WEST ROAD RECONSTRUCTION
(LAFAYETTE ROAD TO PEVERLY HILL ROAD)

CITY OF PORTSMOUTH
PUBLIC WORKS DEPARTMENT
PROJECT #7200

ISSUED FOR CONSTRUCTION: AUGUST 27, 2015

Permit Summary
City of Portsmouth Wetlands Conditional Use Permit – Received June 23, 2015
NOTES:
1. DETAILED SURVEY WAS PERFORMED FROM THE INTERSECTION OF WEST ROAD / CAMPUS DRIVE TO THE INTERSECTION OF WEST ROAD / MELSON RD. BASE MAPPING FOR THE REMAINING AREAS IS BASED ON GIS DATA PROVIDED BY THE CITY OF PORTSMOUTH, NH. SITE CONDITIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
2. BASE MAPPING FOR THE REMAINING AREAS IS BASED ON GIS DATA PROVIDED BY THE CITY OF PORTSMOUTH DPW. SITE CONDITIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION, INCLUDING LOCATION OF ALL UTILITIES.
3. NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES WETLANDS BUREAU HAS ISSUED PERMIT #2015-01339 FOR THE WORK WITHIN THE WETLANDS ON 200 WEST ROAD (OWNED BY MICRONICS CORP). ALL WORK WITHIN THIS AREA SHALL BE COMPLETED IN ACCORDANCE WITH THE CONDITIONS OF THE PERMIT.
LIMITED TOPOGRAPHIC PLAN

PROPOSED DRAINAGE IMPROVEMENT PLANS
WEST ROAD
PORTSMOUTH
NEW HAMPSHIRE

LEGEND

See Sheet 3 for Drain & Sewer Tables
NOTES:

- LIMITS OF PAVING WORK; SAWCUT SHEET
- PAVEMENT STRIPING (REPLACE TO MATCH EXISTING CONDITIONS)
  (SEE TYPICAL ROADWAY SECTION, COLO PLANE, AND ADD TYPE AS SHOWN)
- COLD PLANE 1' EXISTING PAVEMENT, RECLAIM PAVEMENT (CUT THROUGHI)
  (REPLACE TO MATCH EXISTING CONDITIONS)
- REMOVE AND REPLACE GUIDERIDE, SIZE AND TYPE AS SHOWN
- PAVEMENT STRIPING (REPLACE TO MATCH EXISTING CONDITIONS)
- GRADE THICKNESS)
- REMOVE AND DEPTH
- ADD 5" HOT BITUMINOUS PAVEMENT (HIGH CRUSHED STONE VALVE/MANHOLE
  OVERLAY)
- BASKET PARKING LOT FROM CROSSING WILSON ROAD
- REPLACE CULVERT; SIZE TO MAINTAIN PREVENT SURFACE FLOWS FROM
  AREA
- UNIT OF DETAILED PROJECT SURVEY
  (CITY OF MAPPING USED FOR AREA TO EAST)

NOTE: ALL WORK FROM STA 15+00 TO 39+00 IS INCLUDED IN THE BASE BASE.
ALL WORK FROM STA 39+00 TO 46+00 IS PART OF THE ALTERNATIVE SID OF WORK.
The project consists of open and closed drainage system improvements, storm drain installation, maintenance and control measures.

A. Work

These are the essential work requirements:

1. Maintenance inspection report shall be made prior to the inspection and maintenance report. When working within the inspection area, the contractor shall be responsible for maintaining the inspection and maintenance practices that comply with the requirements of the temporary erosion control measures. These practices shall be maintained and monitored continuously until the inspection and maintenance areas are disturbed after October 15, 2000.

2. All required inspection and maintenance practices shall be monitored and maintained as a part of the overall permanent erosion control measures. These practices shall be monitored and maintained continuously until the inspection and maintenance areas are disturbed after October 15, 2000.

3. An order for the inspection and maintenance report shall be made prior to the inspection and maintenance report. When working within the inspection area, the contractor shall be responsible for maintaining the inspection and maintenance practices that comply with the requirements of the temporary erosion control measures. These practices shall be maintained and monitored continuously until the inspection and maintenance areas are disturbed after October 15, 2000.

4. The order for the inspection and maintenance report shall be made prior to the inspection and maintenance report. When working within the inspection area, the contractor shall be responsible for maintaining the inspection and maintenance practices that comply with the requirements of the temporary erosion control measures. These practices shall be maintained and monitored continuously until the inspection and maintenance areas are disturbed after October 15, 2000.

5. The order for the inspection and maintenance report shall be made prior to the inspection and maintenance report. When working within the inspection area, the contractor shall be responsible for maintaining the inspection and maintenance practices that comply with the requirements of the temporary erosion control measures. These practices shall be maintained and monitored continuously until the inspection and maintenance areas are disturbed after October 15, 2000.

6. The order for the inspection and maintenance report shall be made prior to the inspection and maintenance report. When working within the inspection area, the contractor shall be responsible for maintaining the inspection and maintenance practices that comply with the requirements of the temporary erosion control measures. These practices shall be maintained and monitored continuously until the inspection and maintenance areas are disturbed after October 15, 2000.

7. The order for the inspection and maintenance report shall be made prior to the inspection and maintenance report. When working within the inspection area, the contractor shall be responsible for maintaining the inspection and maintenance practices that comply with the requirements of the temporary erosion control measures. These practices shall be maintained and monitored continuously until the inspection and maintenance areas are disturbed after October 15, 2000.

8. The order for the inspection and maintenance report shall be made prior to the inspection and maintenance report. When working within the inspection area, the contractor shall be responsible for maintaining the inspection and maintenance practices that comply with the requirements of the temporary erosion control measures. These practices shall be maintained and monitored continuously until the inspection and maintenance areas are disturbed after October 15, 2000.

9. The order for the inspection and maintenance report shall be made prior to the inspection and maintenance report. When working within the inspection area, the contractor shall be responsible for maintaining the inspection and maintenance practices that comply with the requirements of the temporary erosion control measures. These practices shall be maintained and monitored continuously until the inspection and maintenance areas are disturbed after October 15, 2000.

10. The order for the inspection and maintenance report shall be made prior to the inspection and maintenance report. When working within the inspection area, the contractor shall be responsible for maintaining the inspection and maintenance practices that comply with the requirements of the temporary erosion control measures. These practices shall be maintained and monitored continuously until the inspection and maintenance areas are disturbed after October 15, 2000.

B. Construction Activity

As indicated in the sequence of major activities, the hay bales and soil fences shall be installed prior to commencing any clearing or grading activity. Clearing activities shall be maintained continuously with the agricultural activities. Once construction activity ceases permanently in an area, all bales and hay fences shall be removed within 2 days of permanent closure.

During construction, hay bales will be maintained through the site. Clearing and grading activity shall be planned through the site in such a manner that the hay bales will be protected from permanent exposure to erosion activities. Once construction activity ceases permanently in an area, all bales and hay fences shall be removed within 2 days of permanent closure.

Bales shall be excavated the width of a road base, 85% mature vegetation and a road gravel base.

C. Water Control

Timing shall be considered for bare spots, washouts, and "bulges" in the road.

D. Erosion Control

When standard strength erosion control measures are in effect, erosion control measures shall consist of erosion control mix berm or other erosion control device.

E. Sediment Control

When standard strength erosion control measures are in effect, erosion control measures shall consist of erosion control mix berm or other erosion control device.

F. Overt Water Evolution

1. If a construction site is not established in accordance with a sound grass base, erosion control measures are recommended.

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CONCRETE BOX DRAIN MANHOLE / CATCH BASIN DETAIL

SECTION A-A

SCALE: 1" = 10' (HORIZONTAL)
1" = 2' (VERTICAL)

OUTLET PLUNGE POOL

NOT TO SCALE

STORM DRAIN
TRENCH SECTION - PARALLEL PIPES

NOT TO SCALE

NOTES:
1. CONSTRUCT PLUNGE POOL TO THE MORTAR AND LINING SHOWN ON THE PLAN.
2. THE CLEARANCE FOR THE NON-WOVEN FABRIC AND GRATE SHALL BE PREPARED TO LINES AND GRADES SHOWN ON THE PLAN.
3. EROSION STONE USED FOR THE PLUNGE POOL SHALL MEET THE SIZE, DEPTH, AND GRADATION SHOWN ON THE PLAN.
4. COVERED FORCES SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF FABRIC. THE NON-WOVEN FABRIC REPLACE THE FABRIC. ALL A SEIVE SIZE 1/67 FOR THE DRAINAGE MAINTAINED FOR SEPARATION OF THE STONE SIZES.
5. EROSION STONE MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LOWE DESIGN IN ONE OPERATING AND SUCH A MANNER AS TO PREVENT SEPARATION OF THE STONE SIZES.

MORE
1. NON-WOVEN FABRIC (BETA/10 OZ/SQY)
2. CONDUCT NON-WOVEN FABRIC SHOWN ON PLANS.
3. CONDUCT FABRIC OVER COVERED FRAME AND LINES, SHOWN ON THE PLAN.

NOTES:
1. CONSTRUCT DRAINAGE TRENCHES TO THE MORTAR AND LINING SHOWN ON THE PLAN.
2. THE CLEARANCE FOR THE NON-WOVEN FABRIC AND GRATE SHALL BE PREPARED TO LINES AND GRADES SHOWN ON THE PLAN.
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