FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	RI	STP-RESF(413), STPG-HSIP(074)	2019	01	68

STATE OF RHODE ISLAND

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED

PELL BRIDGE RAMPS - PHASE I

IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY

NEWPORT/MIDDLETOWN, RHODE ISLAND
NEWPORT COUNTY

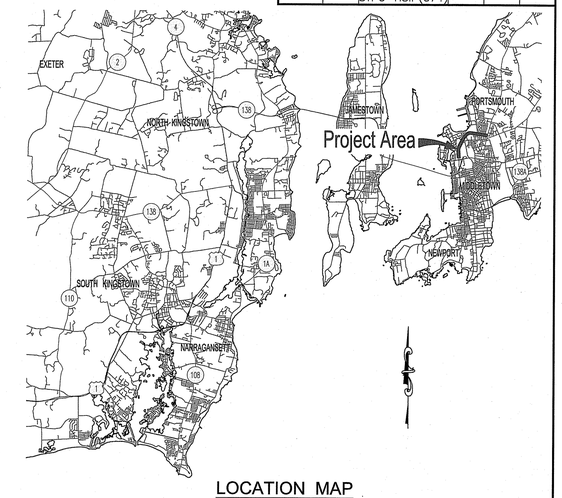
R.I. CONTRACT NO. 2019-CH-033 F.A. PROJECT NO. STP-RESF(413), STPG-HSIP(074)

1.37 MILES

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

INDEX OF DRAWINGS

SHEET No.	DESCRIPTION
1	COVER SHEET
2	STANDARD PLAN SYMBOLS & STANDARD LEGEND
3	STANDARD NOTES - 1
4	STANDARD NOTES - 2
5	JOB SPECIFIC PLAN SYMBOLS, LEGEND, & NOTES
6	TYPICAL SECTIONS
7	KEY PLAN
8 - 21	GENERAL PLAN No.1 TO 14
22 - 35	GRADE PLAN No.1 TO 14
36 - 49	DRAINAGE AND UTILITY PLAN No.1 TO 14
50 - 54	DETAILS No.1 TO 5
55 - 68	LANDSCAPE PLAN No.1 TO 14



DESIGN DESIGNATION

AADT (2019) = 17,500 VPD
AADT (2039) = 21,400 VPD
DHV (2039) = 2,050 VPH
D = 30.2% NB / 69.8% SB
T = 8.0%
DESIGN SPEED = 30 MPH

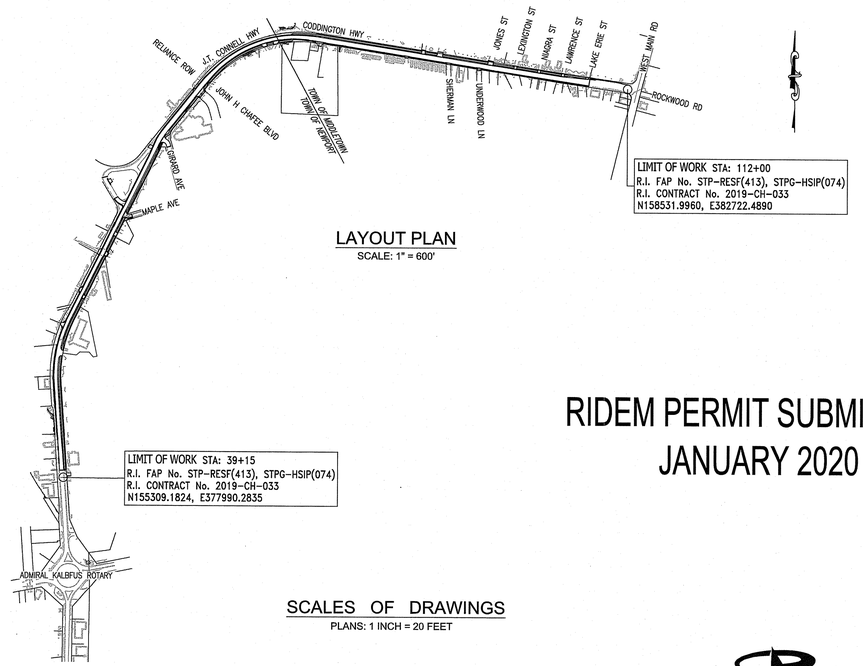
JAN 14 2020

Office of Water Resources

PROPOSED PAVEMENT STRUCTURE

J.T. CONNELL / CODDINGTON HIGHWAY:
FULL DEPTH PAVEMENT CONSTRUCTION
2" MODIFIED CLASS 12.5 HMA
5" CLASS 19.0 HMA (PLACED IN TWO 2.5" LIFTS)
PROCESSED ASPHALT STABILIZED BASE MATERIAL
ASPHALT EMULSION TACK COAT BETWEEN HMA LAYERS

SHARED USE PATH:
FULL DEPTH PAVEMENT CONSTRUCTION
1" MODIFIED CLASS 4.75 HMA
3" CLASS 19.0 HMA
12" GRAVEL BORROW SUBBASE COURSE
ASPHALT EMULSION TACK COAT BETWEEN HMA LAYERS



LAYOUT PLAN
SCALE: 1" = 600'

R.I. STANDARD SPECIFICATIONS AND STANDARD DETAILS

SPECIFICATIONS TO GOVERN THIS PROJECT ARE THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION (AMENDED MARCH 2018), WITH ALL REVISIONS AND THE STATE AND FEDERAL SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS. STANDARD DETAILS FOR THIS PROJECT ARE R.I. STANDARD DETAILS, 1998 EDITION, WITH ALL REVISIONS.

RIDEM PERMIT SUBMISSION
JANUARY 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

KEITH J. MacDONALD
No. 7859
REGISTERED PROFESSIONAL ENGINEER
CIVIL
1.7.20

R.I. DEPARTMENT OF TRANSPORTATION

APPROVED

ADMINISTRATOR, PROJECT MANAGEMENT DATE

APPROVED

CHIEF ENGINEER OF INFRASTRUCTURE DATE

APPROVED

DIRECTOR DATE

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

DIVISION ADMINISTRATOR DATE

SCALES OF DRAWINGS

PLANS: 1 INCH = 20 FEET

BASE OF LEVELS
VERTICAL DATUM USED: NAVD-88
HORIZONTAL DATUM: RHODE ISLAND STATE PLANE, NAD-83 (2011) (2002.00)

PARE
PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

Contract Number 2019-CH-033
Number of Sheet 01
Total Sheets 68

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	02	68

EXISTING

	EDGE OF PAVEMENT
	BERM
	CURB
	GUARDRAIL
MB	MAILBOX
NO.	UTILITY POLE
	POLE GUY
	LUMINARE
SIGN	SIGN
(SIZE)SD	SUBDRAIN
(SIZE)D	STORMDRAIN
(SIZE)S	SANITARY SEWER
(SIZE)W	WATER MAIN
(SIZE)G	GAS MAIN
(SIZE)T	TELEPHONE DUCT
(SIZE)E	ELECTRIC DUCT
	PLUG AND CAP PIPE
	ABANDONED UTILITY
	FLARED END SECTION
	HEADWALL
WG OR GG	WATER OR GAS GATE
CB	CATCH BASIN
MH	MANHOLE
HYD	HYDRANT
1+00	BASELINE OR CENTERLINE
EXIST. S.H.L. PLAT NO. XX	STATE HIGHWAY LINE
EXIST. S.F.L. PLAT NO. XX	STATE FREEWAY LINE
EXIST. P.E.B.	PERMANENT EASEMENT LINE
EXIST. T.E.B.	TEMPORARY EASEMENT LINE
CITY NAME	PROPERTY LINE
TOWN NAME	CITY OR TOWN LINE
PWW	PAVED WATERWAY
ELEV.	CONTOUR LINE
	OPEN DITCH
R.I.H.B.	R.I. HIGHWAY BOUND
S.B.	STONE BOUND
	RETAINING WALL
	FIELD STONE WALL
NO.	BORINGS
TYPE	FENCE
	WOOD OR BRUSH LINE
	TREES
(NAME)	RIVER OR STREAM
	WETLAND AREA
NO. TYPE MATERIAL	BUILDING
	FOUNDATION
	BUILDING TO BE REMOVED
	RAILROAD TRACKS
	CUT AND MATCH
	RIP-RAP
	CUT SLOPE
	FILL SLOPE
	ROCK CUT
00x00	SPOT GRADE
	AREA GRADED TO DRAIN
	BALED HAY RI STD 9.1.0
	BALED HAY & SILT FENCE RI STD. 9.3.0
123 124 125	EDGE OF WETLAND
	50-FOOT PERIMETER WETLAND
ASSF	AREA SUBJECT TO STORM FLOWAGE
100 YR. FLOOD BOUNDARY	100-YEAR FLOOD PLAIN
	LIMIT OF DISTURBANCE
	LIMIT OF CLEARING

NEW

NO.	
GUY	
N(SIZE)SD	
(Length → Size)	
(Length → Size)	
N(SIZE)W	
N(SIZE)G	
N-#(SIZE)T	
N-#(SIZE)E	
1+00	
NEW S.H.L. PLAT NO. XX	
NEW S.F.L. PLAT NO. XX	
NEW P.E.B.	
NEW T.E.B.	
ELEV.	
NO.	
ROADWAY TOP OF SLOPE ROADWAY TOE OF SLOPE ROCK SHELF ROCK CUT	
00.00 x	
ELEV.	
LIMIT OF DISTURBANCE	
LIMIT OF CLEARING	

1.1.0	UNDERDRAIN
1.3.0	CONCRETE CONNECTING COLLAR
2.1.0	CONCRETE HEADWALLS FOR PIPE CULVERTS
2.2.0	STANDARD HEADWALLS FOR MULTIPLE 3'-6" TO 7'-0" PIPE CULVERTS
2.3.0 (DIA.)	PRECAST CONCRETE FLARED END SECTION
3.2.0	BRICK/SOLID BLOCK 4'-0" ROUND MANHOLE
3.2.1 (DIA.)	BRICK/SOLID BLOCK 5'-0" OR 6'-0" ROUND MANHOLE
3.3.0	BRICK/SOLID BLOCK TYPE "D" SQUARE CATCH BASIN
3.3.2	BRICK/SOLID BLOCK TYPE "F" SQUARE CATCH BASIN
3.3.3	SOLID BLOCK FLUSH SQUARE CATCH BASIN
3.4.0	BRICK/SOLID BLOCK TYPE "D" ROUND CATCH BASIN
3.4.1	BRICK/SOLID BLOCK ROUND CATCH BASIN WITH GUTTER INLET
3.4.2	BRICK/SOLID BLOCK TYPE "F" ROUND CATCH BASIN
3.4.3	BRICK/SOLID BLOCK TYPE "R" CATCH BASIN
3.4.4	SOLID BLOCK FLUSH ROUND CATCH BASIN
3.4.5 (DIA.)	BRICK/SOLID BLOCK 5'-0" OR 6'-0" ROUND CATCH BASIN
3.5.0	SOLID BLOCK SHALLOW TYPE "F" SQUARE CATCH BASIN
3.5.1 (SIZE)	SOLID BLOCK SHALLOW 5'-0" OR 6'-0" SQUARE CATCH BASIN
3.6.0	BRICK/SOLID BLOCK DROP INLET
3.7.0 (DIA.)	BRICK/SOLID BLOCK ROUND MANHOLE OR CATCH BASIN GREATER THAN 12'-0"
4.2.0	PRECAST 4'-0" ROUND MANHOLE
4.2.1	PRECAST 5'-0" ROUND MANHOLE
4.2.2	PRECAST 6'-0" ROUND MANHOLE
4.3.0 (SIZE)	PRECAST 4'-0" OR 6'-0" SQUARE MANHOLE OR CATCH BASIN
4.4.0 (DIA.)	PRECAST 4'-0", 5'-0", OR 6'-0" ROUND CATCH BASIN
4.5.0	PRECAST CONCRETE DROP INLET
4.5.1	PRECAST CONCRETE DROP INLET LATERAL OUTLET
4.5.2	PRECAST CONCRETE DROP INLET LONGITUDINAL OUTLET
5.3.0	CATCH BASIN AND MANHOLE STEP
5.4.0	CONCRETE COLLARS
6.1.0	LIGHT-DUTY SQUARE FRAME AND ROUND COVER
6.1.1	HEAVY DUTY SQUARE FRAME AND ROUND COVER
6.2.0	LIGHT-DUTY ROUND FRAME AND COVER
6.2.1	HEAVY-DUTY ROUND FRAME AND COVER
6.3.0	SQUARE FRAME AND GRATE
6.3.1	SQUARE FRAME AND GRATE
6.3.2	SQUARE FRAME AND GRATE (BICYCLE SAFE)
6.3.3	HIGH CAPACITY FRAME AND GRATE
6.3.4	HIGH CAPACITY FRAME AND GRATE (BICYCLE SAFE)
6.4.0	ROUND FRAME AND GRATE
7.1.0S	PRECAST CONCRETE CURB (STRAIGHT)
7.1.0C	PRECAST CONCRETE CURB (CIRCULAR)
7.1.1	3'-0' PRECAST CONCRETE TRANSITION CURB
7.1.2	6'-0" PRECAST CONCRETE TRANSITION CURB
7.1.4	PRECAST 2'-0" RADIUS CORNER
7.1.5	PRECAST CONCRETE INLET STONE (FOR SQUARE CATCH BASIN)
7.1.6	PRECAST CONCRETE INLET STONE (FOR ROUND CATCH BASIN)
7.1.7	PRECAST CONCRETE APRON STONE (FOR SQUARE CATCH BASIN)
7.1.8	PRECAST CONCRETE APRON STONE (FOR ROUND CATCH BASIN)
7.2.0S	PRECAST CONCRETE SLOPED FACE CURB (STRAIGHT)
7.2.0C	PRECAST CONCRETE SLOPED FACE CURB (CIRCULAR)
7.2.1	PRECAST CONCRETE SLOPED FACE TRANSITION CURB
7.2.2	PRECAST CONCRETE TRANSITION CURB (VERTICAL FACE TO SPLOPED FACE)
7.3.0S	GRANITE CURB (STRAIGHT)
7.3.0C	GRANITE CURB (CIRCULAR)
7.3.1	3'-0" GRANITE TRANSITION CURB
7.3.2	6'-0" GRANITE TRANSITION CURB
7.3.3	GRANITE WHEELCHAIR RAMP TRANSITION CURB
7.3.4	GRANITE 2'-0" RADIUS CORNER
7.3.5	GRANITE INLET STONE (FOR SQUARE CATCH BASIN)
7.3.6	GRANITE INLET STONE (FOR ROUND CATCH BASIN)
7.3.7	GRANITE APRON STONE (FOR SQUARE CATCH BASIN)
7.3.8	GRANITE APRON STONE (FOR ROUND CATCH BASIN)
7.4.0	GRANITE SLOPED FACE CURB
7.4.1	GRANITE SLOPED FACE TRANSITION CURB
7.4.2	GRANITE TRANSITION CURB (VERTICAL FACE TO SLOPE FACE)
7.5.0	BITUMINOUS CONCRETE LIP CURB
7.5.1A	BITUMINOUS BERM (CONSTRUCTION METHOD A)
7.5.1B	BITUMINOUS BERM (CONSTRUCTION METHOD B)
7.6.0	CURB SETTING DETAIL
8.2.0	BITUMINOUS CONCRETE DITCH
8.3.0	RIP-RAP DITCH
8.4.0	PAVED WATERWAY
9.1.0	BALED HAY EROSION CHECK
9.2.0	SILT FENCE DETAIL
9.3.0	BALED HAY DITCH EROSION CHECK AND SILT FENCE COMBINED
9.4.0	BALED HAY DITCH AND SWALE EROSION CHECK
9.5.0	LOG AND HAY CHECK DAM
9.7.0	DEWATERING BASIN
9.8.0	BALED HAY CATCH BASIN INLET PROTECTION
9.9.0	CONSTRUCTION ACCESS
10.1.0	WET STONE MASONRY RETAINING WALL
10.2.0	RUBBLE MASONRY WALL
10.3.0	CONCRETE RETAINING WALL
10.4.0	STONE MASONRY STEPS
14.1.0	CONCRETE HIGHWAY BOUND
15.1.0	POST AND MOUNTINGS FOR RURAL MAILBOX
15.2.0 (NO.)	POST AND MULTIPLE MOUNTINGS FOR RURAL MAILBOXES
18.2.0	PRECAST TYPE "A" HANDHOLE
18.2.2	HEAVY DUTY TYPE "H" HANDHOLE
18.3.0	ALUMINUM LIGHTING STANDARDS
20.2.0	BI-DIRECTIONAL CONTROL DEVICE
24.6.1	STREET SIGN MOUNTING DETAIL
26.2.0	POLYETHYLENE DRUM WITH MARKINGS
26.3.0	PVC PLASTIC PIPE TYPE III BARRICADE
31.1.0	CHAIN LINK FENCE 3'-0" TO 4'-0"
31.2.0	CHAIN LINK FENCE 5'-0" TO 6'-0"
31.2.1	CHAIN LINK FENCE 5'-0" TO 6'-0" INTERMEDIATE POST
31.3.0	WOVEN WIRE RIGHT-OF-WAY FENCE (STEEL POST)
34.1.0	TYPICAL GUARDRAIL INSTALLATION
34.2.0	STEEL BEAM GUARDRAIL
34.2.1	STEEL BEAM GUARDRAIL DETAILS
34.2.2	STEEL BEAM GUARDRAIL DOUBLE FACED ASSEMBLY
34.2.3	STEEL BEAM GUARDRAIL FIXTURES
34.2.5	STEEL BEAM GUARDRAIL REFLECTORIZED TRIANGULAR DELINEATOR
34.3.1	GUARDRAIL END SECTION
34.3.2	TERMINAL END SECTION (SINGLE FACE)
34.3.3	ANCHORAGE DETAILS APPROACH END SECTION
34.3.4	ANCHORAGE DETAILS TRAILING END SECTION
34.4.0	STEEL BACKED TIMBER GUARDRAIL
34.4.1	STEEL BACKED TIMBER GUARDRAIL TERMINAL SECTION-TYPE 1
40.1.0	DOUBLE-FACED PRECAST MEDIAN BARRIER
40.2.0	SINGLE-FACED PRECAST MEDIAN BARRIER
40.2.1	SINGLE-FACED PRECAST MEDIAN BARRIER
40.3.0	PRECAST MEDIAN BARRIER TRANSITION UNIT
40.5.0	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL
43.1.0	CEMENT CONCRETE SIDEWALK
43.2.0	BITUMINOUS CONCRETE SIDEWALK
43.3.0	WHEELCHAIR RAMP
43.3.1	WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS
43.4.0	DRIVEWAY DEVELOPMENT FOR 3'-0" TRANSITION CURB
43.4.1	DRIVEWAY DEVELOPMENT FOR 6'-0" TRANSITION CURB
43.5.0	CEMENT CONCRETE DRIVEWAYS
48.1.0	DETECTABLE WARNING SYSTEM
51.1.0	TREE PROTECTION DEVICE
51.1.1	DRIP LINE TREE PROTECTION DEVICE FOR EXISTING TREES
51.2.0	SHRUB PROTECTION DEVICE
51.3.0	TREE WELL
51.4.0	TREE WALL

AB	ADJUST CATCH BASIN TO GRADE
ABM	ADJUST CATCH BASIN TO MANHOLE
AC	ADJUST CURB STOP TO GRADE
AD	ADJUST DRAINAGE MANHOLE TO GRADE
AE	ADJUST ELECTRIC MANHOLE TO GRADE
AFC	ADJUST FRAME AND COVER TO GRADE
AFG	ADJUST FRAME AND GRATE TO GRADE
AG	ADJUST GAS GATE BOX TO GRADE
AHH	ADJUST HANDHOLE TO GRADE
AS	ADJUST SANITARY SEWER MANHOLE TO GRADE
AT	ADJUST TELEPHONE MANHOLE TO GRADE
AW	ADJUST WATER GATE BOX TO GRADE
BCD	BITUMINOUS CONCRETE DRIVEWAY 3" BITUMINOUS CONCRETE TYPE I-2 8" GRAVEL BORROW SUBBASE COURSE
BPS	BUILD NEW STRUCTURE OVER EXISTING PIPE
CCB	CLEAN CATCH BASIN
CCP	CUT AND CAP PIPE WITH RESTRAINT (ALL SIZES)
CFP	CLEAN AND FLUSH PIPE
CG	CLEARING AND GRUBBING
CMH	CLEAN MANHOLE
CP (DEPTH)	COLD PLANE
CPP	CUT AND PLUG PIPE (ALL TYPES, ALL SIZES)
DB	REMOVE AND DISPOSE BITUMINOUS CURB
DC	REMOVE AND DISPOSE CONCRETE CURB
DCB	REMOVE AND DISPOSE CATCH BASIN
DDI	REMOVE AND DISPOSE DROP INLET
DF	REMOVE AND DISPOSE FENCE
DFC	REMOVE AND DISPOSE FRAME AND COVER
DFE	REMOVE AND DISPOSE FLARED END SECTION
DFG	REMOVE AND DISPOSE FRAME AND GRATE
DFH	REMOVE AND DISPOSE FIRE HYDRANT
DFP	REMOVE AND DISPOSE FLEXIBLE PAVEMENT
DG	REMOVE AND DISPOSE GUARDRAIL
DH	REMOVE AND DISPOSE HEADWALL
DHB	REMOVE AND DISPOSE HIGHWAY BOUND
DHH	REMOVE AND DISPOSE HANDHOLE
DL	REMOVE AND DISPOSE LIGHT AND FOUNDATION
DMB	REMOVE AND DISPOSE MEDIAN BARRIER
DMH	REMOVE AND DISPOSE MANHOLE
DMM	REMOVE AND DISPOSE MEDIAN MARKER
DOW	REMOVE AND DISPOSE OBSERVATION WELL
DP	REMOVE AND DISPOSE PIPE
DPB	REMOVE AND DISPOSE PAVEMENT AND RIGID BASE
DRB	REMOVE AND DISPOSE RIGID BASE
DS	REMOVE AND DISPOSE SIGN
DSS	REMOVE AND DISPOSE TRAFFIC SIGNAL SYSTEM
DSW	REMOVE AND DISPOSE SIDEWALK
DTD	REMOVE AND DISPOSE TELEPHONE DUCT BANKS
DUP	REMOVE AND DISPOSE UTILITY POLE
DWW	REMOVE AND DISPOSE PAVED WATERWAY
FF	FILTER FABRIC RIPRAP FLARED END UNDERLAYMENT
GET	FLARED GUARDRAIL END TREATMENT
IA	IMPACT ATTENUATOR
IDL	IMPERVIOUS DITCH LINER
LOD	LIMIT OF DISTURBANCE
LOR	LIMIT OF REGRADING
LS	4" LOAM AND SEED

NFH	NEW FIRE HYDRANT WITH GATE VALVE
NIC	NOT IN THIS CONSTRUCTION CONTRACT
NWB	FURNISH AND INSTALL NEW WATER GATE VALVE BOX
NWVB	FURNISH AND INSTALL NEW WATER GATE VALVE AND BOX
NWCB	FURNISH AND INSTALL NEW WATER CURB STOP BOX
NWSB	FURNISH AND INSTALL NEW WATER CURB STOP AND BOX
PCD	PERMANENT CHECK DAM
PS	4" PLANTABLE SOIL AND SEED
RCB	RECONSTRUCT TYPE "D" CATCH BASIN, TO CATCH BASIN WITH GUTTER INLET
RCM	R.I.D.O.T. COMMUNICATIONS MANHOLE
RHH	REMOVE, HANDLE, HAUL, TRIM, RESET CURB EDGING, STRAIGHT, CIRCULAR (ALL TYPES)
RLP	RELOCATE LAMP POST
RMB	RELOCATE MAILBOX (BY OTHERS)
RPM	REMOVE PAVEMENT MARKINGS
RRP	RIP-RAP PAD (SEE DETAIL)
RRS	REMOVE AND RELOCATE SIGN
RUP	RELOCATE UTILITY POLE (BY OTHERS)
SB	STONE BAFFLE
SBAE	STEEL BEAM BRIDGE CONNECTION APPROACH END (W/O NESTED RAIL)
SBTE	STEEL BEAM BRIDGE CONNECTION TRAILING END (W/NESTED RAIL)
SD-	STRUCTURAL DISPOSITION - SEE CS PAGES OF SPECIFICATION
SF	REMOVE AND STOCKPILE FENCE
SGA	SPECIAL GRADED AGGREGATE
SGC	REMOVE AND STOCKPILE GRANITE CURB
SGR	REMOVE AND STOCKPILE GUARDRAIL
SH	REMOVE AND STOCKPILE HYDRANT
SS	REMOVE AND STOCKPILE SIGN
STS	REMOVE AND STOCKPILE TRAFFIC SIGNAL SYSTEM
TB	CONCRETE THRUST BLOCK
TEP	TIE EXISTING PIPE INTO NEW STRUCTURE
TNP	TIE NEW PIPE INTO EXISTING STRUCTURE
TBT	THRIE BEAM TRANSITION
TBBC	THRIE BEAM BRIDGE CONNECTION
TT	TREE TRIMMING
WCM	4" WOOD CHIP MULCH
4DY	4" EPOXY RESIN PAVEMENT MARKINGS - DOUBLE YELLOW
6W	6" EPOXY RESIN PAVEMENT MARKINGS - WHITE
12W	12" EPOXY RESIN PAVEMENT MARKINGS - WHITE
6WT	6" PREFORMED PATTERNED MARKING (HIGH PERFORMANCE TAPE)
4Y	4" EPOXY RESIN PAVEMENT MARKINGS - YELLOW
6Y	6" EPOXY RESIN PAVEMENT MARKINGS - YELLOW
P.G.L.	PROFILE GRADE LINE

Kindly be advised that this approval is not equivalent to a determination of the type or extent of freshwater wetlands on site.

JAN 14 2020

Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

REVISIONS		
NO.	DATE	BY
1	6/07	TRB

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

STANDARD PLAN SYMBOLS & STANDARD LEGEND

CHECKED BY _____ DATE _____ SCALE _____

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_002_STDSYM

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	03	68

GENERAL NOTES:

1. ANY DAMAGE TO EXISTING PAVEMENT, BRIDGES, CONDUIT, SIDEWALK, FENCES, ETC., CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.
2. THE CONTRACTOR SHALL PLACE ALL EQUIPMENT AND MATERIAL AS FAR AWAY AS POSSIBLE FROM THE EDGE OF THE TRAVEL LANE SO AS NOT TO CAUSE A SAFETY HAZARD, IN ACCORDANCE WITH SECTION 106.06 OF THE R.I.D.O.T. STANDARD SPECIFICATION, LATEST EDITION.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE EXISTING CONDITIONS ARE NOT OBLITERATED BEFORE CONTROL POINTS ARE LOCATED AND CONSTRUCTION LAYOUT IS ESTABLISHED. THE CONSTRUCTION LAYOUT SHALL BE PROVIDED IN SUFFICIENT DETAIL, THEREBY ENABLING HIM TO CONSTRUCT THE PROJECT IN CONFORMITY WITH THE PLANS AND SPECIFICATIONS. SURVEY WILL BE PROVIDED BY THE CONTRACTOR. THE RESIDENT ENGINEER WILL NOT AUTHORIZE CONSTRUCTION ACTIVITIES TO BEGIN UNTIL HE IS SATISFIED THAT ALL GROUND CONTROL HAS BEEN ESTABLISHED, TIED DOWN, AND DULY RECORDED IN STANDARD FIELD BOOKS.
4. ALL R.I. STD. 9.9.0 CONSTRUCTION ACCESS ROADS SHALL BE CONSTRUCTED PRIOR TO ANY ROADWAY ACCEPTING CONSTRUCTION TRAFFIC.
5. THE FREQUENCY AND APPLICATION RATES FOR THE DUST CONTROL ITEMS WILL BE AS DIRECTED BY THE ENGINEER.
6. ALL SIDEWALK AND DRIVEWAYS DESIGNATED FOR REPLACEMENT SHALL BE CUT AND MATCHED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
7. ASPHALT EMULSION TACK COAT SHALL BE PLACED PRIOR TO PAVEMENT PLACEMENT ON THE CONCRETE BASE OR COLD PLANED PAVEMENT, AND ON ANY NEW COURSE WHICH HAS BEEN OPEN TO TRAFFIC, OR ANY NEW COURSE WHICH HAS BEEN EXPOSED FOR MORE THAN 3 DAYS, AND/OR AS DIRECTED BY THE ENGINEER. IT SHALL ALSO BE APPLIED TO VERTICAL PAVEMENT FACES BETWEEN ADJOINING PAVEMENT SECTIONS. ALL APPLICATIONS ON BOTH HORIZONTAL AND VERTICAL SURFACES SHALL BE PAID FOR UNDER THE CONTRACT UNIT BID PRICE FOR CODE 403.0300 "ASPHALT EMULSION TACK COAT."
8. THE LIMITS OF CLEARING AND SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL AREAS. IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS, THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND PLACING, AT HIS OWN EXPENSE, PLANTABLE SOIL AND SEED IN AREAS WHICH ARE OUTSIDE OF THE PROJECT'S AREAS OF DISTURBANCE AND WHICH ARE IMPACTED BY CONSTRUCTION OPERATIONS INCLUDING THOSE AREAS WHERE VEHICLES, EQUIPMENT AND MATERIALS ARE STORED WITH THE PERMISSION OF THE ENGINEER.
9. UNDER NO CIRCUMSTANCE WILL THE CONTRACTOR BE ALLOWED TO STOCKPILE REMOVED PAVEMENT MATERIALS WITHIN THE PROJECT LIMITS.
10. CLEANING AND SWEEPING OF PAVEMENT WILL INCLUDE REMOVAL OF ALL PAVEMENT DEBRIS PRIOR TO THE PLACEMENT OF EACH BITUMINOUS PAVEMENT LIFT. ALL CLEANING AND SWEEPING SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER.
11. PRIOR TO INSTALLATION, ALL SIGNS, MOUNTINGS AND LOCATIONS SHALL BE APPROVED OR MODIFIED BY THE ENGINEER.
12. THE COORDINATE SYSTEM, IF SHOWN, IS THE RHODE ISLAND STATE PLANE COORDINATE SYSTEM.
13. PAVEMENT OPERATIONS FOR CURBED SECTIONS: IN AREAS WHERE CURBING IS SET TO FINISH LINE AND GRADE, THE CONTRACTOR WILL NOT BE REQUIRED TO UTILIZE THE SENSOR AND SKI-TYPE DEVICE FOR AUTOMATIC GRADE CONTROL, BUT WILL BE ALLOWED TO MANUALLY ADJUST THE BITUMINOUS PAVER FOR CONTROLLING GRADE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ROADWAYS FREE OF DEBRIS RESULTING FROM THEIR CONSTRUCTION OPERATIONS. ALL DEBRIS SHALL BE REMOVED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.
15. NO FUEL STORAGE, VEHICLE REFUELING, OR EQUIPMENT STORAGE SHALL TAKE PLACE IN DESIGNATED WETLANDS, NOR WITHIN 100' OF ANY WATER BODY. THIS REQUIREMENT SHALL NOT SUPERSEDE ANY FEDERAL, STATE OR LOCAL LAW, ORDINANCE, RULE OR REGULATION THAT APPLIES TO THE SAME, UNLESS THIS REQUIREMENT IS MORE STRINGENT THAN SAID LAW, ORDINANCE, RULE OR REGULATION.
16. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT AT THE END OF FINAL PAVING OPERATIONS, FLOW TO EXISTING DRAINAGE STRUCTURES HAS BEEN REESTABLISHED AND THAT NO ISOLATED DEPRESSIONS REMAIN. THERE SHALL BE NO SEPARATE PAYMENT FOR THIS PROVISION; IT SHALL BE CONSIDERED INCIDENTAL TO PAVING AND COLD PLANING OPERATIONS.
17. ALL EMBANKMENTS SHALL BE PLACED IN HORIZONTAL LAYERS NOT EXCEEDING 12" (AFTER COMPACTION) AND SHALL BE COMPACTED AS SPECIFIED BEFORE THE NEXT LAYER IS PLACED. ALSO, EMBANKMENT CONSTRUCTION SHALL CONFORM TO SECTION 202.03.2 OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
18. IF THIS PROJECT IS ON A HURRICANE EVACUATION AND DIVERSIONARY ROUTE, AS DESIGNATED ON THE COVERSHEET, THE CONTRACTOR IS ADVISED THAT UPON 12 (TWELVE) HOURS NOTICE THE ROADWAY SHALL BE OPEN TO EVACUEES AND EMERGENCY PERSONNEL. ANY EXTRA WORK NECESSARY TO COMPLY WITH THIS REQUIREMENT WILL BE REIMBURSED UNDER FORCE ACCOUNT PROCEDURES.
19. THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE PROVISIONS, CONDITIONS, AND STIPULATIONS STATED IN THE ENVIRONMENTAL APPROVALS ISSUED FOR THE PROJECT FROM THE DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (RIDEM). AND/OR THE ARMY CORPS OF ENGINEERS (ACOE). AND/OR THE COASTAL RESOURCES MANAGEMENT COUNCIL (CRMC). COPIES OF EACH OF THESE PERMITS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT DOCUMENTS. ALL COSTS ASSOCIATED WITH THESE CONDITIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ASSOCIATED BID ITEM(S).
20. FOR ALL PROJECTS INVOLVING KNOWN SITE REMEDIATION ISSUES, THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE CONSTRUCTION RELATED PROVISIONS, CONDITIONS, AND STIPULATIONS OF ANY REMEDIAL PLANS DEVELOPED FOR THE PROJECT. COPIES OF THESE DOCUMENTS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT DOCUMENTS. ALL COSTS ASSOCIATED WITH COMPLIANCE WITH THESE DOCUMENTS SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ASSOCIATED BID ITEM(S).
21. NO UNPROTECTED CONSTRUCTED FEATURE MAY PROJECT MORE THAN 4 INCHES ABOVE THE FINISHED GRADE OF A TRAVERSABLE SLOPE IN A CLEAR ZONE, e.g. HEADWALL, DRAINAGE INLET, ETC.
22. THE REMAINING SECTION OR STUB OF A BREAKAWAY BASE MAY NOT PROJECT MORE THAN 4 INCHES ABOVE THE FINISHED GRADE OF A TRAVERSABLE SLOPE IN A CLEAR ZONE, e.g. SIGN POSTS, LIGHT POLES, FIRE HYDRANTS, ETC.

DRAINAGE AND EROSION CONTROL NOTES:

1. FOR ALL PROJECTS WITH AT LEAST ONE(1) ACRE OF SOIL DISTURBANCE. R.I.D.O.T. IS REQUIRED TO DEVELOP AND ENFORCE A SITE SPECIFIC STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IN ORDER TO REMAIN IN COMPLIANCE WITH THE RIPDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE PROVISIONS, CONDITIONS, AND STIPULATIONS OF THE GENERAL PERMIT AND THE SITE SPECIFIC SWPPP FOR THIS PROJECT. COPIES OF THESE DOCUMENTS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT DOCUMENTS. ALL COSTS ASSOCIATED WITH ADHERENCE TO THE SWPPP SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ASSOCIATED BID ITEM(S).
2. NO UNDISTURBED AREAS SHALL BE CLEARED OF EXISTING VEGETATION AFTER OCTOBER 15 OF ANY CALENDAR YEAR OR DURING ANY PERIOD OF FULL OR LIMITED WINTER SHUTDOWN. ALL DISTURBED SOILS EXPOSED PRIOR TO OCTOBER 15 OF ANY CALENDAR YEAR SHALL BE SEEDED OR PROTECTED BY THAT DATE. ANY SUCH AREAS THAT DO NOT HAVE ADEQUATE VEGETATIVE STABILIZATION, AS DETERMINED BY THE RESIDENT ENGINEER OR ENVIRONMENTAL INSPECTOR, BY NOVEMBER 15 OF ANY CALENDAR YEAR, MUST BE STABILIZED THROUGH THE USE OF EROSION CONTROL MATTING OR HAY MULCH, IN ACCORDANCE WITH SPECIFICATIONS CONTAINED WITHIN THE R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK. IF WORK CONTINUES WITHIN ANY OF THESE AREAS DURING THE PERIOD FROM OCTOBER 15 THROUGH APRIL 15, CARE MUST BE TAKEN TO ENSURE THAT ONLY THE AREA REQUIRED FOR THAT DAY'S WORK IS EXPOSED, AND ALL ERODIBLE SOIL MUST BE RESTABILIZED WITHIN 5 WORKING DAYS. ANY WORK TO CORRECT PROBLEMS RESULTING FROM FAILURE TO COMPLY WITH THIS PROVISION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THERE WILL BE NO SEPARATE PAYMENT FOR THIS PROVISION, IT SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OPERATIONS. STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN 2 WEEKS OF FINAL GRADING.
3. STOCKPILES OF MATERIAL SHALL NOT BE LOCATED WITHIN REGULATED WETLANDS OR BUFFER ZONE AREAS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 30% AND STOCKPILES OF ERODABLE MATERIAL SHALL ALSO BE SEEDED AND RINGED WITH R.I. STD. 9.1.0 TO STABILIZE.
4. IF THE PLANS INCLUDE SPECIFIC AREAS FOR PLACEMENT OF CONSTRUCTION DEWATERING BASINS AND/OR EQUIPMENT AND MATERIALS STORAGE AND STOCKPILING, AND IF THE CONTRACTOR ELECTS TO UTILIZE ANY OTHER AREAS FOR THESE PURPOSES, THIS SHALL BE APPROVED BY THE ENGINEER ONLY AFTER OBTAINING ANY NECESSARY PERMITS AND/OR PERMIT MODIFICATIONS FROM THE APPROPRIATE REGULATORY AUTHORITY(IES). ANY PERMITTING REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE ACCOMPLISHED AT NO COST TO THE STATE. THE ENGINEER WILL COORDINATE SUBMISSION OF ANY REQUIRED PERMIT APPLICATION MATERIALS WITH THE R.I.D.O.T. OFFICE OF ENVIRONMENTAL PROGRAMS.
5. JUTE MESH SHALL BE USED TO STABILIZE PLANTABLE SOIL AND/OR LOAM IN ALL DITCHES, ON ALL SLOPES ADJACENT TO WETLANDS AND WETLAND PERIMETERS, AND ON ALL SLOPES WITHIN WATER QUALITY BASINS. JUTE MESH IN DITCHES SHALL EXTEND TO AN ELEVATION 2 FEET ABOVE THE BOTTOM OF THE DITCH.
6. SEEDING ON ALL SLOPES 3 TO 1 OR STEEPER SHALL CONSIST OF THE FOLLOWING APPLICATIONS UNLESS CHANGED IN THE CONTRACT.
   a. SEEDING TYPE I.
   b. ADHESIVE MULCH STABILIZER
7. UNVEGETATED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR PERIODS IN EXCESS OF 2 WEEKS OR THROUGH THE INACTIVE WINTER SEASON.
8. PRIOR TO DRAINAGE AND UTILITY CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION (HORIZONTAL AND VERTICAL) OF ALL EXISTING PIPES AND/OR STRUCTURES WHICH ARE TO BE CONNECTED. ANY VARIATION FOUND FROM THE PLANS MUST BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO DRAINAGE AND UTILITY CONSTRUCTION. WORK CAN COMMENCE ONLY UPON THE ENGINEER'S AUTHORIZATION.
9. ALL DRAINAGE AND UTILITY STRUCTURES WITHIN THE PAVED ROADWAY SHALL BE ADJUSTED TO GRADE WITH THE SURROUNDING PAVEMENT PRIOR TO THE WINTER SHUTDOWN.
10. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL THROUGHOUT THE WORK AREA.
11. CATCH BASIN RIM GRADES NOTED ON PLANS ARE DEPRESSED 0.1' LOWER THAN THE GUTTER GRADE. RIM ELEVATIONS SHOWN ARE FINAL GRADES. THE CONTRACTOR SHALL PLACE FRAMES AND GRATES 0.1' BELOW THE GRADE CONSTRUCTED IN THIS CONTRACT OR AS DIRECTED BY THE ENGINEER.
12. PROVISIONS FOR CLEARING TO ACCESS OUTFALLS DURING THE CLEANING AND FLUSHING OF THE CLOSED DRAINAGE SYSTEM SHALL BE KEPT TO A MINIMUM.
   a. ANY VEGETATIVE CLEARING SHALL BE LIMITED TO BRUSH AND TREES LESS THAN 3" DIAMETER.
   b. NO HEAVY EQUIPMENT MAY ENCROACH UPON VEGETATED PERIMETER OR RIVERBANK WETLANDS AS WELL AS BIOLOGICAL WETLANDS.
13. THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL DEVICES FOR OUTLET PROTECTION PRIOR TO CLEANING AND FLUSHING STORM WATER DRAINAGE. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL ALL FLUSHED SEDIMENTS ARE REMOVED. AT ALL OUTFALL LOCATIONS WHERE PIPES ARE TO BE CLEANED AND FLUSHED, OUTLET PROTECTION (R.I. STD. 9.1.0 OR 9.3.0) SHALL BE INSTALLED TO TRAP SEDIMENTS. THESE SEDIMENTS SHALL THEN BE REMOVED AND DISPOSED OF LEGALLY BEFORE THE OUTLET PROTECTION DEVICES ARE REMOVED. IF OUTLET PROTECTION AT THE OUTFALL IS NOT FEASIBLE, THEN THE OUTLET PIPE OF THE LAST DRAINAGE STRUCTURE TO BE CLEANED SHALL BE PLUGGED TO CAPTURE ALL MATERIALS FLUSHED FROM PIPES. AFTER THE MATERIALS ARE REMOVED FROM THE DRAINAGE STRUCTURE, THE OUTLET SHALL BE UNPLUGGED TO RESUME NORMAL FUNCTIONING.
14. R.I. STD. 9.8.0 BALED HAY INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS AND INLETS WHENEVER SUBBASE IS EXPOSED, AND SHALL REMAIN IN PLACE UNTIL THE ABUTTING GROUND SURFACES ARE STABILIZED.
15. WHERE BALED HAY INLET PROTECTION AND SILT FENCES ARE USED AT CATCH BASINS, THEY SHALL BE REMOVED AT THE END OF THE PROJECT OR AS DIRECTED BY THE ENGINEER IN ORDER TO PREVENT CLOGGING OF THE INLET.

DRAINAGE AND EROSION CONTROL NOTES (CONTINUED):

16. DETENTION AND RETENTION BASINS MAY BE ROUGH GRADED AND STABILIZED WITH VEGETATION AND/OR OTHER EROSION CONTROL MEASURES AS REQUIRED BY THE ENGINEER PRIOR TO USE AS TEMPORARY SEDIMENTATION BASINS DURING PROJECT CONSTRUCTION. FINAL BASIN CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL SOURCES OF SEDIMENT HAVE BEEN ELIMINATED, FINAL ROADSIDE VEGETATION IS ESTABLISHED AND USE OF TEMPORARY BASINS IS NO LONGER REQUIRED AS DIRECTED BY THE ENGINEER. ANY ISSUES RELATING TO EROSION AND/OR SEDIMENT TRANSPORT INTO WETLAND AREAS RESULTING FROM SUCH USE OF SEDIMENTATION BASINS DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY CORRECTIVE ACTION REQUIRED TO RESOLVE SUCH ISSUES SHALL BE COMPLETED BY THE CONTRACTOR.
17. THE TOE OF ANY FILL SLOPE IS TO REMAIN AT LEAST 1' INSIDE OF ALL EROSION CONTROLS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR COVER ANY PORTION OF THE EROSION CONTROL MEASURES WITH MATERIAL. ANY MATERIAL THAT IS PLACED ON ANY EROSION CONTROLS BY THE CONTRACTOR, OR ANY AGENT OF THE CONTRACTOR, SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR, AND ANY NECESSARY REPAIRS TO THE EROSION CONTROLS ACCOMPLISHED.
18. PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED AT THOSE AREAS INDICATED ON THE PLANS. CLEARING MAY OCCUR PRIOR TO INSTALLATION OF SUCH CONTROLS, HOWEVER NO GRUBBING, GRADING, FILLING, OR OTHER SOIL DISTURBANCE SHALL OCCUR PRIOR TO INSTALLATION. THE LIMITS OF CLEARING AND SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL AREAS.
19. ALL HAY BALES, SILT FENCE OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS IS ESTABLISHED. IF NEEDED, TEMPORARY SEEDING CAN HELP TO MINIMIZE EROSION. TEMPORARY SEED WILL CONFORM TO R.I.D.O.T. STANDARD TEMPORARY SEED MIX.
20. THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE STATE.
21. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE SPECIFIED IN SUBSECTION L.02.03 OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
22. ADDITIONAL EROSION CONTROLS, SHALL BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER. THESE ADDITIONAL ITEMS WILL BE PAID AT THE UNIT PRICE FOR THAT BID ITEM.

UTILITY NOTES:

1. EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS USING THE BEST AVAILABLE INFORMATION AND ARE APPROXIMATE. BUILDING SERVICE CONNECTIONS (ELECTRIC, GAS, TELEPHONE, WATER AND SANITARY) ARE NOT SHOWN. CONTRACTOR IS TO ASSUME SERVICES ARE PRESENT TO ALL BUILDINGS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE AND UTILITIES BOTH UNDERGROUND AND OVERHEAD BEFORE EXCAVATION BEGINS IN ACCORDANCE WITH CHAPTER 39-1.2 OF THE R.I. GENERAL LAWS ENTITLED "EXCAVATION NEAR UNDERGROUND UTILITY FACILITIES", WITH AMENDMENTS EFFECTIVE AS OF NOVEMBER 1, 2009 AND, WHEN NECESSARY, BY CONTACTING THE INDIVIDUAL UTILITY COMPANIES. EXCAVATION SHALL BE IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY APPLICABLE CITY, TOWN, STATE OR FEDERAL AGENCY. THE CONTRACTOR SHOULD UNDERSTAND THAT NOT ALL UTILITIES SUBSCRIBE TO THE DIG SAFE PROGRAM. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES AND ENSURE THAT ALL UTILITIES HAVE BEEN MARKED PRIOR TO COMMENCING THEIR WORK. ANY DAMAGE TO EXISTING UTILITIES MARKED IN THE FIELD, OR AS A RESULT OF FAILING TO CONTACT THE APPROPRIATE UTILITY COMPANY, SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE STATE.
3. ALL EXISTING UTILITIES TO BE ABANDONED SHALL BE CAPPED.
4. EXISTING WATER SERVICES SHALL BE RECONNECTED TO THE NEW WATER MAINS.
5. UTILITY SERVICE CONNECTIONS SHALL BE MAINTAINED TO ALL EXISTING FACILITIES TO REMAIN.
6. FIRE HYDRANTS SHALL NOT BE REMOVED FROM SERVICE WITHOUT WRITTEN AUTHORIZATION FROM THE FIRE DEPARTMENT OR THE WATER AUTHORITY.
7. ALL NEW WATER LINES SHALL BE DISINFECTED TO THE SATISFACTION OF THE WATER AUTHORITY IN ACCORDANCE WITH THE SPECIFICATIONS.
8. ALL UTILITY POLE RELATED WORK SHALL BE BY OTHERS.

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

JAN 14 2020

Approved
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

REVISIONS		
NO.	DATE	BY
1	4/07	TRB
2	3/10	RBH
3	4/14	MLP

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

STANDARD NOTES - 1

CHECKED BY _____ DATE _____ SCALE _____

0050A_V1_003_STDNOTES001

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	04	68

LANDSCAPE NOTES:

1. ALL PLANT MATERIAL MUST BE TAGGED AT THE NURSERY (A RECOGNIZED GROWER OF PLANT MATERIAL) IN ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION. ALL PLANT MATERIAL MUST BE NURSERY GROWN; NO PLANTATION GROWN PLANT MATERIAL WILL BE ACCEPTED.
2. ALL PLANT SUBSTITUTIONS AND/OR CHANGES IN PLANT LOCATION MUST BE APPROVED IN ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
3. ALL PLANT MATERIAL IS TO BE FIELD LOCATED BY A REPRESENTATIVE FROM THE R.I.D.O.T. LANDSCAPE ARCHITECTURE UNIT.
4. A R.I.D.O.T. LANDSCAPE REPRESENTATIVE MUST BE ON SITE TO APPROVE ALL TRIMMING AND CLEARING NECESSARY TO COMPLETE THE WORK AS SHOWN ON THE PLANS.
5. ANY TOPSOIL USED AS PLANTABLE SOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS, AND SHALL CONFORM TO SECTION M.18 OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
6. ALL TREES AND SHRUBS SHALL BE MULCHED WITH PINE BARK MULCH IN ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
7. ALL TREES AND/OR SHRUBS THAT ARE PLANTED AS A BED SHALL BE MULCHED AS A BED.
8. PROVIDE A MINIMUM 6'-8" BRANCHING STANDARD ON ALL TREES INSTALLED ADJACENT TO SIDEWALKS AND/OR PEDESTRIAN ACCESS AREAS.

STRUCTURAL NOTES FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS:

GENERAL

1. ALL SUPPORT DESIGNS AND ASSOCIATED SHOP DRAWING REVIEWS SHALL BE IN CONFORMANCE WITH THE LATEST EDITION, OF THE AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS (THE "SPECIFICATIONS"), INCLUDING THE LATEST INTERIM SPECIFICATIONS, EXCEPT AS MODIFIED HEREIN.

CONSTRUCTION DRAWINGS AND DETAILS

1. THE FOLLOWING NOTES SHALL BE INCLUDED ON ALL PLANS AND/OR SHOP DRAWINGS IN REFERENCE TO ANCHOR BOLTS:
   - "PRETENSIONING OF ALL ANCHOR NUTS IS REQUIRED, AND SHALL BE ACCOMPLISHED BY TIGHTENING TO 1/6TH TURN BEYOND THE SNUG-TIGHT POSITION."
   - "THE MAXIMUM CLEARANCE BETWEEN THE BOTTOM OF THE LEVELING NUTS AND THE TOP OF THE CONCRETE IS CRITICAL AND SHALL NOT EXCEED THE AMOUNT SPECIFIED ON THIS DRAWING."
2. THE USE OF GROUT UNDER BASE PLATES SHALL GENERALLY NOT BE PERMITTED. IF SPECIFIC CONDITIONS WARRANT ITS USE, THE GROUT SHALL NOT BE CONSIDERED LOAD CARRYING; LOADS SHALL BE DIRECTLY SUPPORTED BY THE ANCHOR BOLTS. ADEQUATE DRAINAGE SHALL BE PROVIDED.
3. THE DAMPENING EFFECTS OF VIBRATION MITIGATION DEVICES SHALL NOT BE CONSIDERED IN THE DESIGN OF STRUCTURAL SUPPORTS FOR SIGNS AND TRAFFIC SIGNALS. IF THE CONTRACTOR CHOOSES TO USE THESE DEVICES FOR WARRANTY PURPOSES, THE TYPE OF DEVICES PROPOSED SHALL BE APPROVED BY THE DEPARTMENT PRIOR TO FABRICATION OF SUPPORTS.

TRAFFIC SIGNAL NOTES:

1. ALL SALVAGED TRAFFIC SIGNAL EQUIPMENT SHALL BE DELIVERED TO THE R.I.D.O.T. MAINTENANCE HEADQUARTERS, 360 LINCOLN AVENUE, WARWICK, RHODE ISLAND, 02888.
2. BACK PLATES SHALL BE INSTALLED ON ALL TRAFFIC SIGNAL HEADS.
3. THE CONTRACTOR SHALL SUPPLY AND INSTALL ON THE UPPER LEFT HAND CORNER OF THE BACK OF THE CONTROLLER CABINET DOOR A LAMINATED INTERSECTION GRAPHIC AND TABLE DEPICTING THE TRAFFIC DETECTOR RELAY CHANNEL ASSIGNMENTS. THE DIAGRAM SHALL BE A GRAPHIC OF THE INDIVIDUAL INTERSECTION ORIENTED SIMILAR TO THE PLANS SHOWING THE LOCATIONS OF EACH OF THE LOOP DETECTORS. THE DIAGRAM SHALL, AT A MINIMUM, INCLUDE DETECTOR NUMBERS, STREET NAME LABELS, NORTH ARROW, AND CONTROLLER CABINET LOCATION. THE ASSIGNMENT INFORMATION SHALL BE INCLUDED IN A TABLE WHICH SHALL INCLUDE, AT A MINIMUM, THE APPROACH NAME, DETECTOR NUMBER, TERMINAL NUMBER, DETECTOR RACK SLOT NUMBER, RELAY NUMBER, RELAY CHANNEL NUMBER, AND PHASE ASSOCIATED WITH EACH DETECTOR.
4. TRAFFIC CONTROLLER CABINETS, UNLESS OTHERWISE NOTED, SHALL BE NEMA TS2 TYPE 1 CABINET SIZE 6 ("P" TYPE) WITH NOMINAL DIMENSIONS OF 52"Hx44"Wx24"D.
5. ALL DELAY AND EXTENSION TIMES, AS CALLED FOR ON THE PLANS, FOR PROPOSED LOOP DETECTORS SHALL BE PROGRAMMED IN THE TRAFFIC SIGNAL CONTROLLER AND NOT THE DETECTOR RELAY.
6. A BARE GROUND WIRE SHALL BE PLACED IN ALL PVC CONDUITS AND SHALL BE BONDED TO GROUND RODS IN ACCORDANCE WITH SECTION T.03 OF THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. THE FINAL POSITION OF SIGNAL HEADS, PEDESTRIAN PUSHBUTTONS, DETECTORS, AND STOP LINE AND CROSSWALK PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER IN THE FIELD ACCORDING TO ACTUAL INTERSECTION CHARACTERISTICS.
8. A 2' MINIMUM BUFFER SHALL BE PROVIDED BETWEEN THE CURB AND ALL LATERAL OBSTRUCTIONS (INCLUDING ALL SIGNAL POLES AND TRAFFIC/PEDESTRIAN SIGNAL HEADS) TO PROVIDE ADEQUATE CLEARANCE FOR TURNING VEHICLES.
9. ALL FOUNDATIONS MUST HAVE CONES OR BARRELS BOLTED TO FOUNDATION BASES UNTIL ACTUAL POLE IS INSTALLED.
10. WHEN PLACING TRAFFIC SIGNAL HANDHOLES OR CONDUIT IN EXISTING PORTLAND CEMENT CONCRETE SIDEWALKS, THE ENTIRE SIDEWALK SQUARE OF CONCRETE SHALL BE REPLACED IN ACCORDANCE WITH R.I. STD. 43.1.0. NO PATCHES WILL BE ALLOWED.
11. ALL PEDESTRIAN PUSHBUTTONS SHALL BE COMPLIANT WITH "THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES" (ADAAG) AND SHALL INCLUDE A PRESSURE-ACTIVATED (NON-MOVING) BUTTON. SIGNS APPLICABLE TO PUSHBUTTON ACTUATION SHALL BE INSTALLED SUCH THAT THE CROSSING ASSIGNED TO EACH BUTTON IS CLEARLY INDICATED. IF SITE CONDITIONS DO NOT ALLOW PEDESTRIAN PUSHBUTTONS TO BE INSTALLED WHERE CALLED FOR ON THE PLANS, THE R.I.D.O.T. TRAFFIC ENGINEERING UNIT SHALL BE CONSULTED WITH THROUGH AN R.F.I. PRIOR TO INSTALLING THE PUSHBUTTONS. THE FINAL PLACEMENT OF ALL PEDESTRIAN PUSHBUTTONS SHALL BE IN ACCORDANCE WITH ADAAG AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
12. ALL LOOP DETECTORS SHALL BE CENTERED WITHIN EACH LANE AS DELINEATED, UNLESS OTHERWISE DIMENSIONED ON PLANS.
13. ALL LOOP DETECTORS SHALL BE CUT INTO THE FINAL PAVEMENT SURFACE COURSE.
14. TRAFFIC SIGNAL CONTROLLERS SHALL BE WIRED SO THAT ANY FIRE PRE-EMPTION SHALL OVERRIDE MANUAL (PUSH BUTTON) OPERATION.
15. THE CONTRACTOR SHALL WORK CONTINUOUSLY TO RESTORE TRAFFIC SIGNAL OPERATION TO ITS INTENDED PURPOSE WHEN REPLACING THE TRAFFIC SIGNAL EQUIPMENT. A POLICE DETAIL IS REQUIRED TO DIRECT TRAFFIC AT THE INTERSECTION AT ALL TIMES WHEN THE TRAFFIC SIGNAL IS INOPERATIVE. AT NO TIME SHALL THE CONTRACTOR LEAVE THE SITE BEFORE RESTORING FULL TRAFFIC OPERATIONS.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES:

1. ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS, CHANNELIZING DEVICES, ETC., SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. ALL SIGN MOUNTINGS FOR TEMPORARY AND CONSTRUCTION SIGNS SHALL BE IN ACCORDANCE WITH THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
3. THE CONTRACTOR SHALL COVER ALL EXISTING AND/OR TEMPORARY SIGNS THAT ARE NOT RELEVANT TO THE TRAFFIC CONTROL REQUIRED DURING ANY PARTICULAR STAGE OF THE CONTRACT.
4. ADVANCE FLAGPERSON SIGNS (W20-7A) SHALL BE USED IN ADVANCE OF ANY POINT AT WHICH A FLAGPERSON OR A POLICE OFFICER HAS BEEN STATIONED TO CONTROL TRAFFIC. WHEN NEEDED, AN APPROPRIATE DISTANCE MESSAGE MAY BE DISPLAYED ON A SUPPLEMENTAL PLATE (24"x18") BELOW THE FLAGPERSON SYMBOL SIGN. THE SIGN SHALL BE PROMPTLY REMOVED OR COVERED WHENEVER THE FLAGPERSON IS NOT AT THE STATION.
5. POLICE OFFICERS (AND NOT FLAGPERSONS) SHALL BE UTILIZED WHEN WORK WILL IMPACT SIGNALIZED INTERSECTIONS AND LIMITED ACCESS HIGHWAYS.
6. POLYETHYLENE DRUMS SHALL BE UTILIZED AS A CHANNELIZING DEVICE WHEN A TRAFFIC CONTROL SET-UP IS TO REMAIN BEYOND WORKING HOURS WHEN NO WORKERS ARE PRESENT. CONES SHALL BE UTILIZED WHEN A TRAFFIC CONTROL SET-UP IS TO REMAIN ONLY DURING WORKING HOURS AND IS SUBSEQUENTLY BROKEN DOWN AT THE END OF THE WORKDAY.
7. ARROW PANELS SHALL BE SET IN THE FLASHING FOUR CORNERS CAUTION MODE UNLESS UTILIZED FOR A MERGING TAPER. ARROW PANELS SET IN THE FLASHING ARROW MODE SHALL NOT BE UTILIZED FOR LANE SHIFTS.
8. TEMPORARY CONSTRUCTION SIGNS AND OTHER WORKZONE TRAFFIC CONTROL DEVICES THAT ARE DAMAGED OR REQUIRE RELOCATION SHALL BE REPLACED AND / OR RELOCATED UNDER THE PAY ITEM FOR "MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION."
9. THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS SHALL NOT BE PARKED ON THE TRAVEL LANES OR SHOULDERS. THEY MAY BE PARKED WITHIN THE STATE RIGHT-OF-WAY ONLY IN AREAS 30' BEYOND THE OUTSIDE EDGE OF THE TRAVEL LANES AND/OR IN AREAS APPROVED BY THE ENGINEER.
10. TEMPORARY CONSTRUCTION SIGNS AND OTHER TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC, AND SHALL BE REMOVED AS SOON AS PRACTICAL WHEN THEY ARE NO LONGER APPROPRIATE.
11. THE INTENDED VEHICLE PATHS THROUGH EACH WORK ZONE SHALL BE CLEARLY MARKED AT ALL TIMES. WATERBORNE PAVEMENT MARKINGS SHALL BE INSTALLED BEFORE THE END OF THE WORK SHIFT ON ALL COLD-PLANED AND NEW ROADWAY SURFACES THAT WILL BE OPENED TO TRAFFIC AT THE END OF THE SHIFT.

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

Received Department

JAN 14 2020

Office of Planning & Policy

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

REVISIONS		
NO.	DATE	BY
1	4/07	TRB
2	11/07	TRB
3	3/10	RBH

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

STANDARD NOTES - 2

CHECKED BY _____ DATE _____ SCALE _____

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_004_STDNOTES002

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	05	68

JOB SPECIFIC LEGEND:

- (BCD) HMA DRIVEWAY
  3" MODIFIED CLASS 12.5 HMA
  8" GRAVEL BORROW SUBBASE COURSE
- (BRA) BIORETENTION AREA (SEE "DETAILS")
- (CFS) COMPOST FILTER SOCK (SEE "DETAILS")
- (DGI) REMOVE AND DISPOSE GUTTER INLET
- (DRP) REMOVE AND DISPOSE RIGID PAVEMENT
- (DT) REMOVE AND DISPOSE TREE AND STUMP
- (ETR) EXISTING TO REMAIN
- (FDR) FULL DEPTH PAVEMENT RECLAMATION
- (FDS) FULL DEPTH SAWCUT OF BITUMINOUS PAVEMENT
- (ISCD) INLET SEDIMENT CONTROL DEVICE (SEE "DETAILS")
- (MEPM) MATCH EXISTING PAVEMENT MARKING
- (NGB) FURNISH AND INSTALL NEW GAS GATE VALVE BOX
- (NWVB-1) FURNISH AND INSTALL NEW WATER GATE VALVE BOX, TEE AND COUPLINGS (SEE "DETAILS")
- (P) 2" MODIFIED CLASS 12.5 HMA OVER
  5" CLASS 19.0 HMA (PLACED IN TWO 2.5" LIFTS) OVER
  PROCESSED ASPHALT STABILIZED BASE MATERIAL
  ASPHALT EMULSION TACK COAT BETWEEN HMA LAYERS
- (P1) 1.0" CLASS MODIFIED 4.75 HMA OVER
  3.0" CLASS 19.0 HMA OVER
  12" GRAVEL BORROW SUBBASE COURSE OVER COMMON BORROW AS REQUIRED
  PROVIDE ASPHALT EMULSION TACK COAT BETWEEN HMA LAYERS
- (PM-1) SHARED USE PATH PAVEMENT MARKING DETAIL (SEE "DETAILS")
- (QPA) QUALIFIED PERVIOUS AREA (SEE "DETAILS")
- (RC) RECONSTRUCT CATCH BASIN/MANHOLE - CORBEL CONE
- (RCB1) RECONSTRUCT CATCH BASIN (ALL TYPES) TO CATCH BASIN WITH GUTTER INLET
- (RCB2) RECONSTRUCT TYPE "D" CATCH BASIN TO TYPE "F" CATCH BASIN
- (RCB3) RECONSTRUCT CATCH BASIN WITH GUTTER INLET TO TYPE "F" CATCH BASIN
- (CBMH) RECONSTRUCT CATCH BASIN (ALL TYPES) TO MANHOLE
- (RDC) REMOVE AND DISPOSE CATCH BASIN CONCRETE COVER
  (THIS WORK SHALL BE PAID FOR UNDER REMOVE AND DISPOSE SIDEWALK)
- (RRLS) RIPRAP LEVEL SPREADER (SEE "DETAILS")
- (RRSW) RIPRAP SPILLWAY (SEE "DETAILS")
- (R&D) REMOVE AND DISPOSE
- (R&R) REMOVE AND RESET
- (R&S) REMOVE AND SALVAGE
- (SFB) SEDIMENT FOREBAY (SEE "DETAILS")
- (SFCD) SEDIMENT FOREBAY CHECK DAM (SEE "DETAILS")
- (SRF) SPLIT RAIL FENCE (SEE "DETAILS")
- (SRW) SEGMENTAL RETAINING WALL (SEE "DETAILS")

JOB SPECIFIC LEGEND (CONT.):

- (STP) SELECTIVE TREE TRIMMING AND PRUNING (SEE "DETAILS")
- (SWI) SIDEWALK INLET (SEE "DETAILS")
- (WQS) WATER QUALITY SWALE (SEE "DETAILS")
- (#W) (INCHES) EPOXY RESIN PAVEMENT MARKINGS - WHITE
- (#Y) (INCHES) EPOXY RESIN PAVEMENT MARKINGS - YELLOW

R.I. STD. DETAILS:

- (7.3.9) PRECAST GRANITE RAMP STONE
- (7.2.3) PRECAST CONCRETE LOT CURB
- (20.1.0) PAVEMENT MARKING "ARROW" AND "ONLY"
- (20.3.0) PAVEMENT MARKINGS - CROSSWALKS AND STOP LINES
- (43.1.0M) CEMENT CONCRETE SIDEWALK - MODIFIED (SEE "DETAILS")
- (49.1.1) TRANSVERSE PAVEMENT CUT AND MATCH

JOB SPECIFIC ABBREVIATIONS

T.O.W. TOP OF WALL

B.O.F. BOTTOM OF FOOTING

JOB SPECIFIC NATIONAL GRID GAS NOTES:

DESCRIPTION

THIS GUIDELINE SHALL CONTROL WORK AROUND EXISTING CORROSION CONTROL COMPONENTS. REPLACEMENT OF TEST STATIONS, ANODES AND TEST WIRE LEADS SHALL COMPLY WITH STANDARDS AND SPECIFICATIONS STIPULATED BY NATIONAL GRID. IF DESIGN PLANS CALL FOR WORK IN THE AREA OF CORROSION CONTROL COMPONENTS, CARE MUST BE TAKEN TO PREVENT DAMAGE TO SUCH COMPONENTS.

GENERAL NATIONAL GRID CONSIDERATIONS

THE CONTRACTOR SHALL PERFORM REPLACEMENT OF DAMAGED CORROSION CONTROL TEST BOXES, RESETTING OF DISTURBED TEST BOXES, AND ENSURE A MINIMUM OF 12" OF EXCESS WIRE ABOVE THE RIM OF THE TEST BOX AFTER SET TO FINISHED GRADE. WIRES SHALL NOT BE PULLED TAUGHT TO ACHIEVE THE 12" ABOVE THE BOX, AS THIS WILL CAUSE STRESS ON THE WIRE CONNECTION AT THE MAIN. WIRES NEEDING TO BE LENGTHENED, DAMAGED CORROSION CONTROL COMPONENTS I.E. WIRES, OR WIRE COATING, SHALL REQUIRE NOTIFICATION TO THE CORROSION CONTROL DEPARTMENT (525-5610 OR 474-5171) TO INITIATE INSPECTION/REPAIR OR REPLACEMENT OF THE DAMAGED COMPONENTS.

BACKFILLING EXPOSED CORROSION CONTROL WIRE COMPONENTS SHALL BEGIN IMMEDIATELY AFTER THE WORK IN THAT LOCATION IS COMPLETE. THE REGION WITHIN 6" ALONGSIDE AND ON TOP OF THE CONNECTOR WIRES SHALL BE BACKFILLED WITH PADDING SAND (FREE OF CINDERS, ASH, AND ROCK). TEST WIRE LEADS MUST BE KEPT WITH ENOUGH SLACK TO PREVENT STRESS ON THE POINTS WHERE THE WIRES CONNECT TO THE GAS MAIN. TRENCH SPOIL MATERIAL SHALL BE SUITABLE FOR BACKFILLING ABOVE THE PADDING MATERIAL AS LONG AS ROCKS WITH A DIAMETER LARGER THAN 3" ARE REMOVED. THE REMAINDER OF THE TRENCH SHALL BE BACKFILLED & COMPACTED IN ACCORDANCE WITH SECTION 205.05.5 OF THE RIDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.

ALL VALVE BOXES AND CORROSION (CP) TEST BOXES HAVE BEEN MARKED ON THE PLANS. THESE BOXES NEED TO BE ADJUSTED TO THE NEW ROAD SURFACE. NEW BOXES CAN BE OBTAINED AT THE NATIONAL GRID PROVIDENCE FACILITY AT 477 DEXTER STREET. CORROSION TEST BOXES CONTAIN WIRES. USE CAUTION WHEN ADJUSTING THESE BOXES AND CONTACT RON VINCENT AT 617-438-5192 IF THE WIRES ARE DAMAGED. ALL VALVE BOXES MUST BE ACCESSIBLE AT ALL TIMES TO BE OPERATED IN THE EVENT OF AN EMERGENCY.

JOB SPECIFIC VERIZON UTILITY NOTES:

1. ANY/ALL ADJUSTMENTS TO VERIZON OWNED UNDERGROUND EQUIPMENT (MANHOLES, FRAME & COVERS, CONDUITS, ETC) MUST BE PERFORMED BY AN APPROVED VERIZON CONTRACTOR. ADDITIONALLY, ALL ADJUSTMENTS MUST BE INSPECTED BY VERIZON'S CONTRACT WORK INSPECTOR (CWI). PLEASE CONTACT DAN MELLO (CWI) @ (401)439-5571...48 HOURS IN ADVANCE BEFORE COMMENCING WORK.
2. IF VERIZON'S UNDERGROUND (UG) STRUCTURES (CONDUITS, CABLES, MANHOLES, ETC...) ARE EXPOSED DURING CONSTRUCTION, THE GENERAL CONTRACTOR (GC) MUST PROVIDE PROTECTION FOR THE EXPOSED PLANT IN ACCORDANCE WITH VERIZON'S METHODS AND PROCEDURES AND WITH THE APPROVAL OF VERIZON'S CWI. ADDITIONALLY, AN APPROVED PARTITION MUST BE PLACED BETWEEN EXISTING VERIZON STRUCTURES AND NEW CONCRETE CONSTRUCTION WHERE CONTACT AND/OR ENCROACHMENT MAY ARISE.
3. THE UNDERMINING OF VERIZON DUCTS (INCLUDING THOSE CONCRETE ENCASED) IS NOT PERMITTED WITHOUT INSPECTION/PERMISSION OF VERIZON'S CWI.
4. A RADIAL CLEARANCE OF THREE FEET (3') MUST BE MAINTAINED BETWEEN VERIZON'S AERIAL EQUIPMENT (CABLES, TERMINALS, POLES, ETC) IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS. THIS INCLUDES TRAFFIC SIGNAL AND CONSTRUCTION EQUIPMENT.... EITHER TEMPORARY OR PERMANENT. PLEASE REFER TO R.I.D.O.T. DOCUMENT TAC-0049 FOR ADDITIONAL INFORMATION.

JOB SPECIFIC GENERAL NOTES:

1. EXISTING CONDITIONS SURVEY WAS PREPARED BY WSP USA INC. WORCESTER, MASSACHUSETTS, IN MAY OF 2019. WETLANDS WERE FLAGGED BY PARE CORPORATION IN APRIL 2019.
2. FOR SURVEY WORK PERFORMED BY THE CONTRACTOR, ALL SURVEY FIELD BOOKS AND ELECTRONIC DATA SHALL BE SUBMITTED TO THE RIDOT SURVEY SECTION UPON COMPLETION OF THE CONSTRUCTION WORK. FIELD BOOKS SHALL INCLUDE A LISTING OF ALL RI HIGHWAY BOUNDS THAT WERE SET WITH STATIONS, OFFSETS, COORDINATES, AND DATE SET CERTIFIED BY THE CONTRACTOR'S PROFESSIONAL LAND SURVEYOR.
3. ALL REQUIRED TREE TRIMMING WILL BE COMPLETED UNDER THE RIDOT STATEWIDE TRIMMING CONTRACT. THERE IS NO SEPARATE PAY ITEM FOR THIS WORK.
4. ALL GRASSED AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REESTABLISHED WITH LOAM AND TYPE 2 SEED. IF AREAS ARE BEYOND WORK LIMIT LINES, THEN THE COST SHALL BE BORNE BY THE CONTRACTOR.
5. TREE AND SHRUB PROTECTION DEVICES SHALL BE INSTALLED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING TREES AND THEIR ROOT SYSTEMS DURING CONSTRUCTION.
6. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES AND NOTIFY THE APPROPRIATE UTILITY AUTHORITIES INCLUDING "DIG SAFE" PRIOR TO STARTING WORK. ANY DAMAGE TO UTILITIES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE COST OF REPAIRS SHALL BE BORNE BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
7. ALL WORK WITHIN THE STATE RIGHT-OF-WAY AND PORTIONS OF WORK ON CITY/TOWN ROADWAYS SHALL CONFORM TO THE RHODE ISLAND STANDARD SPECIFICATIONS, DETAILS, AND ALL ADDENDA.
8. PAVEMENT CORES WERE OBTAINED BY RIDOT. CORE LOCATIONS ARE SHOWN ON THE PLANS. COPIES OF THE CORE LOGS ARE INCLUDED IN THE CS PAGES OF THE CONTRACT DOCUMENTS.
9. THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF OVERHEAD UTILITIES WITHIN THE WORK ZONE AND SHALL PLAN ALL CONSTRUCTION ACCORDINGLY. NO ADDITIONAL PAYMENT WILL BE MADE FOR EQUIPMENT AND METHODS REQUIRED TO ACCOMMODATE THE OVERHEAD UTILITIES.
10. NO SEPARATE PAYMENT WILL BE MADE FOR TEMPORARY EARTH SUPPORT. SHOULD THE CONTRACTOR USE ANY TEMPORARY EARTH SUPPORT STRUCTURES, THE COST SHALL BE CONSIDERED INCIDENTAL TO THE CORRESPONDING ITEMS OF WORK.
11. THERE SHALL BE NO PARKING OR STORING OF CONSTRUCTION EQUIPMENT UNDER THE DRIPLINE OF ANY TREE.
12. THERE ARE NO DESIGNATED CONCRETE WASHOUT AREAS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER TO EITHER DESIGNATE AN AREA WITHIN THE PROJECT LIMITS OR TO ENSURE THAT THE CONCRETE WASHOUT IS BEING PERFORMED OFFSITE.
13. CONTRACTOR TO EXCAVATE TEST PITS IN AREAS OF POTENTIAL UTILITY CONFLICTS AND RELAY INFORMATION TO ENGINEER PRIOR TO COMMENCEMENT OF UTILITY WORK.
14. CATCH BASIN INLET SEDIMENT CONTROL DEVICES, AS SHOWN ON THE "DETAILS" SHEET, SHALL BE UTILIZED WHEN ADJACENT WORK ACTIVITY EXPOSES ERODIBLE SOILS.
15. ALL PROPOSED STREETS SIGNS (D3-1) SHALL HAVE A BLUE BACKGROUND WITH WHITE BORDER AND LETTERING IN ACCORDANCE WITH SECTION 2D.43 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION, WITH ALL REVISIONS.

JOB SPECIFIC DRAINAGE AND UTILITY NOTES:

1. CONTRACTOR TO EXCAVATE TEST PITS IN AREAS OF POTENTIAL UTILITY CONFLICTS AND RELAY INFORMATION TO RESIDENT ENGINEER PRIOR TO COMMENCEMENT OF UTILITY WORK. IN LOCATIONS NEAR THE AC WATER MAIN TEST PITS SHALL BE PERFORMED BY AIR VACUUM EXCAVATION OR OTHER NON-DESTRUCTIVE MEANS. THE COST FOR AIR VACUUM EXCAVATION SHALL BE CONSIDERED INCIDENTAL TO THE TEST PIT ITEM.
2. CATCH BASIN INLET SEDIMENT CONTROL DEVICES, AS SHOWN ON "DETAILS" SHEET, SHALL BE UTILIZED WHEN ADJACENT WORK ACTIVITY EXPOSES ERODIBLE SOILS.
3. ALL PROPOSED AND MODIFIED DRAINAGE STRUCTURES AND PIPES SHALL BE BACKFILLED USING CONTROLLED LOW STRENGTH MATERIAL (CLSM) CLASS I AND II (EXCAVATABLE) AS A SUBSTITUTE FOR COMPACTED GRAVEL AND STRUCTURAL FILL, IN ACCORDANCE WITH SECTION 603 OF THE R.I. STANDARD SPECIFICATIONS. BACKFILL WITH CLSM SHALL BE CONSIDERED INCIDENTAL TO THE DRAINAGE ITEMS AND NO ADDITIONAL PAYMENT WILL BE MADE FOR THE WORK.
4. COMPOST FILTER SOCKS ARE REQUIRED TO BE INSTALLED AT ALL OUTFALLS PRIOR TO CLEANING AND FLUSHING PIPES.
5. ALL PROPOSED DRAINAGE CATCH BASINS AND MANHOLE STRUCTURES SHALL BE 4' DIAMETER UNLESS OTHERWISE NOTED ON PLANS.
6. CONTRACTOR SHOULD TAKE NOTE THAT THERE IS AN EXISTING ASBESTOS CEMENT WATERMAIN PIPE (AC PIPE) ON J.T. CONNELL HIGHWAY. THE APPROXIMATE LOCATION OF THE AC PIPE IS SHOWN ON THE PLANS BETWEEN STATION 39+00R AND STA 62+00R. CONTRACTOR SHALL EXERCISE CARE WHEN PERFORMING WORK DIRECTLY ABOVE AND ADJACENT TO THE EXISTING AC PIPE AND SHOULD LIMIT ROLLER VIBRATION TO AVOID DAMAGING THE EXISTING PIPE.
7. CATCH BASIN, MANHOLE, AND SEWER COVERS SHALL BE LOCKED IN PLACE USING CLSM CLASS I AND II COLLAR. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE COVERS.
8. WORK ASSOCIATED WITH TYING IN PROPOSED DRAINAGE STRUCTURES INTO EXISTING DRAINAGE STRUCTURES SHALL BE CONSIDERED INCIDENTAL TO THE DRAINAGE WORK.

JOB SPECIFIC PLAN SYMBOLS

EXISTING		NEW
	CUT AND MATCH	
	DIRECTION OF TRAVEL	
C.L.F.	CHAIN LINK FENCE	
SW	STONE WALL	
	TREE	
	SHRUB	
	BOLLARD	
	SIGN	
U.P.#	UTILITY POLE	
GV	GAS GATE	
CPT	C.P. TEST (GAS)	
WV	WATER GATE	
S	SEWER MANHOLE	
D	DRAIN MANHOLE	DMH
	CATCH BASIN	CB
T	TELEPHONE MANHOLE	
CI	CURB INLET	
CC	CONCRETE CURB	
BIT	BITUMINOUS	
CONC	CONCRETE	
CW	CONCRETE WALK	
OHW	OVERHEAD WIRES	
SMRW	STONE MASONRY RETAINING WALL	
	COMPOST FILTER SOCK	
	PAVEMENT CORE LOCATION	
	SPLIT RAIL FENCE	
	SEGMENTAL RETAINING WALL	

Kindly be advised that this Permit is equivalent to a verification of the type or extent of freshwater wetlands on site.

JAN 14 2020

TYPICAL SIGN DESIGNATION SYMBOL

(SIZE) — LOCATION NUMBER / MUTCD NUMBER / SIGN MOUNTING (R.I. STD. NO.)

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

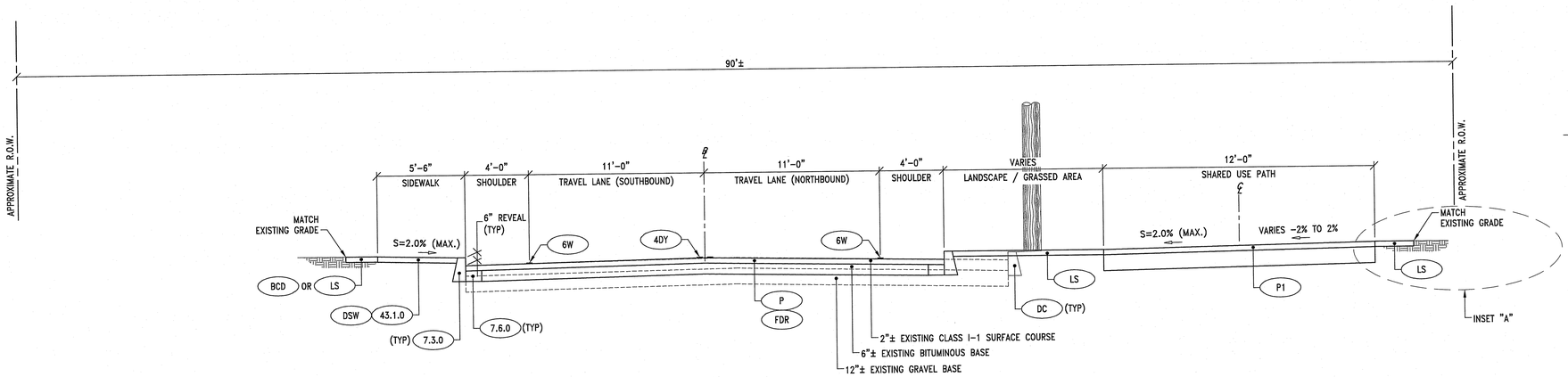
PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

JOB SPECIFIC
PLAN SYMBOLS, LEGEND & NOTES

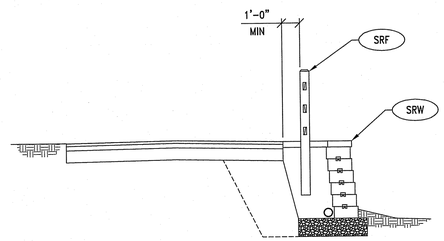
CHECKED BY _____ DATE _____ SCALE _____

0050A_V1_005_JSNOTSYM_REV03

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	06	68

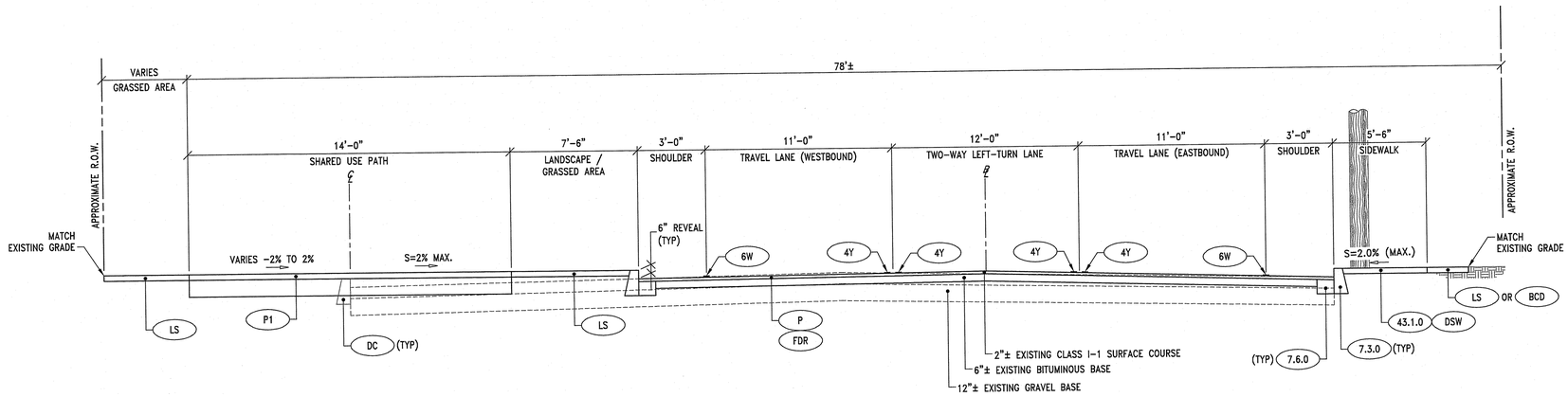


TYPICAL ROADWAY SECTION - J.T. CONNELL HIGHWAY
STA. 39+20 TO 83+50



INSET "A"
STA. 41+50R TO 45+75R
STA. 50+85R TO 53+25R
STA. 76+59R TO 77+10R

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



TYPICAL ROADWAY SECTION - CODDINGTON HIGHWAY
STA. 83+50 TO 108+74

PAVEMENT STUCTURE:

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0052
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

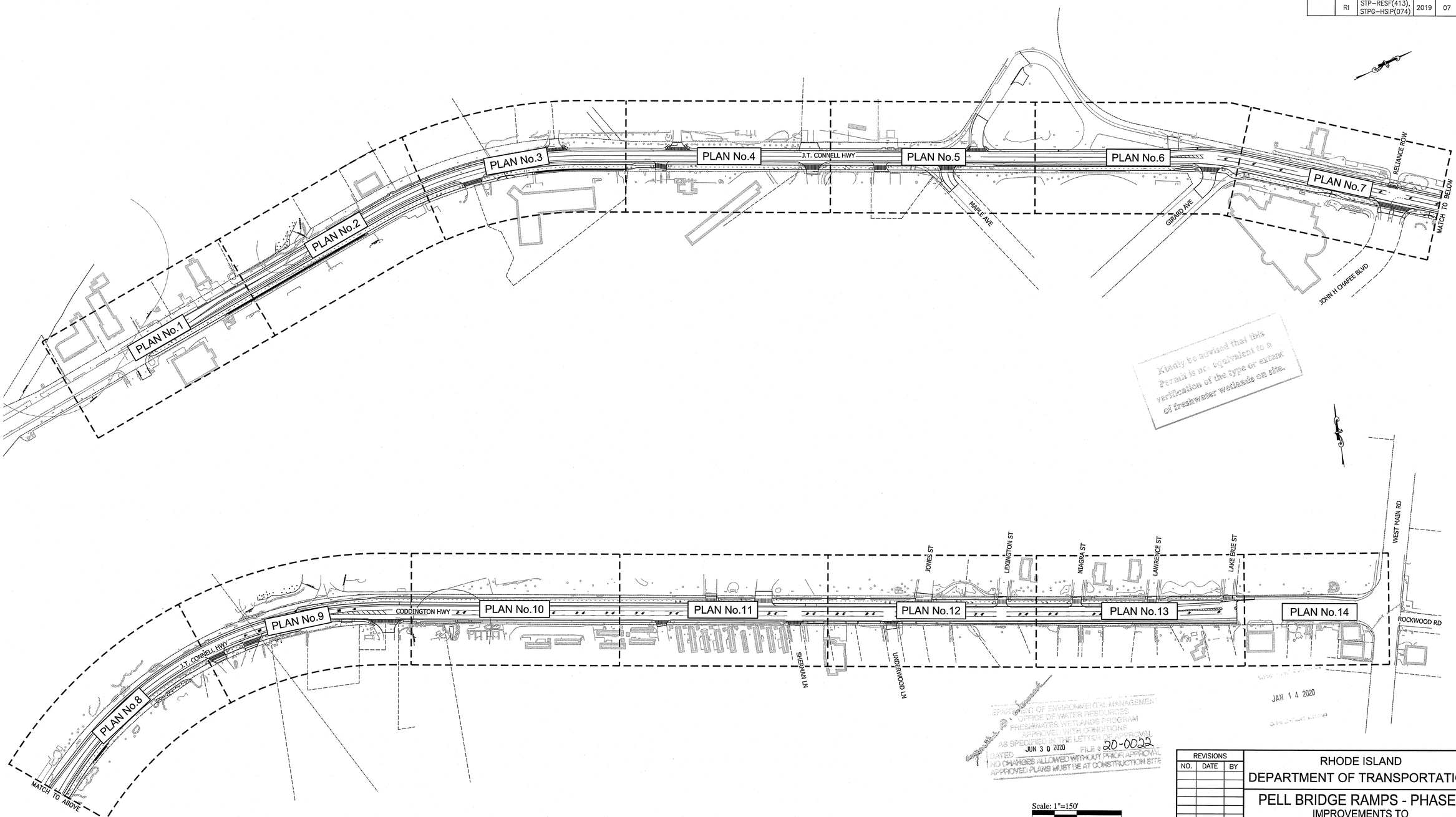
TYPICAL SECTIONS

CHECKED BY _____ DATE _____ SCALE N/A

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_006_TYPICAL001

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	07	68



Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Scale: 1"=150'
0 75' 150' 300'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

KEY PLAN

CHECKED BY _____ DATE _____ SCALE 1"=80'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_007_KEY001

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	08	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

166 J T CONNELL MEMORIAL RD
Map/Lot 04/ 057
BARRY REALTY LLC
Book/Page 1770/ 301

176 J T CONNELL MEMORIAL RD
Map/Lot 04/ 066
SAMJUL ENTERPRISES LLC
Book/Page 2225/ 231

188 J T CONNELL MEMORIAL RD
Map/Lot 04/ 074
SAMJUL ENTERPRISES LLC
Book/Page 2225/ 231

194 J T CONNELL MEMORIAL RD
Map/Lot 04/ 076
SAMUELS REALTY CO INC
Book/Page 330/ 466

202 J T CONNELL MEMORIAL RD
Map/Lot 04/ 082
PIZZA HUT OF AMERICA INC
Book/Page 2414/ 240

199 JT CONNELL MEMORIAL RD
Map/Lot 04/ 075
RK NEWPORT LLC
Book/Page 750/ 113

R4
R3
R2
R1
RIVER >10' WIDE
200' RIVERBANK WETLAND
S.H.L. PLAT NO. 712
P.E.B. PLAT 72A
P.E.B. PLAT 72B
UP 56
UP 56B1
UP 57
UP 57.5
UP 58.5
UP 58A
UP 59
UP 60
UP 64-30
"PED X-ING"
GRASS
BIT
CC
LOD
TS
SW
ETR
SIDEWALK & CURB
DFP
BCD
FDR
P
P1
LS
DC
DSW
7.3.0S
43.1.0M
47.1.1
7.3.6
CURB
SRW
SRF
INVERT INV 12 RCP ELEV. 6.79
PUSH
MATCH LINE TO GENERAL PLAN No.2
AREA SUBJECT TO STORM
WF CL ASSF 2
WF CL ASSF 1
#16
#1
J.T. Connell Highway
37+00
38+00
39+00
40+00
41+00
42+00
(B)2+00
(B)3+00
(B)4+00

LIMIT OF WORK STA: 39+15
R.I. FAP No. STP-RESF(413), STPG-HSIP(074)
R.I. CONTRACT No. 2019-CH-033
N155309.1824, E377990.2835

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0032
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

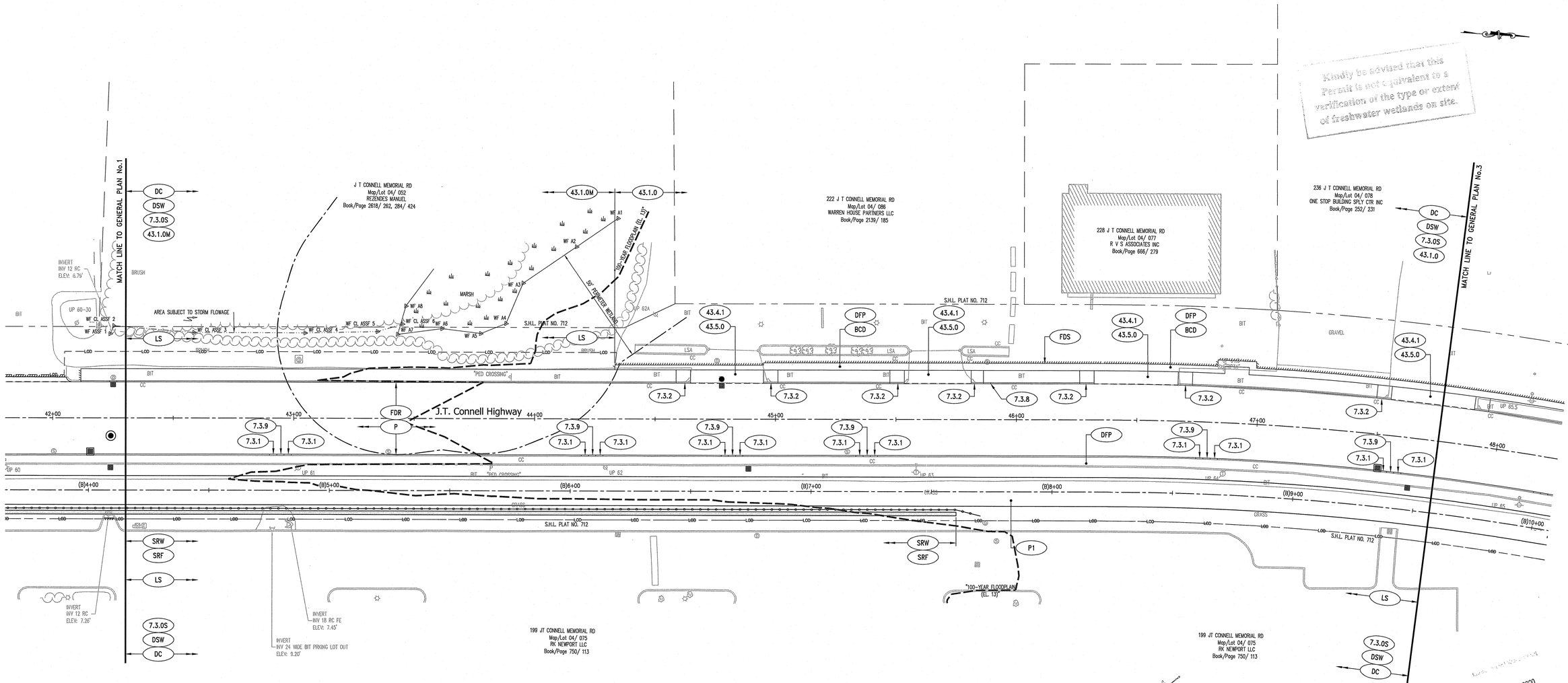
PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.1

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_008_GENERAL001

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	09	68



Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 1 4 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

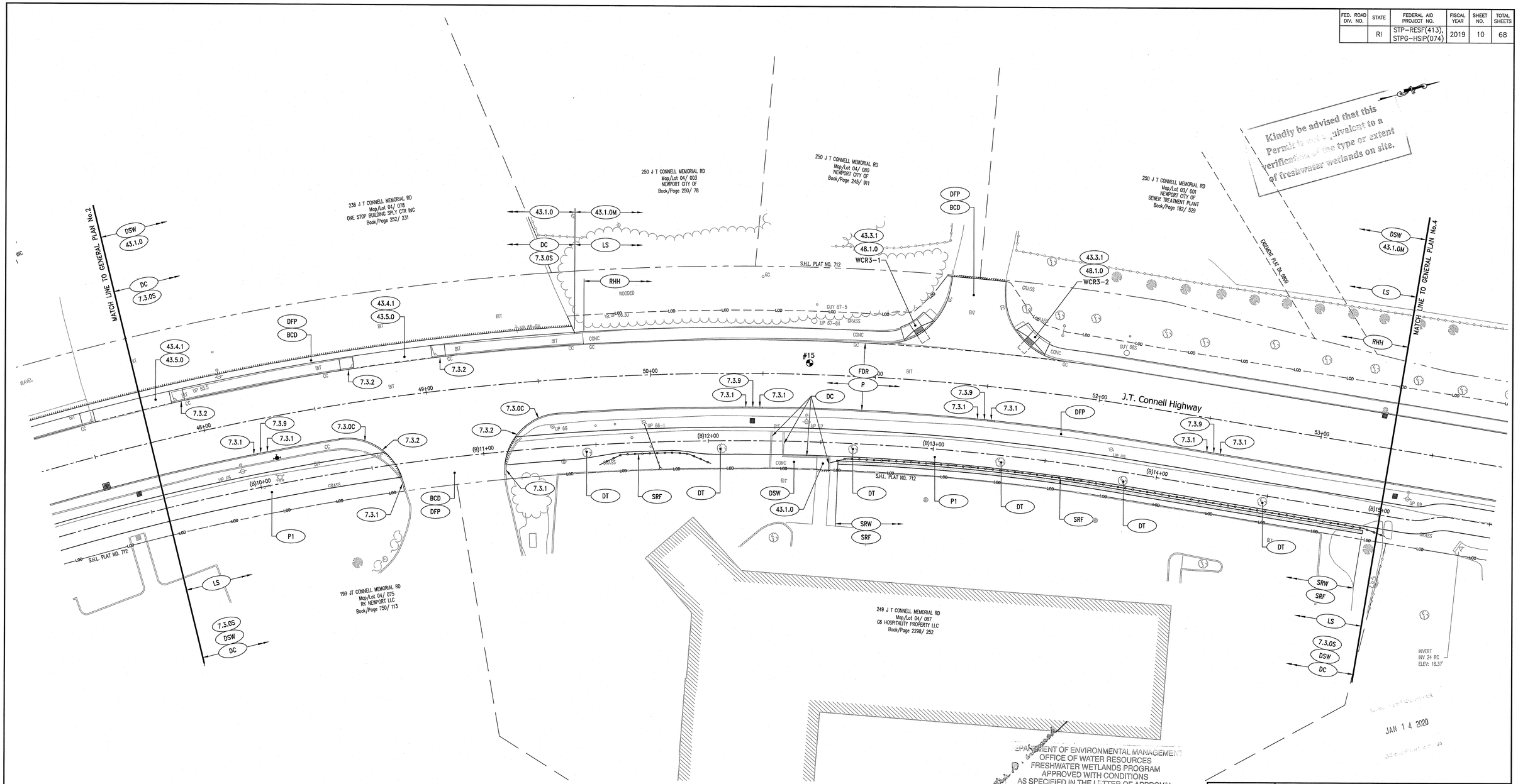
PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.2

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_009_GENERAL002

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	10	68



REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.3

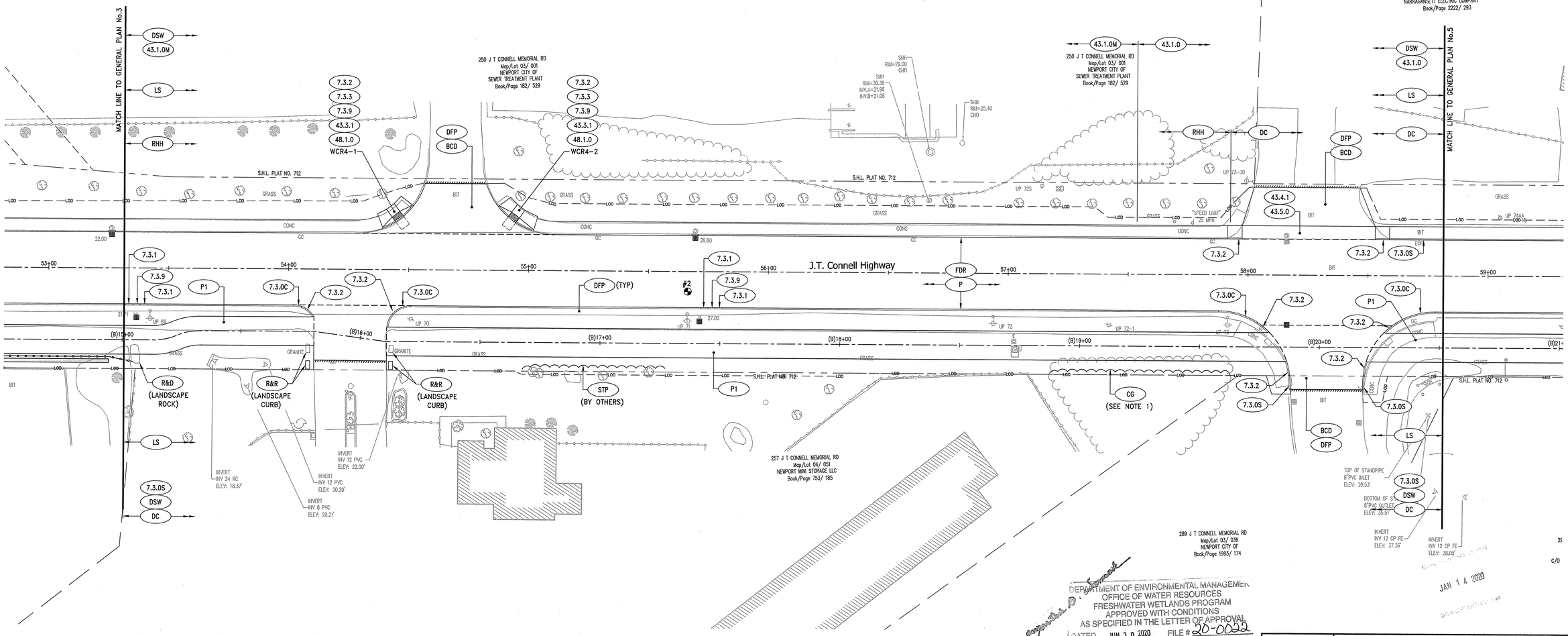
CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_010_GENERAL003

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	11	68

Kindly be advised that this Permit is equivalent to a verification as to the type or extent of freshwater wetlands on site.



NOTE:
1. VEGETATION SHALL BE REMOVED TO PROVIDE A VERTICAL CLEARANCE OF 15 FEET FROM THE SURFACE OF THE SHARED USE PATH AND A MINIMUM HORIZONTAL CLEARANCE OF 5 FEET.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED JUN 3 0 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

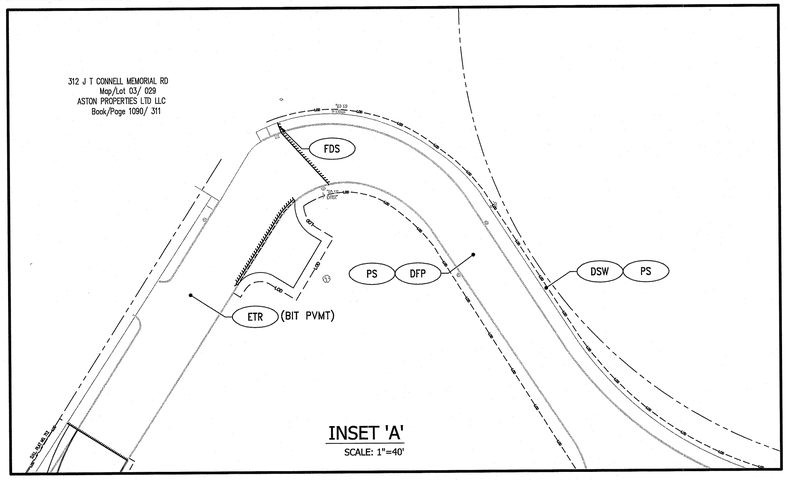
PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.4

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_011_GENERAL004

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	12	68



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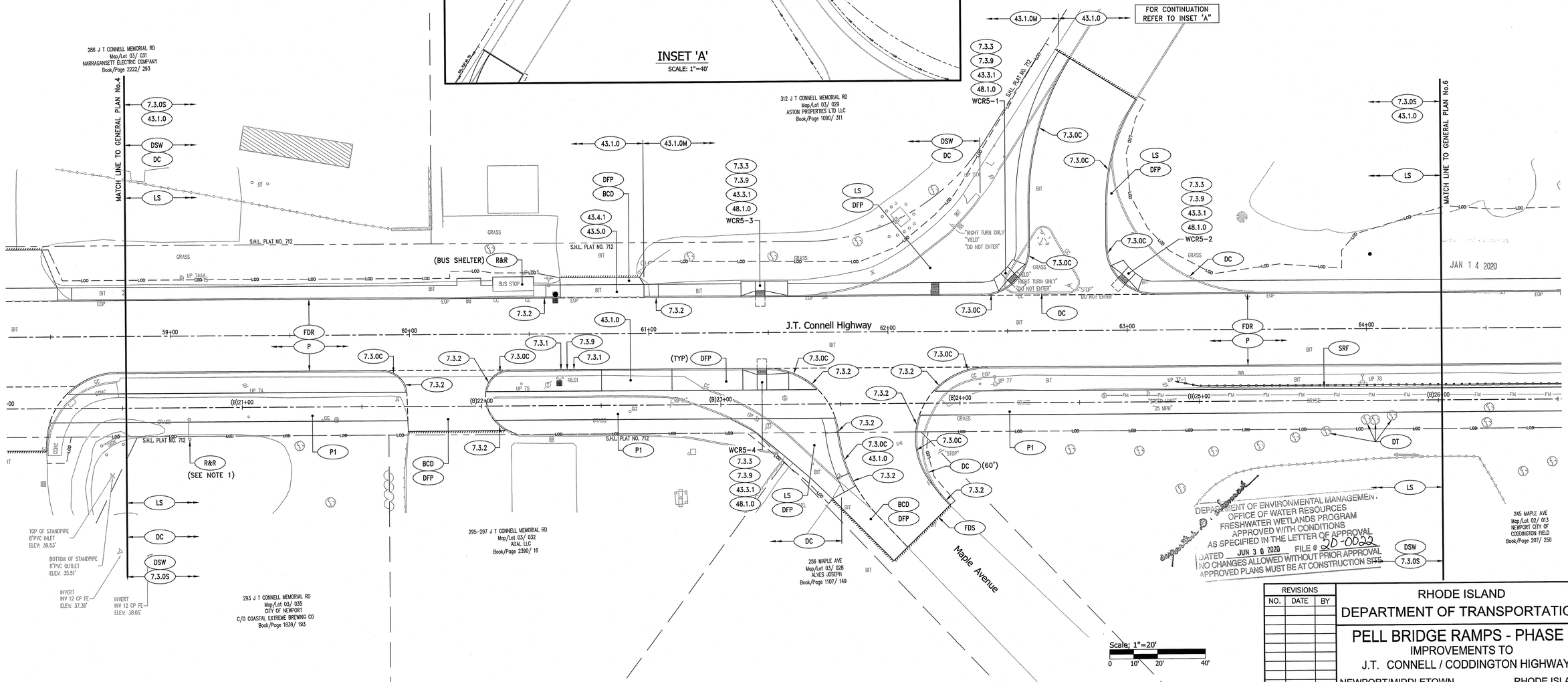

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

NOTE:
1. FUTURE LOCATION OF SIGN TO BE COORDINATED WITH PROPERTY OWNER.

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

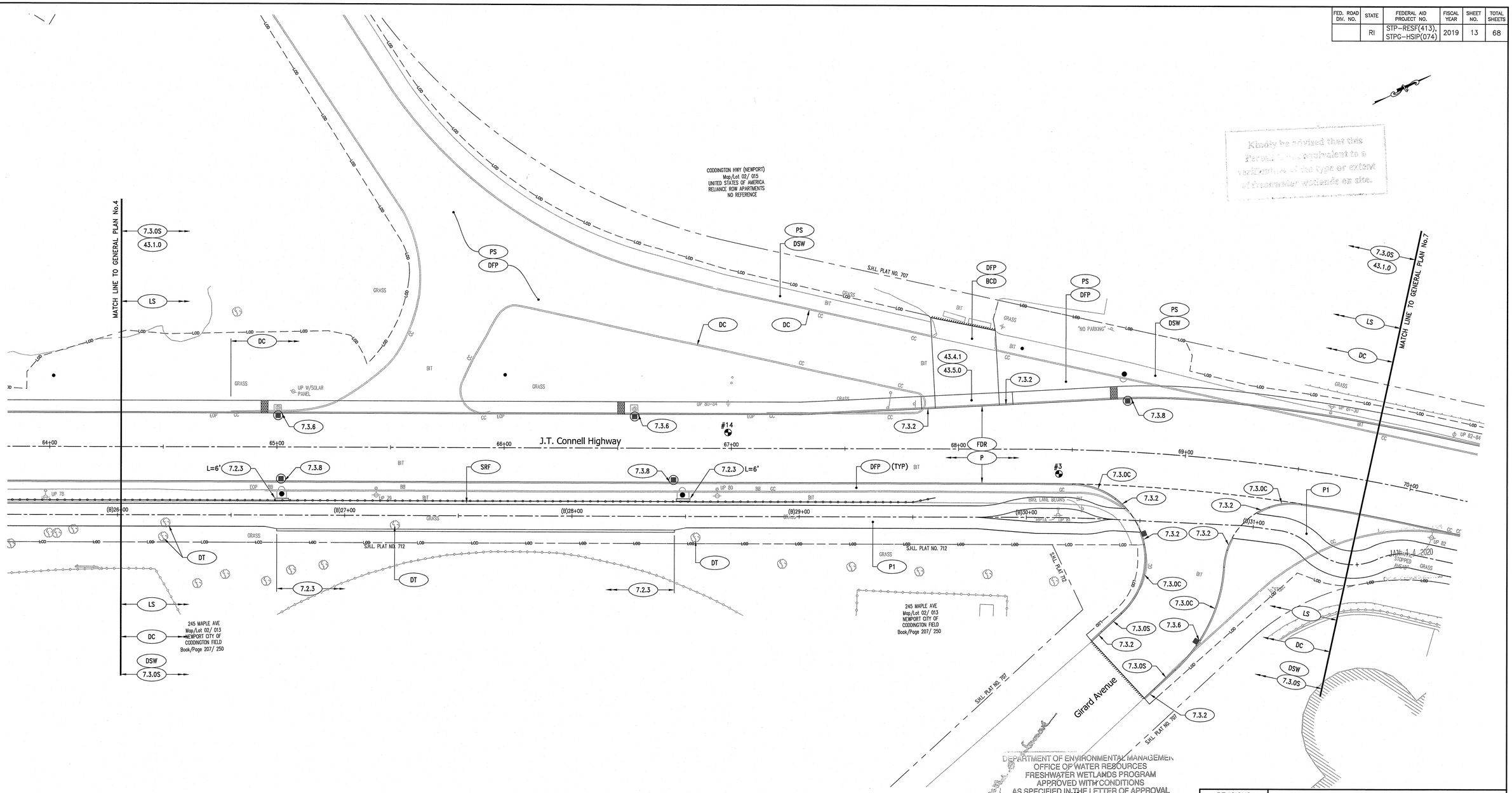
GENERAL PLAN No.5

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_012_GENERAL005

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	13	68



Kindly be advised that this Permit is equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.6

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_013_GENERAL006

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	14	68

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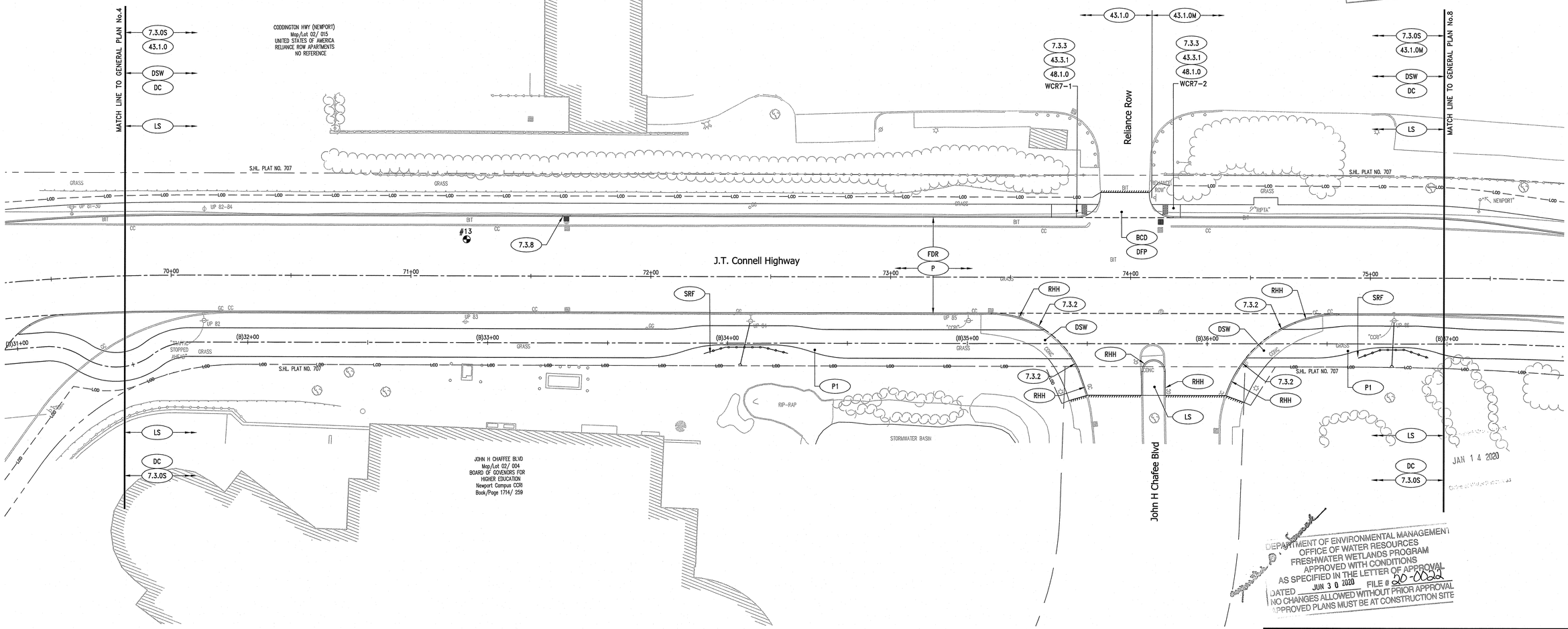

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
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0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.7

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_014_GENERAL007

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	15	68

Kindly be advised that this Permit is equivalent to a verification as to the type or extent of freshwater wetlands on site.

CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 015
UNITED STATES OF AMERICA
RELIANCE ROW APARTMENTS
NO REFERENCE

MATCH LINE TO GENERAL PLAN No.7

MATCH LINE TO GENERAL PLAN No.9

J.T. Connell Highway

S.H.L. PLAT NO. 707

S.H.L. PLAT NO 707

"RIGHT LANE MUST TURN RIGHT"

"CENTER LANE ONLY"

"NO PARKING"

"CONC"

"KL NEWPORT"

7.3.0S
43.1.0M
DSW
DC
LS
7.3.0C

FDR
P
DFP (TYP.)
DH
R&S
STP
SRF
SRW
DT
P1
CG

75+00
76+00
77+00
78+00
79+00
80+00
81+00
(B)37+00
(B)38+00
(B)39+00
(B)40+00
(B)41+00
(B)42+00

UP-FACING PANEL
2 LIGHTS
TRAFFIC SIGN MESSAGE
WHEN FLASHING

INVERT
INV 12 RC
ELEV. 16.89'
CONC HW=16.3'

WF E1
WF E2
WF E3
WF E4
WF E5
WF E6
WF E7
WF E8
WF F1
WF F2

FORESTED WETLAND

AREA SUBJECT TO STORM FLOWAGE

CODDINGTON HGY (NEWPORT)
Map/Lot 02/ 030
NEWPORT CITY OF
Book/Page 2558/ 29

372 CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 016
PINEAPPLE HOSPITALITY LLC
Book/Page 1337/ 98

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.8

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_015_GENERAL008

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	16	68

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MATCH LINE TO GENERAL PLAN No.8

MATCH LINE TO GENERAL PLAN No.10

TOWN OF MIDDLETOWN
TOWN OF NEWPORT

J.T. Connell Highway

Coddington Highway

CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 015
UNITED STATES OF AMERICA
RELIANCE ROW APARTMENTS
NO REFERENCE

CODDINGTON HWY
Map/Block/Lot 101//21
UNITED STATES OF AMERICA
NO REFERENCE

RIDEM WETLAND COMPLEX (MARSH/SHRUB WETLAND)

WF B1 WF B2 WF B3 WF B4 WF B5 WF B6 WF B7 WF B8 WF B9 WF B10

50' PERIMETER WETLAND

"100-YEAR FLOODPLAIN (EL. 14')

"100-YEAR FLOODPLAIN (EL. 14'

S.H.L. PLAT NO 707

STREET LINE

"CENTER LANE"

"RIPTA"

"BIKE LANE"

SHRUB WETLAND

WF C1 WF C2 WF C3 WF D1 WF D2 WF D3

"WELCOME TO MIDDLETOWN"

AREA SUBJECT TO STORM FLOWAGE

100' RIVERBANK WETLAND

CODDINGTON HWY
Map/Block/Lot 101//21
UNITED STATES OF AMERICA
NO REFERENCE

372 CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 016
PINEAPPLE HOSPITALITY LLC
Book/Page 1337/ 98

350 CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 033
RHODE ISLAND PUBLIC TRANSIT AUTHORITY
Book/Page 500/ 277

350 CODDINGTON HWY
Map/Block/Lot 103//2
RHODE ISLAND PUBLIC TRANSIT AUTHORITY
Book/Page 0247/0292

326 CODDINGTON HWY
Map/Block/Lot 103//101
TOWN OF MIDDLETOWN
Book/Page 1367/0175

320 CODDINGTON HWY
Map/Block/Lot 103//3
TOWN OF MIDDLETOWN
Book/Page 0070/0183

CODDINGTON HWY
Map/Block/Lot 103//103
MELLO REALTY INC
Book/Page 01333/0221

#11 #12

WCR9-1 WCR9-2

JAN 14 2020

JUN 30 2020

20-0022

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.9

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_016_GENERAL009

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	17	68

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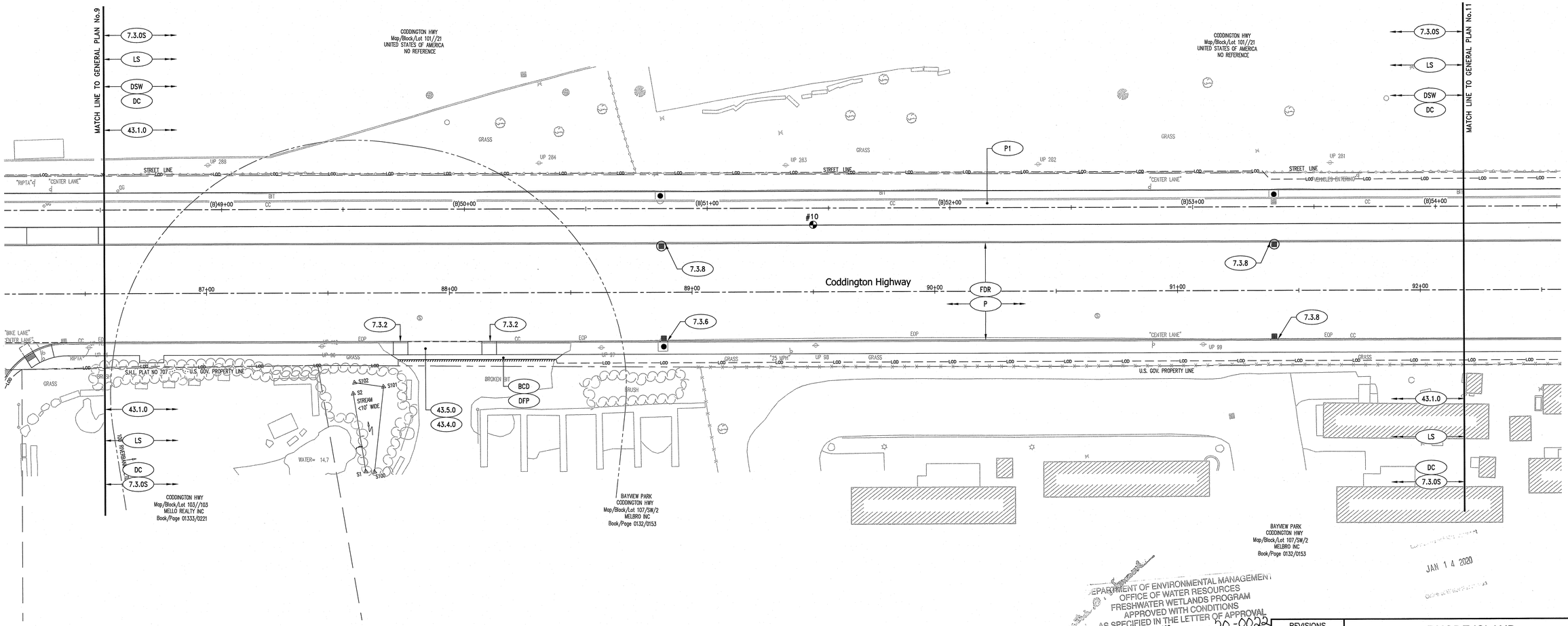

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.10

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_017_GENERAL010

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	18	68

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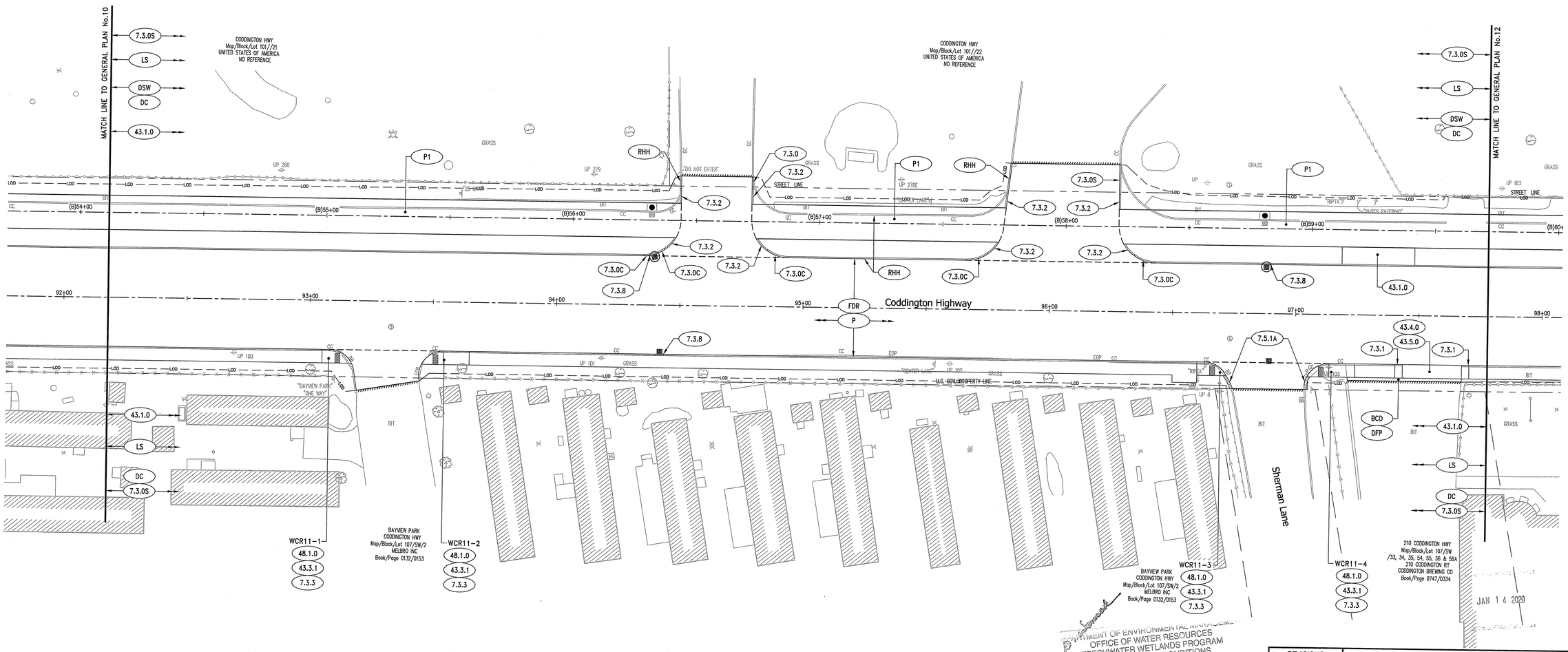

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
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0 10' 20' 40'

JAN 14 2020

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.11

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_018_GENERAL011

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	19	68

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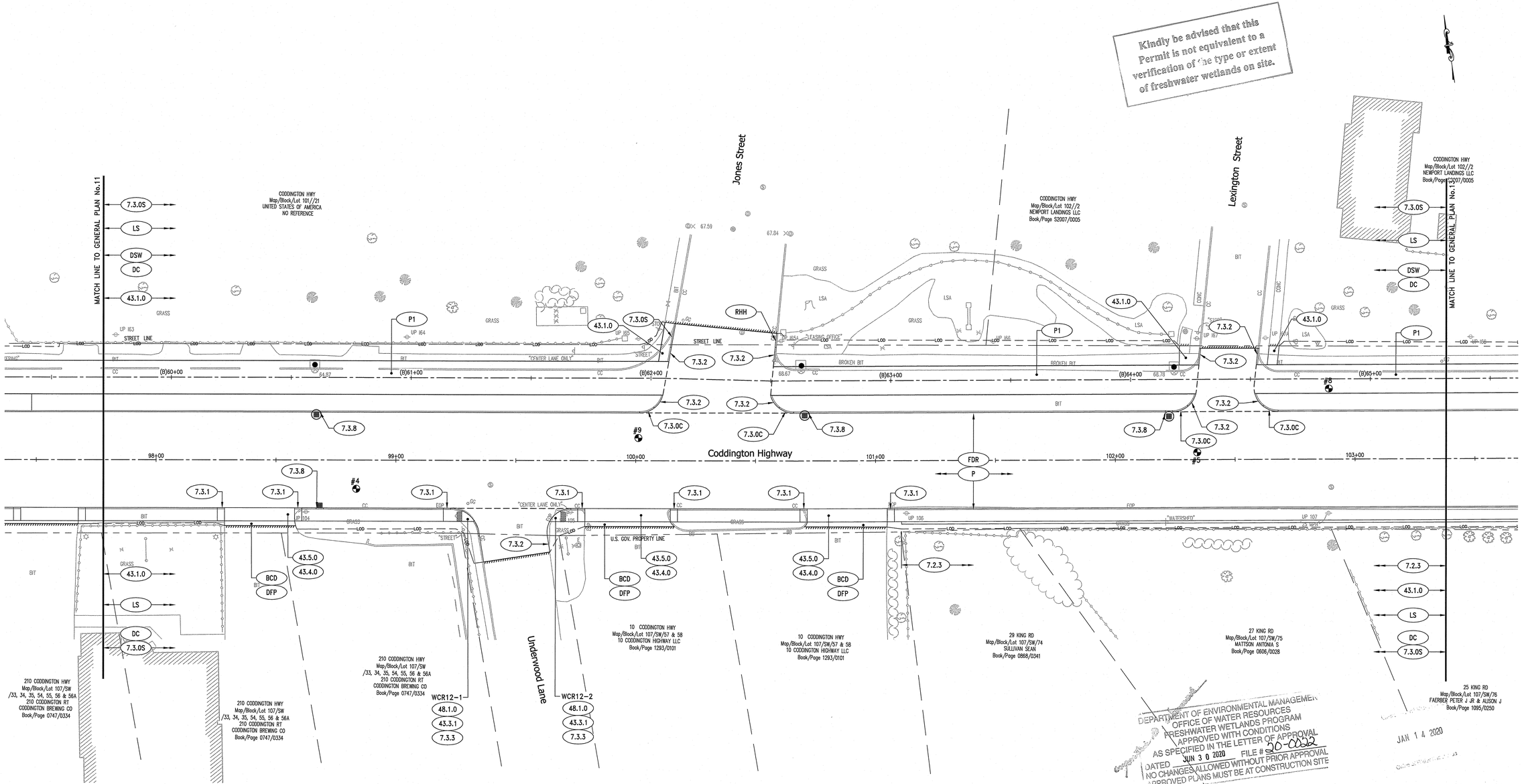


DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0052
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

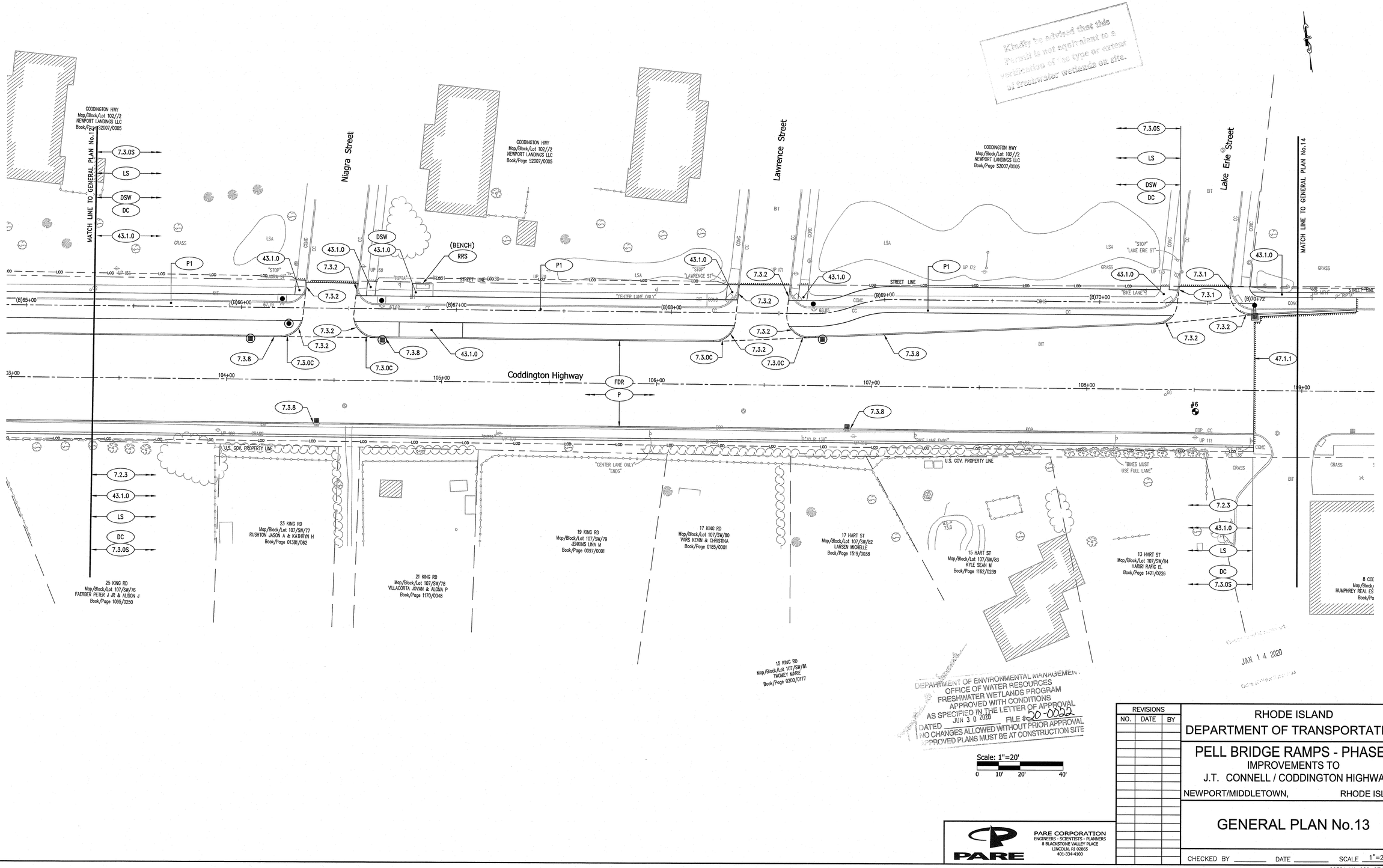
GENERAL PLAN No.12

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_019_GENERAL012

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	20	68



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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
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JAN 14 2020

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.13

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_020_GENERAL013

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	21	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

Lake Erie Street

MATCH LINE TO GENERAL PLAN No.13

WEST MAIN RD
Map/Block/Lot 102//7
UNITED STATES OF AMERICA
NO REFERENCE

SNAL PLAT NO. 952

569 WEST MAIN RD
Map/Block/Lot 107/SE/32
RENAISSANCE DEVELOPMENT CORP
Book/Page 0248/0091

BENCHMARK:
MDXSK L-28
ELEV: 74.58'

43.1.0
LS

GRASS
UP 174
UP 175
"ADOPT A HIGHWAY"
STREET LINE
UP 114S
CONC
CC
BIT
(B)70+72
SIGN
RIP RAP
LOD
CANE GRASS MIXING RIGHT
8'
UP 315
CBDH

Coddington Highway

Rockwood Road

100+00 110+00 111+00 #7 112+00 112+30

LIMIT OF WORK STA: 112+00
R.I. FAP No. STP-RESF(413), STPG-HSIP(074)
R.I. CONTRACT No. 2019-CH-033
N158531.9960, E382722.4890

CC
111
PC
RIE 135
CONC
GRASS
BIT
BRUSH
UP 112
"BIKE MAY USE FULL LANE"
"EMERGENCY EVAC ROUTE"
U.S. GOV. PROPERTY LINE
UP 113
AIRPLANE
DIP 114
CBDH
"TO 135'
"PI 114"
SNAL PLAT NO. 952
UP 316

8 CODDINGTON HWY
Map/Block/Lot 107/SW/85
HUMPHREY REAL ESTATE HOLDINGS LLC
Book/Page 0554/0036

7 HART ST
Map/Block/Lot 107/SW/86
LIBBY GARY E JR
Book/Page DC2013/0190, 1301/0207

5 HART ST
Map/Block/Lot 107/SW/87
SMUDGECO LLC
Book/Page 1431/0154

2-4 CODDINGTON HWY
Map/Block/Lot 107/SW/88
SMUDGECO LLC
Book/Page 1293/158

554 WEST MAIN RD
Map/Block/Lot 107/SW/89
SMUDGECO LLC
Book/Page 1406/179

553 WEST MAIN RD
Map/Block/Lot 107/SE/59
DANGELO INC
Book/Page 0157/1151

West Main Road

RECEIVED
JAN 14 2020
OFFICE OF WATER RESOURCES

RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
SEE LETTER DATED
AS SPECIFIED IN SUP. PLANS, UNDERWAY
DATED, ATTACHED AND MADE A PART HEREOF
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
STAMPED PLANS MUST BE AT CONSTRUCTION SITE
JUN 30 2020
2D-0022

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GENERAL PLAN No.14

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_021_GENERAL014

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	22	68

Kindly be advised that this Permit is not equivalent to a verification as to the type or extent of freshwater wetlands on site.

166 J T CONNELL MEMORIAL RD
Map/Lot 04/ 057
BARRY REALTY LLC
Book/Page 1770/ 301

176 J T CONNELL MEMORIAL RD
Map/Lot 04/ 066
SAMJUL ENTERPRISES LLC
Book/Page 2225/ 231

188 J T CONNELL MEMORIAL RD
Map/Lot 04/ 074
SAMJUL ENTERPRISES LLC
Book/Page 2225/ 231

194 J T CONNELL MEMORIAL RD
Map/Lot 04/ 076
SAMUELS REALTY CO INC
Book/Page 330/ 466

202 J T CONNELL MEMORIAL RD
Map/Lot 04/ 082
PIZZA HUT OF AMERICA INC
Book/Page 2414/ 240

199 JT CONNELL MEMORIAL RD
Map/Lot 04/ 075
RK NEWPORT LLC
Book/Page 750/ 113

RIVER >10' WIDE

R1 R2 R3 R4

200' RIVERBANK WETLAND

S.H.L. PLAT NO. 712

P.E.B. PLAT 712A

MATCH EXISTING GRADE (TYP)

MATCH EXISTING GRADE

LIMIT OF WORK STA: 39+15
R.I. FAP No. STP-RESF(413), STPG-HSIP(074)
R.I. CONTRACT No. 2019-CH-033
N155309.1824, E377990.2835

J.T. Connell Highway

MATCH LINE TO GRADE PLAN No.2

AREA SUBJECT TO STORM

T.O.W.: 12.38

T.O.W.: 12.77

INVERT INV 12 RC ELEV: 6.79'

INVERT INV 12 RC ELEV: 7.26'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

PARE
PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

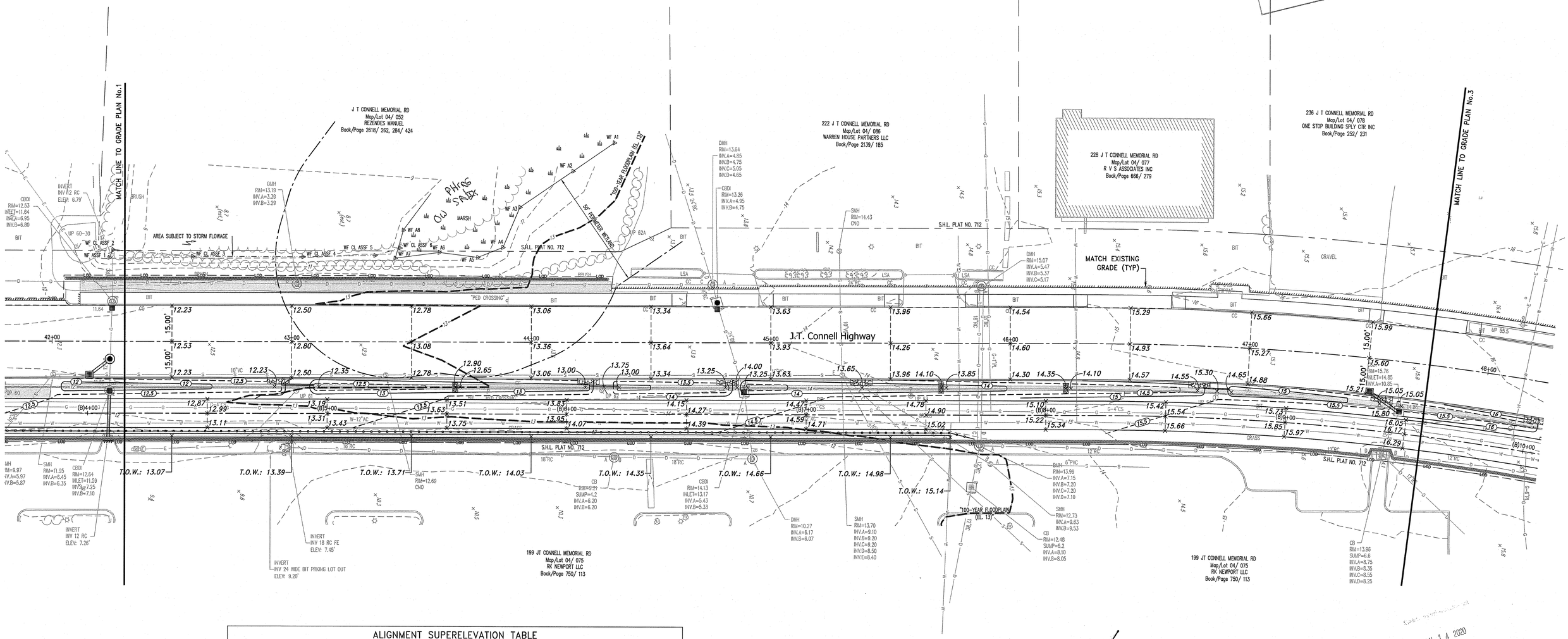
GRADE PLAN No.1

CHECKED BY _____ DATE _____ SCALE 1"=20'

00504_V1_037_GRADE001

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	23	68

Kindly be advised that this Permit is equivalent to a verification of the type or extent of freshwater wetlands on site.



ALIGNMENT SUPERELEVATION TABLE

	STATION	DESCRIPTION	LEFT LANE	RIGHT LANE
TRANSITION IN	45+70.51	END NORMAL CROWN	-2.00%	-2.00%
	46+06.66	LEVEL CROWN	0.00%	-2.00%
	46+42.81	REVERSE CROWN	2.00%	-2.00%
FULL SUPER	46+53.66	BEGIN FULL SUPER	2.60%	-2.60%
	52+05.01	END FULL SUPER	2.60%	-2.60%
TRANSITION OUT	52+15.85	REVERSE CROWN	2.00%	-2.00%
	52+52.01	LEVEL CROWN	0.00%	-2.00%
	52+88.16	BEGIN NORMAL CROWN	-2.00%	-2.00%

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED JUN 3 0 2020 FILE # 20-0022
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Scale: 1"=20'
0 10' 20' 40'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.2

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_038_GRADE002

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	24	68

Kindly be advised that this Permit is subject to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO GRADE PLAN No.2

MATCH LINE TO GRADE PLAN No.4

MATCH EXISTING GRADE (TYP)

236 J T CONNELL MEMORIAL RD
Map/Lot 04/ 078
ONE STOP BUILDING SPLY CTR INC
Book/Page 252/ 231

250 J T CONNELL MEMORIAL RD
Map/Lot 04/ 033
NEWPORT CITY OF
Book/Page 250/ 78

250 J T CONNELL MEMORIAL RD
Map/Lot 04/ 080
NEWPORT CITY OF
Book/Page 245/ 911

250 J T CONNELL MEMORIAL RD
Map/Lot 03/ 001
NEWPORT CITY OF
SEWER TREATMENT PLANT
Book/Page 182/ 529

199 JT CONNELL MEMORIAL RD
Map/Lot 04/ 075
RK NEWPORT LLC
Book/Page 750/ 113

249 J T CONNELL MEMORIAL RD
Map/Lot 04/ 087
OS HOSPITALITY PROPERTY LLC
Book/Page 2298/ 252

S.H.L. PLAT NO. 712

EASEMENT PLAT BK. 0900

J.T. Connell Highway

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.3

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_039_GRADE003

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	25	114

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO GRADE PLAN No.3

MATCH EXISTING GRADE (TYP)

CBDI
RIM=22.80
INLET=22.00
INV.A=18.20
INV.B=16.70
INV.C=16.40

250 J T CONNELL MEMORIAL RD
Map/Lot 03/ 001
NEWPORT CITY OF
SEWER TREATMENT PLANT
Book/Page 182/ 529

CBDI
RIM=27.40
INLET=26.60
INV.A=22.20
INV.B=22.10
INV.C=22.10

SMH
RIM=29.00
CND

SMH
RIM=30.36
INV.A=21.96
INV.B=21.06

SHM
RIM=25.40
CND

250 J T CONNELL MEMORIAL RD
Map/Lot 03/ 001
NEWPORT CITY OF
SEWER TREATMENT PLANT
Book/Page 182/ 529

286 J T CONNELL MEMORIAL RD
Map/Lot 03/ 031
NARRAGANSETT ELECTRIC COMPANY
Book/Page 2222/ 293

CBDI
RIM=35.04
INLET=34.96
SHELF=33.05
INV.A=29.85
INV.B=30.05
INV.C=29.75

MATCH LINE TO GRADE PLAN No.5

S.H.L. PLAT NO. 712

J.T. Connell Highway

CBDI
RIM=22.61
INLET=21.71
INV.A=17.70
INV.B=17.40

INVERT
INV 24 RC
ELEV: 18.37'

INVERT
INV 12 PVC
ELEV: 20.20'

INVERT
INV 8 PVC
ELEV: 20.21'

INVERT
INV 12 PVC
ELEV: 22.00'

CBDI
RIM=27.40
INLET=27.00
INV.A=22.60

257 J T CONNELL MEMORIAL RD
Map/Lot 04/ 051
NEWPORT MINI STORAGE LLC
Book/Page 753/ 185

CB
RIM=35.21
SUMP=29.50
NPV

CB
RIM=37.21
SUMP=30.20
INV.A=34.00
INV.B=33.70

289 J T CONNELL MEMORIAL RD
Map/Lot 03/ 036
NEWPORT CITY OF
Book/Page 1993/ 174

CB
RIM=37.64
SUMP=34.90
INV.A=35.15

TOP OF STANDPIPE
8"PVC INLET
ELEV: 39.53'

BOTTOM OF STANDPIPE
8"PVC OUTLET
ELEV: 35.51'

INVERT
INV 12 CP FE
ELEV: 37.36'

INVERT
INV 12 CP FE
ELEV: 38.05'

JAN 14 2020

Office of Water Resources

APPROVED
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.4

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_040_GRADE004

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	26	68

286 J T CONNELL MEMORIAL RD
Map/Lot 03/ 031
NARRAGANSETT ELECTRIC COMPANY
Book/Page 2222/ 293

MATCH LINE TO GRADE PLAN No.4

MATCH LINE TO GRADE PLAN No.6

312 J T CONNELL MEMORIAL RD
Map/Lot 03/ 029
ASTON PROPERTIES LTD LLC
Book/Page 1090/ 311

MATCH EXISTING GRADE (TYP)

Kindly be advised that this Permit is not approval as a verification of the type or extent of freshwater wetlands on site.

CBDI
RIM=35.04
INLET=34.96
SHELF=33.05
INV.A=29.85
INV.B=30.05
INV.C=29.75

CB
RIM=(8.40
SUMP=41.90
INV.A=43.60
INV.B=43.50

SHM
RIM=49.58
CNO

S.H.L. PLAT NO. 712

J.T. Connell Highway

Maple Avenue

BUS STOP

"STOP"

"DO NOT ENTER"

"YIELD" RIGHT TURN ONLY" "DO NOT ENTER"

"25 MPH"

SHM
RIM=52.16
INV.A=44.80
INV.B=44.80
INV.C=45.40
INV.D=47.00

SHM
RIM=54.34
INV.A=47.54
INV.B=47.44

CB
RIM=37.64
SUMP=34.00
INV.A=35.15

TOP OF STANDPIPE
8"PVC INLET
ELEV. 39.53'

BOTTOM OF STANDPIPE
8"PVC OUTLET
ELEV. 35.51'

INVERT
INV 12 CP FE
ELEV. 37.36'

INVERT
INV 12 CP FE
ELEV. 38.05'

293 J T CONNELL MEMORIAL RD
Map/Lot 03/ 035
CITY OF NEWPORT
C/O COASTAL EXTREME BREWING CO
Book/Page 1839/ 193

295-297 J T CONNELL MEMORIAL RD
Map/Lot 03/ 032
ADAL LLC
Book/Page 2390/ 16

CBDI
RIM=49.20
INLET=48.01
FULL OF DEBRIS
SUMP=44.2

256 MAPLE AVE
Map/Lot 03/ 028
ALVES JOSEPH
Book/Page 1107/ 149

245 MAPLE AVE
Map/Lot 02/ 013
NEWPORT CITY OF
CODDINGTON FIELD
Book/Page 207/ 250

WAY DUCT BANK

12"RC

EOP

BIT

GRASS

GRAVEL

LOD

Scale: 1"=20'
0 10' 20' 40'

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0032
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.5

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_041_GRADE005_REV03

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	27	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO GRADE PLAN No.5

MATCH LINE TO GRADE PLAN No.7

CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 015
UNITED STATES OF AMERICA
RELIANCE ROW APARTMENTS
NO REFERENCE

S.H.L. PLAT NO. 707

S.H.L. PLAT NO. 712

J.T. Connell Highway

Girard Avenue

MATCH EXISTING GRADE (TYP)

245 MAPLE AVE
Map/Lot 02/ 013
NEWPORT CITY OF CODDINGTON FIELD
Book/Page 207/ 250

CBDI
RIM=52.74
INLET=51.87
INV.A=49.95
INV.B=48.15
INV.C=47.84

CBDI
RIM=51.23
INLET=50.21
INV.A=46.65
INV.B=46.65
INV.C=46.45

CBDI
RIM=49.85
INLET=48.92
INV.A=44.75
INV.B=44.65

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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AS SPECIFIED IN THE LETTER OF APPROVAL
JUN 3 0 2020 FILE # 20-0022
DATED _____
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JAN 1 4 2020

Scale: 1" = 20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.6

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

00504_V1_042_GRADE006.PDF00

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	28	68

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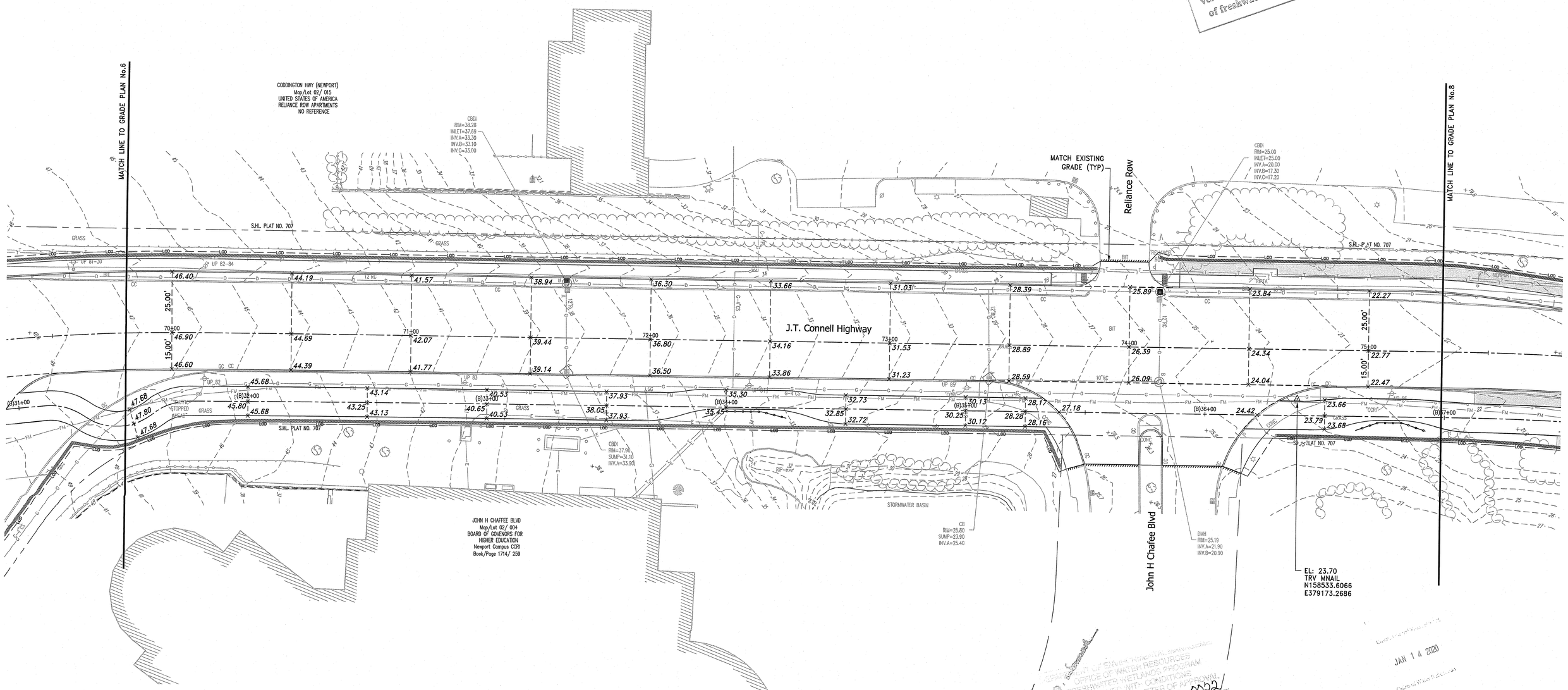

RECEIVED
JAN 14 2020
Coastal Resources Mgmt. Council

STATE OF RI DEM/CRMC COASTAL RESOURCES MGMT. COUNCIL
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
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REVISIONS		
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RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.7

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_043_GRADE007

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	29	68

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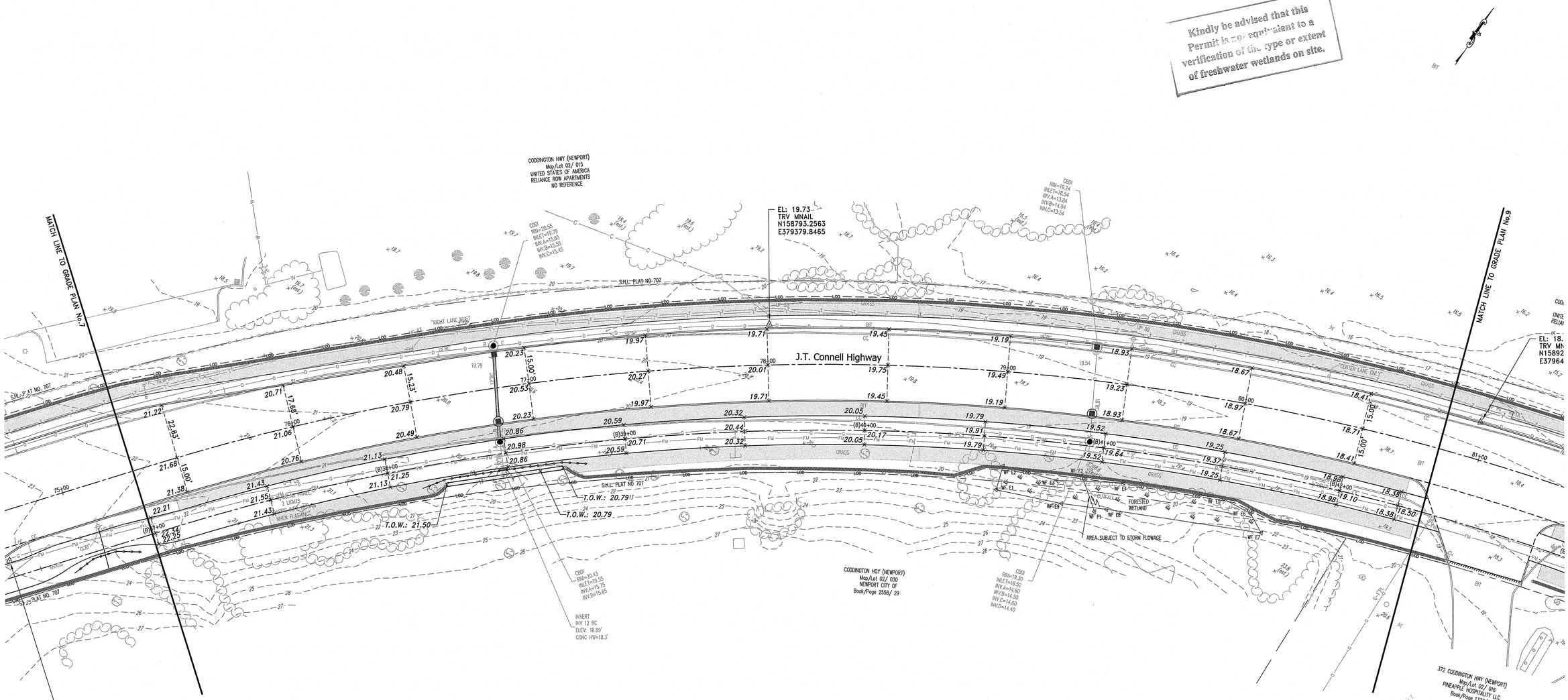

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
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J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.8

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_044_GRADE008

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	30	68

Approved as to form and legal sufficiency as to the rights of the State of Rhode Island under the 4(f)

MATCH LINE TO GRADE PLAN No.8

MATCH LINE TO GRADE PLAN No.10

TOWN OF MIDDLETOWN
TOWN OF NEWPORT

J.T. Connell Highway

Coddington Highway

S.H.L. PLAT NO 707

"100-YEAR FLOODPLAIN (EL. 14')"

RIDEM WETLAND COMPLEX (MARSH/SHRUB WETLAND)

WF B1 WF B2 WF B3 WF B4 WF B5 WF B6 WF B7 WF B8 WF B9 WF B10

50' PERIMETER WETLAND

SHRUB WETLAND

"WELCOME TO MIDDLETOWN"

AREA SUBJECT TO STORM FLOWAGE

MATCH EXISTING GRADE (TYP)

"BIKE LANE" "CENTER LANE"

100' RIVERBANK WETLAND

CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 015
UNITED STATES OF AMERICA
RELIANCE ROW APARTMENTS
NO REFERENCE

CODDINGTON HWY
Map/Block/Lot 101//21
UNITED STATES OF AMERICA
NO REFERENCE

372 CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 016
PINEAPPLE HOSPITALITY LLC
Book/Page 1537/ 98

350 CODDINGTON HYW (NEWPORT)
Map/Lot 02/ 003
RHODE ISLAND PUBLIC TRANSIT AUTHORITY
Book/Page 500/ 277

350 CODDINGTON HWY
Map/Block/Lot 103//2
RHODE ISLAND PUBLIC TRANSIT AUTHORITY
Book/Page 0247/0292

326 CODDINGTON HWY
Map/Block/Lot 103//101
TOWN OF MIDDLETOWN
Book/Page 1367/0175

320 CODDINGTON HWY
Map/Block/Lot 103//5
TOWN OF MIDDLETOWN
Book/Page 0070/0183

CODDINGTON HWY
Map/Block/Lot 103//103
MELLO REALTY INC
Book/Page 01333/0221

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
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0 10' 20' 40'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.9

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_045_GRADE009

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	31	114

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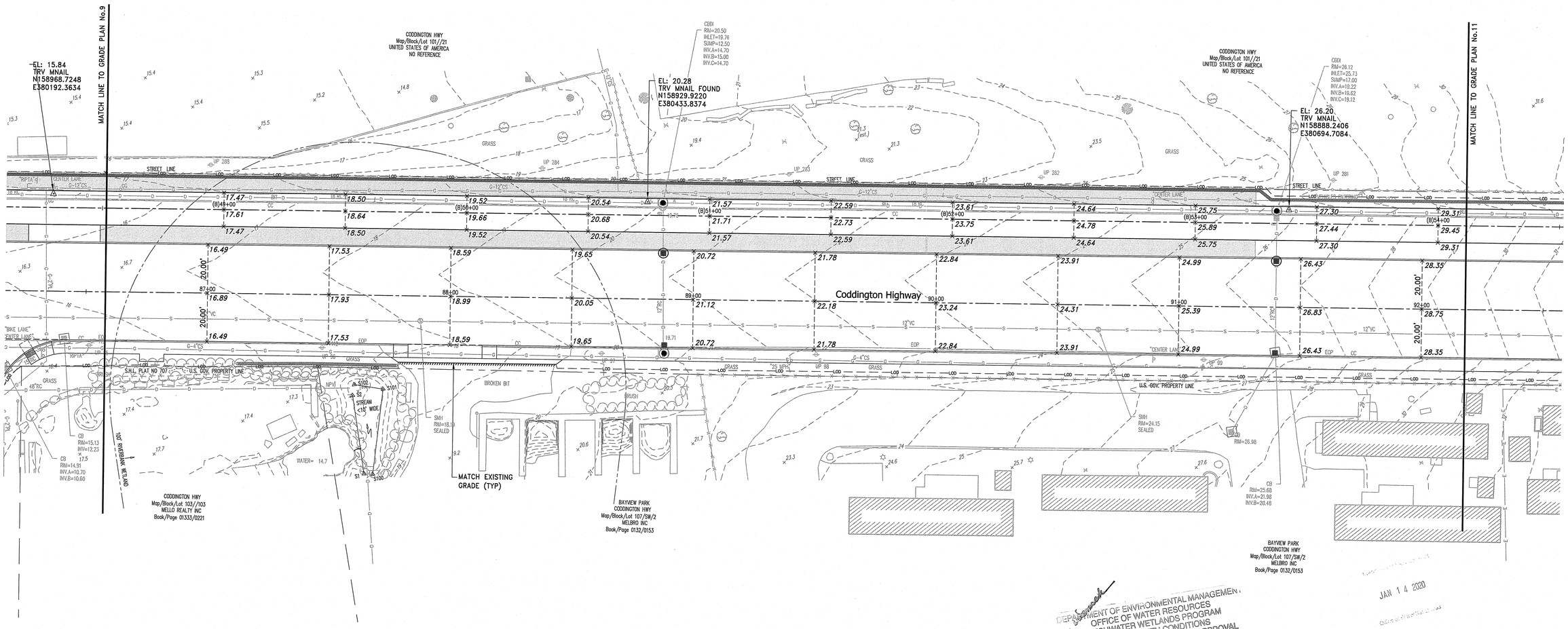

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
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JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

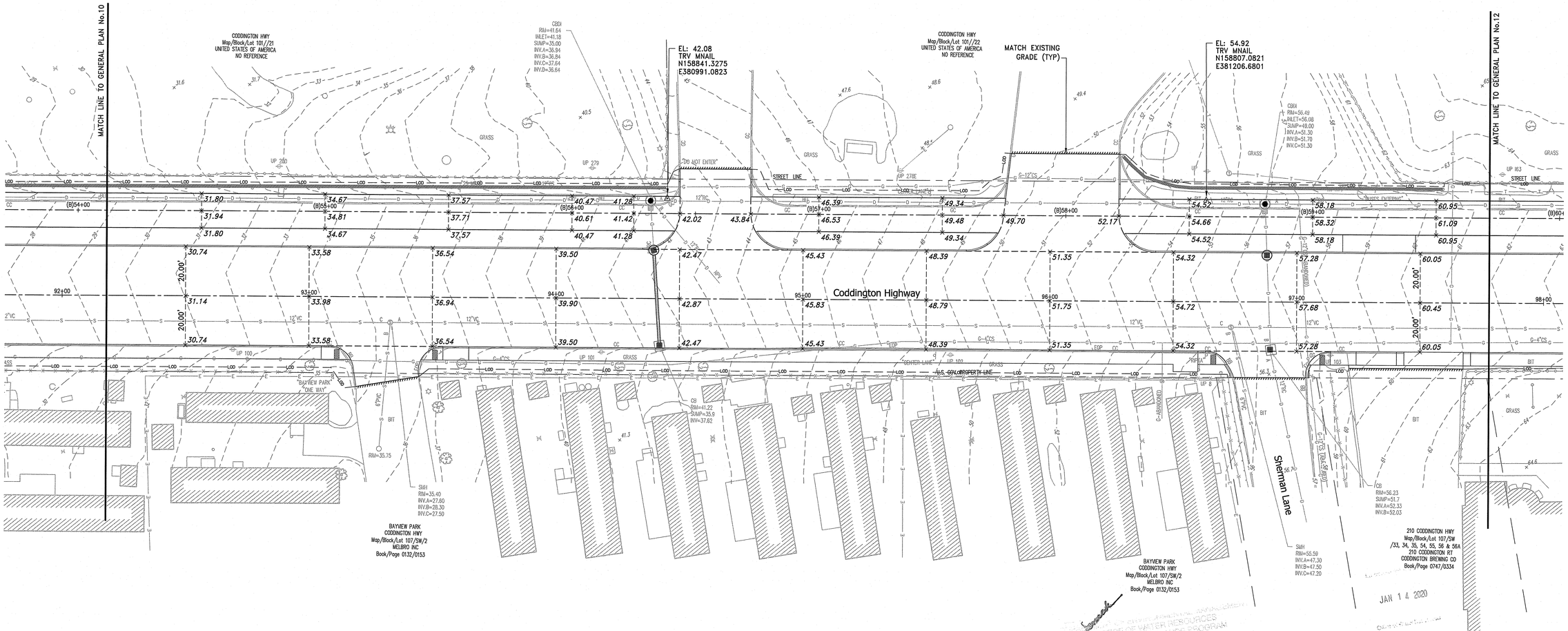
GRADE PLAN No.10

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_046_GRADE010

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	32	114

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.11

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_047_GRADE011

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	33	68

Kindly be advised that this should not be taken as a certification of the type or extent of freshwater wetlands on site.

MATCH LINE TO GENERAL PLAN No.11

CODDINGTON HWY
Map/Block/Lot 101//21
UNITED STATES OF AMERICA
NO REFERENCE

EL: 68.53
TRV MNAIL FND 722
N158756.4705
E381529.0274

MATCH EXISTING GRADE (TYP)

Jones Street

DMH
RIM=68.45
INV.A=60.25
INV.B=60.05
INV.C=59.95

SMH
RIM=68.41
INV=60.11

CBDI
RIM=68.74
INLET=67.84
SUMP=62.64
INV.A=64.44
INV.B=63.94

DMH
RIM=68.51
INV.A=60.30
INV.B=60.20

CBDI
RIM=69.38
INLET=68.67
SUMP=63.50
INV.A=65.38

CODDINGTON HWY
Map/Block/Lot 102//2
NEWPORT LANDINGS LLC
Book/Page S2007/0005

CB
RIM=69.41
INV.A=60.90
INV.B=65.40
INV.C=60.90

EL: 69.28
TRV MNAIL
N158718.6026
E381765.5621

Lexington Street

SMH
RIM=68.79
INV=61.30

CODDINGTON HWY
Map/Block/Lot 102//2
NEWPORT LANDINGS LLC
Book/Page S2007/0005

MATCH LINE TO GENERAL PLAN No.11

Coddington Highway

Underwood Lane

SMH
RIM=67.58
INV.A=56.48
INV.B=57.08
INV.C=56.38

CB
RIM=65.16
SUMP=60.0
INV=61.86

SMH
RIM=68.82
INV.A=58.32
INV.B=59.22

U.S. GOV. PROPERTY LINE

56.23
=51.7
=52.33
=52.03

210 CODDINGTON HWY
Map/Block/Lot 107/SW
/33, 34, 35, 54, 55, 56 & 56A
210 CODDINGTON RT
CODDINGTON BREWING CO
Book/Page 0747/0334

210 CODDINGTON HWY
Map/Block/Lot 107/SW
/33, 34, 35, 54, 55, 56 & 56A
210 CODDINGTON RT
CODDINGTON BREWING CO
Book/Page 0747/0334

10 CODDINGTON HWY
Map/Block/Lot 107/SW/57 & 58
10 CODDINGTON HIGHWAY LLC
Book/Page 1293/0101

10 CODDINGTON HWY
Map/Block/Lot 107/SW/57 & 58
10 CODDINGTON HIGHWAY LLC
Book/Page 1293/0101

29 KING RD
Map/Block/Lot 107/SW/74
SULLIVAN SEAN
Book/Page 0868/0341

27 KING RD
Map/Block/Lot 107/SW/75
MATTSON ANTONIA S
Book/Page 0606/0028

25 KING RD
Map/Block/Lot 107/SW/76
FAERBER PETER J JR & ALISON J
Book/Page 1095/0250

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEME.
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.12

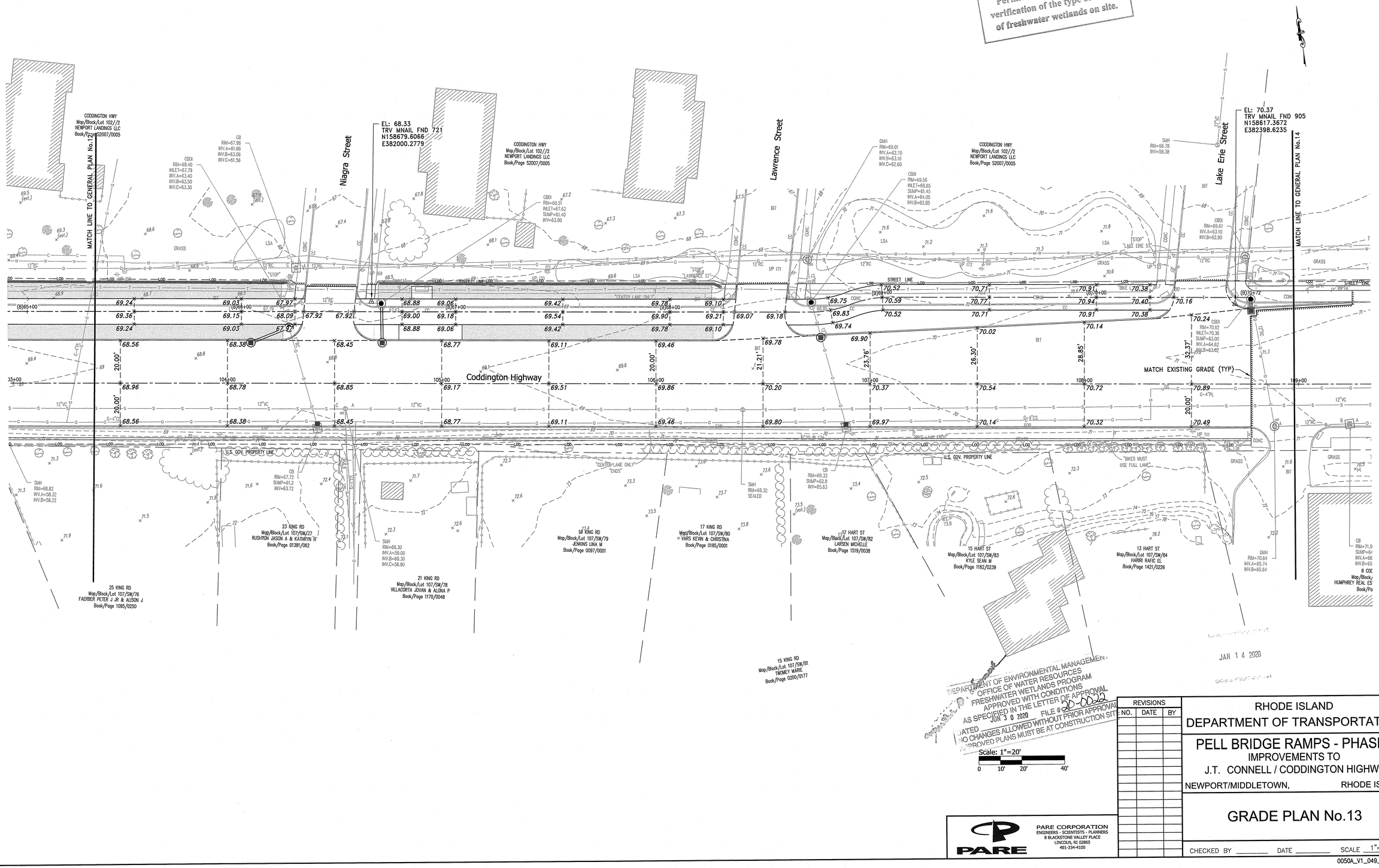
CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE
PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_048_GRADE012

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413); STPG-HSIP(074)	2019	34	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0032
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.13

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_049_GRADE013

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	35	68

Kindly be advised that this permit is not equivalent to a condemnation of the type or extent of freshwater wetlands on site.

EL: 70.37
TRV MNAIL FND 905
N158617.3672
E382398.6235

Lake Erie Street

MATCH LINE TO GENERAL PLAN No.13

(B)70+72

WEST MAIN RD
Map/Block/Lot 102//7
UNITED STATES OF AMERICA
NO REFERENCE

BENCHMARK:
MDISK L-28
ELEV: 74.58

Coddington Highway

"BIKE MAY USE FULL LANE"

"RIPTA" BUS STOP

U.S. GOV. PROPERTY LINE

C-ABANDONED

EL: 71.17
TRV MNAIL FND 906
N158571.5906
E382760.2625

LIMIT OF WORK STA: 112+00
R.I. FAP No. STP-RESF(413), STPG-HSIP(074)
R.I. CONTRACT No. 2019-CH-033
N158531.9960, E382722.4890

Rockwood Road

West Main Road

SAIL PLAT NO. 852

569 WEST MAIN RD
Map/Block/Lot 107/SE/32
RENAISSANCE DEVELOPMENT CORP
Book/Page 0248/0091

8 CODDINGTON HWY
Map/Block/Lot 107/SW/85
HUMPHREY REAL ESTATE HOLDINGS LLC
Book/Page 0554/0036

7 HART ST
Map/Block/Lot 107/SW/86
LIBBY GARY E JR
Book/Page DC2013/0190, 1301/0207

5 HART ST
Map/Block/Lot 107/SW/87
SMUDGECO LLC
Book/Page 1431/0154

2-4 CODDINGTON HWY
Map/Block/Lot 107/SW/88
SMUDGECO LLC
Book/Page 1293/158

554 WEST MAIN RD
Map/Block/Lot 107/SW/89
SMUDGECO LLC
Book/Page 1406/179

553 WEST MAIN RD
Map/Block/Lot 107/SE/59
DANGELO INC
Book/Page 0157/1151

JAN 14 2020

RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER DATED
JUN 30 2020 FILE # 20-0059
ANY AND ALL CHANGES TO THE APPROVED PLANS MUST BE APPROVED BY THE OFFICE OF WATER RESOURCES PRIOR TO CONSTRUCTION OF SUCH CHANGES

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

GRADE PLAN No.14

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_050_GRADE014

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	36	68

Kindly be advised that this Permit is no equivalent to a verification of the type or extent of freshwater wetlands on site.

166 J T CONNELL MEMORIAL RD
Map/Lot 04/ 057
BARRY REALTY LLC
Book/Page 1770/ 301

176 J T CONNELL MEMORIAL RD
Map/Lot 04/ 066
SAMUIL ENTERPRISES LLC
Book/Page 2225/ 231

188 J T CONNELL MEMORIAL RD
Map/Lot 04/ 074
SAMUIL ENTERPRISES LLC
Book/Page 2225/ 231

194 J T CONNELL MEMORIAL RD
Map/Lot 04/ 076
SAMUELS REALTY CO INC
Book/Page 330/ 466

202 J T CONNELL MEMORIAL RD
Map/Lot 04/ 082
PIZZA HUT OF AMERICA INC
Book/Page 2414/ 240

199 JT CONNELL MEMORIAL RD
Map/Lot 04/ 075
RK NEWPORT LLC
Book/Page 750/ 11.

JT CONNELL MEMORIAL RD
Map/Lot 04/ 075
RK NEWPORT LLC
Book/Page 750/ 113

RIVER >10' WIDE

200' RIVERBANK WETLAND

S.H.L. PLAT NO. 712

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.2

AREA SUBJECT TO STORM FLOWAGE

J.T. Connell Highway

LIMIT OF WORK STA: 39+15
R.I. FAP No. STP-RESF(413), STPG-HSIP(074)
R.I. CONTRACT No. 2019-CH-033
N155309.1824, E377990.2835

REMOVE GUY WIRE AND ANCHOR (BY OTHERS)

INV OUT (NW): 9.05 (12" RCP)

7'-12" RCP, S=0.93%

DMH(1-1)
STA: 42+24, 7'RT
RIM: 12.95
INV IN (SE): 8.95 (12" RCP)

17'-12" RCP, S=0.06%

CB(1-2)
STA: 42+16, 14'RT
RIM: 12.06

DH INV: 7.26 AT WALL

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0025
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

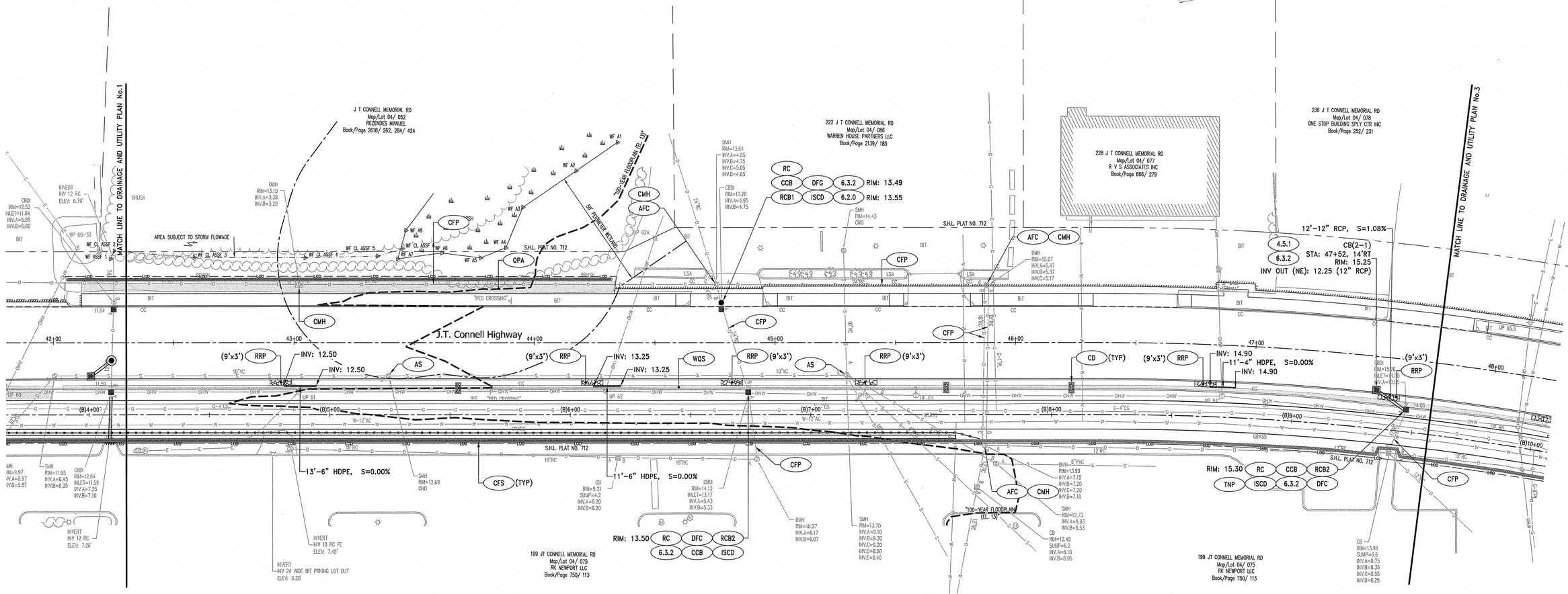
DRAINAGE AND UTILITY PLAN No.1

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	37	68

Kindly be advised that this Permit is no equivalent to a verification of the type or extent of freshwater wetlands on site.



JAN 1 4 2020

Owner's Representative

Approved as Noted
Comments Enclosed
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0022
ALL CHANGES TO BE APPROVED BY THE PROGRAM PRIOR TO CONSTRUCTION
REVISED PLANS MUST BE SUBMITTED

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.2

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_052_DRAINAGE002_REV02

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	38	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.2

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.4

J.T. Connell Highway

236 J T CONNELL MEMORIAL RD
Map/Lot 04/ 078
ONE STOP BUILDING SPLY CTR INC
Book/Page 252/ 231

250 J T CONNELL MEMORIAL RD
Map/Lot 04/ 003
NEWPORT CITY OF
Book/Page 250/ 78

250 J T CONNELL MEMORIAL RD
Map/Lot 04/ 080
NEWPORT CITY OF
Book/Page 245/ 911

250 J T CONNELL MEMORIAL RD
Map/Lot 03/ 001
NEWPORT CITY OF
SEWER TREATMENT PLANT
Book/Page 182/ 529

199 JT CONNELL MEMORIAL RD
Map/Lot 04/ 075
RK NEWPORT LLC
Book/Page 750/ 113

249 J T CONNELL MEMORIAL RD
Map/Lot 04/ 087
06 HOSPITALITY PROPERTY LLC
Book/Page 2298/ 252

S.H.L. PLAT NO. 712

EASEMENT PLAT No. 0990

RELOCATE GUY WIRES AND ANCHORS (BY OTHERS)

RRP (9'x3') · NFH · WQS · AE · RRP (9'x6') · WQS · RRP (9'x3') · CD (TYP) · RRP (9'x3') · ISCD · 6.3.2 · RCB · RIM: 22.28 · CFS (TYP) · NWCB · NGB · DFH · NWVB-1 · CFP · AFC · CMH · NWB · QPA · CMH · AFC · CFP

RIM: 18.50 · RC · DFC · RCB2 · 6.3.2 · ISCD · CCB

Scale: 1"=20'
0 10' 20' 40'

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

PARE
PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.3

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_053_DRAINAGE03_REV02

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	39	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.3

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.5

250 J T CONNELL MEMORIAL RD
Map/Lot 03/ 001
NEWPORT CITY OF
SEWER TREATMENT PLANT
Book/Page 182/ 529

286 J T CONNELL MEMORIAL RD
Map/Lot 03/ 031
NARRAGANSETT ELECTRIC COMPANY
Book/Page 2222/ 293

CSDI
RIM=22.89
INLET=22.00
INV.A=18.20
INV.B=16.70
INV.C=16.40

CSDI
RIM=27.40
INLET=26.60
INV.A=22.20
INV.B=22.10
INV.C=22.10

SMH
RIM=29.00
CNO

SMH
RIM=30.36
INV.A=21.96
INV.B=21.06

SMH
RIM=25.40
CNO

CSDI
RIM=35.04
INLET=34.96
SHELF=33.05
INV.A=29.85
INV.B=30.05
INV.C=29.75

S.H.L. PLAT NO. 712

J.T. Connell Highway

"SPEED LIMIT"

RIM: 22.25 — CMH, RCB2, RC, DFC, 6.3.2, ISCD

RIM: 27.14 — 6.3.4, RCB, ISCD, RC, AFG

RIM: 35.38 — CCB, ISCD, AFG

RIM: 34.99 — 6.3.2, ISCD, AFG, RC, DFG, CCB

RIM: 27.00 — RCB2, DFC, 6.3.2, ISCD, CMH, RC

R&D (ELECTRIC CABINET)

CBDI
RIM=22.61
INLET=21.71
INV.A=17.70
INV.B=17.40

INVERT
INV 24 RC
ELEV: 18.37'

INVERT
INV 12 PVC
ELEV: 20.20'

INVERT
INV 8 PVC
ELEV: 20.21'

INVERT
INV 12 PVC
ELEV: 22.00'

CBDI
RIM=27.40
INLET=27.00
INV.A=22.60

257 J T CONNELL MEMORIAL RD
Map/Lot 04/ 051
NEWPORT MINI STORAGE LLC
Book/Page 753/ 185

289 J T CONNELL MEMORIAL RD
Map/Lot 03/ 036
NEWPORT CITY OF
Book/Page 1993/ 174

CB
RIM=35.21
SUMP=29.50
NPV

CB
RIM=37.21
SUMP=30.20
INV.A=34.00
INV.B=33.70

CB
RIM=37.64
SUMP=34.90
INV.A=35.15

TOP OF STANDPIPE
8"PVC INLET
ELEV: 39.53'

BOTTOM OF STANDPIPE
8"PVC OUTLET
ELEV: 35.51'

INVERT
INV 12 CP FE
ELEV: 37.36'

INVERT
INV 12 CP FE
ELEV: 38.05'

JAN 14 2020

JUN 30 2020

20-0022

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.4

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_054_DRAINAGE004_REV02

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	40	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.4

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.6

286 J T CONNELL MEMORIAL RD
Map/Lot 03/ 031
NARRAGANSETT ELECTRIC COMPANY
Book/Page 2222/ 293

312 J T CONNELL MEMORIAL RD
Map/Lot 03/ 029
ASTON PROPERTIES LTD LLC
Book/Page 1090/ 311

CBDI
RIM=35.04
INLET=34.66
SHELF=33.05
INV.A=29.85
INV.B=30.05
INV.C=29.75

CB
RIM=48.40
SUMP=41.90
INV.A=43.60
INV.B=43.50

SHM
RIM=49.58
CNO

SHM
RIM=52.18
INV.A=44.80
INV.B=44.90
INV.C=45.40
INV.D=44.40

SHM
RIM=54.34
INV.A=47.54
INV.B=47.44

CB
RIM=37.64
SUMP=34.90
INV.A=35.15

CBDI
RIM=49.20
INLET=48.01
FULL OF DEBRIS
SUMP=44.2

295-297 J T CONNELL MEMORIAL RD
Map/Lot 03/ 032
ADAL LLC
Book/Page 2390/ 16

293 J T CONNELL MEMORIAL RD
Map/Lot 03/ 035
CITY OF NEWPORT
C/O COASTAL EXTREME BRCHNG CO
Book/Page 1839/ 193

256 MAPLE AVE
Map/Lot 03/ 028
ALVES JOSEPH
Book/Page 1107/ 149

245 MAPLE AVE
Map/Lot 02/ 013
NEWPORT CITY OF
CODDINGTON FIELD
Book/Page 207/ 250

Maple Avenue

J.T. Connell Highway

S.H.L. PLAT NO. 712

REMOVE GUY WIRE AND ANCHOR (BY OTHERS)

TOP OF STANDPIPE 8"PVC INLET ELEV: 39.53'

BOTTOM OF STANDPIPE 8"PVC OUTLET ELEV: 35.51'

INVERT INV 12 CP FE ELEV: 37.36'

INVERT INV 12 CP FE ELEV: 38.05'

RIM: 49.06

RIM: 48.80

"RIGHT TURN ONLY" "DO NOT ENTER"

"STOP" "DO NOT ENTER"

"SPEED LIMIT" "25 MPH"

BUS STOP

6.2.1 RC DFG

6.3.4 RCB1 ISCD RC

RCB2 6.3.2 DCB RC DFC

QPA RRSW SFCD SFB RRLS BRA1 SWI CFP DP NGB AS AE AT NWB

59+00 60+00 61+00 62+00 63+00 64+00

(B)21+00 (B)22+00 (B)23+00 (B)24+00 (B)25+00 (B)26+00

Scale: 1"=20'
0 10' 20' 40'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.5

CHECKED BY _____ DATE _____ SCALE 1"=20'

STATE OF RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0052
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 1 4 2020

0050A_V1_055_DRAINAGE005_REV02

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	41	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.6

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.7

CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 015
UNITED STATES OF AMERICA
RELIANCE ROW APARTMENTS
NO REFERENCE

J.T. Connell Highway

Girard Avenue

S.H.L. PLAT NO. 707

S.H.L. PLAT NO. 712

4" PERF. PVC @ 0.00 FT/FT

4" PVC @ 0.00 FT/FT

CLEAN OUT (SEE "DETAILS")

BRA2 SFCD SF 4.4.0 6.3.2 ISCD TNP

CB(6-3)
STA: 65+01, -14'LT
RIM: 52.97
INV IN (W): 48.50 (4" PVC)
INV OUT (SE): 48.45 (12" RCP)

BRA3

CB(6-4)
STA: 66+57, -14'LT
RIM: 51.62
INV IN (W): 47.40 (4" PVC)
INV OUT (E): 47.35 (12" RCP)

BRA4

RRSW (10'x15')

(10'x8') RRLS SWI DFC DCB

DP 24'-12" RCP, S=0.96%

3'-12" RCP, S=4.82%

29'-12" RCP, S=0.86%

4'-12" RCP, S=0.26%

CFP

TNP INV: 45.50
CBMH
DDI
CMH
6.2.0
DFC
RC

TYPE "F"
4.4.0 ISCD 6.3.2 TEP (2)
RIM: 49.55

ISCD RC RIM: 48.90
CCB 6.3.2
AFG DFG

CBDI(6-1)
STA: 65+02, 14'RT
RIM: 52.96
INV IN (NW): 48.20 (12" RCP)
INV OUT (SE): 48.20 (12" RCP)
4.4.0 6.3.2 ISCD

CBDI(6-2)
STA: 66+75, 14'RT
RIM: 51.47
INV IN (W): 47.05 (12" RCP)
INV OUT (E): 46.96 (12" RCP)
4.4.0 6.3.2 ISCD

RC DFC RDC 6.2.0 CBMH CMH TNP INV: 48.15

RC DFC RDC 6.2.0 CBMH CMH TNP INV: 46.95

DFG 6.3.2 RC ISCD

245 MAPLE AVE
Map/Lot 02/ 013
NEWPORT CITY OF
CODDINGTON FIELD
Book/Page 207/ 250

Scale: 1"=20'
0 10' 20' 40'

JAN 14 2020

STATE OF RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.6

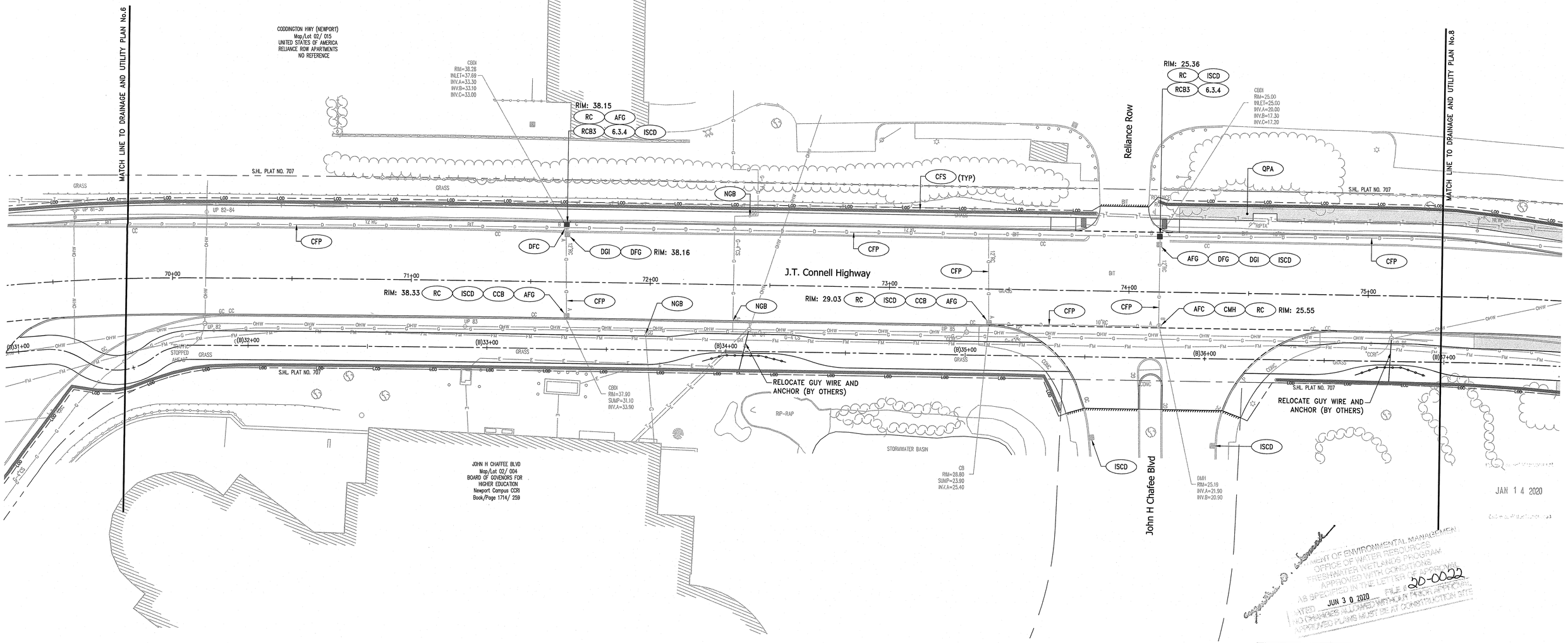
CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_056_DRAINAGE006.RFV03

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	42	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



JAN 14 2020

RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
FILE # 20-0022

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.7

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_057_DRAINAGE007_REV02

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	43	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.7

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.9

CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 015
UNITED STATES OF AMERICA
RELIANCE ROW APARTMENTS
NO REFERENCE

RIM: 20.29 — CCB | RC | RCB | DFC | AFC | 6.2.0

CBDI(8-1)
STA: 76+85, 14'RT
RIM: 20.32
INV OUT (SE): 15.65 (12" RCP)
INV OUT (NW): 15.65 (12" RCP)
4.4.0 | AFG | 6.3.2 | ISCD

CFP | QPA | CFS (TYP) | DP

6.3.2 | TNP | INV: 15.45

25'-12" RCP, S=0.74%

5'-12" RCP, S=-1.83%

INVERT
INV 12 RC
ELEV: 16.89'
CONC HW=18.3'

INV: 16.9'±

RC | DFC | 6.2.0 | AFC | RIM: 20.89 | INV: 15.75
CBMH | CCB | TNP

CBDI(8-2)
STA: 79+37, 14'RT
RIM: 19.02
INV IN: 14.25
INV OUT: 14.20
TEP | 4.4.0 | 6.3.2 | ISCD

RDC | RC | 6.3.2 | ISCD | RCB2 | DFC | CCB | AFG | RIM: 19.00

RC | DFC | 6.2.0 | TNP | CBMH | AFC | RIM: 19.65 | INV: 14.06

J.T. Connell Highway

S.H.I. PLAT NO. 707

"RIGHT LANE MUST TURN RIGHT"

"CENTER LANE ONLY"

"CORE"

4' SPECIAL PANEL
2 LIGHTS
WHEN FLASHING

FORESTED WETLAND

AREA SUBJECT TO STORM FLOWAGE

CODDINGTON HGY (NEWPORT)
Map/Lot 02/ 030
NEWPORT CITY OF
Book/Page 2558/ 29

372 CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 016
PINEAPPLE HOSPITALITY LLC
Book/Page 1337/ 98

Scale: 1"=20'
0 10' 20' 40'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
JUN 3 0 2020 FILE # 20-0022
DATED
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.8

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_058_DRAINAGE008_REV02

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	44	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

TOWN OF MIDDLETOWN
TOWN OF NEWPORT

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.8

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.10

J.T. Connell Highway

Coddington Highway

INV: 11.90
TNP | CCB | RCM | DFC
AFC | 6.2.0 | RC | RDC

CODDINGTON HWY
Map/Block/Lot 101//21
UNITED STATES OF AMERICA
NO REFERENCE

RIDEM WETLAND COMPLEX (MARSH/SHRUB WETLAND)

WF B10 WF B9 WF B8 WF B7 WF B6 WF B5 WF B4 WF B3 WF B2 WF B1

CSCP
RIM=17.41
INLET=16.45
INV.A=11.80
INV.B=11.80
INV.C=11.70

3'-12" RCP, S=0.68%

CODDINGTON HWY
Map/Block/Lot 101//21
UNITED STATES OF AMERICA
NO REFERENCE

50' PERIMETER WETLAND

CB(9-1)
STA: 82+88, -14'LT
RIM: 17.18
INV IN (S): 11.96 (12" RCP)
INV OUT (N): 11.92 (12" RCP)
4.4.0 | 6.3.2 | ISCD | AFG | TEP
TYPE "F"

4.4.0 | 6.3.2
CB(9-5)
STA: 84+82, -15'LT
RIM: 16.15
INV OUT (N): 12.50 (12" RCP)

4.2.0 | 6.2.0 | AFC | TEP
DMH-(9-4)
STA: 84+82, -33'LT
RIM: 16.62
INV IN (S): 12.35 (12" RCP)
INV IN (W): 10.12
INV OUT (E): 10.10

"100-YEAR FLOODPLAIN (EL. 14')"

"100-YEAR FLOODPLAIN (EL. 10')"

CODDINGTON HWY
Map/Block/Lot 101//21
UNITED STATES OF AMERICA
NO REFERENCE

RIM: 16.29
INV: 11.90
DGI | AFC
TNP | RC
CCB | RCM
DFC | 6.2.0
DFC | RDC

21'-12" RCP, S=0.88%
(PIPE TO RUN ABOVE 48" RCP)

4.5.1 | ISCD | 6.3.2
CB(9-3)
STA: 85+96, -18'LT
RIM: 15.57
INV OUT (N): 12.10 (12" RCP)

CODDINGTON HYW (NEWPORT)
Map/Lot 02/ 015
UNITED STATES OF AMERICA
RELIANCE, ROW APARTMENTS
NO REFERENCE

(TYP) CFS

QPA | S.H.L. PLAT NO 707

CFP

7'-12" RCP, S=0.82%

14'-12" RCP, S=0.84%

AS

NGB

SHRUB WETLAND

"WELCOME TO MIDDLETOWN"

AREA SUBJECT TO STORM DRAIN EASEMENT

RDC | RC | TNP
6.2.0 | DFC | RCM
AFC

RIM: 17.70
INV: 12.30

CBDI(9-2)
STA: 82+89, 14'RT
RIM: 17.18
INV IN (S): 12.23 (12" RCP)
INV OUT (N): 12.20 (12" RCP)
TEP | AFG | 4.4.0 | 6.3.2 | ISCD

372 CODDINGTON HWY (NEWPORT)
Map/Lot 02/ 016
PINEAPPLE HOSPITALITY LLC
Book/Page 1337/ 98

350 CODDINGTON HYW (NEWPORT)
Map/Lot 02/ 003
RHODE ISLAND PUBLIC TRANSIT AUTHORITY
Book/Page 500/ 277

350 CODDINGTON HWY
Map/Block/Lot 103//2
RHODE ISLAND PUBLIC TRANSIT AUTHORITY
Book/Page 0247/0292

326 CODDINGTON HWY
Map/Block/Lot 103//101
TOWN OF MIDDLETOWN
Book/Page 1367/0175

320 CODDINGTON HWY
Map/Block/Lot 103//25
TOWN OF MIDDLETOWN
Book/Page 0070/0183

350 CODDINGTON HWY
Map/Block/Lot 103//2
RHODE ISLAND PUBLIC TRANSIT AUTHORITY
Book/Page 0247/0292

CODDINGTON HWY
Map/Block/Lot 103//103
MELLO REALTY INC
Book/Page 01333/0221

RC | ISCD | CCB | AFG

CCB | RC
AFG | ISCD

SUBSTATION

"BIKE LANE"

"STATE LANE"

"100' RIPARIAN WETLAND"

RIGHT LANE ONLY

STREET LINE

(B)42+00 (B)43+00 (B)44+00 (B)45+00 (B)46+00 (B)47+00 (B)48+00

81+00 82+00 83+00 84+00 85+00 86+00

JAN 14 2020

JUN 30 2020

20-0022

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.9

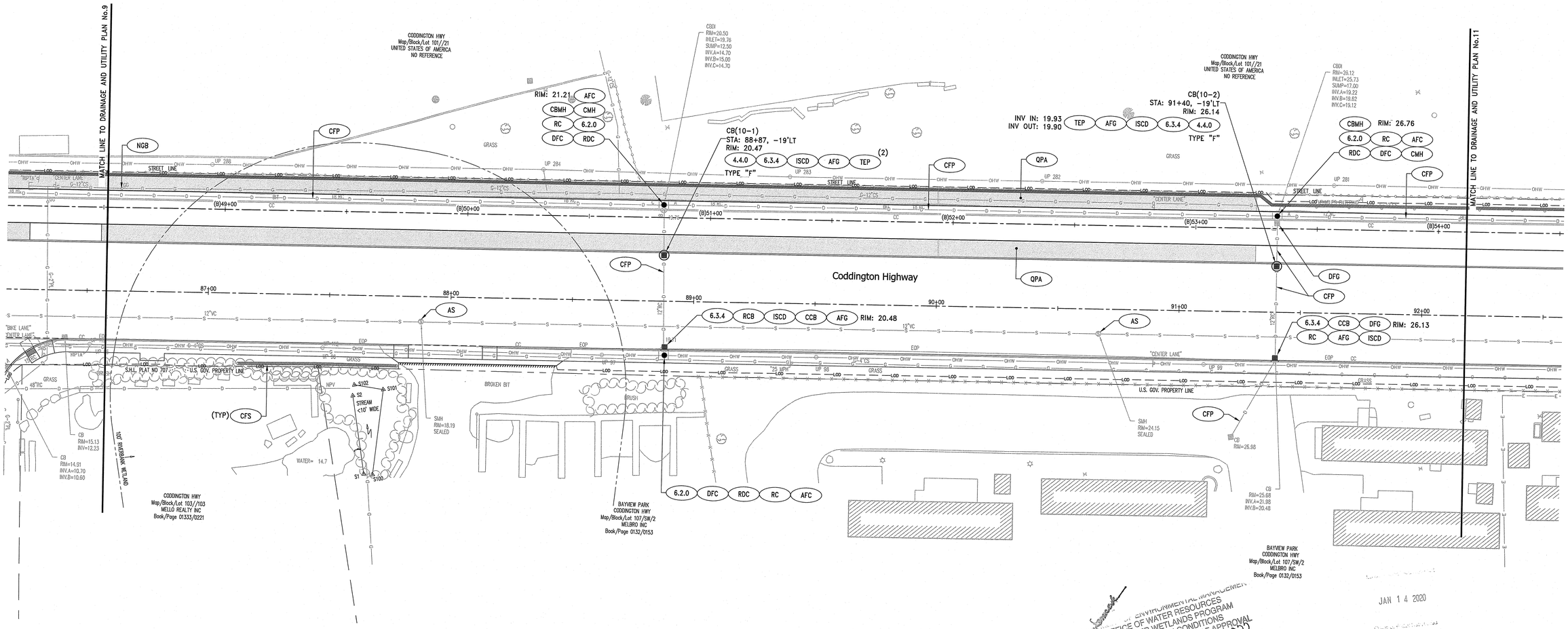
CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_059_DRAINAGE009_REV02

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	45	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



STATE OF RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # SD-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 1 4 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.10

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_060_DRAINAGE010_REV04

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	46	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

JAN 1 4 2020

OFFICE OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.11

CHECKED BY ________ DATE ________ SCALE 1"=20'

0050A_V1_061_DRAINAGE011_REV02

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	47	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.11

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.13

CODDINGTON HWY
Map/Block/Lot 101/21
UNITED STATES OF AMERICA
NO REFERENCE

CODDINGTON HWY
Map/Block/Lot 102/2
NEWPORT LANDINGS LLC
Book/Page S2007/0005

CODDINGTON HWY
Map/Block/Lot 102/2
NEWPORT LANDINGS LLC
Book/Page S2007/0005

Jones Street

Lexington Street

Coddington Highway

Underwood Lane

CB(12-1)
STA: 98+67, -19'LT
RIM: 65.15
INV IN (S): 61.61 (12" RCP)
INV OUT (N): 61.59 (12" RCP)
TYPE "F"

CB(12-2)
STA: 100+71, -19'LT
RIM: 69.42
INV OUT (N): 65.47 (12" RCP)
TYPE "F"

CB(12-3)
STA: 102+22, -18'LT
RIM: 69.17
INV OUT (N): 65.69 (12" RCP)
TYPE "F"

17'-12" RCP, S=0.48%

17'-12" RCP, S=0.48%

RIM: 65.98

RIM: 69.11
INV: 65.38

RIM: 69.08
INV: 65.60

RIM: 65.19

10 CODDINGTON HWY
Map/Block/Lot 107/SW/57 & 58
10 CODDINGTON HIGHWAY LLC
Book/Page 1293/0101

10 CODDINGTON HWY
Map/Block/Lot 107/SW/57 & 58
10 CODDINGTON HIGHWAY LLC
Book/Page 1293/0101

29 KING RD
Map/Block/Lot 107/SW/74
SULLIVAN SEAN
Book/Page 0888/0341

27 KING RD
Map/Block/Lot 107/SW/75
MATTSON ANTONIA S
Book/Page 0606/0028

25 KING RD
Map/Block/Lot 107/SW/75
FAERBER PETER J JR & ALISON J
Book/Page 1095/0250

210 CODDINGTON HWY
Map/Block/Lot 107/SW
/33, 34, 35, 54, 55, 56 & 56A
210 CODDINGTON RT
CODDINGTON BREWING CO
Book/Page 0747/0334

210 CODDINGTON HWY
Map/Block/Lot 107/SW
/33, 34, 35, 54, 55, 56 & 56A
210 CODDINGTON RT
CODDINGTON BREWING CO
Book/Page 0747/0334

210 CODDINGTON HWY
Map/Block/Lot 107/SW
/33, 34, 35, 54, 55, 56 & 56A
210 CODDINGTON RT
CODDINGTON BREWING CO
Book/Page 0747/0334

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0052
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.12

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_062_DRAINAGE012_REV02

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	48	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DMH-(13-3)
STA: 104+29, -26'LT
RIM: 68.22
INV IN (W): 63.54 (12" RCP)
INV IN (S): 63.54 (12" RCP)
INV OUT (N): 63.53 (12" RCP)
AFC TEP 6.2.0 4.2.0

CODDINGTON HWY
Map/Block/Lot 102/1
NEWPORT LANDINGS
Book/Page S2007/0005
RIM: 68.26
AFC CBMH CMH 6.2.0
RDC DFC RC

CB
RIM=67.96
INV.A=61.66
INV.B=63.06
INV.C=63.56

CBDI
Rim=68.40
INLET=67.79
INV.A=63.40
INV.B=63.50
INV.C=63.30

CB(13-1)
STA: 104+11, -19'LT
RIM: 68.39
INV OUT (E): 63.68 (12" RCP)
AFC ISCD 6.3.2 4.4.0
TYPE "F"

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.12

Niagra Street

RIM: 68.45
INV: 63.90
TNP AFG 6.2.0 CBMH CMH
RC DFC RDC

CODDINGTON HWY
Map/Block/Lot 102/2
NEWPORT LANDINGS LLC
Book/Page S2007/0005

CBDI
RIM=68.51
INLET=67.62
SUMP=61.40
INV=63.90

CFS (TYP)

QPA

CFP

14'-12" RCP, S=0.55%

CB(13-2)
STA: 104+72, -19'LT
RIM: 68.60
INV OUT (N): 63.99 (12" RCP)
AFC ISCD 6.3.2 4.4.0
TYPE "F"

15'-12" RCP, S=0.73%

Coddington Highway

RIM: 68.43 ISCD CCB RC 6.3.2 AFG

AS

Lawrence Street

DMH
RIM=69.01
INV.A=62.70
INV.B=63.10
INV.C=62.60

CODDINGTON HWY
Map/Block/Lot 102/2
NEWPORT LANDINGS LLC
Book/Page S2007/0005

CBDI
RIM=69.56
INLET=68.65
SUMP=61.45
INV.A=64.05
INV.B=62.85

RIM: 69.49
6.2.0 CMH CBMH
RC DFG AFC

CB(13-4)
STA: 106+77, -22'LT
RIM: 69.86
INV IN (S): 64.63 (12" RCP)
INV OUT (N): 64.60 (12" RCP)
ISCD 6.3.2 4.4.0 TYPE "F"
TEP AFG

RIM: 69.94
AFG CCB ISCD
DFG 6.3.2 AFG

Lake Erie Street

DFC
AFC
CCB
RC

SMH
RIM=66.78
INV=59.38

CBDI
RIM=69.61
INV.A=63.10
INV.B=62.90

RIM: 62.93 ISCD AFG 4.5.1
DFG 6.3.2

CBDI
RIM=70.96
INLET=70.36
SUMP=63.00
INV.A=64.62
INV.B=63.82

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.14

NGB

U.S. GOV. PROPERTY LINE

SMH
RIM=68.82
INV.A=58.32
INV.B=58.22

CB
RIM=67.72
SUMP=61.2
INV=63.72

SMH
RIM=68.30
INV.A=59.00
INV.B=60.30
INV.C=58.90

SMH
RIM=69.32
SEALED

CB
RIM=69.33
SUMP=62.8
INV=65.63

"CENTER LANE ONLY" "ENDS"

"BIKE LANE ENDS"

"BIKES MUST USE FULL LANE"

"LAKE ERIE ST"

"STOP"

"LAWRENCE ST"

STREET LINE

BIKE LANE

GRASS

CONC

BIT

23 KING RD
Map/Block/Lot 107/SW/77
RUSHTON JASON A & KATHRYN H
Book/Page 01381/062

25 KING RD
Map/Block/Lot 107/SW/76
FAERBER PETER J JR & ALISON J
Book/Page 1095/0250

21 KING RD
Map/Block/Lot 107/SW/78
VILLACORTA JOVAN & ALOHA P
Book/Page 1170/0048

19 KING RD
Map/Block/Lot 107/SW/79
JENKINS LIMA M
Book/Page 0097/0001

17 KING RD
Map/Block/Lot 107/SW/80
VARS KEVIN & CHRISTINA
Book/Page 0185/0001

15 KING RD
Map/Block/Lot 107/SW/81
TWOMEY MARIE
Book/Page 0200/0177

17 HART ST
Map/Block/Lot 107/SW/82
LARSEN MICHELLE
Book/Page 1519/0038

15 HART ST
Map/Block/Lot 107/SW/83
KYLE SEAN M
Book/Page 1162/0239

13 HART ST
Map/Block/Lot 107/SW/84
HARRI RAFIC EL
Book/Page 1421/0226

8 COD
Map/Block/
HUMPHREY REAL ES
Book/Pa

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 1 4 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.13

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_063_DRAINAGE013_REV02

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	49	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

Lake Erie Street

MATCH LINE TO DRAINAGE AND UTILITY PLAN No.13

Coddington Highway

Rockwood Road

West Main Road

WEST MAIN RD
Map/Block/Lot 102//7
UNITED STATES OF AMERICA
NO REFERENCE

BENCHMARK:
MORSK 1-28
ELEV. 74.58'

568 WEST MAIN RD
Map/Block/Lot 107/SE/32
RENAISSANCE DEVELOPMENT CORP
Book/Page 0248/0091

8 CODDINGTON HWY
Map/Block/Lot 107/SW/85
HUMPHREY REAL ESTATE HOLDINGS LLC
Book/Page 0554/0036

7 HART ST
Map/Block/Lot 107/SW/86
LIBBY GARY E JR
Book/Page DC2013/0190, 1301/0207

5 HART ST
Map/Block/Lot 107/SW/87
SMUDGECO LLC
Book/Page 1431/0154

2-4 CODDINGTON HWY
Map/Block/Lot 107/SW/88
SMUDGECO LLC
Book/Page 1293/158

554 WEST MAIN RD
Map/Block/Lot 107/SW/89
SMUDGECO LLC
Book/Page 1406/179

553 WEST MAIN RD
Map/Block/Lot 107/SE/59
DANGELO INC
Book/Page 0157/1151

LIMIT OF WORK STA: 112+00
R.I. FAP No. STP-RESF(413), STPG-HSIP(074)
R.I. CONTRACT No. 2019-CH-033
N158531.9960, E382722.4890

Scale: 1"=20'
0 10' 20' 40'

JAN 14 2020

RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DIVISION OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
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REVISIONS		
NO.	DATE	BY

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

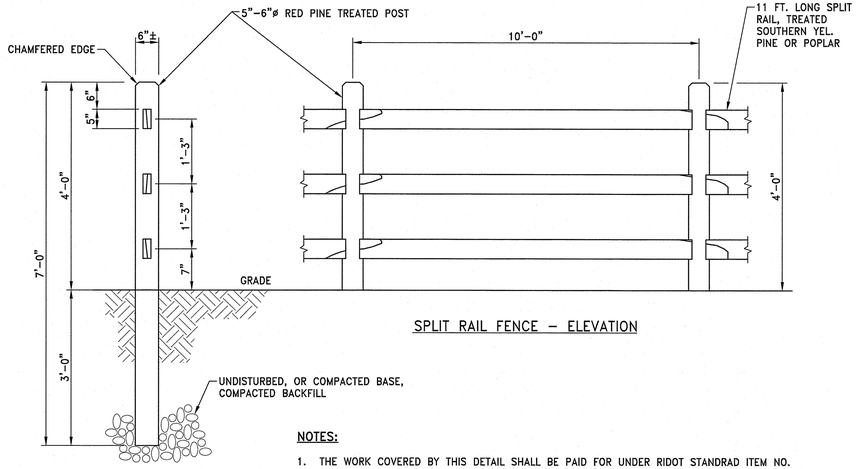
PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DRAINAGE AND UTILITY PLAN No.14

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_064_DRAINAGE014

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP–RESF(413), STPG–HSIP(074)	2019	50	68



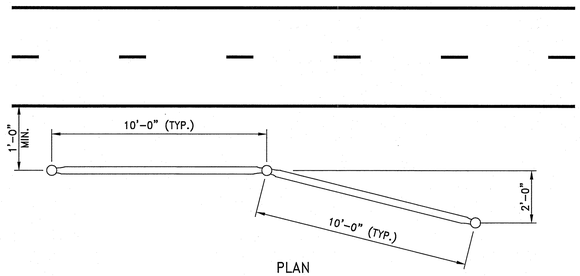
SPLIT RAIL FENCE – ELEVATION

FENCE POST

NOTES:

1. THE WORK COVERED BY THIS DETAIL SHALL BE PAID FOR UNDER RIDOT STANDRAD ITEM NO. 903.0250.

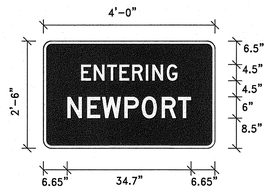
SRF SPLIT RAIL FENCE
NOT TO SCALE



PLAN

POST AND RAIL FENCE END TREATMENT
SCALE: 3/8"=1'–0"

SIGN DETAIL R9-7 (MOD)
NOT TO SCALE



PANEL STYLE: GUIDE_CON_STREET.SSI
DIMENSIONS ARE IN INCHES.TENTHS

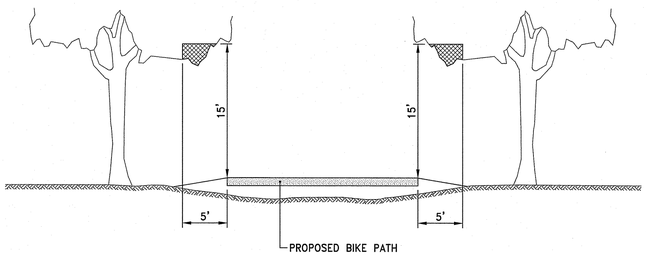
LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

SIGN NUMBER	SP–1
WIDTH X HGHT.	4'–0" X 2'–6"
BORDER WIDTH	0.75"
CORNER RADIUS	2.25"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE
	COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE
	COLOR: WHITE/WHITE

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE
E	N	T	E	R	I	N	G						D 2000
10.5	14	17.8	21.2	24.8	28.6	30.4	34.5					27	4.5
N	E	W	P	O	R	T							D 2000
6.7	12.2	16.4	22.6	27.5	33.1	37.6						34.7	6

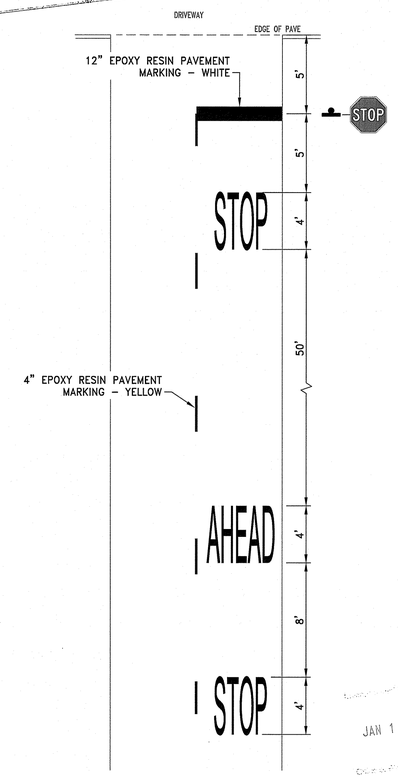
SIGN DETAIL SP-1
NOT TO SCALE



NOTE:
THE CONTRACTOR SHALL TRIM AND/OR PRUNE TREES TO PROVIDE A CLEAR OPENING OF 15 FEET HIGH FROM 5 FEET OFF BOTH EDGES OF THE BIKE PATH WHERE DEPICTED ON THE PLANS.

STP SELECTIVE TREE TRIMMING AND PRUNING
NOT TO SCALE

Kindly be advised that this Permit is not a guarantee to a verification of the type or extent of freshwater wetlands on site.



NOTES:

1. "STOP AND "AHEAD" PAVEMENT MARKINGS SHALL BE WHITE EPOXY RESIN.
2. "STOP AND "AHEAD" PAVEMENT MARKINGS SHALL BE PAID FOR UNDER R.I. STD. ITEM No. T20.3410.

PM–1 SHARED USE PATH PAVEMENT MARKING DETAIL
NOT TO SCALE

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED JAN 30 2020 FILE # 20-0032
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

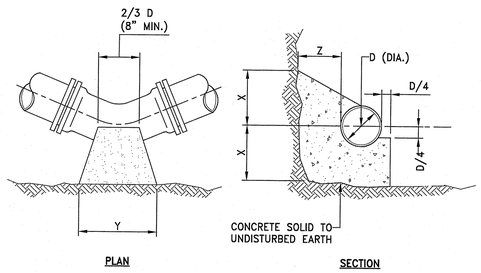
PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DETAILS - 1

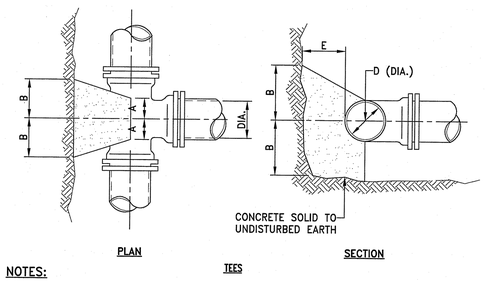
CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

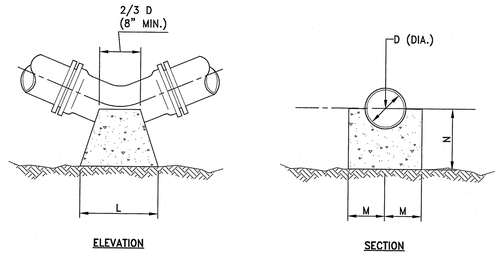
FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	51	68



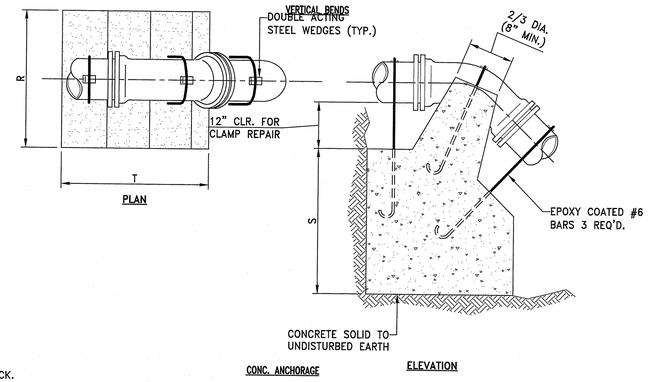
HORIZONTAL BENDS



TEES



VERTICAL BENDS



CONC. ANCHORAGE

NOTES:

1. ALL CONCRETE SHALL BE CL. B (AE) CONCRETE.
2. CONCRETE THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH. IN AREAS WHERE BEARINGS SOILS HAVE BEEN DISTURBED, RESTRAINED JOINTS SHALL BE USED.
3. ALL BENDS, TEES, MAIN TAPS, AND END CAPS SHALL REQUIRE A CONCRETE THRUST BLOCK.

TEES		PIPE SIZE–D (DIA.)				
		6"	8"	12"	16"	20"
	A	8"	10"	1'–0"	1'–3"	1'–6"
	B	8"	10"	1'–2"	1'–4"	1'–6"
	C	10"	1'–0"	1'–3"	1'–6"	1'–8"
	E	8"	10"	1'–2"	1'–6"	1'–10"

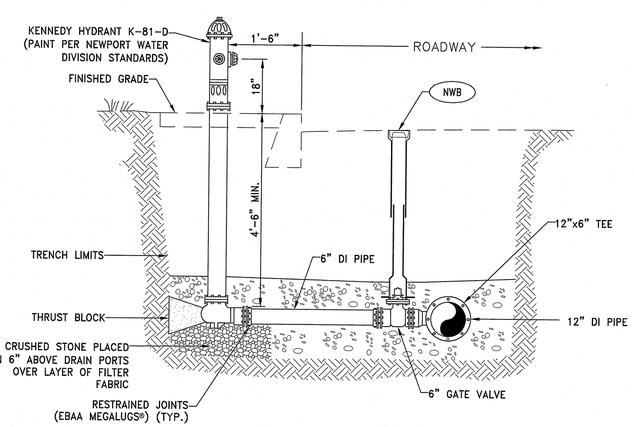
HORTIZONTAL BENDS		PIPE SIZE–D (DIA.)				
BEND		6"	8"	12"	16"	20"
1/8	X	1'–0"	1'–0"	1'–0"	1'–3"	1'–6"
	Y	1'–0"	1'–6"	2'–0"	2'–6"	3'–0"
	Z	8"	10"	1'–2"	1'–4"	1'–6"
1/16	X	1'–0"	1'–0"	1'–0"	1'–3"	1'–6"
	Y	1'–0"	1'–4"	1'–6"	1'–9"	2'–6"
	Z	8"	10"	1'–2"	1'–4"	1'–6"
1/32	X	1'–0"	1'–0"	1'–0"	1'–2"	1'–4"
	Y	1'–0"	1'–0"	1'–2"	1'–4"	1'–6"
	Z	8"	10"	1'–2"	1'–4"	1'–6"

VERTICAL BENDS		PIPE SIZE–D (DIA.)				
BEND		6"	8"	12"	16"	20"
1/8	L	1'–3"	1'–8"	2'–6"	3'–6"	4'–8"
	M	7"	8"	11"	1'–4"	1'–6"
	N	7"	8"	11"	1'–4"	1'–6"
1/16	L	9"	1'–0"	1'–9"	2'–6"	3'–0"
	M	7"	7"	10"	1'–0"	1'–2"
	N	7"	7"	8"	10"	1'–0"
1/32	L	6"	8"	1'–0"	1'–4"	1'–9"
	M	7"	7"	10"	1'–0"	1'–2"
	N	7"	7"	8"	10"	1'–0"

ANCHORAGES		PIPE SIZE–D (DIA.)				
BEND		6"	8"	12"	16"	20"
1/8	R	2'–6"	3'–0"	4'–6"	5'–4"	6'–0"
	S	2'–6"	2'–9"	3'–6"	2'–6"	5'–6"
	T	3'–0"	4'–0"	4'–9"	7'–0"	9'–6"
1/16	R	2'–0"	2'–8"	4'–0"	4'–6"	5'–0"
	S	1'–9"	2'–3"	2'–6"	3'–2"	3'–8"
	T	2'–6"	3'–4"	4'–0"	6'–0"	8'–6"
1/32	R	1'–6"	2'–0"	3'–0"	3'–8"	4'–3"
	S	1'–3"	1'–9"	2'–0"	2'–4"	2'–6"
	T	2'–0"	2'–6"	3'–0"	4'–6"	5'–9"

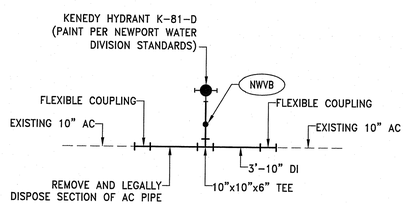
THRUST BLOCK DETAILS

SCALE: NOT TO SCALE



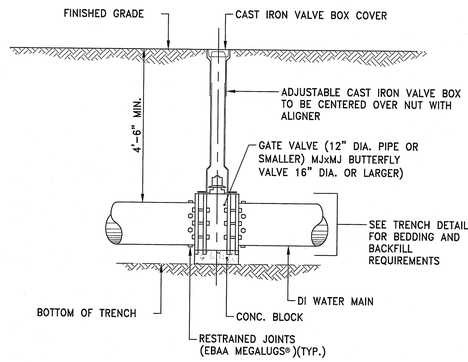
HYDRANT DETAIL

SCALE: NOT TO SCALE



NOTES:

1. THE WORK COVERED BY THIS DETAIL SHALL BE CONSIDERED INCIDENTAL TO ITEM 701.9901 "FURNISH AND INSTALL HYDRANT".



VALVE BOX DETAIL

SCALE: NOT TO SCALE

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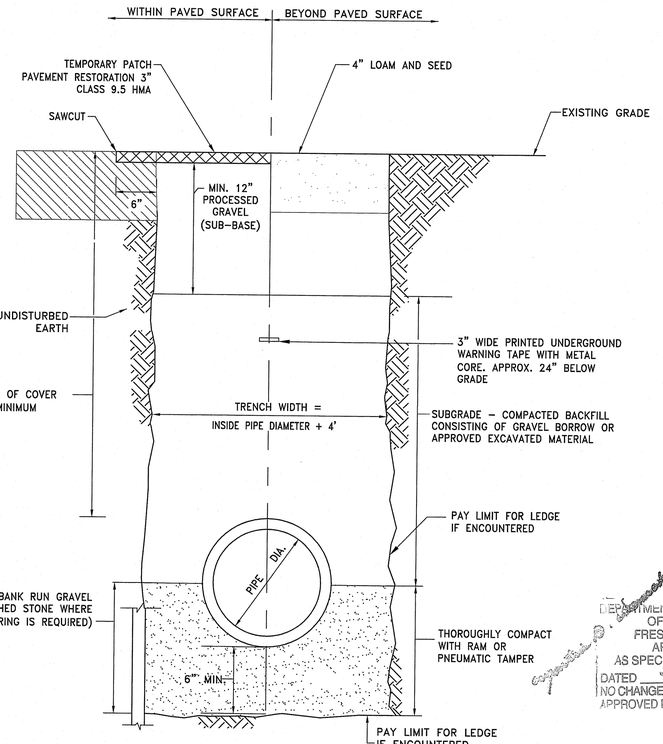

NOTES:

1. PAVEMENT INSTALLED BEYOND PAYMENT LINE MUST BE PRE–APPROVED BY THE ENGINEER.
2. THE FINISHED SURFACE OF THE PAVEMENT, AFTER COMPACTION, SHALL BE TRUE TO THE ESTABLISHED LINE AND GRADE OF THE EXISTING PAVEMENT.
3. CONTRACTOR SHALL RESET ALL STRUCTURES PRIOR TO PAVING. STRUCTURES SHALL MATCH FINAL GRADE.

TYPICAL TRENCH DETAIL

SCALE: NOT TO SCALE

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
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REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DETAILS - 2

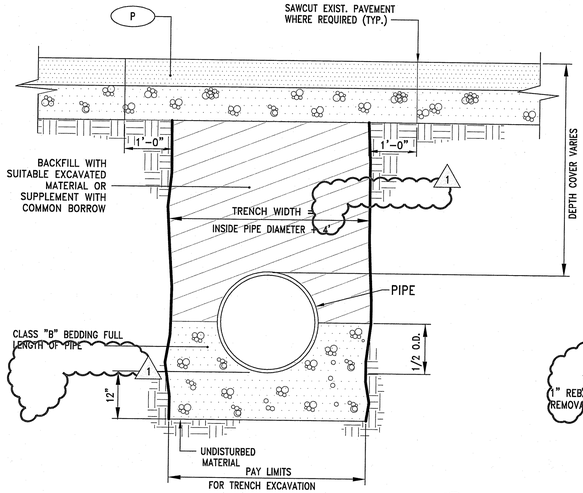
CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_096_DETAILS001-005_REV03

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	52	68

R-1

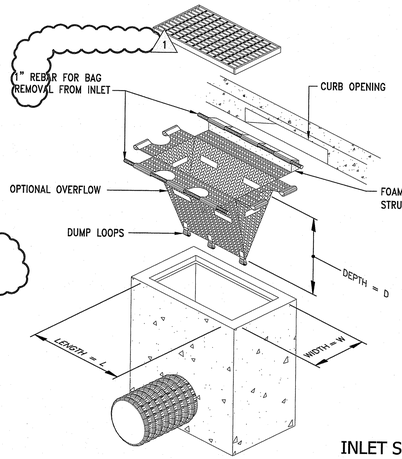


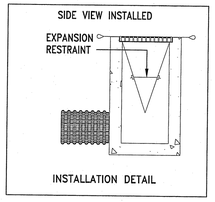
NOTE:

1. "COVER" AT ANY POINT SHALL BE DEFINED AS THE VERTICAL DISTANCE FROM THE UPPER MOST POINT OF THE PIPE TO A LINE WHICH CONNECTS THE SURFACE OF UNDISTURBED GROUND AT EITHER SIDE OF THE TRENCH AND AT RIGHT ANGLES TO THE DIRECTION OF THE PIPE.

TYPICAL TRENCH FOR DRAINAGE INSTALLATION

NOT TO SCALE

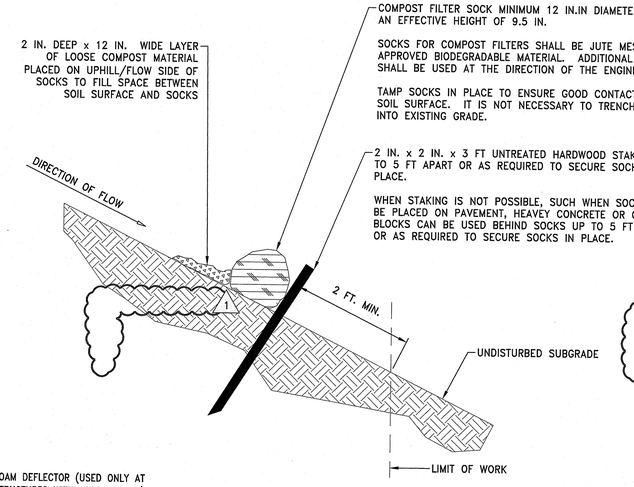


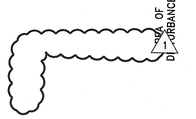


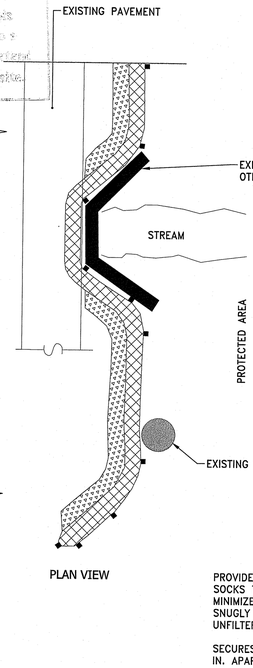
INLET SEDIMENT CONTROL DEVICE (WITH OPTIONAL CURB DEFLECTOR)

ISCD

NOT TO SCALE







PLAN VIEW

SOCKS CAN BE PLACED DIRECTLY ON EXISTING PAVEMENT WHEN NECESSARY.

PLACING SOCKS AGAINST THE UPHILL SIDE OF WELL-ANCHORED, STATIONARY FEATURES SUCH AS EXISTING TREES CAN PROVIDE ADDITIONAL BRACING.

CURVE ENDS UPHILL TO PREVENT DIVERSION OF UNFILTERED RUN-OFF.

PROVIDE 3 FT. MINIMUM OVERLAP AT ENDS OF SOCKS TO JOIN A CONTINUOUS BARRIER AND MINIMIZE UNIMPEDED FLOW. STAKE JOINING SOCKS SNUGLY AGAINST EACH OTHER TO PREVENT UNFILTERED FLOW BETWEEN THEM.

SECURES ENDS OF SOCKS WITH STAKES SPACED 18 IN. APART THROUGH TOPS OF SOCKS.

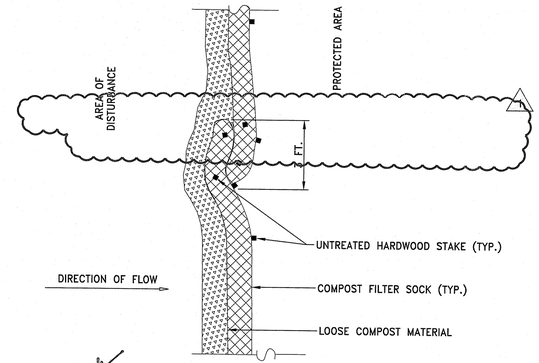
NOTES:

1. PROVIDE A MINIMUM SOCK DIAMETER OF 12 INCHES FOR SLOPES UP TO 50 FEET IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER SOCK DIAMETER OR ADDITIONAL COURSING OF FILTER SOCKS TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
2. INSTALL SOCKS ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
3. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
4. CONFIGURE SOCKS AROUND EXISTING SITE FEATURES TO MINIMIZE SITE DISTURBANCE AND MAXIMIZE CAPTURE AREA OF STORMWATER RUN-OFF.

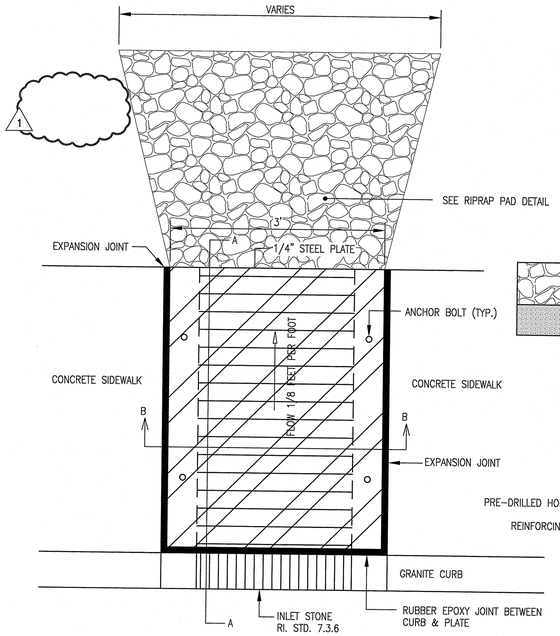
COMPOST FILTER SOCK DETAIL

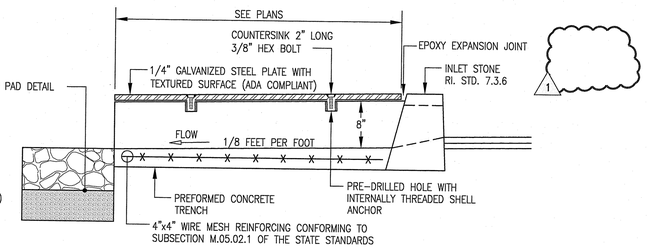
CFS

NOT TO SCALE

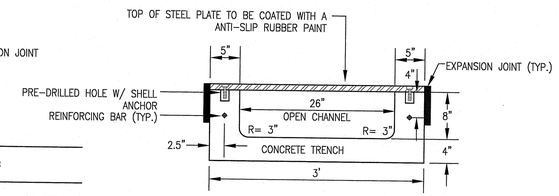


PLAN VIEW - JOIN DETAIL





SECTION A-A DETAIL



SECTION B-B

NOTES: ALL MATERIALS, LABOR AND INCIDENTALS REQUIRED FOR THE INSTALLATION OF THE SIDEWALK INLET SHALL BE CONSIDERED INCIDENTAL TO THE RESPECTIVE BIORETENTION AREA ITEM UNLESS OTHERWISE SPECIFIED.

SIDEWALK INLET DETAIL

SWI

NOT TO SCALE

ADDENDUM No.2

Kindly be advised that this Permit is not equivalent to a certification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
JUN 3 0 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 1 4 2020

REVISIONS		
NO.	DATE	BY
1	9/3/19	TT

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

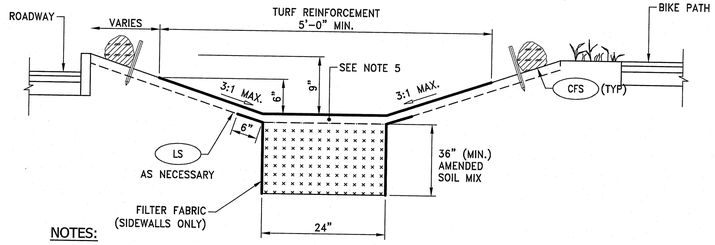
DETAILS - 3

CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_096_DETAILS001-005_REV03

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	53	114

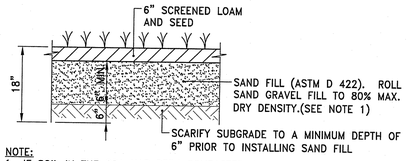


NOTES:

1. AMENDED SOIL MIXTURE (70-85% SAND, 15-30% ORGANIC MATTER)
2. ITEMS INCLUDING, BUT NOT LIMITED TO, THE RIPRAP PADS, GABION BASKET CHECK DAMS, AND HDPE PIPE SHALL BE INCIDENTAL TO THE WATER QUALITY SWALE ITEM.
3. THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTION TO NOT COMPACT SOILS WITHIN THE MEDIA FOOTPRINT.
4. FILTER FABRIC SHALL CONFORM WITH SECTION 703.02.2 OF RIDOT STANDARDS.
5. STORM WATER TREATMENT SWALE SHALL BE SEEDED WITH KENTUCKY BLUE GRASS MIX.

WQS WATER QUALITY SWALE DETAIL

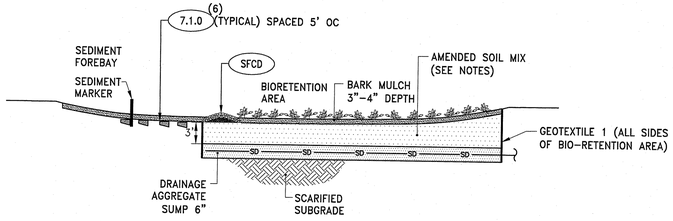
NOT TO SCALE



NOTE:
1. IF SOIL IN THE QPA HAS BEEN COMPACTED, THE SOIL MUST BE SUITABLY AMENDED, TILLED, AND RE-VEGETATED ONCE CONSTRUCTION IS COMPLETE.

QPA QUALIFIED PERVIOUS AREA DETAIL

NOT TO SCALE



BIO-RETENTION AREA NOTES:

1. THE AMENDED SOIL MIX SHOULD BE A MIXTURE OF SAND, COMPOST, AND SOIL:
   - 70%-85% SAND *
   - 15-30% ORGANIC MATTER/COMPOST *

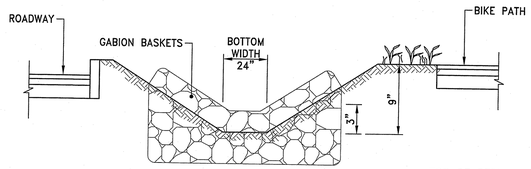
   * PERCENTAGES BY VOLUMES
2. THE SOIL MIX SHOULD BE UNIFORM, FREE OF STONES, STICKS, STUMPS, ROOTS, LARGER THAN 2 INCHES. CLAY CONTENT SHOULD NOT EXCEED 5%. SOIL PH SHOULD BE BETWEEN 5.5 AND 6.5 AND SHALL MEET ALL OTHER REQUIREMENTS OF SECTION 32.9320
3. THE SAND COMPONENT SHOULD BE GRAVELLY SAND THAT MEETS ASTM D 422.

SIEVE SIZE	PERCENT PASSING
2 INCH	100
3/4 INCH	70-100
1/4 INCH	50-80
No. 40	15-40
No. 200	0-3

4. THE TOPSOIL COMPONENT SHALL BE A SANDY LOAM, LOAMY SAND OR LOAM TEXTURE.
5. THE COMPOST COMPONENT MUST BE PROCESSED FROM YARD WASTE MEETING THE RIDEM RULES AND REGULATIONS FOR AGRICULTURAL COMPOSTING.
6. PRIOR TO THE INSTALLATION OF BIO-RETENTION MATERIALS, THE SUBGRADE SHOULD BE SCARIFIED AND MACHINERY CONTACT WITH THE SCARIFIED SUBGRADE SHOULD BE AVOIDED.
7. ITEMS INCLUDING, BUT NOT LIMITED TO, SEDIMENT FOREBAY RIPRAP CHECK DAMS, SUBDRAIN, CLEANOUT, CONCRETE CURBING WITHIN SEDIMENT FOREBAYS, SIDEWALK INLETS, SEDIMENT MARKERS, RIPRAP PADS, AND RIPRAP SPILLWAYS SHALL BE INCIDENTAL TO THE RESPECTIVE BIORETENTION AREA ITEM.

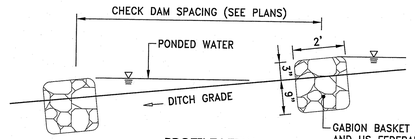
BRA BIORETENTION AREA DETAIL

NOT TO SCALE



CROSS SECTION VIEW

CHECK DAMS SHALL BE CONSTRUCTED WITH THE CENTER OF THE CHECK DAM DEPRESSED 0.1' TO DIRECT FLOW TO THE CENTER.



PROFILE VIEW

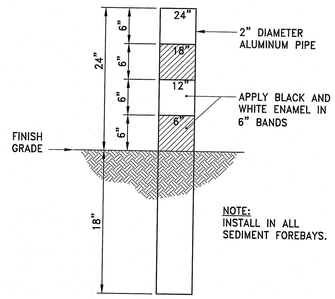
GABION BASKET ASTM A-974-97 AND US FEDERAL SPECIFICATION QQ-W-461H AND COATED IN ACCORDANCE WITH ASTM A641, FINISH 5, CLASS 3.

CD CHECK DAM DETAIL

NOT TO SCALE

NOTES:

1. ITEM SHALL BE INCIDENTAL TO THE WATER QUALITY SWALE ITEM.



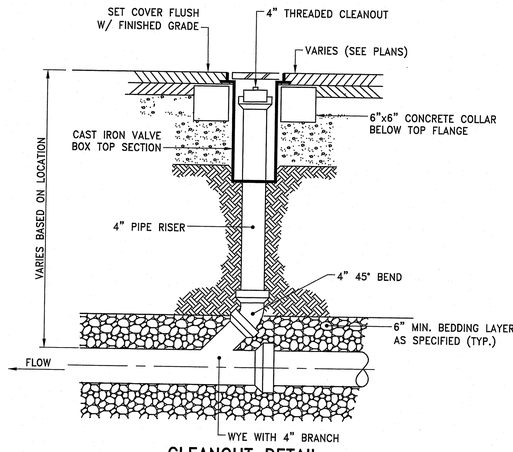
NOTE:
INSTALL IN ALL SEDIMENT FOREBAYS.

SEDIMENT MARKER DETAIL

NOT TO SCALE

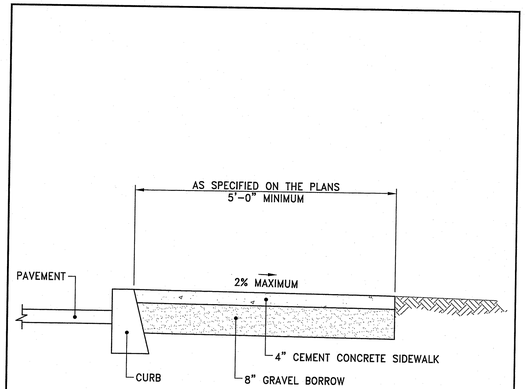
NOTES:

1. ITEM SHALL BE INCIDENTAL TO THE RESPECTIVE BIORETENTION AREA ITEM.

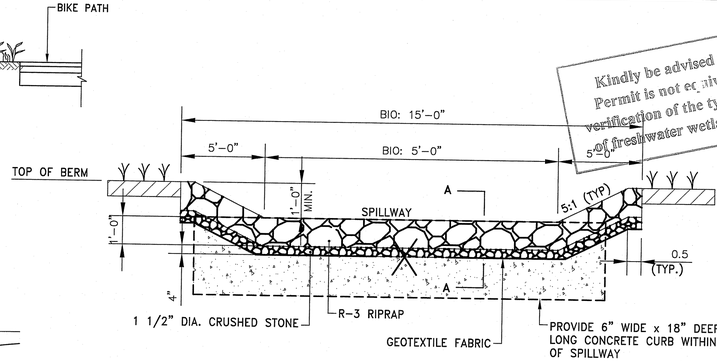


CLEANOUT DETAIL

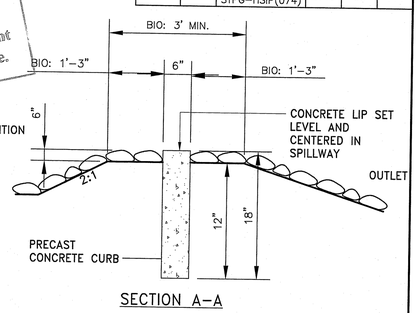
NOT TO SCALE



NOTES
1. SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.
2. FOR CURB SETTING DETAIL REFERENCE STD. 7.6.0.



BIO = BIORETENTION AREA



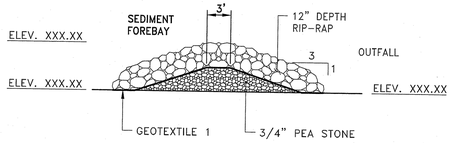
SECTION A-A

NOTES:

1. ITEM SHALL BE INCIDENTAL TO THE RESPECTIVE BIORETENTION AREA ITEM.
2. CONTRACTOR SHALL FILL VOIDS BETWEEN CURB SECTIONS WITH MORTAR

RRSW RIPRAP SPILLWAY DETAIL

NOT TO SCALE

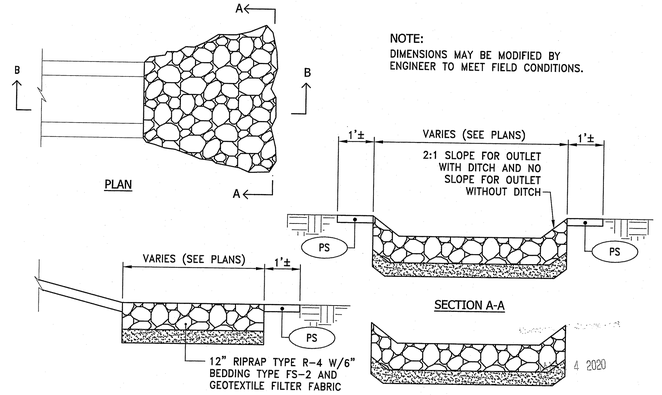


NOTES:

1. ITEM SHALL BE INCIDENTAL TO THE RESPECTIVE BIORETENTION AREA ITEM.

SFCD SEDIMENT FOREBAY - RIP RAP CHECK DAM

NOT TO SCALE



NOTES:

1. ITEM SHALL BE INCIDENTAL TO THE RESPECTIVE BIORETENTION AREA OR WATER QUALITY SWALE ITEM.

RRP RIPRAP PAD DETAIL

NOT TO SCALE

REVISIONS		
NO.	BY	DATE
1	MLP	3/1/05
2	MLP	06/01/10

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

CEMENT CONCRETE SIDEWALK

R.I. STANDARD 43.1.0M

CHIEF ENGINEER TRANSPORTATION — CHIEF DESIGN ENGINEER TRANSPORTATION — JUNE 15, 1998 ISSUE DATE

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0052
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

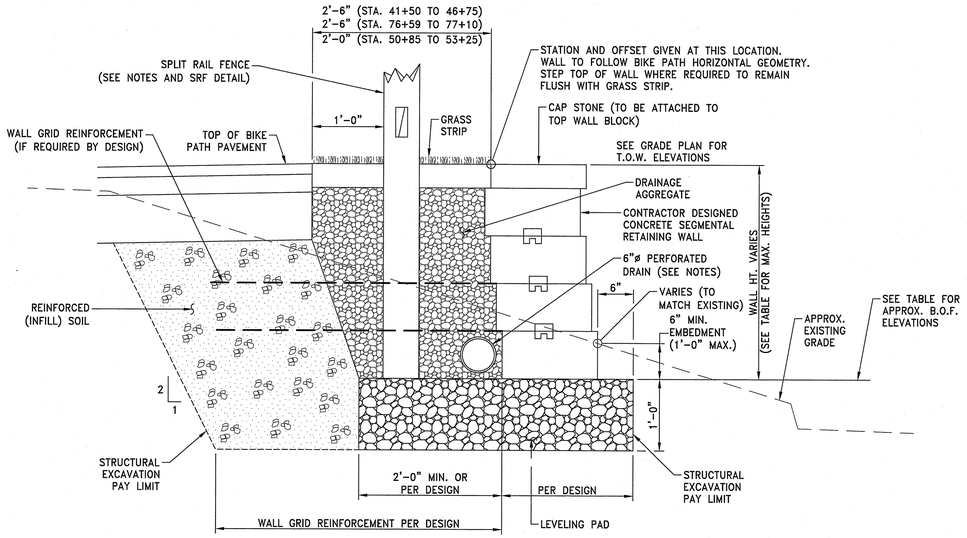
PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DETAILS - 4

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_096_DETAILS001-005_REV03

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	54	114



JT CONNELL STATION	APROX. B.O.F. EL.	APPROX. MAX. WALL HT.
41+50 TO 43+50	9.66	4.05'
43+50 TO 45+00	10.81	3.85'
45+00 TO 45+50	11.5	3.48'
45+50 TO 45+75	12.63	2.51'

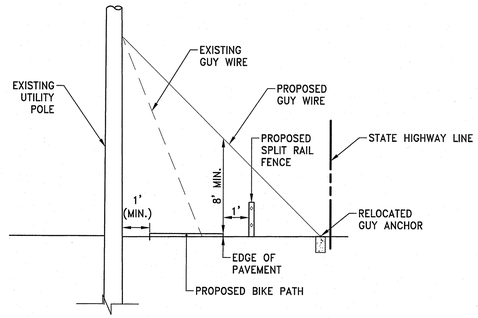
JT CONNELL STATION	APROX. B.O.F. EL.	APPROX. MAX. WALL HT.
50+85 TO 52+50	17.74	4.33'
52+50 TO 53+00	18.20	4.58'
53+00 to 53+25	19.22	3.92'

JT CONNELL STATION	APROX. B.O.F. EL.	APPROX. MAX. WALL HT.
76+59 TO 77+10	15.87	5.63'

NOTES:

1. SEGMENTAL RETAINING WALL WORK SHALL BE IN ACCORDANCE WITH THE JOB-SPECIFIC SPECIFICATION FOR 911.9901 "SEGMENTAL RETAINING WALL SYSTEM" AND PAID FOR UNDER ITEM CODE 911.9901.
2. EXCAVATION WILL BE PAID FOR UNDER ITEM CODE 203.0100.
3. THE WALL MANUFACTURER SHALL SUBMIT A DESIGN PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF RHODE ISLAND AS PART OF THE SHOP DRAWING PROCESS.
4. THE WALL DESIGN SHALL INCORPORATE THE PROPOSED FENCE EMBEDMENTS.
5. THE WALL DESIGN SHALL INCORPORATE UTILITY PENETRATIONS AND UTILITIES RUNNING PARALLEL TO OR UNDER THE WALL. TEST PITS ARE REQUIRED PER JOB-SPECIFIC SPECIFICATION 919.9901 "TEST PITS – RETAINING WALLS" AND ARE PAID FOR UNDER ITEM CODE 919.9901.
6. WALL DRAINS SHALL OUTLET AT THE ENDS OF THE WALL OR PER MANUFACTURER'S RECOMMENDATIONS.
7. SOIL INFORMATION AT THE SITE IS UNKNOWN. SEE JOB-SPECIFIC SPECIFICATIONS 911.9901 AND 919.9901 FOR MORE INFORMATION.
8. BOTTOM OF FOOTING ELEVATIONS AND MAX. WALL HEIGHTS ARE FOR ESTIMATING PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FINAL WALL DIMENSIONS TO PROVIDE THE REQUIRED TOP OF WALL ELEVATIONS AND EMBEDMENTS AT THE FRONT FACE.

SRW SEGMENTAL RETAINING WALL DETAIL
NOT TO SCALE

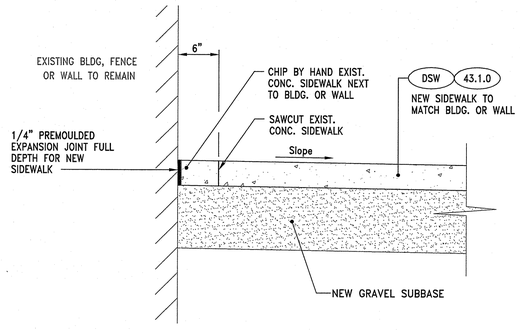


NOTES:

1. GUY WIRE AND ANCHOR TO BE RELOCATED BY OTHERS.
2. A MINIMUM OF 1' HORIZONTAL CLEARANCE SHALL BE PROVIDED BETWEEN THE EDGE OF THE SHARED USE PATH AND THE EXISTING UTILITY POLE.
3. A 1' FOOT OFFSET SHALL BE PROVIDED BETWEEN THE EDGE OF THE SHARED USE PATH AND THE SPLIT RAIL FENCE.
4. A 8' MINIMUM VERTICAL SHALL BE PROVIDED BETWEEN THE TOP OF THE SHARED USE PATH AND THE RELOCATED GUY WIRE.

TYPICAL GUY WIRE RELOCATION AT SHARED USE PATH CROSSING
NOT TO SCALE

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



NOTES:

1. CARE SHALL BE TAKEN WHEN REMOVING SIDEWALKS NOT TO AFFECT THE STRUCTURAL INTEGRITY OF BUILDINGS, WALLS, AND OTHER VERTICAL STRUCTURES.
2. THE CONTRACTOR SHALL CUT A 6" x 12" TEST AREA AT EACH WALL AND REMOVE THE SIDEWALK, FOR THE ENGINEER TO VISUALLY INSPECT THE DISTURBED AREA.
3. THE HANDWORK REQUIRED TO REMOVE THE SECTIONS OF SIDEWALK NEXT TO BUILDING OR WALL SHALL BE INCIDENTAL TO THE REMOVE AND DISPOSE SIDEWALK WORK ITEM.

SIDEWALK REMOVAL AT WALL/STRUCTURE
NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0032
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 1 4 2020

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

DETAILS - 5

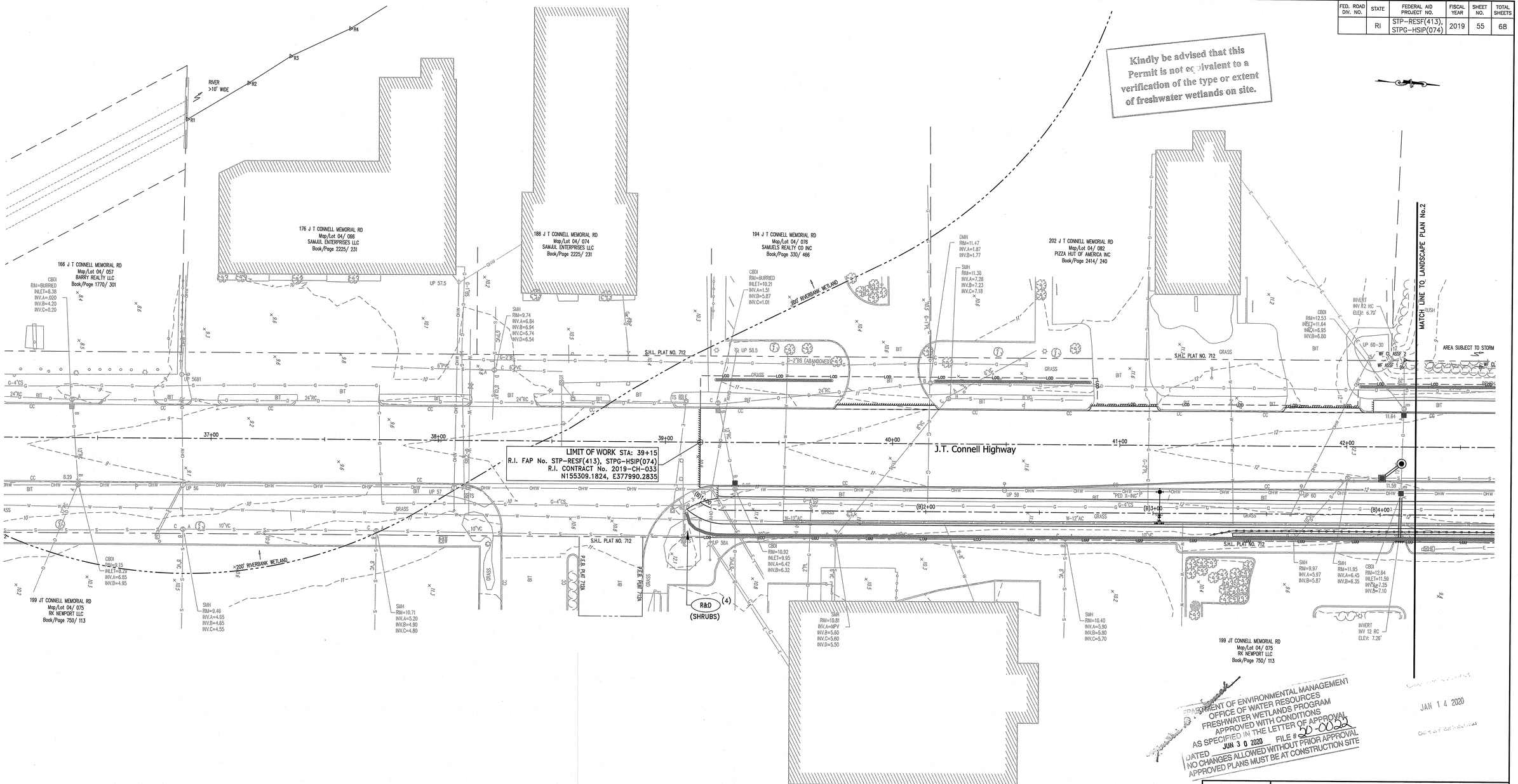
CHECKED BY _____ DATE _____ SCALE 1"=20'

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_096_DETAILS001-005_REV03

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	55	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0028
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.

Scale: 1"=20'
0 10' 20' 40'

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.1

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_099_LANDSCAPE001

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	56	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO LANDSCAPE PLAN No.1

MATCH LINE TO LANDSCAPE PLAN No.3

J.T. Connell Highway

J T CONNELL MEMORIAL RD
Map/Lot 04/ 052
REZENDES MANUEL
Book/Page 2618/ 262, 284/ 424

222 J T CONNELL MEMORIAL RD
Map/Lot 04/ 086
WARREN HOUSE PARTNERS LLC
Book/Page 2139/ 185

228 J T CONNELL MEMORIAL RD
Map/Lot 04/ 077
R V S ASSOCIATES INC
Book/Page 666/ 279

236 J T CONNELL MEMORIAL RD
Map/Lot 04/ 078
ONE STOP BUILDING SPLY CTR INC
Book/Page 252/ 231

199 JT CONNELL MEMORIAL RD
Map/Lot 04/ 075
RK NEWPORT LLC
Book/Page 750/ 113

199 JT CONNELL MEMORIAL RD
Map/Lot 04/ 075
RK NEWPORT LLC
Book/Page 750/ 113

S.H.L. PLAT NO. 712

AREA SUBJECT TO STORM FLOWAGE

100'-250' FLOODPLAIN (EL. 13')

50' FRESHWATER WETLAND

"100-YEAR FLOODPLAIN (EL. 13')

"PED CROSSING"

51.2.0

(2)

WF CL ASSF 1 thru WF CL ASSF 6

WF A1 thru WF A8

BRUSH

MARSH

GRASS

GRAVEL

LSA

BIT

CC

LOD

OHW

10"VC

18"RC

12"RC

CBDI RIM=12.53 INVE=11.64 INVA=6.95 INV.B=6.80

INVERT INV 12 RC ELEV. 6.79'

DMH RIM=13.19 INV.A=3.39 INV.B=3.29

DMH RIM=13.64 INV.A=4.85 INV.B=4.75 INV.C=5.05 INV.D=4.65

CBDI RIM=13.26 INV.A=4.95 INV.B=4.75

SMH RIM=14.43 CNO

DMH RIM=15.07 INV.A=5.47 INV.B=5.37 INV.C=5.17

CBDI RIM=15.76 INLET=14.65 INV.A=10.65

MH RIM=9.97 INV.A=5.97 INV.B=5.87

SMH RIM=11.95 INV.A=6.45 INV.B=6.35

CBDI RIM=12.64 INLET=11.59 INV.A=7.25 INV.B=7.10

INVERT INV 12 RC ELEV. 7.26'

INVERT INV 18 RC FE ELEV. 7.45'

INVERT INV 24 WIDE BIT PRKING LOT OUT ELEV. 9.20'

SMH RIM=12.69 CNO

CB RIM=9.71 SUMP=4.2 INV.A=6.20 INV.B=6.20

CBDI RIM=14.13 INLET=13.17 INV.A=5.43 INV.B=5.33

DMH RIM=10.27 INV.A=6.17 INV.B=6.07

SMH RIM=13.70 INV.A=9.10 INV.B=9.20 INV.C=9.20 INV.D=8.50 INV.E=8.40

SMH RIM=13.99 INV.A=7.15 INV.B=7.20 INV.C=7.20 INV.D=7.10

SMH RIM=12.73 INV.A=8.63 INV.B=9.53

CB RIM=12.48 SUMP=6.2 INV.A=8.10 INV.B=8.05

CB RIM=13.96 SUMP=6.6 INV.A=8.75 INV.B=8.35 INV.C=8.55 INV.D=8.25

42+00 43+00 44+00 45+00 46+00 47+00 48+00

(B)4+00 (B)5+00 (B)6+00 (B)7+00 (B)8+00 (B)9+00 (B)10+00

NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.

Scale: 1"=20'
0 10' 20' 40'

CONFORMANCE WITH ENVIRONMENTAL MANAGEMENT
RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS SHOWN
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.2

Diane C. Soule & Associates, ASLA
Landscape Architecture

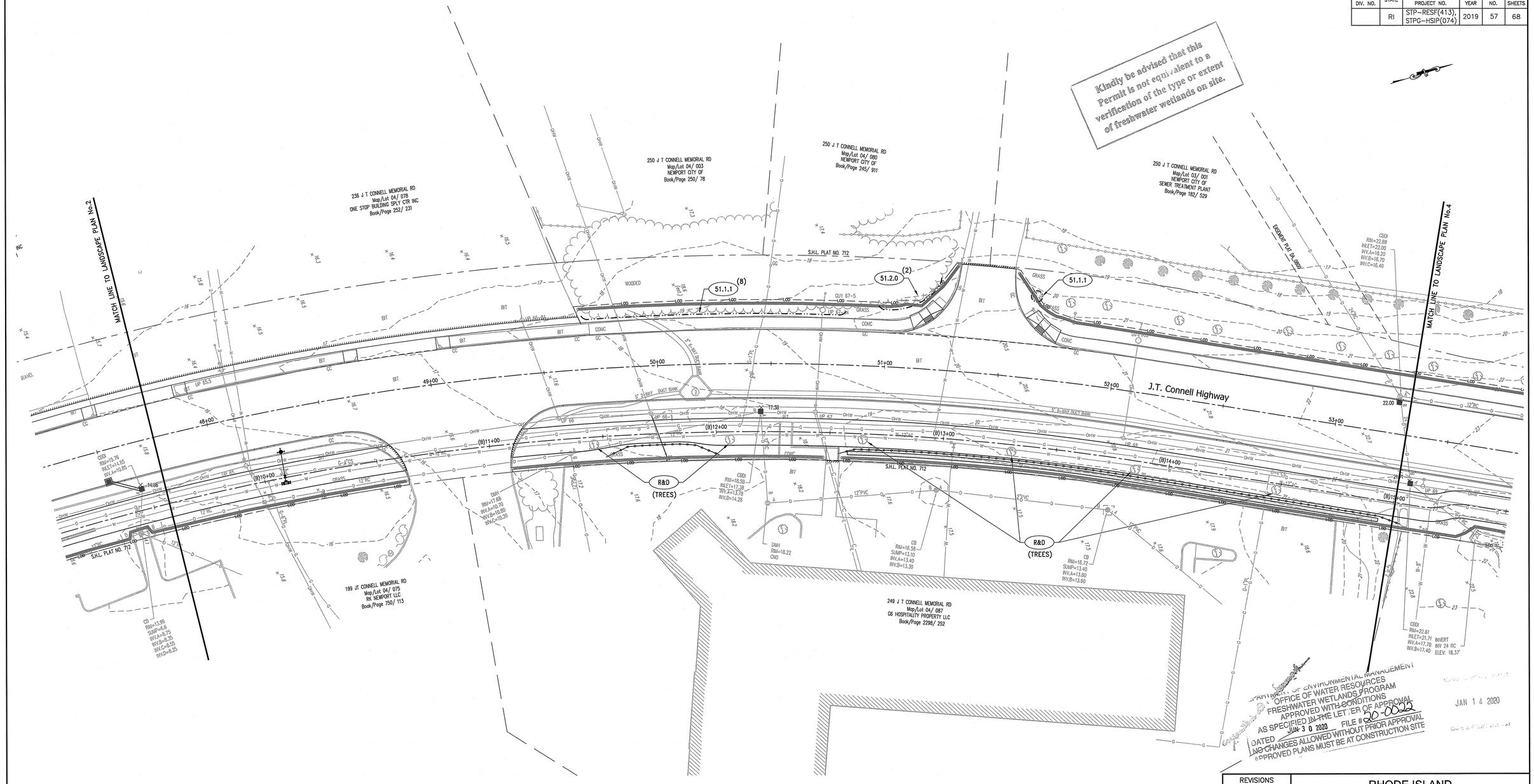
PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_100_LANDSCAPE002

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	57	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.

Scale: 1"=20'
0 10' 20' 40'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0002
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.3

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_101_LANDSCAPE003

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	58	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

MATCH LINE TO LANDSCAPE PLAN No.3

MATCH LINE TO LANDSCAPE PLAN No.5

CBDI
RIM=22.89
INLET=22.00
INV.A=18.20
INV.B=16.70
INV.C=16.40

250 J T CONNELL MEMORIAL RD
Map/Lot 03/ 001
NEWPORT CITY OF
SEWER TREATMENT PLANT
Book/Page 182/ 529

CBDI
RIM=27.40
INLET=26.60
INV.A=22.20
INV.B=22.10
INV.C=22.10

SMH
RIM=29.00
CNO

SMH
RIM=30.36
INV.A=21.96
INV.B=21.06

SMH
RIM=25.40
CNO

250 J T CONNELL MEMORIAL RD
Map/Lot 03/ 001
NEWPORT CITY OF
SEWER TREATMENT PLANT
Book/Page 182/ 529

286 J T CONNELL MEMORIAL RD
Map/Lot 03/ 031
NARRAGANSETT ELECTRIC COMPANY
Book/Page 2222/ 293

CBDI
RIM=35.04
INLET=34.96
SHELF=33.05
INV.A=29.85
INV.B=30.05
INV.C=29.75

S.H.L. PLAT NO. 712

J.T. Connell Highway

53+00 54+00 55+00 56+00 57+00 58+00 59+00

(B)15+00 (B)16+00 (B)17+00 (B)18+00 (B)19+00 (B)20+00

5" 10-WAY DUCT BANK

51.1.1
TT
(SEE NOTE 2)

R&D
(10)
(PLANTS)
(SEE NOTE 4)

R&D
(5)
(SHRUBS)

257 J T CONNELL MEMORIAL RD
Map/Lot 04/ 051
NEWPORT MINI STORAGE LLC
Book/Page 753/ 185

289 J T CONNELL MEMORIAL RD
Map/Lot 03/ 036
NEWPORT CITY OF
Book/Page 1993/-174-1

CBDI
INLET=21.71
INV.A=17.70
INV.B=17.40

INVERT
INV 24 RC
ELEV: 18.37'

INVERT
INV 12 PVC
ELEV: 20.20'

INVERT
INV 8 PVC
ELEV: 20.21'

INVERT
INV 12 PVC
ELEV: 22.00'

CB
RIM=35.21
SUMP=29.50
NPV

CB
RIM=37.21
SUMP=30.20
INV.A=34.00
INV.B=33.70

CB
RIM=37.64
SUMP=34.00
INV.A=35.15

TOP OF STANDPIPE
8"PVC INLET
ELEV: 39.53'

BOTTOM OF STANDPIPE
8"PVC OUTLET
ELEV: 35.51'

INVERT
INV 12 CP FE
ELEV: 37.36'

INVERT
INV 12 CP FE
ELEV: 38.05'

RECEIVED
JAN 14 2020
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

FILE # 20-0052
JUN 30 2020

NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.
2. TREE TRIMMING SHALL BE COMPLETED SO THAT A MINIMUM CLEARANCE OF 8' IS HELD BETWEEN THE BIKE PATH AND THE TREE OVERHANG.
3. TREE TRIMMING AND REMOVAL AND DISPOSAL OF ALL TRESS SHALL BE DONE WITHIN THE STATE RIGHT-OF-WAY.
4. REMOVE AND DISPOSE ALL PLANTS WITHIN RIGHT-OF-WAY.

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.4

CHECKED BY _____ DATE _____ SCALE 1"=20'

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_102_LANDSCAPE004

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	59	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

286 J T CONNELL MEMORIAL RD
Map/Lot 03/ 031
NARRAGANSETT ELECTRIC COMPANY
Book/Page 2222/ 293

312 J T CONNELL MEMORIAL RD
Map/Lot 03/ 029
ASTON PROPERTIES LTD LLC
Book/Page 1090/ 311

MATCH LINE TO LANDSCAPE PLAN No.4

MATCH LINE TO LANDSCAPE PLAN No.6

CSDI
RIM=35.04
INLET=34.96
SHELF=33.05
INV.A=29.85
INV.B=30.05
INV.C=29.75

CB
RIM=48.40
SUMP=41.90
INV.A=43.60
INV.B=43.50

SMH
RIM=49.58
CND

S.H.L. PLAT NO. 712

BUS STOP

"RIGHT TURN ONLY"
"YIELD"
"DO NOT ENTER"

"YIELD"
"RIGHT TURN ONLY"
"DO NOT ENTER"

"STOP"
"DO NOT ENTER"

59+00 60+00 61+00 62+00 63+00 64+00

J.T. Connell Highway

(B)21+00 (B)22+00 (B)23+00 (B)24+00 (B)25+00 (B)26+00

5' 6-WAY DUCT BANK

12"RC

12"VC

"25 MPH"

SMH
RIM=52.18
INV.A=44.80
INV.B=44.90
INV.C=45.40
INV.D=45.60

SMH
RIM=54.34
INV.A=47.54
INV.B=47.44

CB
RIM=37.84
SUMP=34.90
INV.A=35.15

TOP OF STANDPIPE
8"PVC INLET
ELEV. 39.53'

BOTTOM OF STANDPIPE
8"PVC OUTLET
ELEV. 35.51'

INVERT
INV 12 CP FE
ELEV. 37.36'

INVERT
INV 12 CP FE
ELEV. 36.05'

293 J T CONNELL MEMORIAL RD
Map/Lot 03/ 035
CITY OF NEWPORT
C/O COASTAL EXTREME BREWING CO
Book/Page 1839/ 193

295-297 J T CONNELL MEMORIAL RD
Map/Lot 03/ 032
ADAL LLC
Book/Page 2390/ 16

CBDI
RIM=49.20
INLET=48.01
FULL OF DEBRIS
SUMP=44.2

256 MAPLE AVE
Map/Lot 03/ 028
ALVES JOSEPH
Book/Page 1107/ 149

Maple Avenue

GRAVEL

51.1.1
TT
(SEE NOTE 2)

R&D
(TREES)

245 MAPLE AVE
Map/Lot 02/ 013
NEWPORT CITY OF
CODDINGTON FELD
Book/Page 207/ 250

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 50-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.
2. TREE TRIMMING SHALL BE COMPLETED SO THAT A MINIMUM CLEARANCE OF 8' IS HELD BETWEEN THE BIKE PATH AND THE TREE OVERHANG.
3. TREE TRIMMING AND REMOVAL AND DISPOSAL OF ALL TRESS SHALL BE DONE WITHIN THE STATE RIGHT-OF-WAY.

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

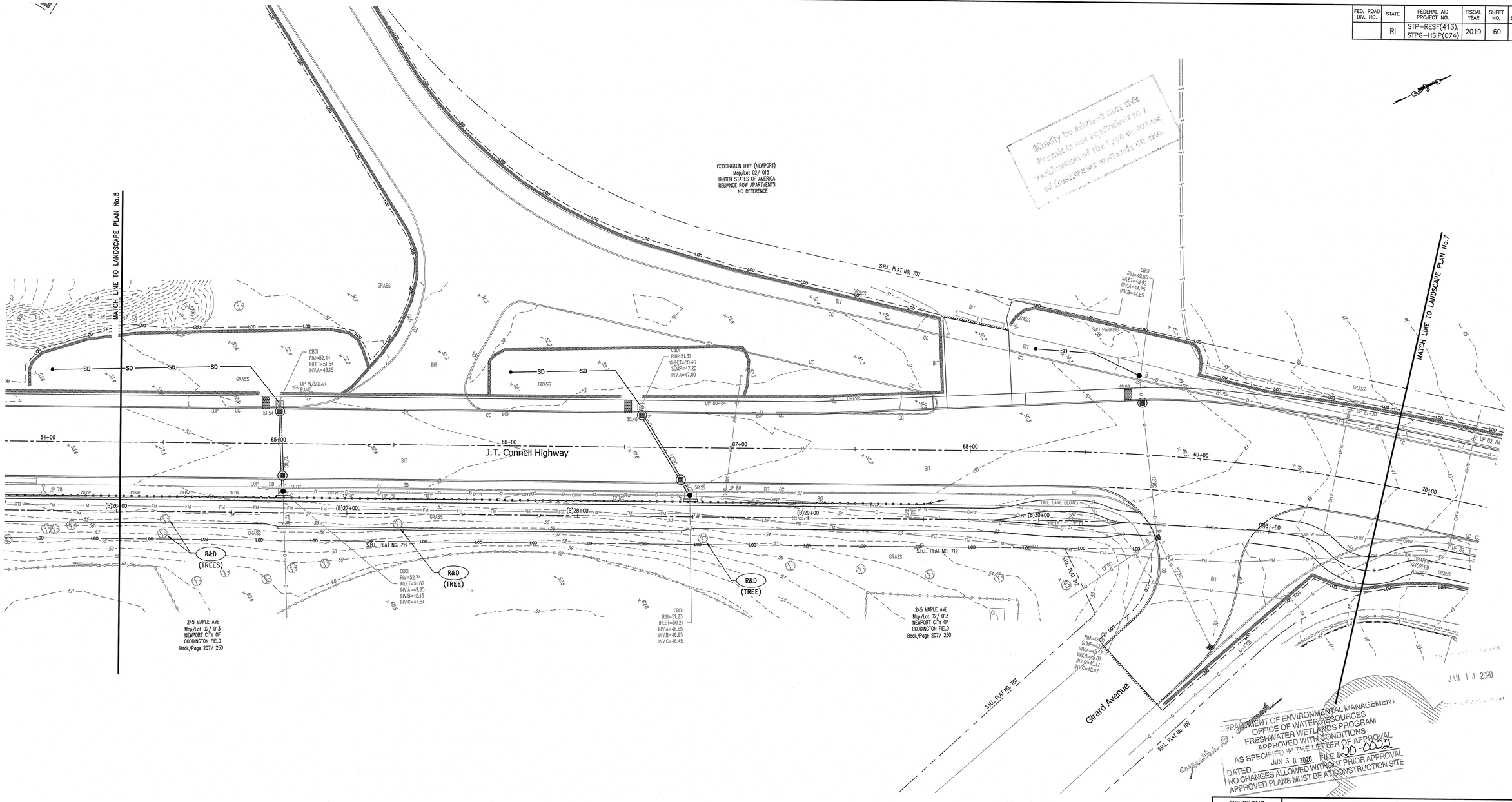
PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.5

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_103_LANDSCAPE005

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	60	68



NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.
2. TREE TRIMMING SHALL BE COMPLETED SO THAT A MINIMUM CLEARANCE OF 8' IS HELD BETWEEN THE BIKE PATH AND THE TREE OVERHANG.
3. TREE TRIMMING AND REMOVAL AND DISPOSAL OF ALL TRESS SHALL BE DONE WITHIN THE STATE RIGHT-OF-WAY.

Scale: 1"=20'
0 10' 20' 40'

It may be advised that this permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

JAN 14 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

REVISIONS		
NO.	DATE	BY

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

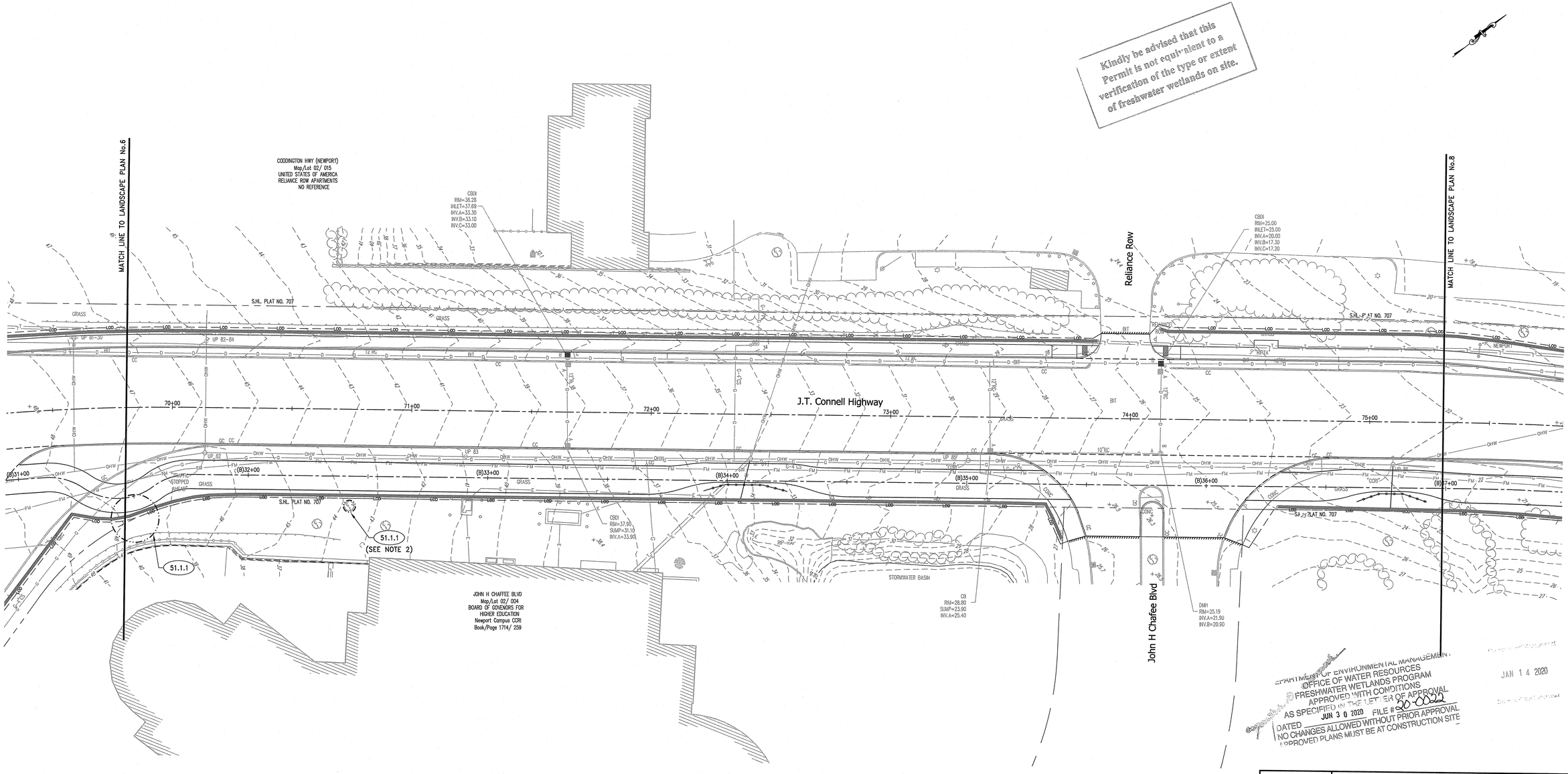
LANDSCAPE PLAN No.6

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_104_LANDSCAPE006

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	61	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.
2. TREE TRIMMING SHALL BE COMPLETED SO THAT A MINIMUM CLEARANCE OF 8' IS HELD BETWEEN THE BIKE PATH AND THE TREE OVERHANG.
3. TREE TRIMMING AND REMOVAL AND DISPOSAL OF ALL TRESS SHALL BE DONE WITHIN THE STATE RIGHT-OF-WAY.

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

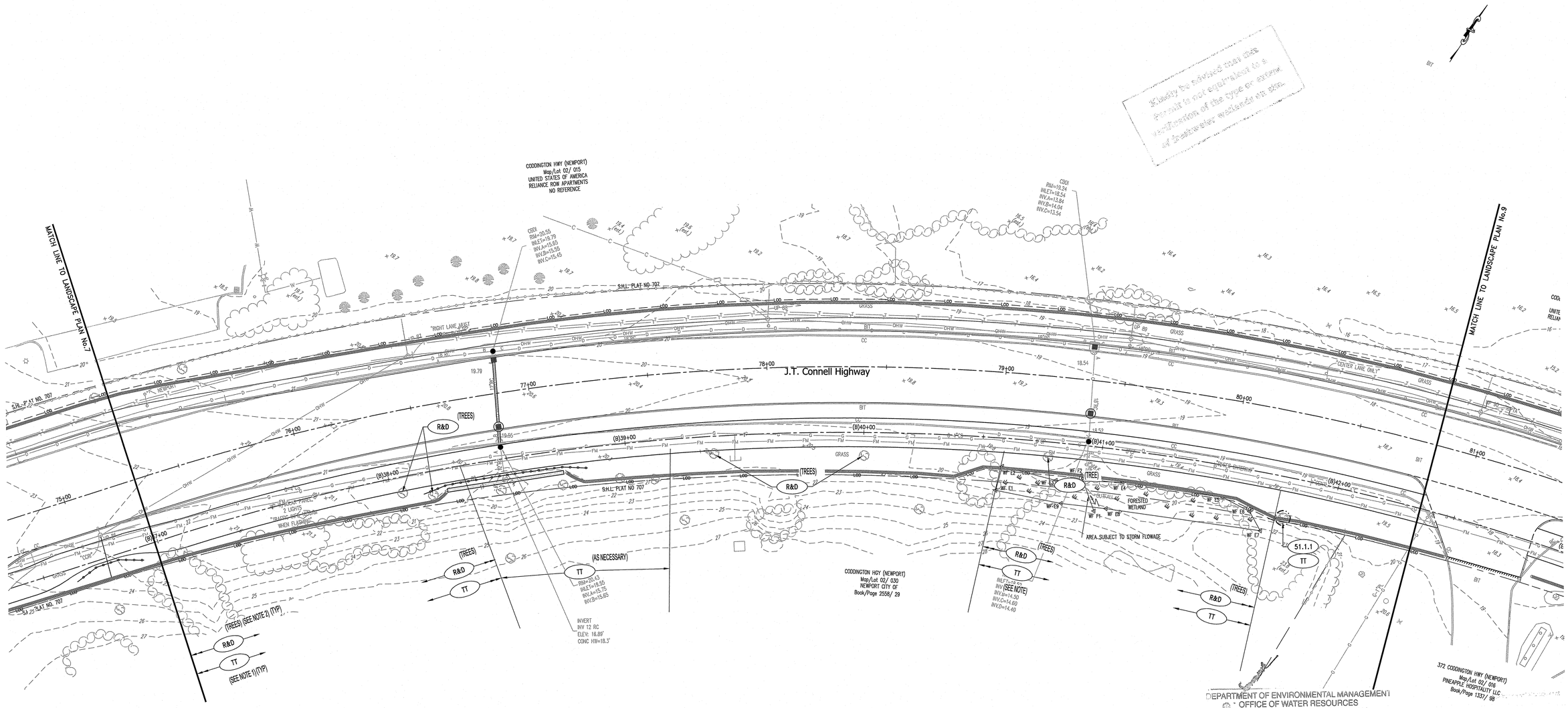
PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.7

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_105_LANDSCAPE007

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	62	68



NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.
2. TREE TRIMMING SHALL BE COMPLETED SO THAT A MINIMUM CLEARANCE OF 8' IS HELD BETWEEN THE BIKE PATH AND THE TREE CANOPY.
3. TREE TRIMMING AND REMOVAL AND DISPOSAL OF ALL TRESS SHALL BE DONE WITHIN THE STATE RIGHT-OF-WAY.

Kimley be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
- OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

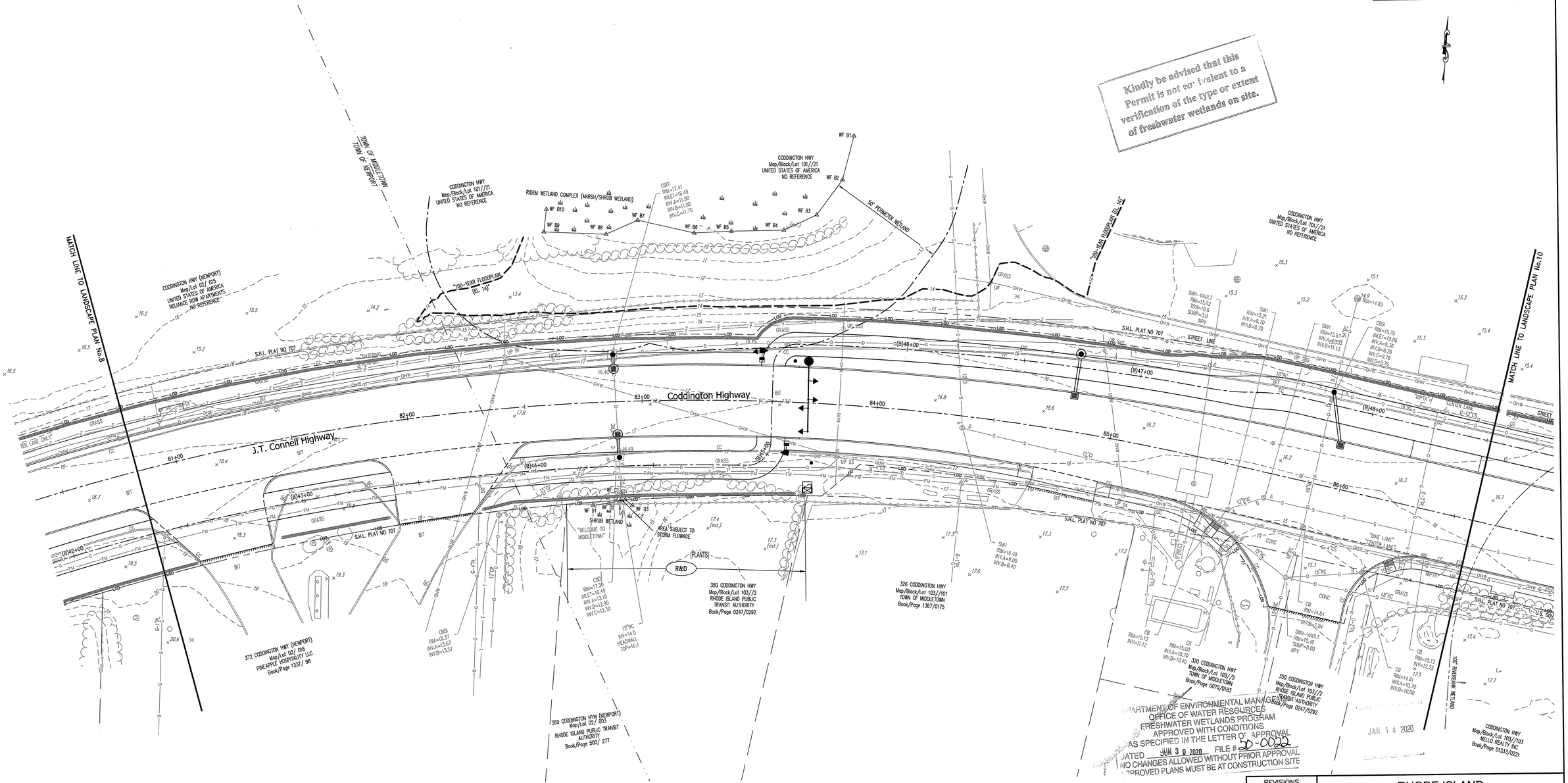
PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.8

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_106_LANDSCAPE008

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	63	68



Scale: 1"=20'

0 10' 20' 40'

NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.

REVISIONS		
NO.	DATE	BY

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

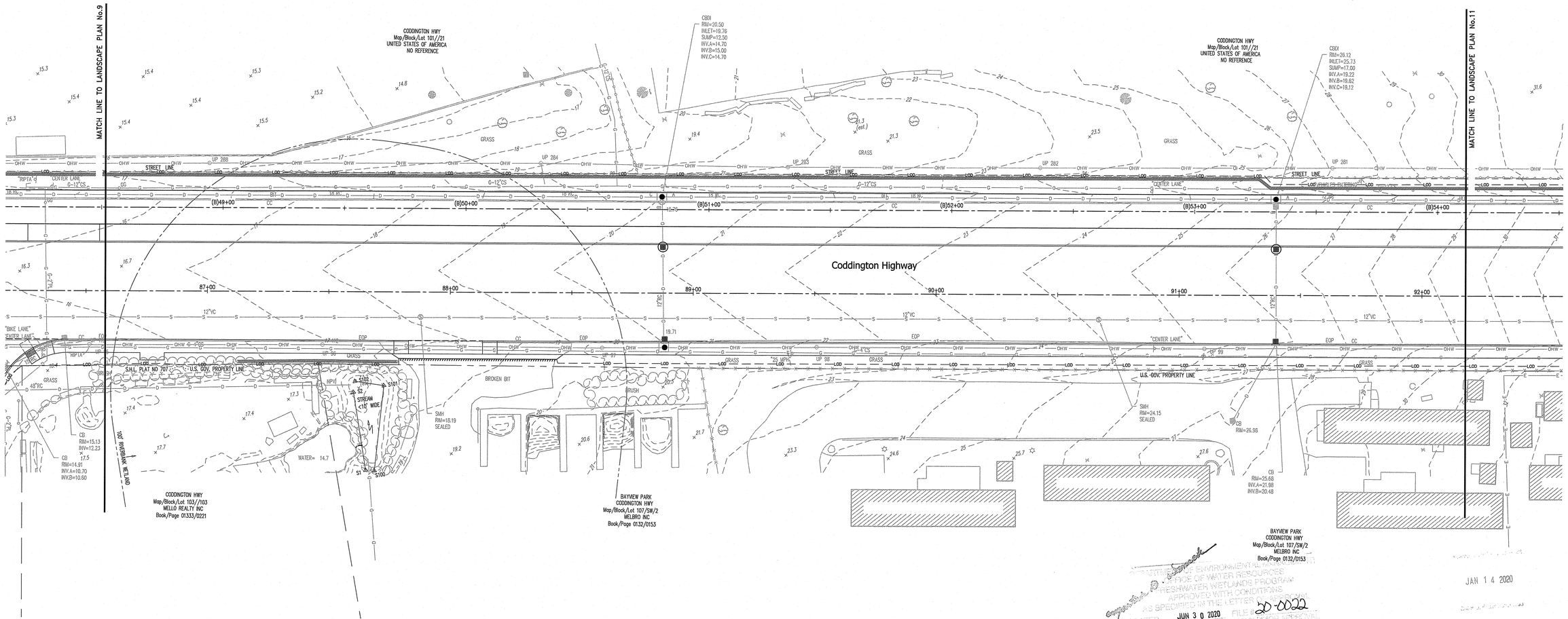
LANDSCAPE PLAN No.9

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_107_LANDSCAPE009

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	64	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.

STATE OF RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER DATED JUN 3 0 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.10

CHECKED BY _____ DATE _____ SCALE 1"=20'

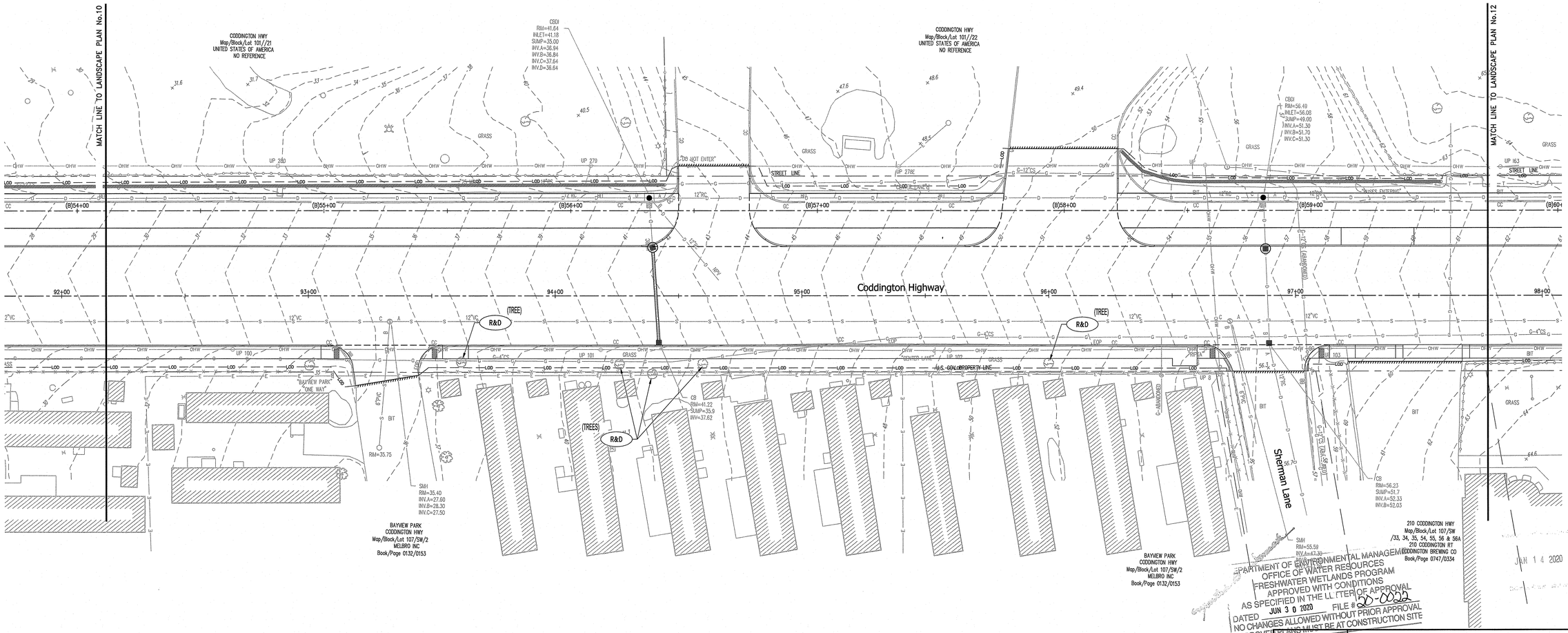
Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_108_LANDSCAPE010

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	65	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 3 0 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JUN 14 2020

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS · SCIENTISTS · PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

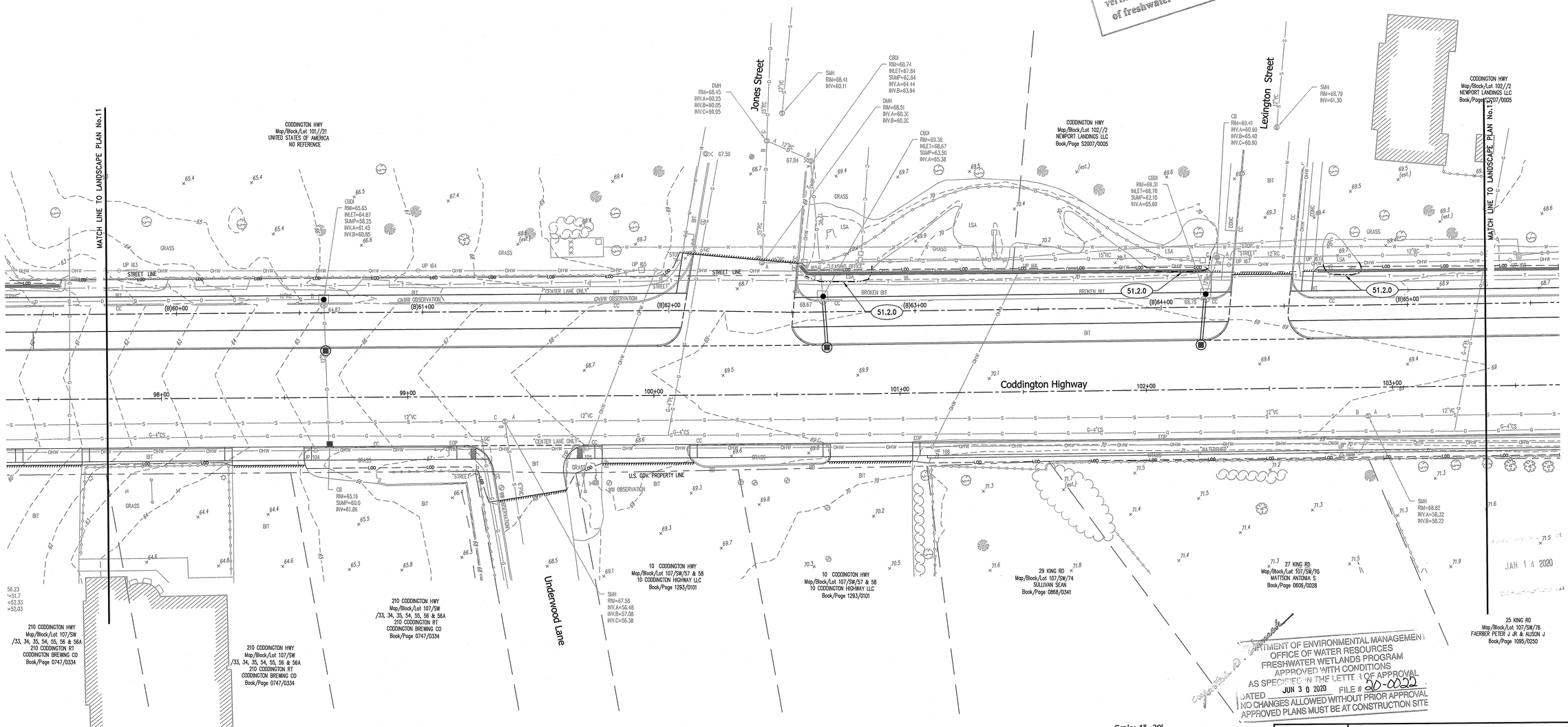
LANDSCAPE PLAN No.11

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_109_LANDSCAPE011

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	66	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.12

CHECKED BY _____ DATE _____ SCALE 1"=20'

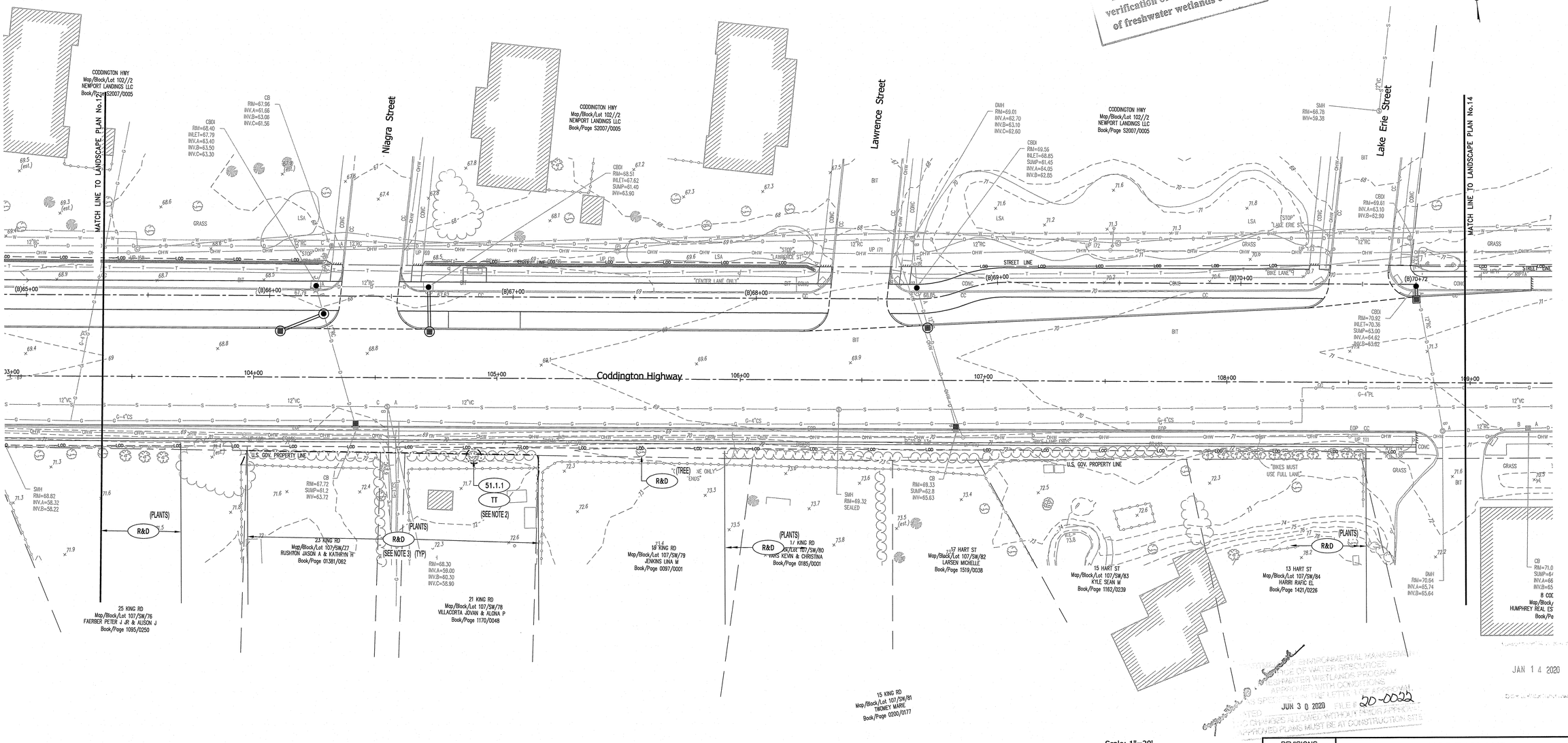
Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

0050A_V1_110_LANDSCAPE012

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413); STPG-HSIP(074)	2019	67	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.
2. TREE TRIMMING SHALL BE COMPLETED SO THAT A MINIMUM CLEARANCE OF 8' IS HELD BETWEEN THE SIDEWALK AND THE TREE CANOPY.
3. TREE TRIMMING AND REMOVAL AND DISPOSAL OF ALL TRESS AND PLANTS SHALL BE DONE WITHIN THE STATE RIGHT-OF-WAY.

Scale: 1"=20'
0 10' 20' 40'

RECEIVED
JAN 14 2020

RECEIVED
JUN 30 2020

20-0022

REVISIONS		
NO.	DATE	BY

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.13

CHECKED BY _____ DATE _____ SCALE 1"=20'

0050A_V1_111_LANDSCAPE013

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	STP-RESF(413), STPG-HSIP(074)	2019	68	68

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

Lake Erie Street

MATCH LINE TO LANDSCAPE PLAN No.13

Coddington Highway

Rockwood Road

West Main Road

WEST MAIN RD
Map/Block/Lot 102///
UNITED STATES OF AMERICA
NO REFERENCE

569 WEST MAIN RD
Map/Block/Lot 107/SE/32
RENAISSANCE DEVELOPMENT CORP
Book/Page 0248/0091

2-4 CODDINGTON HWY
Map/Block/Lot 107/SW/88
SMUDGECO LLC
Book/Page 1293/158

554 WEST MAIN RD
Map/Block/Lot 107/SW/89
SMUDGECO LLC
Book/Page 1406/179

553 WEST MAIN RD
Map/Block/Lot 107/SE/59
DANGELO INC
Book/Page 0157/1151

5 HART ST
Map/Block/Lot 107/SW/87
SMUDGECO LLC
Book/Page 1431/0154

7 HART ST
Map/Block/Lot 107/SW/86
LIBBY GARY E JR
Book/Page DC2013/0190, 1301/0207

8 CODDINGTON HWY
Map/Block/Lot 107/SW/85
HUMPHREY REAL ESTATE HOLDINGS LLC
Book/Page 0554/0036

BENCHMARK:
MDNSK L-28
ELEV: 74.58'

LIMIT OF WORK STA: 112+00
R.I. FAP No. STP-RESF(413), STPG-HSIP(074)
R.I. CONTRACT No. 2019-CH-033
N158531.9960, E382722.4890

(SEE NOTE 2)

(SEE NOTE 3)

U.S. GOV. PROPERTY LINE

"BIKE MAY USE FULL LANE"

"EMERGENCY SVAC ROUTE"

AIRPLANE

STREET LINE

LANE ENDS MERGE RIGHT

RIPTA

C-ABANDONED

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 30 2020 FILE # 20-0066
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JAN 14 2020

Scale: 1"=20'
0 10' 20' 40'

NOTE:
1. PROPOSED LANDSCAPING TO BE PROVIDED BY ADDENDUM.
2. TREE TRIMMING SHALL BE COMPLETED SO THAT A MINIMUM CLEARANCE OF 8' IS HELD BETWEEN THE BIKE PATH AND THE TREE CANOPY.
3. TREE TRIMMING AND REMOVAL AND DISPOSAL OF ALL TRESS AND PLANTS SHALL BE DONE WITHIN THE STATE RIGHT-OF-WAY.

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

PELL BRIDGE RAMPS - PHASE I
IMPROVEMENTS TO
J.T. CONNELL / CODDINGTON HIGHWAY
NEWPORT/MIDDLETOWN, RHODE ISLAND

LANDSCAPE PLAN No.14

CHECKED BY _____ DATE _____ SCALE 1"=20'

Diane C. Soule & Associates, ASLA
Landscape Architecture

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
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