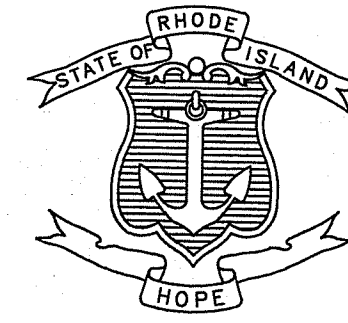


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10	DAVIS BRIDGE NO. 043601 REPAIR DETAILS - 1
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STATE OF RHODE ISLAND



DEPARTMENT OF TRANSPORTATION

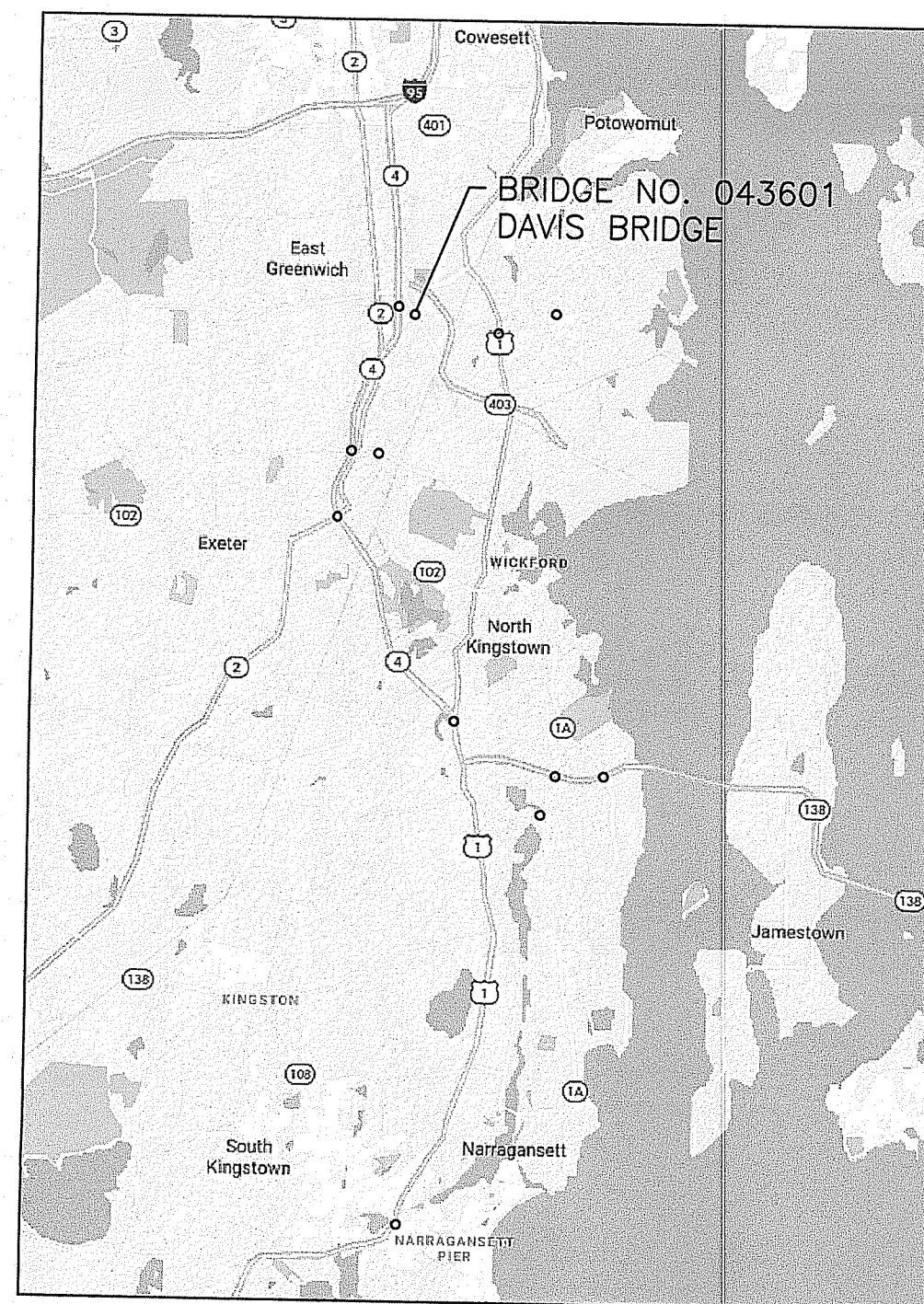
PLAN, PROFILE AND SECTIONS OF PROPOSED

BRIDGE GROUP 18A

EAST GREENWICH, NORTH KINGSTOWN & NARRAGANSETT, RHODE ISLAND
KENT & WASHINGTON COUNTIES

R.I. CONTRACT NO. XXXX-XX-XXX F.A. PROJECT NO. XXX-XXXX(XXX)

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.



LAYOUT PLAN
SCALE

**Michael Baker
INTERNATIONAL**

Contract Number _____
Number of Sheet 01
Total Sheets 11

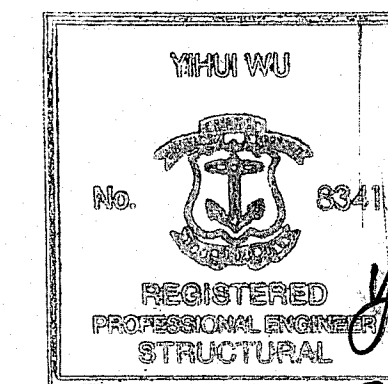
FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.
	RI		2020	01

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED MAY 01 2020 FILE # 20-0015
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

HURRICANE EVACUATION ROUTE
THIS PROJECT INCLUDES WORK ON A DESIGNATED HURRICANE EVACUATION AND DIVERSIONARY ROUTE AS FOLLOWS:

JAN 15 2020
Office of Water Resources

30% SUBMISSION



R.I. DEPARTMENT OF TRANSPORTATION

APPROVED _____

DEPUTY CHIEF ENGINEER _____ DATE _____

APPROVED _____

CHIEF ENGINEER _____ DATE _____

APPROVED _____

DIRECTOR _____ DATE _____

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

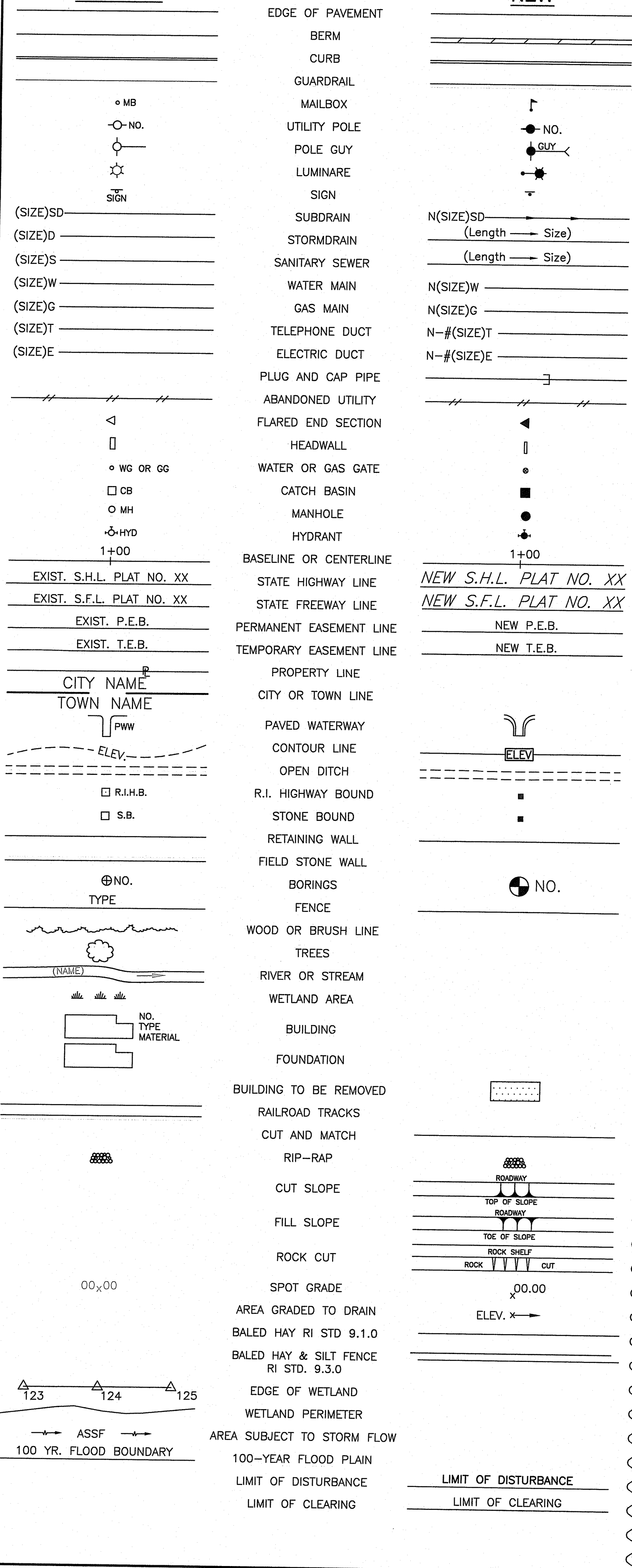
APPROVED _____

DIVISION ADMINISTRATOR _____ DATE _____

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
00	RI	XXXXXX	2020	02	1

EXISTING

NEW

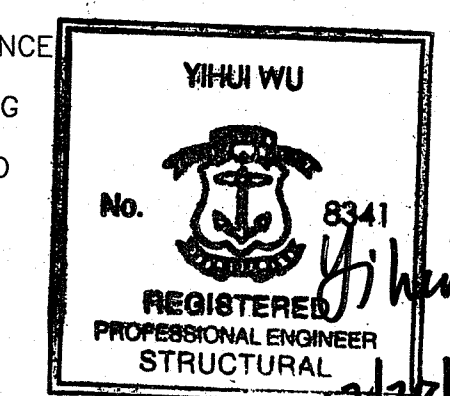


1.1.0	UNDERDRAIN	7.4.2	GRANITE TRANSITION CURB (VERTICAL FACE TO SLOPE FACE)	AB	ADJUST CATCH BASIN TO GRADE
1.3.0	CONCRETE CONNECTING COLLAR	7.5.0	BITUMINOUS CONCRETE LIP CURB	ABM	ADJUST CATCH BASIN TO MANHOLE
2.1.0	CONCRETE HEADWALLS FOR PIPE CULVERTS	7.5.1A	BITUMINOUS BERM (CONSTRUCTION METHOD A)	AC	ADJUST CURB STOP TO GRADE
2.2.0	STANDARD HEADWALLS FOR MULTIPLE 3'-6" TO 7'-0" PIPE CULVERTS	7.5.1B	BITUMINOUS BERM (CONSTRUCTION METHOD B)	AD	ADJUST DRAINAGE MANHOLE TO GRADE
2.3.0 (DIA.)	PRECAST CONCRETE FLARED END SECTION	7.6.0	CURB SETTING DETAIL	AE	ADJUST ELECTRIC MANHOLE TO GRADE
3.2.0	BRICK/SOLID BLOCK 4'-0" ROUND MANHOLE	8.2.0	BITUMINOUS CONCRETE DITCH	AFC	ADJUST FRAME AND COVER TO GRADE
3.2.1 (DIA.)	BRICK/SOLID BLOCK 5'-0" OR 6'-0" ROUND MANHOLE	8.3.0	RIP-RAP DITCH	AFG	ADJUST FRAME AND GRATE TO GRADE
3.3.0	BRICK/SOLID BLOCK TYPE "D" SQUARE CATCH BASIN	8.4.0	PAVED WATERWAY	AG	ADJUST GAS GATE BOX TO GRADE
3.3.2	BRICK/SOLID BLOCK TYPE "F" SQUARE CATCH BASIN	9.1.0	BALED HAY EROSION CHECK	AHH	ADJUST HANDHOLE TO GRADE
3.3.3	SOLID BLOCK FLUSH SQUARE CATCH BASIN	9.2.0	SILT FENCE DETAIL	AS	ADJUST SANITARY SEWER MANHOLE TO GRADE
3.4.0	BRICK/SOLID BLOCK TYPE "D" ROUND CATCH BASIN	9.3.0	BALED HAY DITCH EROSION CHECK AND SILT FENCE COMBINED	AT	ADJUST TELEPHONE MANHOLE TO GRADE
3.4.1	BRICK/SOLID BLOCK ROUND CATCH BASIN WITH GUTTER INLET	9.4.0	BALED HAY DITCH AND SWALE EROSION CHECK	AW	ADJUST WATER GATE BOX TO GRADE
3.4.2	BRICK/SOLID BLOCK TYPE "F" ROUND CATCH BASIN	9.5.0	LOG AND HAY CHECK DAM	BCD	BITUMINOUS CONCRETE DRIVEWAY
3.4.3	BRICK/SOLID BLOCK TYPE "R" CATCH BASIN	9.7.0	DEWATERING BASIN	BPS	3" BITUMINOUS CONCRETE TYPE 1-2
3.4.4	SOLID BLOCK FLUSH ROUND CATCH BASIN	9.8.0	BALED HAY CATCH BASIN INLET PROTECTION	CCB	8" GRAVEL BORROW SUBBASE COURSE
3.4.5 (DIA.)	BRICK/SOLID BLOCK 5'-0" OR 6'-0" ROUND CATCH BASIN	9.9.0	CONSTRUCTION ACCESS	CCP	BUILD NEW STRUCTURE OVER EXISTING PIPE
3.5.0	SOLID BLOCK SHALLOW TYPE "F" SQUARE CATCH BASIN	10.1.0	WET STONE MASONRY RETAINING WALL	CCP	CLEAN CATCH BASIN
3.5.1 (SIZE)	SOLID BLOCK SHALLOW 5'-0" OR 6'-0" SQUARE CATCH BASIN	10.2.0	RUBBLE MASONRY WALL	CCP	CUT AND CAP PIPE WITH RESTRAINT (ALL SIZES)
3.6.0	BRICK/SOLID BLOCK DROP INLET	10.3.0	CONCRETE RETAINING WALL	CCP	CLEAN AND FLUSH PIPE
3.7.0 (DIA.)	BRICK/SOLID BLOCK ROUND MANHOLE OR CATCH BASIN GREATER THAN 12'-0"	10.4.0	STONE MASONRY STEPS	CG	CLEARING AND GRUBBING
4.2.0	PRECAST 4'-0" ROUND MANHOLE	14.1.0	CONCRETE HIGHWAY BOUND	CMH	CLEAN MANHOLE
4.2.1	PRECAST 5'-0" ROUND MANHOLE	15.1.0	POST AND MOUNTINGS FOR RURAL MAILBOX	CP	(DEPTH) COLD PLANE
4.2.2	PRECAST 6'-0" ROUND MANHOLE	15.2.0 (NO.)	POST AND MULTIPLE MOUNTINGS FOR RURAL MAILBOXES	CPP	CUT AND PLUG PIPE (ALL TYPES, ALL SIZES)
4.3.0 (SIZE)	PRECAST 4'-0" OR 6'-0" SQUARE MANHOLE OR CATCH BASIN	18.2.0	PRECAST TYPE "A" HANDHOLE	DB	REMOVE AND DISPOSE BITUMINOUS CURB
4.4.0 (DIA.)	PRECAST 4'-0", 5'-0", OR 6'-0" ROUND CATCH BASIN	18.2.2	HEAVY DUTY TYPE "H" HANDHOLE	DC	REMOVE AND DISPOSE CONCRETE CURB
4.5.0	PRECAST CONCRETE DROP INLET	18.3.0	ALUMINUM LIGHTING STANDARDS	DCB	REMOVE AND DISPOSE CATCH BASIN
4.5.1	PRECAST CONCRETE DROP INLET LATERAL OUTLET	20.2.0	BI-DIRECTIONAL CONTROL DEVICE	DDI	REMOVE AND DISPOSE DROP INLET
4.5.2	PRECAST CONCRETE DROP INLET LONGITUDINAL OUTLET	24.6.1	STREET SIGN MOUNTING DETAIL	DF	REMOVE AND DISPOSE FENCE
5.3.0	CATCH BASIN AND MANHOLE STEP	26.2.0	POLYETHYLENE DRUM WITH MARKINGS	DFC	REMOVE AND DISPOSE FRAME AND COVER
5.4.0	CONCRETE COLLARS	26.3.0	PVC PLASTIC PIPE TYPE III BARRICADE	DFE	REMOVE AND DISPOSE FLARED END SECTION
6.1.0	LIGHT-DUTY SQUARE FRAME AND ROUND COVER	31.1.0	CHAIN LINK FENCE 3'-0" TO 4'-0"	DFG	REMOVE AND DISPOSE FRAME AND GRATE
6.1.1	HEAVY DUTY SQUARE FRAME AND ROUND COVER	31.2.0	CHAIN LINK FENCE 5'-0" TO 6'-0"	DFH	REMOVE AND DISPOSE FIRE HYDRANT
6.2.0	LIGHT-DUTY ROUND FRAME AND COVER	31.2.1	CHAIN LINK FENCE 5'-0" TO 6'-0" INTERMEDIATE POST	DFP	REMOVE AND DISPOSE FLEXIBLE PAVEMENT
6.2.1	HEAVY-DUTY ROUND FRAME AND COVER	31.3.0	WOVEN WIRE RIGHT-OF-WAY FENCE (STEEL POST)	DG	REMOVE AND DISPOSE GUARDRAIL
6.3.0	SQUARE FRAME AND GRATE	34.1.0	TYPICAL GUARDRAIL INSTALLATION	DH	REMOVE AND DISPOSE HEADWALL
6.3.1	SQUARE FRAME AND GRATE	34.2.0	STEEL BEAM GUARDRAIL	DHB	REMOVE AND DISPOSE HIGHWAY BOUND
6.3.2	SQUARE FRAME AND GRATE (BICYCLE SAFE)	34.2.1	STEEL BEAM GUARDRAIL DETAILS	DHH	REMOVE AND DISPOSE HANDHOLE
6.3.3	HIGH CAPACITY FRAME AND GRATE	34.2.2	STEEL BEAM GUARDRAIL DOUBLE FACED ASSEMBLY	DL	REMOVE AND DISPOSE LIGHT AND FOUNDATION
6.3.4	HIGH CAPACITY FRAME AND GRATE (BICYCLE SAFE)	34.2.3	STEEL BEAM GUARDRAIL FIXTURES	DMB	REMOVE AND DISPOSE MEDIAN BARRIER
6.4.0	ROUND FRAME AND GRATE	34.2.5	STEEL BEAM GUARDRAIL REFLECTORIZED TRIANGULAR DELINEATOR	DMH	REMOVE AND DISPOSE MANHOLE
7.1.0S	PRECAST CONCRETE CURB (STRAIGHT)	34.3.1	GUARDRAIL END SECTION	DMM	REMOVE AND DISPOSE MEDIAN MARKER
7.1.0C	PRECAST CONCRETE CURB (CIRCULAR)	34.3.2	TERMINAL END SECTION (SINGLE FACE)	DOW	REMOVE AND DISPOSE MEDIAN MARKER
7.1.1	3'-0" PRECAST CONCRETE TRANSITION CURB	34.3.3	ANCHORAGE DETAILS APPROACH END SECTION	DP	REMOVE AND DISPOSE OBSERVATION WELL
7.1.2	6'-0" PRECAST CONCRETE TRANSITION CURB	34.3.4	ANCHORAGE DETAILS TRAILING END SECTION	DPB	REMOVE AND DISPOSE PIPE
7.1.4	PRECAST 2'-0" RADIUS CORNER	34.4.0	STEEL BACKED TIMBER GUARDRAIL	DRB	REMOVE AND DISPOSE PAVEMENT AND RIGID BASE
7.1.5	PRECAST CONCRETE INLET STONE (FOR SQUARE CATCH BASIN)	34.4.1	STEEL BACKED TIMBER GUARDRAIL TERMINAL SECTION-TYPE 1	DS	REMOVE AND DISPOSE SIGN
7.1.6	PRECAST CONCRETE INLET STONE (FOR ROUND CATCH BASIN)	40.1.0	DOUBLE-FACED PRECAST MEDIAN BARRIER	DSS	REMOVE AND DISPOSE TRAFFIC SIGNAL SYSTEM
7.1.7	PRECAST CONCRETE APRON STONE (FOR SQUARE CATCH BASIN)	40.2.0	SINGLE-FACED PRECAST MEDIAN BARRIER	DSW	REMOVE AND DISPOSE SIDEWALK
7.1.8	PRECAST CONCRETE APRON STONE (FOR ROUND CATCH BASIN)	40.2.1	SINGLE-FACED PRECAST MEDIAN BARRIER	DTD	REMOVE AND DISPOSE TELEPHONE DUCT BANKS
7.2.0S	PRECAST CONCRETE SLOPED FACE CURB (STRAIGHT)	40.3.0	PRECAST MEDIAN BARRIER TRANSITION UNIT	DUP	REMOVE AND DISPOSE UTILITY POLE
7.2.0C	PRECAST CONCRETE SLOPED FACE CURB (CIRCULAR)	40.5.0	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL	DWW	REMOVE AND DISPOSE PAVED WATERWAY
7.2.1	PRECAST CONCRETE SLOPED FACE TRANSITION CURB	43.1.0	CEMENT CONCRETE SIDEWALK	FF	FILTER FABRIC RIPRAP FLARED END UNDERLAYMENT
7.2.2	PRECAST CONCRETE TRANSITION CURB (VERTICAL FACE TO SLOPED FACE)	43.2.0	BITUMINOUS CONCRETE SIDEWALK	GET	FLARED GUARDRAIL END TREATMENT
7.3.0S	GRANITE CURB (STRAIGHT)	43.3.0	WHEELCHAIR RAMP	IA	IMPACT ATTENUATOR
7.3.0C	GRANITE CURB (CIRCULAR)	43.3.1	WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS	IDL	IMPERVIOUS DITCH LINER
7.3.1	3'-C" GRANITE TRANSITION CURB	43.4.0	DRIVEWAY DEVELOPMENT FOR 3'-0" TRANSITION CURB	LOD	LIMIT OF DISTURBANCE
7.3.2	6'-C" GRANITE TRANSITION CURB	43.4.1	DRIVEWAY DEVELOPMENT FOR 6'-0" TRANSITION CURB	LOR	LIMIT OF REGRADING
7.3.3	GRANITE WHEELCHAIR RAMP TRANSITION CURB	43.5.0	CEMENT CONCRETE DRIVEWAYS	LS	4" LOAM AND SEED
7.3.4	GRANITE 2'-0" RADIUS CORNER	48.1.0	DETECTABLE WARNING SYSTEM		
7.3.5	GRANITE INLET STONE (FOR SQUARE CATCH BASIN)	51.1.0	TREE PROTECTION DEVICE		
7.3.6	GRANITE INLET STONE (FOR ROUND CATCH BASIN)	51.1.1	DRIP LINE TREE PROTECTION DEVICE FOR EXISTING TREES		
7.3.7	GRANITE APRON STONE (FOR SQUARE CATCH BASIN)	51.2.0	SHRUB PROTECTION DEVICE		
7.3.8	GRANITE APRON STONE (FOR ROUND CATCH BASIN)	51.3.0	TREE WELL		
7.4.0	GRANITE SLOPED FACE CURB	51.4.0	TREE WALL		
7.4.1	GRANITE SLOPED FACE TRANSITION CURB				

7.4.2	GRANITE TRANSITION CURB (VERTICAL FACE TO SLOPE FACE)	AB	ADJUST CATCH BASIN TO GRADE
7.5.0	BITUMINOUS CONCRETE LIP CURB	ABM	ADJUST CATCH BASIN TO MANHOLE
7.5.1A	BITUMINOUS BERM (CONSTRUCTION METHOD A)	AC	ADJUST CURB STOP TO GRADE
7.5.1B	BITUMINOUS BERM (CONSTRUCTION METHOD B)	AD	ADJUST DRAINAGE MANHOLE TO GRADE
7.6.0	CURB SETTING DETAIL	AE	ADJUST ELECTRIC MANHOLE TO GRADE
8.2.0	BITUMINOUS CONCRETE DITCH	AFC	ADJUST FRAME AND COVER TO GRADE
8.3.0	RIP-RAP DITCH	AFG	ADJUST FRAME AND GRATE TO GRADE
8.4.0	PAVED WATERWAY	AG	ADJUST GAS GATE BOX TO GRADE
9.1.0	BALED HAY EROSION CHECK	AHH	ADJUST HANDHOLE TO GRADE
9.2.0	SILT FENCE DETAIL	AS	ADJUST SANITARY SEWER MANHOLE TO GRADE
9.3.0	BALED HAY DITCH EROSION CHECK AND SILT FENCE COMBINED	AT	ADJUST TELEPHONE MANHOLE TO GRADE
9.4.0	BALED HAY DITCH AND SWALE EROSION CHECK	AW	ADJUST WATER GATE BOX TO GRADE
9.5.0	LOG AND HAY CHECK DAM	BCD	BITUMINOUS CONCRETE DRIVEWAY
9.7.0	DEWATERING BASIN	BPS	3" BITUMINOUS CONCRETE TYPE 1-2
9.8.0	BALED HAY CATCH BASIN INLET PROTECTION	CCB	8" GRAVEL BORROW SUBBASE COURSE
9.9.0	CONSTRUCTION ACCESS	CCP	BUILD NEW STRUCTURE OVER EXISTING PIPE
10.1.0	WET STONE MASONRY RETAINING WALL	CCP	CLEAN CATCH BASIN
10.2.0	RUBBLE MASONRY WALL	CCP	CUT AND CAP PIPE WITH RESTRAINT (ALL SIZES)
10.3.0	CONCRETE RETAINING WALL	CG	CLEAN AND FLUSH PIPE
10.4.0	STONE MASONRY STEPS	CMH	CLEARING AND GRUBBING
14.1.0	CONCRETE HIGHWAY BOUND	CP	CLEAN MANHOLE
15.1.0	POST AND MOUNTINGS FOR RURAL MAILBOX	CP	(DEPTH) COLD PLANE
15.2.0 (NO.)	POST AND MULTIPLE MOUNTINGS FOR RURAL MAILBOXES	CPP	CUT AND PLUG PIPE (ALL TYPES, ALL SIZES)
18.2.0	PRECAST TYPE "A" HANDHOLE	DB	REMOVE AND DISPOSE BITUMINOUS CURB
18.2.2	HEAVY DUTY TYPE "H" HANDHOLE	DC	REMOVE AND DISPOSE CONCRETE CURB
18.3.0	ALUMINUM LIGHTING STANDARDS	DCB	REMOVE AND DISPOSE CATCH BASIN
20.2.0	BI-DIRECTIONAL CONTROL DEVICE	DDI	REMOVE AND DISPOSE DROP INLET
24.6.1	STREET SIGN MOUNTING DETAIL	DF	REMOVE AND DISPOSE FENCE
26.2.0	POLYETHYLENE DRUM WITH MARKINGS	DFC	REMOVE AND DISPOSE FRAME AND COVER
26.3.0	PVC PLASTIC PIPE TYPE III BARRICADE	DFE	REMOVE AND DISPOSE FLARED END SECTION
31.1.0	CHAIN LINK FENCE 3'-0" TO 4'-0"	DFG	REMOVE AND DISPOSE FRAME AND GRATE
31.2.0	CHAIN LINK FENCE 5'-0" TO 6'-0"	DFH	REMOVE AND DISPOSE FIRE HYDRANT
31.2.1	CHAIN LINK FENCE 5'-0" TO 6'-0" INTERMEDIATE POST	DFP	REMOVE AND DISPOSE FLEXIBLE PAVEMENT
31.3.0	WOVEN WIRE RIGHT-OF-WAY FENCE (STEEL POST)	DG	REMOVE AND DISPOSE GUARDRAIL
34.1.0	TYPICAL GUARDRAIL INSTALLATION	DH	REMOVE AND DISPOSE HEADWALL
34.2.0	STEEL BEAM GUARDRAIL	DHB	REMOVE AND DISPOSE HIGHWAY BOUND
34.2.1	STEEL BEAM GUARDRAIL DETAILS	DHH	REMOVE AND DISPOSE HANDHOLE
34.2.2	STEEL BEAM GUARDRAIL DOUBLE FACED ASSEMBLY	DL	REMOVE AND DISPOSE LIGHT AND FOUNDATION
34.2.3	STEEL BEAM GUARDRAIL FIXTURES	DMB	REMOVE AND DISPOSE MEDIAN BARRIER
34.2.5	STEEL BEAM GUARDRAIL REFLECTORIZED TRIANGULAR DELINEATOR	DMH	REMOVE AND DISPOSE MANHOLE
34.3.1	GUARDRAIL END SECTION	DMM	REMOVE AND DISPOSE MEDIAN MARKER
34.3.2	TERMINAL END SECTION (SINGLE FACE)	DOW	REMOVE AND DISPOSE OBSERVATION WELL
34.3.3	ANCHORAGE DETAILS APPROACH END SECTION	DP	REMOVE AND DISPOSE PIPE
34.3.4	ANCHORAGE DETAILS TRAILING END SECTION	DPB	REMOVE AND DISPOSE PAVEMENT AND RIGID BASE
34.4.0	STEEL BACKED TIMBER GUARDRAIL	DRB	REMOVE AND DISPOSE RIGID BASE
34.4.1	STEEL BACKED TIMBER GUARDRAIL TERMINAL SECTION-TYPE 1	DS	REMOVE AND DISPOSE SIGN
40.1.0	DOUBLE-FACED PRECAST MEDIAN BARRIER	DSS	REMOVE AND DISPOSE TRAFFIC SIGNAL SYSTEM
40.2.0	SINGLE-FACED PRECAST MEDIAN BARRIER	DSW	REMOVE AND DISPOSE SIDEWALK
40.2.1	SINGLE-FACED PRECAST MEDIAN BARRIER	DTD	REMOVE AND DISPOSE TELEPHONE DUCT BANKS
40.3.0	PRECAST MEDIAN BARRIER TRANSITION UNIT	DUP	REMOVE AND DISPOSE UTILITY POLE
40.5.0	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL	DWW	REMOVE AND DISPOSE PAVED WATERWAY
43.1.0	CEMENT CONCRETE SIDEWALK	FF	FILTER FABRIC RIPRAP FLARED END UNDERLAYMENT
43.2.0	BITUMINOUS CONCRETE SIDEWALK	GET	FLARED GUARDRAIL END TREATMENT
43.3.0	WHEELCHAIR RAMP	IA	IMPACT ATTENUATOR
43.3.1	WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS	IDL	IMPERVIOUS DITCH LINER
43.4.0	DRIVEWAY DEVELOPMENT FOR 3'-0" TRANSITION CURB	LOD	LIMIT OF DISTURBANCE
43.4.1	DRIVEWAY DEVELOPMENT FOR 6'-0" TRANSITION CURB	LOR	LIMIT OF REGRADING
43.5.0	CEMENT CONCRETE DRIVEWAYS	LS	4" LOAM AND SEED
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		

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	THREE BEAM TRANSITION
TBBC	THREE 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

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED MAY 01 2020 FILE # 20-0015
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE



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Phone: (401) 824-3600
MBAKERINTL.COM

REVISIONS		
NO.	DATE	BY

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

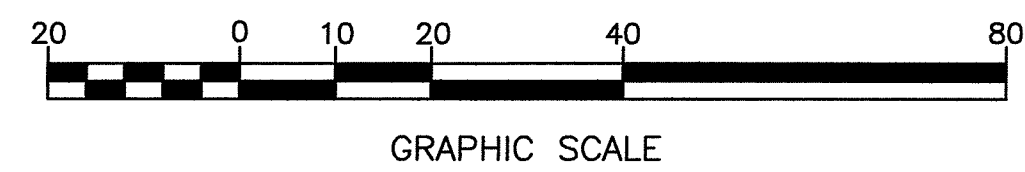
BRIDGE GROUP 18A BRIDGE PRESERVATION

EAST GREENWICH, NORTH KINGSTOWN, NARRAGANSETT RHODE ISLAND

STANDARD PLAN SYMBOLS & STANDARD LEGEND

CHECKED BY YW DATE 08/30/19 SCALE NO SCALE

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.
00	RI	XXXXXX	2020	29



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

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YIHUI WU
 No. 8341
 REGISTERED PROFESSIONAL ENGINEER
 STRUCTURAL
 2/7/20

FEB 11 2020

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 MBAKERINTL.COM

RI DOT RHODE ISLAND DEPARTMENT OF TRANSPORTATION

DESIGNED BY: AAA
 CHECKED BY: ###
 DATE: 11/07/2019
 SHEET: 29
 OF: 76

SCALE: 1"=XX'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY

BRIDGE PRESERVATION
 BRIDGE GROUP 18A
 CONTRACT: ## VOLUME: 1

B-043601

