

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

NEWBURY - NEWBURYPORT - SALISBURY
ROUTE 1

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|------------------|-------------------------|-----------|--------------|
| MA | NHP(NHS)/HPP-003S(264)X | 1 | 205 |
| PROJECT FILE NO. | | 608494 | |

TITLE SHEET & INDEX

PLAN AND PROFILE OF
NEWBURYPORT TURNPIKE - BRIDGE ROAD (ROUTE 1)
(BRIDGE NO. N10009, N10004, N10005, N11015, N11013, N11011)

IN THE CITIES OF

NEWBURY - NEWBURYPORT - SALISBURY

ESSEX COUNTY

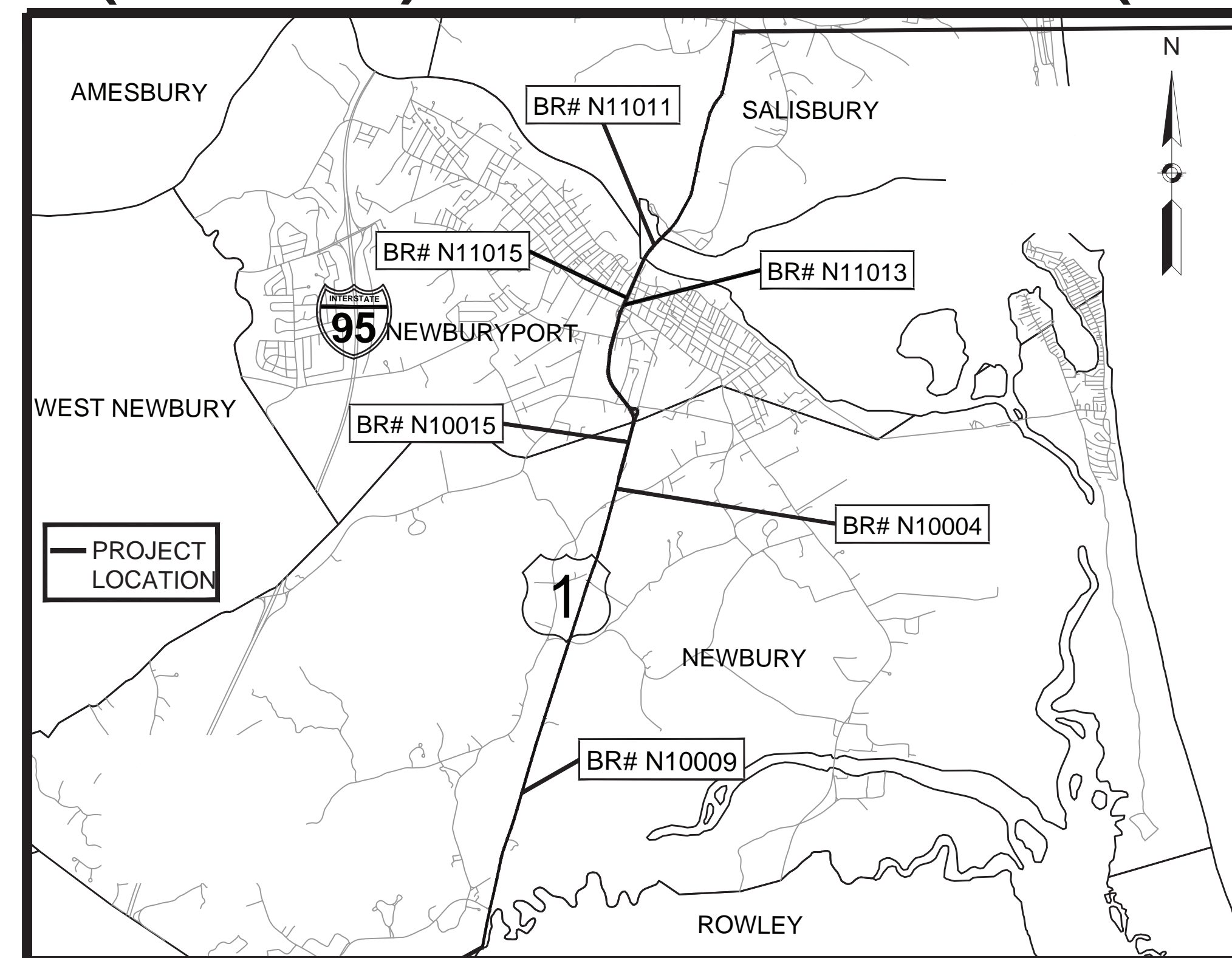
FEDERAL AID PROJECT NO.

THESE PLANS ARE SUPPLEMENTED BY THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS, THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

**THIS PLAN SET CONFORMS
TO ALL ADDENDA ISSUED
DURING THE BID PROCESS**

NHP(NHS)/HPP-003S(264)X

| SHEET NO. | DESCRIPTION |
|-----------|--|
| 1 | TITLE SHEET & INDEX |
| 2 | LEGEND & ABBREVIATIONS |
| 3 | GENERAL NOTES |
| 4-6 | KEY PLANS |
| 7-14 | TYPICAL SECTIONS |
| 15-20 | CONSTRUCTION BASELINE TIE PLANS |
| 21-56 | CONSTRUCTION PLANS |
| 57-58 | PROFILES - ROUTE 1 |
| 59 | PROFILES - MIDDLE AND HANDOVER |
| 60-62 | CONCRETE JOINTING PLANS |
| 63-72 | CURB TIE PLANS |
| 73-80 | GRADING PLANS |
| 81-87 | CONSTRUCTION DETAILS |
| 88-91 | PEDESTRIAL CURB RAMP DETAILS |
| 92 | DRIVEWAY DETAILS |
| 93-128 | TRAFFIC SIGN & PAVEMENT MARKINGS PLANS |
| 129 | TRAFFIC SIGN & PAVEMENT MARKINGS DETAILS |
| 130-133 | TRAFFIC SIGN SUMMARY |
| 134-137 | TRAFFIC SIGNAL PLANS |
| 138-170 | TRAFFIC MANAGEMENT PLANS |
| 171-179 | BRIDGE MAINTENANCE PLANS |
| 180-205 | CROSS SECTIONS |

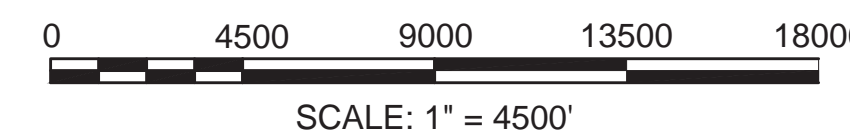


PROJECT END
STA. 4+66.19
N 3131363.0118
E 827577.5119
MM: 83.611

DESIGN DESIGNATION (ROUTE 1)

| | |
|---------------------------|--------------------|
| DESIGN SPEED | 50 MPH |
| ADT (2019) | 15,455 |
| K | 9% |
| D | 57% |
| DHV | 1,391 |
| DDHV | 793 |
| FUNCTIONAL CLASSIFICATION | PRINCIPAL ARTERIAL |

PROJECT BEGIN
STA. 00+00
N 3096475.5836
E 818014.8748
MM: 76.546



LENGTH OF PROJECT = 37,303.20 FEET = 7.065 MILES

| DATE | DESCRIPTION | REV # |
|------|-------------|-------|
| | | |
| | | |
| | | |



APPROVED
Carrie Lavallee, P.E.
Digitally signed by Carrie Lavallee, P.E.
Date: 2022.09.13 15:04:10 -0400

CHIEF ENGINEER DATE

**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
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| MA | NHP(NHS)HPP-003S(264)X | 40 | 205 |
| PROJECT FILE NO. | | 608494 | |

CONSTRUCTION PLANS

HIGHWAY GUARD DETAILS

TRANSITION TO RIGID BARRIER (DOUBLE FACED) STA 203+80 TO 203+93 RT
 GUARDRAIL, TL-3 (DOUBLE FACED) STA 203+93 TO 206+10 RT
 IMPACT ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION STA 206+10 TO 206+34 RT
 R&D EXISTING DOUBLE FACED THRIE BEAM GUARDRAIL STA 203+80 RT TO 206+22 LT

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

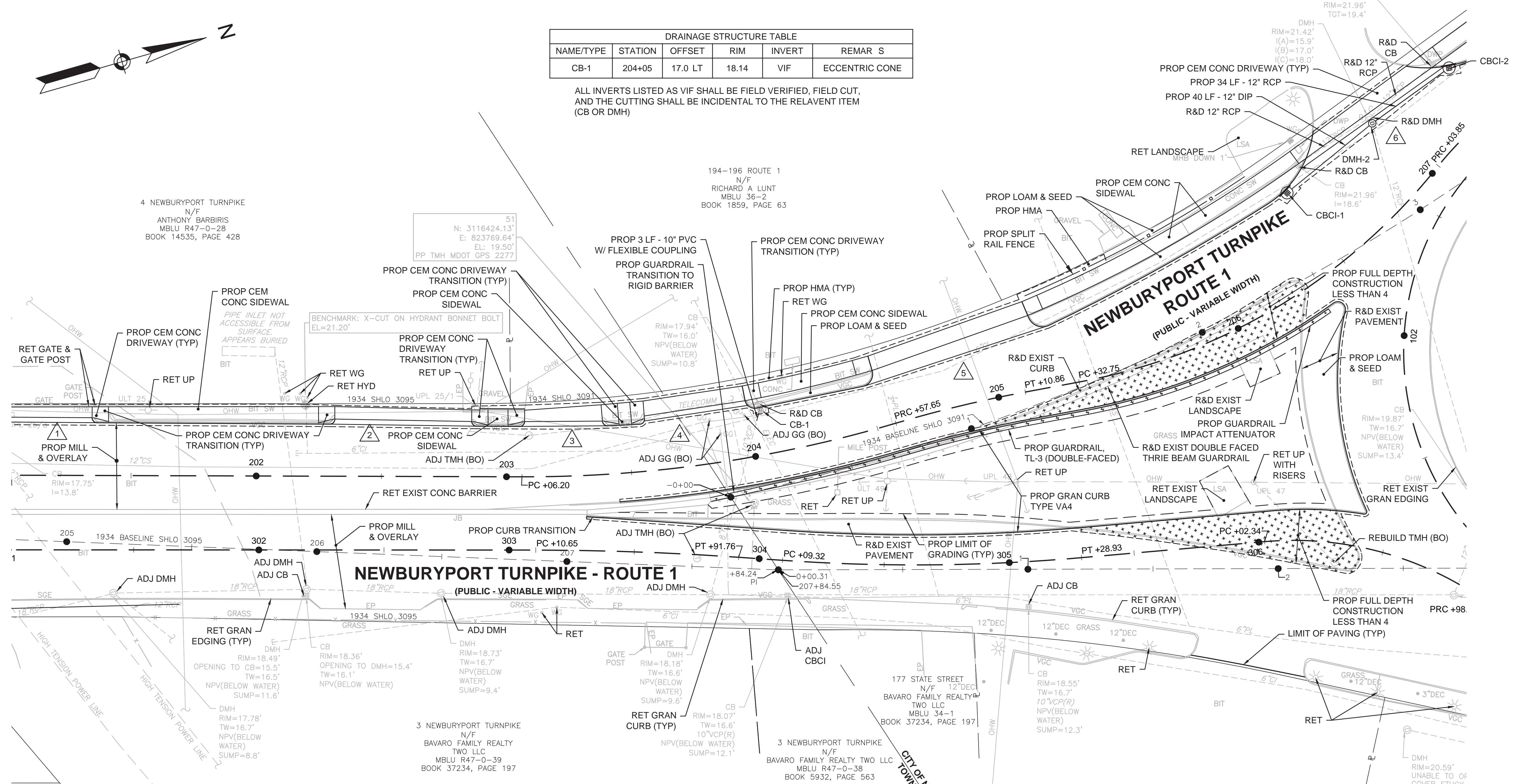
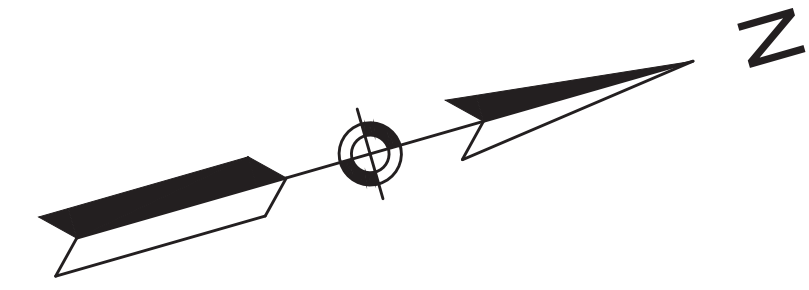
NONE

DRAINAGE DETAILS

NONE

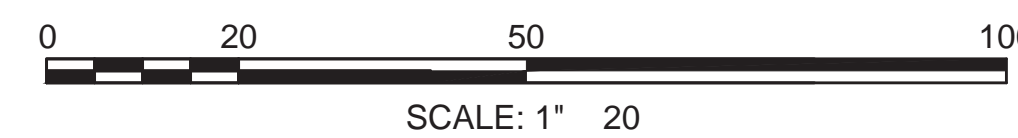
| DRAINAGE STRUCTURE TABLE | | | | | |
|--------------------------|---------|---------|-------|--------|----------------|
| NAME/TYPE | STATION | OFFSET | RIM | INVERT | REMAR S |
| CB-1 | 204+05 | 17.0 LT | 18.14 | VIF | ECCENTRIC CONE |

ALL INVERTS LISTED AS VIF SHALL BE FIELD VERIFIED, FIELD CUT, AND THE CUTTING SHALL BE INCIDENTAL TO THE RELAVENT ITEM (CB OR DMH)



NOTE:
 1. IN INSTANCES WHERE AT EXISTING MANHOLE, HANDHOLE OR OTHER STRUCTURES THAT CANNOT BE REMOVED OR RESET WITHIN THE PROPOSED ACCESSIBLE SURFACE, THE STRUCTURE SHALL BE CAREFULLY ADJUSTED SUCH THAT THE TOPMOST SURFACES OF THE STRUCTURE COVER SHALL BE FLUSH WITH THE CURB RAMP SURFACE.

FULL DEPTH HMA RECONSTRUCTION



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 Printed by: Campa, Peter (DOT)

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**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

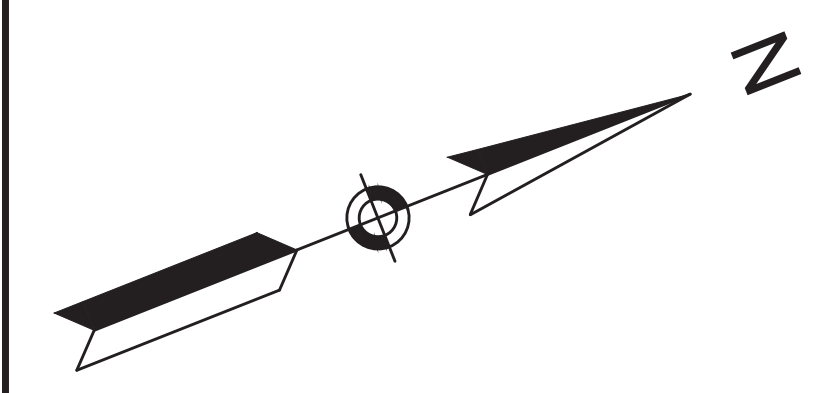
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| PROJECT FILE NO. | | 608494 | |

CONSTRUCTION PLANS

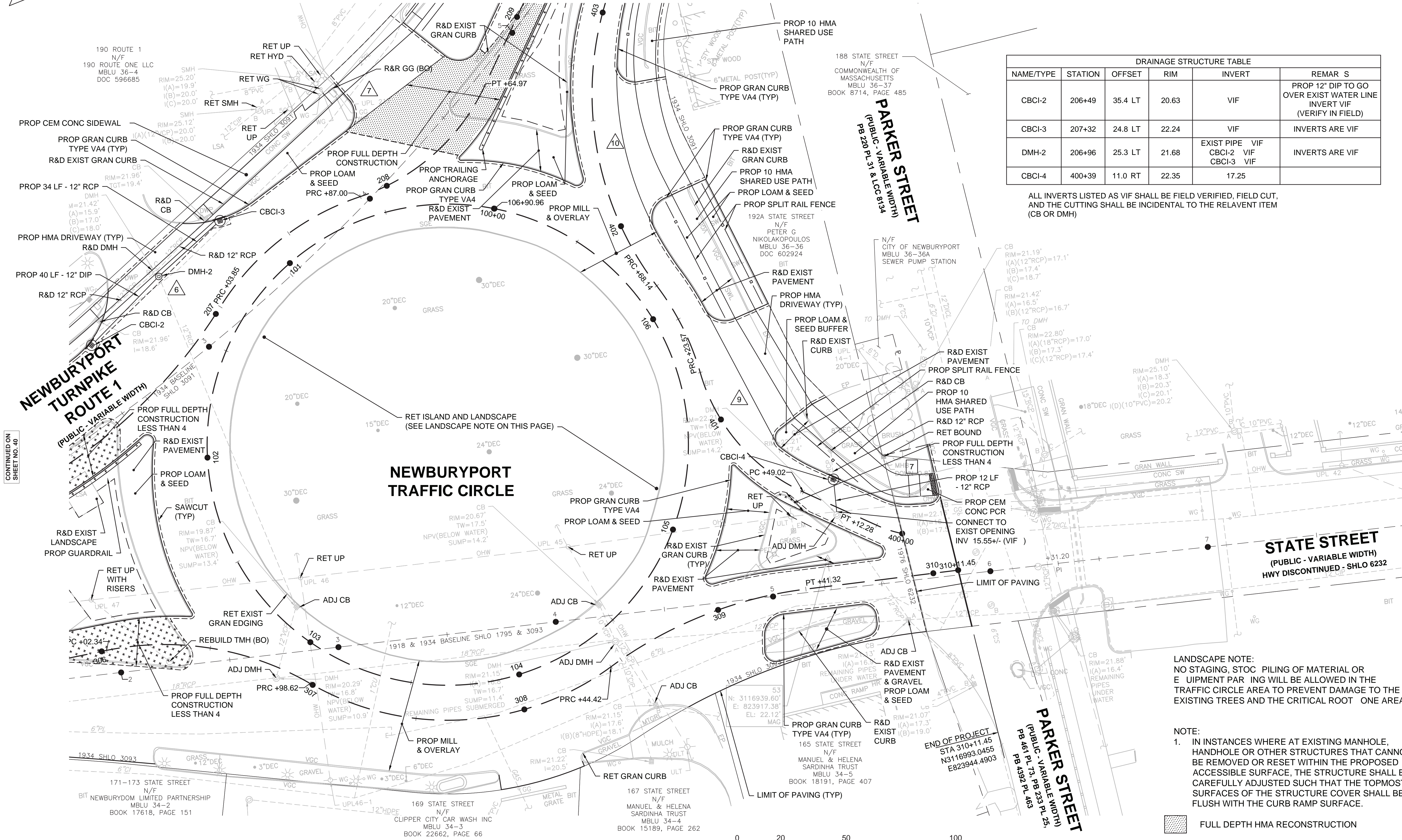
| DRAINAGE STRUCTURE TABLE | | | | | |
|--------------------------|---------|---------|-------|--|---|
| NAME/TYPE | STATION | OFFSET | RIM | INVERT | REMARKS |
| CBCI-2 | 206+49 | 35.4 LT | 20.63 | VIF | PROP 12" DIP TO GO OVER EXIST WATER LINE INVERT VIF (VERIFY IN FIELD) |
| CBCI-3 | 207+32 | 24.8 LT | 22.24 | VIF | INVERTS ARE VIF |
| DMH-2 | 206+96 | 25.3 LT | 21.68 | EXIST PIPE VIF CBCI-2 VIF CBCI-3 VIF | INVERTS ARE VIF |
| CBCI-4 | 400+39 | 11.0 RT | 22.35 | 17.25 | |

ALL INVERTS LISTED AS VIF SHALL BE FIELD VERIFIED, FIELD CUT, AND THE CUTTING SHALL BE INCIDENTAL TO THE RELEVANT ITEM (CB OR DMH)

HIGHWAY GUARD DETAILS NONE
TRAFFIC SIGNAL CONDUIT NONE
WATER SUPPLY ALTERATIONS NONE
DRAINAGE DETAILS NONE

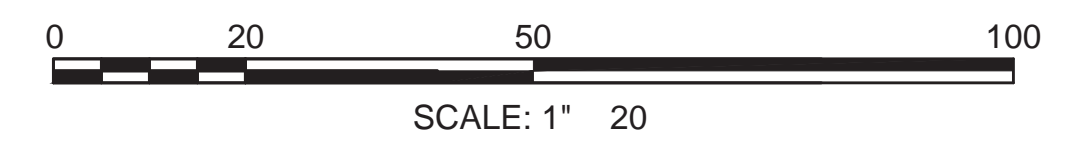


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LANDSCAPE NOTE:
NO STAGING, STOCK PILING OF MATERIAL OR EQUIPMENT PARKING WILL BE ALLOWED IN THE TRAFFIC CIRCLE AREA TO PREVENT DAMAGE TO THE EXISTING TREES AND THE CRITICAL ROOT ONE AREA.

NOTE:
1. IN INSTANCES WHERE AT EXISTING MANHOLE, HANDHOLE OR OTHER STRUCTURES THAT CANNOT BE REMOVED OR RESET WITHIN THE PROPOSED ACCESSIBLE SURFACE, THE STRUCTURE SHALL BE CAREFULLY ADJUSTED SUCH THAT THE TOPMOST SURFACES OF THE STRUCTURE COVER SHALL BE FLUSH WITH THE CURB RAMP SURFACE.



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HIGHWAY GUARD DETAILS

TRAILING ANCHORAGE STA 208+42 TO STA 208+52
 GUARDRAIL, TL-3 (DOUBLE FACED) STA 208+52 TO 209+62 RT
 IMPACT ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION STA 209+62 TO 209+82 RT

TRAILING ANCHORAGE STA 210+50 TO STA 210+60
 GUARDRAIL, TL-3 (DOUBLE FACED) STA 210+60 TO 211+40 RT

R&D EXISTING DOUBLE FACED THRIE BEAM GUARDRAIL STA 208+85 TO 212+26 RT
 R&D EXISTING W-BEAM GUARDRAIL STA 404+17 TO 404+54 RT

TRAFFIC SIGNAL CONDUIT

SEE SHEET 136

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

NONE

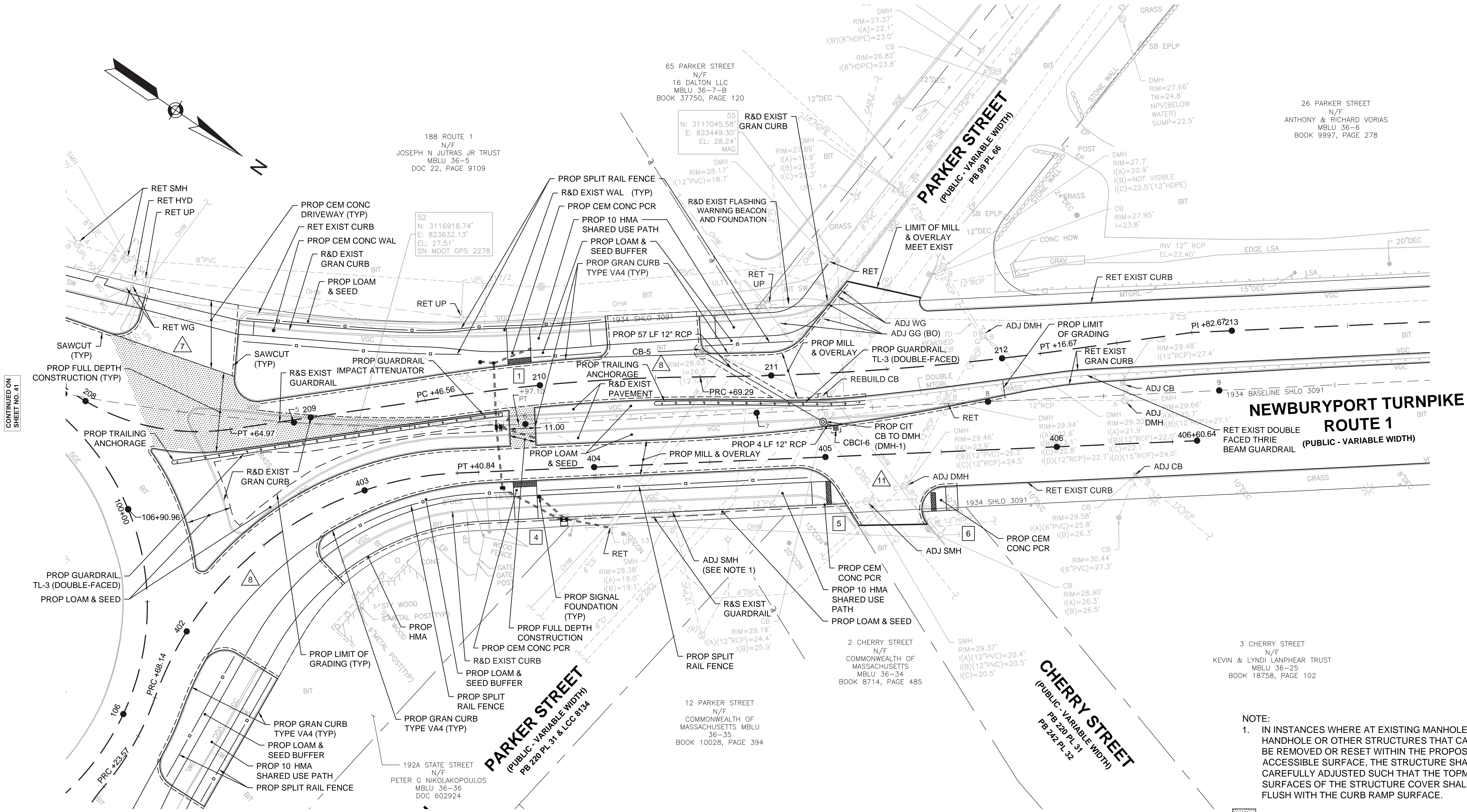
| DRAINAGE STRUCTURE TABLE | | | | | |
|--------------------------|---------|---------|-------|------------------|---------|
| NAME/TYPE | STATION | OFFSET | RIM | INVERT | REMARKS |
| CB-5 | 210+70 | 11.1 LT | 28.42 | 25.05 | |
| CBCI-6 | 405+05 | 12.3 LT | 29.20 | 24.98 | |
| DMH-1 | 405+00 | 15.3 LT | 29.72 | A 24.40 (EX OUT) | CIT |
| | | | | B 25.90 (EX CB) | |
| | | | | C 24.90 (CBCI-6) | |
| | | | | D 24.48 (CB-5) | |

CONTRACTOR TO PERFORM TEST PIT EXPLORATION TO CHEC FOR POTENTIAL CONFLICTS WITH GAS AND WATER LINES

NEWBURYPORT
 NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
 AT PARKER ST. AND STATE ST.

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|-------------------------|------------------------|-----------|--------------|
| MA | NHP(NHS)HPP-003S(264)X | 42 | 205 |
| PROJECT FILE NO. 608494 | | | |

CONSTRUCTION PLANS

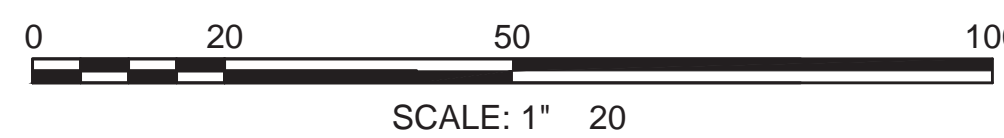


CONTINUED ON SHEET NO. 41

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NOTE:
 1. IN INSTANCES WHERE AT EXISTING MANHOLE, HANDHOLE OR OTHER STRUCTURES THAT CANNOT BE REMOVED OR RESET WITHIN THE PROPOSED ACCESSIBLE SURFACE, THE STRUCTURE SHALL BE CAREFULLY ADJUSTED SUCH THAT THE TOPMOST SURFACES OF THE STRUCTURE COVER SHALL BE FLUSH WITH THE CURB RAMP SURFACE.

FULL DEPTH HMA RECONSTRUCTION



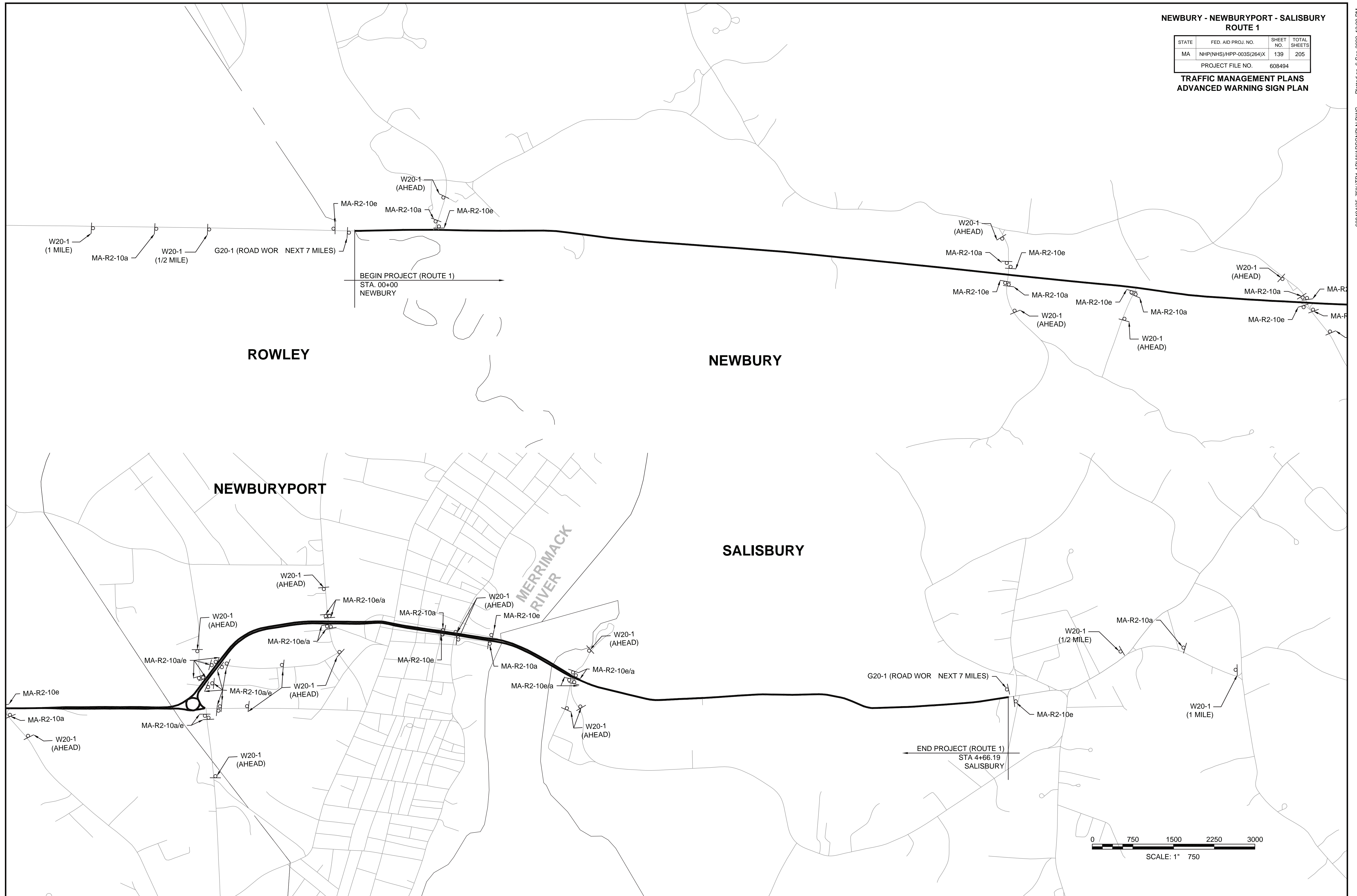
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**NEWBURY - NEWBURYPORT - SALISBURY
ROUTE 1**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
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| MA | NHP(NHS)/HPP-003S(264)X | 139 | 205 |
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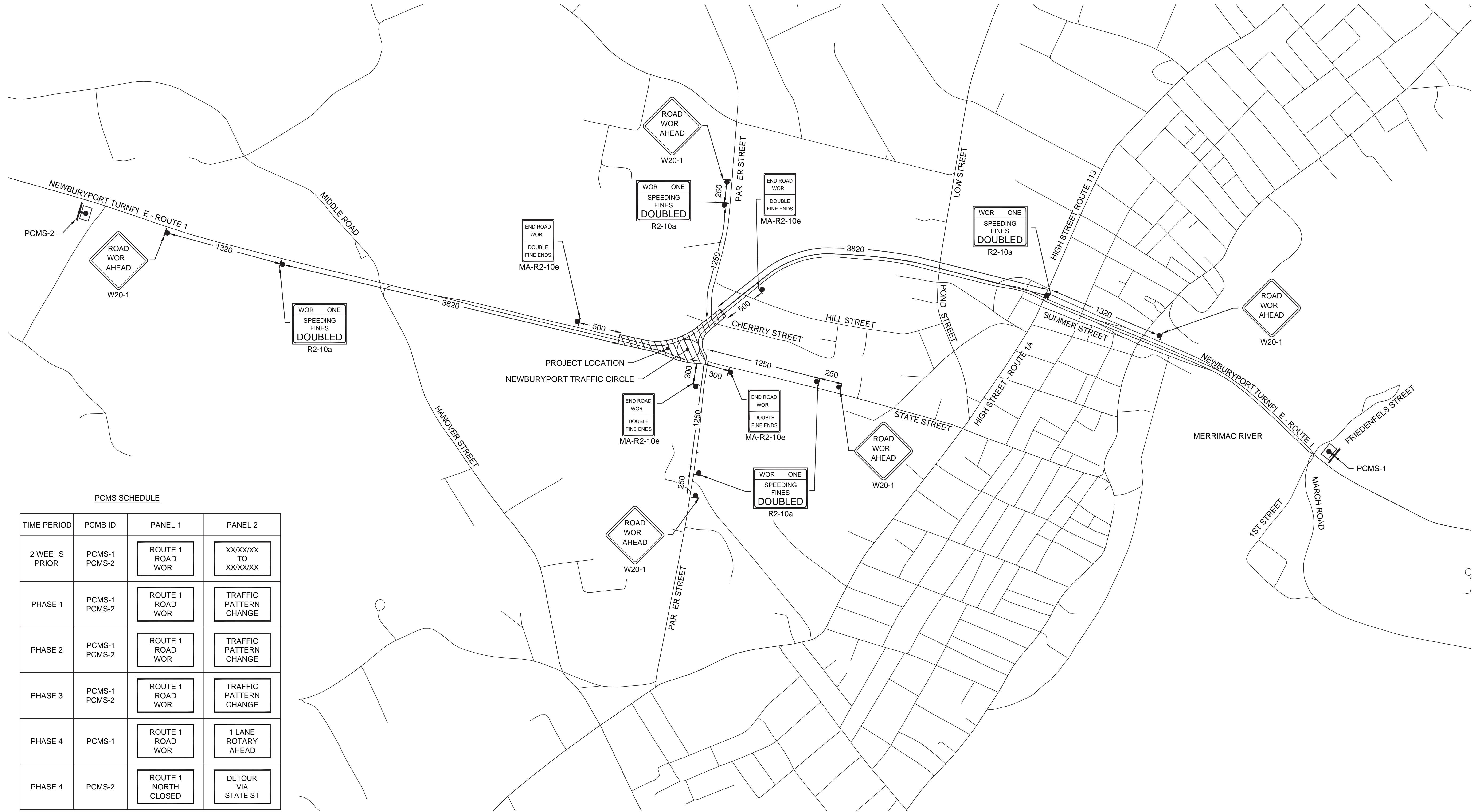
**TRAFFIC MANAGEMENT PLANS
ADVANCED WARNING SIGN PLAN**



**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|------------------|-------------------------|-----------|--------------|
| MA | NHP(NHS)/HPP-003S(264)X | 141 | 205 |
| PROJECT FILE NO. | | 608494 | |

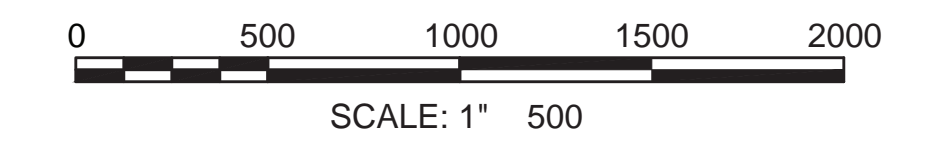
**TEMPORARY TRAFFIC CONTROL PLAN
ADVANCED SIGNAGE**



PCMS SCHEDULE

| TIME PERIOD | PCMS ID | PANEL 1 | PANEL 2 |
|------------------|------------------|----------------------------|------------------------------|
| 2 WEE S PRIOR | PCMS-1 PCMS-2 | ROUTE 1 ROAD WOR | XX/XX/XX TO XX/XX/XX |
| PHASE 1 | PCMS-1 PCMS-2 | ROUTE 1 ROAD WOR | TRAFFIC PATTERN CHANGE |
| PHASE 2 | PCMS-1 PCMS-2 | ROUTE 1 ROAD WOR | TRAFFIC PATTERN CHANGE |
| PHASE 3 | PCMS-1 PCMS-2 | ROUTE 1 ROAD WOR | TRAFFIC PATTERN CHANGE |
| PHASE 4 | PCMS-1 | ROUTE 1 ROAD WOR | 1 LANE ROTARY AHEAD |
| PHASE 4 | PCMS-2 | ROUTE 1 NORTH CLOSED | DETOUR VIA STATE ST |

NOTE:
1) PCMS SHALL BE USED 2 WEE S PRIOR TO THE START OF CONSTRUCTION AND FOR ANY MAJOR CHANGES IN TRAFFIC PATTERNS DURING CONSTRUCTION.



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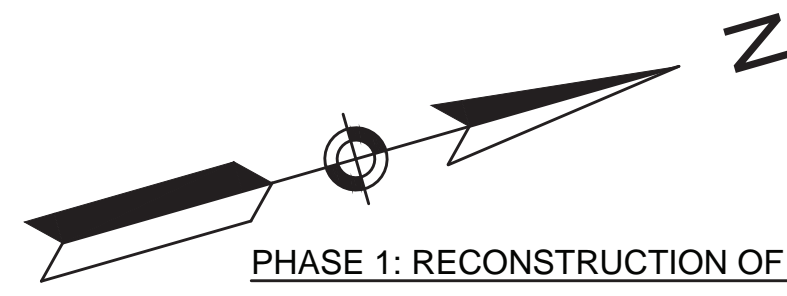
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**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
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| PROJECT FILE NO. | | 608494 | |

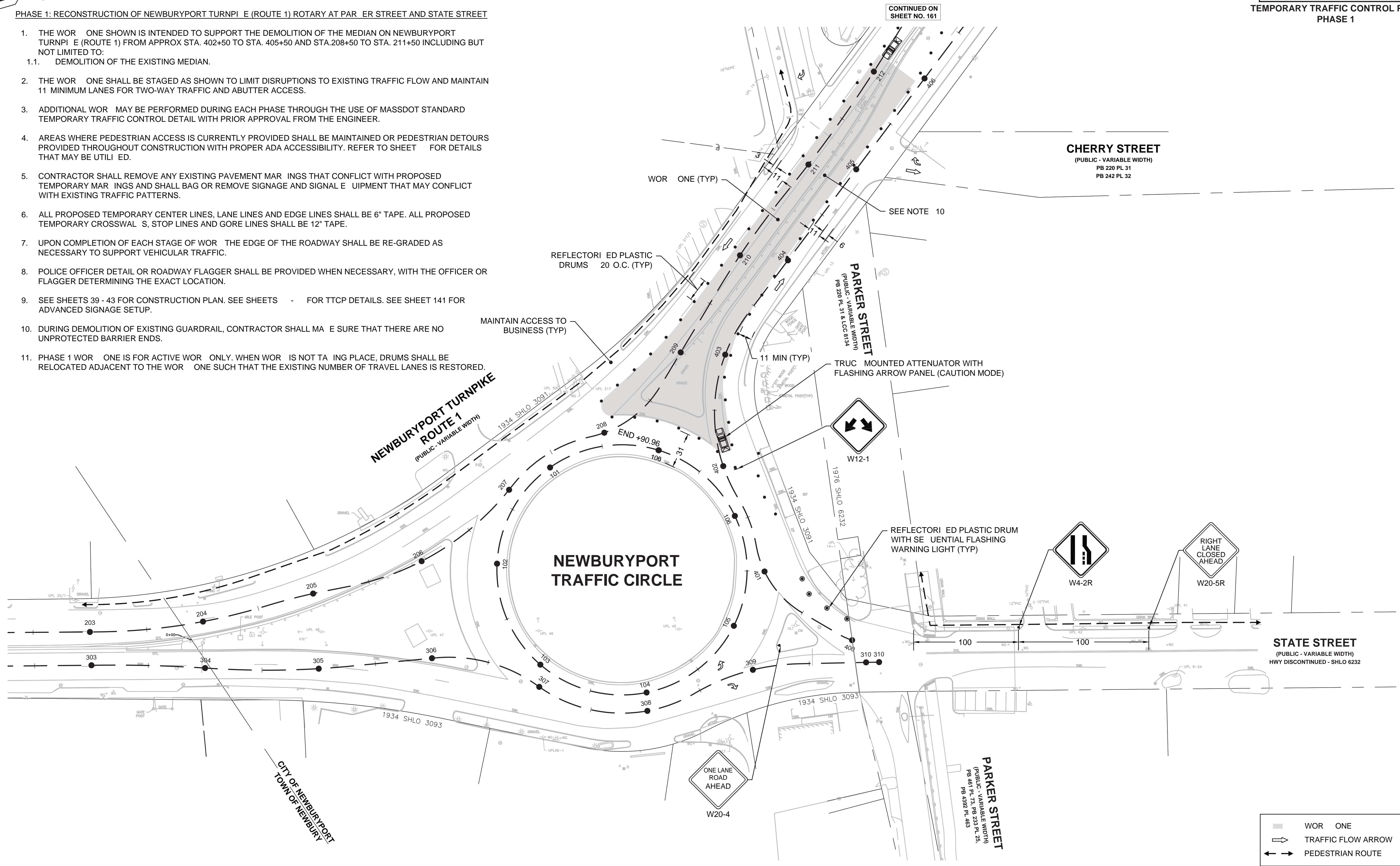
**TEMPORARY TRAFFIC CONTROL PLAN
PHASE 1**

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PHASE 1: RECONSTRUCTION OF NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY AT PARKER STREET AND STATE STREET

1. THE WORK ONE SHOWN IS INTENDED TO SUPPORT THE DEMOLITION OF THE MEDIAN ON NEWBURYPORT TURNPIKE (ROUTE 1) FROM APPROX STA. 402+50 TO STA. 405+50 AND STA. 208+50 TO STA. 211+50 INCLUDING BUT NOT LIMITED TO:
 - 1.1. DEMOLITION OF THE EXISTING MEDIAN.
2. THE WORK ONE SHALL BE STAGED AS SHOWN TO LIMIT DISRUPTIONS TO EXISTING TRAFFIC FLOW AND MAINTAIN 11 MINIMUM LANES FOR TWO-WAY TRAFFIC AND BUTTER ACCESS.
3. ADDITIONAL WORK MAY BE PERFORMED DURING EACH PHASE THROUGH THE USE OF MASSDOT STANDARD TEMPORARY TRAFFIC CONTROL DETAIL WITH PRIOR APPROVAL FROM THE ENGINEER.
4. AREAS WHERE PEDESTRIAN ACCESS IS CURRENTLY PROVIDED SHALL BE MAINTAINED OR PEDESTRIAN DETOURS PROVIDED THROUGHOUT CONSTRUCTION WITH PROPER ADA ACCESSIBILITY. REFER TO SHEET FOR DETAILS THAT MAY BE UTILIZED.
5. CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED TEMPORARY MARKINGS AND SHALL BAG OR REMOVE SIGNAGE AND SIGNAL EQUIPMENT THAT MAY CONFLICT WITH EXISTING TRAFFIC PATTERNS.
6. ALL PROPOSED TEMPORARY CENTER LINES, LANE LINES AND EDGE LINES SHALL BE 6" TAPE. ALL PROPOSED TEMPORARY CROSSWALKS, STOP LINES AND GORE LINES SHALL BE 12" TAPE.
7. UPON COMPLETION OF EACH STAGE OF WORK THE EDGE OF THE ROADWAY SHALL BE RE-GRADED AS NECESSARY TO SUPPORT VEHICULAR TRAFFIC.
8. POLICE OFFICER DETAIL OR ROADWAY FLAGGER SHALL BE PROVIDED WHEN NECESSARY, WITH THE OFFICER OR FLAGGER DETERMINING THE EXACT LOCATION.
9. SEE SHEETS 39 - 43 FOR CONSTRUCTION PLAN. SEE SHEETS FOR TTCP DETAILS. SEE SHEET 141 FOR ADVANCED SIGNAGE SETUP.
10. DURING DEMOLITION OF EXISTING GUARDRAIL, CONTRACTOR SHALL MAKE SURE THAT THERE ARE NO UNPROTECTED BARRIER ENDS.
11. PHASE 1 WORK ONE IS FOR ACTIVE WORK ONLY. WHEN WORK IS NOT TAKING PLACE, DRUMS SHALL BE RELOCATED ADJACENT TO THE WORK ONE SUCH THAT THE EXISTING NUMBER OF TRAVEL LANES IS RESTORED.



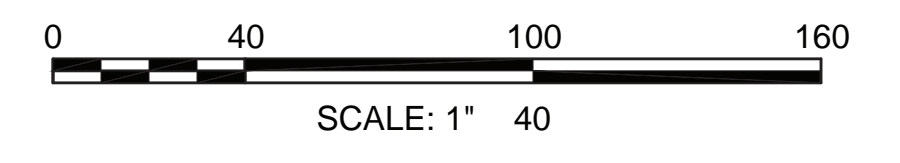
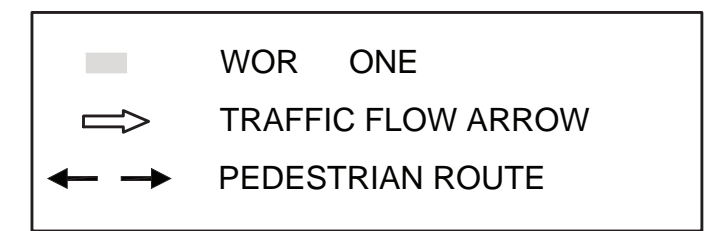
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CHERRY STREET
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PB 220 PL 31
PB 242 PL 32

PARKER STREET
(PUBLIC - VARIABLE WIDTH)
PB 208 PL 31 & LCC 8134

STATE STREET
(PUBLIC - VARIABLE WIDTH)
HWY DISCONTINUED - SHLO 6232

PARKER STREET
(PUBLIC - VARIABLE WIDTH)
PB 461 PL 428 PL 25,
PB 428 PL 463



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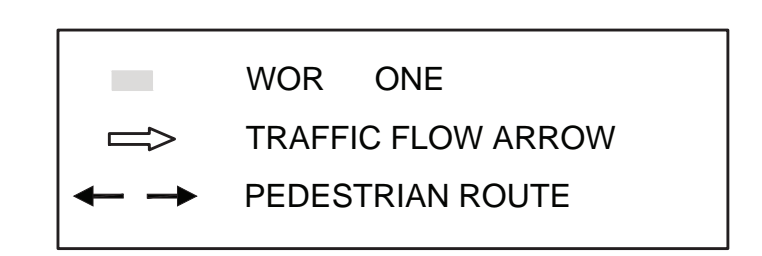
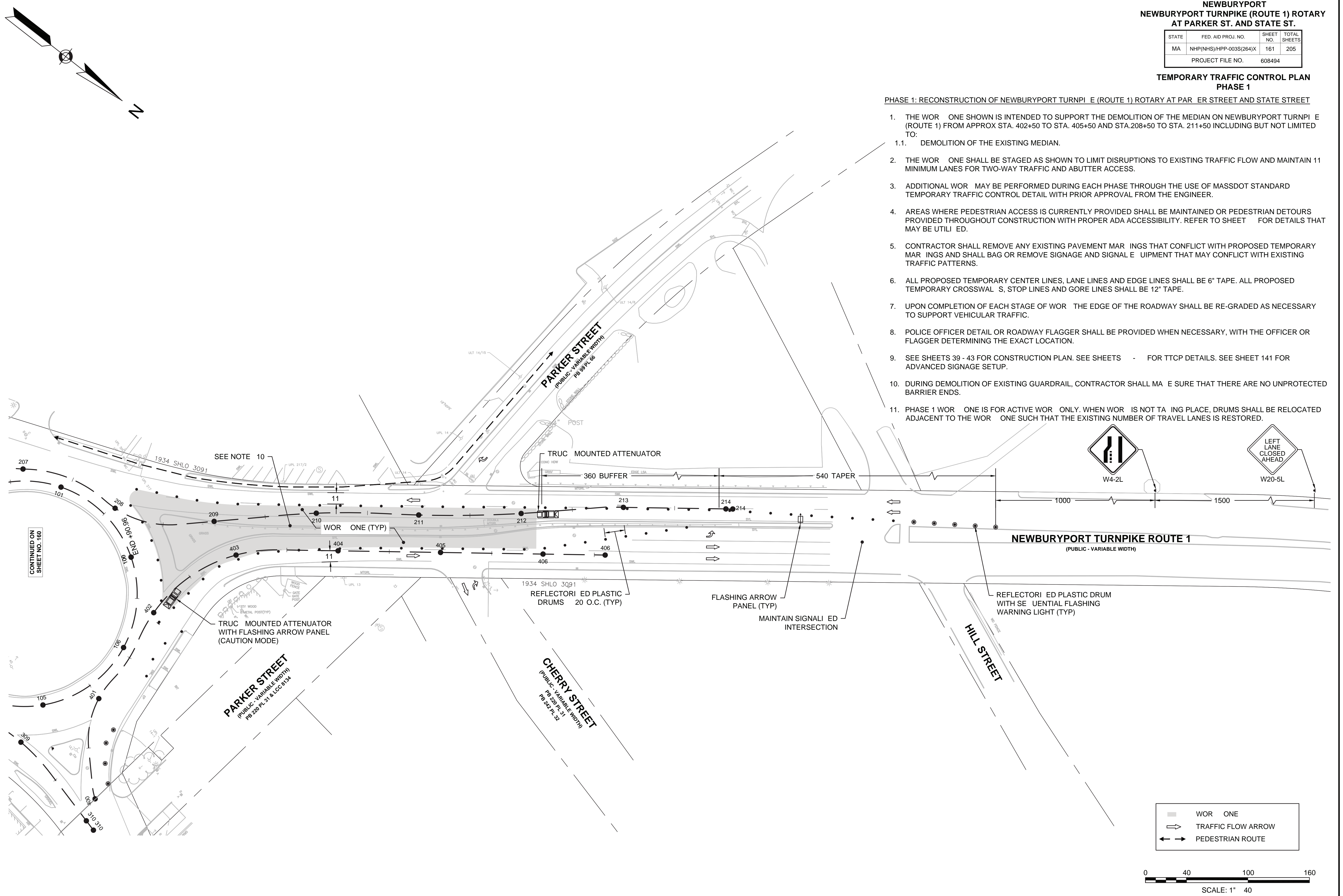
**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|------------------|-------------------------|-----------|--------------|
| MA | NHP(NHS)/HPP-003S(264)X | 161 | 205 |
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**TEMPORARY TRAFFIC CONTROL PLAN
PHASE 1**

PHASE 1: RECONSTRUCTION OF NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY AT PARKER STREET AND STATE STREET

- THE WORK ONE SHOWN IS INTENDED TO SUPPORT THE DEMOLITION OF THE MEDIAN ON NEWBURYPORT TURNPIKE (ROUTE 1) FROM APPROX STA. 402+50 TO STA. 405+50 AND STA. 208+50 TO STA. 211+50 INCLUDING BUT NOT LIMITED TO:
 - DEMOLITION OF THE EXISTING MEDIAN.
- THE WORK ONE SHALL BE STAGED AS SHOWN TO LIMIT DISRUPTIONS TO EXISTING TRAFFIC FLOW AND MAINTAIN 11 MINIMUM LANES FOR TWO-WAY TRAFFIC AND ABUTTER ACCESS.
- ADDITIONAL WORK MAY BE PERFORMED DURING EACH PHASE THROUGH THE USE OF MASSDOT STANDARD TEMPORARY TRAFFIC CONTROL DETAIL WITH PRIOR APPROVAL FROM THE ENGINEER.
- AREAS WHERE PEDESTRIAN ACCESS IS CURRENTLY PROVIDED SHALL BE MAINTAINED OR PEDESTRIAN DETOURS PROVIDED THROUGHOUT CONSTRUCTION WITH PROPER ADA ACCESSIBILITY. REFER TO SHEET FOR DETAILS THAT MAY BE UTILIZED.
- CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED TEMPORARY MARKINGS AND SHALL BAG OR REMOVE SIGNAGE AND SIGNAL EQUIPMENT THAT MAY CONFLICT WITH EXISTING TRAFFIC PATTERNS.
- ALL PROPOSED TEMPORARY CENTER LINES, LANE LINES AND EDGE LINES SHALL BE 6" TAPE. ALL PROPOSED TEMPORARY CROSSWALKS, STOP LINES AND GORE LINES SHALL BE 12" TAPE.
- UPON COMPLETION OF EACH STAGE OF WORK THE EDGE OF THE ROADWAY SHALL BE RE-GRADED AS NECESSARY TO SUPPORT VEHICULAR TRAFFIC.
- POLICE OFFICER DETAIL OR ROADWAY FLAGGER SHALL BE PROVIDED WHEN NECESSARY, WITH THE OFFICER OR FLAGGER DETERMINING THE EXACT LOCATION.
- SEE SHEETS 39 - 43 FOR CONSTRUCTION PLAN. SEE SHEETS FOR TTCP DETAILS. SEE SHEET 141 FOR ADVANCED SIGNAGE SETUP.
- DURING DEMOLITION OF EXISTING GUARDRAIL, CONTRACTOR SHALL MAKE SURE THAT THERE ARE NO UNPROTECTED BARRIER ENDS.
- PHASE 1 WORK ONE IS FOR ACTIVE WORK ONLY. WHEN WORK IS NOT TAKING PLACE, DRUMS SHALL BE RELOCATED ADJACENT TO THE WORK ONE SUCH THAT THE EXISTING NUMBER OF TRAVEL LANES IS RESTORED.



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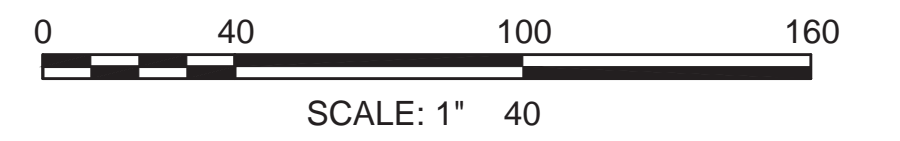
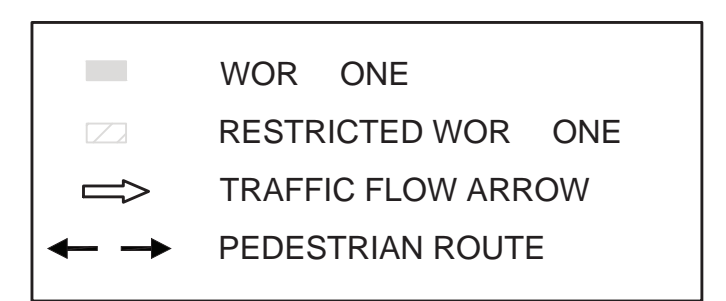
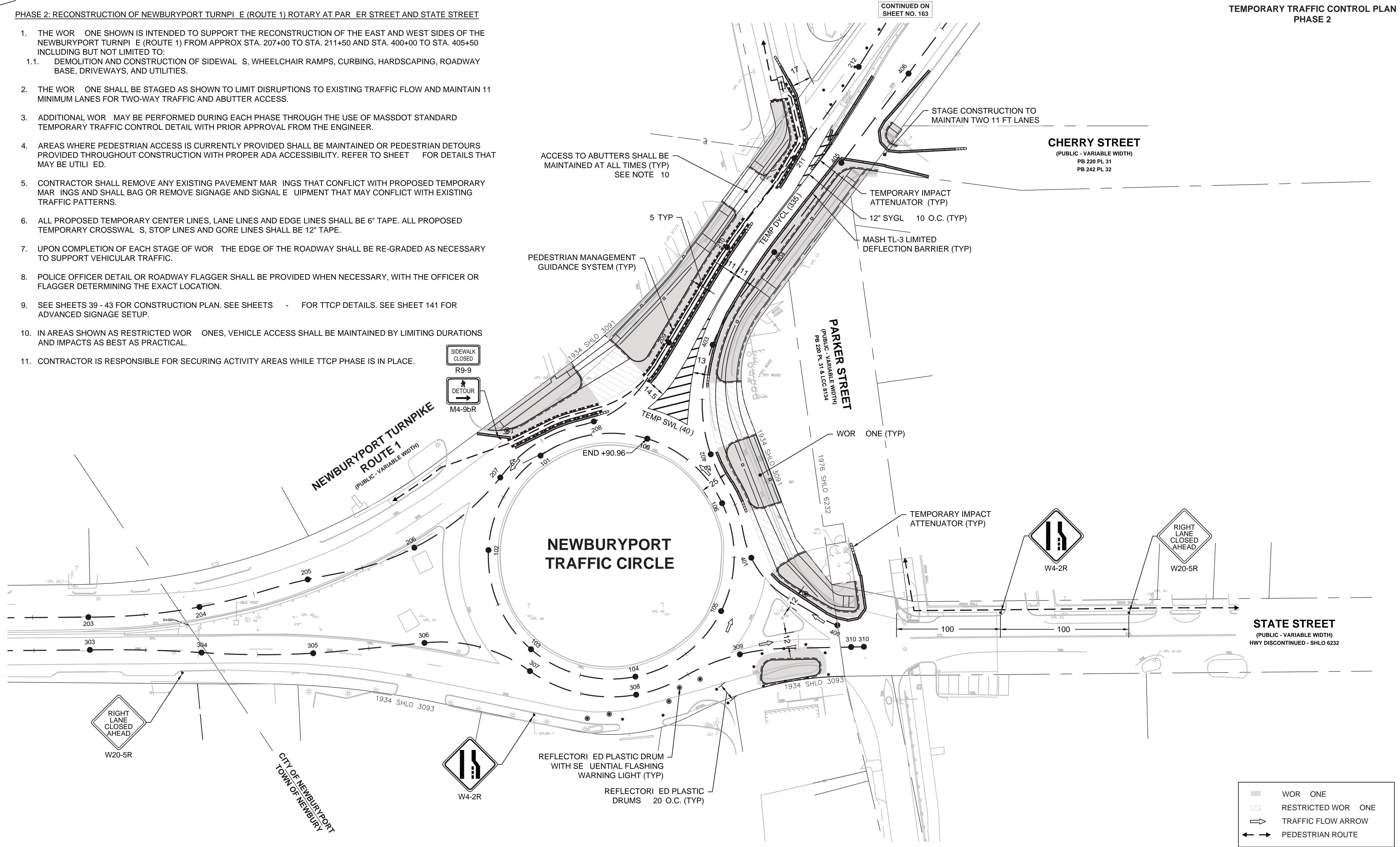
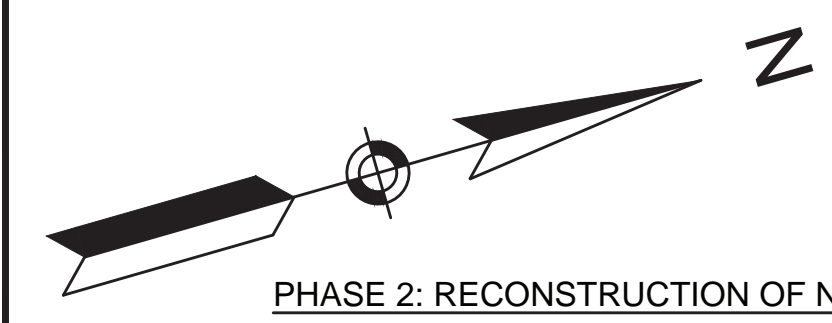
**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|-------------------------|------------------------|-----------|--------------|
| MA | NHP(NHS)HPP-003S(264)X | 162 | 205 |
| PROJECT FILE NO. 608494 | | | |

**TEMPORARY TRAFFIC CONTROL PLAN
PHASE 2**

PHASE 2: RECONSTRUCTION OF NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY AT PARKER STREET AND STATE STREET

1. THE WORK ONE SHOWN IS INTENDED TO SUPPORT THE RECONSTRUCTION OF THE EAST AND WEST SIDES OF THE NEWBURYPORT TURNPIKE (ROUTE 1) FROM APPROX STA. 207+00 TO STA. 211+50 AND STA. 400+00 TO STA. 405+50 INCLUDING BUT NOT LIMITED TO:
 - 1.1. DEMOLITION AND CONSTRUCTION OF SIDEWALKS, WHEELCHAIR RAMPS, CURBING, HARDSCAPING, ROADWAY BASE, DRIVEWAYS, AND UTILITIES.
2. THE WORK ONE SHALL BE STAGED AS SHOWN TO LIMIT DISRUPTIONS TO EXISTING TRAFFIC FLOW AND MAINTAIN 11 MINIMUM LANES FOR TWO-WAY TRAFFIC AND BUTTER ACCESS.
3. ADDITIONAL WORK MAY BE PERFORMED DURING EACH PHASE THROUGH THE USE OF MASSDOT STANDARD TEMPORARY TRAFFIC CONTROL DETAIL WITH PRIOR APPROVAL FROM THE ENGINEER.
4. AREAS WHERE PEDESTRIAN ACCESS IS CURRENTLY PROVIDED SHALL BE MAINTAINED OR PEDESTRIAN DETOURS PROVIDED THROUGHOUT CONSTRUCTION WITH PROPER ADA ACCESSIBILITY. REFER TO SHEET FOR DETAILS THAT MAY BE UTILIZED.
5. CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED TEMPORARY MARKINGS AND SHALL BAG OR REMOVE SIGNAGE AND SIGNAL EQUIPMENT THAT MAY CONFLICT WITH EXISTING TRAFFIC PATTERNS.
6. ALL PROPOSED TEMPORARY CENTER LINES, LANE LINES AND EDGE LINES SHALL BE 6" TAPE. ALL PROPOSED TEMPORARY CROSSWALKS, STOP LINES AND GORE LINES SHALL BE 12" TAPE.
7. UPON COMPLETION OF EACH STAGE OF WORK THE EDGE OF THE ROADWAY SHALL BE RE-GRADED AS NECESSARY TO SUPPORT VEHICULAR TRAFFIC.
8. POLICE OFFICER DETAIL OR ROADWAY FLAGGER SHALL BE PROVIDED WHEN NECESSARY, WITH THE OFFICER OR FLAGGER DETERMINING THE EXACT LOCATION.
9. SEE SHEETS 39 - 43 FOR CONSTRUCTION PLAN. SEE SHEETS FOR TTCP DETAILS. SEE SHEET 141 FOR ADVANCED SIGNAGE SETUP.
10. IN AREAS SHOWN AS RESTRICTED WORK ONES, VEHICLE ACCESS SHALL BE MAINTAINED BY LIMITING DURATIONS AND IMPACTS AS BEST AS PRACTICAL.
11. CONTRACTOR IS RESPONSIBLE FOR SECURING ACTIVITY AREAS WHILE TTCP PHASE IS IN PLACE.



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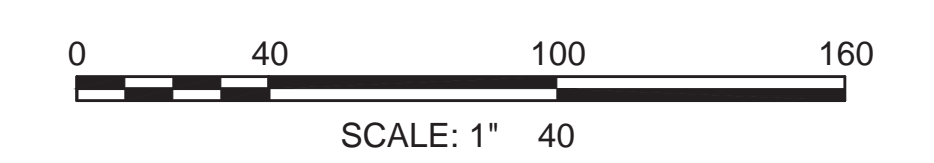
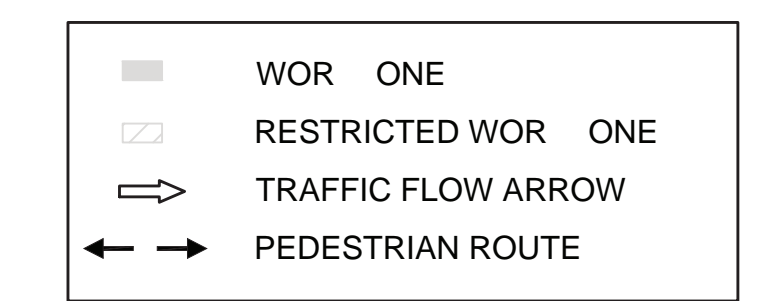
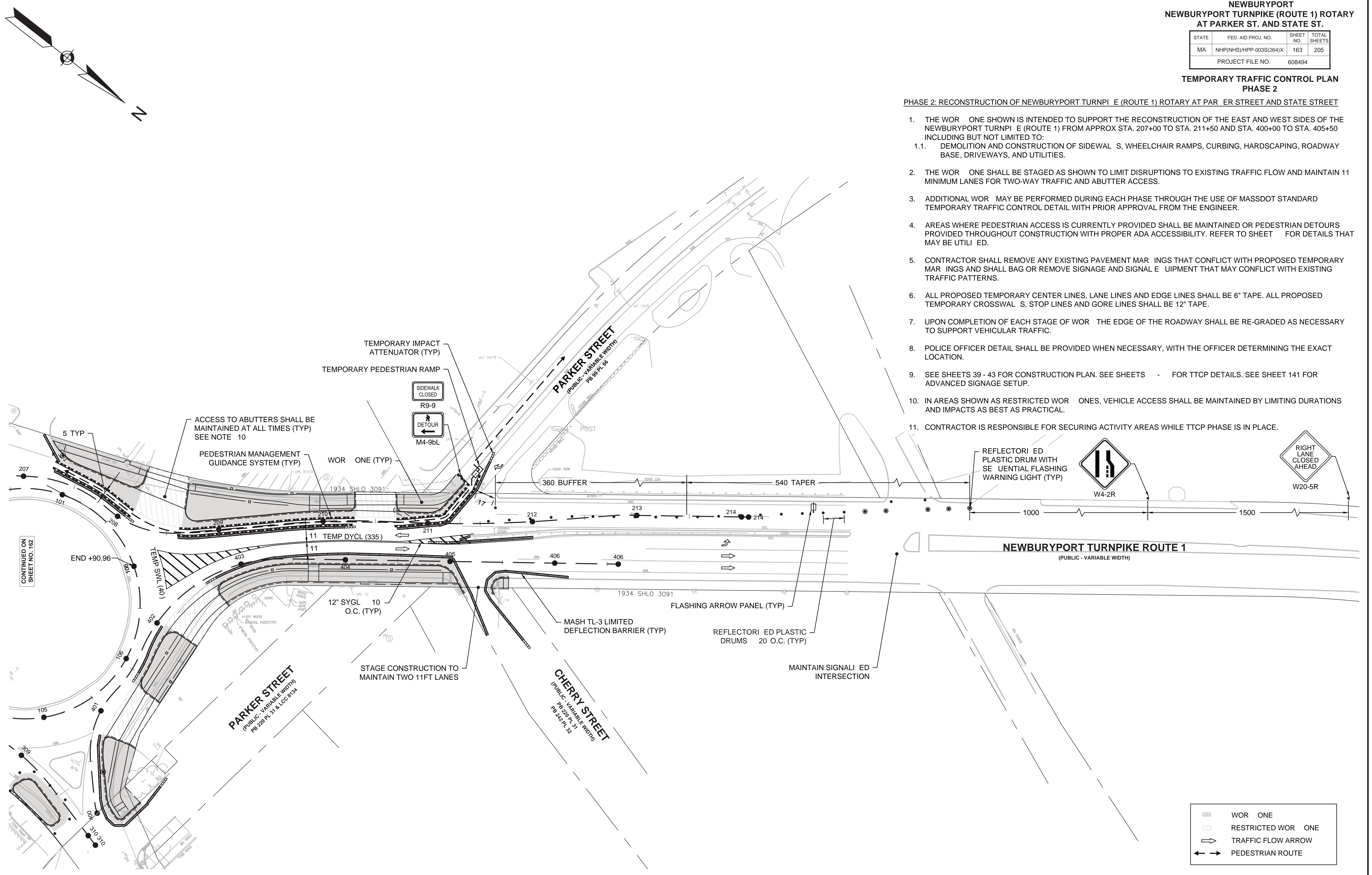
**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|------------------|------------------------|-----------|--------------|
| MA | NHP(NHS)HPP-003S(264)X | 163 | 205 |
| PROJECT FILE NO. | | 608494 | |

**TEMPORARY TRAFFIC CONTROL PLAN
PHASE 2**

PHASE 2: RECONSTRUCTION OF NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY AT PARKER STREET AND STATE STREET

- THE WORK ONE SHOWN IS INTENDED TO SUPPORT THE RECONSTRUCTION OF THE EAST AND WEST SIDES OF THE NEWBURYPORT TURNPIKE (ROUTE 1) FROM APPROX STA. 207+00 TO STA. 211+50 AND STA. 400+00 TO STA. 405+50 INCLUDING BUT NOT LIMITED TO:
 - DEMOLITION AND CONSTRUCTION OF SIDEWALKS, WHEELCHAIR RAMPS, CURBING, HARDSCAPING, ROADWAY BASE, DRIVEWAYS, AND UTILITIES.
- THE WORK ONE SHALL BE STAGED AS SHOWN TO LIMIT DISRUPTIONS TO EXISTING TRAFFIC FLOW AND MAINTAIN 11 MINIMUM LANES FOR TWO-WAY TRAFFIC AND ABUTTER ACCESS.
- ADDITIONAL WORK MAY BE PERFORMED DURING EACH PHASE THROUGH THE USE OF MASSDOT STANDARD TEMPORARY TRAFFIC CONTROL DETAIL WITH PRIOR APPROVAL FROM THE ENGINEER.
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- SEE SHEETS 39 - 43 FOR CONSTRUCTION PLAN. SEE SHEETS FOR TTCP DETAILS. SEE SHEET 141 FOR ADVANCED SIGNAGE SETUP.
- IN AREAS SHOWN AS RESTRICTED WORKONES, VEHICLE ACCESS SHALL BE MAINTAINED BY LIMITING DURATIONS AND IMPACTS AS BEST AS PRACTICAL.
- CONTRACTOR IS RESPONSIBLE FOR SECURING ACTIVITY AREAS WHILE TTCP PHASE IS IN PLACE.



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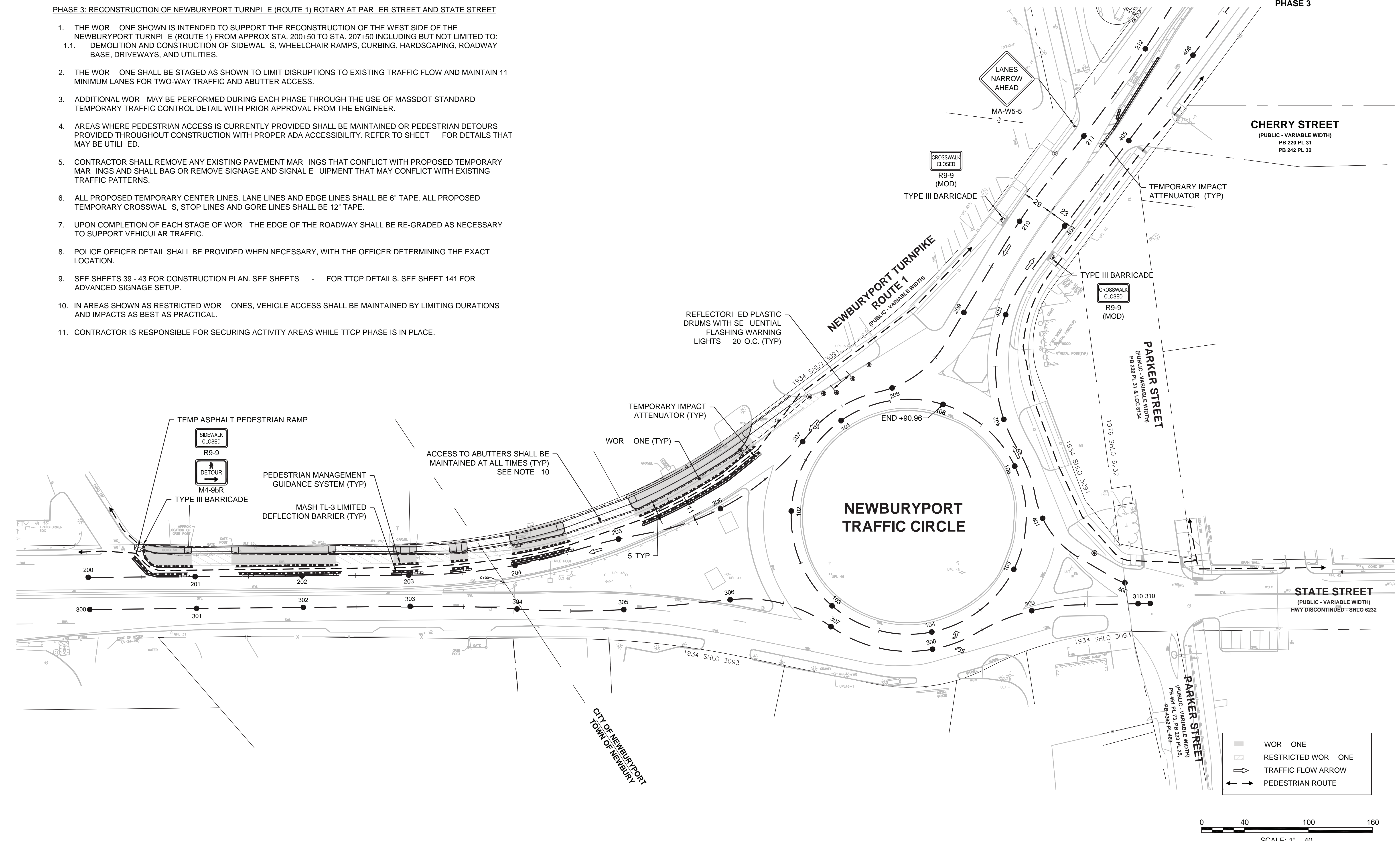
**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|------------------|------------------------|-----------|--------------|
| MA | NHP(NHS)HPP-003S(264)X | 164 | 205 |
| PROJECT FILE NO. | | 608494 | |

**TEMPORARY TRAFFIC CONTROL PLAN
PHASE 3**

PHASE 3: RECONSTRUCTION OF NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY AT PARKER STREET AND STATE STREET

- THE WORK ONE SHOWN IS INTENDED TO SUPPORT THE RECONSTRUCTION OF THE WEST SIDE OF THE NEWBURYPORT TURNPIKE (ROUTE 1) FROM APPROX STA. 200+50 TO STA. 207+50 INCLUDING BUT NOT LIMITED TO:
 - DEMOLITION AND CONSTRUCTION OF SIDEWALKS, WHEELCHAIR RAMPS, CURBING, HARDSCAPING, ROADWAY BASE, DRIVEWAYS, AND UTILITIES.
- THE WORK ONE SHALL BE STAGED AS SHOWN TO LIMIT DISRUPTIONS TO EXISTING TRAFFIC FLOW AND MAINTAIN 11 MINIMUM LANES FOR TWO-WAY TRAFFIC AND ABUTTER ACCESS.
- ADDITIONAL WORK MAY BE PERFORMED DURING EACH PHASE THROUGH THE USE OF MASSDOT STANDARD TEMPORARY TRAFFIC CONTROL DETAIL WITH PRIOR APPROVAL FROM THE ENGINEER.
- AREAS WHERE PEDESTRIAN ACCESS IS CURRENTLY PROVIDED SHALL BE MAINTAINED OR PEDESTRIAN DETOURS PROVIDED THROUGHOUT CONSTRUCTION WITH PROPER ADA ACCESSIBILITY. REFER TO SHEET FOR DETAILS THAT MAY BE UTILIZED.
- CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED TEMPORARY MARKINGS AND SHALL BAG OR REMOVE SIGNAGE AND SIGNAL EQUIPMENT THAT MAY CONFLICT WITH EXISTING TRAFFIC PATTERNS.
- ALL PROPOSED TEMPORARY CENTER LINES, LANE LINES AND EDGE LINES SHALL BE 6" TAPE. ALL PROPOSED TEMPORARY CROSSWALKS, STOP LINES AND GORE LINES SHALL BE 12" TAPE.
- UPON COMPLETION OF EACH STAGE OF WORK THE EDGE OF THE ROADWAY SHALL BE RE-GRADED AS NECESSARY TO SUPPORT VEHICULAR TRAFFIC.
- POLICE OFFICER DETAIL SHALL BE PROVIDED WHEN NECESSARY, WITH THE OFFICER DETERMINING THE EXACT LOCATION.
- SEE SHEETS 39 - 43 FOR CONSTRUCTION PLAN. SEE SHEETS FOR TTCP DETAILS. SEE SHEET 141 FOR ADVANCED SIGNAGE SETUP.
- IN AREAS SHOWN AS RESTRICTED WORKONES, VEHICLE ACCESS SHALL BE MAINTAINED BY LIMITING DURATIONS AND IMPACTS AS BEST AS PRACTICAL.
- CONTRACTOR IS RESPONSIBLE FOR SECURING ACTIVITY AREAS WHILE TTCP PHASE IS IN PLACE.



- WORK ONE
- RESTRICTED WORK ONE
- TRAFFIC FLOW ARROW
- PEDESTRIAN ROUTE

0 40 100 160
SCALE: 1" = 40'

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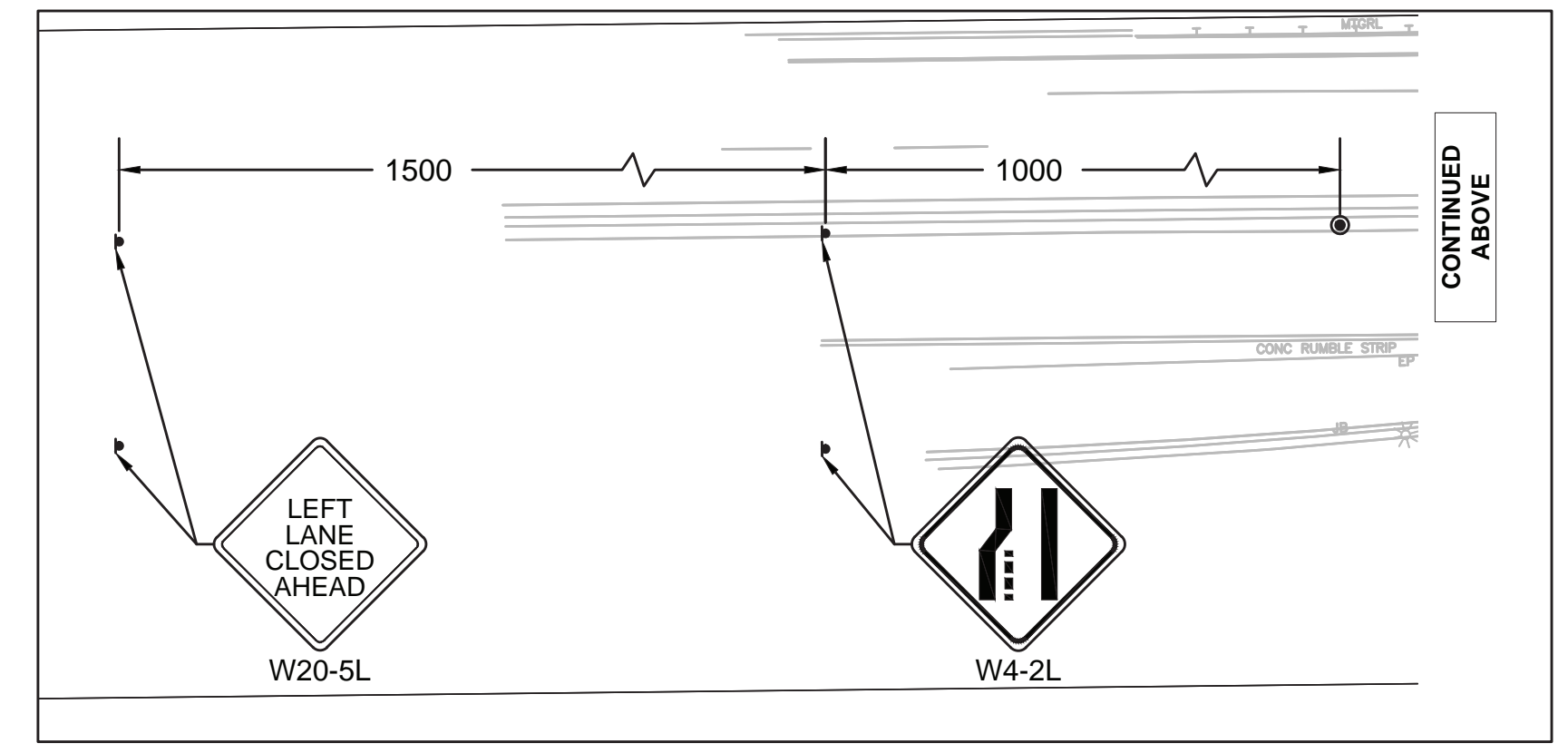
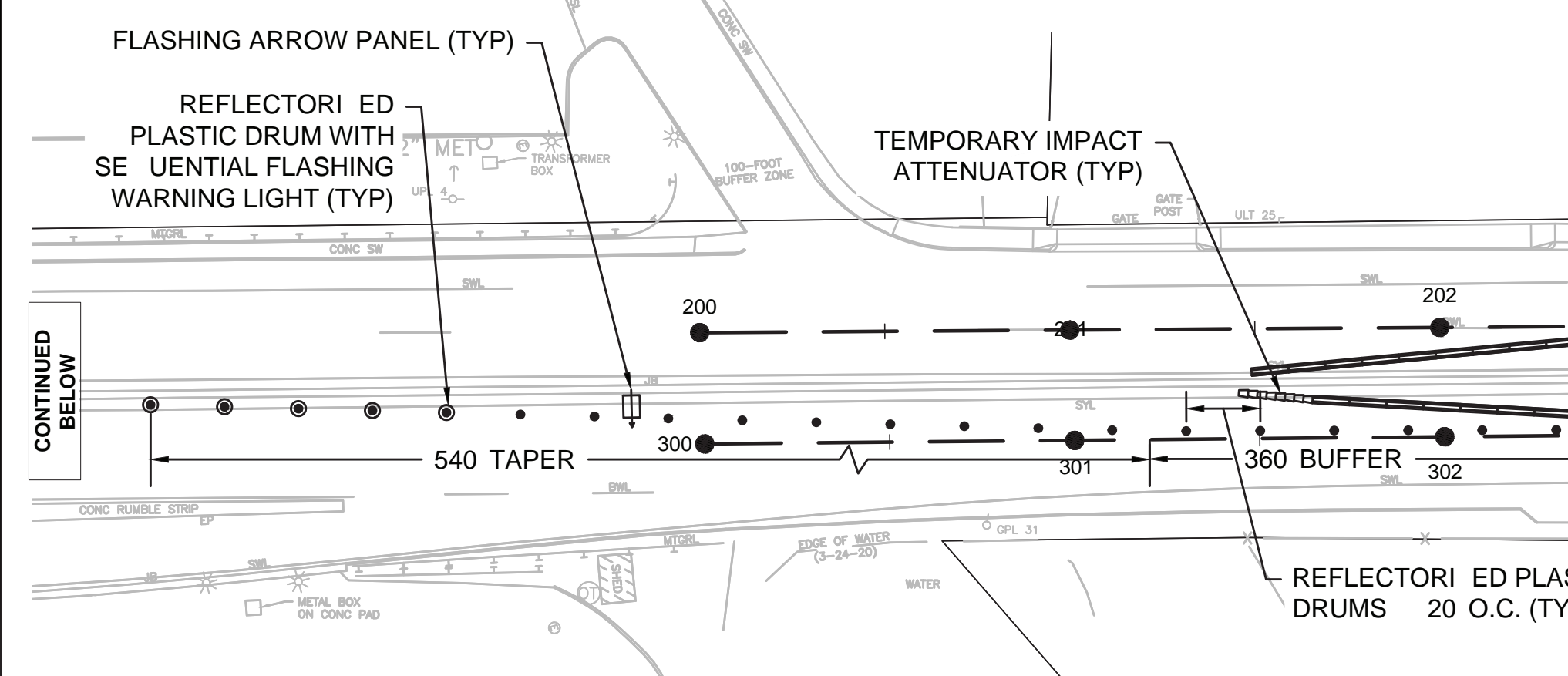
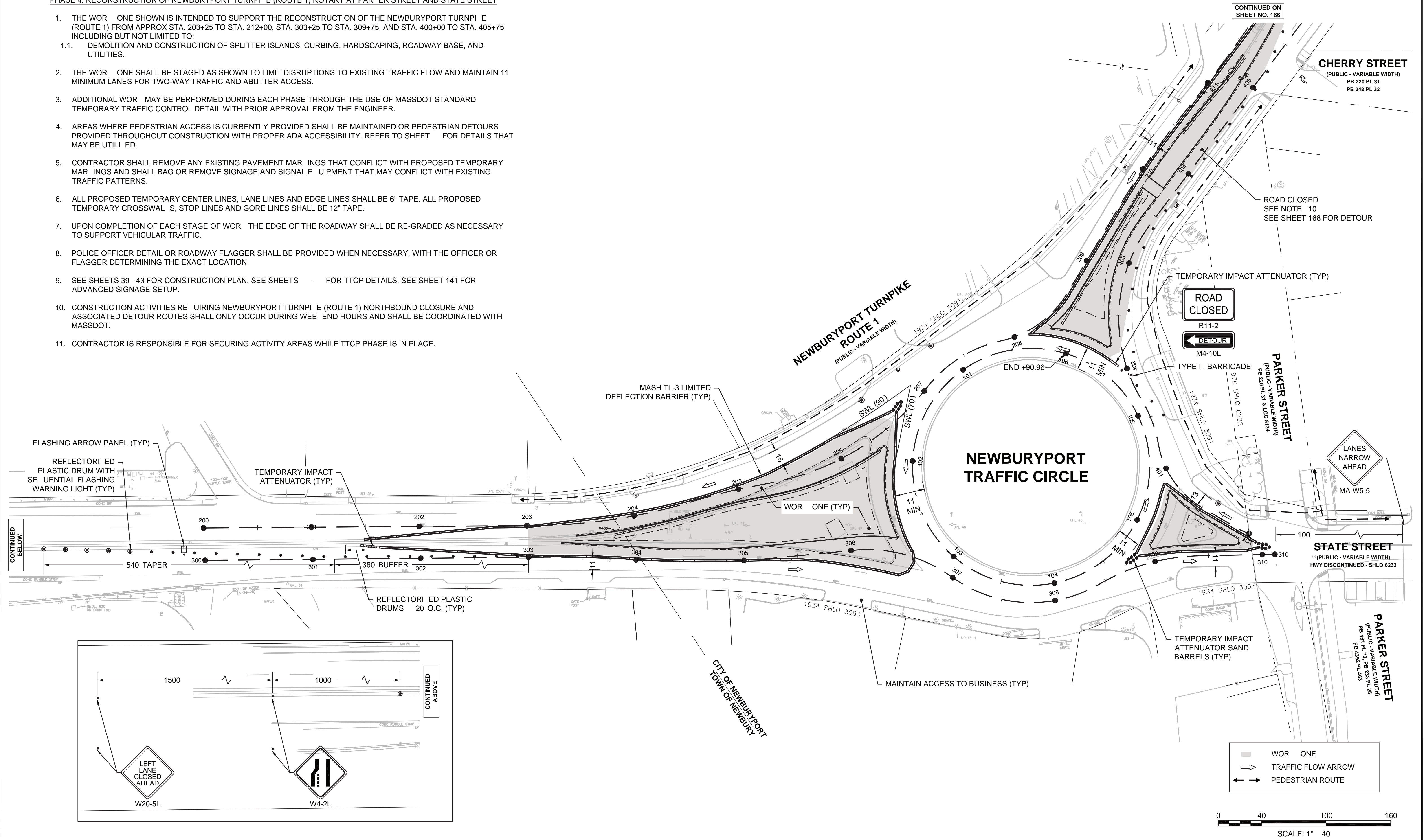
**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|------------------|-------------------------|-----------|--------------|
| MA | NHP(NHS)/HPP-003S(264)X | 165 | 205 |
| PROJECT FILE NO. | | 608494 | |

**TEMPORARY TRAFFIC CONTROL PLAN
PHASE 4**

PHASE 4: RECONSTRUCTION OF NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY AT PARKER STREET AND STATE STREET

- THE WORK ONE SHOWN IS INTENDED TO SUPPORT THE RECONSTRUCTION OF THE NEWBURYPORT TURNPIKE (ROUTE 1) FROM APPROX STA. 203+25 TO STA. 212+00, STA. 303+25 TO STA. 309+75, AND STA. 400+00 TO STA. 405+75 INCLUDING BUT NOT LIMITED TO:
 - DEMOLITION AND CONSTRUCTION OF SPLITTER ISLANDS, CURBING, HARDSCAPING, ROADWAY BASE, AND UTILITIES.
- THE WORK ONE SHALL BE STAGED AS SHOWN TO LIMIT DISRUPTIONS TO EXISTING TRAFFIC FLOW AND MAINTAIN 11 MINIMUM LANES FOR TWO-WAY TRAFFIC AND ABUTTER ACCESS.
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- CONSTRUCTION ACTIVITIES REQUIRING NEWBURYPORT TURNPIKE (ROUTE 1) NORTHBOUND CLOSURE AND ASSOCIATED DETOUR ROUTES SHALL ONLY OCCUR DURING WEEKEND HOURS AND SHALL BE COORDINATED WITH MASSDOT.
- CONTRACTOR IS RESPONSIBLE FOR SECURING ACTIVITY AREAS WHILE TTCP PHASE IS IN PLACE.



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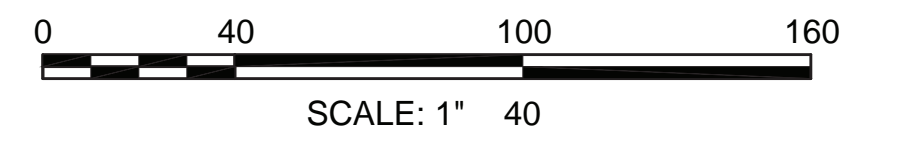
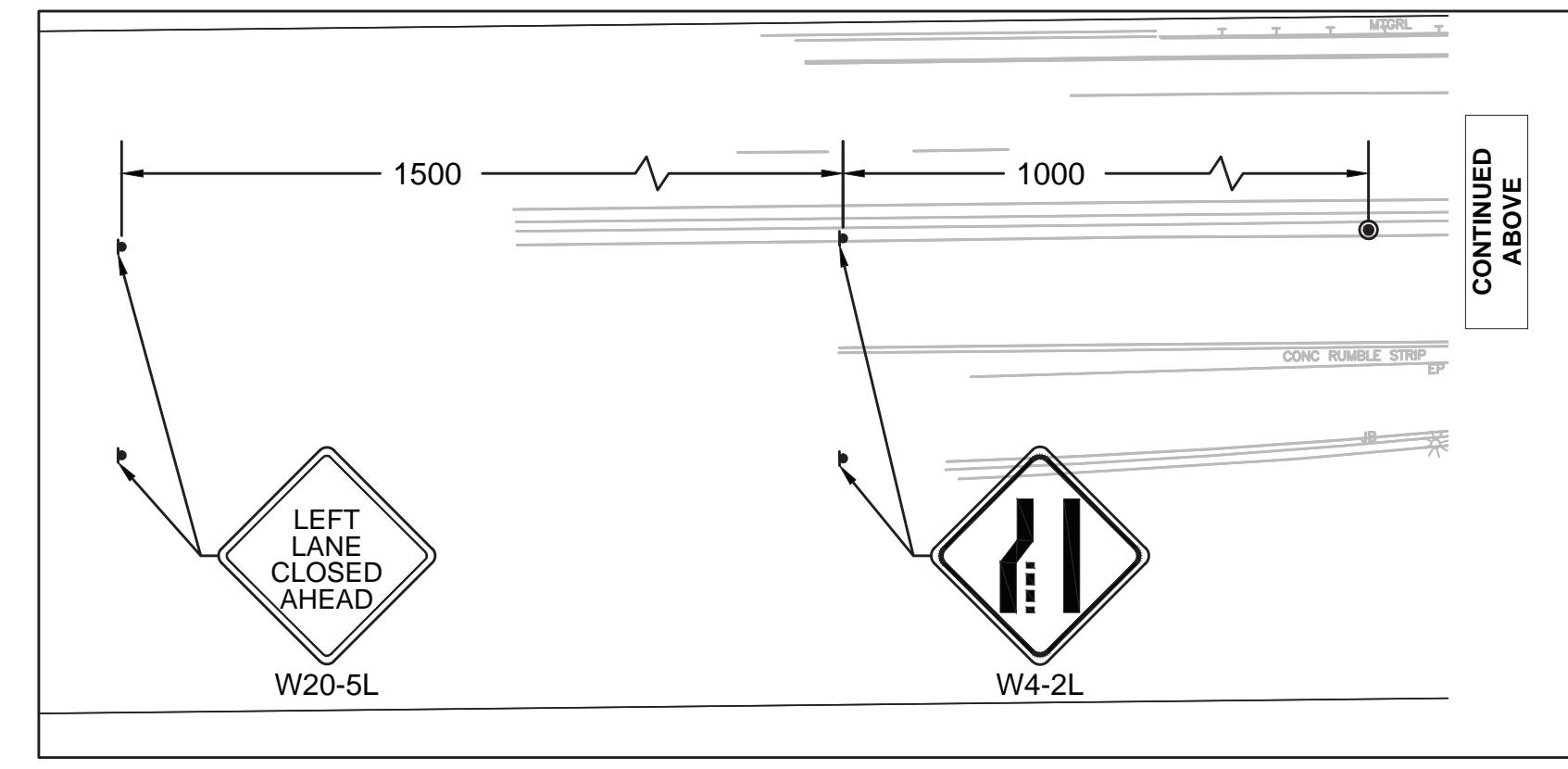
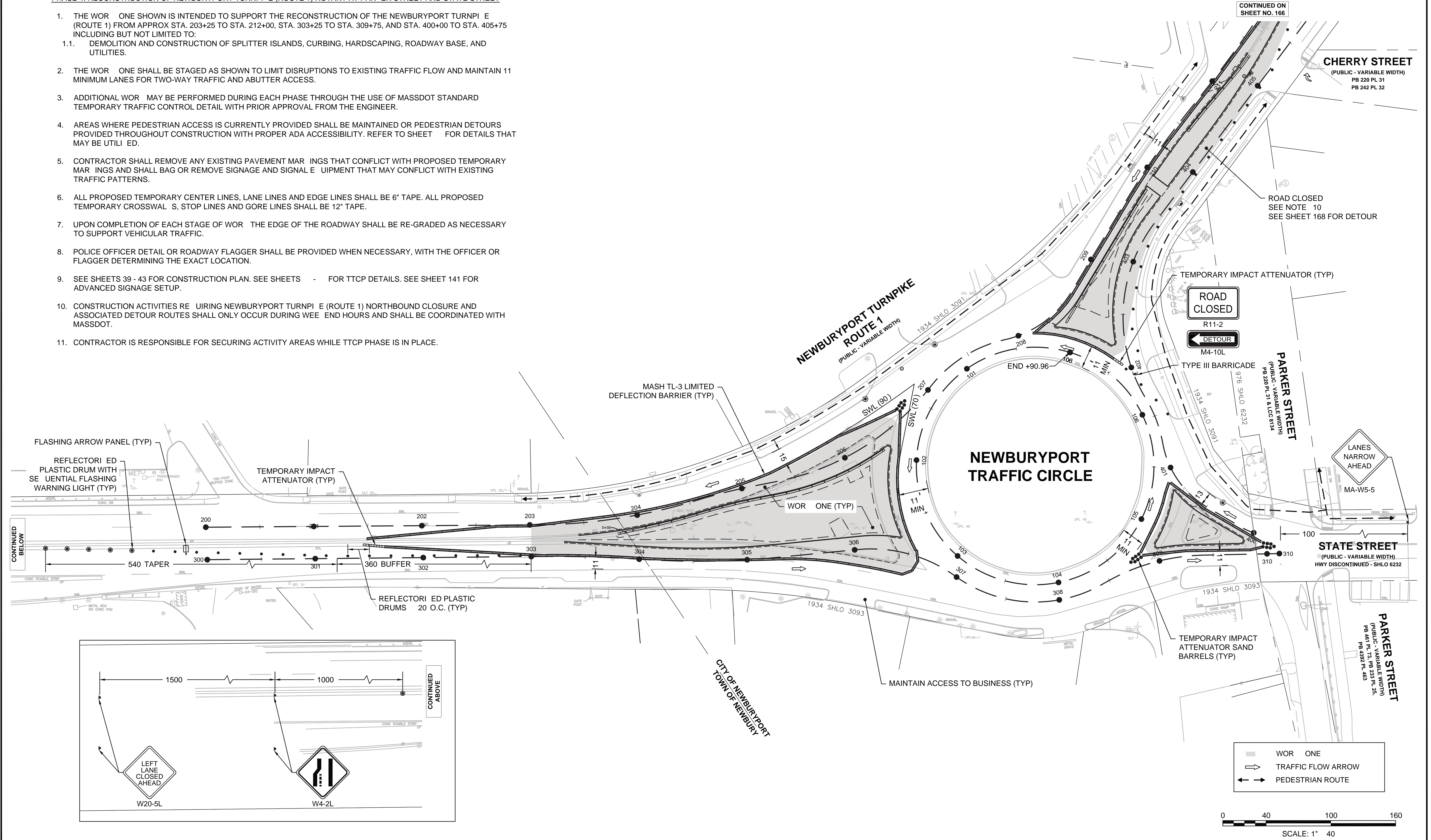
**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
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PHASE 4**

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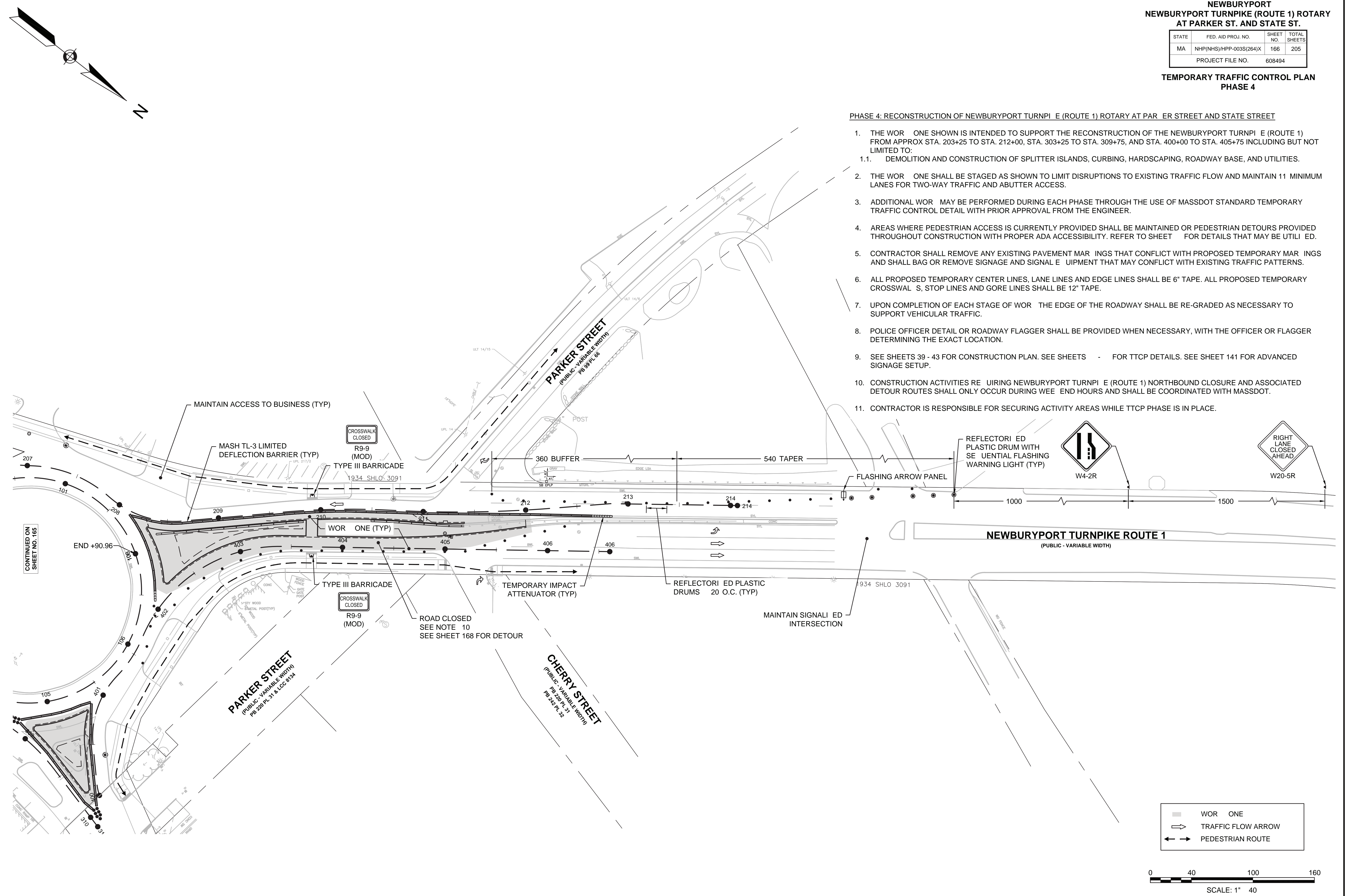
**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|------------------|-------------------------|-----------|--------------|
| MA | NHP(NHS)/HPP-003S(264)X | 166 | 205 |
| PROJECT FILE NO. | | 608494 | |

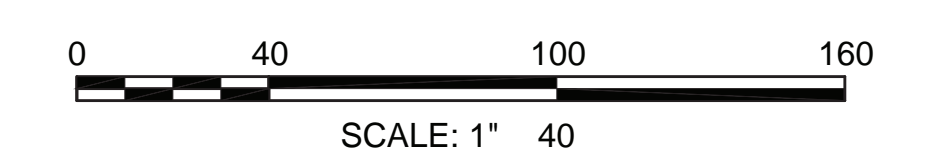
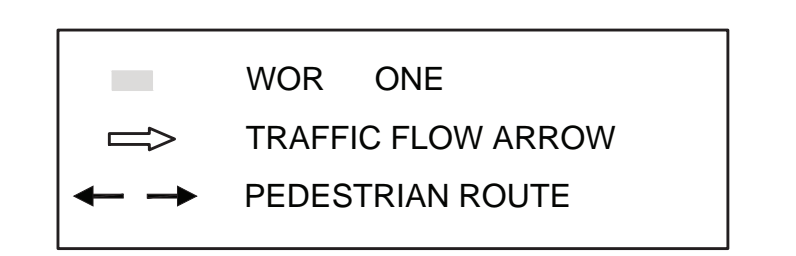
**TEMPORARY TRAFFIC CONTROL PLAN
PHASE 4**

PHASE 4: RECONSTRUCTION OF NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY AT PARKER STREET AND STATE STREET

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- CONTRACTOR IS RESPONSIBLE FOR SECURING ACTIVITY AREAS WHILE TTCP PHASE IS IN PLACE.



CONTINUED ON SHEET NO. 165



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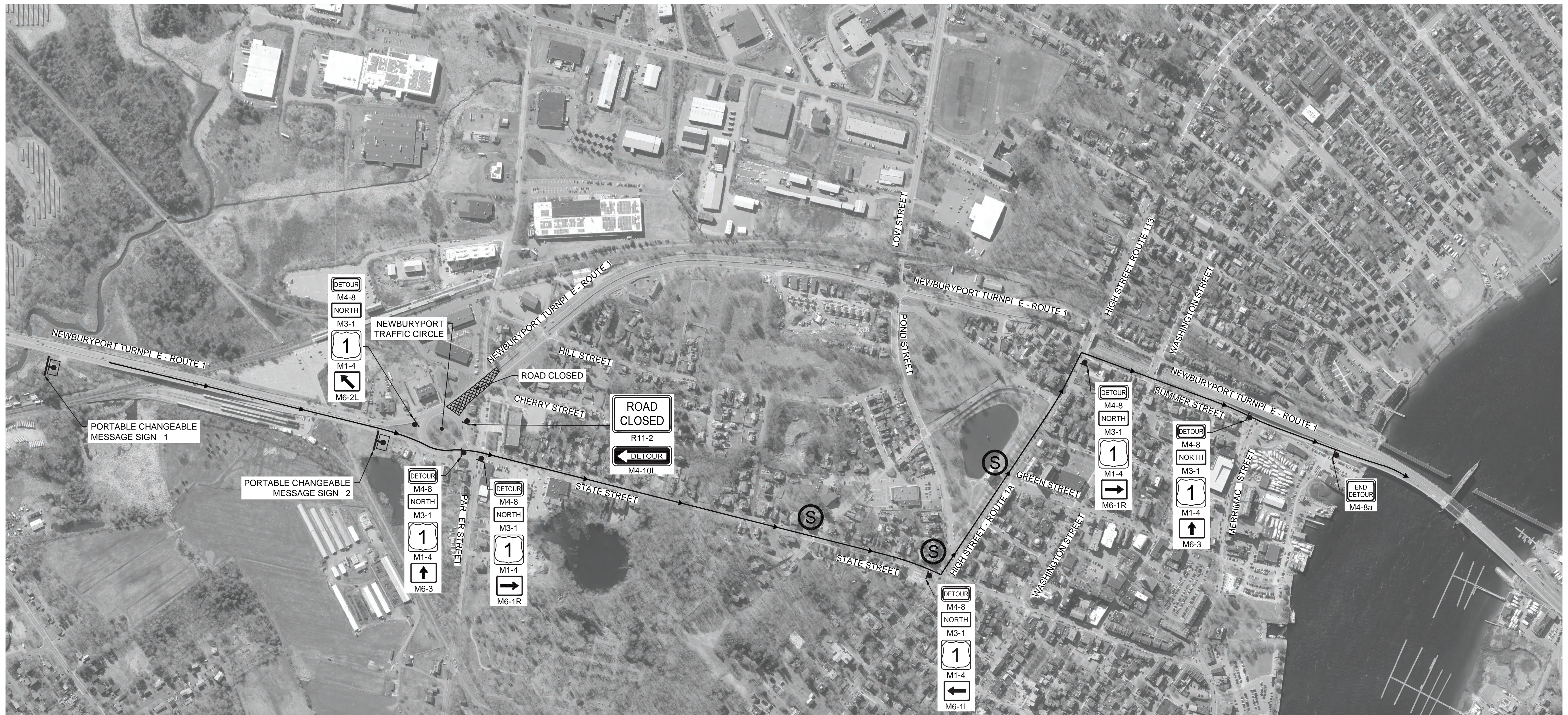
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**NEWBURYPORT
NEWBURYPORT TURNPIKE (ROUTE 1) ROTARY
AT PARKER ST. AND STATE ST.**

| | | | |
|-------------------------|-------------------------|-----------|--------------|
| STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
| MA | NHP(NHS)/HPP-003S(264)X | 168 | 205 |
| PROJECT FILE NO. 608494 | | | |

**TEMPORARY TRAFFIC CONTROL PLAN
NORTHBOUND DETOUR**



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- DETOUR ROUTE
- WOR ONE
- DETOUR SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- SIGNALIZED INTERSECTION

- NOTES:**
1. CONSTRUCTION ACTIVITIES REQUIRING NEWBURYPORT TURNPIKE (ROUTE 1) NORTHBOUND CLOSURE AND ASSOCIATED DETOUR ROUTES SHALL ONLY OCCUR DURING WEEKEND HOURS AND SHALL BE COORDINATED WITH MASSDOT.
 2. PCMS SHALL BE USED PRIOR TO THE START OF CLOSURE AND THROUGHOUT THE ENTIRE DURATION OF THE CLOSURE

PCMS SCHEDULE

| | |
|----------------------------|---------------------------|
| PANEL 1 | PANEL 2 |
| ROUTE 1 NORTH CLOSED | DETOUR VIA STATE ST |

