



JOHN ELIAS BALDACCI  
GOVERNOR

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
16 STATE HOUSE STATION  
AUGUSTA, MAINE  
04333-0016

DAVID A. COLE  
COMMISSIONER

January 15, 2009  
Subject: **Poland**  
State Project No. NH-1001(400)E  
State Pin No. 010014.00  
**Amendment No. 4**

Dear Sir/Ms:

Make the following changes to the bid documents.

In the Bid Book, **REMOVE** the "SCHEDULE OF ITEMS" (15 pages dated 090112 and replaced in amendment #2) and **REPLACE** with the attached new "SCHEDULE OF ITEMS" (15 pages dated 090113)

In the Bid Book, **REMOVE** pages 167 through 228 inclusive (Wetland Impact Plans and environmental data) and **REPLACE** with the attached new environmental data, 69 pages.

In the Plans, ESTIMATED QUANTITIES (Plan Sheet 18 of 251)

**CORRECTION** to Amendment #2. Should read "Bridge Alternate **#1** – Item 203.2318, **CHANGE** the quantity from 400 to **100 MG** (Sheet 18 of 215)"  
Make this change in pen and ink.

NOTE - Item 203.2318 is NOT listed under Bridge Alternate #2.

**CHANGE** the following in the "ESTIMATED QUANTITIES":  
603.209 – 750mm Culvert Pipe OPT III - Correct Quantity is **51.0 M**  
Make this change in pen and ink.

In the Plans, **REMOVE** Plan Sheets 245, 246, 247, 248, 249, 250 & 251 and **REPLACE** with the attached new Plan Sheets.

**NOTE** – Plan Holders who ordered full and ½ size plans will also receive the size and quantity they ordered via FEDEX or mail.

The following questions have been received:

**Question:** Special Provision, Section 104, Utilities indicates temporary utility adjustments are not anticipated. Overhead power lines will require temporary relocation



PRINTED ON RECYCLED PAPER

to maintain proper clearances during bridge construction activities, pile driving, coffer dam, etc. Please indicate why adjustments were not anticipated.

**Response:** It is the intention not to have temporary moves with the offset as designed, however this may not be the case if clearances can not be met. The poles around the bridge area will be discussed with the Contractor at the Pre-construction meeting, discussion will include: bridge alternative as awarded, bridge work area limits, material and equipment staging / work area, as well as construction schedule to be discussed in detail.

**Question:** On page 6 of the Schedule Of Items, line #0570 – Item No 608.26 – Curb Ramp Detectable Warning Field, the quantity is 22M2. In the Plans, Plan Sheet #17, Estimated Quantities, Item 608.26 is 2M2. The Plans look like the correct quantity, could you verify.

**Response:** The correct quantity is 2 m2. Please see the attached new Schedule Of Items.

**Question:** If allowed to move the second pile in from the downstream side of the bridge, in bridge alternate #2, all piles will miss the existing structure. It appears that moving this pile 6” to 1 foot will miss the wing wall footing eliminating the need to remove the wing wall below elevation 92 +/- . Would it be permissible to move this one pile at each abutment to miss the existing footing?

**Response:** Our intent was for that pile to miss the corner of the existing wingwall footing. Our analysis shows that pile as missing the existing footing on the upstream side of the existing footing by nearly two feet. If there is indeed an interference issue, we will work with the contractor to adjust the pile layout to avoid the existing footing if at all possible. If necessary, we have no objection to moving that pile 6-12” in the upstream direction.

**Question:** Amendment No. 2, sheet 2, asks to change Item 203.2318 quantity from 400 to 100MG. But there is not Item 203.2318 in the quantity summary on sheet 18 of 251. Is this to be added?

**Response:** No, The quantity change was intended for Bridge Alternate #1 ONLY. This error has been corrected in this amendment

Consider these changes and information prior to submitting your bid on **January 28, 2009.**

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Bickford" with a stylized flourish at the end.

Scott Bickford  
Contracts & Specifications Engineer

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 HIGHWAY ITEMS

0010	201.11 CLEARING	3.400 HA				
0020	201.23 REMOVING SINGLE TREE TOP ONLY	34.000 EA				
0030	201.24 REMOVING STUMP	34.000 EA				
0040	202.08 REMOVING BUILDING NO.: 1	LUMP	LUMP			
0050	202.08 REMOVING BUILDING NO.: 2	LUMP	LUMP			
0060	202.08 REMOVING BUILDING NO.: 3	LUMP	LUMP			
0070	202.203 PAVEMENT BUTT JOINTS	465.000 M2				
0080	203.20 COMMON EXCAVATION	74200.000 M3				
0090	203.2312 HEALTH AND SAFETY PLAN	LUMP	LUMP			
0100	203.2318 DISPOSAL OF SPECIAL WASTE	100.000 MG				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	203.2333 DISPOSAL OF SPECIAL EXCAVATION	100.000 MG				
0120	206.061 STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	300.000 M3				
0130	206.07 STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	300.000 M3				
0140	409.15 BITUMINOUS TACK COAT APPLIED	16000.000 L				
0150	502.341 STRUCTURAL CONCRETE ROADWAY MEDIAN	332.000 M3				
0160	527.34 WORK ZONE CRASH CUSHIONS	2.000 UN				
0170	603.15 300 MM CULVERT PIPE OPTION I	11.000 M				
0180	603.155 300 MM RCP CLASS III	35.000 M				
0190	603.159 300 MM CULVERT PIPE OPTION III	54.000 M				
0200	603.16 375 MM CULVERT PIPE OPTION I	68.000 M				
0210	603.169 375 MM CULVERT PIPE OPTION III	151.000 M				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	603.17 450 MM CULVERT PIPE OPTION I	M 89.000				
0230	603.175 450 MM RCP CLASS III	M 225.000				
0240	603.179 450 MM CULVERT PIPE OPTION III	M 56.000				
0250	603.195 600 MM RCP CLASS III	M 66.000				
0260	603.199 600 MM CULVERT PIPE OPTION III	M 65.000				
0270	603.205 750 MM REINFORCED CONCRETE PIPE CLASS III	M 20.000				
0280	603.209 750 MM CULVERT PIPE OPTION III	M 51.000				
0290	603.21 900 MM CULVERT PIPE OPTION I	M 15.000				
0300	603.215 900 MM REINFORCED CONCRETE PIPE CLASS III	M 51.000				
0310	604.092 CATCH BASIN TYPE B1-C	EA 62.000				
0320	604.096 1500 MM CATCH BASIN TYPE B1-C	EA 6.000				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0330	604.097 1800 MM CATCH BASIN TYPE B1-C	EA 2.000				
0340	604.098 2100 MM CATCH BASIN B1-C	EA 2.000				
0350	604.11 CATCH BASIN TYPE C1	EA 3.000				
0360	604.15 MANHOLE	EA 1.000				
0370	604.244 CATCH BASIN TYPE F4	EA 2.000				
0380	604.246 CATCH BASIN TYPE F5	EA 4.000				
0390	604.248 CATCH BASIN TYPE F6	EA 1.000				
0400	605.09 150 MM UNDERDRAIN TYPE B	M 2250.000				
0410	605.10 150 MM UNDERDRAIN OUTLET	M 25.000				
0420	605.11 300 MM UNDERDRAIN TYPE C	M 1275.000				
0430	605.12 375 MM UNDERDRAIN TYPE C	M 220.000				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0440	605.13 450 MM UNDERDRAIN TYPE C	200.000 M				
0450	605.15 600 MM UNDERDRAIN TYPE C	75.000 M				
0460	606.23 GUARDRAIL TYPE 3C - SINGLE RAIL	1125.000 M				
0470	606.232 GUARDRAIL TYPE 3C - OVER 4.5 M RADIUS	6.000 M				
0480	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	24.000 EA				
0490	606.363 GUARDRAIL REMOVE AND DISPOSE	185.000 M				
0500	606.365 GUARDRAIL REMOVE, MODIFY, AND RESET TYPR 3B TO 3C	780.000 M				
0510	606.47 SINGLE WOOD POST	30.000 EA				
0520	606.611 TIMBER GUARDRAIL	63.000 M				
0530	606.79 GUARDRAIL 350 FLARED TERMINAL	11.000 EA				
0540	606.80 BURIED-IN-SLOPE GUARDRAIL END	1.000 EA				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0550	607.24 REMOVE AND RESET FENCE	M 190.000				
0560	608.08 REINFORCED CONCRETE SIDEWALK	M2 144.000				
0570	608.26 CURB RAMP DETECTABLE WARNING FIELD	M2 2.000				
0580	609.31 CURB TYPE 3	M 3000.000				
0590	610.08 PLAIN RIPRAP	M3 305.000				
0600	610.18 STONE DITCH PROTECTION	M3 340.000				
0610	613.319 EROSION CONTROL BLANKET	M2 53500.000				
0620	615.07 LOAM	M3 6575.000				
0630	618.1301 SEEDING METHOD NUMBER 1 - PLAN QUANTITY	UN 315.000				
0640	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	UN 460.000				
0650	618.1411 SEEDING METHOD NUMBER 3 - PLAN QUANTITY	UN 235.000				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0660	619.1201 MULCH - PLAN QUANTITY	1050.000 UN				
0670	620.58 EROSION CONTROL GEOTEXTILE	2200.000 M2				
0680	627.711 WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE (PLAN QUANTITY )	22010.000 M				
0690	627.75 WHITE OR YELLOW PAVEMENT AND CURB MARKING	35.000 M2				
0700	627.76 TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LUMP	LUMP			
0710	629.05 HAND LABOR, STRAIGHT TIME	475.000 HR				
0720	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	80.000 HR				
0730	631.13 BULLDOZER (INCLUDING OPERATOR)	80.000 HR				
0740	631.14 GRADER (INCLUDING OPERATOR)	80.000 HR				
0750	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	80.000 HR				
0760	631.20 STUMP CHIPPER (INCLUDING OPERATOR)	40.000 HR				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0770	631.22 FRONT END LOADER (INCLUDING OPERATOR)	80.000 HR				
0780	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	40.000 HR				
0790	639.18 FIELD OFFICE TYPE A	1.000 EA				
0800	652.31 TYPE I BARRICADE	50.000 EA				
0810	652.311 TYPE II BARRICADE	50.000 EA				
0820	652.33 DRUM	200.000 EA				
0830	652.34 CONE	200.000 EA				
0840	652.35 CONSTRUCTION SIGNS	250.000 M2				
0850	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP	LUMP			
0860	652.38 FLAGGER	14000.000 HR				
0870	652.41 PORTABLE - CHANGEABLE MESSAGE SIGN	4.000 EA				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0880	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0890	659.10 MOBILIZATION	LUMP	LUMP			
0900	660.21 ON-THE-JOB TRAINING (BID)	2000.000 HR				
SECTION 0001 TOTAL						.

SECTION 0002 PAVEMENT ALTERNATE 1  
ALT GROUP AP1

0910	304.09 AGGREGATE BASE COURSE - CRUSHED	28600.000 M3				
0920	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	29900.000 M3				
0930	403.207 HOT MIX ASPHALT 19.0 MM NOMINAL MAX SIZE	14450.000 MG				
0940	403.208 HOT MIX ASPHALT 12.5 MM, SURFACE	8400.000 MG				
0950	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	420.000 MG				
0960	403.213 HOT MIX ASPHALT 12.5 MM, BASE	8475.000 MG				
SECTION 0002 TOTAL						.

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0003 PAVEMENT ALTERNATE 2 ALT GROUP AP2						
0970	304.09 AGGREGATE BASE COURSE - CRUSHED	M3 55300.000				
0980	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	M3 4625.000				
0990	403.207 HOT MIX ASPHALT 19.0 MM NOMINAL MAX SIZE	MG 10500.000				
1000	403.208 HOT MIX ASPHALT 12.5 MM, SURFACE	MG 8300.000				
1010	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	MG 420.000				
1020	403.213 HOT MIX ASPHALT 12.5 MM, BASE	MG 8475.000				
SECTION 0003 TOTAL						
SECTION 0004 BRIDGE ALTERNATE 1 ALT GROUP AB1						
1030	202.19 REMOVING EXISTING BRIDGE	LUMP	LUMP			
1040	203.2318 DISPOSAL OF SPECIAL WASTE	MG 100.000				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1050	203.247 LIGHTWEIGHT FILL	31.000 MG				
1060	203.25 GRANULAR BORROW	185.000 M3				
1070	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	490.000 M3				
1080	502.21 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	32.000 M3				
1090	502.219 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	LUMP	LUMP			
1100	502.22 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS (PLACED UNDER WATER)	250.000 M3				
1110	502.31 STRUCTURAL CONCRETE APPROACH SLABS	LUMP	LUMP			
1120	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALKS	LUMP	LUMP			
1130	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	9378.000 KG				
1140	503.13 REINFORCING STEEL, PLACING	9378.000 KG				
1150	508.13 MEMBRANE WATERPROOFING	LUMP	LUMP			

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1160	510.10 SPECIAL DETOUR _____ (M) ROADWAY WIDTH VEHICULAR & PEDESTRIAN TRAFFIC NOT SEPARATED	LUMP	LUMP			
1170	511.07 COFFERDAM: ABUTMENT NO. 1	LUMP	LUMP			
1180	511.07 COFFERDAM: ABUTMENT NO. 2	LUMP	LUMP			
1190	512.081 FRENCH DRAINS	LUMP	LUMP			
1200	514.06 CURING BOX FOR CONCRETE CYLINDERS	EA	1.000			
1210	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP	LUMP			
1220	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP	LUMP			
1230	535.60 PRESTRESSED STRUCTURAL CONCRETE SLAB	LUMP	LUMP			
1240	606.74 GUARDRAIL TYPE 3 - SINGLE RAIL BRIDGE MOUNTED	M	39.000			
1250	610.11 STONE BLANKET	M3	65.000			

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1260	620.58 EROSION CONTROL GEOTEXTILE	M2 102.000				
SECTION 0004 TOTAL						.
SECTION 0005 BRIDGE ALTERNATE 2 ALT GROUP AB2						
1270	202.19 REMOVING EXISTING BRIDGE	LUMP	LUMP			
1280	203.25 GRANULAR BORROW	M3 351.000				
1290	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	M3 840.000				
1300	501.231 DYNAMIC LOADING TEST	EA 2.000				
1310	501.53 STEEL H-BEAM PILES 108 KG/M, DELIVERED	M 330.000				
1320	501.531 STEEL H-BEAM PILES 108 KG/M, IN-PLACE	M 330.000				
1330	501.90 PILE TIPS	EA 10.000				
1340	501.91 PILE SPLICES	EA 10.000				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1350	501.92 PILE DRIVING EQUIPMENT MOBILIZATION	LUMP	LUMP			
1360	502.219 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	LUMP	LUMP			
1370	502.25 STRUCTURAL CONCRETE SUPERSTRUCTURE SLABS	LUMP	LUMP			
1380	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALKS	LUMP	LUMP			
1390	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	6650.000 KG				
1400	503.13 REINFORCING STEEL, PLACING	6650.000 KG				
1410	507.0811 STEEL BRIDGE RAILING, 2 BAR	LUMP	LUMP			
1420	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP	LUMP			
1430	511.07 COFFERDAM: DOWNSTREAM	LUMP	LUMP			
1440	511.07 COFFERDAM: UPSTREAM	LUMP	LUMP			
1450	512.081 FRENCH DRAINS	LUMP	LUMP			

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 010014.00

PROJECT(S): NH-1001(400)E

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1460	514.06 CURING BOX FOR CONCRETE CYLINDERS	1.000 EA				
1470	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP	LUMP			
1480	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP	LUMP			
1490	526.34 PERMANENT CONCRETE TRANSITION BARRIER	4.000 EA				
1500	527.34 WORK ZONE CRASH CUSHIONS	2.000 UN				
1510	535.60 PRESTRESSED STRUCTURAL CONCRETE SLAB	LUMP	LUMP			
1520	610.08 PLAIN RIPRAP	135.000 M3				
	SECTION 0005 TOTAL					
	TOTAL BID SECTION 0001 W/CHOSEN PAVEMENT AND BRIDGE ALT'S.					



**DEPARTMENT OF THE ARMY**  
 NEW ENGLAND DISTRICT, CORPS OF ENGINEERS  
 696 VIRGINIA ROAD  
 CONCORD, MASSACHUSETTS 01742-2751

REPLY TO:  
 ATTENTION OF:

**MAINE PROGRAMMATIC GENERAL PERMIT (PGP)  
 AUTHORIZATION LETTER AND SCREENING SUMMARY**

OFFICE OF ENVIRONMENTAL SERVICES  
 MAINE DEPT. OF TRANSPORTATION  
 16 STATE HOUSE STATION  
 AUGUSTA, MAINE 04333

CORPS PERMIT # NAE-2008-02836  
 CORPS PGP ID# 08-389  
 STATE ID# PBR

**DESCRIPTION OF WORK:**

Place fill below the ordinary high water line of Middle Range Pond, several unnamed streams, and in adjacent freshwater wetlands along Route 26 at Poland, Maine in order to reconstruct a 3.65 mile section of the roadway and replace an existing deteriorated bridge. Approximately 115,671 s.f. (2.65 acres) of freshwater wetland and stream bed will be impacted by the project. This work is shown on the attached plans entitled "WETLAND IMPACT PLANS, POLAND, ROUTE 26" in 40 sheets undated.

LAT/LONG COORDINATES : 44.0376755° N 70.3730867° W USGS QUAD: MINOT, ME

**I. CORPS DETERMINATION:**

Based on our review of the information you provided, we have determined that your project will have only minimal individual and cumulative impacts on waters and wetlands of the United States. **Your work is therefore authorized by the U.S. Army Corps of Engineers under the enclosed Federal Permit, the Maine Programmatic General Permit (PGP).**

You must perform the activity authorized herein in compliance with all the terms and conditions of the PGP [including any attached Additional Conditions and any conditions placed on the State 401 Water Quality Certification including any required mitigation]. Please review the enclosed PGP carefully, including the PGP conditions beginning on page 7, to familiarize yourself with its contents. You are responsible for complying with all of the PGP requirements; therefore you should be certain that whoever does the work fully understands all of the conditions. You may wish to discuss the conditions of this authorization with your contractor to ensure the contractor can accomplish the work in a manner that conforms to all requirements.

If you change the plans or construction methods for work within our jurisdiction, please contact us immediately to discuss modification of this authorization. This office must approve any changes before you undertake them.

Condition 38 of the PGP (page 15) provides one year for completion of work that has commenced or is under contract to commence prior to the expiration of the PGP on October 11, 2010. You will need to apply for reauthorization for any work within Corps jurisdiction that is not completed by October 11, 2011.

This authorization presumes the work shown on your plans noted above is in waters of the U.S. Should you desire to appeal our jurisdiction, please submit a request for an approved jurisdictional determination in writing to the undersigned.

No work may be started unless and until all other required local, State and Federal licenses and permits have been obtained. **This includes but is not limited to a Flood Hazard Development Permit issued by the town if necessary.** Also, this permit requires you to notify us before beginning work and allow us to inspect the project. Hence, you must complete and return the attached Work Start Notification Form(s) to this office no later than 2 weeks before the anticipated starting date. (For projects requiring mitigation, be sure to include the MITIGATION WORK START FORM).

**II. STATE ACTIONS:** PENDING [  ] ISSUED [  ] DENIED [  ] DATE \_\_\_\_\_

APPLICATION TYPE: PBR:  TIER 1: \_\_\_\_\_ TIER 2: \_\_\_\_\_ TIER 3: \_\_\_\_\_ LURC: \_\_\_\_\_ DMR LEASE: \_\_\_\_\_ NA: \_\_\_\_\_

**III. FEDERAL ACTIONS:**

JOINT PROCESSING MEETING: 10/22/08 LEVEL OF REVIEW: CATEGORY 1: \_\_\_\_\_ CATEGORY 2:

AUTHORITY (Based on a review of plans and/or State/Federal applications): SEC 10 \_\_\_\_\_, 404  10/404 \_\_\_\_\_, 103 \_\_\_\_\_

EXCLUSIONS: The exclusionary criteria identified in the general permit do not apply to this project.

FEDERAL RESOURCE AGENCY OBJECTIONS: EPA\_NO \_\_\_\_\_, USF&WS\_NO \_\_\_\_\_, NMFS\_NO \_\_\_\_\_

If you have any questions on this matter, please contact my staff at 207-623-8367 at our Manchester, Maine Project Office.

JAY L. CLEMENT  
 SENIOR PROJECT MANAGER  
 MAINE PROJECT OFFICE

PHILIP T. FEIR  
 COLONEL, CORPS OF ENGINEERS  
 DISTRICT ENGINEER

12-30-08  
 DATE



US Army Corps  
of Engineers®  
New England District

ADDITIONAL CONDITIONS FOR  
DEPARTMENT OF THE ARMY  
PROGRAMMATIC GENERAL PERMIT  
NO. NAE-2008-02836

1. This authorization requires you to 1) notify us before beginning work so we may inspect the project, and 2) submit a Compliance Certification Form. You must complete and return the enclosed Work Start Notification Form(s) to this office at least two weeks before the anticipated starting date. You must complete and return the enclosed Compliance Certification Form within one month following the completion of the authorized work and any required mitigation (but not mitigation monitoring, which requires separate submittals).
2. The permittee shall assure that a copy of this permit is at the work site whenever work is being performed and that all personnel performing work at the site of the work authorized by this permit are fully aware of the terms and conditions of the permit. This permit, including its drawings and any appendices and other attachments, shall be made a part of any and all contracts and sub-contracts for work which affects areas of Corps of Engineers' jurisdiction at the site of the work authorized by this permit. This shall be done by including the entire permit in the specifications for the work. If the permit is issued after construction specifications but before receipt of bids or quotes, the entire permit shall be included as an addendum to the specifications. The term "entire permit" includes permit amendments. Although the permittee may assign various aspects of the work to different contractors or sub-contractors, all contractors and sub-contractors shall be obligated by contract to comply with all environmental protection provisions of the entire permit, and no contract or sub-contract shall require or allow unauthorized work in areas of Corps of Engineers jurisdiction.
3. Adequate sedimentation and erosion control devices, such as geotextile silt fences or other devices capable of filtering the fines involved, shall be installed and properly maintained to minimize impacts during construction. These devices must be removed upon completion of work and stabilization of disturbed areas. The sediment collected by these devices must also be removed and placed upland, in a manner that will prevent its later erosion and transport to a waterway or wetland.
4. All exposed soils resulting from the construction will be promptly seeded and mulched in order to achieve vegetative stabilization.
5. Instream work shall be conducted from July 15 to November 15 in order to minimize potential impacts to fisheries and local water quality.
6. The permittee shall ensure that the placement/replacement of culverts conforms to the provisions of the current Maine DOT Fish Passage & Design Guide.
7. Mitigation shall consist of payment of \$418,173.45 to the Natural Resource Mitigation Fund. **This authorization is not valid until the permittee provides the Corps with a copy of the check.**
8. The permittee shall comply with all provisions of the attached Memorandum of Agreement (MOA) pursuant to Section 106 of the National Historic Preservation Act.



**US Army Corps  
of Engineers**®  
New England District

**PGP**  
**WORK-START NOTIFICATION FORM**  
(Minimum Notice: Two weeks before work begins)

\*\*\*\*\*  
\* MAIL TO: U.S. Army Corps of Engineers, New England District \*  
\* Policy Analysis/Technical Support Branch \*  
\* Regulatory Division \*  
\* 696 Virginia Road \*  
\* Concord, Massachusetts 01742-2751 \*  
\*\*\*\*\*

Corps of Engineers Permit No. **NAE-2008-02836** was issued to **MaineDOT**. This work is located in **Middle Range Pond and in adjacent freshwater wetlands along Route 26 in Poland, Maine in order to reconstruct a 3.65 mile section of roadway and replace an existing deteriorated bridge..** The permit authorized the permittee to **fill approximately 115,671 s.f. (2.65 Acres).**

The people (e.g., contractor) listed below will do the work, and they understand the permit's conditions and limitations.

**PLEASE PRINT OR TYPE**

**Name of Person/Firm:** \_\_\_\_\_

**Business Address:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Telephone Numbers:** ( ) \_\_\_\_\_ ( ) \_\_\_\_\_

**Proposed Work Dates:**      **Start:** \_\_\_\_\_      **Finish:** \_\_\_\_\_

**Permittee's Signature:** \_\_\_\_\_      **Date:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_      **Title:** \_\_\_\_\_

\*\*\*\*\*  
**FOR USE BY THE CORPS OF ENGINEERS**

**PM:** \_\_\_\_\_      **Submittals Required:** \_\_\_\_\_

**Inspection Recommendation:**



**US Army Corps  
of Engineers** ®  
New England District

(Minimum Notice: Permittee must sign and return notification  
within one month of the completion of work.)

## COMPLIANCE CERTIFICATION FORM

**USACE Project Number:** NAE-2008-02836

**Name of Permittee:** MaineDOT

**Permit Issuance Date:** 12/30/08

Please sign this certification and return it to the following address upon completion of the activity and any mitigation required by the permit. You must submit this after the mitigation is complete, but not the mitigation monitoring, which requires separate submittals.

```

*****
* MAIL TO: U.S. Army Corps of Engineers, New England District *
*           Policy Analysis/Technical Support Branch, ATTN: Marie Farese *
*           Regulatory Division *
*           696 Virginia Road *
*           Concord, Massachusetts 01742-2751 *
*****

```

Please note that your permitted activity is subject to a compliance inspection by an U.S. Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification, or revocation.

**I hereby certify that the work authorized by the above referenced permit was completed in accordance with the terms and conditions of the above referenced permit, and any required mitigation was completed in accordance with the permit conditions.**

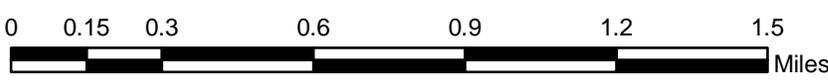
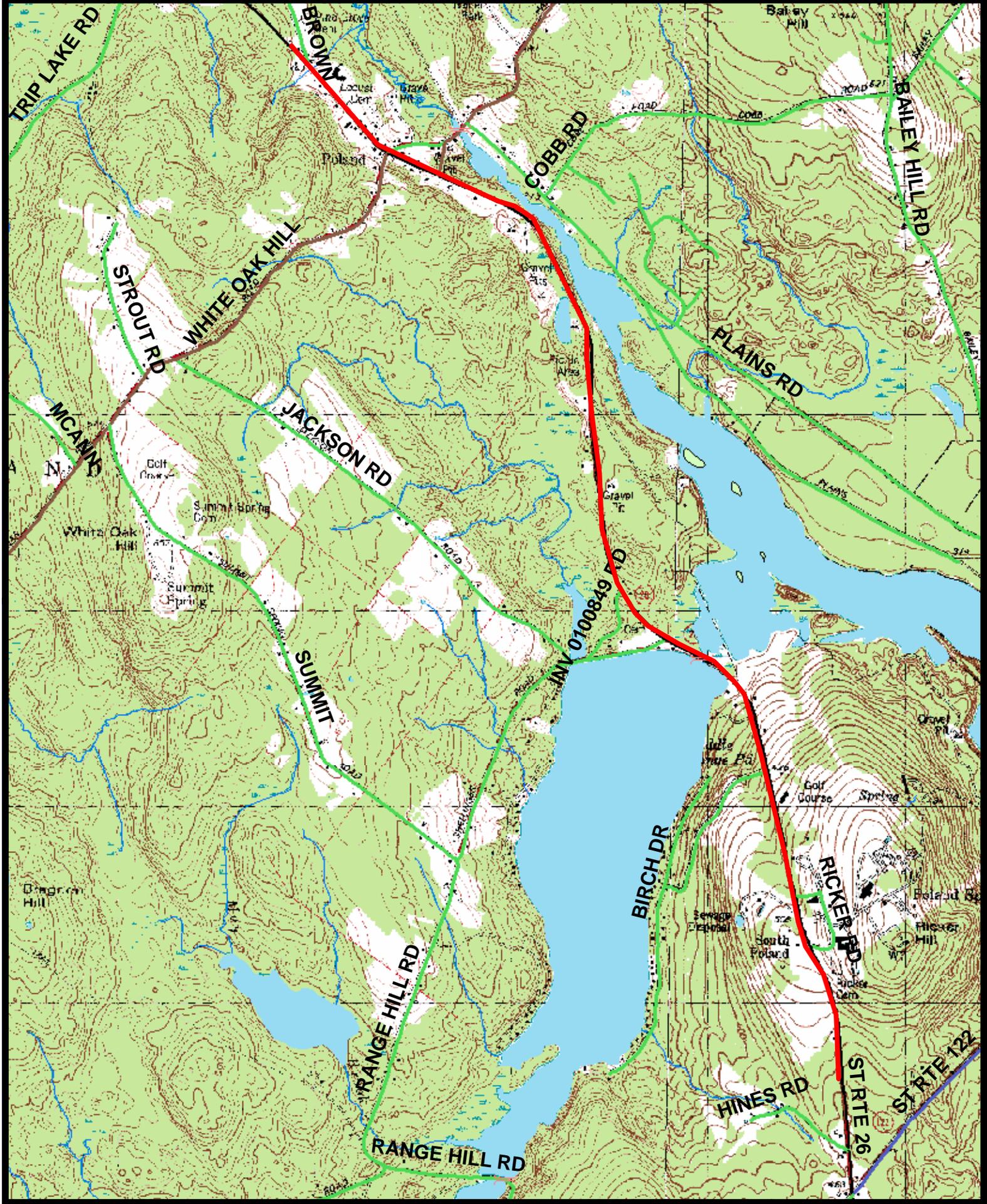
\_\_\_\_\_  
Signature of Permittee

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date of Work Completion

Telephone Number (\_\_\_\_) \_\_\_\_\_



# Poland 10014.00

— Project Location

**10014.00 POLAND  
ROUTE 26 RECONSTRUCTION  
STP-1001(400)E  
CLD REFERENCE NO. 07-0332**

**WETLANDS IMPACT SUMMARY TABLE  
(Updated 10/10/08)**

**SLOPE LINE AND DRAIN SUBMISSION**

Wetland <sup>(1)</sup>	Starting Station	Ending Station	Wetland Impacts <sup>(2)</sup>			Mitigation Required <sup>(3)</sup>		PEM (ft2)	PFO (ft2)	PSS (ft2)	LUS (ft2)	FOFP (ft2)	SSFP (ft2)	RUS (ft2)
			(ac)	(ft <sup>2</sup> )	(m <sup>2</sup> )	Factor	(ft <sup>2</sup> )							
1A	20+831 RT	21+089 RT	0.205	8913	828	1	8913		8913					
2U	20+851 LT	20+883 LT	0.030	1292	120	1	1292			1292				
2T	20+956 LT	20+978 LT	0.024	1055	98	1	1055		398	657				
2S	20+980 LT	20+992 LT	0.013	581	54	1	581		581					
2R	21+001 LT	21+051 LT	0.023	1012	94	1	1012		1012					
2Q	21+112 LT	21+123 LT	0.011	484	45	1	484		484					
2P	21+124 LT	21+190 LT	0.069	3025	281	1	3025		3025					
2O	21+195 LT	21+388 LT	0.185	8073	750	1	8073		3563	4510				
1B	21+263 RT	21+334 RT	0.091	3961	368	1	3961	3961						
1C <sup>(4)</sup>	21+278 RT	21+320 RT	0.000	0	0	1	0							
2N	21+399 LT	21+418 LT	0.020	883	82	1	883		883					
2M	21+444 LT	21+562 LT	0.156	6792	631	1	6792		3950	2842				
1D	21+479 RT	21+499 RT	0.023	990	92	1	990	990						
1E	21+565 RT	21+672 RT	0.184	7998	743	1	7998		1367	6631				
2L	21+588 LT	22+062 LT	0.642	27965	2598	1	27965	3638	14456	9871				
1F	21+688 RT	21+787 RT	0.090	3940	366	1	3940		3940					
2K	22+576 LT	22+588 LT	0.006	269	25	1	269			269				
2J	22+627 LT	22+650 LT	0.000	0	0	1	0							
1G	22+831 RT	23+018 RT	0.272	11862	1102	2	23724					2594	9268	
1G (Temp.)	22+941 RT	23+022 RT	0.167	7266	675	Temp	Temp							
1H	23+018 RT	23+034 RT	0.025	1076	100	2	2152							1076
1H (Temp.)	23+022 RT	23+032 RT	0.029	1281	119	Temp	Temp							
G	23+034 LT	23+216 LT	0.223	9698	901	2	19396					2895	6803	
G (Temp.)	23+032 RT	23+094 RT	0.147	6405	595	Temp	Temp							
2I	22+849 LT	22+898 LT	0.000	0	0	2	0							
F	22+963 LT	23+079 LT	0.015	646	60	2	646				646			
2H	23+207 LT	23+221 LT	0.001	54	5	2	54			54				
2G	23+230 LT	23+242 LT	0.000	0	0	2	0							
H	23+889 LT	23+948 LT	0.000	0	0	1	0							
I	23+974 RT	24+050 RT	0.002	75	7	1	75		75					
K	26+227 RT	26+241 RT	0.000	0	0	1	0							
L	26+260 LT	26+264 LT	0.002	75	7	1	75	75						
<b>TOTAL:</b>			<b>2.655</b>	<b>115,671</b>	<b>10,746</b>		<b>123,355</b>	8664	42647	26126	646	5489	16071	1076
						<b>or</b>	<b>2.830 AC</b>							

Notes:

(1) Wetland designations were taken from MDOT delineations as provided through MDOT survey of the project.

(2) Wetland impact areas were determined using proposed slope lines, unless otherwise noted.

(3) Wetland mitigation required = wetland impact x factor.

(4) 1C is assumed to be the easterly limit of wetland 1B.

Date: 10/16/2008

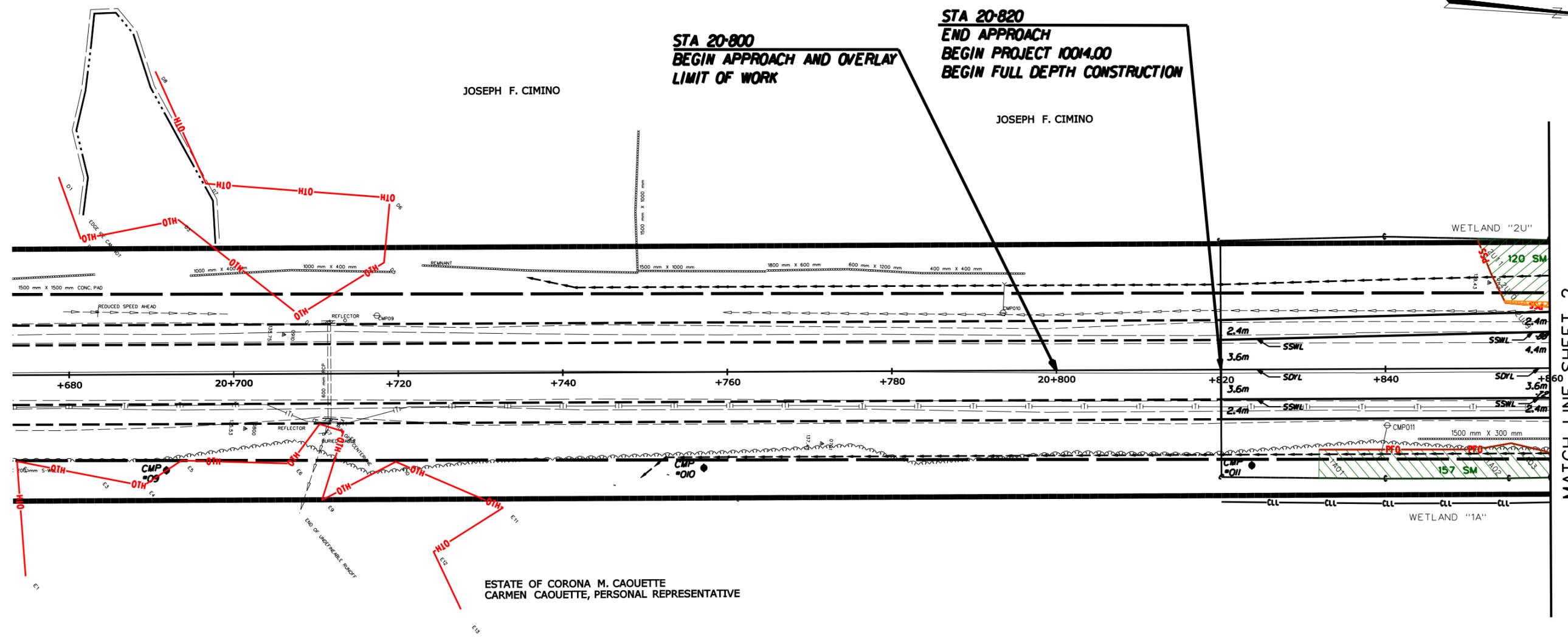
Username:

Division:

Filename: ... \plan\veiland\W019\_Plan\_09.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**



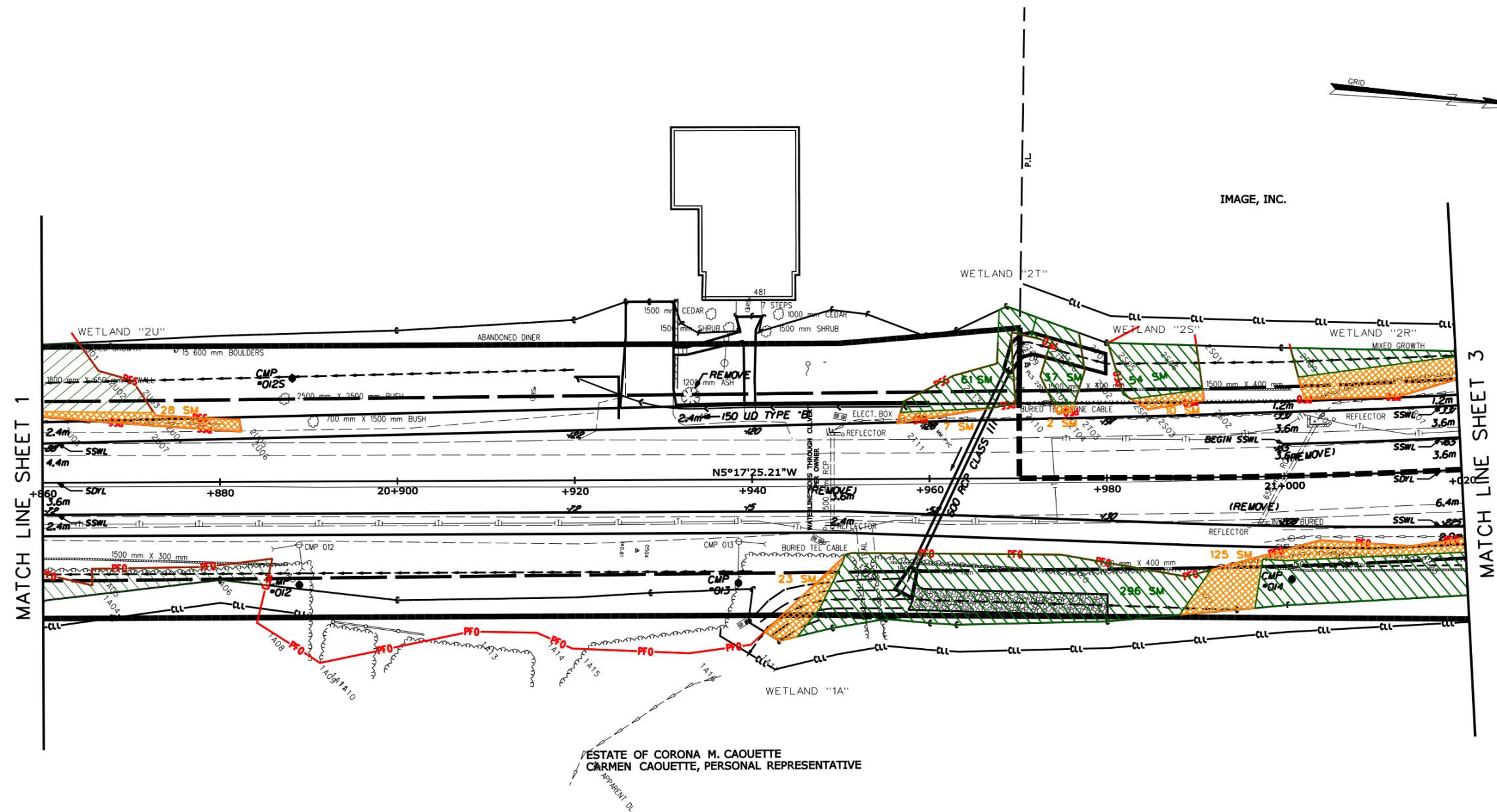
MATCH LINE SHEET 2

<b>LEGEND</b>		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	WETLAND IMPACTS	<b>WETLAND IMPACT PLANS</b> Poland Route 26  SCALE (in meters) SHEET 1 OF 37	
	TEMPORARY WETLAND IMPACTS		
	DITCH IMPACTS		
	RARE PLANT COMMUNITY IMPACTS		

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
 2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\lond\W020\_Plan\_10.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

## WETLAND IMPACT PLANS

Poland  
 Route 26

SCALE  
 (in meters)

SHEET 2 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
 2. All elevations and stations are in meters.

FHWY REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00

Date: 10/16/2008

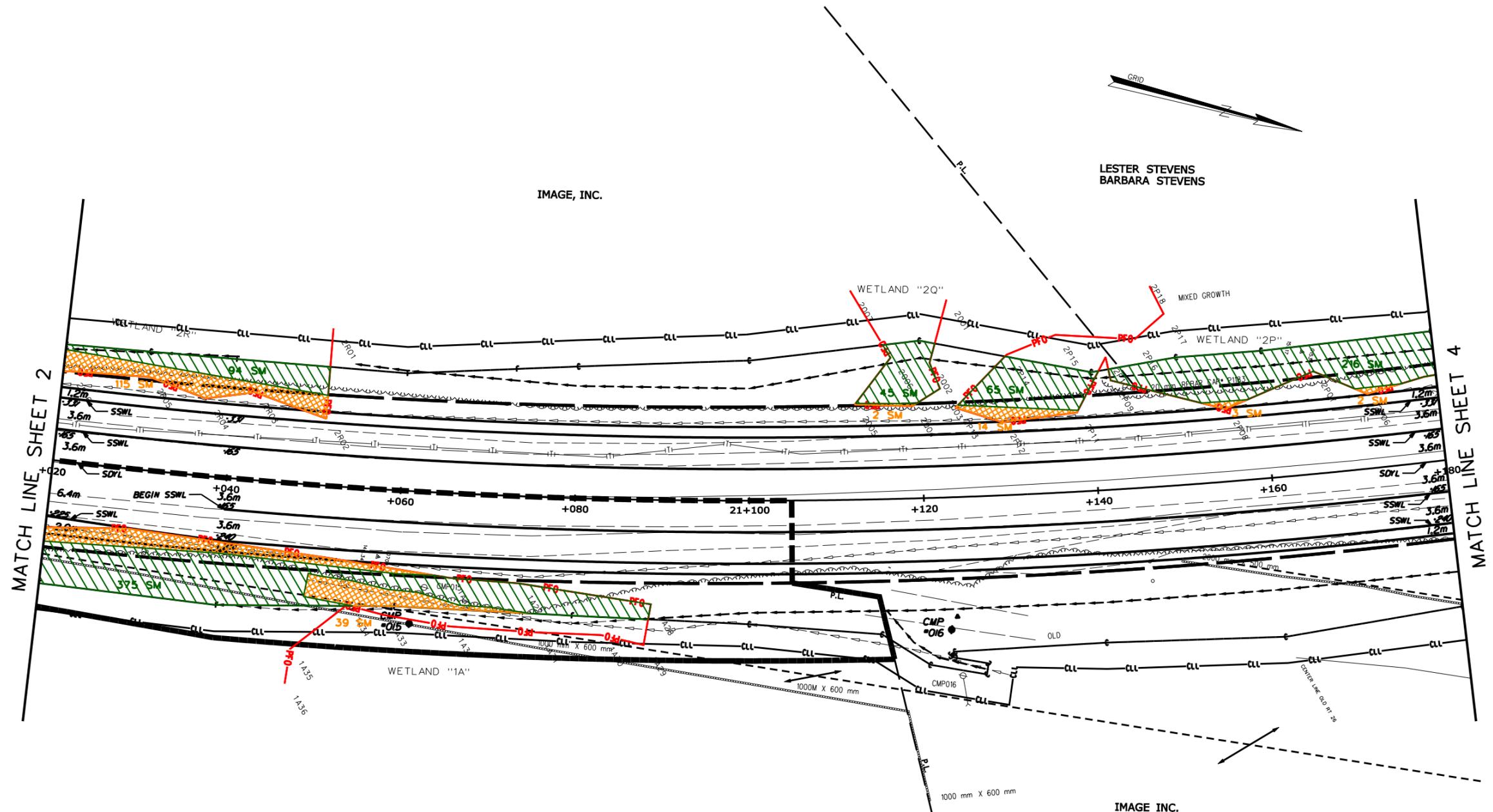
Username:

Division:

Filename: ... \plan\wetland\W021\_Plan\_11.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	
CHECKED	
REVISIONS	
FIELD CHANGES	

**PLANS**



**LEGEND**

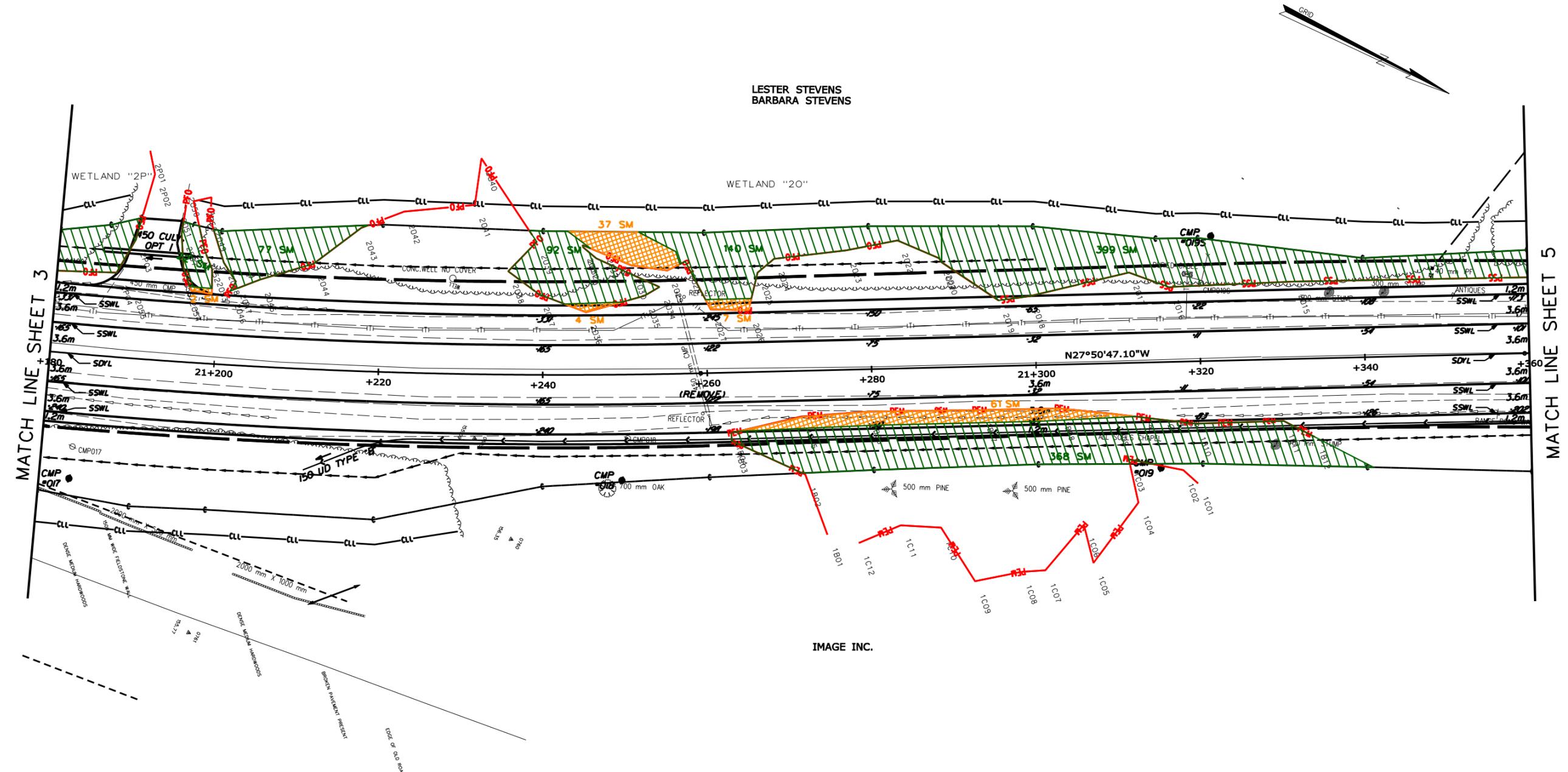
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
 Poland  
 Route 26

SCALE  
 (1" = 100')  
 ASHBY, MAINE

SHEET 3 OF 37



MATCH LINE SHEET 3

MATCH LINE SHEET 5

LESTER STEVENS  
BARBARA STEVENS

IMAGE INC.

Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\lond\W022\_Plan\_12.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
Poland  
Route 26

SCALE  
(in meters)

SHEET 4 OF 37

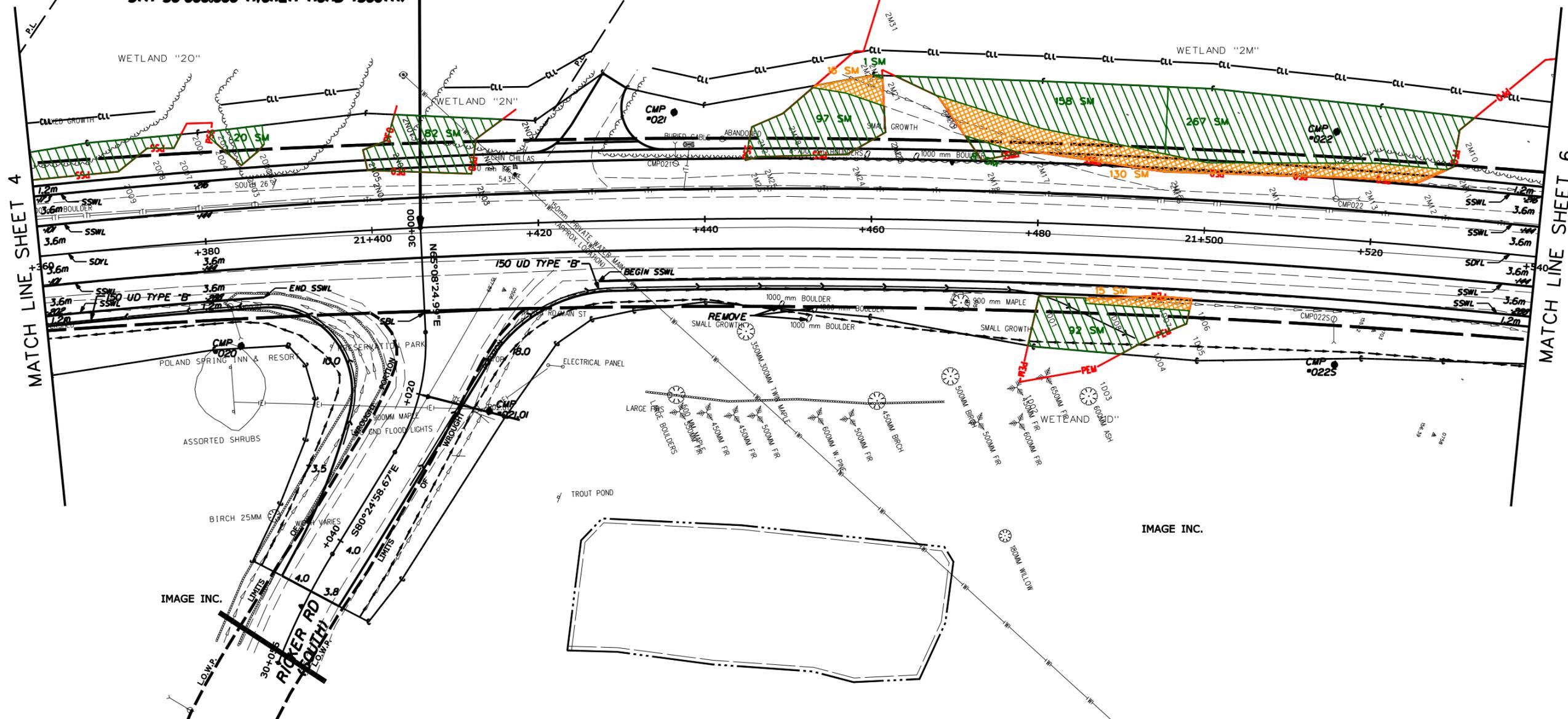
LESTER STEVENS  
BARBARA STEVENS

BRIAN W. BOURQUE  
CONRAD LAFRANCE - LIFE ESTATE  
RUTH F. LAFRANCE - LIFE ESTATE

**STA 21+405.825 ROUTE 26**  
**STA 30+000.000 RICKER ROAD (SOUTH)**



IMAGE INC.



MATCH LINE SHEET 4

MATCH LINE SHEET 6

Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\lond\W023\_Plan\_13.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
Poland  
Route 26

SCALE  
(1:1000 METERS)

SHEET 5 OF 37

Date: 10/16/2008

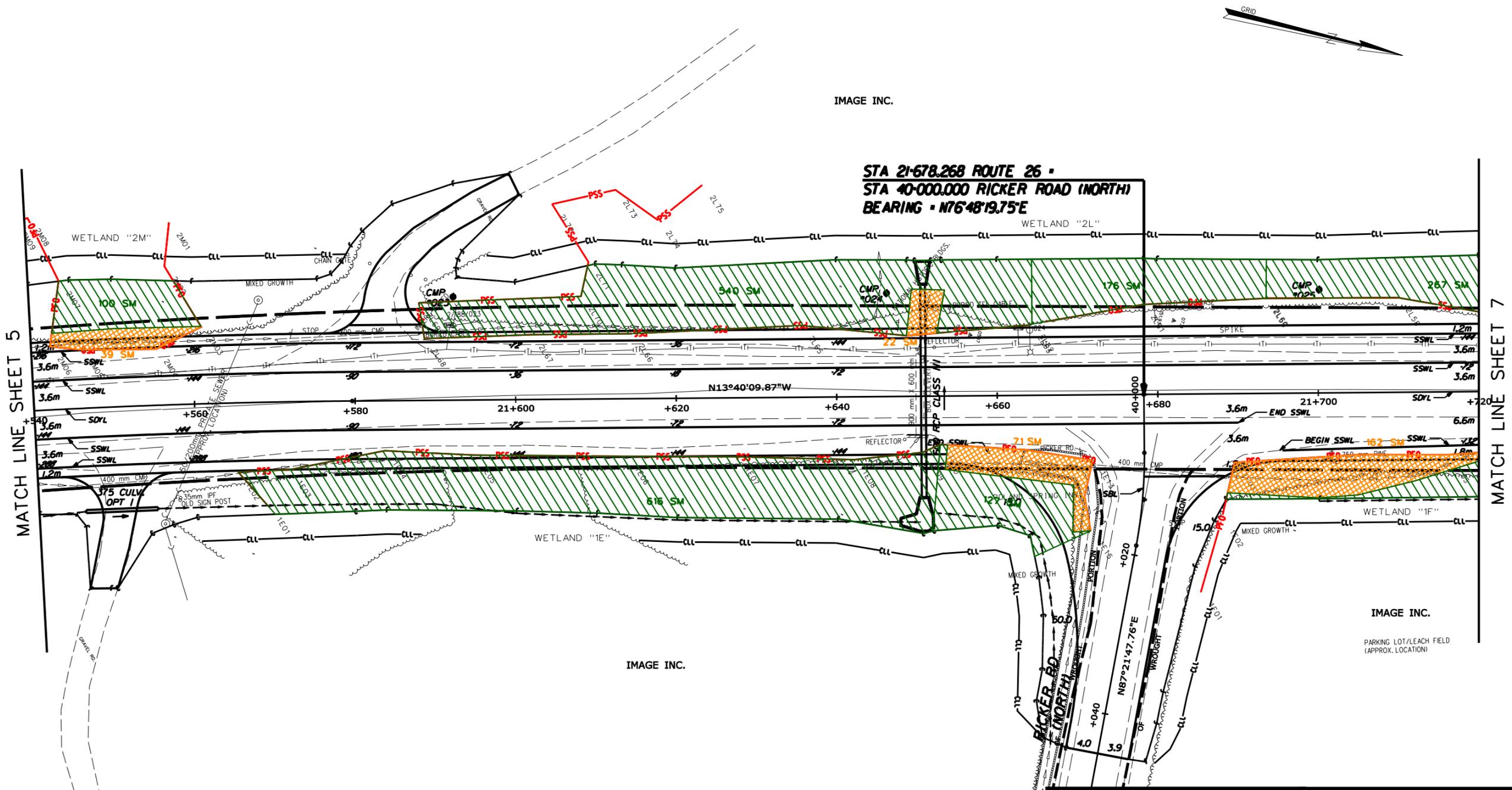
Username:

Division:

Filename: ... \plan\ve\lond\W024\_Plan\_14.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**



**LEGEND**

	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
 Poland  
 Route 26

SCALE  
 1" = 100'

SHEET 6 OF 37

Division:

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00

Date: 10/16/2008

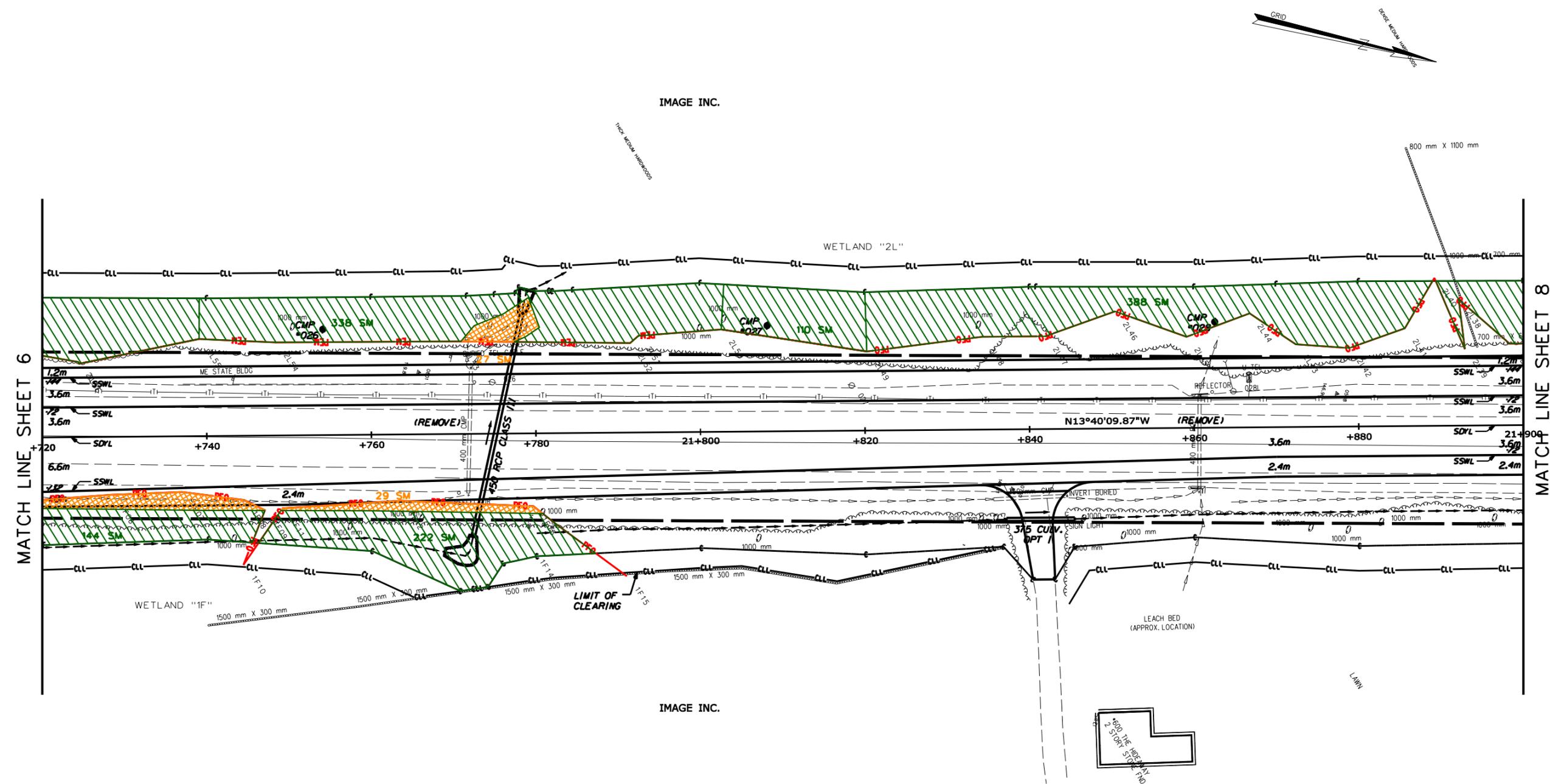
Username:

Division:

Filename: ... \plan\ve\lond\W025\_Plan\_15.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	
CHECKED	
REVISIONS	
FIELD CHANGES	

**PLANS**



MATCH LINE SHEET 6

MATCH LINE SHEET 8

**LEGEND**

	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
Poland  
Route 26

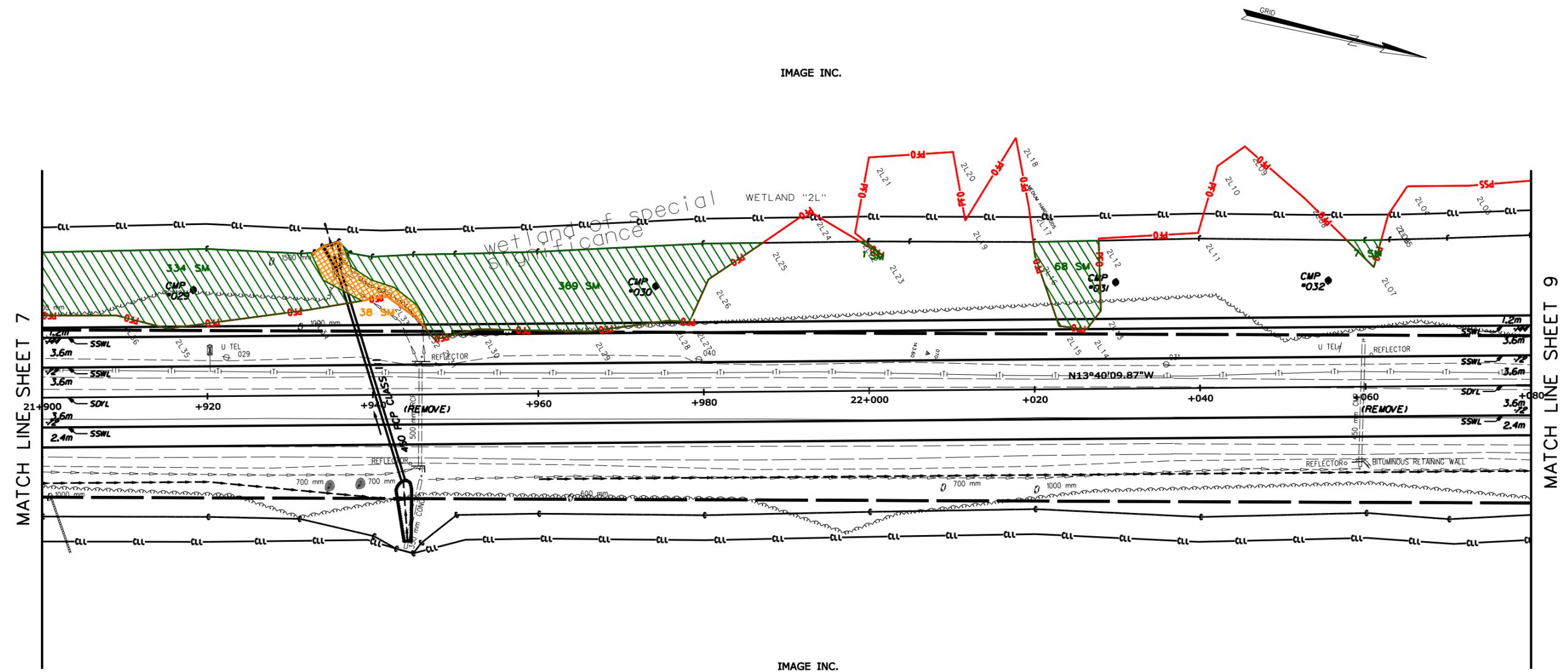
SCALE  
(in meters)

SHEET 7 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



MATCH LINE SHEET 7

MATCH LINE SHEET 9

Date: 10/16/2008

Username:

Division:

Filename: ... \plan\veiland\W026\_Plan\_16.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

LEGEND		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	WETLAND IMPACTS	<p><b>WETLAND IMPACT PLANS</b></p> <p>Poland</p> <p>Route 26</p> <p>SCALE (in meters)</p>	
	TEMPORARY WETLAND IMPACTS		
	DITCH IMPACTS		
	RARE PLANT COMMUNITY IMPACTS		

Date: 10/16/2008

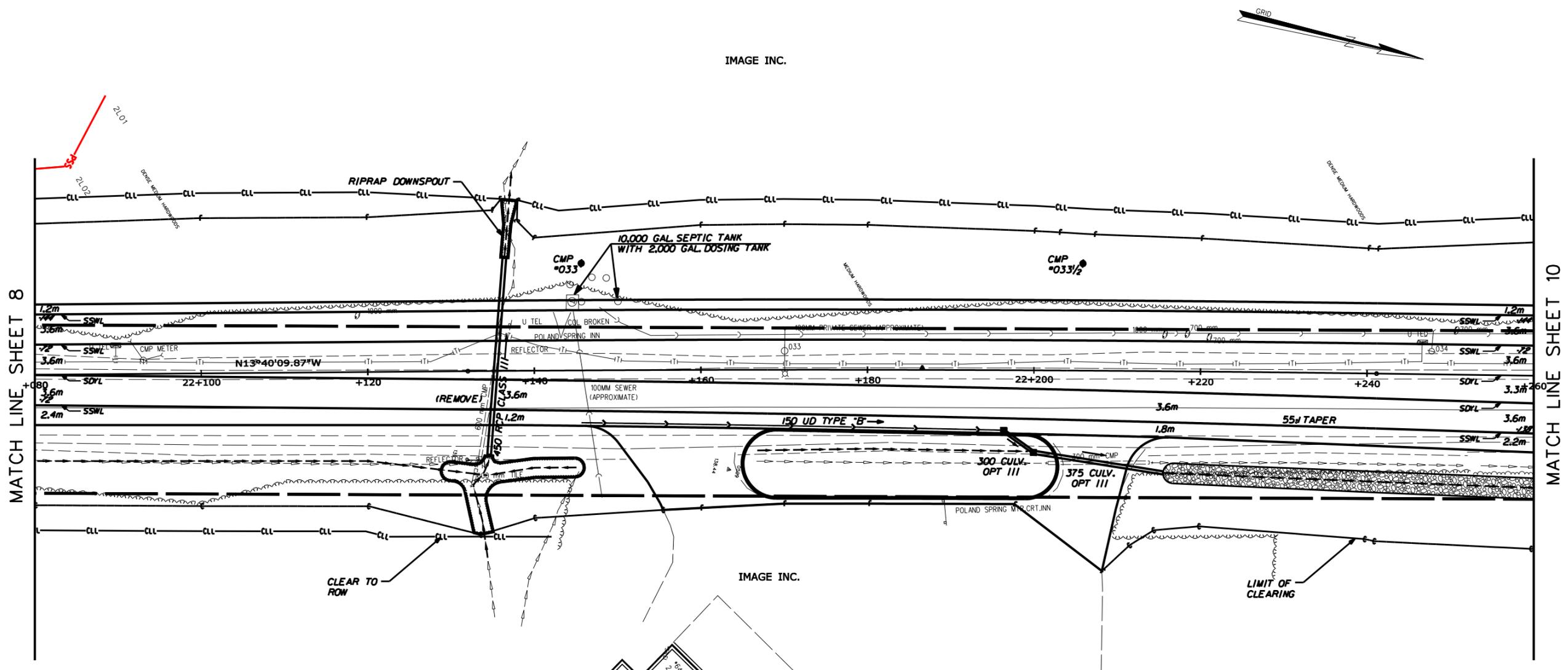
Username:

Division:

Filename: ... \plan\ve\land\W027\_Plan\_17.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**



**LEGEND**

	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
 Poland  
 Route 26

SCALE  
 (in meters)

SHEET 9 OF 37  
 ANSINY MAINE

Date: 10/16/2008

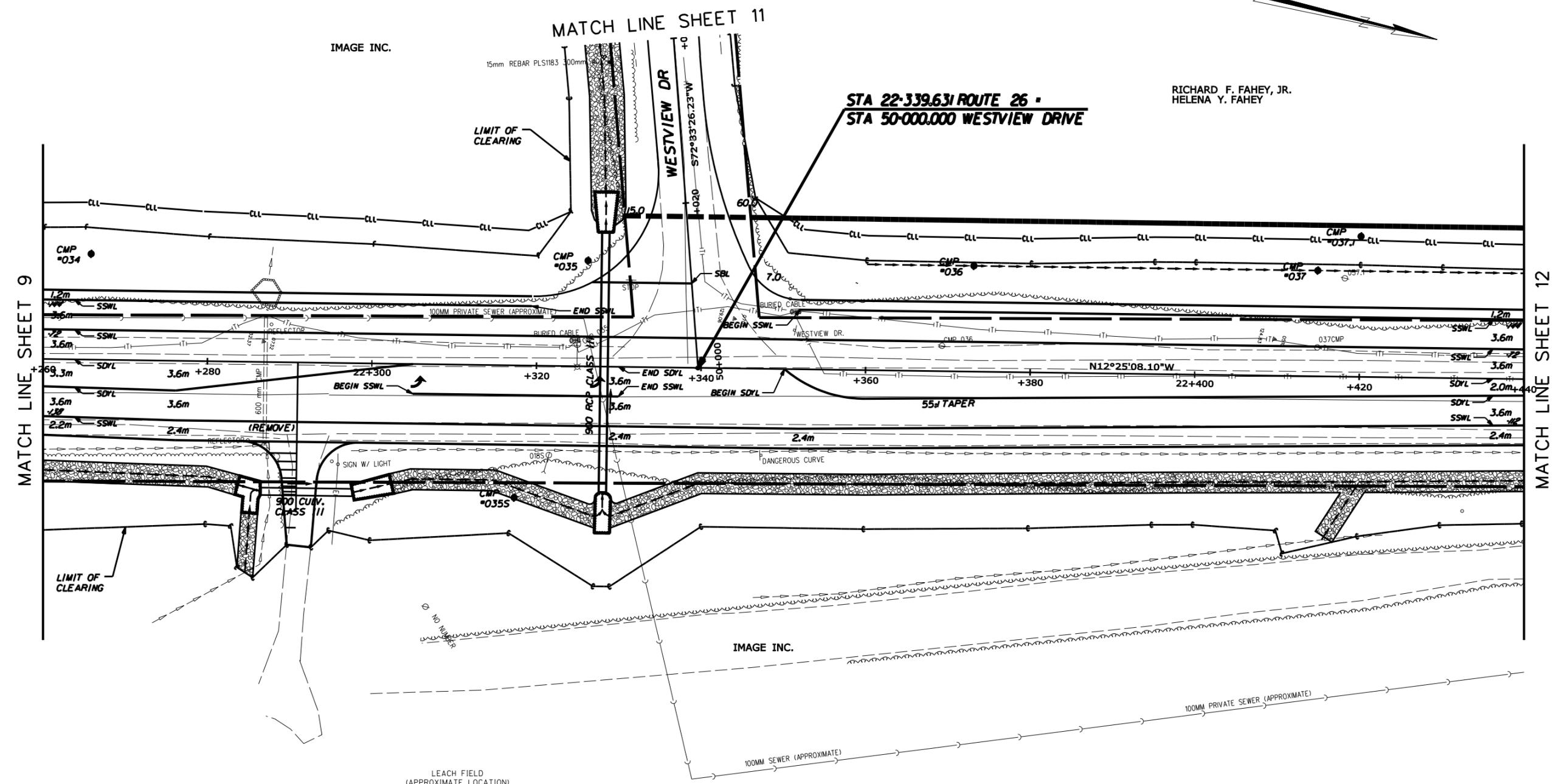
Username:

Division:

Filename: ... \plan\ve\lond\W028\_Plan\_18.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	DH
REVISIONS	XX
FIELD CHANGES	

**PLANS**



RICHARD F. FAHEY, JR.  
HELENA Y. FAHEY

STA 22+339.631 ROUTE 26  
 STA 50+000.000 WESTVIEW DRIVE

**LEGEND**

	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
Poland  
Route 26

SCALE  
(in meters)

SHEET NO. OF 37

Date: 10/16/2008

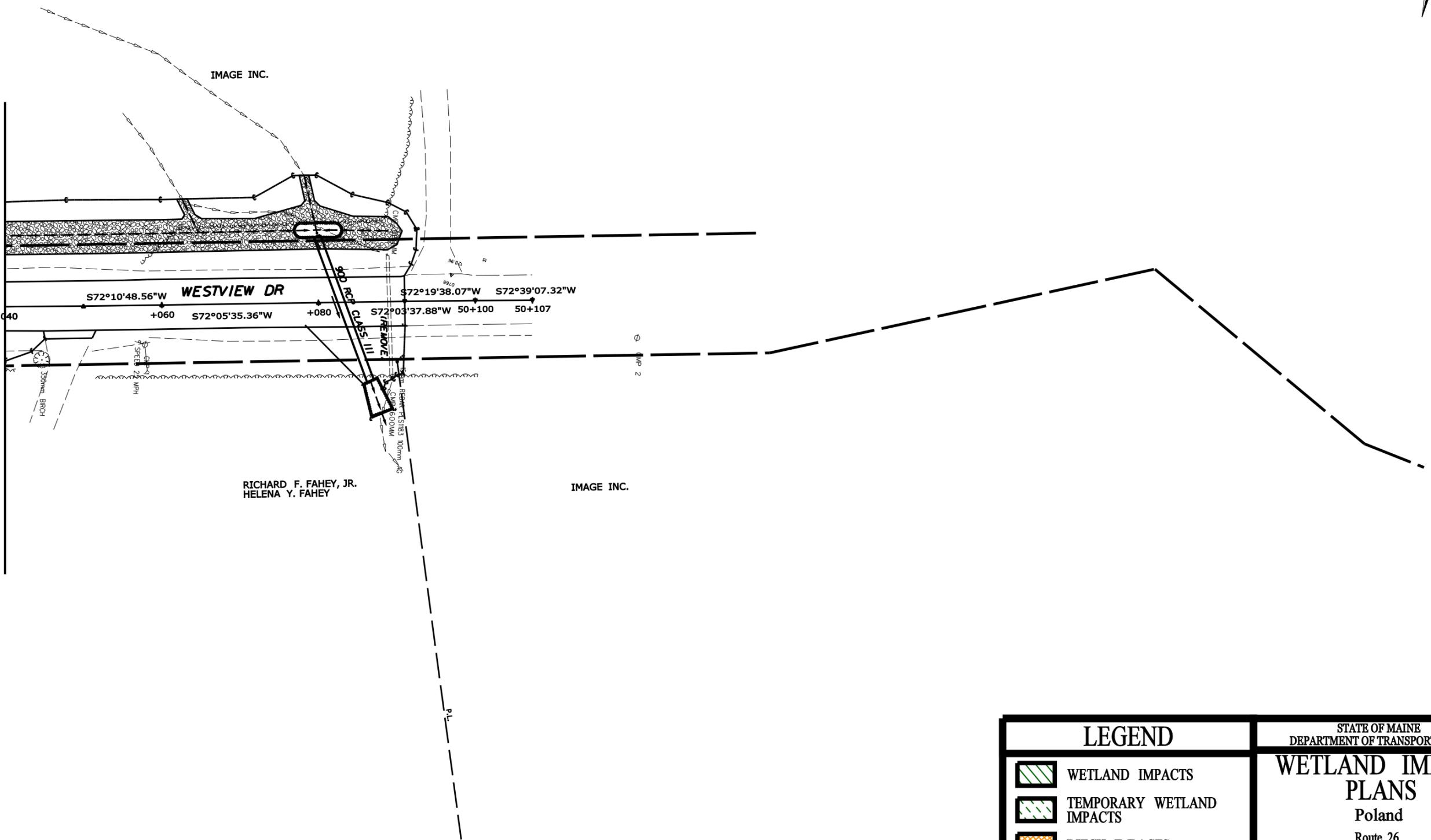
Username:

Division:

Filename: ... \plan\ve\lond\W028\_Plan\_18a.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

MATCH LINE SHEET 10



LEGEND		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	WETLAND IMPACTS	<b>WETLAND IMPACT PLANS</b> Poland Route 26  SCALE (1" = 30 FEET) SHEET 11 OF 37 ANSITVA MAINE	
	TEMPORARY WETLAND IMPACTS		
	DITCH IMPACTS		
	RARE PLANT COMMUNITY IMPACTS		

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

PRJWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00

Date: 10/16/2008

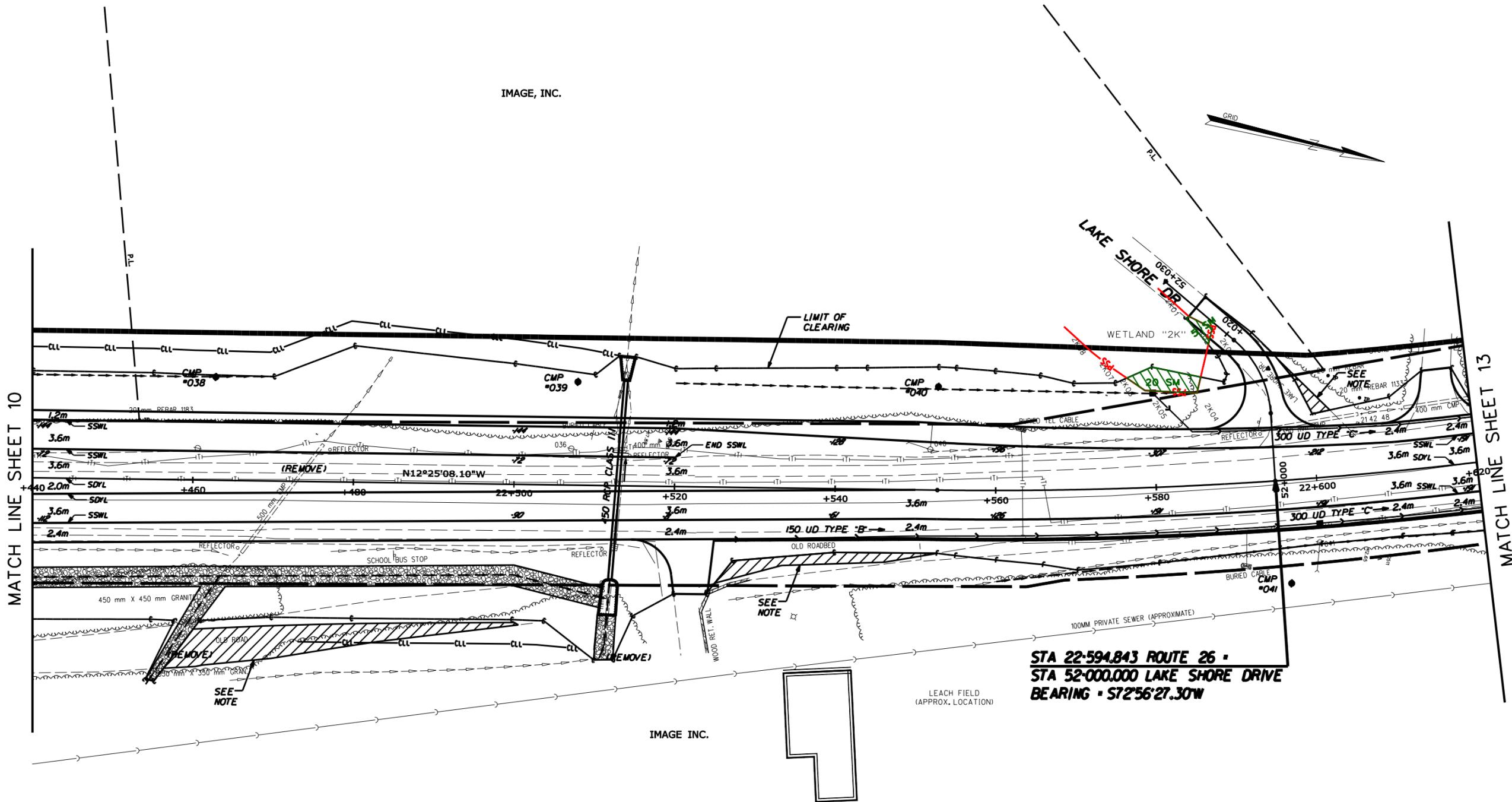
Username:

Division:

Filename: ... \plan\ve\lond\W029\_Plan\_19.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	
CHECKED	
REVISIONS	
FIELD CHANGES	

**PLANS**



**STA 22+594.843 ROUTE 26 -**  
**STA 52+000.000 LAKE SHORE DRIVE**  
**BEARING = S72°56'27.30"W**

**NOTE TO CONTRACTOR:**  
REMOVE PAVEMENT, GRADE TO DRAIN, LOAM & SEED ALL CROSS-HATCHED AREAS AS DIRECTED BY THE ENGINEER. PAVEMENT REMOVAL SHALL BE PAID AS COMMON EXCAVATION AND LOAM & SEED SHALL BE PAID UNDER THE APPROPRIATE CONTRACT ITEMS. ALL NECESSARY GRADING SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20 AND NO SEPARATE PAYMENT SHALL BE MADE.

LEGEND		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	WETLAND IMPACTS	<b>WETLAND IMPACT PLANS</b> Poland Route 26  SCALE (in meters) SHEET 12 OF 37 ANSITVA MAINE	
	TEMPORARY WETLAND IMPACTS		
	DITCH IMPACTS		
	RARE PLANT COMMUNITY IMPACTS		

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00

Date: 10/16/2008

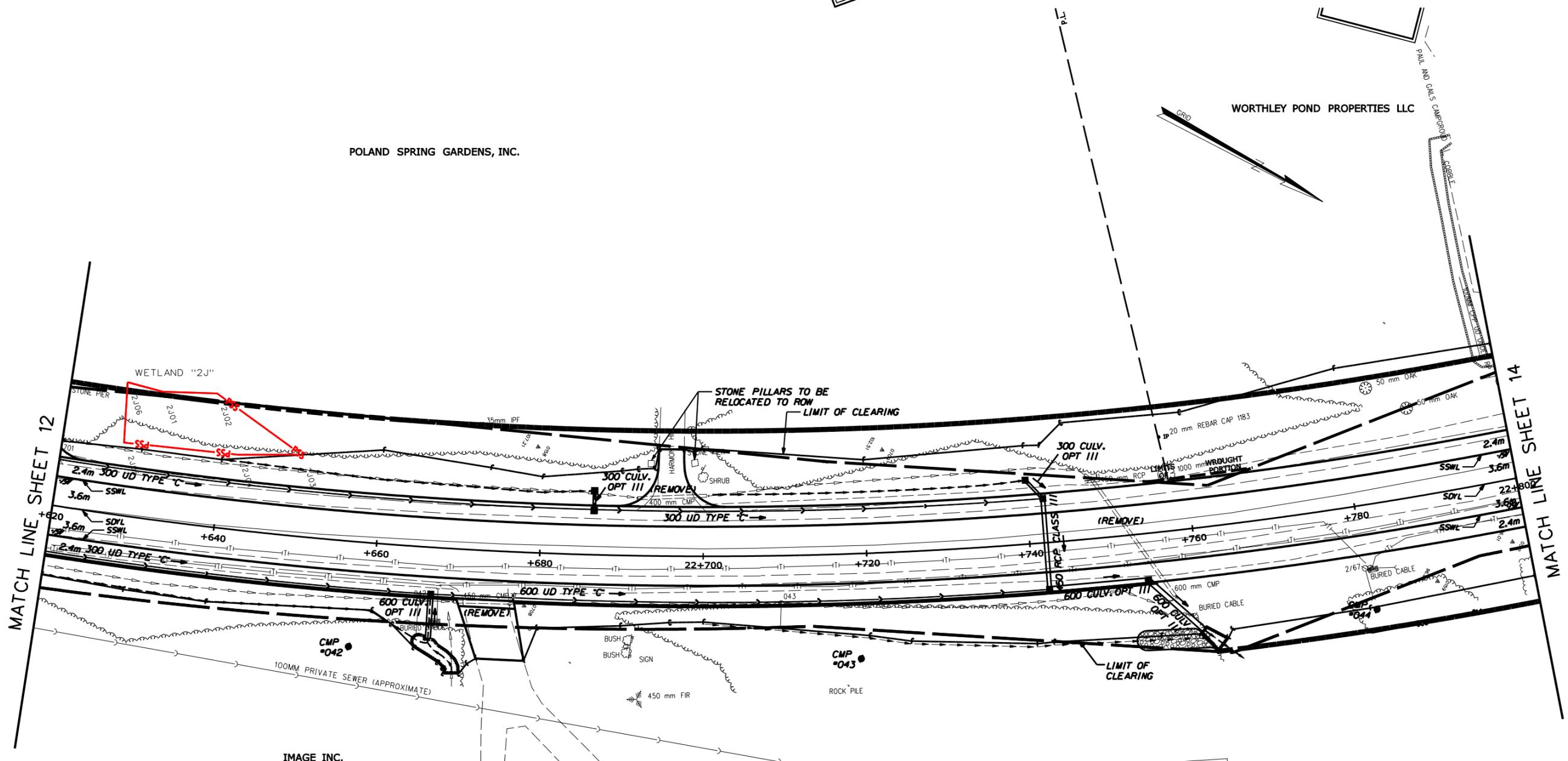
Username:

Division:

Filename: ... \plan\veilon\W030\_Plan\_20.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	
REVISIONS	
FIELD CHANGES	

**PLANS**



**LEGEND**

	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
Poland  
Route 26

SCALE  
(in meters)

SHEET 13 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
 2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00

Date: 10/16/2008

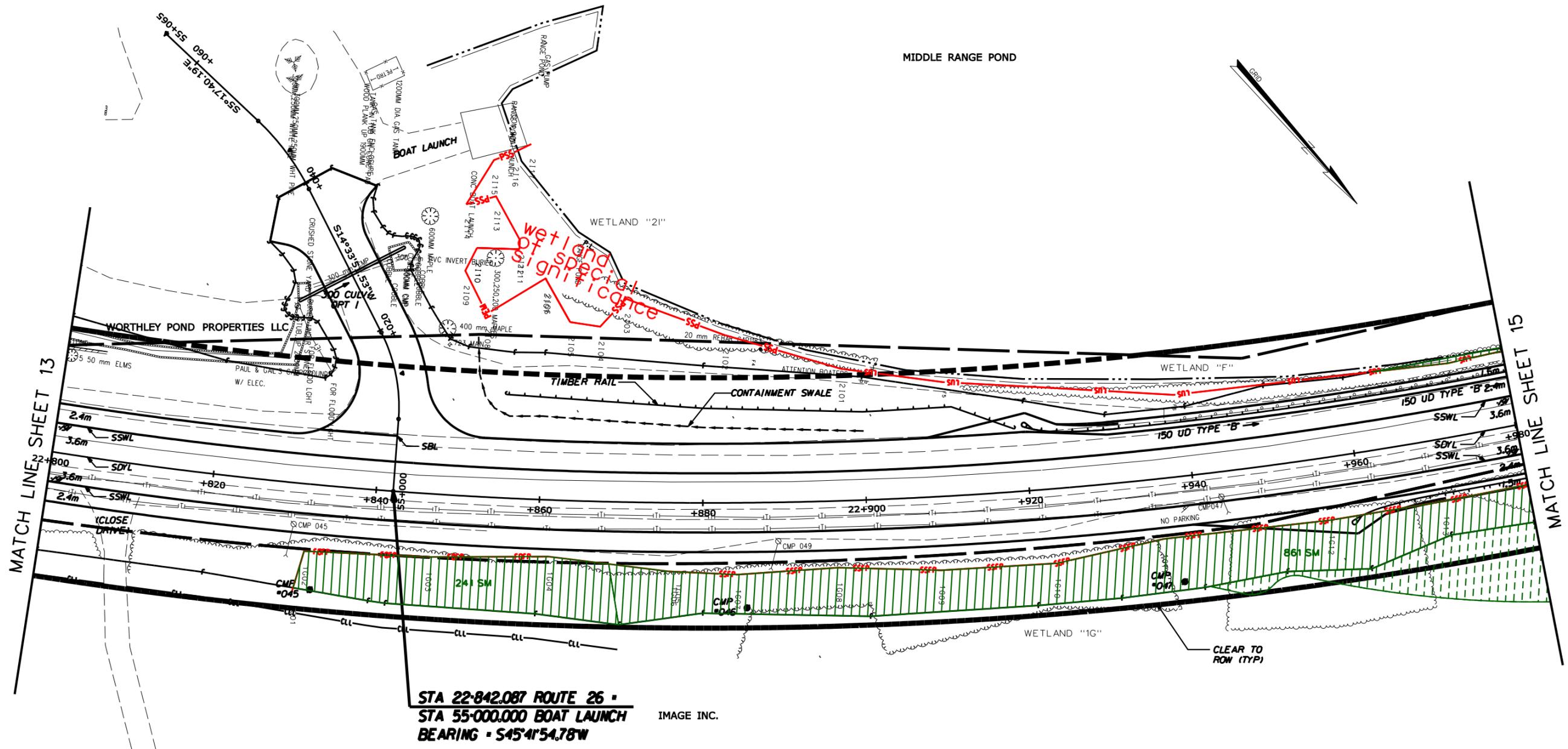
Username:

Division:

Filename: ... \plan\wetland\W031\_Plan\_21.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

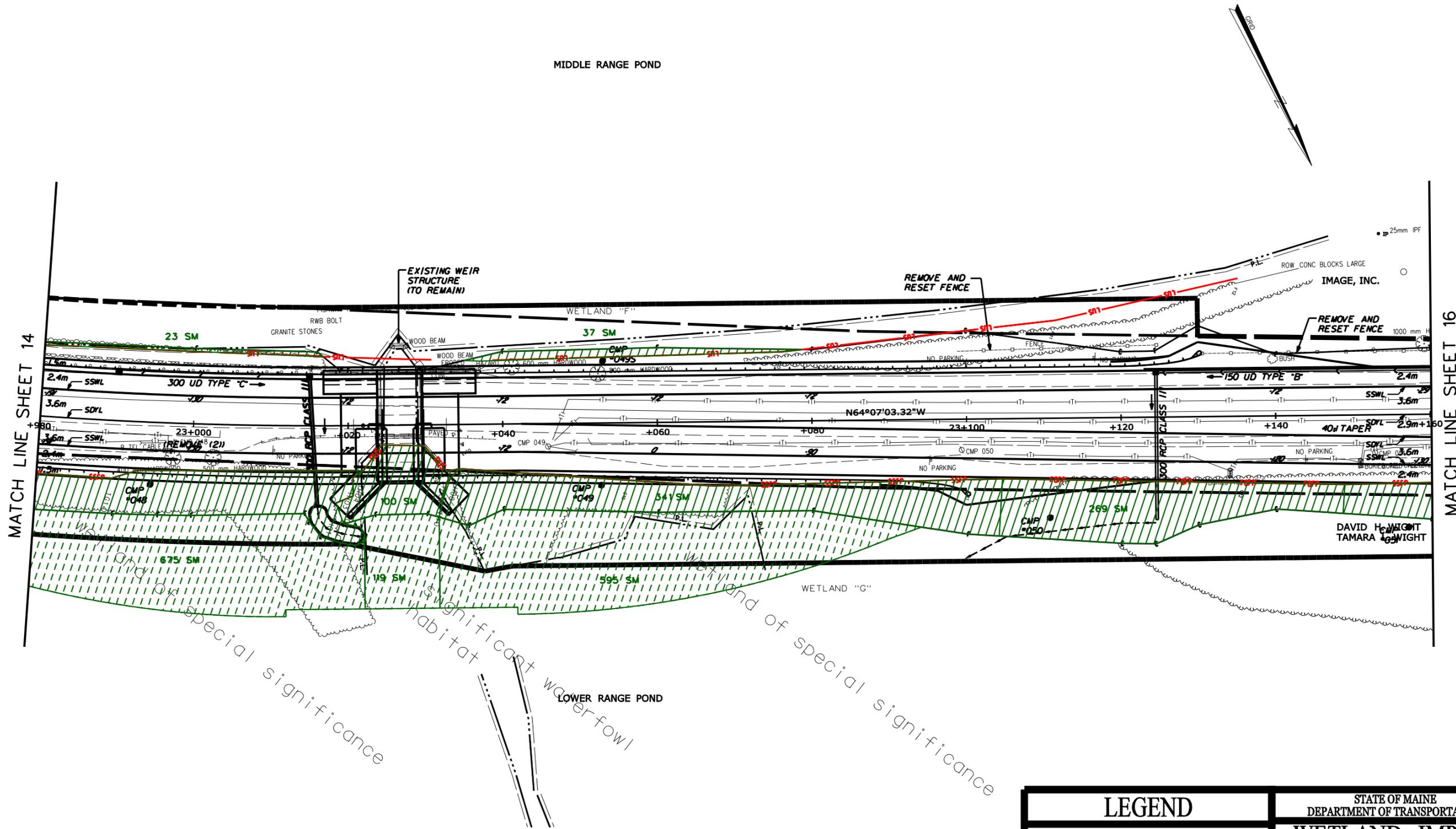
**PLANS**



**STA 22+842.087 ROUTE 26 •**  
**STA 55+000.000 BOAT LAUNCH**  
**BEARING = S45°41'54.78"W**

IMAGE INC.

LEGEND		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	WETLAND IMPACTS	<b>WETLAND IMPACT PLANS</b> Poland Route 26  SCALE (in meters) SHEET 14 OF 37 ANNEA, MAINE	
	TEMPORARY WETLAND IMPACTS		
	DITCH IMPACTS		
	RARE PLANT COMMUNITY IMPACTS		



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\veiland\W032\_Plan\_22.dgn

PROJECT DESIGN	ENGINEER	DATE
DESIGN-DETAILED	JOB	XX
CHECKED	DH	XX
REVISIONS		
FIELD CHANGES		

**PLANS**

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
 Poland  
 Route 26

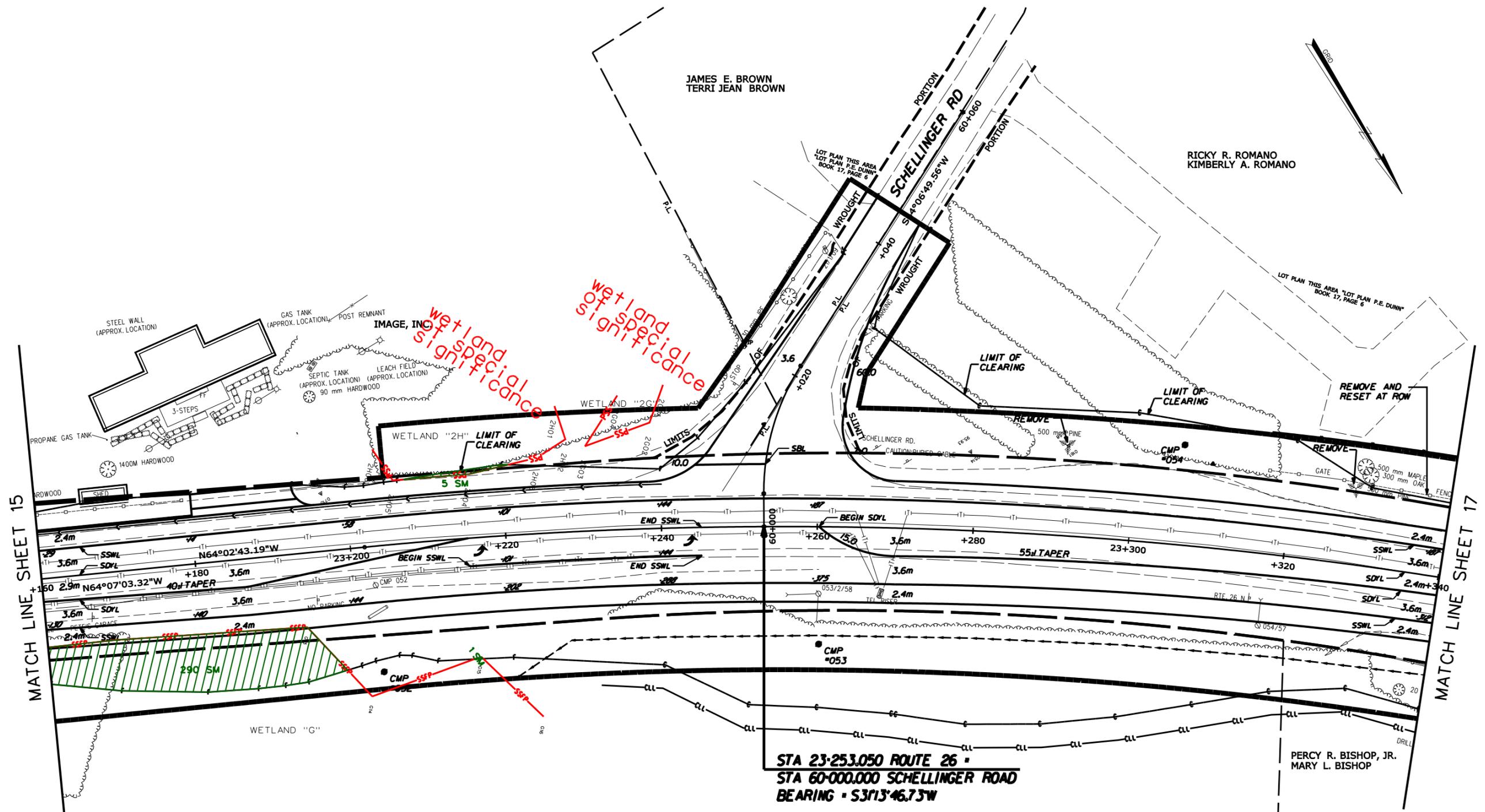
SCALE  
 (in meters)

SHEET 15 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
 2. All elevations and stations are in meters.

PRWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\wetland\W033\_Plan\_23.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

STA 23+253.050 ROUTE 26  
 STA 60+000.000 SCHELLINGER ROAD  
 BEARING = S31°13'46.73"W

DAVID H. WIGHT  
 TAMARA L. WIGHT

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

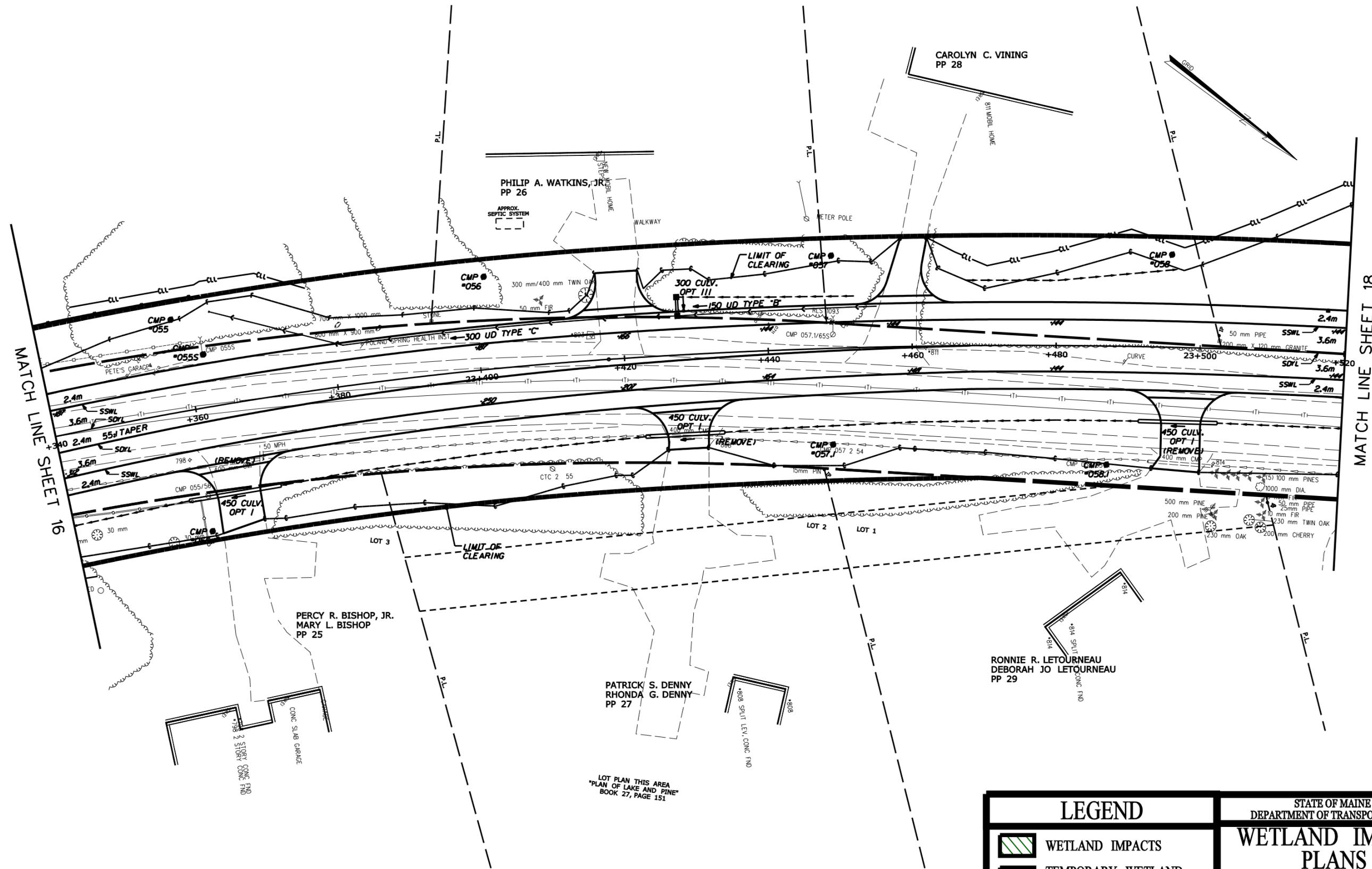
STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

## WETLAND IMPACT PLANS

Poland  
 Route 26

SCALE  
 (in meters)

SHEET 15 OF 37



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\land\W034\_Plan\_24.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

**LEGEND**

- WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS
- DITCH IMPACTS
- RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
 Poland  
 Route 26

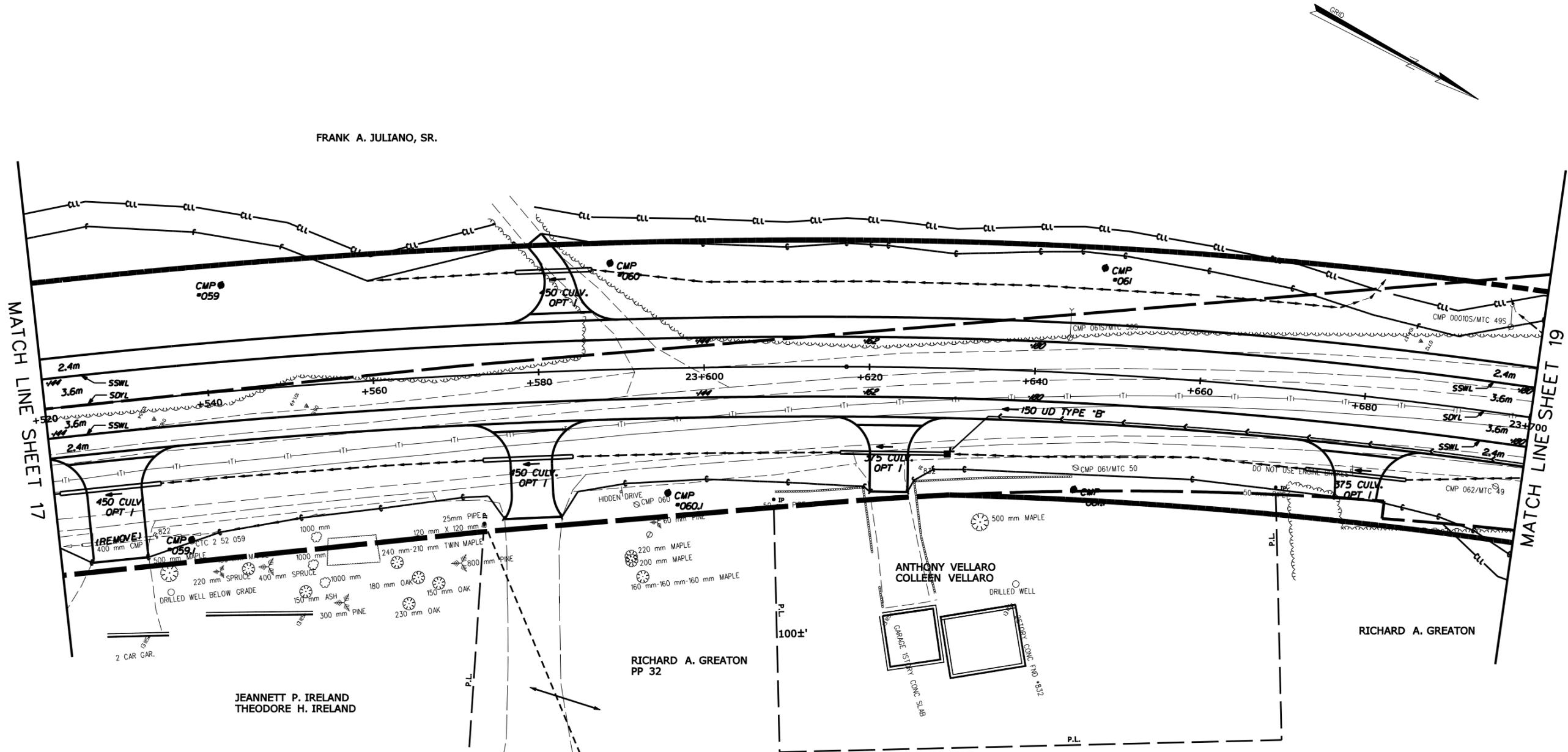
SCALE  
 1:1000 (1" = 100')

SHEET 17 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
 2. All elevations and stations are in meters.

PRJWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\land\W035\_Plan\_25.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

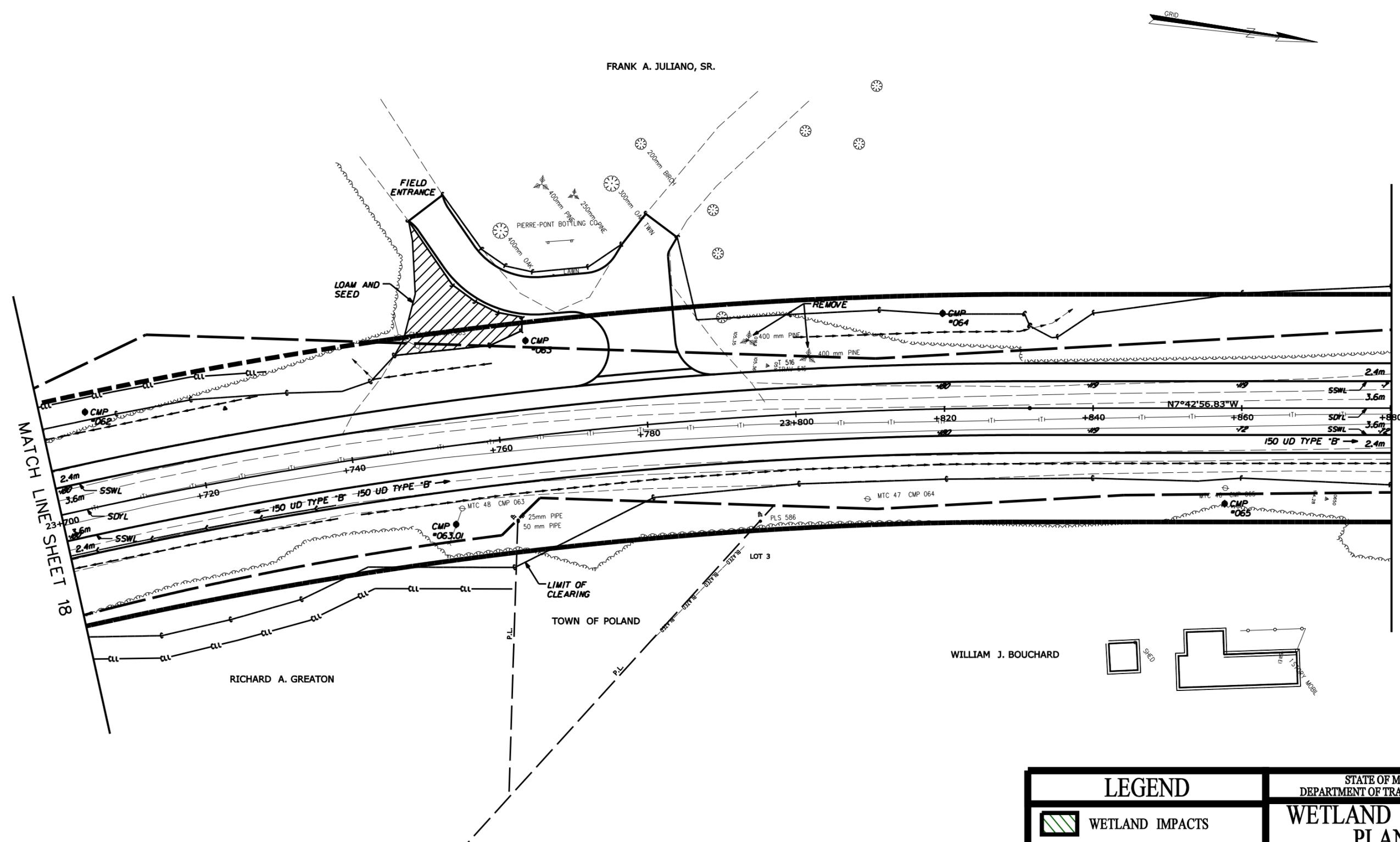
LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
 Poland  
 Route 26

SCALE  
 (in meters)

SHEET 18 OF 37  
 ANSUSTA MAINE



Date: 10/16/2008

Username:

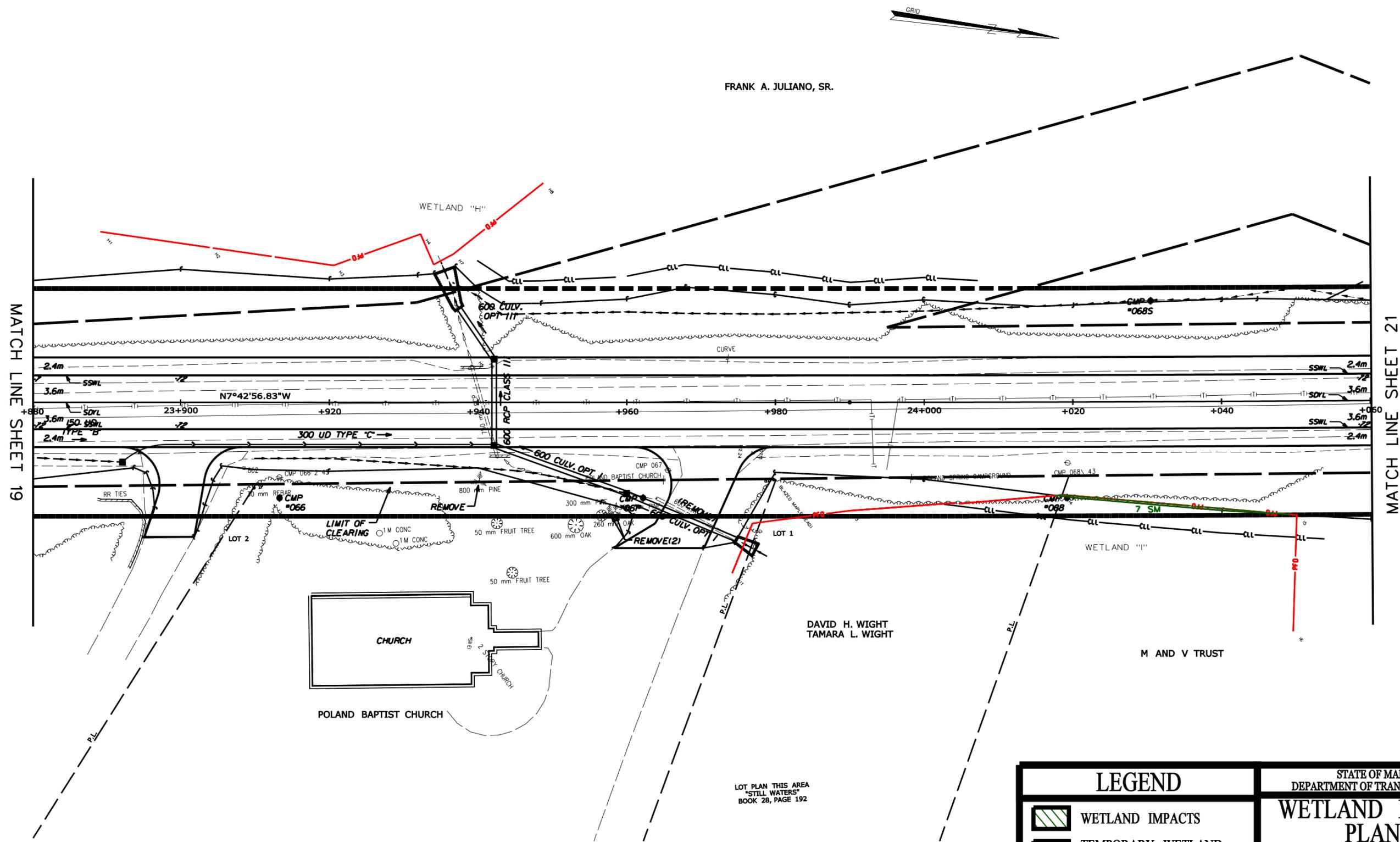
Division:

Filename: ... \plan\ve\lond\W036\_Plan\_26.dgn

PROJECT DESIGN	ENGINEER	DATE
DESIGN-DETAILED	JOB	XX
CHECKED	DH	XX
REVISIONS		
FIELD CHANGES		

**PLANS**

<b>LEGEND</b>		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	WETLAND IMPACTS	<b>WETLAND IMPACT PLANS</b> Poland Route 26  SCALE (in meters) SHEET 19 OF 37 ANSINYA MAINE	
	TEMPORARY WETLAND IMPACTS		
	DITCH IMPACTS		
	RARE PLANT COMMUNITY IMPACTS		



MATCH LINE SHEET 19

MATCH LINE SHEET 21

Date: 10/16/2008

Username:

Division:

Filename: ... \plan\veiland\W037\_Plan\_27.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

**LEGEND**

- WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS
- DITCH IMPACTS
- RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
Poland  
Route 26

SCALE  
1" = 100' (1:1250)

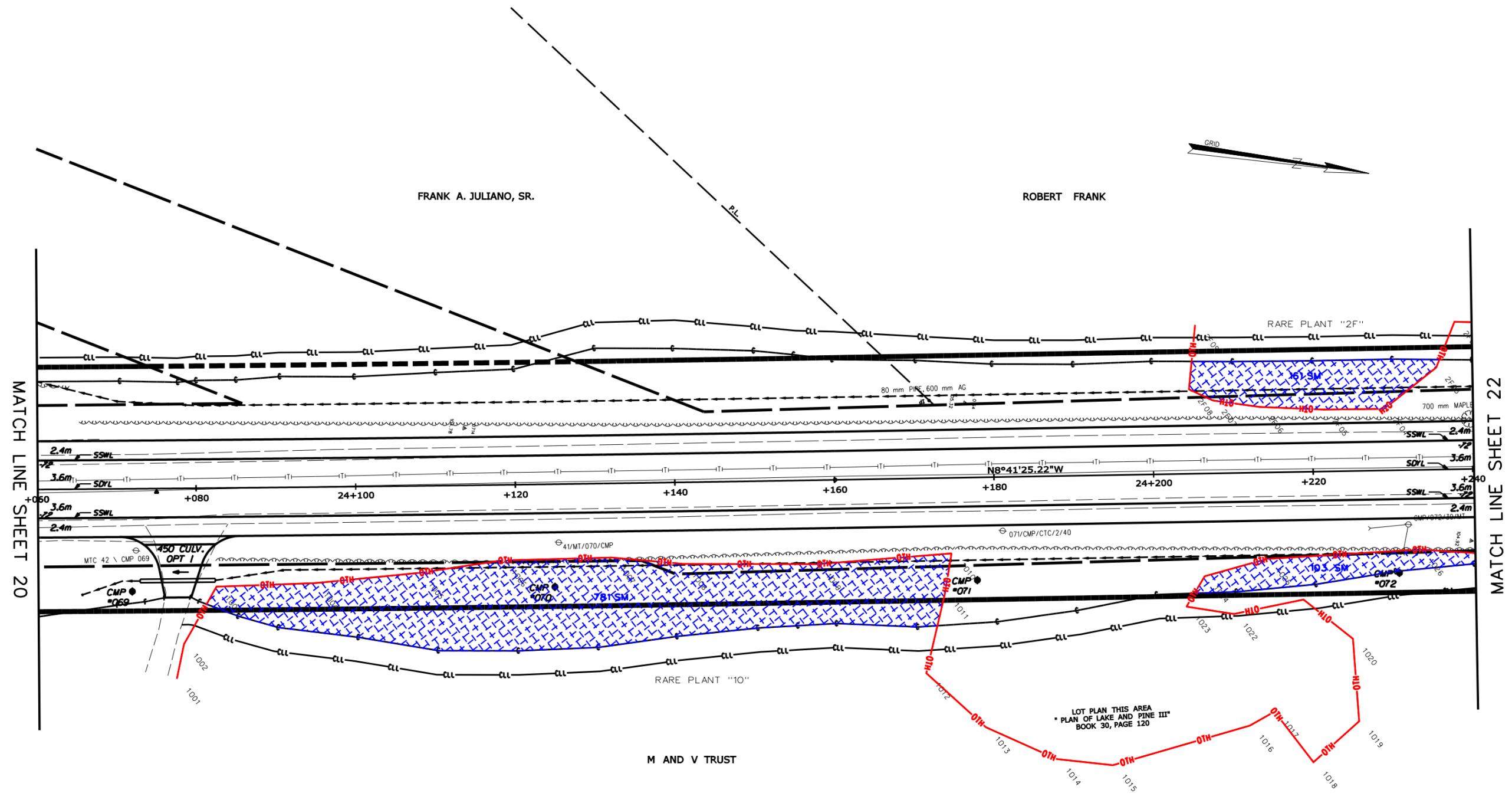
SHEET 20 OF 37

LOT PLAN THIS AREA  
"STILL WATERS"  
BOOK 28, PAGE 192

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWY REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\lond\W038\_Plan\_28.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

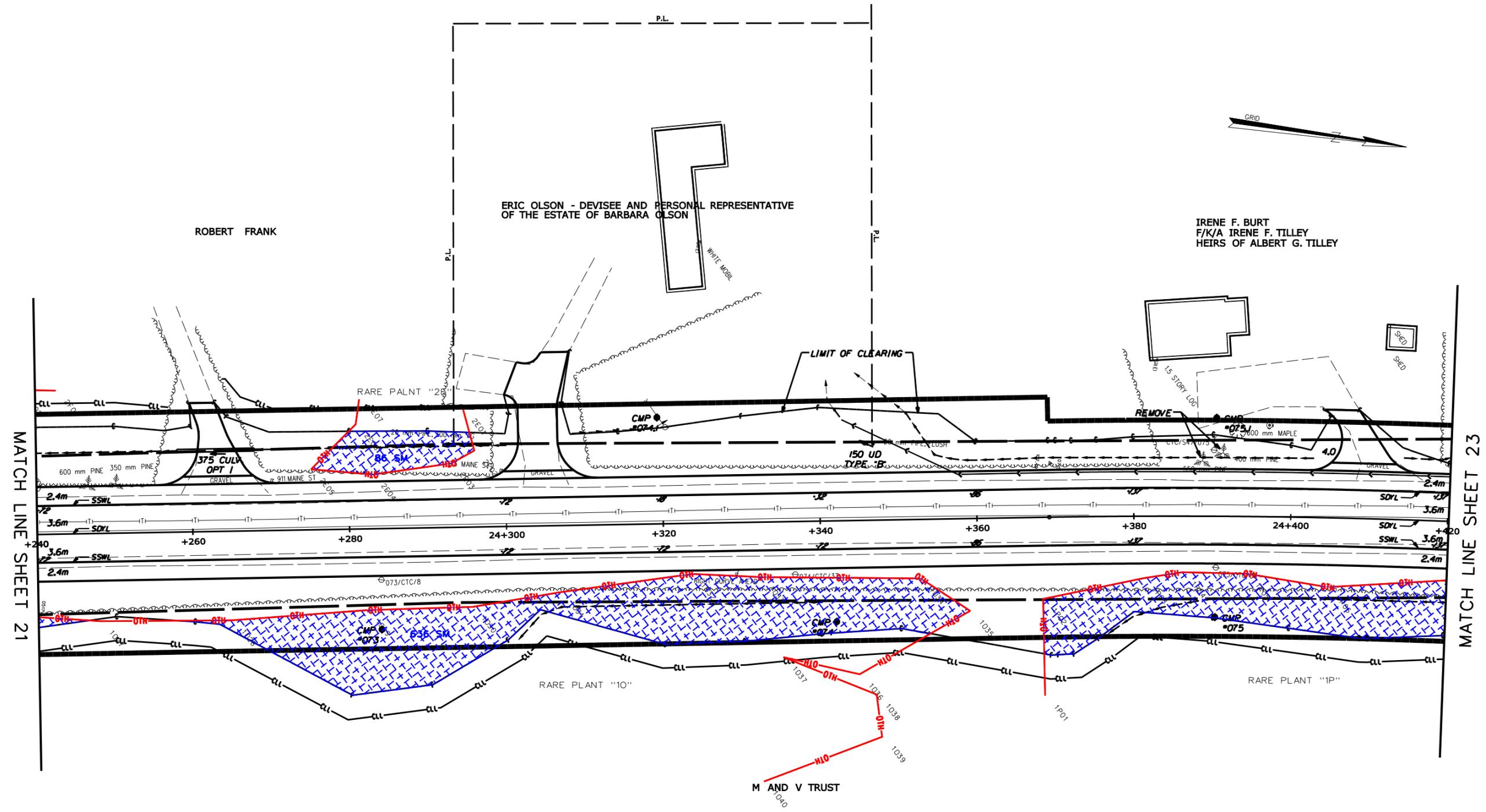
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

## WETLAND IMPACT PLANS

Poland  
Route 26

SCALE  
(in meters)

SHEET 21 OF 37



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\lond\W039\_Plan\_29.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

**LEGEND**

- WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS
- DITCH IMPACTS
- RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
 Poland  
 Route 26

SCALE  
 (1 in. = 10 meters)

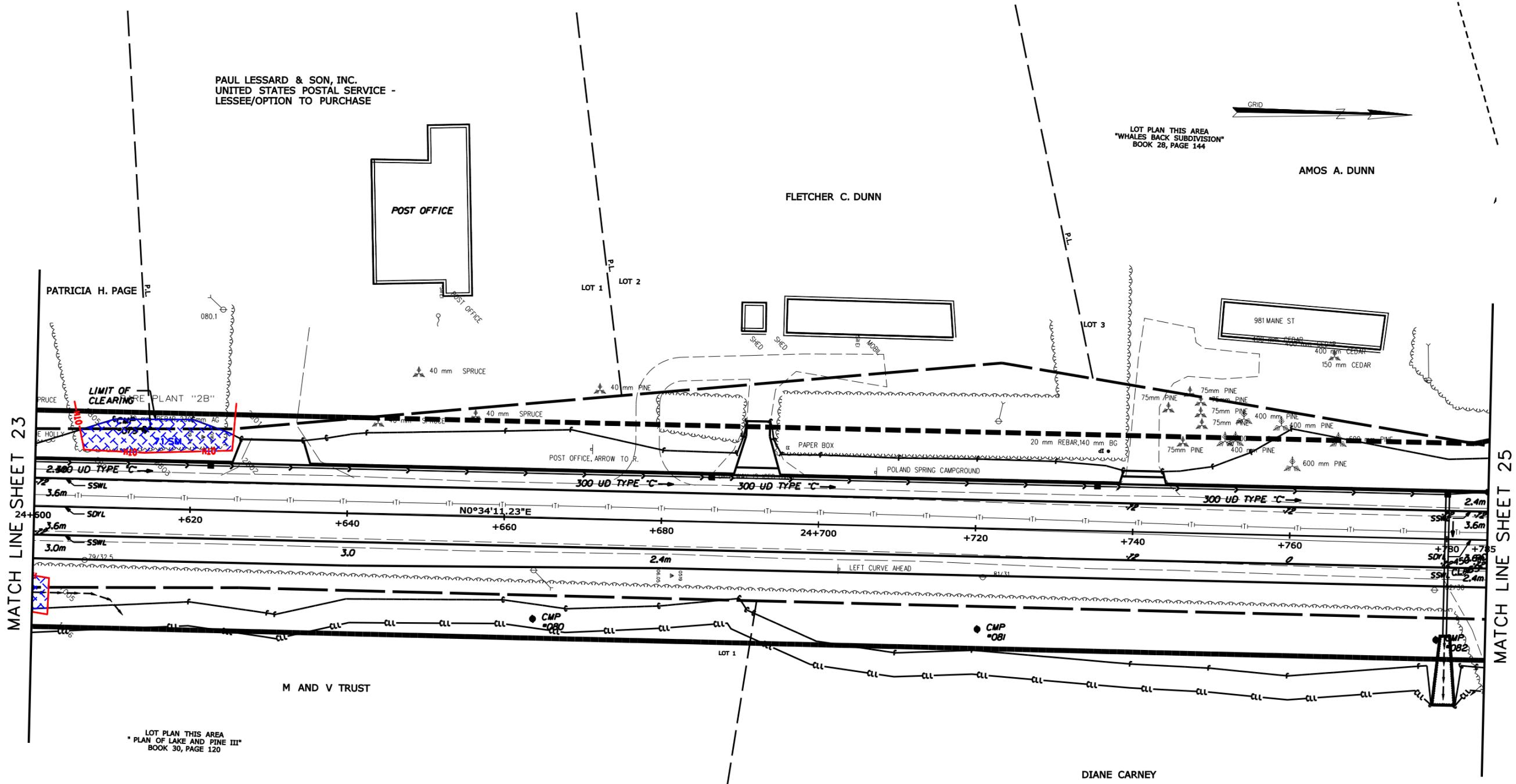
SHEET 22 OF 37



**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
 2. All elevations and stations are in meters.

FED. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\lond\W041\_Plan\_31.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
 Poland  
 Route 26

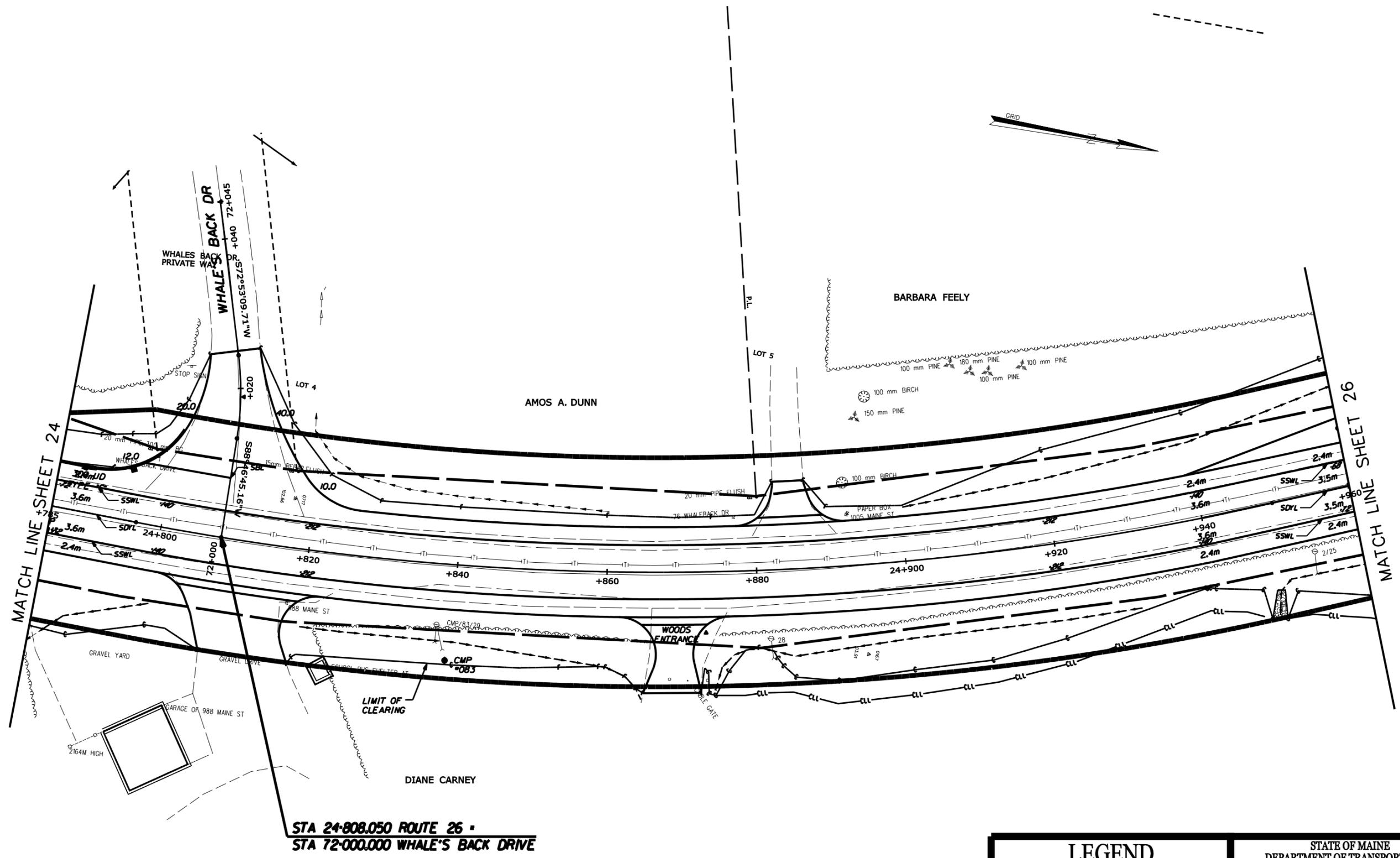
SCALE  
 (in meters)

SHEET 24 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHW REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



STA 24+808.050 ROUTE 26  
STA 72+000.000 WHALE'S BACK DRIVE

Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\land\W042\_Plan\_32.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

**LEGEND**

- WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS
- DITCH IMPACTS
- RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
Poland  
Route 26

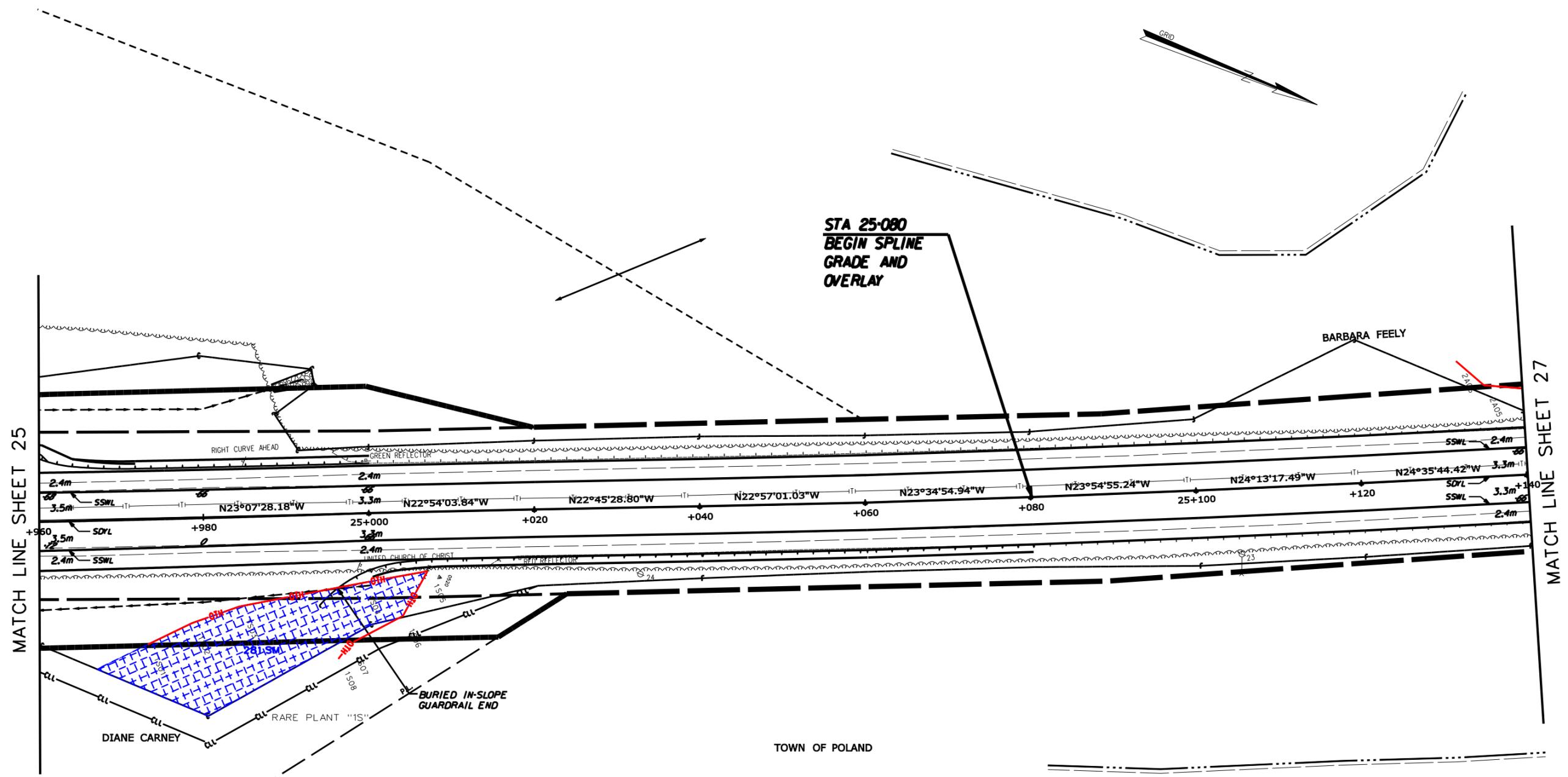
SCALE  
1:1000  
AS SHOWN

SHEET 25 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\land\W04\_3\_Plan\_33.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

## WETLAND IMPACT PLANS

Poland  
Route 26

SCALE  
(1 in. = 10 meters)

SHEET 26 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00

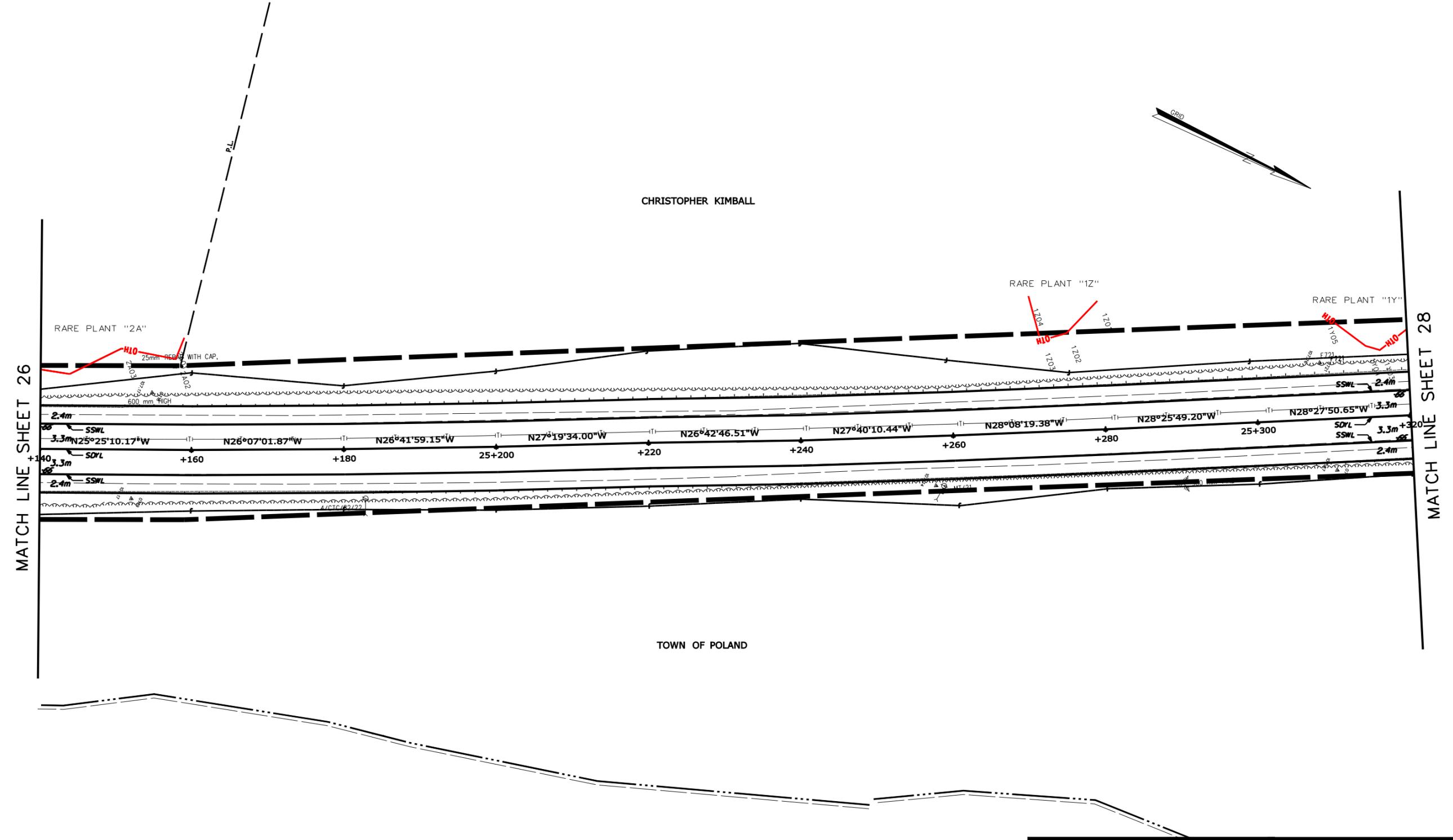
Date: 10/16/2008

Username:

Division:

Filename: ... \plan\veiland\W044\_Plan\_34.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	



LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

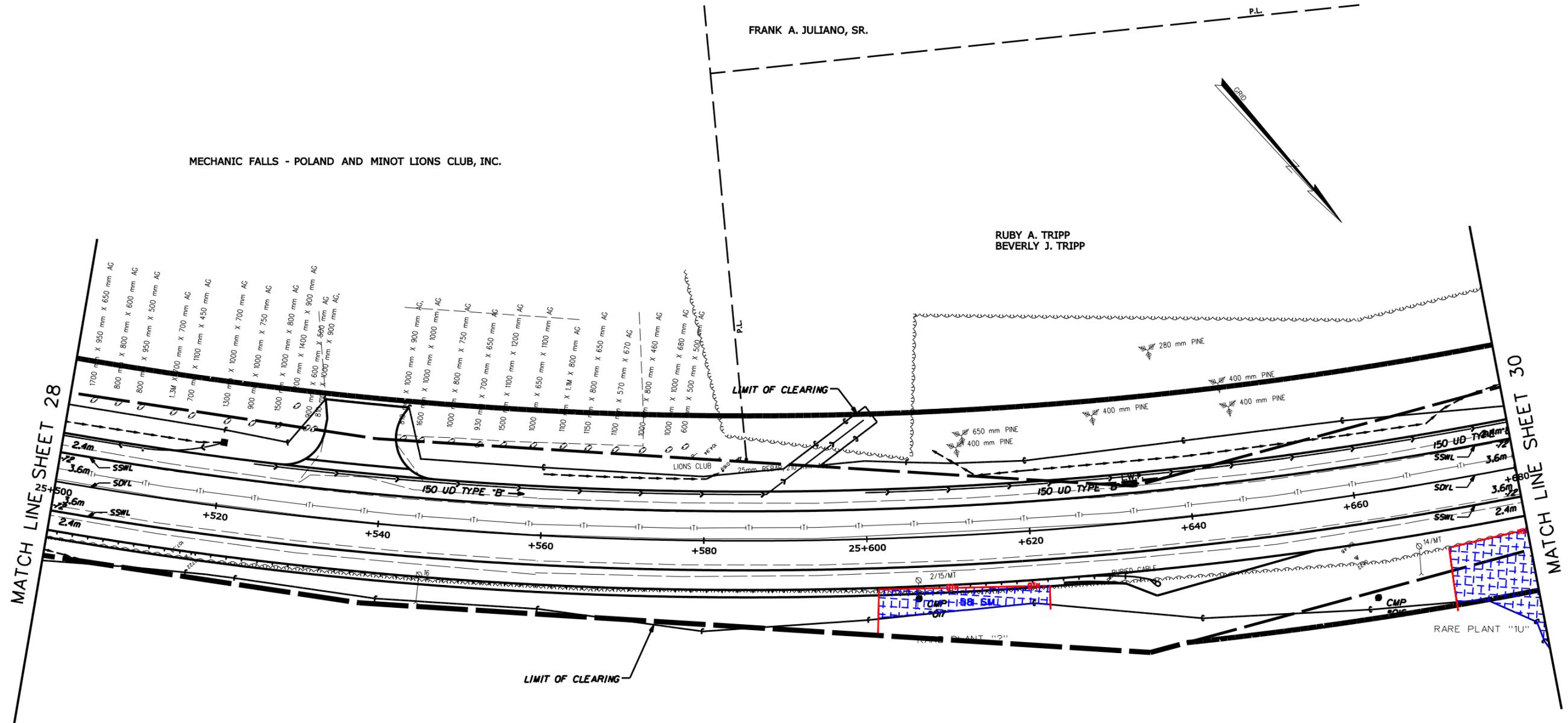
## WETLAND IMPACT PLANS

Poland  
Route 26

SCALE  
(in meters)

SHEET 27 OF 37





MATCH LINE SHEET 28

MATCH LINE SHEET 30

Date: 10/16/2008

Username:

Division:

Filename: ... \plan\veiland\W046\_Plan\_36.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

**LEGEND**

- WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS
- DITCH IMPACTS
- RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
Poland  
Route 26

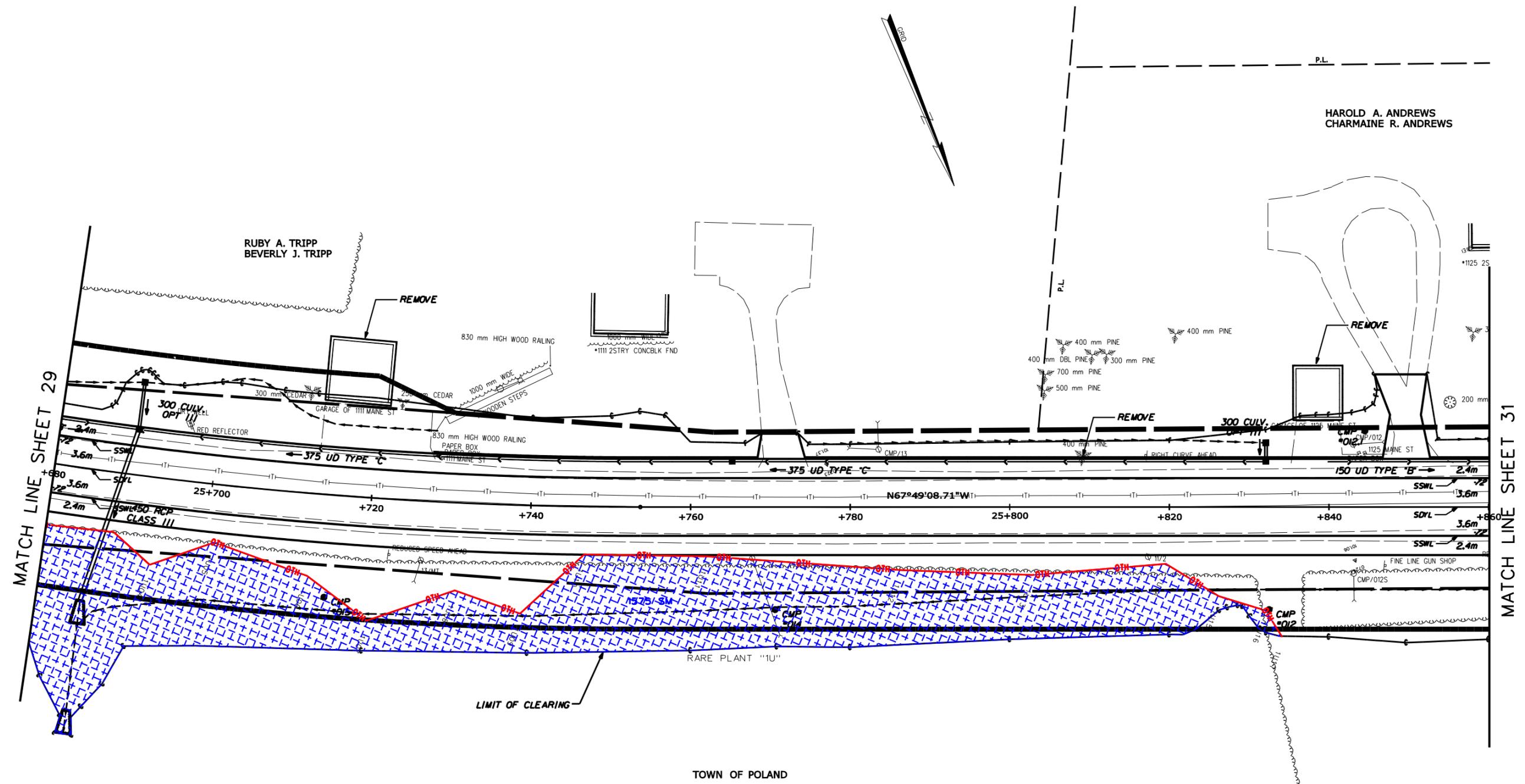
SCALE  
1" = 30.00'

SHEET 29 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\wetland\W047\_Plan\_37.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

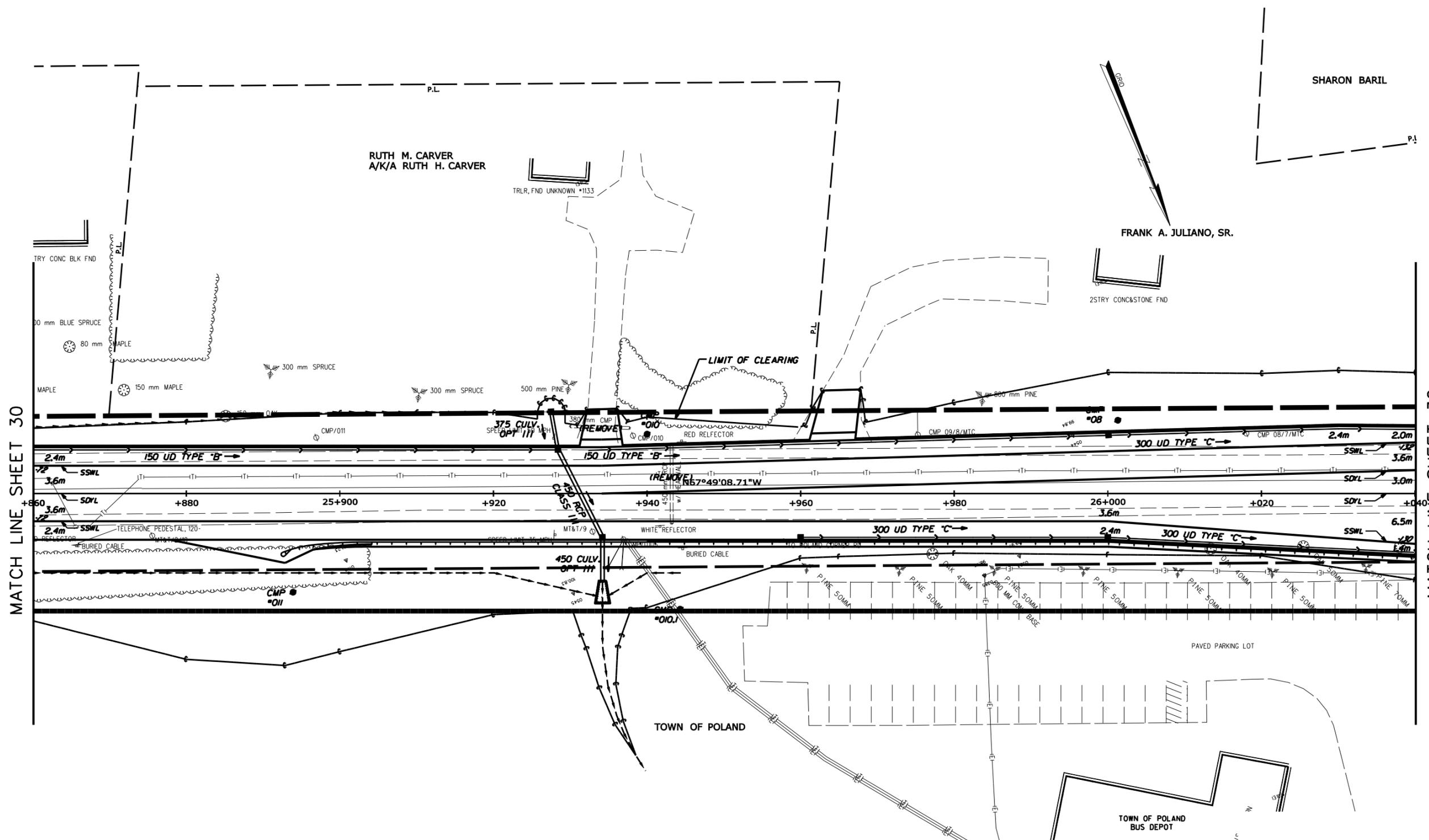
**PLANS**

LEGEND		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	WETLAND IMPACTS	<b>WETLAND IMPACT PLANS</b> Poland Route 26  SCALE (in meters) SHEET 30 OF 37	
	TEMPORARY WETLAND IMPACTS		
	DITCH IMPACTS		
	RARE PLANT COMMUNITY IMPACTS		

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



MATCH LINE SHEET 30

MATCH LINE SHEET 32

Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\land\W048\_Plan\_38.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

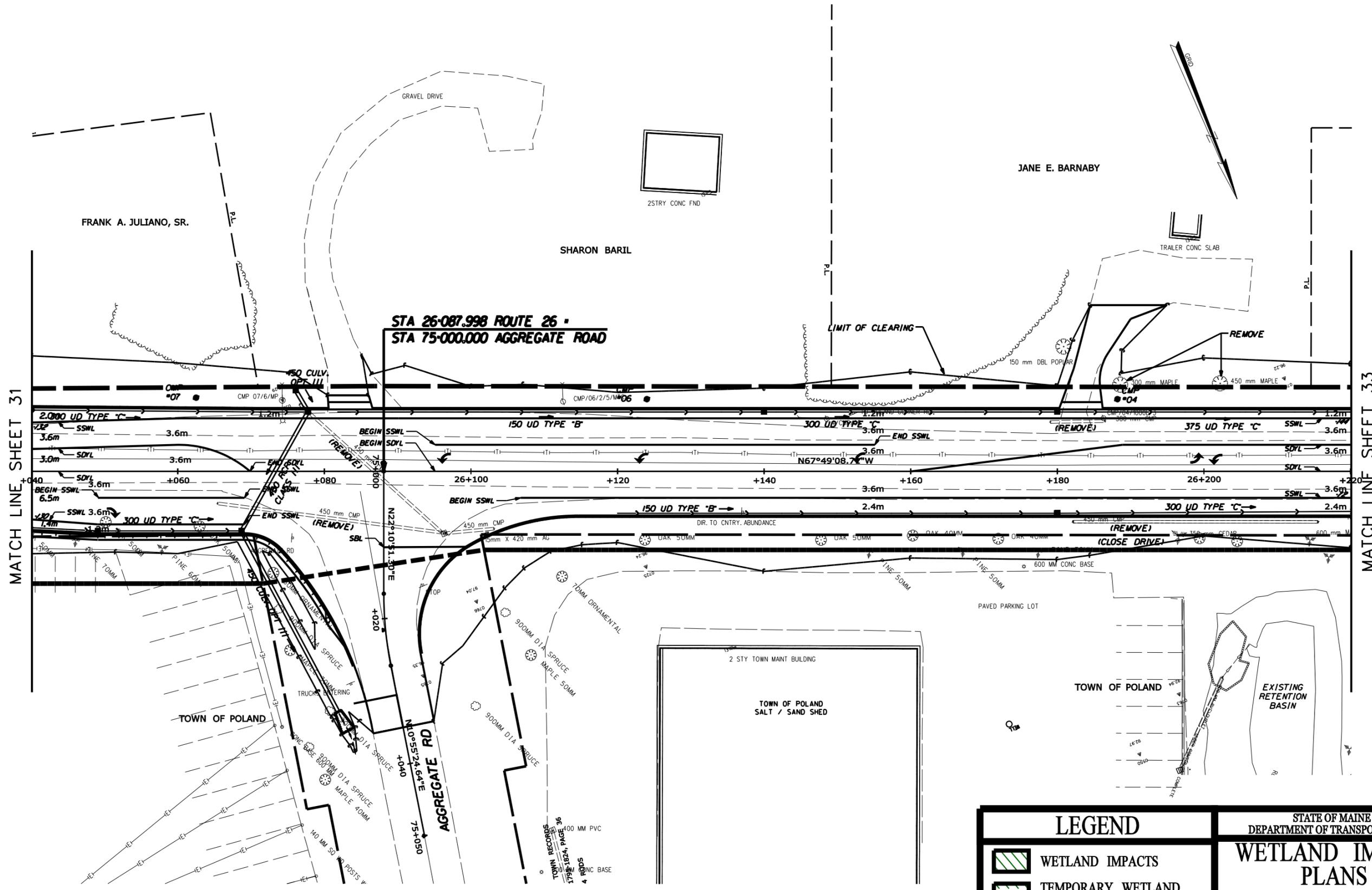
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

## WETLAND IMPACT PLANS

Poland  
Route 26

SCALE  
(1 in. = 1 meter)

SHEET 31 OF 37



MATCH LINE SHEET 31

MATCH LINE SHEET 33

Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\lond\W049\_Plan\_39.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

## WETLAND IMPACT PLANS

Poland  
 Route 26

SCALE  
 (1 in. = 1 meter)

SHEET 32 OF 37

Date: 10/16/2008

Username:

Division:

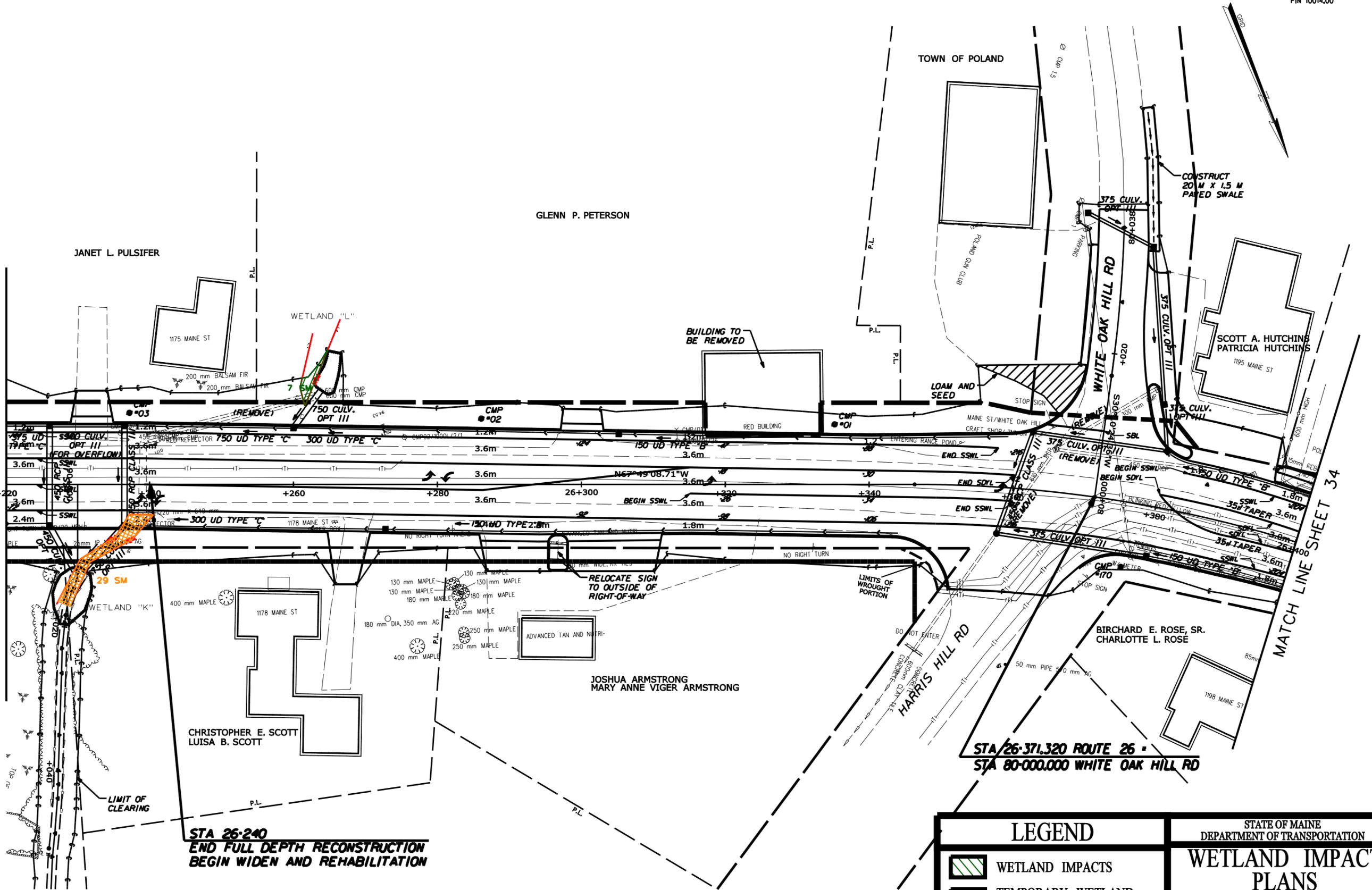
Filename: ... \plan\wetland\W050\_Plan\_40.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

MATCH LINE SHEET 32

MATCH LINE SHEET 34



**STA 26+240**  
END FULL DEPTH RECONSTRUCTION  
BEGIN WIDEN AND REHABILITATION

**STA 26+371.320 ROUTE 26**  
**STA 80+000.000 WHITE OAK HILL RD**

**LEGEND**

	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
Poland  
Route 26

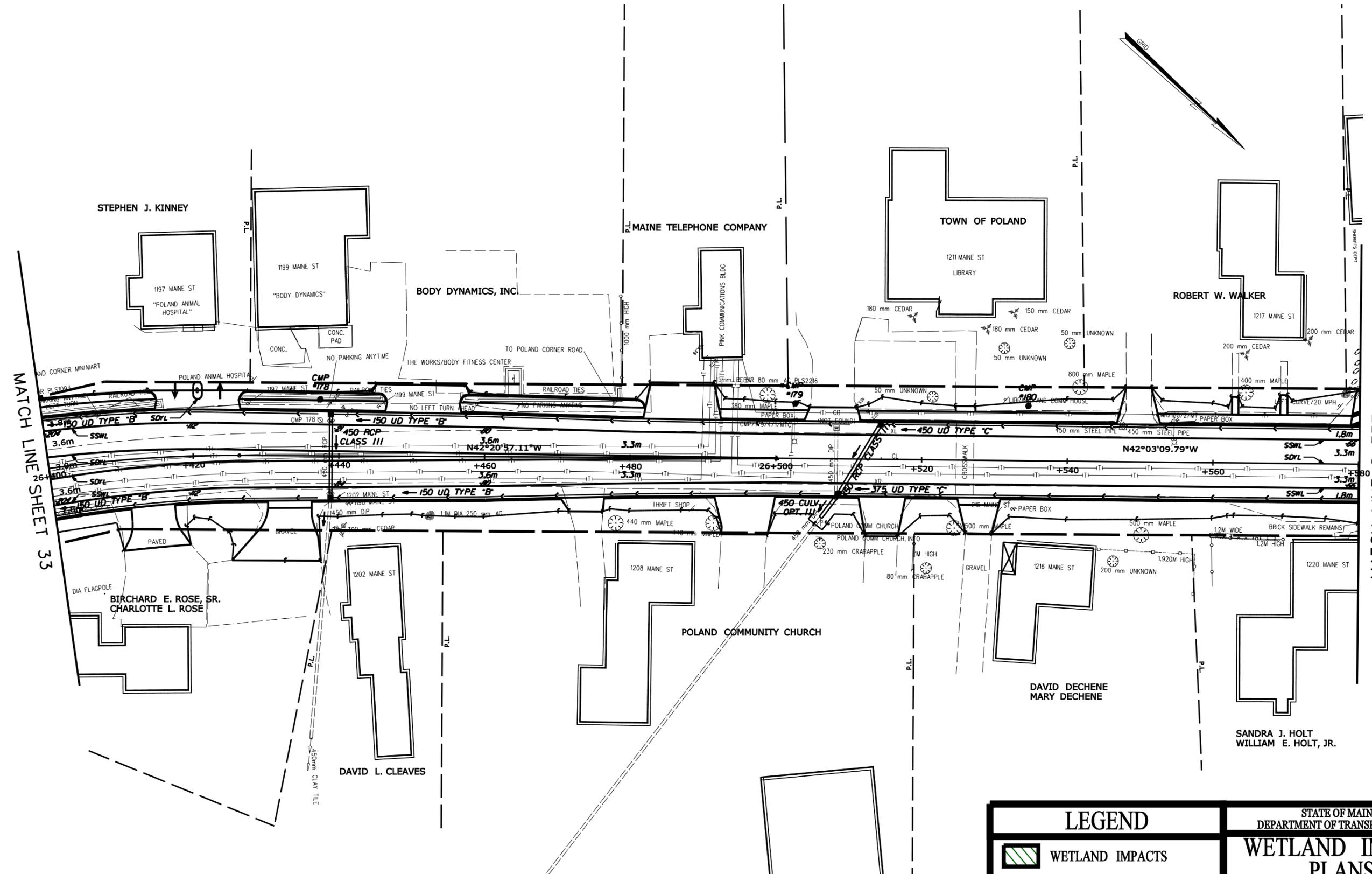
SCALE  
1:1000  
AS SHOWN

SHEET 33 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWY REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



Date: 10/16/2008

Username:

Division:

Filename: ... \plan\wetland\W051\_Plan\_41.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

**LEGEND**

- WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS
- DITCH IMPACTS
- RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**WETLAND IMPACT PLANS**  
Poland  
Route 26

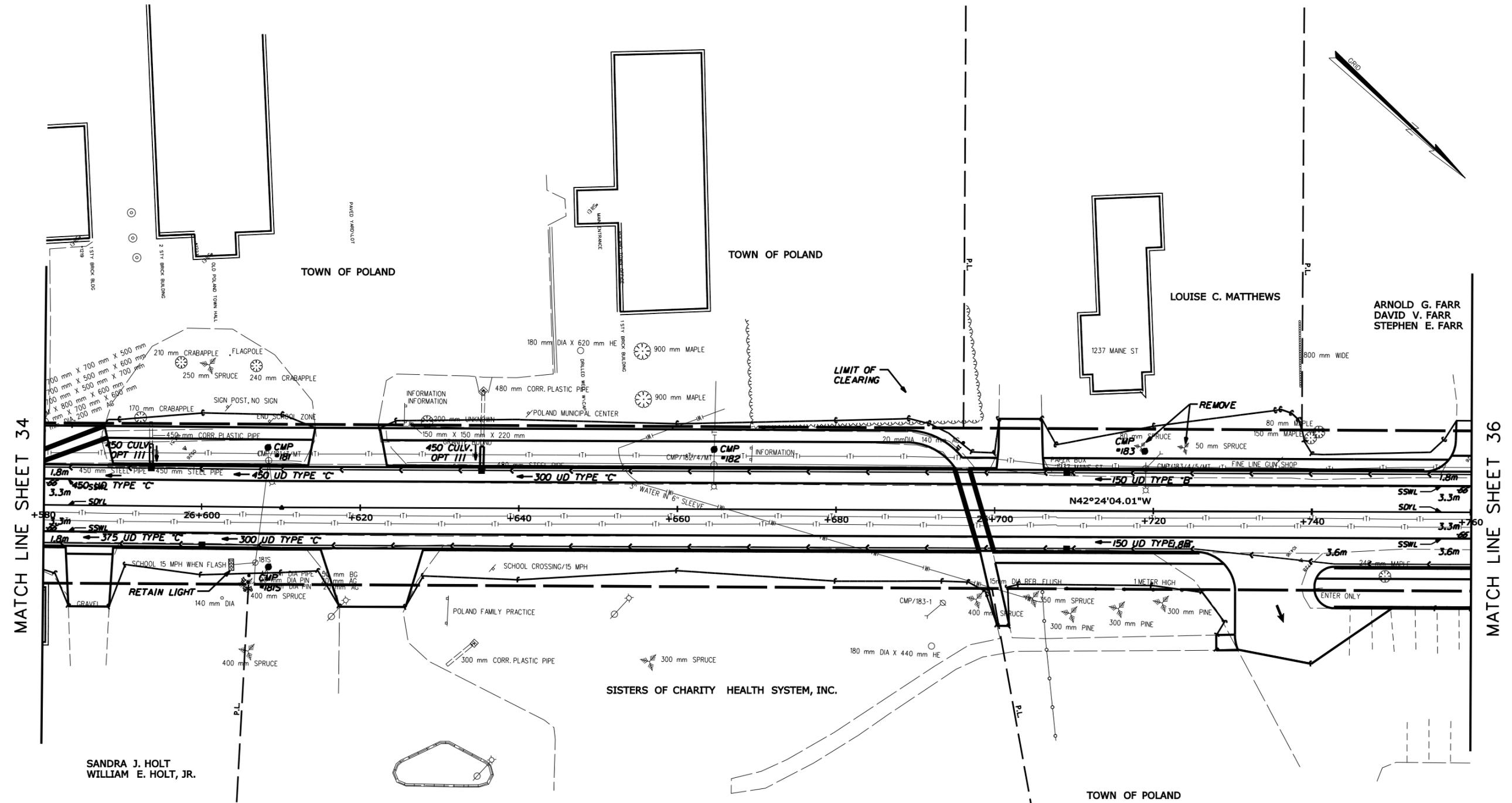
SCALE  
1:1000  
ASHTA MAINE

SHEET 34 OF 37

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWY REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00



MATCH LINE SHEET 34

MATCH LINE SHEET 36

Date: 10/16/2008

Username:

Division:

Filename: ... \plan\ve\lond\W052\_Plan\_42.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

## WETLAND IMPACT PLANS

Poland  
Route 26

SCALE  
(in meters)

SHEET 35 OF 37

Date: 10/16/2008

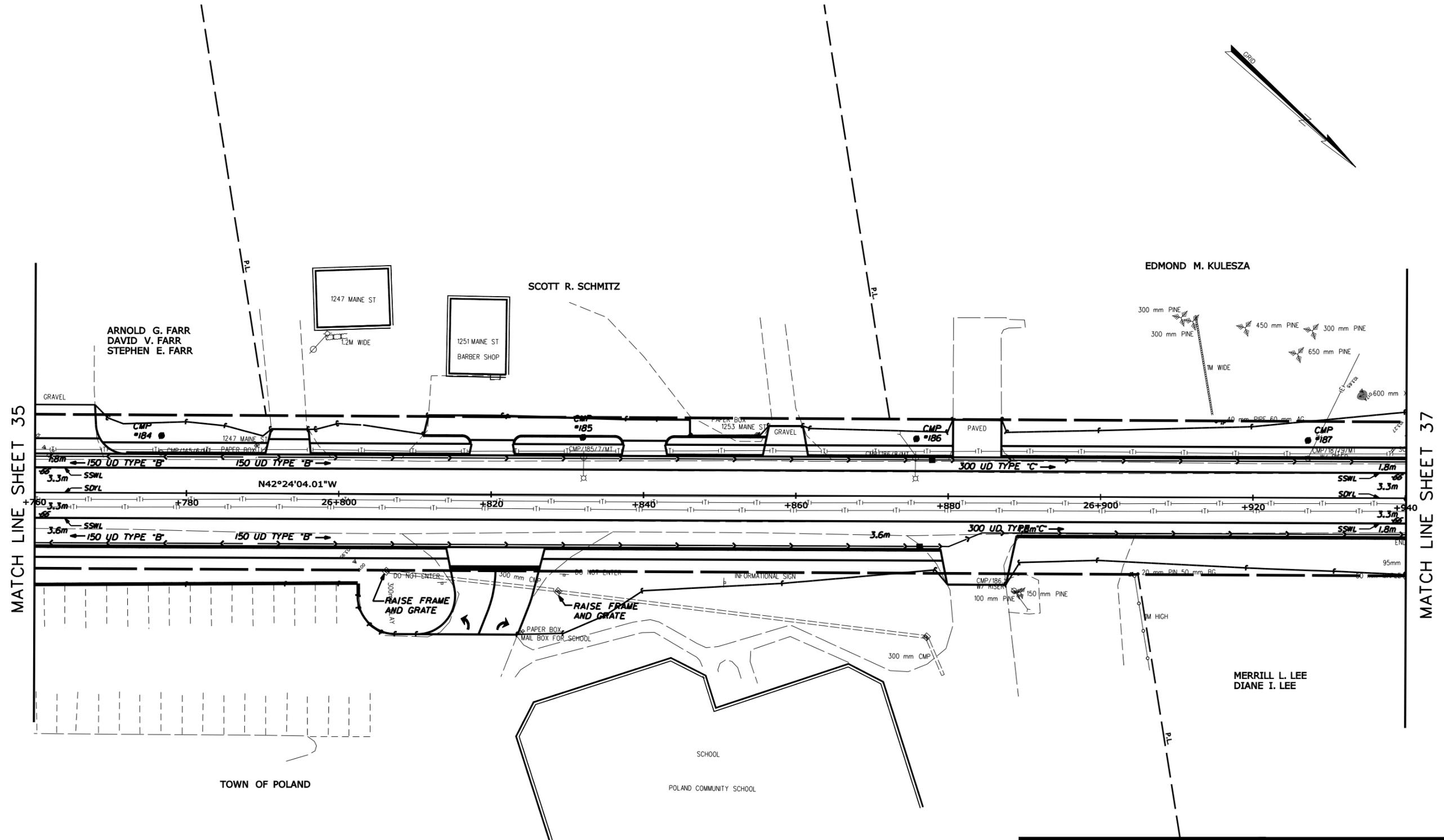
Username:

Division:

Filename: ... \plan\ve\lond\W053\_Plan\_4.3.dgn

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**



<b>LEGEND</b>		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	WETLAND IMPACTS	<b>WETLAND IMPACT PLANS</b> Poland Route 26  SCALE (in meters) SHEET 36 OF 37	
	TEMPORARY WETLAND IMPACTS		
	DITCH IMPACTS		
	RARE PLANT COMMUNITY IMPACTS		

**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	STP-1001400E		

PIN 10014.00

Date: 10/16/2008

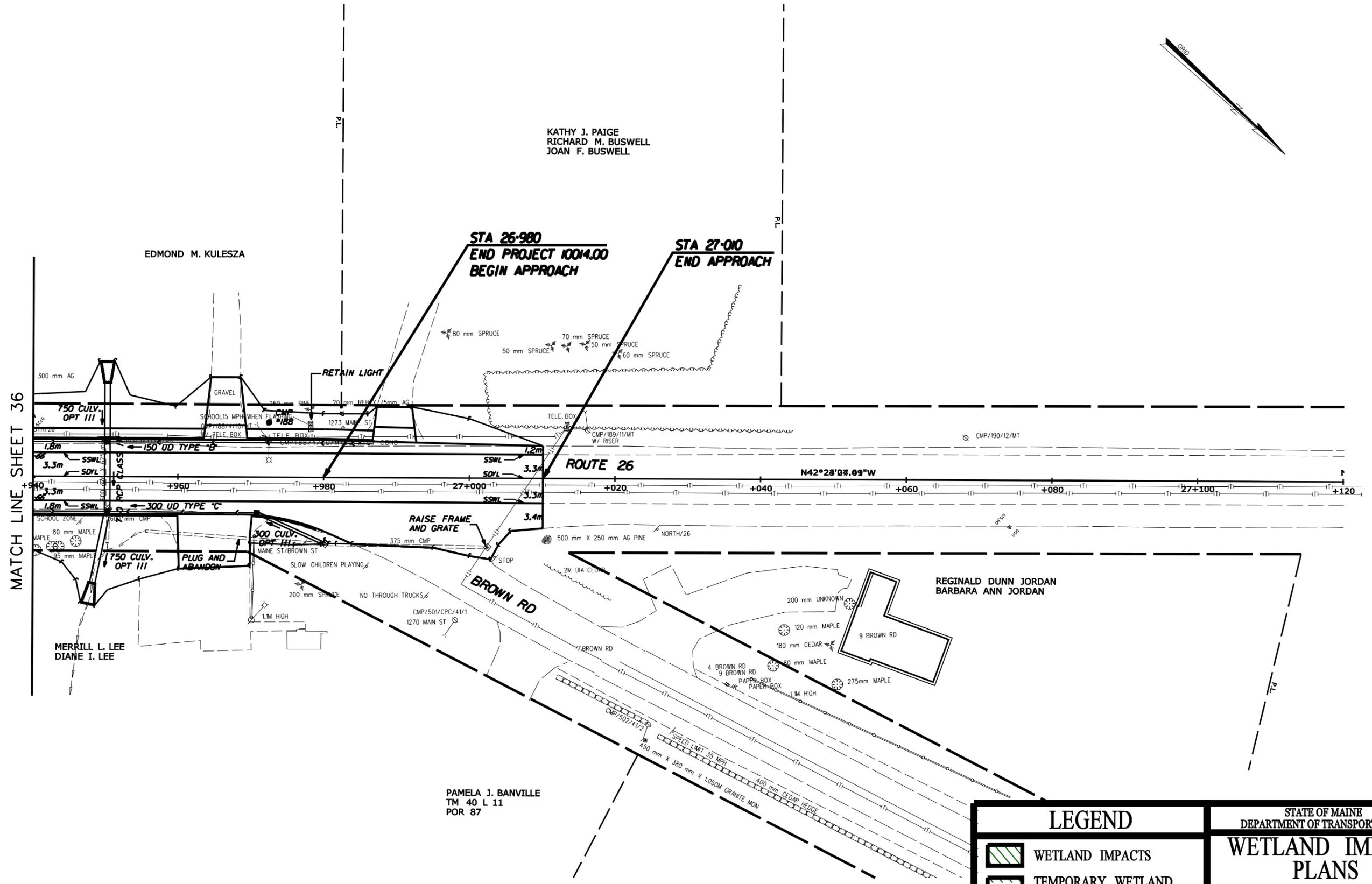
Username:

Division:

Filename: ... \plan\ve\land\W054\_Plan\_44.dgn

PROJECT DESIGN ENGINEER	DATE
BY	XX
DESIGN-DETAILED	XX
CHECKED	XX
REVISIONS	
FIELD CHANGES	

**PLANS**



PAMELA J. BANVILLE  
TM 40 L 11  
POR 87

REGINALD DUNN JORDAN  
BARBARA ANN JORDAN

MATCH LINE SHEET 36

LEGEND	
	WETLAND IMPACTS
	TEMPORARY WETLAND IMPACTS
	DITCH IMPACTS
	RARE PLANT COMMUNITY IMPACTS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

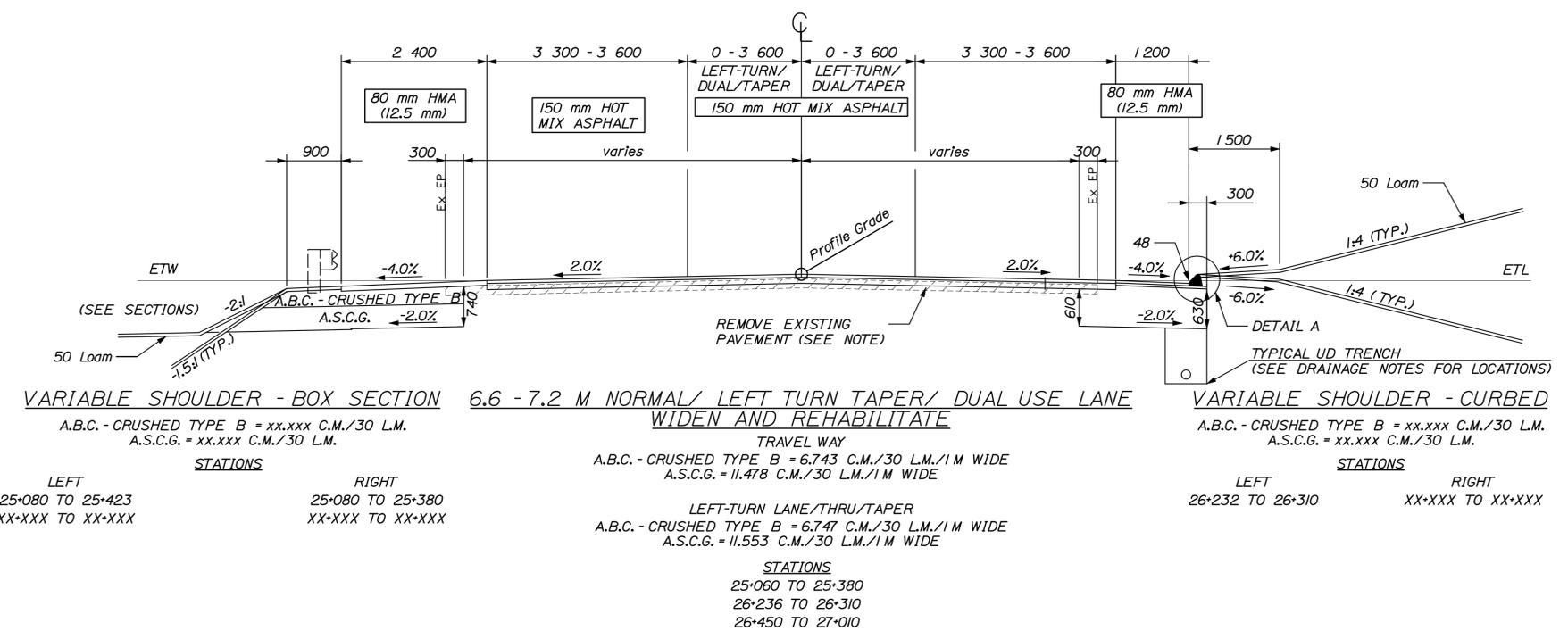
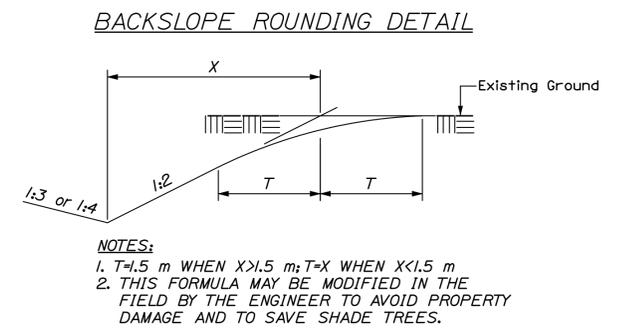
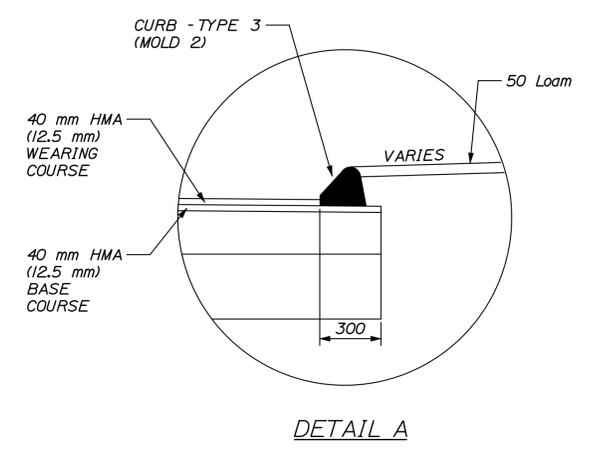
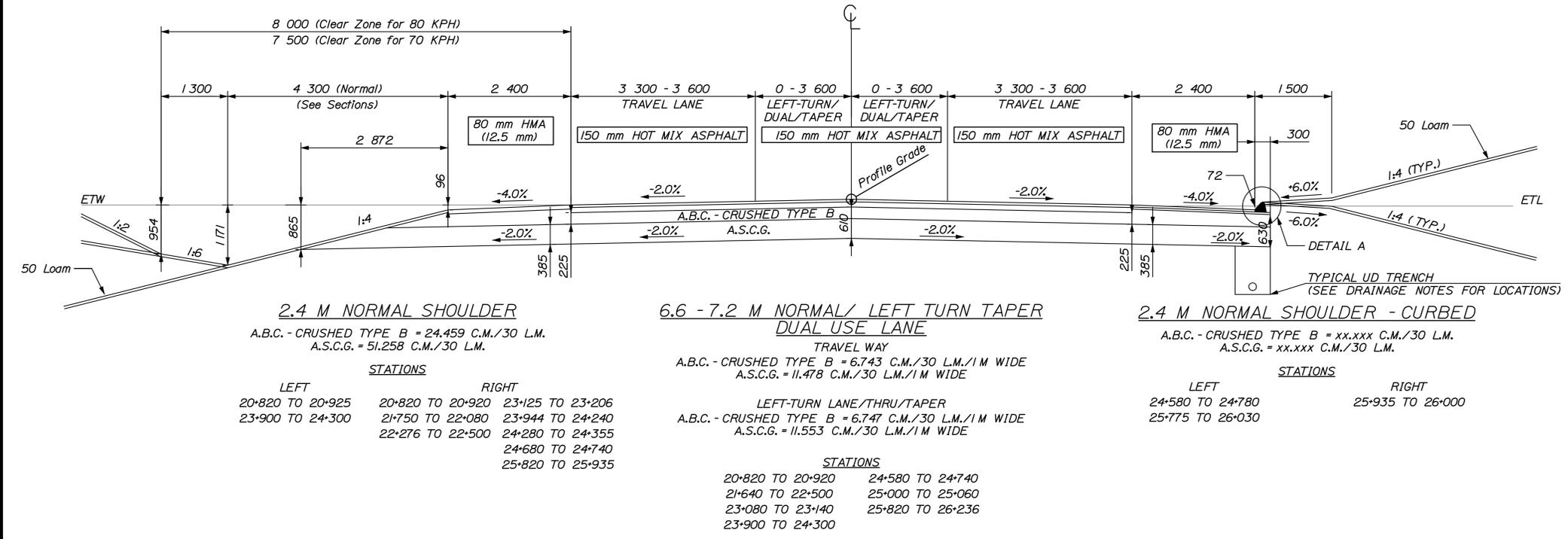
**WETLAND IMPACT PLANS**  
Poland  
Route 26

SCALE  
1:1000  
ASHTON, MAINE

SHEET 37 OF 37

Date: 10/24/2014  
 Username: ...  
 Filename: ...

**ALTERNATE 1**  
**150 mm HOT MIX ASPHALT**



REMOVE EXISTING PAVEMENT, REGRADE EXISTING GRAVEL BASE AS DIRECTED BY THE ENGINEER AND REPAVE WITH 150 HOT MIX ASPHALT. THERE WILL BE NO SEPARATE PAYMENT FOR ANY NECESSARY GRADING OF THE EXISTING GRAVEL.

- NOTES**
1. THE PAVEMENT AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
  2. "ROLLOVER" ALGEBRAIC DIFFERENCE IN RATES OF CROSS SLOPE SHALL NOT EXCEED 8%.
  3. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.
  4. CROWNS FOR BOTH NORMAL AND SUPERELEVATED SECTIONS FOR ALL COURSES OF THE SUBBASE AND PAVEMENT SHALL BE STRAIGHT.

PROJECT DESIGN ENGINEER	DATE
DESIGN DETAIL	BY
CHECKED	XX
REVISIONS	XX
FIELD CHANGES	

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

Poland  
 Route 26

NOT TO SCALE

SHEET 1 OF 7  
 AUGUSTA, MAINE

Applicant: General Public, State of Maine  
Permit Number: NAE-2005-2164

Effective Date: October 11, 2005  
Expiration Date: October 11, 2010

**DEPARTMENT OF THE ARMY  
PROGRAMMATIC GENERAL PERMIT  
STATE OF MAINE**

The New England District of the U.S. Army Corps of Engineers hereby issues a Programmatic General Permit (PGP) that expedites review of minimal impact work in coastal and inland waters and wetlands within the State of Maine.

**I. GENERAL CRITERIA**

Activities with minimal impacts, as specified by the terms and conditions of this PGP and on the attached Appendix A, Definition of Categories, are either:

Category 1: Non-reporting. Eligible without screening (provided the authorizations are obtained which this permit states are necessary for activities to be eligible for authorization under this non-reporting category), or,

Category 2: Reporting. Require screening and a written determination of eligibility under the PGP by the Corps after coordination with the U.S. Fish and Wildlife Service (U.S. FWS), U.S. Environmental Protection Agency (EPA) and the National Marine Fisheries Service (NMFS).

This PGP does not affect the Corps Individual Permit review process or activities exempt from Corps jurisdiction.

**II. ACTIVITIES COVERED:**

Work and structures that are located in, or that affect, navigable waters of the United States (U.S.) (Corps regulates under Section 10 of the Rivers and Harbors Act of 1899); the discharge of dredged or fill material into waters of the United States (Corps regulates under Section 404 of the Clean Water Act); and the transportation of dredged material for the purpose of disposal in the ocean (Corps regulates under Section 103 of the Marine Protection, Research and Sanctuaries Act).

**III. PROCEDURES:**

**A. State Approvals**

For projects authorized pursuant to this PGP, the following State approvals are also required. The applicable permits must be obtained in order for this PGP authorization to be valid (applicants are responsible for ensuring that all required State permits and approvals have been applied for and obtained):

- Maine Department of Environmental Protection (DEP): Natural Resources Protection Act (NRPA) permit, including permit-by-rule and general permit authorizations (NRPA permit issuance constitutes both the state permit and the WQC); Site Location of Development Act permit; and Maine Waterway Development and Conservation Act permit.
- Maine Department of Conservation: Land Use Regulation Commission (LURC) permit.
- Maine Department of Marine Resources: Lease.
- Maine Department of Conservation, Bureau of Parks and Lands, Submerged Lands: Lease

NOTE: This PGP may authorize projects that are not regulated by the State of Maine (e.g., seasonal floats or moorings).

## **B. Corps Authorizations**

### **CATEGORY 1 (Non-Reporting)**

#### **Eligibility Criteria**

Activities in Maine may proceed without application or notification to the Corps if they:

- Are subject to Corps jurisdiction (see General Condition 2, Page 7),
- Meet the definition of Category 1 in Appendix A - Definition of Categories, and
- Meet the General Conditions of the PGP (see Pages 7 - 15).

If the State or the Corps does not contact the applicant for DEP's Tier One permits during the DEP's Tier One 30-day review period, Corps approval may be assumed and the project may proceed. Refer to the Federal Screening Procedures (see Page 4) for additional information regarding screening.

Project proponents seeking Category 1 authorizations are not relieved of the obligation to comply with this PGP's General Conditions (see Page 7) and other Federal laws such as the National Historic Preservation Act, the Endangered Species Act (ESA) and the Wild and Scenic Rivers Act. Therefore, consultation with the Corps and/or outside experts such as the Maine Historic Preservation Commission and the appropriate Indian tribes is recommended when there is a high likelihood of the presence of resources of concern.

Although Category 1 projects are non-reporting, the Corps reserves the right to require screening under Category 2 or Individual Permit review if there are concerns for the aquatic environment or any other factor of the public interest (see General Condition 4, Discretionary Authority, Page 7).

Work that is not regulated by the State of Maine, but is subject to Corps jurisdiction, is eligible for Corps authorization under this PGP in accordance with the review thresholds and conditions contained herein. The Maine DEP and LURC have waived WQC for projects authorized under Categories 1 and 2 of this PGP and not subject to jurisdiction under the NRPA and LURC Land Use Districts and Standards.

**Enforcement cases.** This PGP does not apply to any existing or proposed activity in Corps jurisdiction associated with an on-going Corps or EPA enforcement action until such time as the enforcement action is resolved or the Corps determines that the activity may proceed independently without compromising the enforcement action. The Corps may choose not to accept applications or issue permits to any applicant with outstanding violations.

### **CATEGORY 2 (Reporting – Requiring Screening)**

#### **Eligibility Criteria**

Activities in Maine require written approval from the Corps if they:

- Are subject to Corps jurisdiction (see General Condition 2, Page 7),
- Meet the definition of Category 2 in Appendix A - Definition of Categories, and
- Meet the General Conditions of the PGP (see Pages 7 - 15),

These projects will be reviewed through interagency screening (see Federal Screening Procedures below) to determine whether such activities may be authorized under this PGP. To be eligible and

subsequently authorized, an activity must result in minimal impacts to the aquatic environment as determined by the Corps based on comments from the review team and the criteria listed above. Mitigation may be required to compensate for unavoidable impacts to ensure net effects of a project are minimal.

For Category 2 projects, applicants must obtain a written authorization from the Corps and State approvals as stated on Page 1.

To ensure compliance with the conditions of this PGP, consultation with the Corps and outside experts is required. This includes consultation with the Maine Historic Preservation Commission and the appropriate Native American Indian tribes to ensure compliance with Condition 8. Also, note the review thresholds under Category 2 apply to single and complete projects only (see General Condition 5).

**Enforcement cases.** See previous section.

### **Application Procedures**

The Corps must review and approve in writing all Category 2 activities. Generally, the State will provide the Corps with a copy of State applications received, but it is ultimately the applicant's responsibility to ensure the Corps receives the application from the State. Therefore, it is recommended that applicants either verify with the Corps receipt of their application from the State (DEP or LURC), or apply directly to the Corps with either a copy of their State application or a Corps application (ENG Form 4345). Applicants must apply directly to the Corps using ENG Form 4345 if the work is not State regulated.

Upon receipt of the application, the Corps will determine if it:

- (a) requires additional information (see "information typically required" on the following page);
- (b) is appropriate for screening with the Federal resource agencies (see Category 2 Federal Screening Procedures on the following page);
- (c) is ineligible under the terms and/or conditions of this PGP; or
- (d) will require Individual Permit review, regardless of whether the terms and conditions of this PGP are met, based on concerns for the aquatic environment or any other factor of the public interest (see General Condition 4, Discretionary Authority).

If open water disposal is proposed, the Corps will make a suitability determination, fully coordinated with the Federal resource agencies, before coordinating a project at a joint processing meeting.

All Category 2 applicants shall submit a copy of their application materials to the Maine Historic Preservation Commission and the Indian tribe(s) listed on Page 17, at the same time, or before, they apply to the DEP, LURC, or the Corps, to be reviewed for the presence of historic, archaeological or tribal resources in the permit area that the proposed work may affect. Submittals to the DEP or Corps shall include information to indicate that this has been done (a copy of the applicant's cover letter to Maine Historic Preservation Commission and tribes or a copy of the Historic Preservation Commission and tribal response letters is acceptable).

### **Information Typically Required**

The following information may not be necessary for all projects. Please see [www.nae.usace.army.mil](http://www.nae.usace.army.mil) for a more comprehensive checklist. Select "Regulatory/Permitting," "Forms" and then "Application and Plan Guideline Checklist." Please check with our Maine office for project-specific requirements.

- (a) purpose of project;
- (b) 8½"x 11" locus map. 8½"x 11" plan views of the entire property, including property lines, and project limits with existing and proposed conditions;
- (c) typical cross-section views of all wetland and waterway fill areas and wetland replication areas;
- (d) legible, reproducible plans. Show mean low water (MLW), mean high water (MHW) and high tide line (HTL) elevations in navigable waters;
- (e) each plan should show the NGVD 1929 equivalent for the project's vertical datum (MLW, MLLW, MHW, HTL or other tidal datum for tidal projects) with the vertical units. Do not use local datum;
- (f) wetland delineation for the site, Corps wetland delineation data sheets (see web site), and calculations of waterway and wetland impact areas (see General Condition 2);
- (g) delineation of submerged aquatic vegetation, e.g., eel grass beds, in tidal waters;
- (h) volume, type and source of fill material to be discharged into waters and wetlands, including the area(s) (in square feet or acres) of fill in wetlands, below ordinary high water in inland waters and below the high tide line in coastal waters;
- (i) limits of any Federal Navigation Project in the vicinity and State Plane Coordinates for the limits of the proposed work closest to the Federal Navigation Project;
- (j) on-site alternatives analysis. Please contact Corps for guidance;
- (k) identify and describe potential impacts to Essential Fish Habitat. See General Condition 11 and contact Corps for guidance;
- (l) photographs of wetland/waterway to be impacted.

**Information typically required for dredging projects:**

- (a) sediment testing, including physical (e.g., grain-size analysis), chemical and biological testing. For projects proposing open water disposal, applicants are encouraged to contact the Corps as early as possible regarding sampling and testing protocols. Sampling and testing of sediments without such contact should not occur and, if done, would be at the applicant's risk.
- (b) the area in square feet and volume of material to be dredged below mean high water;
- (c) existing and proposed water depths;
- (d) type of dredging equipment to be used;
- (e) nature of material (e.g., silty sand);
- (f) any existing sediment grain size and bulk sediment chemistry data for the proposed or any nearby projects;
- (g) information on the location and nature of municipal or industrial discharges and occurrence of any contaminant spills in or near the project area, location of the disposal site (include locus sheet);
- (h) shellfish survey;
- (i) identify and describe potential impacts to Essential Fish Habitat (see General Condition 11);
- (j) delineation of submerged aquatic vegetation (e.g., eelgrass beds).

**Federal Screening Procedures**

The Corps will review all complete applications for Category 2 projects requiring Corps approval at interagency screening meetings (or "joint processing" meetings) with the Federal resource agencies (U.S. FWS, EPA and NMFS) to determine whether such activities may be authorized under this PGP. The Federal resource agencies will comprise the interagency review team. The meetings are held at the Corps every three weeks, or coordinated as necessary to provide applicants with a timely response. The Corps and Federal resource agencies, at the branch chief or equivalent level, may agree on certain activities that do not need to be coordinated at these meetings.

If the Corps and Federal resource agencies determine that the activity is eligible for the PGP, the Corps will send an authorization letter directly to the applicant. The Corps will generally issue an eligibility determination within the State's review period, not to exceed 60 days. If the Corps determines that the activity is not eligible under the PGP or that additional information is required, the Corps will notify the applicant in writing and will send a copy of this notification to DEP or LURC.

For projects reviewed with the Federal resource agencies, the agencies may recommend, within ten business days, either 1) special conditions for projects to avoid or minimize adverse environmental effects and to ensure the terms and conditions of the PGP are met, or 2) Individual Permit review. The Corps will determine that a project is ineligible under this PGP and will begin its Individual Permit review procedures if any one of the Federal resource agencies, within ten business days of the screening meeting, expresses a concern within their area of expertise, states the resource or species that could be impacted by the project, and describes the impacts that, either individually or cumulatively, will be more than minimal.

This ten-day notice may be spoken and is not required to be fully documented, but must be confirmed with a written response within an additional ten working days from the date of the spoken comment. Written responses must be signed by the Federal resource agency field supervisor or branch chief, as appropriate, and must identify the affected resource within their area of expertise. The intent of the spoken notification is to allow the Corps to give timely notification to the applicant that additional information is needed and/or an Individual Permit may be required. The Corps may reinstate a project's eligibility under the PGP provided the Federal agencies' concerns are satisfied. The Federal resource agencies may request additional information within their area of expertise within ten business days of the screening meeting. This information shall be commensurate to the level of impact and agreed upon by the Corps. The agencies are allowed an additional ten business days after their receipt of additional information to provide special conditions or a written Individual Permit request to the Corps.

If the applicant is unable to resolve the concerns, the Corps, independently or at the request of the Federal resource agencies, will require an Individual Permit for the project. The applicant will be notified of this in writing, along with information about submitting the necessary application materials.

### **Minerals Management Service (MMS) Review**

Projects with construction of solid fill structures or discharge of fill that may extend beyond the coastline or the baseline from which the territorial sea is measured (i.e., mean low water), must be coordinated with Minerals Management Service (MMS), Outer Continental Shelf (OCS) Survey Group, pursuant to the Submerged Lands Act (43 USC, Section 1301-1315, 33 CFR 320.4(f)). The Corps will forward project information to MMS for their review. The MMS will coordinate their determination with the Department of the Interior (DOI) Solicitor's Office. The DOI will have 15 calendar days from the date MMS is in receipt of project information to determine if the baseline will be affected. No notification to the Corps within 15-day review period will constitute a "no effect" determination. Otherwise, the solicitor's notification to the Corps may be spoken but must be followed with a written confirmation within ten business days from the date of the spoken notification. This procedure will be eliminated if the State of Maine provides a written waiver of interest in any increase in submerged lands caused by a change in the baseline resulting from solid fill structures or fills authorized under this PGP.

### Emergency Situations Procedures

Emergency situations are limited to sudden, unexpected occurrences that could potentially result in an unacceptable hazard to life, a significant loss of property, or an immediate, unforeseen, and significant economic hardship if corrective action requiring a permit is not undertaken within a time period less than the normal time needed to process an application under standard procedures. If an emergency situation requires action in less than 30 days after the occurrence, it qualifies for the amended notification procedures described below.

### Notification Procedures for Emergency Situations:

Any project proponent may request emergency authorization from the Corps, however the Corps will determine if a project qualifies for these emergency situation procedures. The Federal resource agencies, the Maine Historic Preservation Commission and the tribes will each designate an emergency contact and an alternate in the event the regular contact is unavailable. When an application for Category 2 work is received that the Corps determines is an “emergency” as defined above, the Corps will fax a copy of the plans and Determination of Eligibility to the agency representatives and their alternates. The resource agencies would then have 16 business hours to notify the Corps if they have any comments on authorization of the project under the PGP. Objections to the Corps determination of an “emergency” situation will not be accepted. If no response is received within 16 business hours, the Corps will proceed with a decision on the application. If the resource agencies have comments on the proposal, they will have 16 business hours to put their comments in writing. If written comments from the Federal agencies are not received within 16 business hours, the Corps will proceed with a decision on the application.

If a Federal agency requests that an Individual Permit be required for a project or requests modifications to the project based on concerns within their area(s) of expertise, the Corps will notify the applicant within one business day of receipt of that request that the project as proposed does not qualify for authorization under this PGP and the emergency Individual Permit procedures may be followed. In any event, the Corps will notify the applicant within 16 business hours of commencement of the screening process as to whether the project may proceed under this PGP.

### **IV. CORPS AUTHORIZATION: INDIVIDUAL PERMIT**

Work that is defined in the Individual Permit category of Appendix A – Definition of Categories, or that does not meet the terms and conditions of this PGP, will require an application for an Individual Permit from the Corps (see 33 CFR Part 325.1). The screening procedures outlined for Category 2 projects will only serve to delay project review in such cases. The applicant should submit the appropriate application materials (including the Corps application form) at the earliest possible date. General information and application forms can be obtained at our web site or by calling us (see Page 16). Individual water quality certification and coastal zone management consistency concurrence are required when applicable from the State of Maine before Corps permit issuance. The Federal resource agencies’ comments are due within ten working days after the Public Notice’s expiration date, unless the Corps receives and approves a written request for a time extension within ten working days after the notice’s expiration.

## V. PROGRAMMATIC GENERAL PERMIT CONDITIONS:

The following conditions apply to activities authorized under this Maine PGP, including all Category 1 (non-reporting) and Category 2 (reporting – requiring screening) activities:

### General Requirements

**1. Other Permits.** Authorization under this PGP does not obviate the need to obtain other Federal, State, or local authorizations required by law. This includes, but is not limited to, the project proponent obtaining a Flood Hazard Development Permit issued by the town, if necessary. Inquiries may be directed to the municipality or to the Maine Floodplain Management Coordinator at (207) 287-8063. See <http://www.maine.gov>.

**2. Federal Jurisdictional Boundaries.** Applicability of this PGP shall be evaluated with reference to Federal jurisdictional boundaries. Applicants are responsible for ensuring that the boundaries used satisfy the Federal criteria defined at 33 CFR 328-329. These sections prescribe the policy, practice and procedures to be used in determining the extent of jurisdiction of the Corps concerning “waters of the U.S.” and “navigable waters of the U.S.” Wetland boundaries shall be delineated in accordance with the January 1987 Corps of Engineers Wetlands Delineation Manual, located at <http://www.usace.army.mil/inet/functions/cw/cecwo/reg/wlman87.pdf>. The U.S. FWS publishes the National List of Plant Species that Occur in Wetlands, located at <http://www.nwi.fws.gov>. The Natural Resources Conservation Service (NRCS) develops the hydric soil definition and criteria, and publishes the current hydric soil lists, located at <http://soils.usda.gov/use/hydric/>.

**3. Minimal Effects.** Projects authorized by this PGP shall have no more than minimal individual and cumulative adverse environmental impacts as determined by the Corps.

**4. Discretionary Authority.** Notwithstanding compliance with the terms and conditions of this permit, the Corps retains discretionary authority to require Category 2 or Individual Permit review based on concerns for the aquatic environment or for any other factor of the public interest [33 CFR 320.4(a)]. This authority is invoked on a case-by-case basis whenever the Corps determines that the potential consequences of the proposal warrant Individual Permit review based on the concerns stated above. This authority may be invoked for projects with cumulative environmental impacts that are more than minimal or if there is a special resource or concern associated with a particular project that is not already covered by the remaining conditions of the PGP and that warrants greater review. Whenever the Corps notifies an applicant that an Individual Permit may be required, authorization under this PGP is void and no work may be conducted until the individual Corps permit is obtained or until the Corps notifies the applicant that further review has demonstrated that the work may proceed under this PGP.

**5. Single and Complete Projects.** This PGP shall not be used for piecemeal work and shall be applied to single and complete projects. All components of a single project shall be treated together as constituting one single and complete project and/or all planned phases of a multi-phased project (e.g., subdivisions should include all work such as roads, utilities, and lot development) unless the Corps determines that a component has independent utility. (The *Independent Utility* test is used to determine what constitutes a single and complete project in the Corps regulatory program. A project is considered to have independent utility if it would be constructed absent the construction of other projects in the project area. Portions of a multi-phase project that depend upon other phases of the project do not have independent utility. Phases of a project that would be constructed even if the other phases were not built can be considered as separate single and complete projects with independent utility.) For linear projects, such as power lines or pipelines with multiple

crossings, the “single and complete project” (i.e., single and complete crossing) will apply to each crossing of a separate water of the U.S. (i.e., single waterbody) at that location; except that for linear projects crossing a single waterbody several times at separate and distant locations, each crossing is considered a single and complete project, and may be reviewed for Category 1 eligibility. (However, individual channels in a braided stream or river, or individual arms of a large, irregularly-shaped wetland or lake, etc., are not separate waterbodies.) If any crossing requires a Category 2 activity, then the entire linear project shall be reviewed as one project under Category 2. Also, this PGP shall not be used for any activity that is part of an overall project for which an Individual Permit is required, unless the Corps determines the activity has independent utility.

**6. Permit On-Site.** For Category 2 projects, the permittee shall ensure that a copy of this PGP and the accompanying authorization letter are at the work site (and the project office) authorized by this PGP whenever work is being performed, and that all personnel with operation control of the site ensure that all appropriate personnel performing work are fully aware of its terms and conditions. The entire permit authorization shall be made a part of any and all contracts and sub-contracts for work that affects areas of Corps jurisdiction at the site of the work authorized by this PGP. This shall be achieved by including the entire permit authorization in the specifications for work. The term “entire permit authorization” means this PGP and the authorization letter (including its drawings, plans, appendices and other attachments) and also includes permit modifications. If the authorization letter is issued after the construction specifications, but before receipt of bids or quotes, the entire permit authorization shall be included as an addendum to the specifications. If the authorization letter is issued after receipt of bids or quotes, the entire permit authorization shall be included in the contract or sub-contract as a change order. Although the permittee may assign various aspects of the work to different contractors or sub-contractors, all contractors and sub-contractors shall be obligated by contract to comply with all environmental protection provisions contained within the entire PGP authorization, and no contract or sub-contract shall require or allow unauthorized work in areas of Corps jurisdiction.

### **National Concerns**

**7. St. John/St. Croix Rivers.** This covers work within the Saint John and Saint Croix River basins that requires approval of the International Joint Commission. This includes any temporary or permanent use, obstruction or diversion of international boundary waters which could affect the natural flow or levels of waters on the Canadian side of the line, as well as any construction or maintenance of remedial works, protective works, dams, or other obstructions in waters downstream from boundary waters when the activity could raise the natural level of water on the Canadian side of the boundary.

**8. Historic Properties.** Any activity authorized by this PGP shall comply with Section 106 of the National Historic Preservation Act. Information on the location and existence of historic resources can be obtained from the Maine Historic Preservation Commission, the National Register of Historic Places, and the Penobscot, Passamaquoddy, Micmac, and Maliseet Tribal Historic Preservation Officers. See Page 17 for historic properties contacts. If the permittee, either prior to construction or during construction of the work authorized herein, encounters a previously unidentified archaeological or other cultural resource, within the area subject to Department of the Army jurisdiction, that might be eligible for listing in the National Register of Historic Places, he/she shall stop work and immediately notify the District Engineer and the Maine Historic Preservation Commission and/or applicable Tribe(s).

**9. National Lands.** Activities authorized by this PGP shall not impinge upon the value of any National Wildlife Refuge, National Forest, National Marine Sanctuary, National Park or any other area administered by the National Park Service.

**10. Endangered Species.** No activity may be authorized under this PGP which:

- is likely to adversely affect a threatened or endangered species, a proposed species, designated critical habitat, or proposed critical habitat as identified under the Federal ESA,
- would result in a “take” of any threatened or endangered species of fish or wildlife, or
- would result in any other violation of Section 9 of the ESA protecting threatened or endangered species of plants.

Applicants shall notify the Corps if any listed species or critical habitat, or proposed species or critical habitat, is in the vicinity of the project and shall not begin work until notified by the District Engineer (DE) that the requirements of the ESA have been satisfied and that the activity is authorized. Information on the location of threatened and endangered species and their critical habitat can be obtained from the U.S. FWS and NMFS (see Page 16 for addresses).

**11. Essential Fish Habitat.** As part of the PGP screening process, the Corps will coordinate with NMFS in accordance with the 1996 amendments to the Magnuson-Stevens Fishery Conservation and Management Act to protect and conserve the habitat of marine, estuarine and anadromous finfish, mollusks, and crustaceans. This habitat is termed “Essential Fish Habitat (EFH)”, and is broadly defined to include “those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity.” Applicants may be required to describe and identify potential impacts to EFH. Conservation recommendations made by NMFS will normally be included as a permit requirement by the Corps. For additional information, see the EFH regulations at 50 CFR Part 600 (<http://www.nmfs.noaa.gov>). Additional information on the location of EFH can be obtained from NMFS (see Page 16 for contact information).

Any work in any aquatic habitat in the following rivers and streams, including all tributaries to the extent that they are currently or were historically accessible for salmon migration, shall not be authorized under Category 1 of the PGP and must be screened for potential impacts to EFH.

Androscoggin River	Hobart Stream	Passagassawaukeag River	Saco River
Aroostook River	Kennebec River	Patten Stream	Sheepscot River
Boyden River	Machias River	Penobscot River	St. Croix River
Dennys River	Narraguagus River	Pleasant River	Tunk Stream
Ducktrap River	Orland River	Presumpscot River	Union River
East Machias River			

**12. Wild and Scenic Rivers.** Any activity that occurs in a component of, or within 0.25 mile up or downstream of, the main stem or tributaries of a river segment of the National Wild and Scenic River System, must be reviewed by the Corps under the procedures of Category 2 of this PGP regardless of size of impact. This condition applies to both designated Wild and Scenic Rivers and rivers designated by Congress as study rivers for possible inclusion while such rivers are in an official study status. The Corps will consult with the National Park Service (NPS) with regard to potential impacts of the proposed work on the resource values of the Wild and Scenic River. The culmination of this coordination will be a determination by the NPS and the Corps that the work: (1) may proceed as proposed; (2) may proceed with recommended conditions; or (3) could pose a direct and adverse effect on the resource values of the river and an individual permit is required. If

preapplication consultation between the applicant and the NPS has occurred whereby NPS has made a determination that the proposed project is appropriate for authorization under this PGP (with respect to Wild and Scenic River issues), this determination should be furnished to the Corps with submission of the application. (See NPS address on Page 16.) National Wild and Scenic Rivers System segments for Maine as of September 2005 include: Allagash River beginning at Telos Dam continuing to Allagash checkpoint at Eliza Hole Rapids, approximately 3 miles upstream of the confluence with the St. John River (length = 92 miles).

**13. Federal Navigation Project.** Any structure or work that extends closer to the horizontal limits of any Corps Federal Navigation Project (See Appendix B) than a distance of three times the project's authorized depth shall be subject to removal at the owner's expense prior to any future Corps dredging or the performance of periodic hydrographic surveys.

**14. Navigation.** (a) There shall be no unreasonable interference with navigation by the existence or use of the activity authorized herein and no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the activity authorized herein. (b) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

**15. Federal Liability.** In issuing this permit, the Federal Government does not assume any liability for the following: (a) damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes; (b) damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States (U.S.) in the public interest; (c) damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit; (d) design or construction deficiencies associated with the permitted work; (e) damage claims associated with any future modification, suspension, or revocation of this permit.

#### **Minimization of Environmental Impacts**

**16. Minimization.** Discharges of dredged or fill material into waters of the United States, including wetlands, shall be avoided and minimized to the maximum extent practicable. Permittees may only fill those jurisdictional wetlands that the Corps authorizes to be filled and impact those wetlands that the Corps authorizes as secondary impacts. For coastal structures such as piers and docks, the height above the marsh at all points should be equal to or exceed the width of the deck. The height shall be measured from the marsh substrate to the bottom of the longitudinal support beam. This will help ensure sunlight reaches the area beneath the structure.

**17. Heavy Equipment in Wetlands.** Heavy equipment, other than fixed equipment (drill rigs, fixed cranes, etc.), working within wetlands shall not be stored, maintained or repaired in wetlands unless it is less environmentally damaging otherwise, and as much as possible shall not be operated there. Where construction requires heavy equipment operation in wetlands, the equipment shall

either have low ground pressure (<3 psi), or shall not be located directly on wetland soils and vegetation; it shall be placed on swamp or timber mats that are adequate to support the equipment in such a way as to minimize disturbance of wetland soil and vegetation. (See General Condition 18 below.) Other support structures that are less impacting and are capable of safely supporting equipment may be used with written Corps authorization. Similarly, not using mats during frozen, dry or other conditions may be allowed with written Corps authorization. An adequate supply of spill containment equipment shall be maintained on site.

NOTE: "Swamp mats" is a generic term used to describe structures that distribute equipment weight to prevent wetland damage while facilitating passage and providing work platforms for workers and equipment. They are comprised of sheets or mats made from a variety of materials in various sizes, and they include large timbers bolted or cabled together (timber mats). Corduroy roads, which are not considered to be swamp mats, are cut trees and/or saplings with the crowns and branches removed, and the trunks lined up next to one another.

**18. Temporary Fill.** Fill placed into waters of the U.S. (including wetlands) totaling greater than or equal to 4,300 SF (15,000 SF if a DEP Tier One Permit is issued) in total area (i.e., the sum of permanent and temporary fill areas) exceeds the Category 1 threshold and may not be discharged without written authorization from the Corps. When temporary fill is used (e.g., access roads, swamp mats, cofferdams), it shall be stabilized and maintained during construction in such a way as to prevent soil eroding into portions of waters of the U.S. where it is not authorized. Swamp or timber mats (see Gen.Cond. 17 above) are considered as temporary fill when they are removed immediately upon work completion. The area must be restored in accordance with Gen.Cond. 19.

- Unconfined temporary fill authorized for discharge into flowing water (rivers and streams) shall consist only of clean washed stone.
- Temporary fill authorized for discharge into wetlands shall be placed on geotextile fabric laid on the pre-construction wetland grade. (Swamp and timber mats are excluded from this requirement.)
- Temporary fill shall be removed as soon as it is no longer needed, and it shall be disposed of at an upland site and suitably contained to prevent subsequent erosion into waters of the U.S.
- Waters of the U.S. where temporary fill was discharged shall be restored (see Gen.Cond. 19).
- No temporary work shall drain a water of the U.S. by providing a conduit for water on or below the surface.

**19. Restoration.**

- Upon completion of construction, all disturbed wetland areas (the disturbance of these areas must be authorized) shall be stabilized with a wetland seed mix containing only plant species native to New England.
- The introduction or spread of invasive plant species in disturbed areas shall be controlled.
- In areas of authorized temporary disturbance, if trees are cut they shall be cut at ground level and not uprooted in order to prevent disruption to the wetland soil structure and to allow stump sprouts to revegetate the work area, unless otherwise authorized.
- Wetland areas where permanent disturbance is not authorized shall be restored to their original condition and elevation, which under no circumstances shall be higher than the pre-construction elevation. Original condition means careful protection and/or removal of existing soil and vegetation, and replacement back to the original location such that the original soil layering and vegetation schemes are approximately the same, unless otherwise authorized.

**20. Coastal Bank Stabilization.** Projects involving construction or reconstruction/maintenance of bank stabilization structures within Corps jurisdiction should be designed to minimize environmental effects, effects to neighboring properties, scour, etc. to the maximum extent practicable. For example, vertical bulkheads should only be used in situations where reflected wave energy can be tolerated. This generally eliminates bodies of water where the reflected wave energy may interfere with or impact on harbors, marinas, or other developed shore areas. A revetment is sloped and is typically employed to absorb the direct impact of waves more effectively than a vertical seawall. It typically has a less adverse effect on the beach in front of it, abutting properties and wildlife. For more information, see the Corps Coastal Engineering Manual (supersedes the Shore Protection Manual), located at <http://chl.erdc.usace.army.mil>. Select “Products/ Services,” “Publications.” Part 5, Chapter 7-8, a(2)c is particularly relevant.

**21. Sedimentation and Erosion Control.** Adequate sedimentation and erosion control management measures, practices and devices, such as phased construction, vegetated filter strips, geotextile silt fences, hay bales or other devices, shall be installed and properly maintained to reduce erosion and retain sediment on-site during and after construction. They shall be capable of preventing erosion, of collecting sediment, suspended and floating materials, and of filtering fine sediment. These devices must be removed in a timely manner upon completion of work, but not until the disturbed areas have been stabilized. The sediment collected by these devices shall be removed and placed at an upland location in a manner that will prevent its later erosion into a waterway or wetland. All exposed soil and other fills shall be permanently stabilized at the earliest practicable date.

## **22. Waterway Crossings.**

(a) All temporary and permanent crossings of waterbodies (waterways and wetlands) shall be suitably culverted, bridged, or otherwise designed to withstand and to prevent the restriction of high flows, to maintain existing low flows, and to not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction. (NOTE: Areas of fill and/or cofferdams must be included in total waterway/wetlands impacts to determine applicability of this PGP).

(b) Aquatic Life Movements. No activity may substantially disrupt the necessary life-cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity’s primary purpose is to impound water. For new permanent crossings, open bottom arches, bridge spans or embedded culverts are generally preferred over traditional culverts and should be installed when practicable. Coordination with the Corps is recommended for Category 1 projects when site constraints (e.g., placing footings) may render open bottom arches, bridge spans or embedded culverts impractical. In these cases, well-designed culverts may actually perform better. Culverts shall be installed with their inverts embedded below existing streambed grade to avoid “hanging” and associated impediments to fish passage. The “Design of Road Culverts for Fish Passage” provides design guidance and is available at [www.nae.usace.army.mil](http://www.nae.usace.army.mil), “Regulatory/Permitting,” “Other.”

(c) Culverts at waterbody crossings shall be installed in such a manner as to preserve hydraulic connectivity, at its present level, between the wetlands on either side of the road. The permittee shall take necessary measures to correct wetland damage due to lack of hydraulic connectivity.

(d) Culverts and bridges shall span the waterway a minimum of 1.2 times the bankfull width in probable fish bearing waterways to qualify as a Category 1 non-reporting activity. See “Design of Road Culverts for Fish Passage,” referenced in (b) above, for information on bankfull width.

(e) Projects using slip lining (retrofitting an existing culvert by inserting a smaller diameter pipe), plastic pipes, and High Density Polyethylene Pipes (HDPP) are not allowed as non-reporting Category 1 activities, either as new work or maintenance activities.

(f) Waterbody crossings shall be culverted to at least municipal or State standards. The Maine DEP's stream crossing standards are at 06-096, Chapter 305: Permit by Rule, Section 10. Stream crossings (bridges, culverts and fords).

(g) Waterway crossings proposed by the Maine Dept. of Transportation should conform to the MDOT Fish Passage Policy and Design Guides.

(h) Construction equipment shall not cross streams without the use of temporary bridges, culverts, or cofferdams.

(i) For projects that otherwise meet the terms of Category 1, in-stream construction work shall be conducted during the low flow period July 15 - October 1 in any year. Projects that are not to be conducted during that time period are ineligible for Category 1 and shall be screened pursuant to Category 2, regardless of the waterway and wetland fill and/or impact area.

**23. Discharge of Pollutants.** All activities involving any discharge of pollutants into waters of the U.S. authorized under this PGP shall be consistent with applicable water quality standards, effluent limitations, standards of performance, prohibitions, and pretreatment standards and management practices established pursuant to the CWA (33 USC 1251) and applicable State and local laws. If applicable water quality standards, limitations, etc., are revised or modified during the term of this PGP, the authorized work shall be modified to conform with these standards within six months of the effective date of such revision or modification, or within a longer period of time deemed reasonable by the District Engineer in consultation with the Regional Administrator of the EPA. Applicants may presume that State water quality standards are met with the issuance of a LURC or DEP NRPA permit.

**24. Spawning Areas.** Discharges of dredged or fill material, and/or suspended sediment producing activities in fish and shellfish spawning or nursery areas and amphibian and waterfowl breeding areas during spawning or breeding seasons shall be avoided. During all times of year, impacts to these areas shall be avoided or minimized to the maximum extent practicable.

**25. Storage of Seasonal Structures.** Coastal structures, such as pier sections and floats, that are removed from the waterway for a portion of the year (often referred to as seasonal structures) shall be stored in an upland location located above mean high water (MHW) and not in tidal wetlands. These seasonal structures may be stored on the fixed, pile-supported portion of the structure that is seaward of MHW. This is intended to prevent structures from being stored on the marsh substrate and the substrate seaward of MHW. Seasonal storage of structures in navigable waters, e.g., in a protected cove on a mooring, requires Corps and local harbormaster approval.

**26. Environmental Functions and Values.** The permittee shall make every reasonable effort to carry out the construction or operation of the work authorized herein in a manner so as to maintain as much as is practicable, and minimize any adverse impacts on existing fish, wildlife, and natural environmental functions and values.

**27. Protection of Vernal Pools.** Impacts to uplands in proximity (within 500 feet) to the vernal pools referenced in Appendix A - Definitions of Categories, shall be minimized to the maximum extent possible.

## **Procedural Conditions**

**28. Cranberry Development Projects.** For cranberry development projects authorized under the PGP, the following conditions apply:

- If a cranberry bog is abandoned for any reason, the area must be allowed to revert to natural wetlands unless an Individual Permit is obtained from the Corps allowing the discharge of fill for an alternate use.
- No stream diversion shall be allowed under this permit.
- No impoundment of perennial streams shall be allowed under this permit.
- The project shall be designed and constructed to not cause flood damage on adjacent properties.

**29. Inspections.** The permittee shall allow the District Engineer (DE) or his authorized representative(s) to make periodic inspections at any time deemed necessary in order to ensure that the work is being performed in accordance with the terms and conditions of this permit. The DE may also require post-construction engineering drawings for completed work and post-dredging survey drawings for any dredging work.

**30. Work Start Notification Form and Compliance Certification.** Every permittee who receives a written Category 1 or 2 PGP authorization from the Corps must submit a 1) Work Start Notification Form (WSNF) two weeks before work commencement, and 2) signed Compliance Certification Form within one month following the completion of the authorized work and any required mitigation (but not mitigation monitoring, which requires separate submittals). The Corps will forward the blank WSNF and Compliance Certification Form with the authorization letter. The Compliance Certification Form will include: (a) a statement that the authorized work was done in accordance with the Corps authorization, including any general or specific conditions; (b) a statement that any required mitigation was completed in accordance with the permit conditions; and (c) the signature of the permittee certifying the completion of the work and mitigation.

**31. Maintenance.** The permittee shall maintain the work or structures authorized herein in good condition and in conformance with the terms and conditions of this permit. This does not include maintenance of dredging projects. Maintenance dredging is subject to the review thresholds in Appendix A and/or any conditions included in a written Corps authorization. Maintenance dredging includes only those areas and depths previously authorized and dredged. Some maintenance activities may not be subject to regulation under Section 404 in accordance with 33 CFR 323.4(a)(2).

**32. Property Rights.** This permit does not convey any property rights, either in real estate or material, or any exclusive privileges, nor does it authorize any injury to property or invasion of rights or any infringement of Federal, State, or local laws or regulations. If property associated with work authorized by the PGP is sold, the PGP authorization is automatically transferred to the new property owner. The new property owner should provide this information to the Corps in writing. No acknowledgement from the Corps is necessary.

**33. Modification, Suspension, and Revocation.** This permit may be either modified, suspended, or revoked, in whole or in part, pursuant to the policies and procedures of 33 CFR 325.7. Any such action shall not be the basis for any claim for damages against the United States.

**34. Restoration.** The permittee, upon receipt of a notice of revocation of authorization under this permit, shall restore the wetland or waterway to its former condition without expense to the United States and as directed by the Secretary of the Army or his authorized representative. If the permittee fails to comply with such a directive, the Secretary or his designee may restore the wetland or waterway to its former condition, by contract or otherwise, and recover the cost from the permittee.

**35. Special Conditions.** The Corps, independently or at the request of the Federal resource agencies, may impose other special conditions on a project authorized pursuant to this general permit that are determined necessary to minimize adverse environmental effects or based on any other factor of the public interest. Failure to comply with all conditions of the authorization, including special conditions, will constitute a permit violation and may subject the permittee to criminal, civil, or administrative penalties or restoration.

**36. False or Incomplete Information.** If the Corps makes a determination regarding the eligibility of a project under this permit and subsequently discovers that it has relied on false, incomplete, or inaccurate information provided by the permittee, the permit shall not be valid and the government may institute appropriate legal proceedings.

**37. Abandonment.** If the permittee decides to abandon the activity authorized under this general permit, unless such abandonment is merely the transfer of property to a third party, he/she must restore the area to the satisfaction of the District Engineer.

**Duration of Authorization/Grandfathering:**

**38. Duration of Authorization.** This PGP expires five years from the effective date listed at the top of Page 1. Activities authorized under Category 1 of this PGP that have commenced (i.e., are under construction) or are under contract to commence in reliance upon this PGP's authorization will remain authorized provided the activity is completed within 12 months of the PGP's expiration date. Activities authorized under Category 2 of this PGP will remain authorized in accordance with the project-specific date that the Corps provides to the permittee in the PGP authorization letter, unless:

- (a) The PGP is either modified or revoked, or
- (b) Discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization in accordance with 33 CFR 325.2 (e)(2).

**39. Previously Authorized Activities.**

- (a) Activities completed under the authorizations of past PGPs that were in effect at the time the activity was completed will continue to be authorized by those PGPs.
- (b) Completed projects that have received written verification or approval from the Corps, based on applications made to the Corps prior to issuance of this PGP or the previous nationwide permits, regional general permits, or letters of permission shall remain authorized as specified in each authorization.
- (c) Activities authorized pursuant to 33 CFR Part 330.3 ("Activities occurring before certain dates") are not affected by this PGP.

## VI. CONTACTS FOR MAINE PROGRAMMATIC GENERAL PERMIT:

### 1. FEDERAL

#### U.S. Army Corps of Engineers

Maine Project Office  
675 Western Avenue #3  
Manchester, Maine 04351  
(207) 623-8367  
(207) 623-8206 (fax)

#### Federal Endangered Species

U.S. Fish and Wildlife Service  
Maine Field Office  
1168 Main Street  
Old Town, Maine 04468  
(207) 827-5938  
207-827-6099 (fax)

#### Wild and Scenic Rivers

National Park Service  
North Atlantic Region  
15 State Street  
Boston, Massachusetts 02109  
(617) 223-5203

#### Federal Endangered Species & Essential Fish Habitat

National Marine Fisheries Service  
One Blackburn Drive  
Gloucester, Massachusetts 01939  
(978) 281-9102  
(978) 281-9301 (fax)

#### Bridge Permits

Commander (obr)  
First Coast Guard District  
One South Street - Battery Bldg  
New York, New York 10004  
(212) 668-7021

### 2. STATE OF MAINE

#### Maine Department of Environmental Protection (For State Permits & Water Quality Certifications)

Division of Land Resource Regulation  
Bureau of Land and Water Quality  
17 State House Station  
Augusta, Maine 04333  
(207) 287-2111

Southern Maine Regional Office  
312 Canco Road  
Portland, Maine 04103  
(201) 822-6300

Eastern Maine Regional Office  
106 Hogan Road  
Bangor, Maine 04401  
(207) 941-4570

Northern Maine Regional Office  
1235 Central Drive - Skyway Park  
Presque Isle, Maine 04769  
(207) 764-0477

#### Maine Land Use Regulation Commission (LURC) [call (800) 452-8711 for appropriate LURC office]

22 State House Station  
Augusta, ME 04333-0022  
(207) 287-2631  
(207) 287-7439 (fax)

45 Radar Road  
Ashland, ME 04732-3600  
(207) 435-7963  
(207) 435-7184 (fax)

Lakeview Drive  
P.O. Box 1107  
Greenville, ME 04441  
(207) 695-2466  
(207) 695-2380 (fax)

*(For CZM Determinations)*

State Planning Office  
Coastal Program  
184 State Street  
State House Station 38  
Augusta, Maine 04333  
(207) 287-1009

*(For Submerged Lands Leases)*

Maine Department of Conservation  
Bureau of Parks and Lands  
22 State House Station  
Augusta, Maine 04333  
(207) 287-3061

**3. HISTORIC PROPERTIES**

Maine Historic Preservation Commission

State House Station 65  
Augusta, Maine 04333-0065  
(207) 287-2132  
(207) 287-2335 (fax)

Aroostook Band of Micmacs

Attn: Mr. Williams Phillips, Chief  
7 Northern Road  
Presque Isle, Maine 04769  
(207) 764-1972  
(207) 764-7667 (fax)

Houlton Band of Maliseet Indians

Attn: Tribal Chief  
88 Bell Road  
Littleton, Maine 04730  
(207) 532-4273, x215  
(207) 532-2660 (fax)

191 Main Street  
East Millinocket, ME 04430  
(207) 746-2244  
(207) 746-2243

*(For Aquaculture Leases)*

Maine Department of Marine Resources  
P.O. Box 8  
West Boothbay Harbor, Maine 04575  
(207) 633-9500

Passamaquoddy Tribe of Indians

Pleasant Point Reservation  
Attn: Tribal Council  
P.O. Box 343  
Perry, Maine 04667  
(207) 853-2600  
(207) 853-6039 (fax)

Passamaquoddy Tribe of Indians

Indian Township Reservation  
Attn: Donald Soctomah, THPO  
P.O. Box 301  
Princeton, Maine 04668  
(207) 796-2301  
(207) 796-5256 (fax)

Penobscot Indian Nation

Indian Island Reservation  
Attn: Ms. Bonnie Newsom, THPO  
12 Wabanaki Way  
Indian Island, Maine 04468  
(207) 817-7471  
(207) 817-7450 (fax)

**4. ORGANIZATIONAL WEBSITES:**

Army Corps of Engineers	<a href="http://www.nae.usace.army.mil">www.nae.usace.army.mil</a> (click "Regulatory/Permitting")
Corps of Engineers Headquarters	<a href="http://www.usace.army.mil">www.usace.army.mil</a> (click "Services for the Public")
Environmental Protection Agency	<a href="http://www.epa.gov/owow/wetlands/">www.epa.gov/owow/wetlands/</a>
National Marine Fisheries Service	<a href="http://www.nmfs.noaa.gov">www.nmfs.noaa.gov</a>
U.S. Fish and Wildlife Service	<a href="http://www.fws.gov">www.fws.gov</a>
National Park Service	<a href="http://www.nps.gov/rivers/index.html">www.nps.gov/rivers/index.html</a>
State of Maine	<a href="http://www.maine.gov">www.maine.gov</a>
State of Maine -Aquaculture Guidelines	<a href="http://www.maine.gov/dmr/aquaculture/index.htm">www.maine.gov/dmr/aquaculture/index.htm</a>

*for* Christine J. Gray 10-11-05  
District Engineer Date

**APPENDIX A: DEFINITION OF CATEGORIES**

<p><b>A. INLAND WATERS AND WETLANDS</b></p>	<p><b>Inland Waters and Wetlands:</b> Waters that are regulated under Section 404 of the Clean Water Act, including rivers, streams, lakes, ponds and wetlands, and excluding Section 10 Navigable Waters of the U.S. The jurisdictional limits are the ordinary high water (OHW) mark in the absence of adjacent wetlands, beyond the OHW mark to the limit of adjacent wetlands when adjacent wetlands are present, and the wetland limit when only wetlands are present. For the purposes of this PGP, fill placed in the area between the mean high water (MHW) and the high tide line (HTL), and in the bordering and contiguous wetlands<sup>1</sup> to tidal waters are reviewed in the Navigable Waters section. (See II. Navigable Waters on the next page.)</p>		
	<p><b>CATEGORY 1</b></p>	<p><b>CATEGORY 2</b></p>	<p><b>INDIVIDUAL PERMIT</b></p>
<p>(a) NEW FILL/ EXCAVATION DISCHARGES</p>	<p>&lt;4,300 SF inland waterway and/or wetland fill and associated secondary impacts (e.g., areas drained, flooded, cleared or excavated). Fill area includes all temporary and permanent fill, and excavation discharges (except for incidental fallback). Swamp mats are considered as fill. [See General Condition (GC) 18.]</p> <p><u>Provided:</u></p> <ul style="list-style-type: none"> <li>• In-stream (e.g., rivers, streams, brooks, etc.) work limited to Jul 15 - Oct 1</li> <li>• In-stream work of up to 4,300 SF of fill below OHW in waterways not designated as EFH for Atlantic salmon (see GC 11, Page 9) and performed in accordance with Maine Permit By Rule standards or a LURC permit.</li> <li>• Waterway crossings shall comply with GC 22.</li> <li>• Projects covered by a DEP Tier One permit with no cumulative impacts &gt;15,000 SF in inland wetlands from previous permits, unauthorized work, and/or other state permits.</li> <li>• Subdivision fill complies with GC 5, Single and Complete Projects (see Page 7).</li> </ul> <p><u>This category excludes:</u></p> <ul style="list-style-type: none"> <li>• Dams, dikes or activities involving water diversions.<sup>2</sup></li> <li>• Non-State approved sediment releases/sluices from dams.</li> <li>• Open trench excavation in flowing waters (see GC 22, Page 12).</li> </ul>	<p>4,300 SF to &lt;3 acres inland waterway and/or wetland fill and associated secondary impacts (e.g., areas drained, flooded, cleared or excavated). Fill area includes all temporary and permanent fill, and excavation discharges (except for incidental fallback). Swamp mats filling any area ≥4,300 SF are reviewed in Category 2. (See GC 18, Page 11.)</p> <p><u>Includes:</u> In-stream work, including crossings (other than spanned crossing as described in Category 1) with any discharge of fill below ordinary high water in perennial waterways designated as EFH for Atlantic salmon. Time of year restrictions determined case-by-case.</p> <p>Projects with proactive restoration as a primary purpose with impacts of any area ≥4,300 SF. The Corps, in consultation with State &amp; Federal agencies, must determine that net adverse effects are not more than minimal.</p> <p>Specific activities with impacts of any area ≥4,300 SF required to affect the containment, stabilization, or removal of hazardous or toxic waste materials that are performed, ordered, or sponsored by a government agency with established legal or regulatory authority. Wetlands must be restored in place.</p>	<p>≥3 acres inland waterway and/or wetland fill and secondary impacts (e.g., areas drained, flooded, cleared or excavated). Fill area includes all temporary and permanent fill, and excavation discharges (except for incidental fallback).<sup>5</sup></p> <p>EIS required by the Corps.</p> <p>In-stream work exceeding Category 2 limits.</p>
<p>Maine PGP</p>		<p align="center">1</p>	<p align="right">October 11, 2005</p>

	CATEGORY 1	CATEGORY 2	INDIVIDUAL PERMIT
	<ul style="list-style-type: none"> <li>• Work in waters designated as EFH for Atlantic salmon (see GC 11, Page 9), unless the waterway is crossed with a span and footprints of the span abutments are outside ordinary high water with no more than 4,300 SF of associated wetland impact.</li> <li>• Work in Special Inland Waters or Wetlands<sup>3</sup> (vernal pools).</li> <li>• Work in special aquatic sites (SAS)<sup>4</sup> other than wetlands.</li> <li>• Work within ¼ mile of a Wild and Scenic River (see GC 12, Page 9).</li> <li>• Work on National Lands (see GC 9, Pg. 9).</li> <li>• Work affecting threatened or endangered species (see GC 10, Page 9) or EFH salmon migration (see GC 11, Page 9).</li> </ul>		
<b>(b) BANK STABILIZATION PROJECTS</b>	<p>Inland bank stabilization &lt;100 FT long and &lt;1 CY of fill per linear foot below OHW.</p> <p><u>Provided:</u></p> <ul style="list-style-type: none"> <li>• In-stream work limited to Jul 15 - Oct 1.</li> <li>• No work in special inland waters &amp; wetlands<sup>3</sup> and SAS<sup>4</sup>.</li> <li>• No open trench excavation in flowing waters (see GC 22, Page 12).</li> <li>• No structures angled steeper than 3H:1V allowed. Only rough-faced stone or fiber roll revetments allowed.</li> <li>• No work affects threatened or endangered species (see GC 10, Page 9) or EFH (see GC 11, Page 9).</li> </ul>	Inland bank stabilization ≥100 FT long and/or ≥1 CY of fill per linear foot, or any amount with fill in wetlands.	
<b>(c) REPAIR AND MAINTENANCE OF AUTHORIZED FILLS</b>	<p>Repair or maintenance of existing, currently serviceable, authorized fills with no substantial expansion or change in use.</p> <p>*Conditions of the original authorization apply, however minor deviations in fill design allowed.<sup>6</sup></p>	Replacement of non-serviceable fills, or repair/maintenance of serviceable fill, with expansion <3 acres, or with a change in use.	Replacement of non-serviceable fill, or repair/maintenance of serviceable fill, with expansion ≥1 acre.

<b>II. NAVIGABLE WATERS</b>	<b>Navigable Waters of the United States:</b> Waters that are subject to the ebb and flow of the tide and Federally designated navigable rivers (the Penobscot River, Kennebec River, and Lake Umbagog) (Section 10 Rivers and Harbors Act of 1899). The jurisdictional limits are the mean high water (MHW) line in tidal waters and the ordinary high water (OHW) mark in non-tidal portions of the Federally designated navigable rivers. For the purposes of this PGP, fill placed in the area between the mean high water (MHW) and the high tide line (HTL), and in the bordering and contiguous wetlands <sup>1</sup> to tidal waters are also reviewed in this Navigable Waters section.		
	<b>CATEGORY 1</b>	<b>CATEGORY 2</b>	<b>INDIVIDUAL PERMIT</b>
(a) FILL	Discharges of dredged or fill material incidental to the construction of bridges across navigable waters of the United States, including cofferdams, abutments, foundation seals, piers, and temporary construction and access fills provided the U.S. Coast Guard authorizes such discharges as part of the bridge permit. Causeways and approach fills are not included in this category and require Category 2 or Individual Permit authorization.	<p>&lt;1 acre fill and/or secondary waterway impacts (e.g., areas drained, flooded or cleared). Fill includes temporary and permanent waterway fill.</p> <p>Temporary fill or excavation &lt;1 acre in SAS<sup>4</sup>.</p> <p>Permanent fill or excavation &lt;1,000 SF in SAS<sup>4</sup>.</p> <p>Permanent fill and/or excavation ≥1,000 SF in SAS<sup>5</sup> when associated with a project with proactive restoration as a primary purpose. The Corps, in consultation with Federal &amp; state agencies, must determine that net adverse effects are not more than minimal.</p> <p>Specific activities with impacts of any area required to affect the containment, stabilization, or removal of hazardous or toxic waste materials that are performed, ordered, or sponsored by a government agency with established legal or regulatory authority. Wetlands must be restored in place.</p>	<p>≥1 acre waterway fill and/or secondary waterways or wetland impacts (e.g., areas drained, flooded or cleared). Fill includes temporary and permanent waterway fill.</p> <p>Temporary fill or excavation ≥1 acre in SAS<sup>4</sup>.</p> <p>Permanent fill or excavation ≥1,000 SF in SAS<sup>4</sup> other than as specified in Cat. 2</p> <p>EIS required by the Corps.</p>
(b) REPAIR AND MAINTENANCE WORK	Repair or maintenance of existing, currently serviceable, authorized structure or fill with no substantial expansion or change in use. *Conditions of the original authorization apply. Must be rebuilt in same footprint, however minor deviations in structure design allowed <sup>6</sup>	Replacement of non-serviceable structures and fills or repair/maintenance of serviceable structures or fills, with fill, replacement or expansion <1 acre, or with a change in use.	Replacement of non-serviceable structures and fills or repair/maintenance of serviceable structures or fill, with replacement or expansion ≥1 acre.

	<b>CATEGORY 1</b>	<b>CATEGORY 2</b>	<b>INDIVIDUAL PERMIT</b>
(c) DREDGING AND ASSOCIATED DISPOSAL	<p>Maintenance dredging for navigational purposes &lt;1,000 cy with upland disposal. Includes return water from upland contained disposal area.</p> <p><u>Provided:</u></p> <ul style="list-style-type: none"> <li>• Proper siltation controls are used.</li> <li>• Dredging &amp; disposal operation limited to November 1 - January 15.</li> <li>• No impact to special aquatic sites<sup>4</sup>.</li> <li>• No dredging in intertidal areas.</li> <li>• No work affects threatened or endangered species (see GC 10, Page 9) or EFH salmon migration (see GC 11, Page 9).</li> </ul>	<p>Maintenance dredging ≥1,000 CY, new dredging &lt;25,000 CY, or projects not meeting Category 1. Includes return water from upland contained disposal areas.</p> <p><u>Provided:</u></p> <ul style="list-style-type: none"> <li>• Disposal includes 1) upland, 2) beach nourishment (above MHW) of any area provided dredging's primary purpose is navigation or sand is from an upland source and Corps, in consultation w/Federal and State agencies, determines the net adverse effects are not more than minimal; and 3) open water &amp; confined aquatic disposal, if Corps, in consultation with Federal and State agencies, finds the material suitable.</li> </ul>	<p>Maintenance dredging and/or disposal (any amount) in or affecting a SAS<sup>4</sup>. See II(a) above for dredge disposal in wetlands or waters.</p> <p>New dredging ≥25,000 CY, or any amount in or affecting SAS<sup>4</sup>.</p> <p>Beach nourishment associated with dredging when the primary purpose is not navigation (i.e., aggregate/sand mining) or the material is from an upland source.</p>
(d) MOORINGS	<p>Private, non-commercial, non-rental, single-boat moorings authorized by the local harbormaster.</p> <p><u>Provided:</u></p> <ul style="list-style-type: none"> <li>• Not associated with any boating facility<sup>7</sup></li> <li>• Not located in a Federal Navigation Project other than a Federal Anchorage. Moorings in Federal Anchorage not associated with a boating facility<sup>7</sup>.</li> <li>• No interference with navigation</li> <li>• Not located in vegetated shallows<sup>8</sup></li> <li>• Within ¼ mile of the owner's residence or a public access point.<sup>9</sup></li> </ul> <p>Minor relocation of previously authorized moorings and moored floats consistent with Harbormaster recommendations, provided it is also consistent with local regulations, is not located in vegetated shallows, and does not interfere with navigation.</p>	<p>Moorings associated with a boating facility<sup>7</sup>.</p> <p>Moorings that don't meet the terms in Category 1 and don't require an Individual Permit.</p> <p>Moorings located such that they, and/or vessels docked or moored at them, are within the buffer zone of the horizontal limits<sup>10</sup> of a Corps Federal Channel. (See Appendix B.) The buffer zone is equal to three times the authorized depth of that channel.</p>	<p>Moorings within the horizontal limits<sup>10</sup>, or with moored vessels that extend, into the horizontal limits of a Federal Navigation Project (See App. B), except those in Federal Anchorages under Category 1.</p> <p>Note: Federal Navigation Projects include both Federal Channels and Federal Anchorages.</p>

	<b>CATEGORY 1</b>	<b>CATEGORY 2</b>	<b>INDIVIDUAL PERMIT</b>
(e) STRUCTURES AND FLOATS	<p>Reconfiguration of existing authorized structures or floats.</p> <p><u>Provided:</u></p> <ul style="list-style-type: none"> <li>• Structures not positioned over vegetated shallows<sup>8</sup> or salt marsh.</li> <li>• Floats supported off substrate at low tide.</li> <li>• No dredging, additional slips or expansion.</li> <li>• No work affects threatened or endangered species (see GC 10, Page 9) or EFH salmon migration (see GC 11, Page 9)..</li> </ul>	<p>Private structures or floats, including floatways/skidways, built to access waterway (seasonal and permanent)</p> <p>Expansions to existing boating facilities<sup>7</sup>.</p> <p>Compliance with the following is recommended, but not required:</p> <ul style="list-style-type: none"> <li>• Pile-supported structures &lt;400 SF, with attached floats totaling ≤200 SF.</li> <li>• Bottom anchored floats ≤200 SF.</li> <li>• Structures are ≤4' wide and have at least a 1:1 height:width ratio<sup>11</sup>.</li> <li>• Floats supported above the substrate during all tides.</li> <li>• Structures &amp; floats not located within 25' of any vegetated shallows<sup>8</sup>.</li> <li>• Moored vessels not positioned over SAS<sup>4</sup>.</li> <li>• No structure located within 25' of the riparian property boundary.</li> <li>• No structure extends across &gt;25% of the waterway width at mean low water.</li> <li>• Not located within the buffer zone of the horizontal limits<sup>10</sup> of a Corps Federal Navigation Project (FNP) (See App. B). The buffer zone is equal to three times the authorized depth of that FNP.</li> </ul>	<p>Structures or floats, including floatways/skidways, located such that they and/or vessels docked or moored at them are within the horizontal limits of a Corps Federal Navigation Project (see App. B).</p> <p>Structures and floats associated with a new or previously unauthorized boating facility<sup>7</sup>.</p> <p>Note: Federal Navigation Projects include both Federal Channels and Federal Anchorages.</p>
(f) MISCELLANEOUS	<p>Temporary buoys, markers, floats, etc. for recreational use during specific events, provided they are removed within 30 days after use is discontinued.</p> <p>The placement of aids to navigation and regulatory markers which are approved by and installed in accordance with the requirements of the U.S. Coast Guard. (See 33 CFR part 66, Chapter I, subchapter C)."</p>	<p>Structures or work in or affecting tidal or navigable waters, that are not defined under any of the previous headings listed above. Includes, but is not limited to, utility lines, aerial transmission lines, pipelines, outfalls, boat ramps, floatways/skidways, bridges, tunnels and horizontal directional drilling activities seaward of the MHW line.</p>	<p>EIS required by the Corps.</p> <p>Shellfish/finfish (other than Atlantic salmon), or other aquaculture facilities with more than minimal individual and cumulative impacts to environmental resources or navigation. A 25' eelgrass set back is recommended.</p>

	<p>Oil spill clean-up temporary structures or fill. Fish/wildlife harvesting structures/fill (as defined by 33 CFR 330, App. A-4)</p> <p>Scientific measurement devices and survey activities such as exploratory drilling, surveying and sampling activities. Does not include oil and gas exploration and fill for roads or construction pads.</p> <p>Shellfish seeding (brushing the flats<sup>12</sup>) projects.</p> <p>Provided:</p> <ul style="list-style-type: none"> <li>• No work in National Wildlife Refuges.</li> <li>• No work affects threatened or endangered species (see GC 10, Page 9) or EFH salmon migration (see GC 11, Page 9).</li> </ul>	<p>Shellfish/finfish (other than Atlantic salmon), or other aquaculture facilities with no more than minimal individual and cumulative impacts to environmental resources or navigation. A 25' eelgrass set back is recommended. Aquaculture guidelines are provided at: <a href="http://www.maine.gov/dmr/aquaculture/index.htm">www.maine.gov/dmr/aquaculture/index.htm</a>.</p>	<p>Aquaculture guidelines are provided at: <a href="http://www.maine.gov/dmr/aquaculture/index.htm">www.maine.gov/dmr/aquaculture/index.htm</a>.</p>
--	---	--	--

<sup>1</sup> **Bordering and Contiguous Wetlands:** A bordering wetland is immediately next to its adjacent waterbody and may lie at, or below, the ordinary highwater mark (MHW in navigable waters) of that waterbody and is directly influenced by its hydrologic regime. Contiguous wetlands extend landward from their adjacent waterbody to a point where a natural or manmade discontinuity exists. Contiguous wetlands include bordering wetlands as well as wetlands that are situated immediately above the ordinary highwater mark and above the normal hydrologic influence of their adjacent waterbody. Note, with respect to the Federally designated navigable rivers, the wetlands bordering and contiguous to the tidally influenced portions of those rivers are reviewed under "II. Navigable Waters."

<sup>2</sup> **Water Diversions:** Water diversions are activities such as bypass pumping or water withdrawals. Temporary flume pipes, culverts or cofferdams where normal flows are maintained within the stream boundary's confines aren't water diversions. "Normal flows" are defined as no change in flow from pre-project conditions.

<sup>3</sup> **Special Inland Waters and Wetlands:** Vernal Pools - Temporary to permanent bodies of water occurring in shallow depressions that fill during the spring and fall and may dry during the summer. Vernal pools have no permanent or viable populations of predatory fish. Vernal pools provide the primary breeding habitat for wood frogs, spotted salamanders, blue-spotted salamanders, and fairy shrimp, and provide habitat for other wildlife including several endangered and threatened species.

<sup>4</sup> **Special Aquatic Sites:** Includes wetlands and saltmarsh, mudflats, riffles and pools, and vegetated shallows.

<sup>5</sup> **IP Required:** The greater the impacts, the more likely an Individual Permit will be required. The Corps will determine the need for compensatory mitigation on a case-by-case basis.

<sup>6</sup> **Maintenance:** Minor deviations in the structure's configuration or filled area, including those due to changes in materials, construction techniques, or current construction codes or safety standards, which are necessary to make repair, rehabilitation, or replacement are permitted, provided the adverse environmental effects resulting from such repair, rehabilitation or replacement are minimal. No seaward expansion for bulkheads or any other fill activity is considered Category 1 maintenance. Currently serviceable means useable as is or with some maintenance, but not so degraded as to essentially require reconstruction.

<sup>7</sup> **Boating Facilities:** Facilities that provide, rent, or sell mooring space, such as marinas, yacht clubs, boat clubs, boat yards, town facilities, dockominiums, etc.

<sup>8</sup> **Vegetated Shallows:** Subtidal areas that support rooted aquatic vegetation such as eelgrass

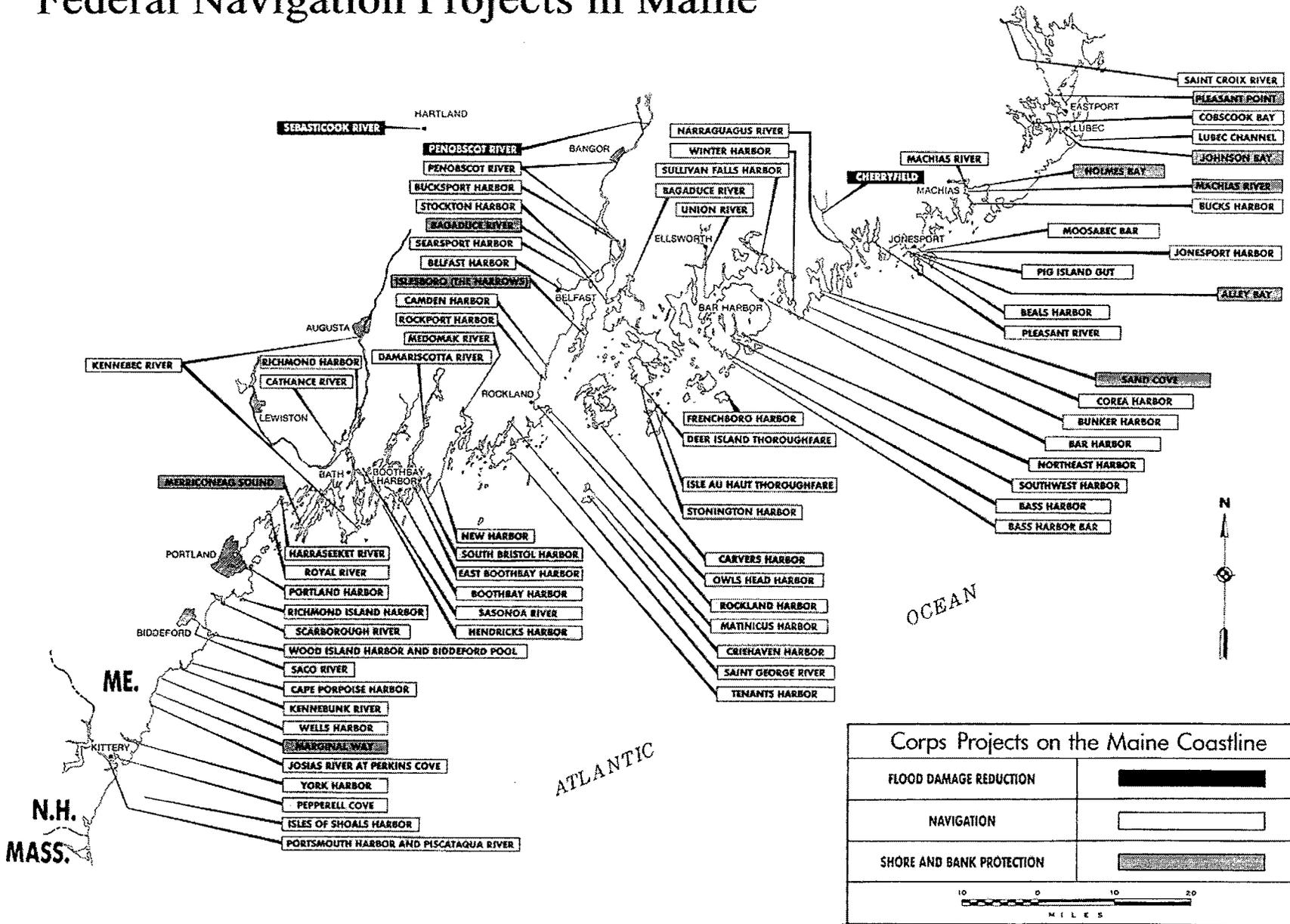
<sup>9</sup> **Mooring Location:** Cannot be at a remote location to create a convenient transient anchorage.

<sup>10</sup> **Horizontal Limits:** The outer edge of a Federal Navigation Project (FNP). Contact the Corps of Engineers for information on FNP's.

<sup>11</sup> **Structures:** The height of structures shall at all points be equal to or exceed the width of the deck. For the purpose of this definition, height shall be measured from the marsh substrate to the bottom of the longitudinal support beam.

<sup>12</sup> **Brushing the Flats:** The placement of tree boughs, wooden lath structure, or small-mesh fencing on mudflats to enhance recruitment of soft-shell clams (*Mya arenaria*).

# Federal Navigation Projects in Maine



Date: 1/13/2009

Username: jeff.folsom

Division: BRIDGE

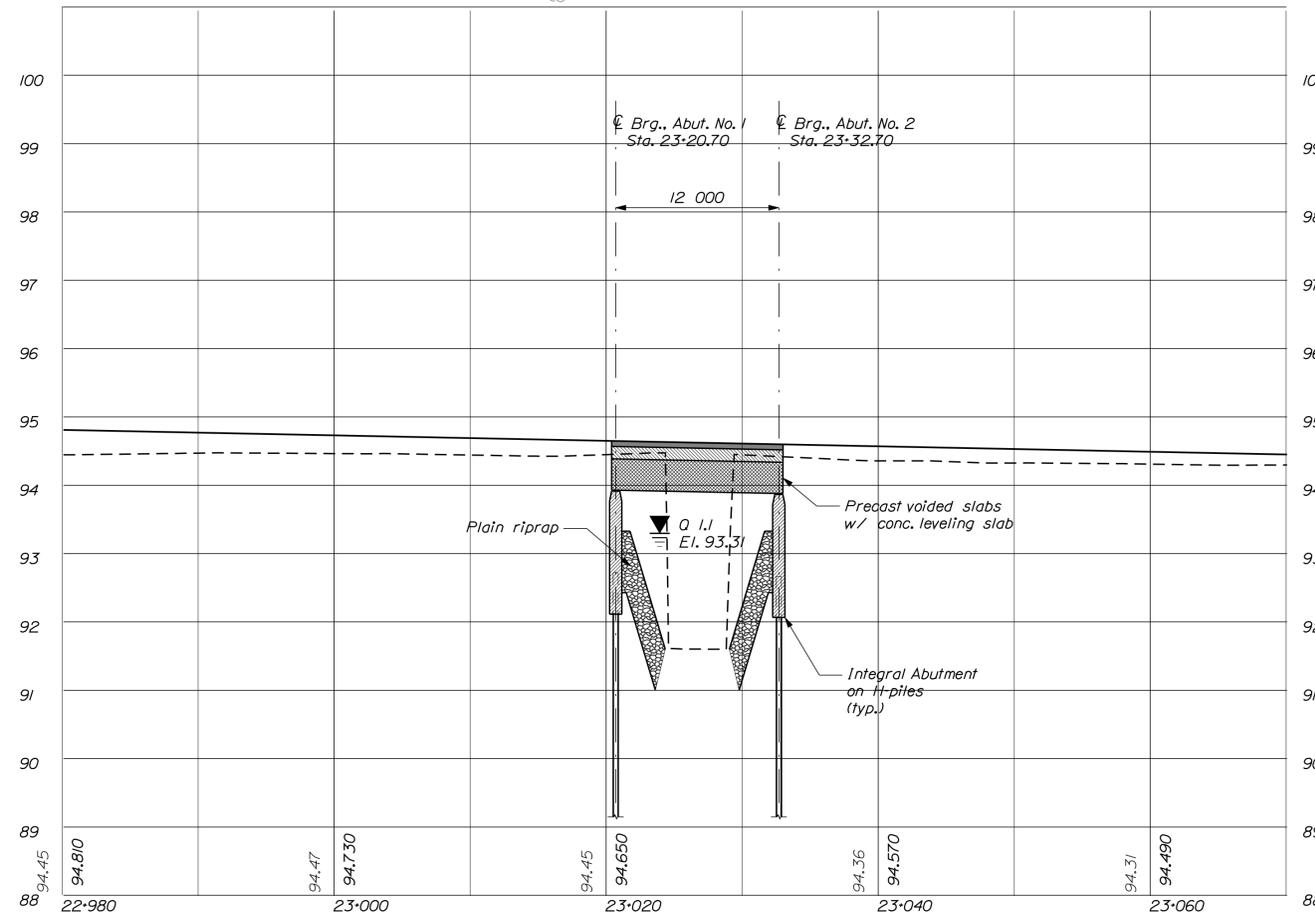
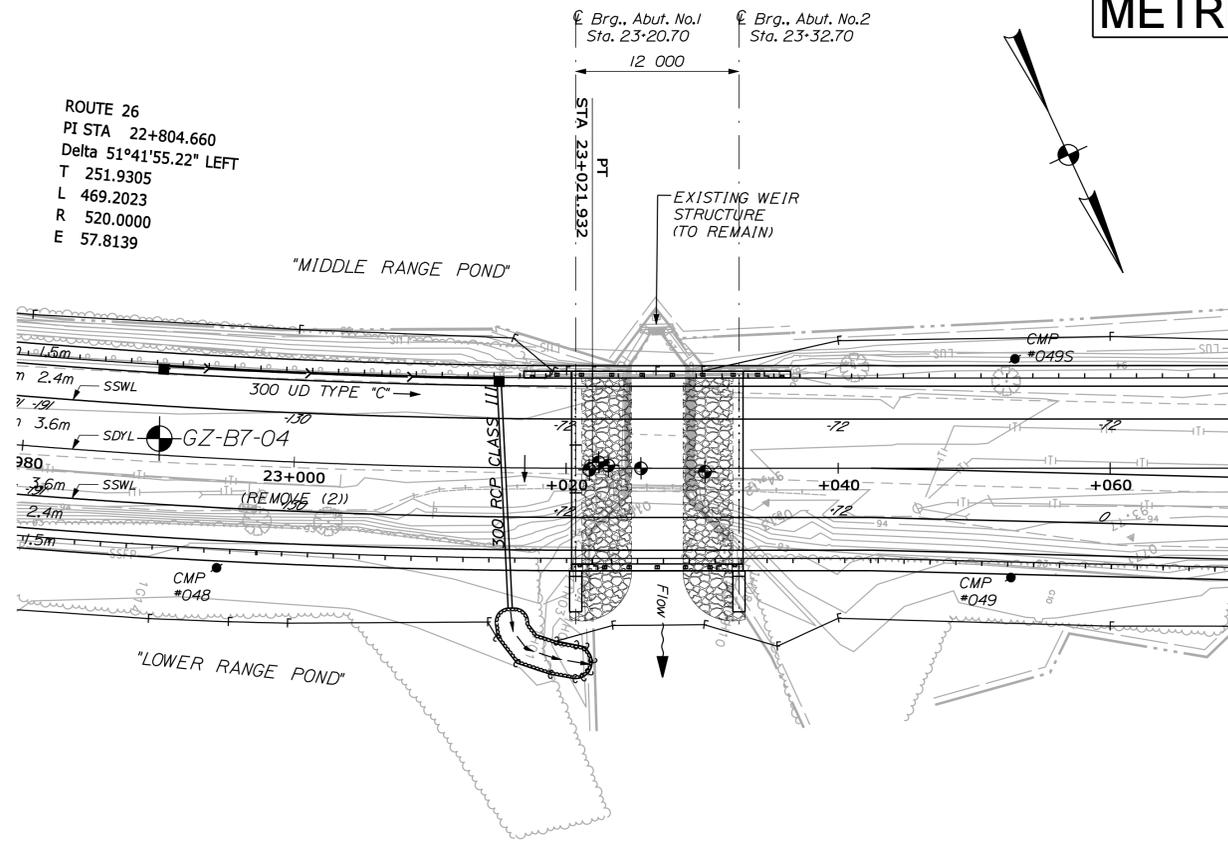
Filename: ... \msta\245\_Plan&Profile.dgn

PROJECT DESIGN ENGINEER	BY	DATE
J. FOLSOM	A. MADEAU	DEC 2008
DESIGN-DETAILED	CHECKED	REVISIONS
PLANS	FIELD CHANGES	

**METRIC**

- All dimensions are in millimeters unless otherwise noted.
- All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	10014.00	245	251



BRIDGE NO. 2550

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**BRIDGE STRUCTURE  
ALTERNATE #2**

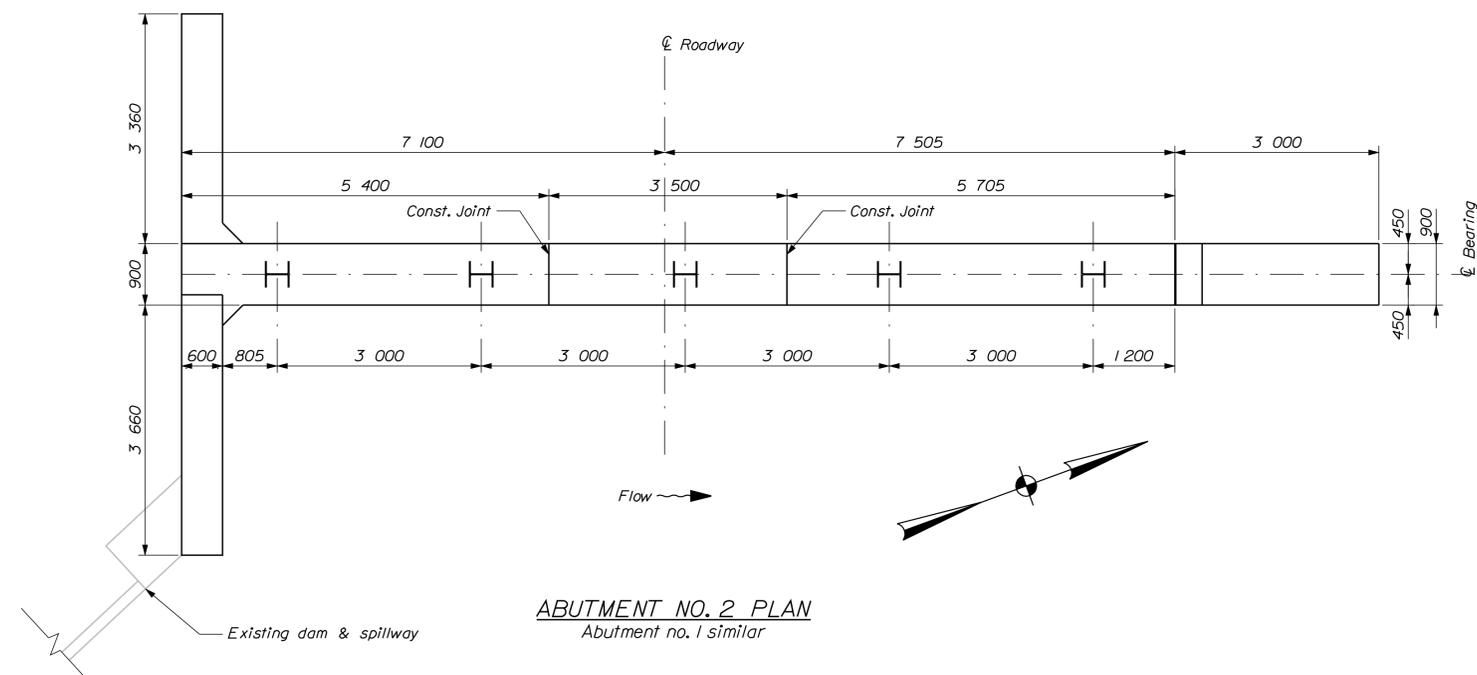
MIDDLE RANGE  
OVER  
POND OUTLET  
IN THE TOWN OF  
POLAND  
ANDROSCOGGIN COUNTY

**PLAN & PROFILE**

METRIC

1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	10014.00	246	251



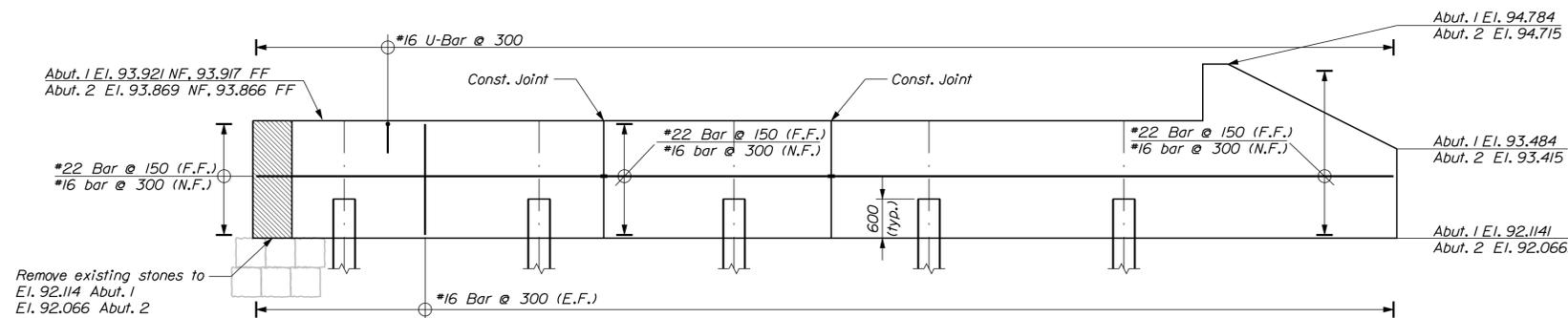
ABUTMENT NO. 2 PLAN  
Abutment no. 1 similar

ABUTMENT NOTES

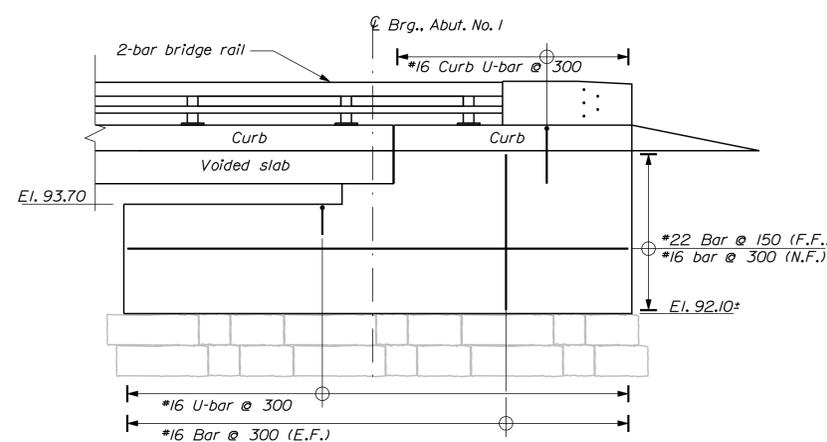
1. Reinforcing steel shall have 50 mm cover in the walls and 75 mm cover in the footings unless otherwise noted.
2. Cover joints in accordance with Standard Detail 502(01) where waterstops are not required.
3. Place 100 mm diameter drains in breastwall and wings at 3 000 mm maximum spacing. Exact location to be determined by the Resident.
4. Construct French drains behind the abutments and wings in accordance with Standard Specification Section 512, French Drains.
5. Abutments and wings shall be backfilled with granular borrow. Pay limits will be the structural excavation limits in cut areas and a vertical plane located 3 m behind the walls in fill areas.
6. Excavate a 600 mm diameter by 300 mm deep hole around the centroid of each pile. The depth is measured from the bottom of abutment elevation. Fill the hole with abutment concrete. Payment will be incidental to related Contract items.
7. The Contractor shall install vertical type "H" Transition Barrier reinforcing steel prior to the placement of the curb or sidewalk concrete. Reference section 526 of the Standard Details for more information.
8. Protective coating for concrete surfaces shall be applied to all exposed surfaces of the abutments.

PILE NOTES

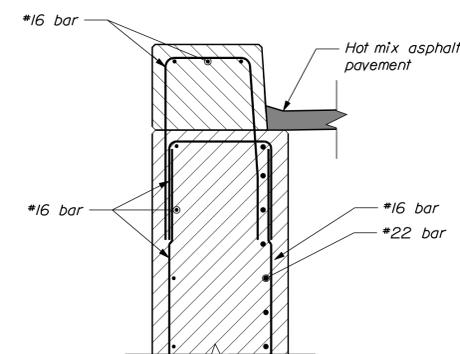
1. Form a 30 mm V-groove on the fascias at the horizontal joint between the curb and slab.
2. Reinforcing steel shall have a minimum cover of 50 mm unless otherwise noted.
3. The Contractor shall install vertical type "H" Transition Barrier reinforcing steel prior to the placement of the curb or sidewalk concrete. Reference section 526 of the Standard Details for more information. Maximum factored pile loads is 1334 kN.
4. Estimate of piles required:  
 \* Abutment No. 1: 5 ~ HP 360 x 108 @ 33 m  
 \* Abutment No. 2: 5 ~ HP 360 x 108 @ 33 m
5. Piles shall not be out of position by more than 2 inches in any direction.
6. The Contractor shall perform and submit a wave equation analysis for review and acceptance by the Resident. The maximum allowable driving stress is 0.90 times F<sub>y</sub>. The submittal analyses shall include the proposed stopping criteria based on the wave equation analysis and the proposed driving system. The stopping criteria shall include the blows per inch and the number of 1 inch driving intervals at which pile installation may be terminated. The stopping criteria shall be approved by the Resident. The cost of performing the wave equation analysis shall be considered incidental to Pay Item 501.92 - Pile Driving Equipment Mobilization.
7. The Contractor shall perform two (2) dynamic load tests, one (1) at each abutment location, to confirm the ultimate capacity of the piles. The required nominal resistance for the pile is the factored axial pile load divided by a resistance factor of 0.65 per LRFD Specifications. The tests will be performed on the first production pile driven at each abutment.
8. Piles shall be driven to sound bedrock in accordance with Standard Specification 501.
9. All piles shall be equipped with a pile tip in accordance with Standard Specification Section 501.10.
10. All pile splices shall be the Champion HP-30000 mechanical splicer, or approved equal.
11. H-pile material shall be ASTM A 572 Grade 50.



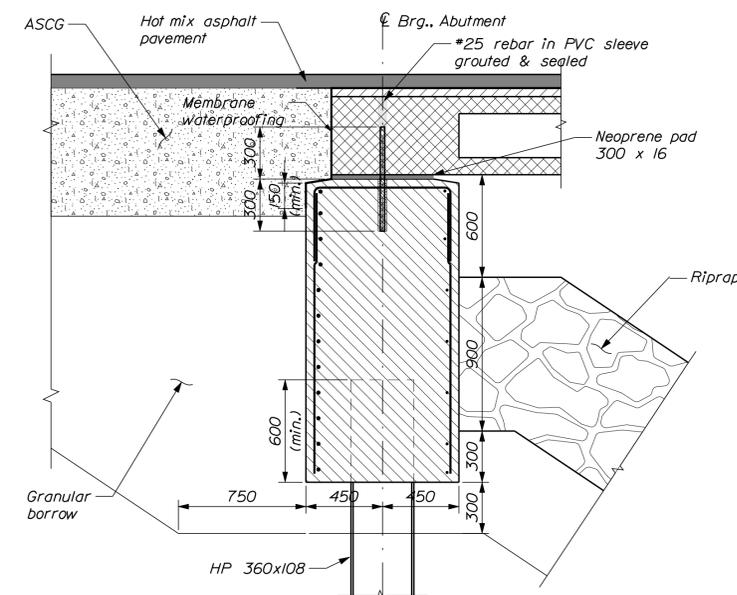
ABUTMENT NO. 2 ELEVATION  
Abutment no. 1 similar



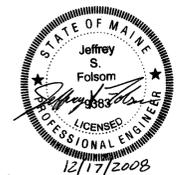
ABUTMENT NO. 1 RETAINING WALL  
Abutment no. 2 similar



SECTION OF RETAINING WALL & CURB



ABUTMENT SECTION  
(typical)



BRIDGE NO. 2550

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
**BRIDGE STRUCTURE  
 ALTERNATE #2**  
 MIDDLE RANGE  
 OVER  
 POND OUTLET  
 IN THE TOWN OF  
 POLAND  
 ANDROSCOGGIN COUNTY  
**ABUTMENTS**

Date: 1/13/2009

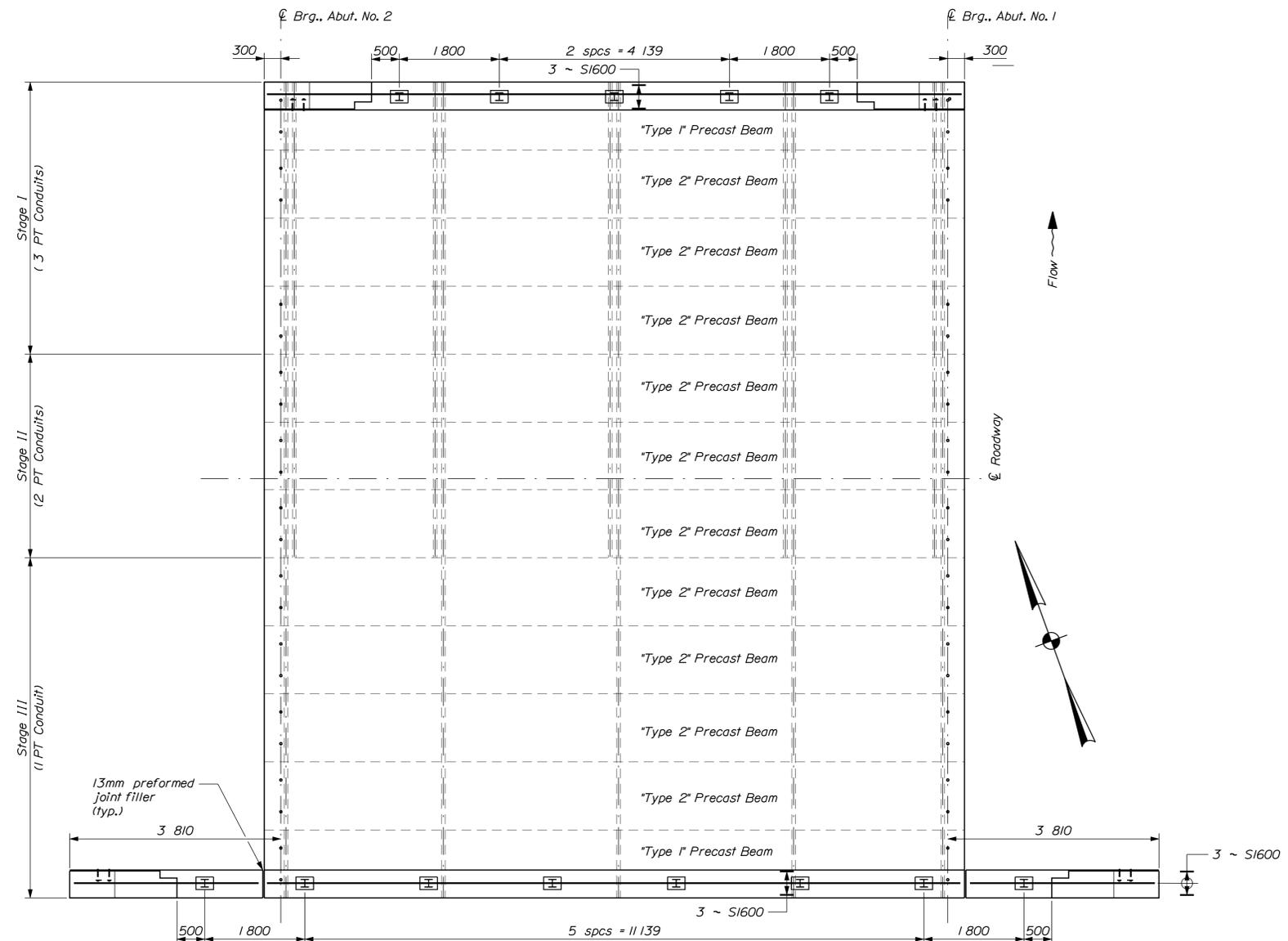
Username: jeff.folsom

Division: BRIDGE

Filename: ... \bridge\msta\246\_Abutment.dgn

PROJECT DESIGN ENGINEER	BY	DATE
J. FOLSOM	A. MADEAU	DEC 2008
DESIGN-DETAILED		
CHECKED		
REVISIONS		
FIELD CHANGES		

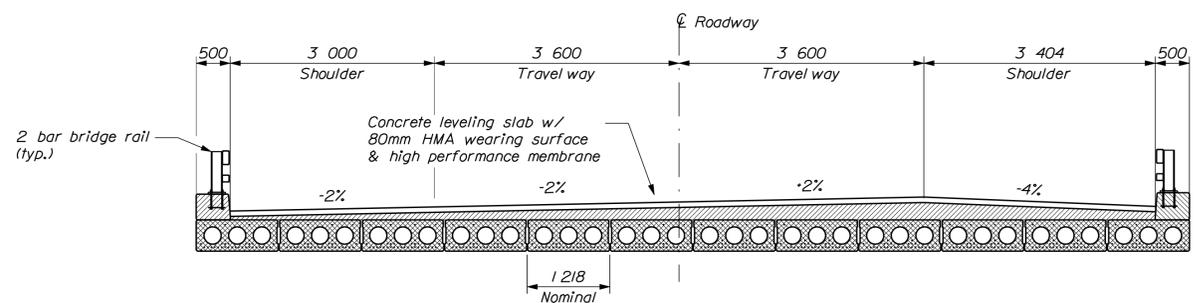
PLANS



**SUPERSTRUCTURE NOTES**

1. Form a 30 mm V-groove on the fascias at the horizontal joint between the curb and slab.
2. Reinforcing steel shall have a minimum cover of 50 mm unless otherwise noted.
3. The Contractor shall install vertical type "H" Transition Barrier reinforcing steel prior to the placement of the curb or sidewalk concrete. Reference section 526 of the Standard Details for more information.

**SUPERSTRUCTURE PLAN**



**PROPOSED BRIDGE SECTION**

Date: 1/13/2009

Username: jeff.folsom

Division: BRIDGE

Filename: ... \msta\247\_Superstructure.dgn

PROJECT DESIGN ENGINEER	BY	DATE
J. FOLSOM	A. MADEAU	DEC 2008
DESIGN-DETAILED		
CHECKED		
REVISIONS		
FIELD CHANGES		



BRIDGE NO. 2550

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
**BRIDGE STRUCTURE  
ALTERNATE #2**  
MIDDLE RANGE  
OVER  
POND OUTLET  
IN THE TOWN OF  
POLAND  
ANDROSCOGGIN COUNTY  
**SUPERSTRUCTURE**

METRIC

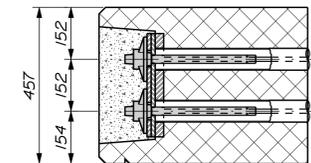
1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE		248	251

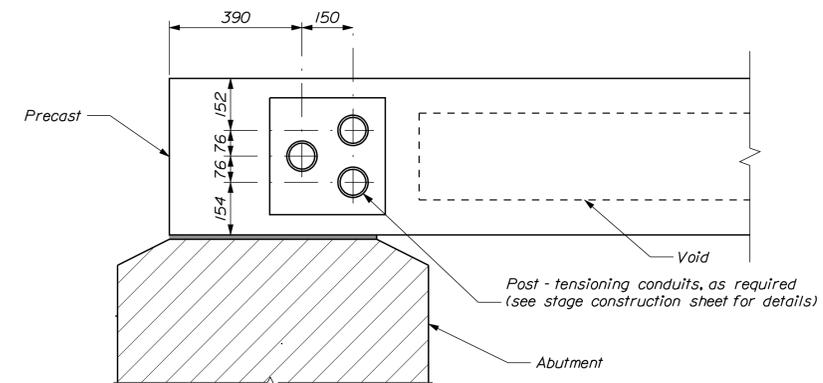
10014.00

PRECAST CONCRETE SUPERSTRUCTURE NOTES

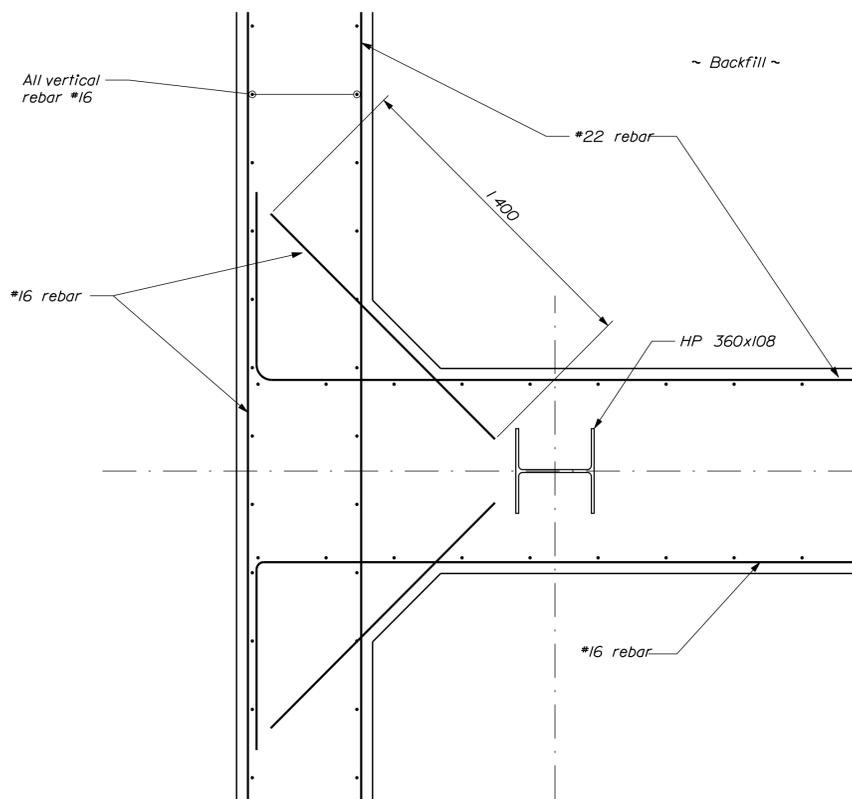
- Note for Metric 15 mm diameter strand:  
Prestressing strands shall be 15 mm diameter. The tensioning force is 195 kN per prestressing strand.
- The top surface of the upper flange of the prestressed beams shall be raked to a surface roughness of ±6 mm, except at locations corresponding to the blocking points. At these locations a flattened area of sufficient size shall be left to facilitate taking elevations for setting bottom of slab elevations.
- The drilling of holes in the prestressed beams and the use of power actuated tools on the beams will not be permitted.
- Neoprene pads shall be either polychloroprene or natural polyisoprene of 50±5 Shore A durometer hardness, and shall conform to the requirements of Division 2, Section 18.2 of AASHTO Standard Specifications for Highway Bridges. Neoprene pads will not be paid for directly, but will be considered incidental to related Contract items.
- Install a 25 mm diameter nonmetallic void drain in the bottom of each void at both ends.
- Reinforcing steel shall have 50 mm minimum cover unless otherwise noted.
- Post Tensioning shall be covered by a seamless polypropylene sheath, with corrosion inhibiting grease between the strands and sheath, for the full length of the strand except at the anchorage location.
- The Contractor shall calibrate the jacking equipment as necessary to provide an anchorage of 169 to 182 kN after setting losses in each 15 mm diameter post tensioning strand.



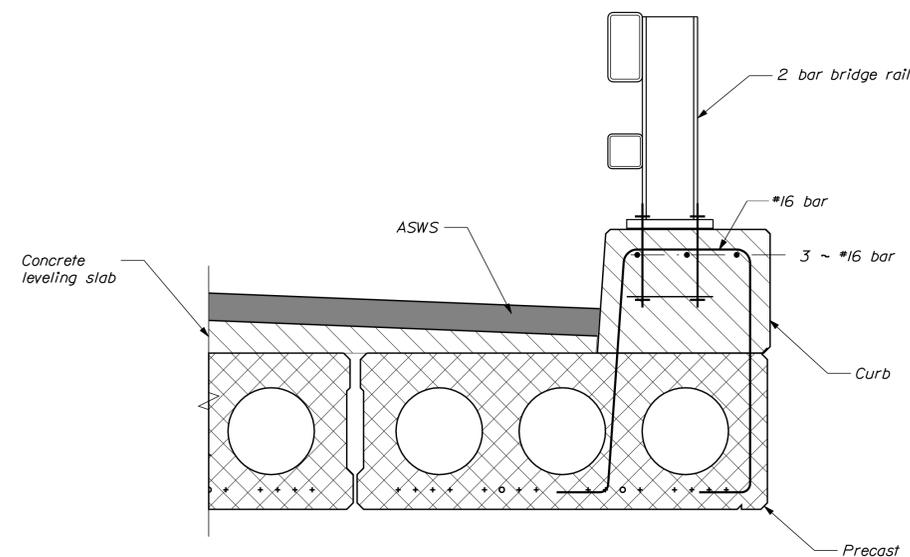
DOUBLE POST - TENSIONING ANCHORAGE



POST - TENSIONING LONGITUDINAL ELEVATION



ABUTMENT/RETAINING WALL REINFORCING



CURB DETAIL  
Stirrups not shown



BRIDGE NO. 2550

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
**BRIDGE STRUCTURE  
ALTERNATE #2**  
MIDDLE RANGE  
OVER  
POND OUTLET  
IN THE TOWN OF  
POLAND  
ANDROSCOGGIN COUNTY  
**DETAILS**

Date: 1/13/2009

Username: Jeff.Folsom

Division: BRIDGE

Filename: ... \248\_Superstructure\_Details.dgn

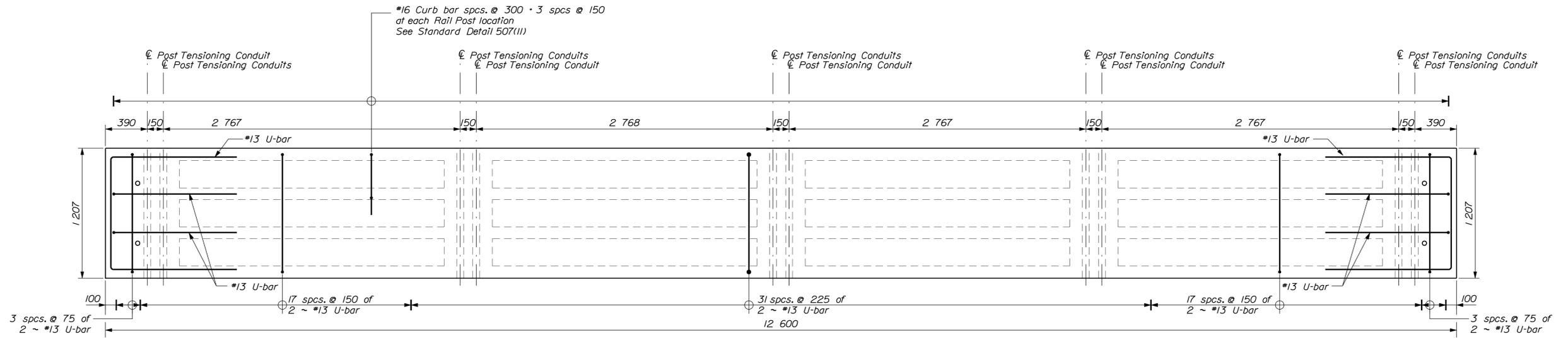
PROJECT DESIGN ENGINEER	BY	DATE
J. FOLSOM	A. MADEAU	DEC 2008
DESIGN-DETAILED		
CHECKED		
REVISIONS		
FIELD CHANGES		

**PLANS**

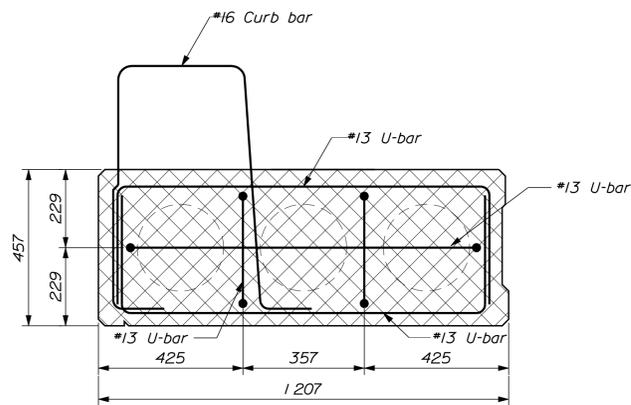
**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
 2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE		249	251

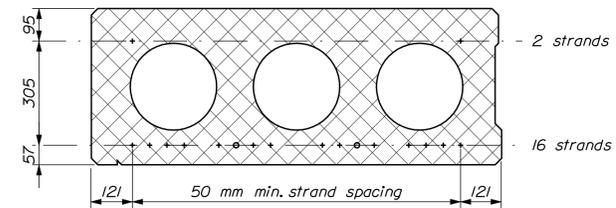
10014.00



"TYPE I" PRECAST SLAB PLAN  
 Strands Omitted For Clarity



"TYPE I" PRECAST SLAB REINFORCEMENT  
 LOC. @ ABUT. END  
 Strands Omitted For Clarity



"TYPE I" PRECAST SLAB REINFORCEMENT  
 (typical)

+ Fully bonded  
 o Debonded 1.8m

Date: 1/13/2009

Username: jeff.folsom

Division: BRIDGE

Filename: ...msta\249\_Precast\_Beam\_1.dgn

PROJECT DESIGN ENGINEER	BY	DATE
J. FOLSOM	A. MADEAU	DEC 2008
CHECKED		
REVISIONS		
FIELD CHANGES		

PLANS

BRIDGE NO. 2550

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

BRIDGE STRUCTURE  
 ALTERNATE #2

MIDDLE RANGE  
 OVER  
 POND OUTLET  
 IN THE TOWN OF

POLAND  
 ANDROSCOGGIN COUNTY

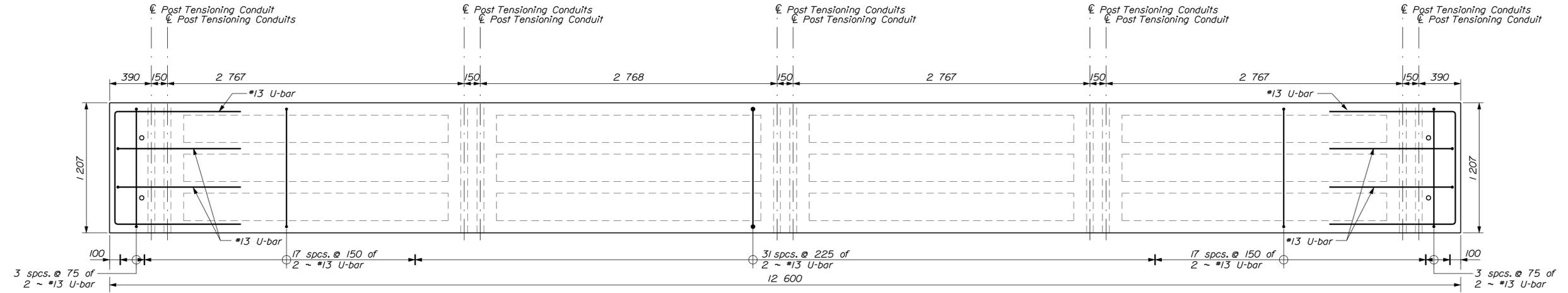
PRECAST BEAM 1



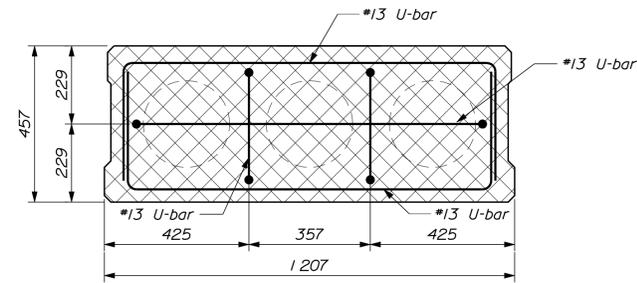
**METRIC** 1. All dimensions are in millimeters unless otherwise noted.  
 2. All elevations and stations are in meters.

FHWA REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE		250	251

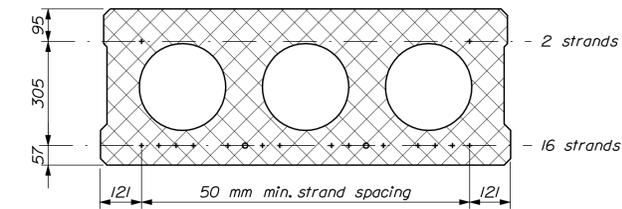
10014.00



**"TYPE 2" PRECAST SLAB PLAN**  
*Strands Omitted For Clarity*



**"TYPE 2" PRECAST SLAB REINFORCEMENT**  
**LOC. @ ABUT. END**  
*Strands Omitted For Clarity*



**"TYPE 2" PRECAST SLAB REINFORCEMENT**  
*(typical)*

+ Fully bonded  
 o Debanded 1.8m

Date: 1/13/2009

Username: jeff.folsom

Division: BRIDGE

Filename: ... \msta\250\_Precast\_Beam\_2.dgn

PROJECT DESIGN ENGINEER	BY	DATE
J. FOLSOM	A. MADEAU	DEC 2008
DESIGN-DETAILED		
CHECKED		
REVISIONS		
FIELD CHANGES		

PLANS



BRIDGE NO. 2550

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION

**BRIDGE STRUCTURE  
 ALTERNATE #2**

MIDDLE RANGE  
 OVER  
 POND OUTLET  
 IN THE TOWN OF  
 POLAND  
 ANDROSCOGGIN COUNTY

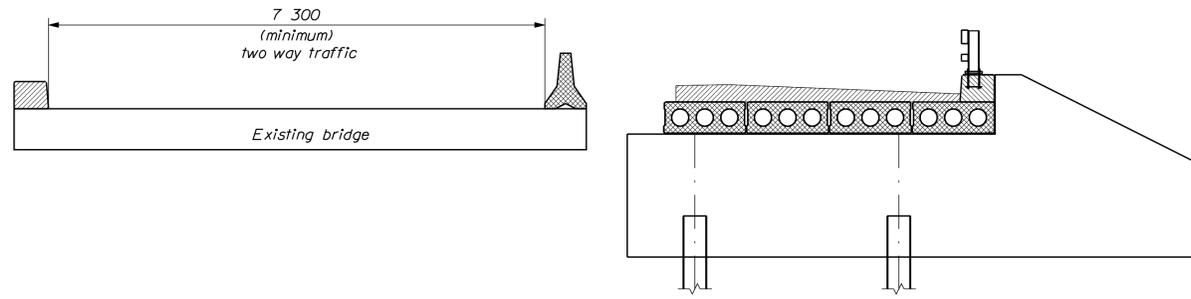
**PRECAST BEAM 2**

METRIC

1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	10014.00	251	251

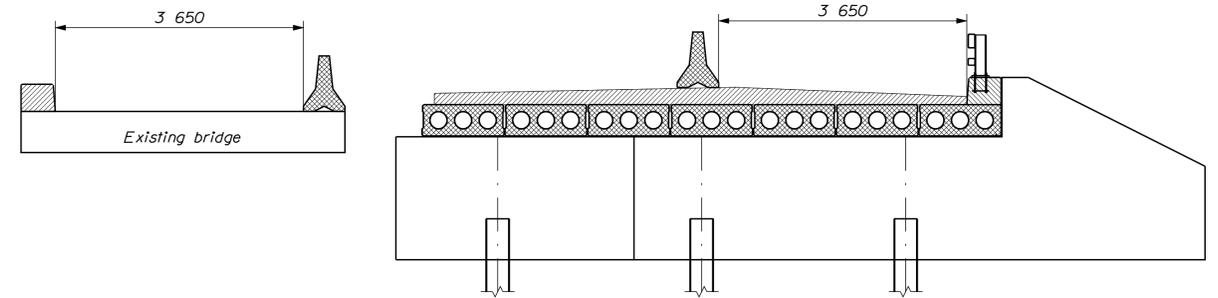
10014.00



Stage I beams require three post-tensioning ducts per diaphragm

Maintain two way traffic on existing bridge.

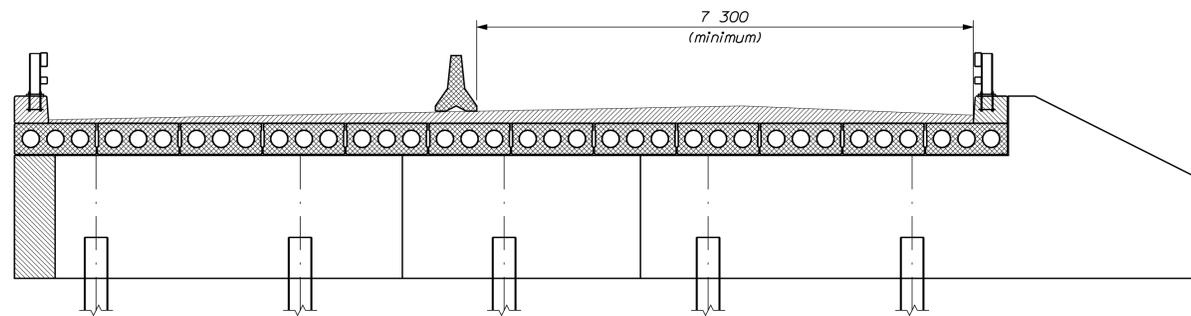
STAGE I  
Abut. 2 shown



Stage II beams require two post-tensioning ducts per diaphragm

Maintain two-way traffic 6:00am-6:30pm  
Contractor may use alternating one-way traffic 6:30pm-6:00am

STAGE II  
Abut. 2 shown



Stage III beams require one post-tensioning duct per diaphragm

STAGE III  
Abut. 2 shown

Date: 1/13/2009

Username: jeff.folsom

Division: BRIDGE

Filename: ... \MSTA\251\_StageConstr.dgn

PROJECT DESIGN ENGINEER	BY	DATE
J. FOLSOM	A. MADEAU	DEC 2008
CHECKED		
REVISIONS		
FIELD CHANGES		

PLANS



BRIDGE NO. 2550

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

**BRIDGE STRUCTURE  
ALTERNATE #2**

MIDDLE RANGE  
OVER  
POND OUTLET  
IN THE TOWN OF  
POLAND  
ANDROSCOGGIN COUNTY

**STAGE CONSTRUCTION**

SHEET 251 OF 251      AUGUSTA, MAINE