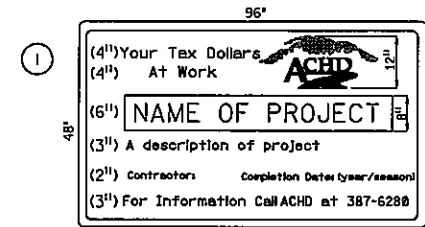


ADVANCED WARNING SIGNING

ADVANCE WARNING SIGNS



WHITE BACKGROUND WITH BLACK LETTERS AND 1" BLACK PERIMETER LINE. PROJECT NAME WILL HAVE A 1/4" BORDER. SIGN SHALL BE MADE OF 3/4" BILLBOARD PLYWOOD OR TRAFFIC SIGN ALUMINUM. SIGNS FROM PREVIOUS PROJECTS WITH APPROPRIATE LETTER CHANGES MAY BE USED IF APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. ATTACH TO TYPE III BARRICADE OR INSTALL WITH TWO CRASHWORTHY 4'x4' POSTS, ITEM 103.4.L.B.J.

NOT TO SCALE



W20-1
48"x48"



G20-2
36"x18"



ALL WAY

R1-1
30"x30"
R1-4
18"x6"

GENERAL NOTES

1. THE CONTRACTOR SHALL SUBMIT DETAILED CONSTRUCTION PHASING AND TRAFFIC CONTROL PLANS TO ACHD FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. THE PROPOSED CONSTRUCTION PHASING SHOWN ON THESE SHEETS IS AN EXAMPLE WHICH MAY BE ACCEPTED BY THE CONTRACTOR. HOWEVER, THE CONTRACTOR IS ENCOURAGED TO DEVELOP THEIR OWN PHASING PLAN TO FIT THEIR OPERATIONS. THE CONTRACTOR'S TRAFFIC CONTROL PLANS SHALL ADDRESS ADVANCED CONSTRUCTION, SIGNING AND DETAILED TRAFFIC CONTROL FOR EACH PHASE OF WORK AND SHALL ADDRESS PEDESTRIAN TRAFFIC AS WELL AS VEHICULAR TRAFFIC. INFORMATIONAL SIGNS SHALL BE PLACED BY THE CONTRACTOR SEVEN WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
2. MAINTAIN EXISTING PEDESTRIAN FACILITIES INCLUDING PEDESTRIAN RAMPS. TEMPORARY PEDESTRIAN RAMPS AND CROSSINGS SHALL BE PROVIDED WHERE NECESSARY. TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.
3. ACHD MAY REQUIRE MODIFICATIONS TO THE PHASING AND TRAFFIC CONTROL PLANS IN THE FIELD TO MINIMIZE DISRUPTION TO TRAFFIC.
4. ALL TRAVEL LANES SHALL HAVE A MINIMUM 11-FOOT WIDTH. A MINIMUM OF TWO TRAVEL LANES SHALL BE MAINTAINED FOR NORTHBOUND TRAFFIC AND SOUTHBOUND TRAFFIC SOUTH OF FRANKLIN ROAD AT ALL TIMES EXCEPT WHEN TEMPORARY LANE CLOSURES ARE APPROVED BY ACHD.
5. CONSTRUCTION SIGNS, TRAFFIC CONTROL DEVICES AND TAPER LENGTHS SHALL MEET OR EXCEED THE REQUIREMENTS OF THE CURRENT VERSION OF MUTCD ADOPTED BY THE STATE.
6. CONSTRUCTION TRAFFIC CONTROL SIGNS THAT ARE LOCATED ON THE PROJECT LONGER THAN THREE DAYS MUST BE INSTALLED AS A PERMANENT INSTALLATION, MOUNTED ON A WOOD OR STEEL POST. SIGN FACES SHALL BE COMPLETELY COVERED OR REMOVED FROM THE ROADWAY WHEN NOT IN USE.
7. CONSTRUCTION PHASING JOINTS FOR CONCRETE PAVEMENT SHALL BE PLACED ON LANE LINES OR PERPENDICULAR TO LANE LINES. CONSTRUCTION PHASING JOINTS FOR PLANT MIX PAVEMENT SHALL BE PLACED ON LANE LINES, ALONG THE CENTER OF LANES OR PERPENDICULAR TO LANE LINES. SEE TYPICAL SECTIONS AND PAVEMENT MARKINGS SHEETS.
8. CONFLICTING PAINT PAVEMENT MARKINGS SHALL BE COMPLETELY OBLITERATED PRIOR TO SHIFTING TRAFFIC, ITEM SP-1400.
9. CHANGES IN TRAFFIC PATTERNS THAT WILL BE IN PLACE FOR LONGER THAN THREE DAYS REQUIRE PAINT PAVEMENT MARKINGS ON ASPHALT PAVEMENT SURFACES, ITEM 103.4.L.K.J, AND TAPE PAVEMENT MARKINGS ON CONCRETE PAVEMENT SURFACES, ITEM 103.4.L.K.J. NO PAINT IS ALLOWED ON THE CONCRETE PAVEMENT. ALL PAINT PLACED ON THE OVERLAID OR FINAL ASPHALT PAVEMENT SHALL BE IN THE FINAL LANE CONFIGURATION. NO PAINT FOR TEMPORARY LANES WILL BE ALLOWED ON THE FINAL PAVEMENT SURFACE.
10. TRAFFIC SIGNAL MODIFICATIONS REQUIRED TO ACCOMMODATE THE TRAFFIC OPERATIONS FOR THE CONSTRUCTION PHASING WILL BE PAID UNDER BID ITEM SP-1000. VIDEO DETECTION CABLING SHALL BE INSTALLED BY THE CONTRACTOR. ACHD FORCES WILL INSTALL THE CAMERAS AND CALIBRATE THE VIDEO DETECTION SYSTEMS.

NOTES

- A] INSTALL TEMPORARY STOP CONTROL ON ALL THREE APPROACHES AT THE CORPORATE/PROGRESS INTERSECTION FOR THE DURATION OF PHASE 3 AND 4, ITEM 103.4.L.B.J.
- B] REMOVE ADVANCED WARNING SIGNS WHEN THE SIGNING AND PAVEMENT MARKINGS MODIFICATIONS TO CREATE TWO NORTHBOUND LANES ON MAIN STREET NORTH OF FRANKLIN ROAD ARE COMPLETED IN CONSTRUCTION PHASE 1.
- C] INSTALL ADVANCED WARNING SIGNS WHEN THE SIGNING AND PAVEMENT MARKINGS MODIFICATIONS TO CREATE TWO NORTHBOUND LANES ON MAIN STREET NORTH OF FRANKLIN ROAD ARE COMPLETED IN CONSTRUCTION PHASE 1.

Revisions:

SIGNATURES





Design By: SIX MILE ENGINEERING, PA Date: 7/07 Drawn By: SIX MILE ENGINEERING, PA Date: 7/07

SHEET TITLE
CONSTRUCTION PHASING PLAN (1 OF 6)

SIX MILE ENGINEERING

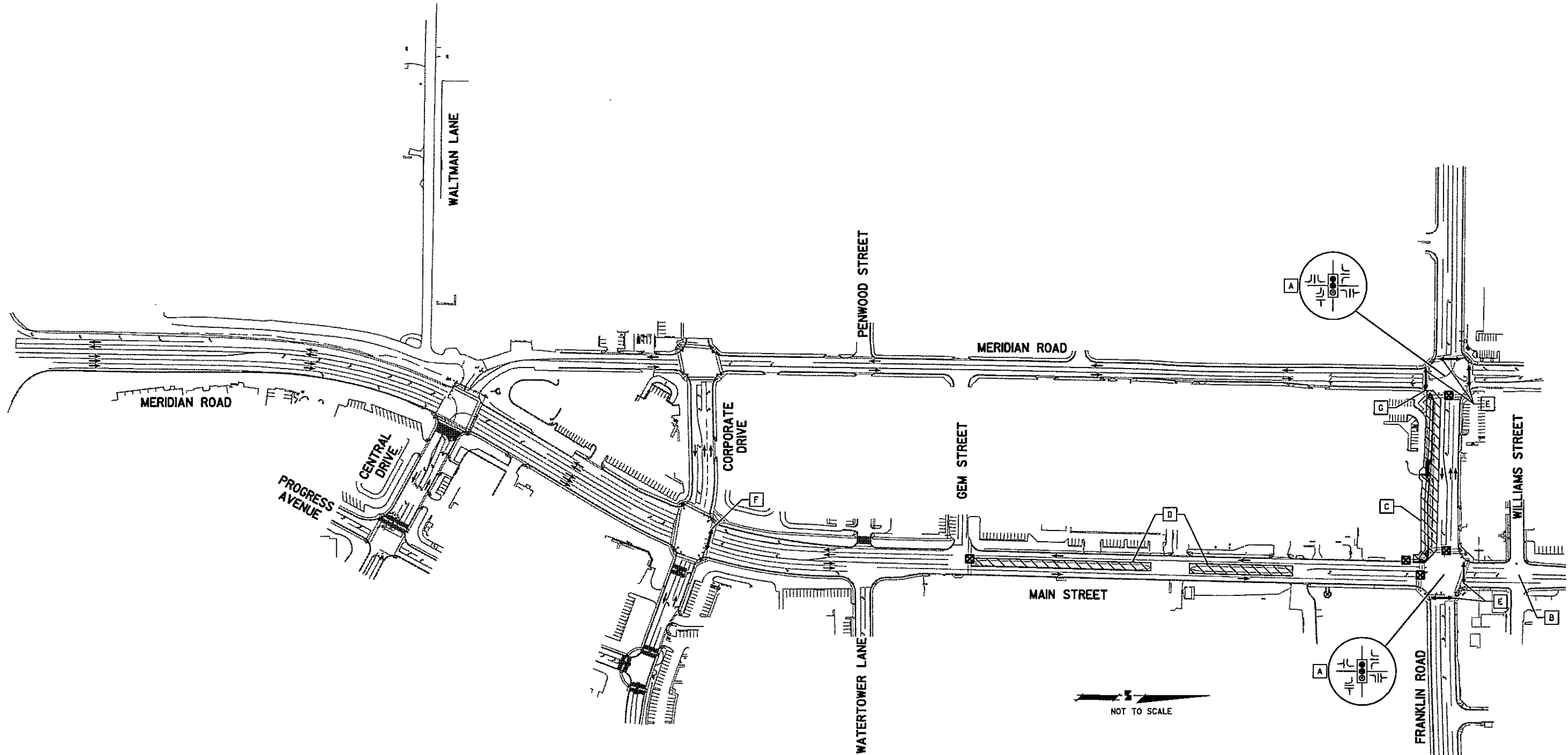


LEGEND

-  CONSTRUCTION WORK ZONE
-  THRU-LANE TRAVEL DIRECTION
-  SIDEWALK/CROSSWALK CLOSURE
-  PEDESTRIAN DETOUR ROUTING

CONSTRUCTION PHASE I NOTES

- A** PHASE I MODIFIES THE EXISTING TRAFFIC SIGNALS AT THE MAIN/FRANKLIN AND MERIDIAN/FRANKLIN INTERSECTIONS TO ACCOMMODATE PHASE I TRAFFIC OPERATIONS.
- B** PHASE I REMOVES THE EXISTING TWO-WAY LEFT-TURN LANE ON MAIN STREET AND PLACES PAVEMENT MARKINGS AND SIGNING TO CREATE TWO NORTHBOUND LANES FROM FRANKLIN ROAD TO BROADWAY AVENUE.
- C** PHASE I WIDENS FRANKLIN ROAD BETWEEN MERIDIAN ROAD AND MAIN STREET.
- D** PHASE I REMOVES THE LANDSCAPED MEDIAN ISLANDS ON MAIN STREET.
- E** DURING CONSTRUCTION ON FRANKLIN ROAD, THE SOUTH SIDE OF FRANKLIN ROAD SHALL BE CLOSED TO PEDESTRIANS BETWEEN MERIDIAN ROAD AND MAIN STREET. PEDESTRIANS SHALL BE ROUTED TO NORTH SIDE OF FRANKLIN ROAD.
- F** DURING CONSTRUCTION ON FRANKLIN ROAD, NOTIFY NORTHBOUND PEDESTRIANS ON MAIN STREET OF FRANKLIN SIDEWALK CLOSURE AND ROUTE TO SIDEWALK ON EAST SIDE OF ROADWAY AT CORPORATE DRIVE.
- G** DURING CONSTRUCTION ON FRANKLIN ROAD, MAINTAIN EXISTING PEDESTRIAN CROSSING ON SOUTHEAST CORNER OF MERIDIAN/FRANKLIN INTERSECTION.
 1. PRIOR TO IMPLEMENTING TRAFFIC RESTRICTIONS REQUIRED TO WIDEN FRANKLIN ROAD (TASK C), THE TRAVEL LANE MODIFICATIONS ON MAIN STREET FROM FRANKLIN ROAD TO BROADWAY AVENUE (TASK B) AND SIGNAL MODIFICATIONS AT THE MAIN/FRANKLIN AND MERIDIAN/FRANKLIN INTERSECTIONS (TASK A) SHALL BE COMPLETED.
 2. EXISTING SIGNAL OPERATIONS SHALL BE MAINTAINED AT THE REMAINING EXISTING SIGNALIZED INTERSECTIONS FOR PHASE I.



NOT TO SCALE

CONSTRUCTION PHASE I WORK ZONES AND TRAFFIC OPERATIONS

Revisions:

SIGNATURES





Design By: SIX MILE ENGINEERING, PA Date: 7/07 Drawn By: SIX MILE ENGINEERING, PA Date: 7/07

SHEET TITLE
CONSTRUCTION PHASING PLAN (2 OF 6)

SIX MILE ENGINEERING

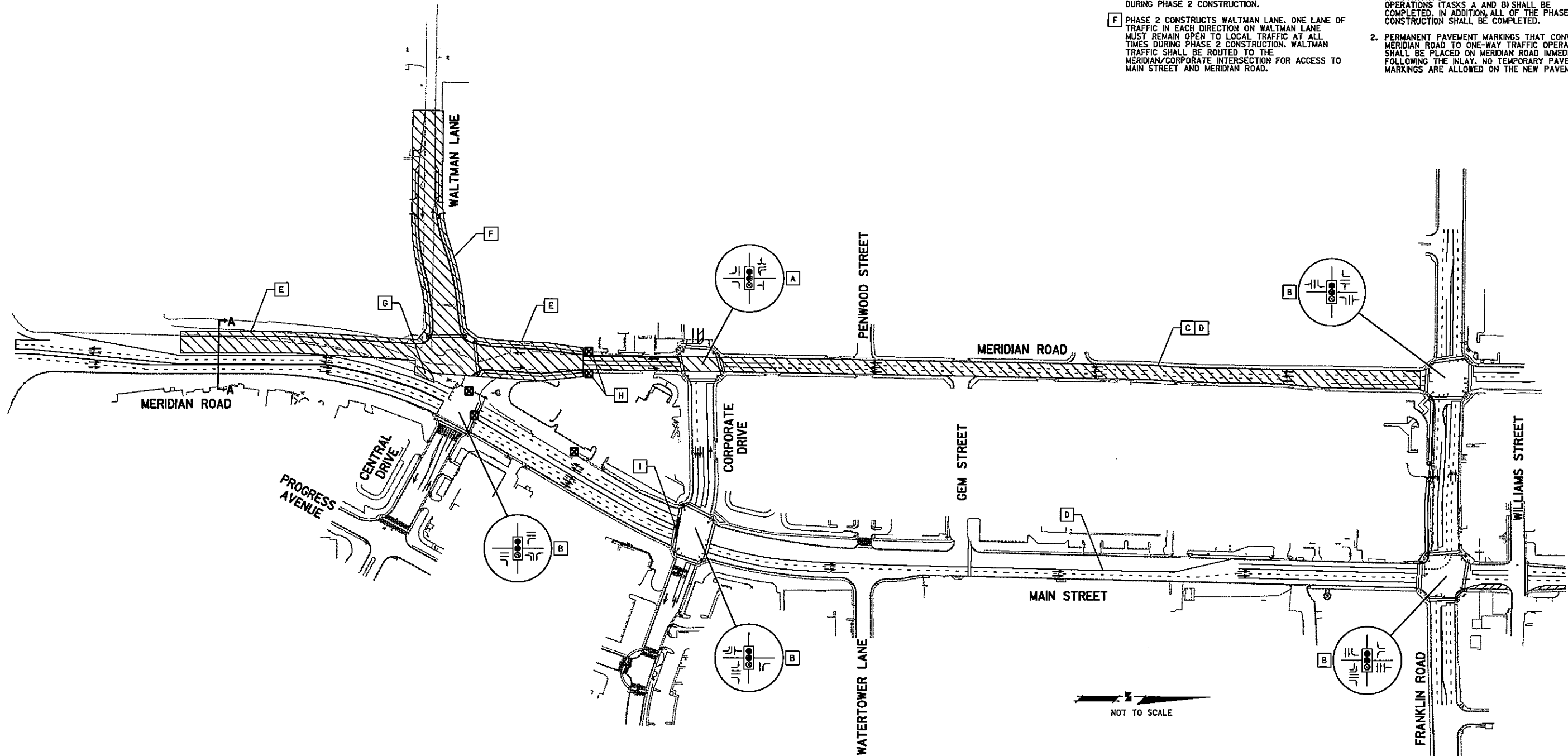
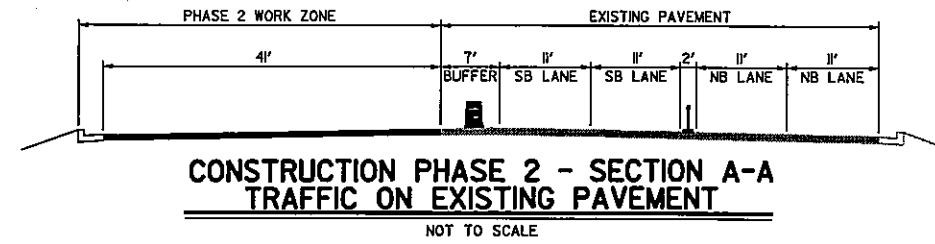


LEGEND

-  CONSTRUCTION WORK ZONE
-  THRU-LANE TRAVEL DIRECTION
-  SIDEWALK/CROSSWALK CLOSURE
-  PEDESTRIAN DETOUR ROUTING

CONSTRUCTION PHASE 2 NOTES

- A** PHASE 2 CONSTRUCTS A TEMPORARY SIGNAL AT THE MERIDIAN/CORPORATE INTERSECTION TO ACCOMMODATE PHASE 2 TRAFFIC OPERATIONS.
 - B** PHASE 2 MODIFIES THE EXISTING TRAFFIC SIGNALS AT THE MAIN/MERIDIAN, MAIN/CORPORATE, MAIN/FRANKLIN AND MERIDIAN/FRANKLIN INTERSECTIONS AS NECESSARY TO ACCOMMODATE PHASE 2 TRAFFIC OPERATIONS.
 - C** PHASE 2 ROTOMILLS AND INLAYS MERIDIAN ROAD FROM THE NORTHERN PLANT MIX PAVEMENT LIMITS OF THE MERIDIAN/MAIN INTERSECTION TO FRANKLIN ROAD.
 - D** PHASE 2 PLACES PAVEMENT MARKINGS AND SIGNING ON MERIDIAN ROAD AND MAIN STREET TO DEVELOP A ONE-WAY COUPLET SOUTH OF FRANKLIN ROAD.
 - E** PHASE 2 CONSTRUCTS THE SOUTHBOUND LANES ON MERIDIAN ROAD. ONE LANE OF TRAFFIC IN EACH DIRECTION MUST REMAIN OPEN AT ALL TIMES FOR BUSINESS AND LOCAL ACCESS NORTH OF WALTMAN DURING PHASE 2 CONSTRUCTION.
 - F** PHASE 2 CONSTRUCTS WALTMAN LANE. ONE LANE OF TRAFFIC IN EACH DIRECTION ON WALTMAN LANE MUST REMAIN OPEN TO LOCAL TRAFFIC AT ALL TIMES DURING PHASE 2 CONSTRUCTION. WALTMAN TRAFFIC SHALL BE ROUTED TO THE MERIDIAN/CORPORATE INTERSECTION FOR ACCESS TO MAIN STREET AND MERIDIAN ROAD.
 - G** PHASE 2 CONSTRUCTS THE WEST SIDE OF THE MEDIAN ISLAND AT THE MAIN/MERIDIAN INTERSECTION TO THE EXTENT THAT THE TRAFFIC SIGNAL POLE (POLE 1) IN THE MEDIAN CAN BE INSTALLED. PHASE 2 ALSO CONSTRUCTS THE WEST PORTION OF THE MAIN/MERIDIAN TRAFFIC SIGNAL TO SERVE AS A TEMPORARY TRAFFIC SIGNAL FOR THE PHASE 3 AND PHASE 4 TRAFFIC OPERATIONS.
 - H** DURING PHASE 2 CONSTRUCTION, DETOUR SOUTHBOUND PEDESTRIANS TO CORPORATE DRIVE AND EAST TO MAIN STREET.
 - I** DURING PHASE 2 CONSTRUCTION, PEDESTRIANS CROSSING MAIN STREET AT THE MERIDIAN/MAIN INTERSECTION SHALL BE DETOURED TO THE CORPORATE/MAIN INTERSECTION.
1. PRIOR TO IMPLEMENTING THE PHASE 2 TRAFFIC OPERATIONS, THE PAVEMENT MARKINGS AND SIGNING FOR THE ONE-WAY COUPLET (TASKS C AND D) AND THE NECESSARY TRAFFIC SIGNAL MODIFICATIONS TO ACCOMMODATE PHASE 2 TRAFFIC OPERATIONS (TASKS A AND B) SHALL BE COMPLETED. IN ADDITION, ALL OF THE PHASE 1 CONSTRUCTION SHALL BE COMPLETED.
2. PERMANENT PAVEMENT MARKINGS THAT CONVERT MERIDIAN ROAD TO ONE-WAY TRAFFIC OPERATIONS SHALL BE PLACED ON MERIDIAN ROAD IMMEDIATELY FOLLOWING THE INLAY. NO TEMPORARY PAVEMENT MARKINGS ARE ALLOWED ON THE NEW PAVEMENT.



CONSTRUCTION PHASE 2 WORK ZONES AND TRAFFIC OPERATIONS

Revisions:

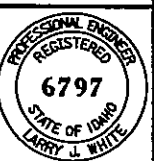
• SIGNATURES •

Design By: SIX MILE ENGINEERING, PA Date: 7/07 Drawn By: SIX MILE ENGINEERING, PA Date: 7/07





• SHEET TITLE •

CONSTRUCTION PHASING PLAN (3 OF 6)

SIX MILE ENGINEERING

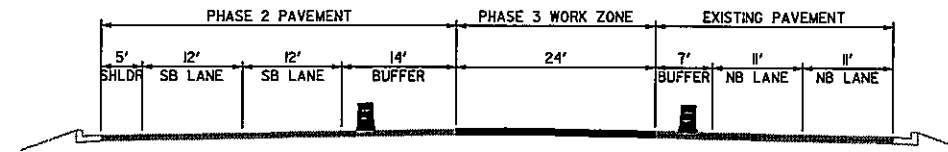


LEGEND

-  CONSTRUCTION WORK ZONE
-  THRU-LANE TRAVEL DIRECTION
-  SIDEWALK/CROSSWALK CLOSURE
-  PEDESTRIAN DETOUR ROUTING

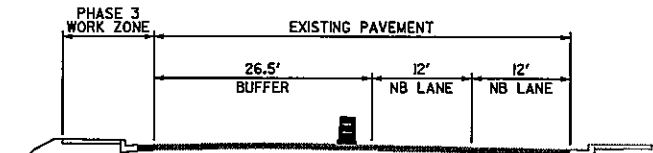
CONSTRUCTION PHASE 3 NOTES

- A** PHASE 3 MODIFIES THE TRAFFIC SIGNALS AT THE MAIN/CORPORATE AND MERIDIAN/CORPORATE INTERSECTIONS AS NECESSARY TO ACCOMMODATE PHASE 3 AND 4 TRAFFIC OPERATIONS.
- B** PHASE 3 REMOVES THE TRAFFIC SIGNAL CONTROL AT CENTRAL DRIVE AND REPLACES IT WITH STOP CONTROL. CENTRAL DRIVE TRAFFIC IS RESTRICTED TO RIGHT-IN/RIGHT-OUT OPERATIONS DURING CONSTRUCTION PHASES 3 AND 4.
- C** PHASE 3 INSTALLS TEMPORARY ALL-WAY STOP CONTROL AT THE CORPORATE/PROGRESS INTERSECTION TO ACCOMMODATE PHASE 3 AND PHASE 4 TRAFFIC OPERATIONS.
- D** PHASE 3 CONSTRUCTS THE WEST HALF OF THE NORTHBOUND LANES ON MERIDIAN ROAD SOUTH OF CENTRAL DRIVE AND THE NORTHBOUND LEFT-TURN LANE AT THE MAIN/MERIDIAN INTERSECTION.
- E** PHASE 3 CONSTRUCTS THE CURB, GUTTER AND SIDEWALK ON THE WEST SIDE OF MAIN STREET.
- F** DETOUR PEDESTRIANS CROSSING MAIN STREET AT THE MERIDIAN/MAIN INTERSECTION ON THE NORTH APPROACH OF THE CORPORATE/MAIN INTERSECTION TO THE PEDESTRIAN CROSSING AT THE SOUTHERN APPROACH OF THE CORPORATE/MAIN INTERSECTION.
- G** DETOUR PEDESTRIANS ON THE NORTH SIDE OF CORPORATE DRIVE AND PEDESTRIANS CROSSING CORPORATE DRIVE ON THE WEST APPROACH OF THE CORPORATE/MAIN INTERSECTION TO THE EAST PEDESTRIAN CROSSING AT THE CORPORATE/MERIDIAN INTERSECTION.
- H** MAINTAIN PEDESTRIAN SIDEWALK AND FACILITIES CROSSING GEM STREET DURING PHASE 3 CONSTRUCTION.
- I** PRIOR TO IMPLEMENTING THE PHASE 3 TRAFFIC OPERATIONS, THE NECESSARY TRAFFIC SIGNAL MODIFICATIONS TO ACCOMMODATE PHASE 3 TRAFFIC OPERATIONS (TASK A), THE STOP CONTROL FOR CENTRAL DRIVE (TASK B), THE ALL-WAY STOP CONTROL AT CORPORATE/PROGRESS (TASK C) AND ALL OF THE PHASE 2 CONSTRUCTION SHALL BE COMPLETED.



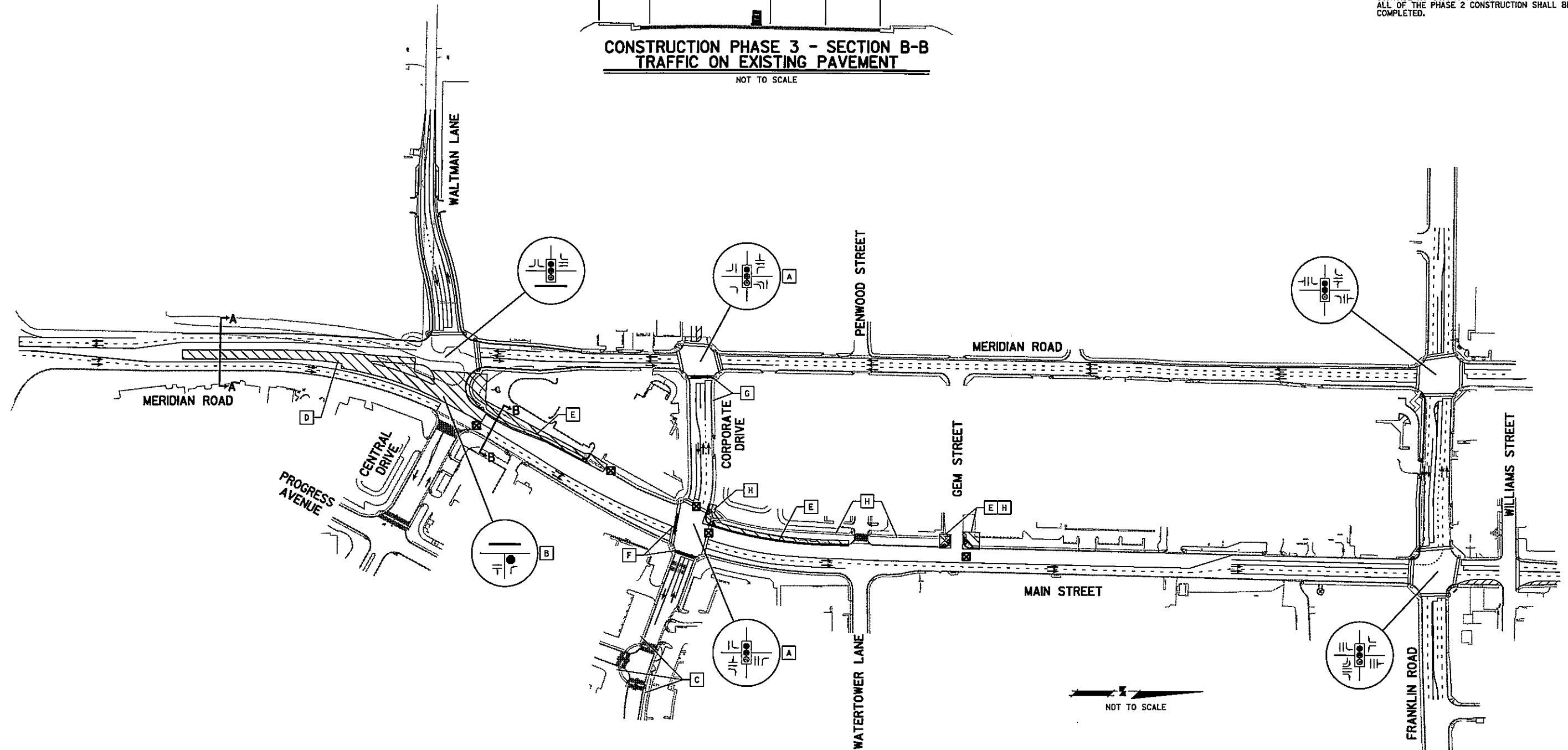
**CONSTRUCTION PHASE 3 - SECTION A-A
TRAFFIC ON PHASE 2 AND EXISTING PAVEMENT**

NOT TO SCALE



**CONSTRUCTION PHASE 3 - SECTION B-B
TRAFFIC ON EXISTING PAVEMENT**

NOT TO SCALE



NOT TO SCALE

CONSTRUCTION PHASE 3 WORK ZONES AND TRAFFIC OPERATIONS

SIX MILE ENGINEERING







Revisions:

SIGNATURES

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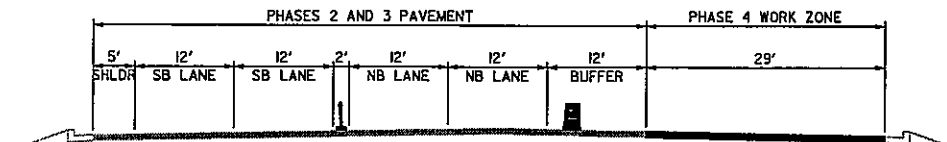
CONSTRUCTION PHASING PLAN (4 OF 6)

LEGEND

-  CONSTRUCTION WORK ZONE
-  THRU-LANE TRAVEL DIRECTION
-  SIDEWALK/CROSSWALK CLOSURE
-  PEDESTRIAN DETOUR ROUTING

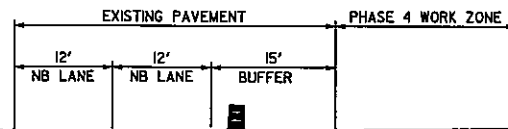
CONSTRUCTION PHASE 4 NOTES

- A** PHASE 4 CONSTRUCTS THE EAST HALF OF THE NORTHBOUND LANES AND THE CURB AND GUTTER ON MERIDIAN ROAD SOUTH OF CENTRAL DRIVE.
 - B** PHASE 4 CONSTRUCTS CENTRAL DRIVE, ONE TRAVEL LANE IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON CENTRAL DRIVE DURING PHASE 4 CONSTRUCTION.
 - C** PHASE 4 CONSTRUCTS THE CURB, GUTTER, SIDEWALK AND THE MULTI-USE PATH ON THE EAST SIDE OF MAIN STREET.
 - D** PHASE 4 CONSTRUCTS THE EAST SIDE OF THE MEDIAN ISLAND AT THE MAIN/MERIDIAN INTERSECTION THAT WAS INITIALLY CONSTRUCTED IN PHASE 2. THIS CONSTRUCTION SHALL OCCUR DURING OFF-PEAK HOURS OR AT NIGHT, AS APPROVED BY ACHD. THE WORK SHALL OCCUR AFTER THE REMAINING WORK IN PHASE 4 IS COMPLETE SO THAT TWO TRAVEL LANES NORTHBOUND CAN BE MAINTAINED.
 - E** DETOUR PEDESTRIANS CROSSING MAIN STREET AT CENTRAL DRIVE TO CORPORATE/MAIN INTERSECTION VIA PROGRESS AVENUE.
 - F** DETOUR PEDESTRIANS ON EAST SIDE OF MAIN STREET TO WEST SIDE OF MAIN STREET AT CORPORATE DRIVE. MAINTAIN PEDESTRIAN FACILITIES CROSSING MAIN STREET AT THE SOUTHEAST AND NORTHEAST CORNERS OF THE CORPORATE/MAIN INTERSECTION. PEDESTRIANS SHALL CROSS CORPORATE DRIVE ON WEST APPROACH ONLY.
- I. PRIOR TO IMPLEMENTING THE PHASE 4 TRAFFIC OPERATIONS, PHASE 3 CONSTRUCTION SHALL BE COMPLETED.



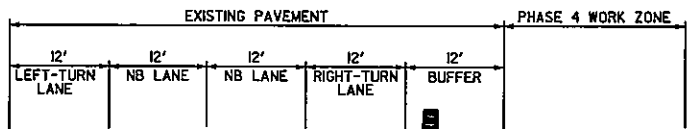
**CONSTRUCTION PHASE 4 - SECTION A-A
TRAFFIC ON PHASE 2 AND 3 PAVEMENT**

NOT TO SCALE



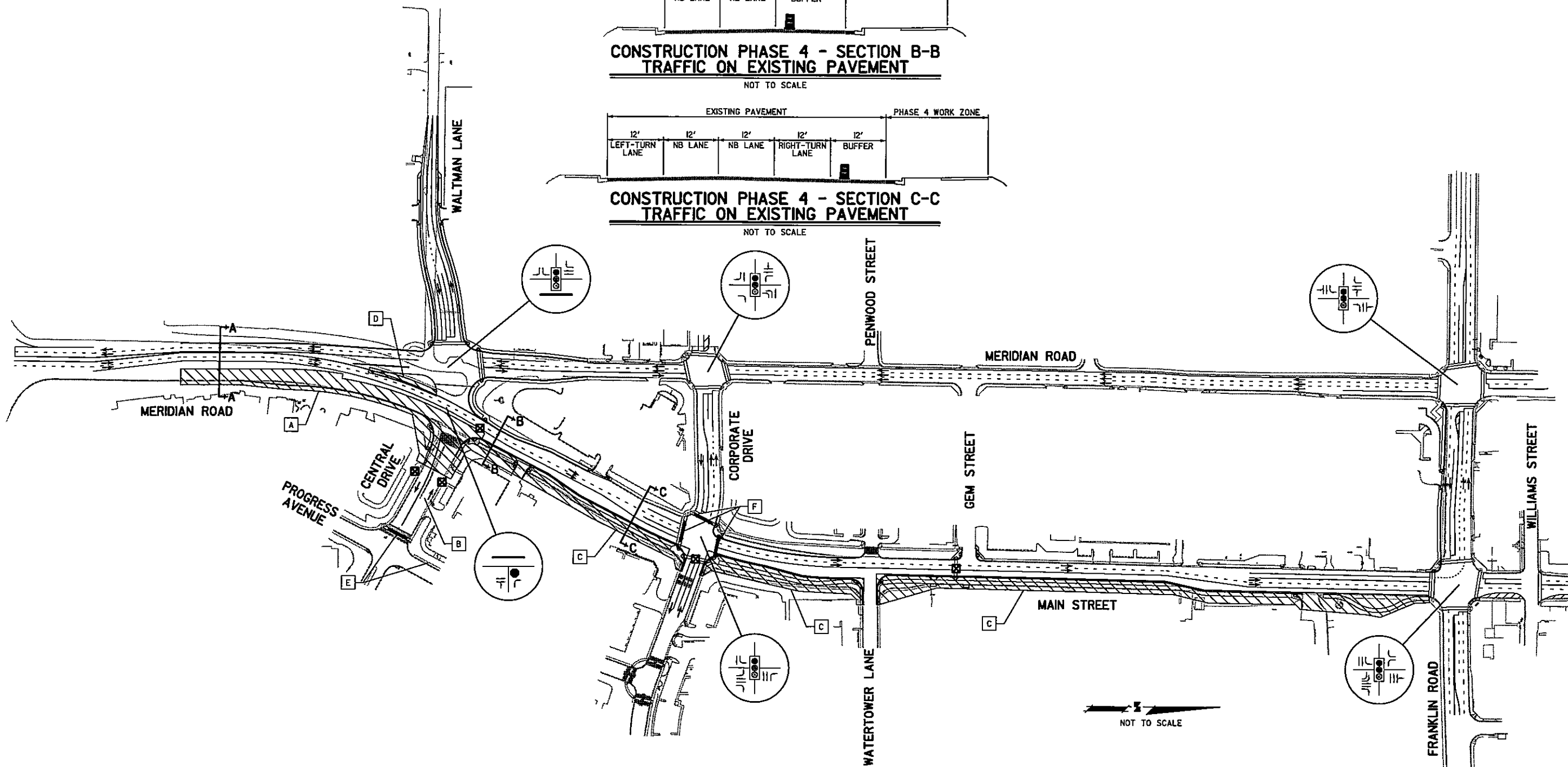
**CONSTRUCTION PHASE 4 - SECTION B-B
TRAFFIC ON EXISTING PAVEMENT**

NOT TO SCALE



**CONSTRUCTION PHASE 4 - SECTION C-C
TRAFFIC ON EXISTING PAVEMENT**

NOT TO SCALE



NOT TO SCALE

CONSTRUCTION PHASE 4 WORK ZONES AND TRAFFIC OPERATIONS

Revisions:

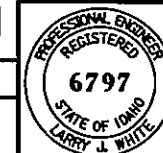
SIGNATURES

Design By: SIX MILE ENGINEERING, PA Date: 7/07 Drawn By: SIX MILE ENGINEERING, PA Date: 7/07





SHEET TITLE

CONSTRUCTION PHASING PLAN (5 OF 6)

SIX MILE ENGINEERING

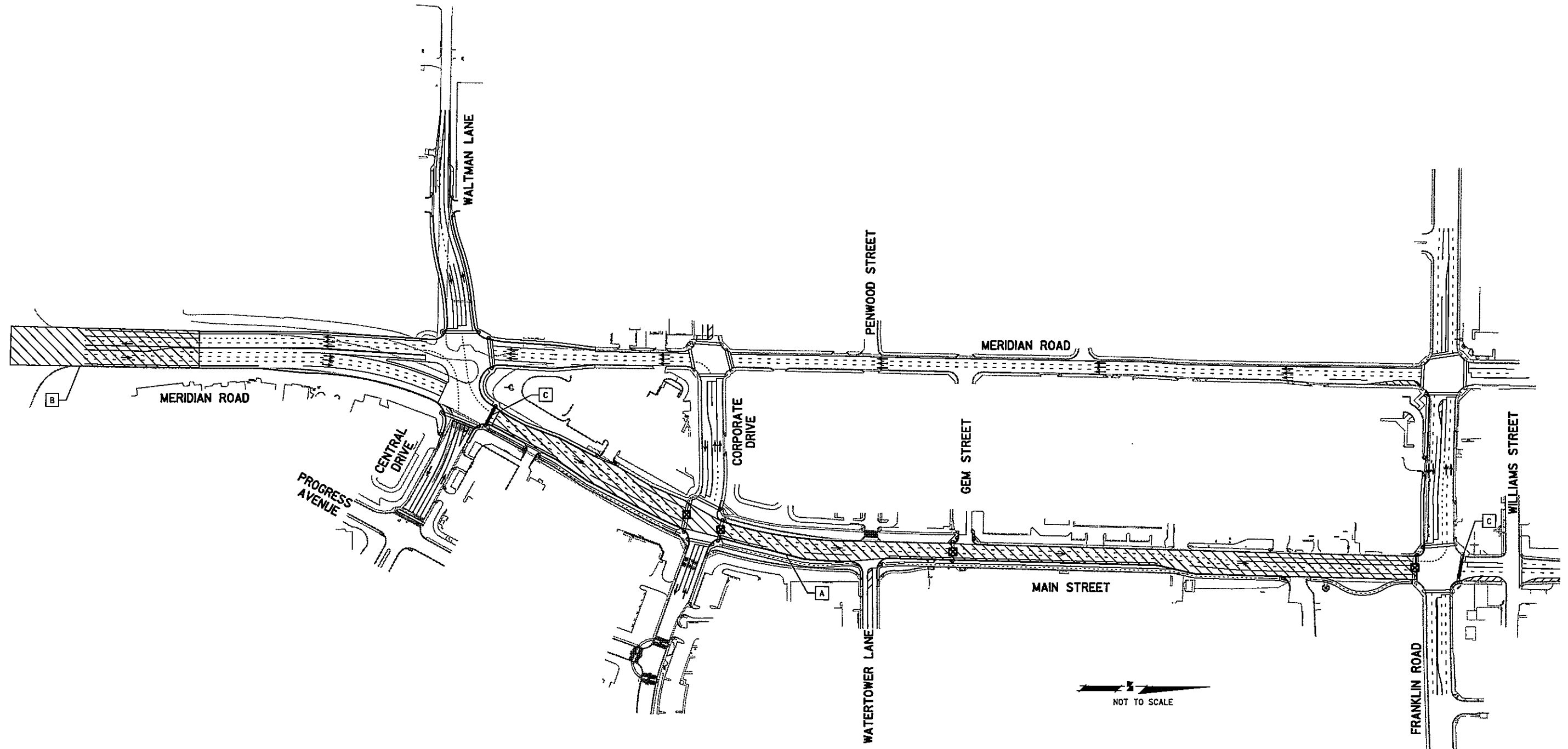


LEGEND

-  CONSTRUCTION WORK ZONE
-  THRU-LANE TRAVEL DIRECTION
-  SIDEWALK/CROSSWALK CLOSURE
-  PEDESTRIAN DETOUR ROUTING

CONSTRUCTION PHASE 5 NOTES

- A** PHASE 5 ROTOMILLS AND INLAYS MAIN STREET FROM THE NORTHERN CONCRETE LIMITS OF THE MERIDIAN/MAIN INTERSECTION TO FRANKLIN ROAD. WORK SHALL OCCUR ONLY FROM 8:00 PM TO 6:00 AM ON WEEKDAYS AND ON WEEKENDS FROM 8:00 PM FRIDAY TO 6:00 AM MONDAY, EXCLUDING HOLIDAYS. ONE TRAVEL LANE MUST BE MAINTAINED AT ALL TIMES.
- B** PHASE 5 ROTOMILLS AND INLAYS MERIDIAN ROAD FROM THE SOUTHERN PLANT MIX PAVEMENT LIMITS OF THE MERIDIAN/MAIN INTERSECTION TO THE NORTHERN LIMITS OF THE I-84 OVERPASS STRUCTURE. WORK SHALL OCCUR ONLY FROM 8:00 PM TO 6:00 AM ON WEEKDAYS AND ON WEEKENDS FROM 8:00 PM FRIDAY TO 6:00 AM MONDAY, EXCLUDING HOLIDAYS. ONE TRAVEL LANE IN EACH DIRECTION MUST BE MAINTAINED AT ALL TIMES.
- C** DETOUR PEDESTRIANS CROSSING MAIN STREET AT CORPORATE, GEM AND THE SOUTH FRANKLIN CROSSWALKS TO THE CENTRAL DRIVE AND NORTH FRANKLIN CROSSWALKS.
 1. PHASE 5 ROTOMILLING AND INLAY CAN OCCUR DURING PHASE 4 CONSTRUCTION.
 2. TEMPORARY PAVEMENT MARKINGS ON THE NEW PAVEMENT ARE PROHIBITED.



CONSTRUCTION PHASE 5 WORK ZONES AND TRAFFIC OPERATIONS

SIX MILE ENGINEERING



Revisions:

SIGNATURES

SHEET TITLE

CONSTRUCTION PHASING PLAN (6 OF 6)

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