	M4-9L	1
DETOUR - LEFT ARROW	M4-10L	1
NO RIGHT TURN	R3-1	1
NO LEFT TURN	R3-2	1
ROAD CLOSED	R11-2	9
ROAD CLOSED LOCAL TRAFFIC ONLY	R11-3A	1

LEGEND

→ EXISTING TRAFFIC FLOW

LIGHTED ARROW PANNEL TYPE III BARRICADE SIGN

TRAFFIC BARREL TRAFFIC SHIFT PARKING METER

-☆- TYPE A WARNING FLASHER → PROPOSED TRAFFIC FLOW STAGING AREA

>-> DETOUR ROUTE JERSEY BARRIER FLAGGER



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CAMPOS, EPC

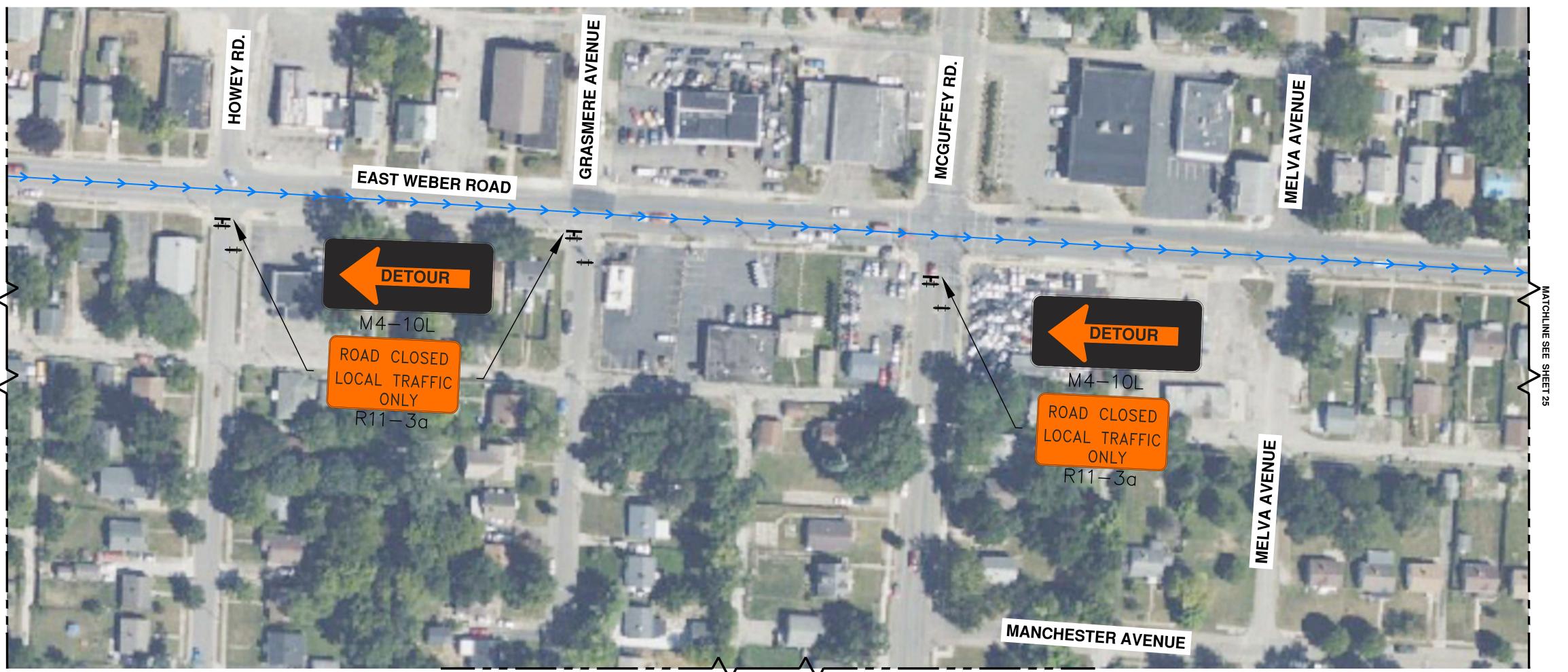
NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----Community COLUMBUS FRANKLIN Township Range Section N/A N/A

Professional Name
ANDREW WALTERS, PE 9/19/2023

WORK ZONE 5 **WORK ZONE 4 - TRAFFIC** CONTROL PLAN





MATERIA	L LIST	
SIGN:	CODE:	QTY:
STREET NAME	D3-1	3
DETOUR - RIGHT ARROW	M4-9R	1
DETOUR - LEFT ARROW	M4-10L	7
ROAD CLOSED LOCAL	R11-3A	7

LEGEND

EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW

PAVEMENT MARKING LIGHTED ARROW PANNEL TYPE III BARRICADE

SIGN TRAFFIC BARREL TRAFFIC SHIFT PARKING METER

STAGING AREA WORK ZONE >-> >> DETOUR ROUTE

JERSEY BARRIER FLAGGER

-X- TYPE A WARNING FLASHER



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CAMPOS, EPC

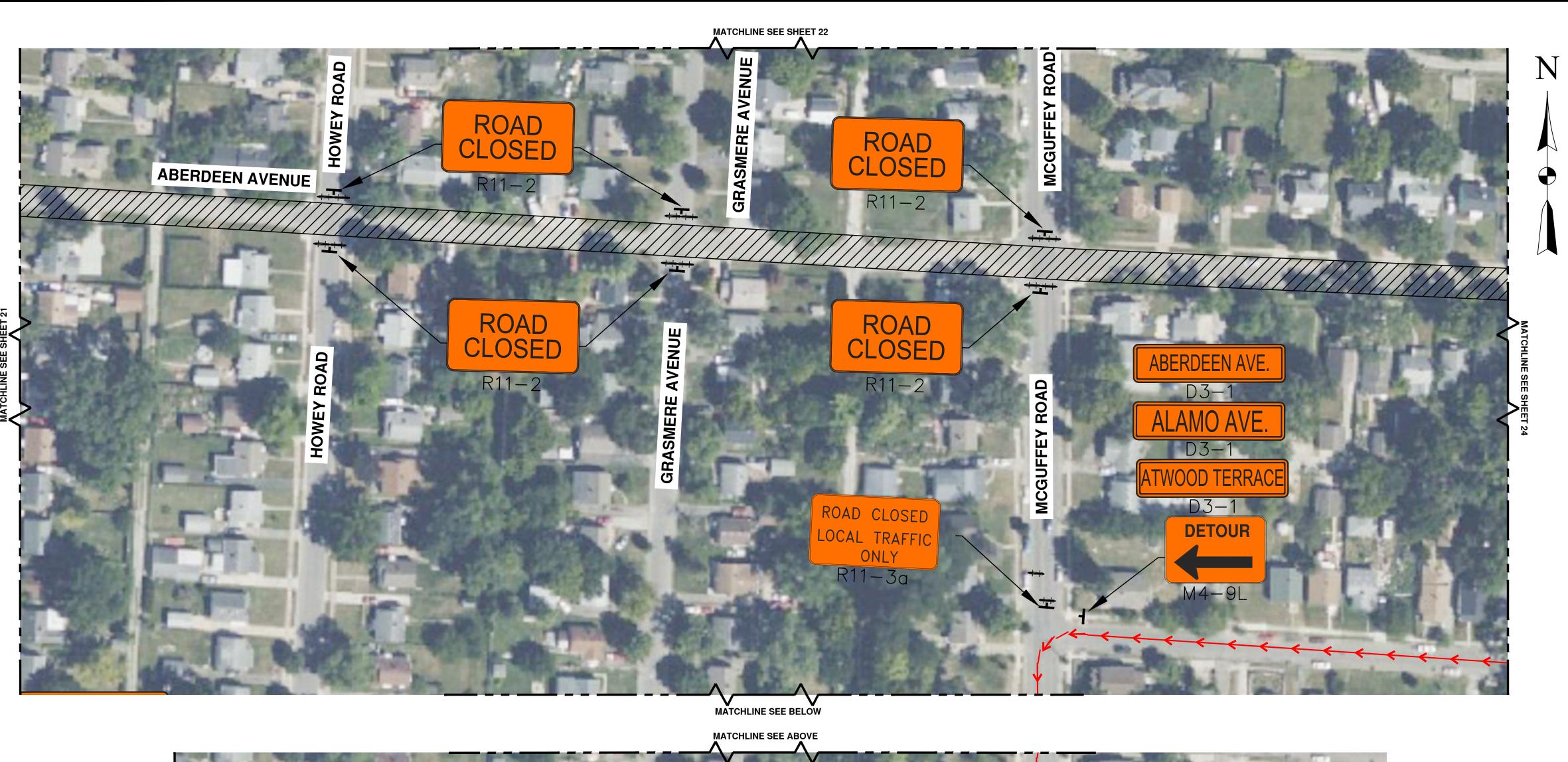
NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

ite Address VARIES COLUMBUS, OH ----Community COLUMBUS FRANKLIN

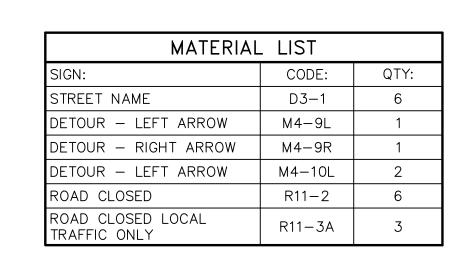
Township Range Section N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/202

WORK ZONE 5 **WORK ZONE 4 - TRAFFIC** CONTROL PLAN







LEGEND

→ EXISTING TRAFFIC FLOW
→ PROPOSED TRAFFIC FLOW

P P LI

PAVEMENT MARKING
LIGHTED ARROW PANNEL
TYPE III BARRICADE
SIGN
TRAFFIC BARREL

TYPE III BARRICA
SIGN
TRAFFIC BARREL
TRAFFIC SHIFT
PARKING METER

TYPE A WARNING FLASHER

FLOW

STAGING AREA

NEL

WORK ZONE

DETOUR ROUTE

JERSEY BARRIER

FLAGGER



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DATE DESCRIPTION

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 Project Number
 Date

 1037-23-11802
 5/31/2023

 P.M.
 Checked by Crew/Book CLA

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CAMPOS, EPC

Project
NCH PIPELINE
REPLACEMENT CENTRAL
PHASE 1

Site Address
VARIES
COLUMBUS, OH ---County
Community

County Community COLUMBUS

Township Range Section N/A N/A

Professional Name | Date | ANDREW WALTERS, PE | 5/31/2023

WORK ZONE 5
WORK ZONE 4 - TRAFFIC

Drawing Scale

CONTROL PLAN

23





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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

Community COLUMBUS FRANKLIN Township Range Section N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/202

WORK ZONE 5 WORK ZONE 4 - TRAFFIC

>->> DETOUR ROUTE CONTROL PLAN JERSEY BARRIER FLAGGER

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA

PAVEMENT MARKING

LIGHTED ARROW PANNEL

TYPE III BARRICADE TYPE III BARRICADE

MATERIAL LIST

CODE:

M4-10L

R11-2

R11-3A

QTY:

4

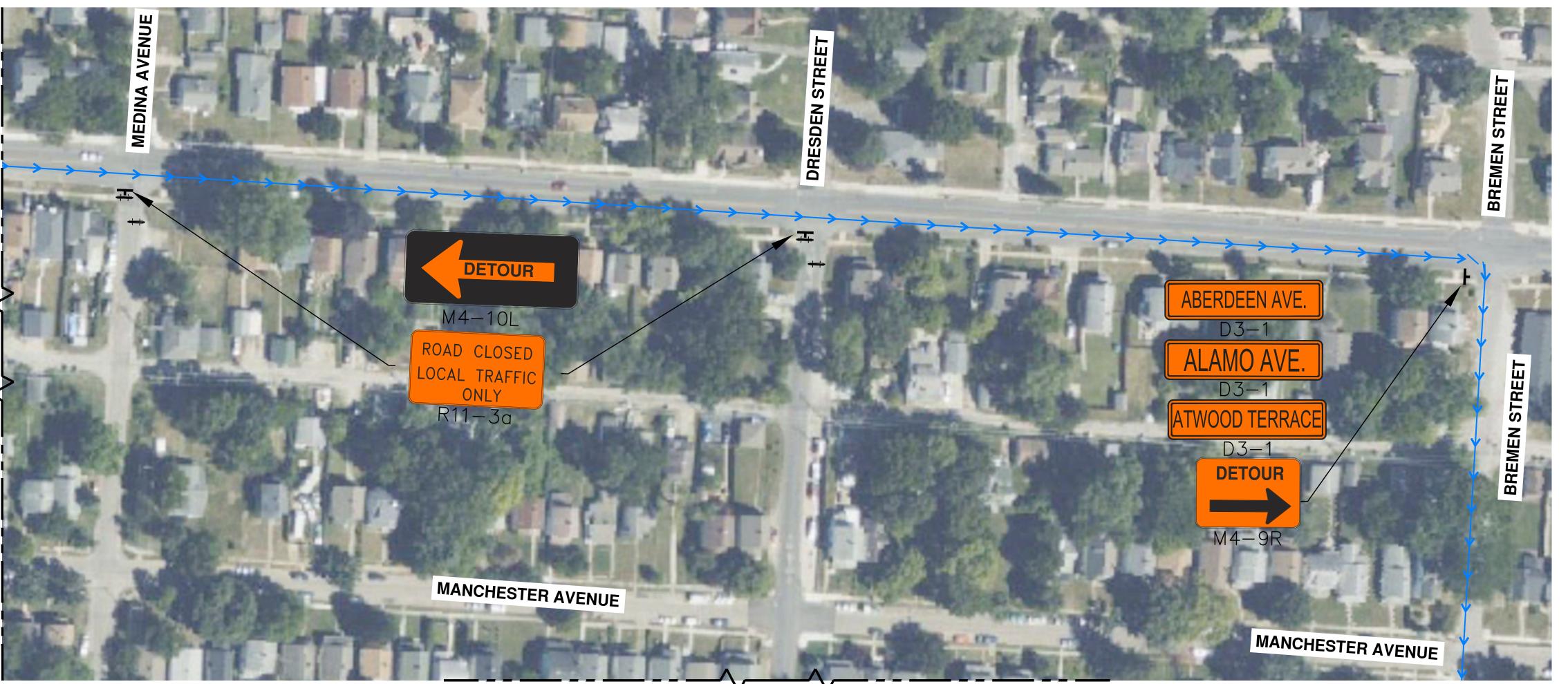
WORK ZONE

-X- TYPE A WARNING FLASHER

SIGN

TRAFFIC BARREL TRAFFIC SHIFT PARKING METER







LEGEND

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW PAVEMENT MARKING

SIGN

PARKING METER

LIGHTED ARROW PANNEL TYPE III BARRICADE TRAFFIC BARREL TRAFFIC SHIFT

-☆- TYPE A WARNING FLASHER STAGING AREA

WORK ZONE >-> >> DETOUR ROUTE

JERSEY BARRIER FLAGGER

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NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

Community COLUMBUS FRANKLIN Township Range Section N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/2023

WORK ZONE 5

WORK ZONE 4 - TRAFFIC

CONTROL PLAN



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CAMPOS, EPC

Project
NCH PIPELINE
REPLACEMENT CENTRAL
PHASE 1

Site Address

VARIES

COLUMBUS, OH ----

County Community FRANKLIN COLUMBUS

Township Range Section N/A N/A

Professional Name | Date | ANDREW WALTERS, PE | 5/31/202

WORK ZONE 5
WORK ZONE 4 - TRAFFIC

rawing Scale

CONTROL PLAN

26



MATERIA	L LIST	
SIGN:	CODE:	QTY:
STREET NAME	D3-1	6
DETOUR - RIGHT ARROW	M4-9R	2
DETOUR - LEFT ARROW	M4-10L	3
ROAD CLOSED LOCAL TRAFFIC ONLY	R11-3A	3

LEGEND

→ EXISTING TRAFFIC FLOW → PROPOSED TRAFFIC FLOW PAVEMENT MARKING

LIGHTED ARROW PANNEL TYPE III BARRICADE

SIGN TRAFFIC BARREL TRAFFIC SHIFT PARKING METER

-☆- TYPE A WARNING FLASHER STAGING AREA

FLAGGER

WORK ZONE >->> DETOUR ROUTE JERSEY BARRIER

Professional Name
ANDREW WALTERS, PE 5/31/202 WORK ZONE 5

WORK ZONE 4 - TRAFFIC CONTROL PLAN

Sheet Number

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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

ite Address VARIES COLUMBUS, OH ----

County FRANKLIN

Community COLUMBUS

Township Range Section N/A N/A N/A



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NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

County FRANKLIN Community COLUMBUS

Township Range Section N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/202

WORK ZONE 6 WORK ZONE 5 - OVERALL MAP

JERSEY BARRIER

FLAGGER

TRAFFIC BARREL

PARKING METER

TRAFFIC SHIFT





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ite Address VARIES COLUMBUS, OH ----County FRANKLIN Community COLUMBUS

Township Range Section N/A N/A

Professional Name Date
ANDREW WALTERS, PE 5/31/202

WORK ZONE 6 WORK ZONE 5 - TRAFFIC CONTROL PLAN

Sheet Number



LEGEND

EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW

-☆- TYPE A WARNING FLASHER

STAGING AREA

WORK ZONE

FLAGGER

>-> >> DETOUR ROUTE

JERSEY BARRIER

PAVEMENT MARKING LIGHTED ARROW PANNEL TYPE III BARRICADE

TRAFFIC BARREL

SIGN TRAFFIC SHIFT

PARKING METER





MATERIAL	LIST	
SIGN:	CODE:	QTY:
STREET NAME	D3-1	10
END DETOUR	M4-8A	1
DETOUR — LEFT ARROW	M4-9L	2
DETOUR - RIGHT ARROW	M4-9R	1
DETOUR — LEFT ARROW	M4-10L	3
NO LEFT TURN	R3-2	1
ROAD CLOSED	R11-2	3
ROAD CLOSED LOCAL TRAFFIC ONLY	R11-3A	2
DETOUR AHEAD	W20-2	2
ROAD CLOSED AHEAD	W20-3	2

LEGEND

EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW

PAVEMENT MARKING LIGHTED ARROW PANNEL TYPE III BARRICADE SIGN TRAFFIC BARREL

TRAFFIC SHIFT PARKING METER -☆- TYPE A WARNING FLASHER STAGING AREA

WORK ZONE >-> >> DETOUR ROUTE

JERSEY BARRIER FLAGGER

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Township Range Section N/A N/A

Professional Name Date
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WORK ZONE 6 WORK ZONE 5 - TRAFFIC CONTROL PLAN

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Revisions



Project Number Date
1037-23-11802 5/31/2023
P.M. | Checked by | Drawn by | Crew/Book | CLA | CS | AA/DG | BOOK

CAMPOS, EPC

Project
NCH PIPELINE
REPLACEMENT CENTRAL
PHASE 1

Site Address
VARIES
COLUMBUS, OH ----

COLUMBUS, OH ---County | Community | FRANKLIN | COLUMBUS

Township Range Section N/A N/A N/A

LEGEND

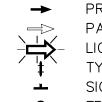
→ EXISTING TRAFFIC FLOW
→ PROPOSED TRAFFIC FLOW
PAVEMENT MARKING

TYPE A WARNING

STAGING AREA

TRAFFIC SHIFT

PARKING METER



PAVEMENT MARKING
LIGHTED ARROW PANNEL
TYPE III BARRICADE
SIGN
TRAFFIC BARREL

TYPE A WARNING FLASHER

STAGING AREA

WORK ZONE

DETOUR ROUTE

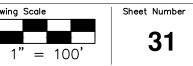
DETOUR ROUTE

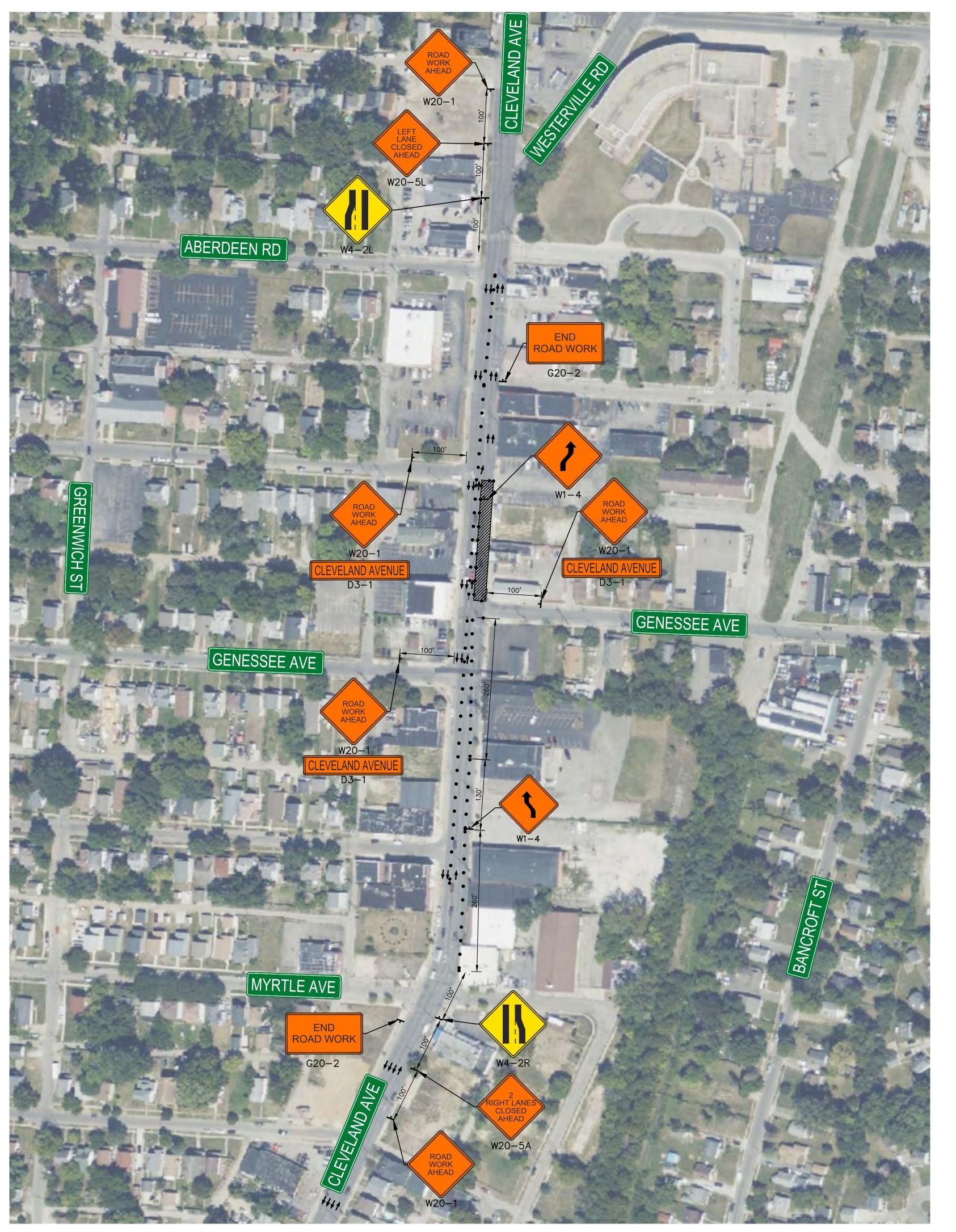
JERSEY BARRIER

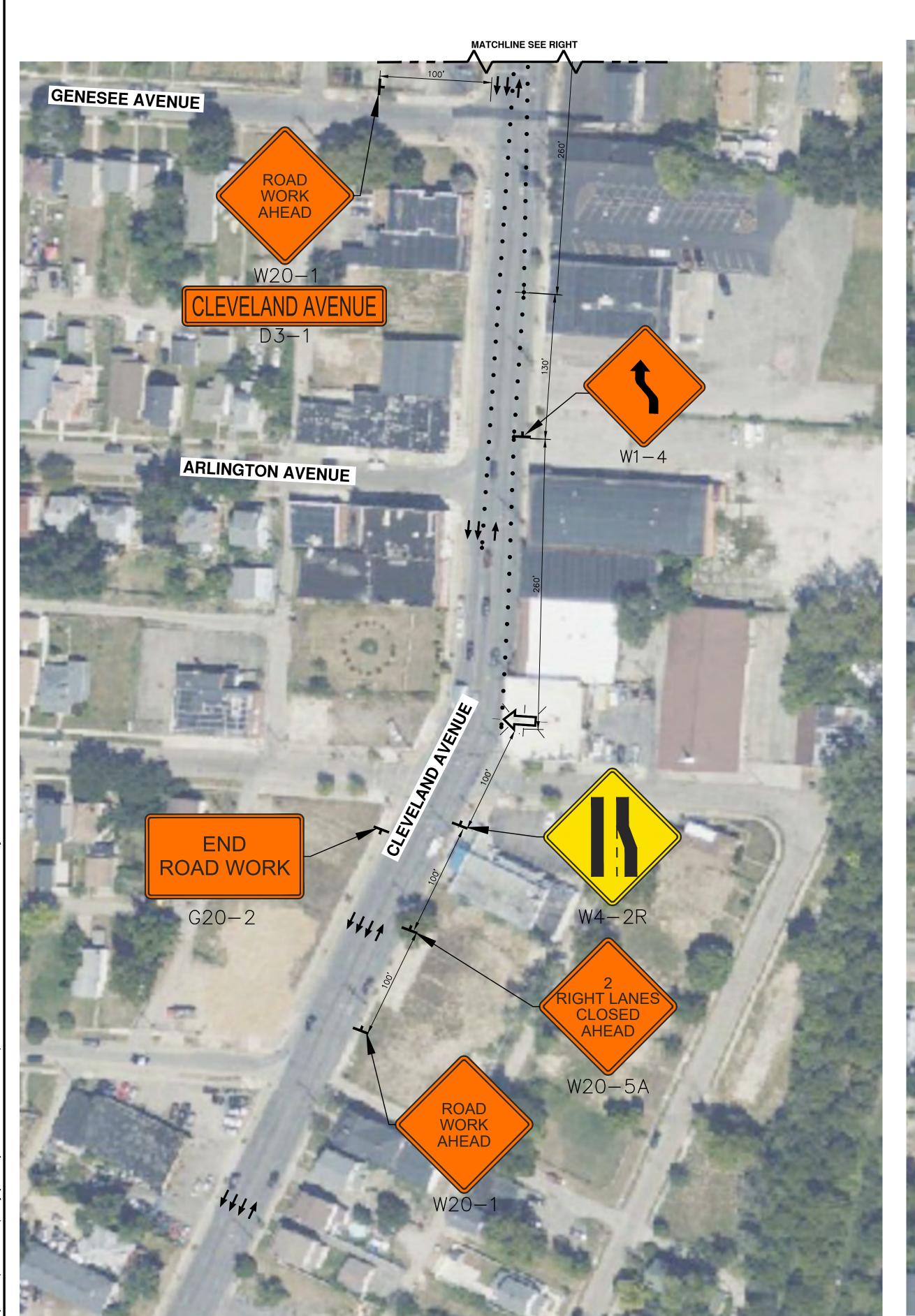
FLAGGER

Professional Name
ANDREW WALTERS, PE 5/31/2023

WORK ZONE 8
WORK ZONE 6A - OVERALL
MAP











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Project Number | Date | 1037-23-11802 | 5/31/2023 P.M. | Checked by | Drawn by | Crew/Book | CLA | CS | AA/DG | BOOK

CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

ite Address VARIES COLUMBUS, OH ----

MATERIAL LIST

STREET NAME

MERGE RIGHT

MERGE LEFT

AHEAD

LEGEND

END ROAD WORK

ROAD WORK AHEAD

2 RIGHT LANES CLOSED

LEFT LANE CLOSED AHEAD

→ EXISTING TRAFFIC FLOW

PAVEMENT MARKING

→ PROPOSED TRAFFIC FLOW

TYPE III BARRICADE

TRAFFIC BARREL

TRAFFIC SHIFT

PARKING METER

LIGHTED ARROW PANNEL

CODE:

D3-1

G20-2

W4-2L

W4-2R W20-1

W20-5A

W20-5L

QTY:

3

TYPE A WARNING FLASHER

STAGING AREA

>-> DETOUR ROUTE

JERSEY BARRIER

WORK ZONE

FLAGGER

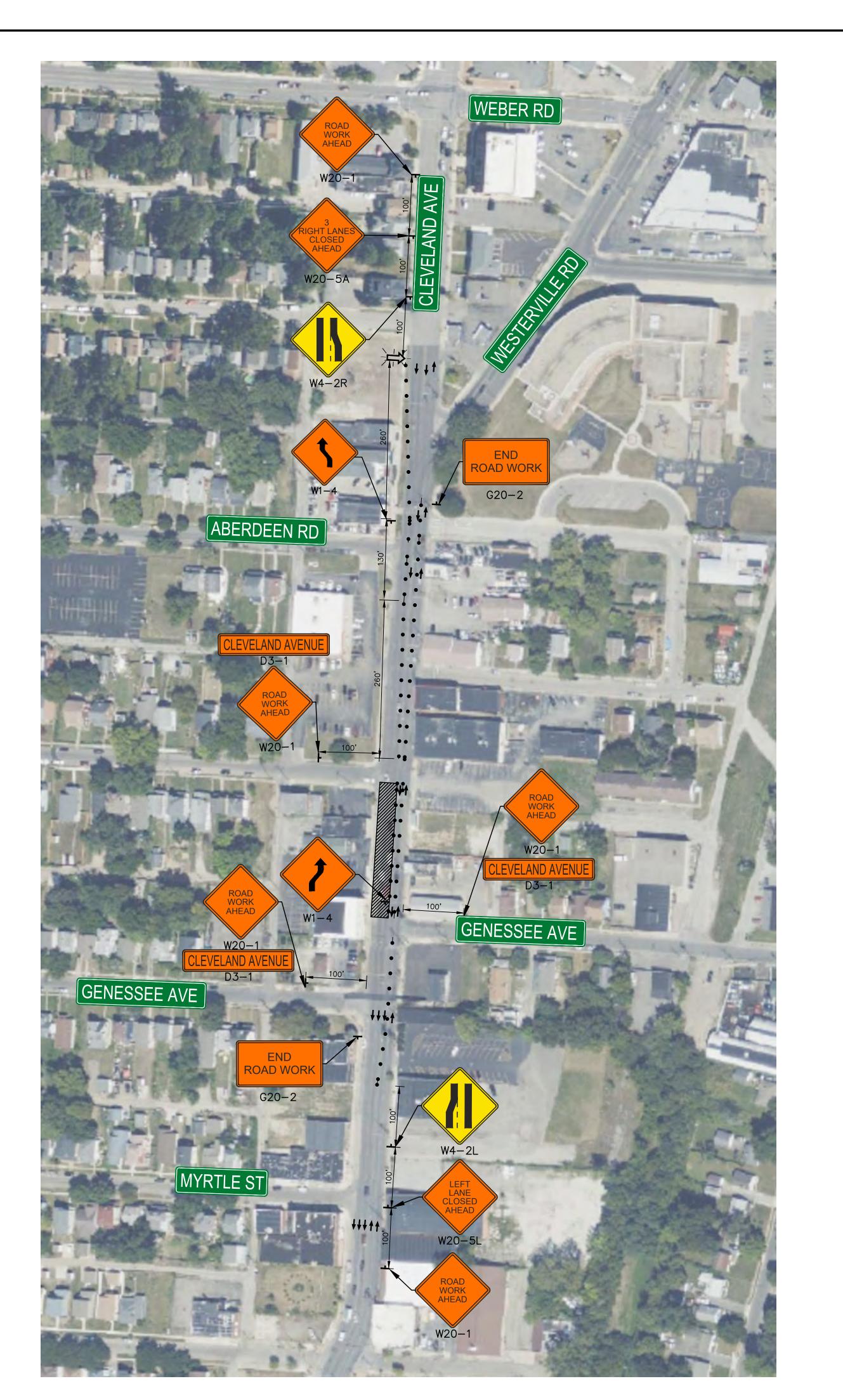
County FRANKLIN Community COLUMBUS

Township Range Section N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/202

WORK ZONE 8 WORK ZONE 6A - TRAFFIC

CONTROL PLAN





CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.



Project Number | Date | 5/31/2023 P.M. | Checked by | Drawn by | Crew/Book | CLA | CS | AA/DG | BOOK

CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----County FRANKLIN

Community COLUMBUS

Township Range Section N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/202

WORK ZONE 8 WORK ZONE 6B - OVERALL MAP

LEGEND

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA

LIGHTED ARROW PANNEL SIGN

TYPE III BARRICADE TRAFFIC SHIFT

TRAFFIC BARREL PARKING METER

FLAGGER

>>> DETOUR ROUTE

JERSEY BARRIER

TYPE A WARNING FLASHER





CONSTRUCTION SITE SAFETY IS TI RESPONSIBILITY OF THE NOR THE ENGINEER SHALL BE
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Project Number | Date | 5/31/2023 P.M. | Checked by | Drawn by | Crew/Book | CLA | CS | AA/DG | BOOK

CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

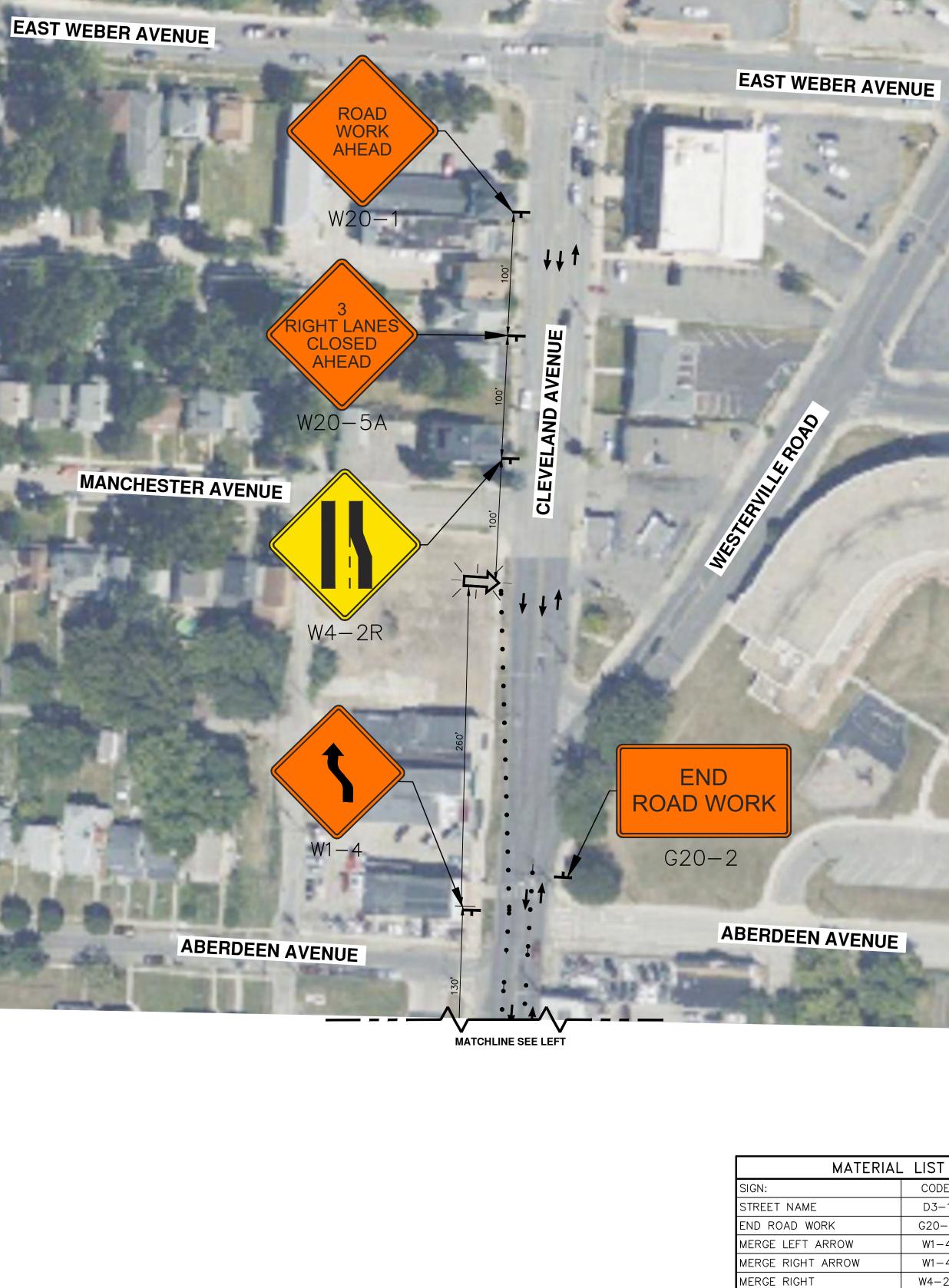
ite Address VARIES COLUMBUS, OH ----

County FRANKLIN Community COLUMBUS

Township Range Section N/A N/A

Professional Name Date
ANDREW WALTERS, PE 5/31/202

WORK ZONE 8 WORK ZONE 6B- TRAFFIC CONTROL PLAN



L	.EG	E	N	

MERGE LEFT

ROAD WORK AHEAD

LEFT LANE CLOSED AHEAD

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW

SIGN

PAVEMENT MARKING LIGHTED ARROW PANNEL TYPE III BARRICADE TRAFFIC BARREL

TRAFFIC SHIFT PARKING METER

CODE:

D3 - 1

G20-2

W1 - 4

W1 - 4

W4-2L

W4-2R

W20-1W20-5L QTY:

2

WORK ZONE >-> DETOUR ROUTE

JERSEY BARRIER FLAGGER

-X- TYPE A WARNING FLASHER

STAGING AREA



MATCHLINE SEE RIGHT

AHEAD

END

ROAD WORK

ARLINGTON AVENUE

AVENUE

CLEVELAND,

++++

MINNESOTA AVENUE

GENESEE AVENUE

LINDEN PLACE

WORK AHEAD

GENESEE AVENUE

W4-2L

LANE

ROAD WORK AHEAD

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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

ite Address VARIES COLUMBUS, OH ----

Community COLUMBUS County FRANKLIN

Township Range Section N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/202

WORK ZONE 9 WORK ZONE 7 - OVERALL

LEGEND

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA

-X- TYPE A WARNING FLASHER

>->-> DETOUR ROUTE

FLAGGER

JERSEY BARRIER

PAVEMENT MARKING

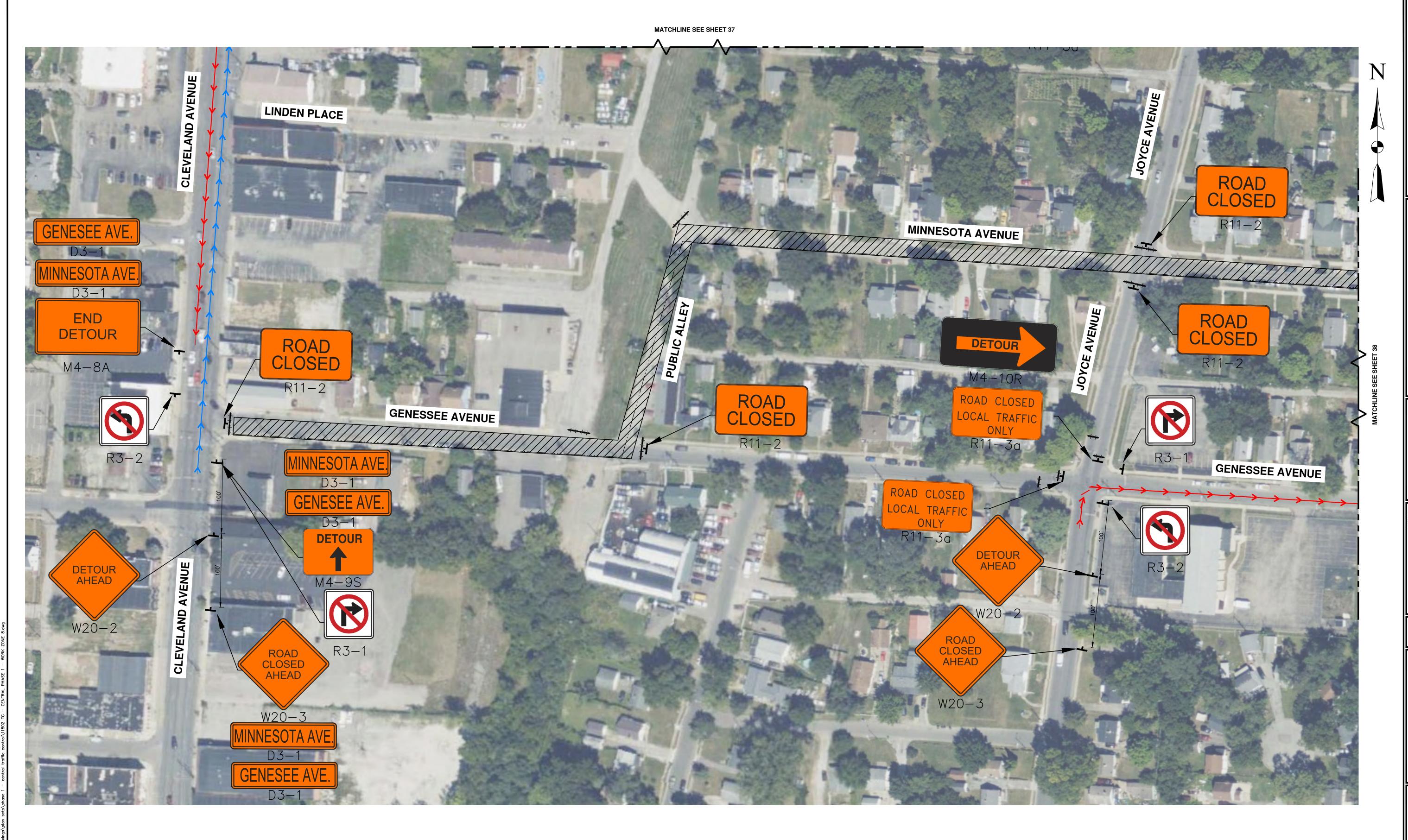
LIGHTED ARROW PANNEL

TYPE III BARRICADE

STAGING ARE

WORK ZONE SIGN TRAFFIC BARREL

TRAFFIC SHIFT PARKING METER



MATERIAL LIST		
SIGN:	CODE:	QTY:
STREET NAME	D3-1	6
END DETOUR	M4-8A	1
DETOUR - RIGHT ARROW	M4-10R	1
NO RIGHT TURN	R3-1	2
NO LEFT TURN	R3-2	2
ROAD CLOSED	R11-2	4
ROAD CLOSED LOCAL TRAFFIC ONLY	R11-3A	2
DETOUR AHEAD	W20-2	2
ROAD CLOSED AHEAD	W20-3	2

LEGEND

→ EXISTING TRAFFIC FLOW → TYPE A WARNING FLASHER → PROPOSED TRAFFIC FLOW STAGING AREA PAVEMENT MARKING

TYPE III BARRICADE SIGN TRAFFIC BARREL

TRAFFIC SHIFT

PARKING METER

LIGHTED ARROW PANNEL WORK ZONE >-> >> DETOUR ROUTE

JERSEY BARRIER FLAGGER

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CAMPOS, EPC

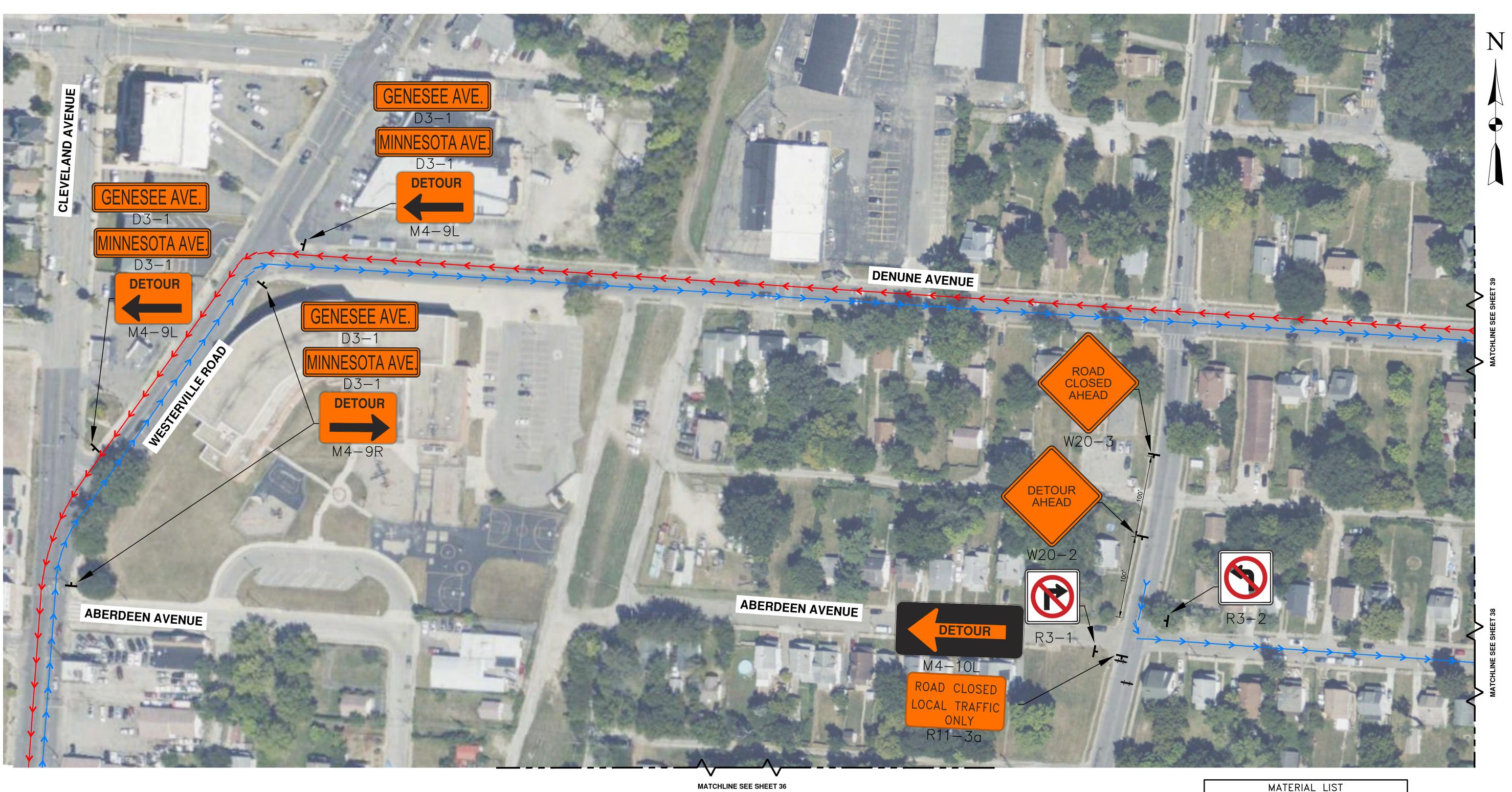
NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

Site Address VARIES COLUMBUS, OH ----

County FRANKLIN Community COLUMBUS Township Range Section N/A N/A N/A

Professional Name Date
ANDREW WALTERS, PE 5/31/202

WORK ZONE 9 WORK ZONE 7 - TRAFFIC CONTROL PLAN



MATERIAL LIST CODE: QTY: STREET NAME D3-1 6 DETOUR - LEFT ARROW M4-9L DETOUR - RIGHT ARROW M4-9R DETOUR - LEFT ARROW M4-10L NO RIGHT TURN R3-1 NO LEFT TURN R3 - 2ROAD CLOSED LOCAL R11-3A TRAFFIC ONLY DETOUR AHEAD W20-2ROAD CLOSED AHEAD W20 - 3

LEGEND

→ EXISTING TRAFFIC FLOW → PROPOSED TRAFFIC FLOW

PAVEMENT MARKING LIGHTED ARROW PANNEL

TYPE III BARRICADE SIGN

TRAFFIC BARREL TRAFFIC SHIFT PARKING METER

-☆- TYPE A WARNING FLASHER STAGING AREA

WORK ZONE >-> >> DETOUR ROUTE

JERSEY BARRIER FLAGGER

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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

Site Address VARIES COLUMBUS, OH ----County FRANKLIN Community COLUMBUS Township Range Section N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/2023 **WORK ZONE 9** WORK ZONE 7 - TRAFFIC

Sheet Number

CONTROL PLAN





> CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THI WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

ite Address VARIES COLUMBUS, OH ----

FRANKLIN COLUMBUS Township Range Section N/A N/A

Professional Name Date
ANDREW WALTERS, PE 5/31/202

WORK ZONE 9 WORK ZONE 7 - TRAFFIC

WORK ZONE >-> >> DETOUR ROUTE CONTROL PLAN JERSEY BARRIER FLAGGER

Sheet Number

PAVEMENT MARKING

LIGHTED ARROW PANNEL TYPE III BARRICADE SIGN TRAFFIC BARREL

TRAFFIC SHIFT PARKING METER

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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

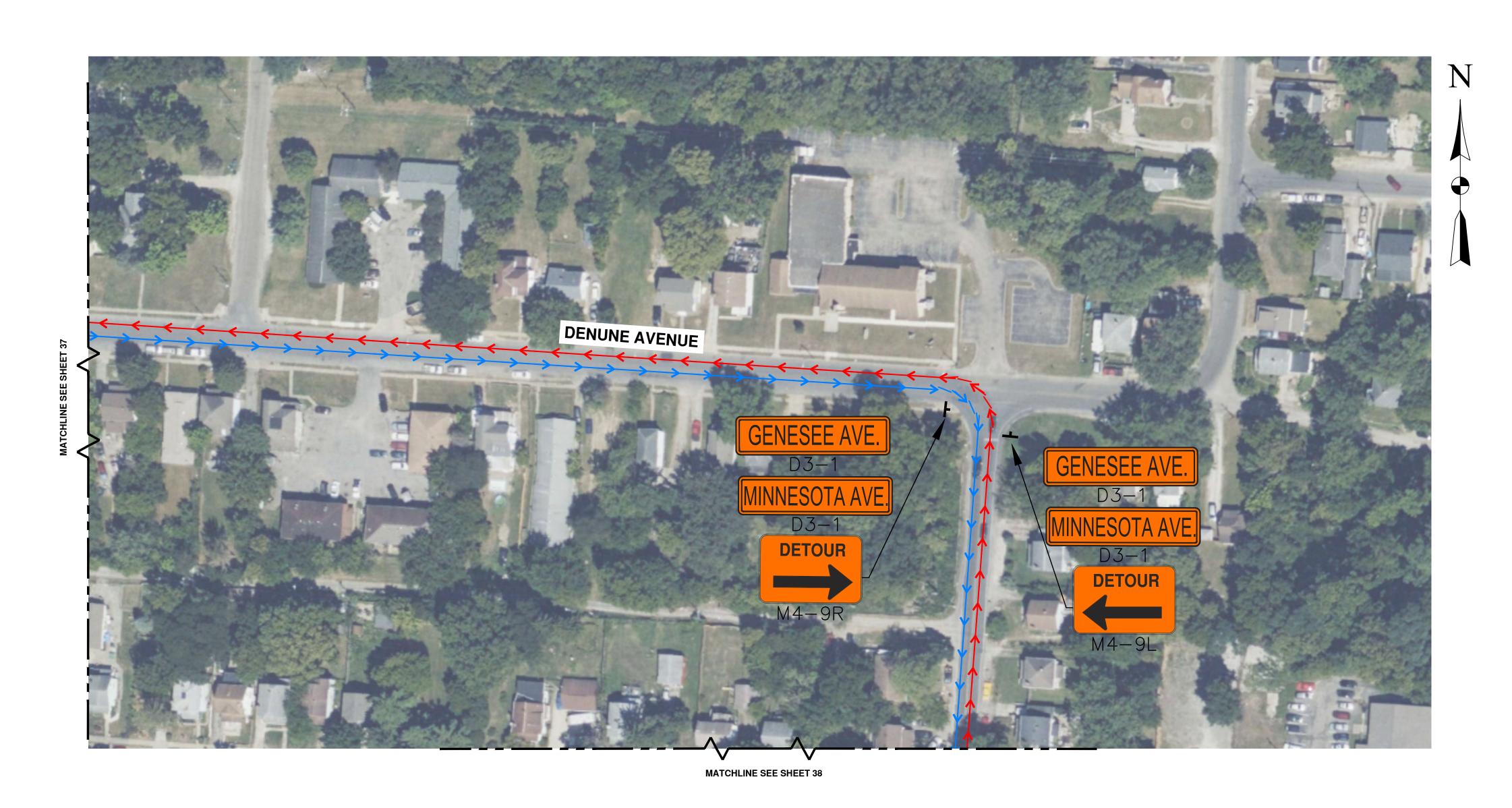
Site Address VARIES COLUMBUS, OH ----

County FRANKLIN Community COLUMBUS Township Range Section N/A N/A N/A

Professional Name Date
ANDREW WALTERS, PE 5/31/2023

WORK ZONE 9 WORK ZONE 7 - TRAFFIC CONTROL PLAN

Sheet Number



MATERIAL	LIST	
SIGN:	CODE:	QTY:
STREET NAME	D3-1	4
DETOUR - LEFT ARROW	M4-9L	1
DETOUR - RIGHT ARROW	M4-9R	1

LEGEND

→ EXISTING TRAFFIC FLOW

TYPE A WARNING FLASHER

>->-> DETOUR ROUTE

FLAGGER

JERSEY BARRIER

PROPOSED TRAFFIC FLOW STAGING AREA PAVEMENT MARKING

LIGHTED ARROW PANNEL

TYPE III BARRICADE

STAGING ARE,

WORK ZONE

→ SIGN

TRAFFIC BARREL

TRAFFIC SHIFT

PARKING METER



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Project Number | Date | 5/31/2023 P.M. CLA CS Drawn by Crew/Book AA/DG BOOK

CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

County FRANKLIN Community COLUMBUS

Township Range Section N/A N/A N/A

Professional Name

ANDREW WALTERS, PE 5/31/2023

WORK ZONE 10 WORK ZONE 8 - OVERALL
MAP

TYPE A WARNING FLASHER

>-> DETOUR ROUTE

FLAGGER

JERSEY BARRIER

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA

LIGHTED ARROW PANNEL WORK ZONE TYPE III BARRICADE TRAFFIC BARREL TRAFFIC SHIFT

PARKING METER







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NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

County FRANKLIN Community COLUMBUS Township Range Section N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/2023

WORK ZONE 10 WORK ZONE 8 - TRAFFIC CONTROL PLAN

TYPE A WARNING FLASHER → EXISTING TRAFFIC FLOW

CODE:

R11-2

R11-3A

W20-1 W20-2

PROPOSED TRAFFIC FLOW STAGING AREA PAVEMENT MARKING

LIGHTED ARROW PANNEL WORK ZONE >>> DETOUR ROUTE

QTY:

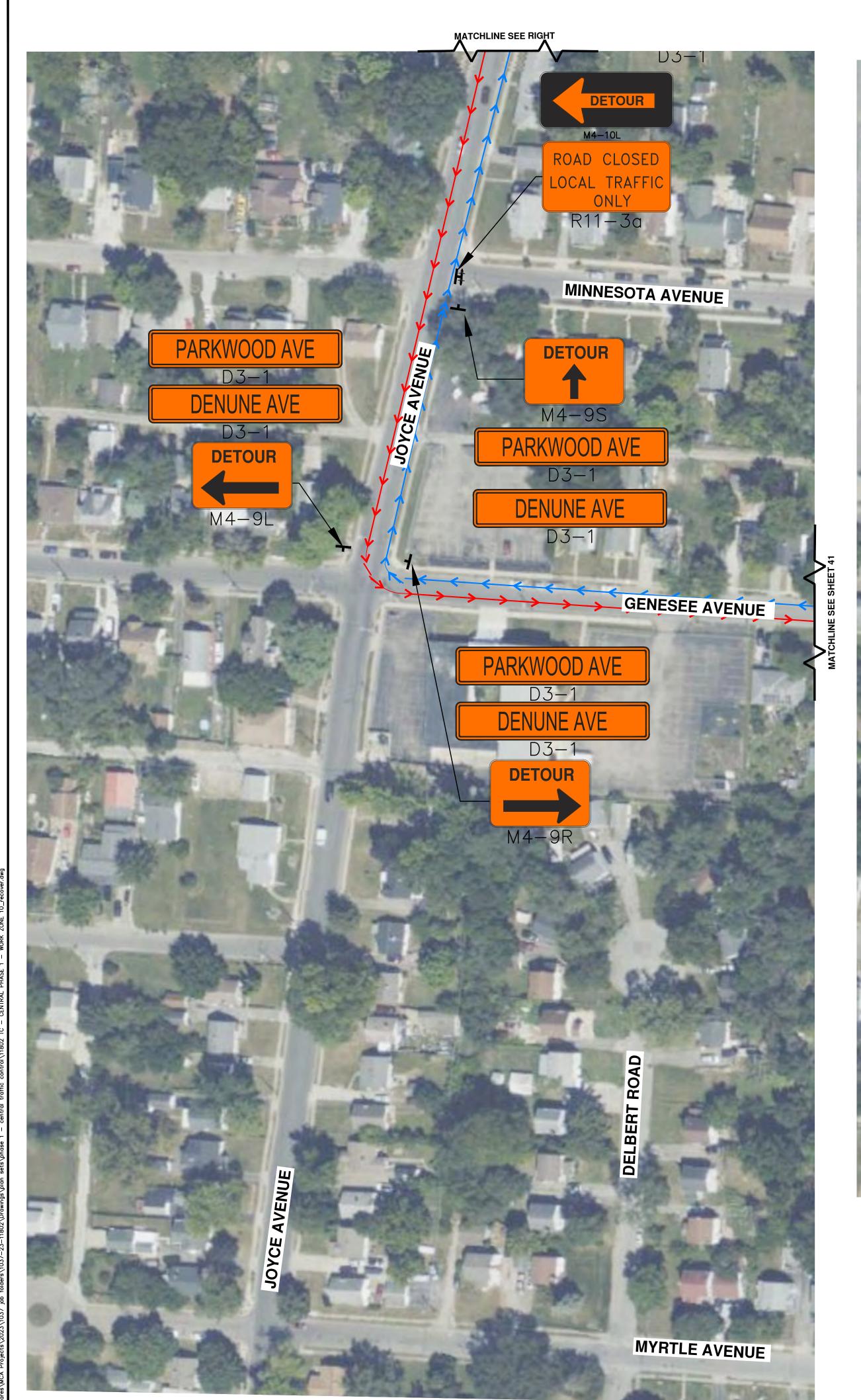
3

TYPE III BARRICADE TRAFFIC BARREL TRAFFIC SHIFT PARKING METER

MATERIAL LIST

JERSEY BARRIER

FLAGGER





MATERIAL LIST CODE: QTY: STREET NAME D3-1 14 DETOUR - LEFT ARROW M4-9L 2 DETOUR - RIGHT ARROW M4-9R DETOUR - STRAIGHT M4-9S ARROW DETOUR - LEFT ARROW M4-10L ROAD CLOSED LOCAL TRAFFIC ONLY R11-3A ROAD WORK AHEAD W20-1DETOUR AHEAD W20-2

LEGEND

—	EXISTING TRAFFIC FLOW	
→	PROPOSED TRAFFIC FLOW	\square
\Rightarrow	PAVEMENT MARKING	
☆> -	LIGHTED ARROW PANNEL	
1.7		

TYPE III BARRICADE SIGN TRAFFIC BARREL TRAFFIC SHIFT

PARKING METER

TYPE A WARNING FLASHER STAGING AREA WORK ZONE >>> DETOUR ROUTE

JERSEY BARRIER

FLAGGER

CONTROL PLAN

Sheet Number

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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

VARIES COLUMBUS, OH ----

Community COLUMBUS County FRANKLIN Township Range Section N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/2023

WORK ZONE 10 WORK ZONE 8 - TRAFFIC



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CAMPOS, EPC

NCH PIPELINE REPLACEMENT CENTRAL PHASE 1

Site Address VARIES COLUMBUS, OH ----

Community COLUMBUS FRANKLIN Township Range Section
N/A N/A N/A

Professional Name
ANDREW WALTERS, PE 5/31/2023

WORK ZONE 10 WORK ZONE 8 - TRAFFIC CONTROL PLAN

Sheet Number

LEGEND

MATCHLINE SEE SHEET 44

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA LIGHTED ARROW PANNEL

TYPE III BARRICADE SIGN TRAFFIC BARREL

WORK ZONE >>> DETOUR ROUTE JERSEY BARRIER

STREET NAME

ROAD CLOSED

ROAD CLOSED LOCAL TRAFFIC ONLY

ROAD WORK AHEAD

DETOUR AHEAD

DETOUR - LEFT ARROW

DETOUR - RIGHT ARROW

DETOUR - RIGHT ARROW

MATERIAL LIST

CODE:

D3-1

M4-9L

M4-9R

M4-10R

R11-2

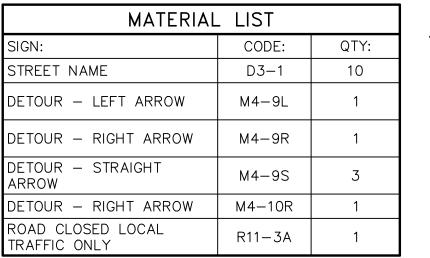
R11-3A

W20-1 W20-2

-X- TYPE A WARNING FLASHER

QTY:





LEGEND

→ EXISTING TRAFFIC FLOW PROPOSED TRAFFIC FLOW STAGING AREA LIGHTED ARROW PANNEL

TYPE III BARRICADE SIGN TRAFFIC SHIFT

TRAFFIC BARREL METER PARKING METER

TYPE A WARNING FLASHER WORK ZONE

>>> DETOUR ROUTE JERSEY BARRIER FLAGGER

Professional Name
ANDREW WALTERS, PE 5/31/2023

Dynamic. Daring. Diverse.**DIFFERENT**

Project Number | Date | 5/31/2023

CAMPOS, EPC

NCH PIPELINE

COLUMBUS, OH ----

PHASE 1

ite Address VARIES

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REPLACEMENT CENTRAL

Township Range Section N/A N/A N/A

Community COLUMBUS

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WORK ZONE 10 WORK ZONE 8 - TRAFFIC CONTROL PLAN