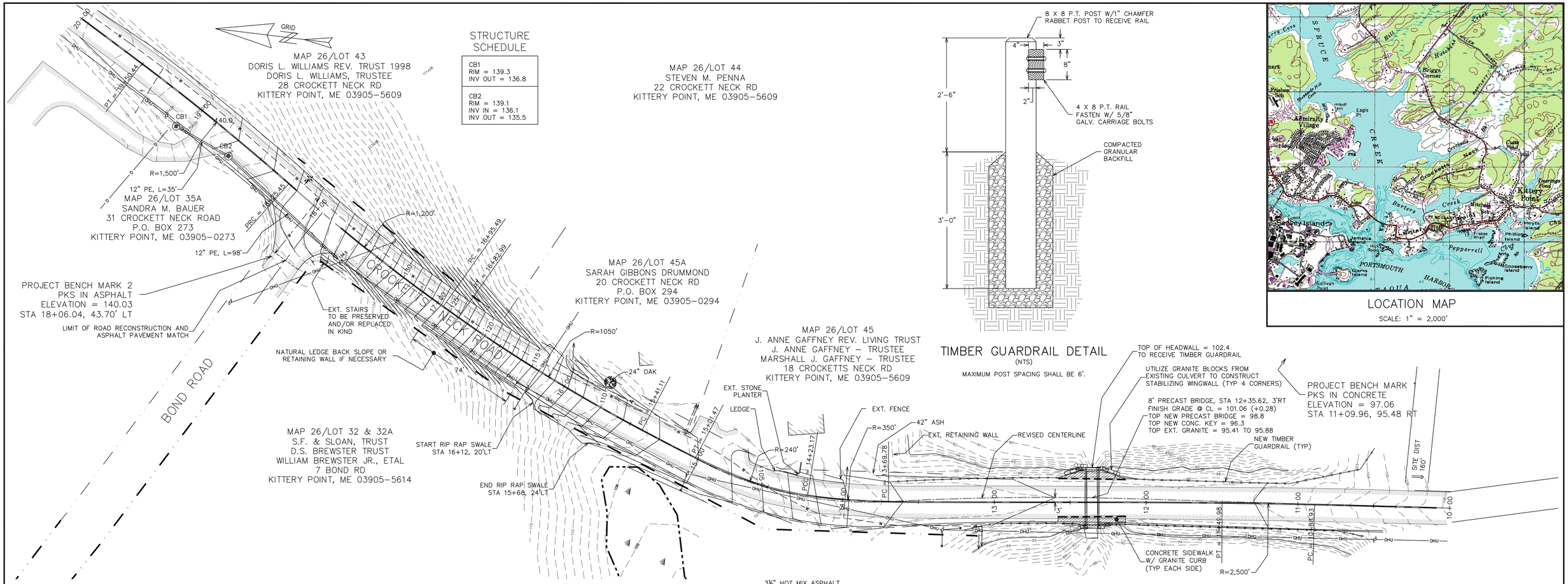


GENERAL NOTES

1. THIS PLAN SET PROVIDES DETAILS FOR THE RECONSTRUCTION OF 1,000 FEET OF ROAD AND ONE PRECAST BRIDGE CAP ON CROCKETTS NECK ROAD IN KITTERY, MAINE.

2. THE NEW CULVERT PRECAST BRIDGE CAP SPANS 8' AND INCLUDES 4 TEN FOOT SECTIONS. END SECTIONS INCLUDE A SIX FOOT END WALL. PRECAST BRIDGE SHALL BE HS20 LOAD CLASSIFICATION. BASIS FOR DESIGN IS A THREE-SIDED BRIDGE BY OLDCASTLE PRECAST, INC.

3. THE EXISTING ROAD SHALL BE RECONSTITUTED TO A DEPTH OF SIX INCHES. SUPPLEMENTAL GRAVEL BASE MATERIAL SHALL BE INSTALLED TO ACCOMMODATE 4" OF ASPHALT SURFACE TO THE LINES AND GRADES DEPICTED ON THE PLAN.

4. ALL WORK COMPLETED UNDER THIS CONTRACT TO BE GOVERNED BY AND IN CONFORMITY WITH THE MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND SUPPLEMENTS THERETO EXCEPT AS MODIFIED ON THE PLANS AND IN THE SPECIAL PROVISIONS.

5. DISTURBED AREAS OF CROCKETTS NECK ROAD AND BOND ROAD SHALL BE REPAIRED IN ACCORDANCE WITH CHAPTER 16.32 "STREET AND SIDEWALKS SITE DESIGN STANDARDS" OF THE LAND USE AND DEVELOPMENT CODE, ZONING ORDINANCE OF THE TOWN OF KITTERY. UTILITY CUTS SHALL HAVE SLOPES NO STEEPER THAN 3:1 OR PROVIDE SHEET PILINGS AND WHALES OR A TRENCH BOX. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA SAFETY REQUIREMENTS. BACKFILL MATERIAL OVER THE CULVERT SHALL BE FINE GRANULAR BACKFILL PLACED IN 12" LIFTS WITH EACH LIFT COMPACTED TO 95% MODIFIED PROCTOR. BITUMINOUS CONCRETE SHALL CONSIST OF A 2½" BASE AND 1½" WEARING COURSE.

6. ROAD MAY BE CLOSED FOR CONSTRUCTION. EXPECTED IS DAILY CLOSURES DURING ROAD CONSTRUCTION AND A 5-DAY, 24-HR CLOSURE DURING CULVERT CONSTRUCTION. LOCAL TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. THE TOWN OF KITTERY POLICE CHIEF, FIRE CHIEF AND ROAD COMMISSIONER SHALL BE NOTIFIED AT LEAST 10 DAYS PRIOR TO ROAD WORK. CONTRACTOR SHALL MAINTAIN THE ROADWAY FOR THE DURATION OF THE CONTRACT TO INCLUDE CONSTRUCTION AND WEATHER DELAYS.

7. THE CONTRACTOR MUST CONTACT DIG SAFE AND ALL LOCAL UTILITIES PRIOR TO EXCAVATION TO VERIFY THE LOCATION OF EXISTING SUBSURFACE UTILITIES AND CONDITIONS. LOCATING AND PROTECTING ANY UNDERGROUND OR ABOVE GROUND UTILITY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

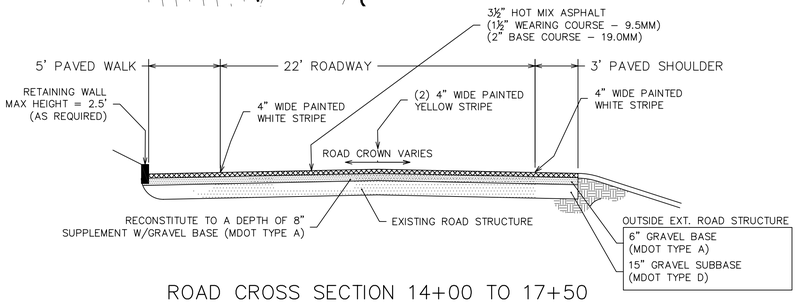
8. INSTALLATION OD SILTATION FENCE/BARRIERS SHALL BE IN ACCORDANCE WITH THESE PLANS AND THE BEST MANAGEMENT PRACTICE B-1 (BMP B-1) FROM THE MAINE DEP'S EROSION AND SEDIMENT CONTROLS BMPS DATED MARCH 2003.

9. DISTURBED AREAS BELOW HIGH TIDE LEVEL SHALL BE GRADED TO CONFORM TO ADJACENT MARSH AREAS AND PLANTED WITH 2 X 2 INCH PLUGS OF NATIVE MARSH PLANTS HARVESTED FROM THE ADJACENT MARSH WITH PLANTS PLACED 24" O/C. EXCAVATION FOR PLUGS SHALL BE BACKFILLED WITH MARSH SOIL OR CLEAN SAND.

10. ROADWAY CROWN TO BE A MINIMUM ¼" PER FOOT.

11. GRAVEL STRUCTURAL FILL TO BE COMPACTED TO 95% MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557. LIFT THICKNESS TO BE 6" MAXIMUM.

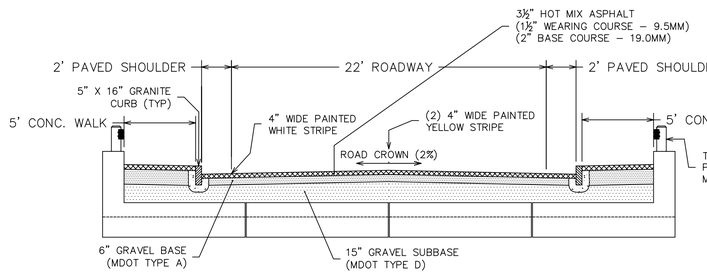
12. SIDE SLOPES TO COVERED WITH 4" LOAM, SEEDED AND MULCHED.



ROAD CROSS SECTION 14+00 TO 17+50

SCALE: (NTS)

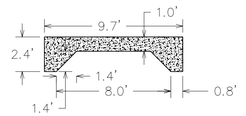
SUBGRADE TO BE COMPACTED TO 95% MODIFIED PROCTOR



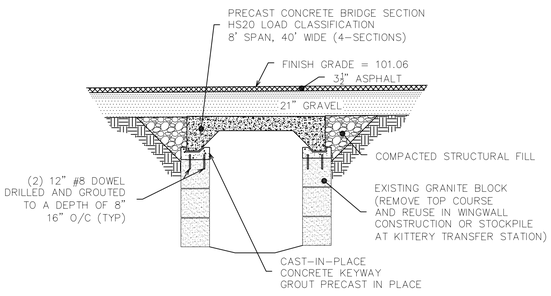
ROAD CROSS SECTION 12+00 TO 13+00

SCALE: (NTS)

SUBGRADE TO BE COMPACTED TO 95% MODIFIED PROCTOR



PRECAST BRIDGE DETAIL



PRECAST BRIDGE CROSS SECTION

GRAPHIC SCALE

30 0 30 60 90 (FEET)

NO.	DESCRIPTION	DATE
	REVISIONS	

GRADING & UTILITY PLAN
CROCKETTS NECK ROAD IMPROVEMENTS
KITTERY, ME

FOR: TOWN OF KITTERY, MAINE
200 ROGERS ROAD EXT.
KITTERY, MAINE 03904

ATTAR ENGINEERING, INC.
CIVIL ◆ STRUCTURAL ◆ MARINE
1284 STATE ROAD - ELIOT, MAINE 03903
PHONE: (207)439-6023 FAX: (207)439-2128

SCALE: 1" = 30'	APPROVED BY:	DRAWN BY: JLC
DATE: 10/18/12		REVISION : DATE - : -
JOB NO: C101-12	CAD FILE: CROCKETTS BASE	SHEET 1 OF 4