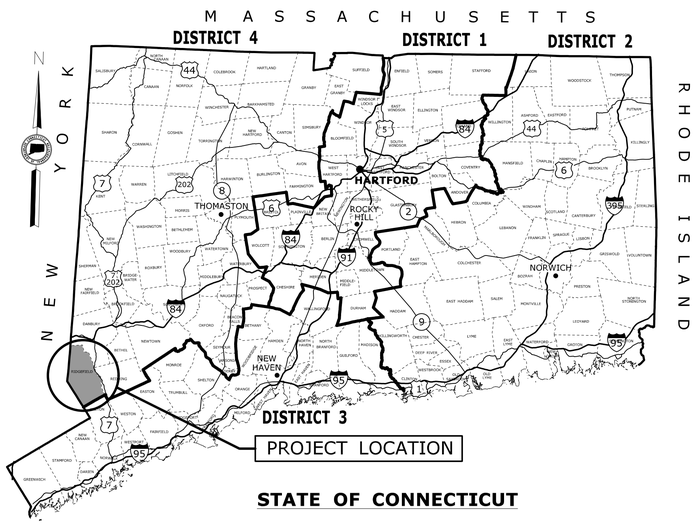
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

REPLACEMENT OF ROUTE 7 OVER NORWALK RIVER BRIDGE NO. 02029

Town of

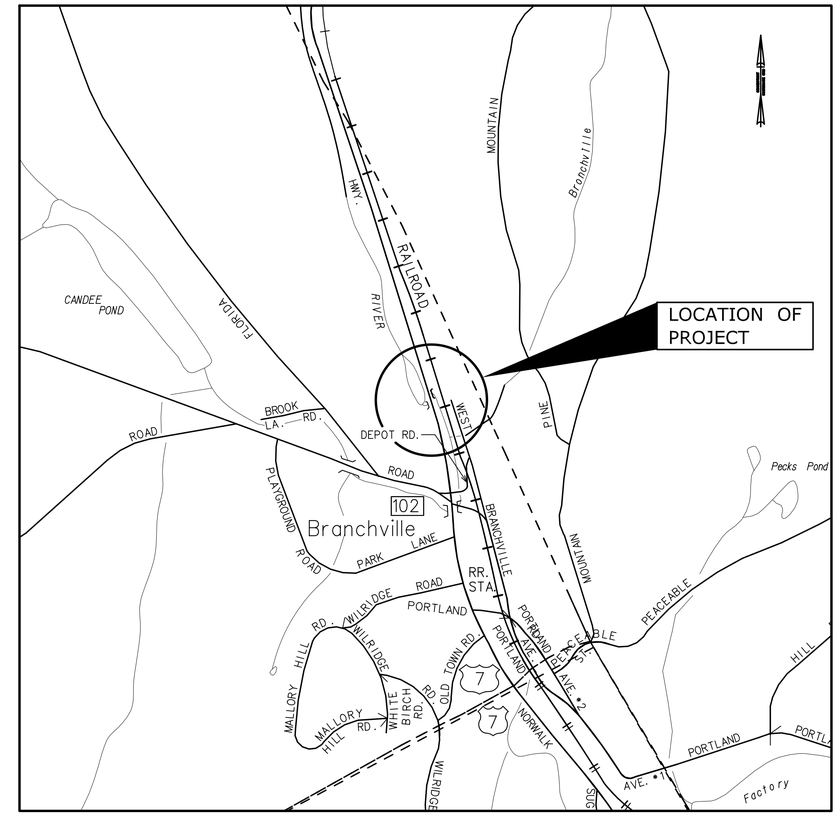
RIDGEFIELD



STATE OF CONNECTICUT

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
Route 7	STATE	320 FEET (STA. 10+50 TO STA. 13+70)

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
0007(149)	STATE	117-157



LOCATION PLAN

NOT TO SCALE

GENERAL NOTES:

1. FEDERAL AID PROJECT NO. 0007(149)
2. F.H.W.A. REGION NO. 1
3. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, dated 2004; Supplemental Specifications, dated July 2014; and Special Provisions
4. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM SYSTEM N.A.D. 1927.
5. VERTICAL DATUM BASED ON NGVD OF 1988.
6. DESIGN SPEED: 40 MPH
7. ROADWAY CLASSIFICATION: RURAL PRINCIPAL ARTERIAL
8. ADT: 16100

DISCLAIMER

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICAL SOURCES WITHIN THE DEPARTMENT.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE DEPARTMENT TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

LIST OF SUBSETS

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	3
02	REVISIONS	2
03	HIGHWAY	22
04	TRAFFIC	8
05	BRIDGE	27
06	HIGHWAY STANDARD DRAWINGS	10
07	TRAFFIC STANDARD DRAWINGS	7

*THE INITIAL SUBSET SHEET COUNT DOES NOT INCLUDE ADDENDUMS AND CHANGE ORDERS

LIST OF DRAWINGS
SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-01
DETAILED ESTIMATE - 1	DET-01
DETAILED ESTIMATE - 2	DET-02

STANDARD CONVENTIONS

North Arrow W/No. Coor.
Edge Of Road
Concrete Pavement
Dirt Road
B.C.L.C.
Granite Curb
Guide Rail
Concrete Median Barrier
Bit. Walk
Conc. Sidewalk
Railroad Tracks
Grid Arrow
Limit Of Marsh
Stone Wall
Ledge Outcrop
Inland Wetland Limits
STATE LINE
Power Line
Swamp
Building
Transmission Tower
Chain Link Fence
Rustic Fence
Pipe Fence
Board Fence
Water Edge
Stream
Ditch
TOWN LINE
Riprap
Hedge Row
Tree Line
Shrub
Evergreen Tree
Deciduous Tree
Retaining Wall
Highway Line
Street Line
Property Line
Lot Line
Easement Line

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

DESIGNED BY:
PARSONS BRINCKERHOFF

STATE OF CONNECTICUT
ANTHONY A. MORETTI
LICENSED PROFESSIONAL ENGINEER

Anthony A Moretti
PB Americas, Inc.
2014.12.10
16:43:04 -05'00'

Plans For

REPLACEMENT OF
ROUTE 7 OVER NORWALK RIVER
BRIDGE NO. 02029

Town

RIDGEFIELD

STATE PROJECT NO.
117-157

DRAWING NO.
G-01

SHEET NO.
01.01

Connecticut Department of Transportation
QA/QC Format Check

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DETAILED ESTIMATE SHEET

FOR THE CONSTRUCTION OF REPLACEMENT OF ROUTE 7 OVER NORWALK RIVER (BRIDGE NO. 2029) IN THE TOWNS OF RIDGEFIELD

FROM STA. 10 + 50 TO STA. 13 + 70 LENGTH: 320.000 FT BASE COURSE: NA WIDTH: - FT DEPTH: - IN SURFACE COURSE: NA WIDTH: - FT - IN

		0201001	0202000	0202501	0202502	0202522		0202529	0204151A	0207000	0209001	0212000		0213100	0219001	0406170	0408171	0406236		0601032A	0703011A	0755010	0822001	0822002		0910170	0910174	0911923	0911924	0912503		0912602	0922500	0925201	0944000	0950019A		0969062A	0970007A	0971001A	0975004	0976002
ITEM	ROADWAY	CLEARING AND GRUBBING	EARTH EXCAVATION	CUT CONCRETE PAVEMENT	REMOVAL OF CONCRETE PAVEMENT	REMOVAL OF BITUMINOUS TYPE PAVEMENT		CUT BITUMINOUS CONCRETE PAVEMENT	HANDLING WATER	BORROW	FORMATION OF SUBGRADE	SUBBASE		GRANULAR FILL	SEDIMENTATION CONTROL SYSTEM	HMA S1	HMA S0.5	MATERIAL FOR TACK COAT		ROADWAY PARAPET WALL	INTERMEDIATE RIPRAP	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	TEMPORARY PRECAST CONCRETE BARRIER CURB	RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB		METAL BEAM RAIL (TYPE R-B 350)	R-B 350 BRIDGE ATTACHMENT JERSEY SHAPED PARAPET	R-B 350 END ANCHORAGE TYPE I	RB END ANCHORAGE - TYPE II	REMOVE METAL BEAM RAIL		RESET METAL BEAM RAIL	BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL)	PAVEMENT FOR RAILING	FURNISHING AND PLACING TOPSOIL	TURF ESTABLISHMENT - LAWN		CONSTRUCTION FIELD OFFICE, MEDIUM	TRAFFICPERSON (UNIFORMED FLAGGER)	MAINTENANCE AND PROTECTION OF TRAFFIC	MOBILIZATION AND PROJECT CLOSEOUT	BARRICADE WARNING LIGHTS - HIGH INTENSITY
UNIT		LS	CY	LF	SY	SY		LF	LS	CY	SY	CY		CY	LF	TON	TON	GAL		LF	CY	SY	LF	LF		LF	EA	EA	EA	LF		LF	SY	SY	SY	SY		MO	HR	LS	LS	DAY
U.S. ROUTE 7		LS	500	64	1,050	1,115		140	LS	60	750	300		145	550	270	200	80		45	427	830	240	420		465	3	1	1	1,595		900	120	246	270	270		6	240	LS	LS	1,325
SUBTOTAL		LS	500	64	1,050	1,115		140	LS	60	750	300		145	550	270	200	80		45	427	830	240	420		465	3	1	1	1,596		900	120	246	270	270		6	240	LS	LS	1,325
UNASSIGNED																																										
TOTAL		LS	500	64	1,050	1,115		140	LS	60	750	300		145	550	270	200	80		45	427	830	240	420		465	3	1	1	1,596		900	120	246	270	270		6	240	LS	LS	1,325

		0978002	0979003A	0980001A	1131001A	1205207		1208023A	1208906	1208928	1209114	1209124		1210101A	1210102A	1211001	1220013A	1807011		1807012	1807013	1807014
ITEM	ROADWAY	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	CONSTRUCTION STAKING	CHANGEABLE MESSAGE SIGN	TYPE DE-7 DELINEATOR		REMOVAL AND RELOCATION OF EXISTING SIGNS	SIGN FACE SHEET ALUMINUM - BRIGHT WIDE ANGLE RETRO-REFLECTIVE SHEETING	SIGN FACE SHEET ALUMINUM (TYPE III REFLECTIVE SHEETING)	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE		4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	REMOVAL OF PAVEMENT MARKINGS	CONSTRUCTION SIGNS - BRIGHT FLUORESCENT SHEETING	TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 400 LB		TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 700 LB	TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 1400 LB	TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 2700 LB
UNIT		EA	EA	LS	DAY	EA		LS	SF	SF	LF	LF		LF	LF	SF	SF	EA		EA	EA	EA
U.S. ROUTE 7		25	11	LS	130	20		LS	27	44	1,200	1,200		600	600	800	750	1		3	4	2
SUBTOTAL		25	11	LS	130	20		LS	27	44	1,200	1,200		600	600	800	750	1		3	4	2
UNNASSIGNED																						
TOTAL		25	11	LS	130	20		LS	27	44	1,200	1,200		600	600	800	750	1		3	4	2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 12/10/2014

DESIGNER/DRAFTER: ECC
CHECKED BY: SDG
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0117_0157_DET-01.dgn

SIGNATURE/BLOCK:
PARSONS BRINCKERHOFF
500 WINDING BROOK DR.
GLASTONBURY, CT 06033

PROJECT TITLE:
REPLACEMENT OF ROUTE 7 OVER NORWALK RIVER (BRIDGE NO. 02029)

TOWN: RIDGEFIELD

DRAWING TITLE: DETAILED ESTIMATE - 1

PROJECT NO. 117-157
DRAWING NO. DET-01
SHEET NO. 01.02

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DETAILED ESTIMATE SHEET

FOR THE CONSTRUCTION OF REPLACEMENT OF ROUTE 7 OVER NORWALK RIVER (BRIDGE NO. 2029) IN THE TOWNS OF RIDGEFIELD

FROM STA. 10 + 50 TO STA. 13 + 70 LENGTH: 320.000 FT BASE COURSE: NA WIDTH: - FT DEPTH: - IN SURFACE COURSE: NA WIDTH: - FT - IN

		0203000	0216000	0406171	0406173	0503001A		0514270A	0601016A	0601201	0601276A	0602006		0702101	0702111	0702120	0702980	0702797		0707009A	0708001	0714050A	0822005A	0822006A		0904467	0974001A
ITEM	STRUCTURES	STRUCTURE EXCAVATION - EARTH (COMPLETE)	PERVIOUS STRUCTURE BACKFILL	HMA S0.5	HMA S0.25	REMOVAL OF SUPERSTRUCTURE		PRECAST PRECOMPRESSED CONCRETE/STEEL COMPOSITE SUPERSTRUCTURE	PRECAST APPROACH SLAB	CLASS "F" CONCRETE	PRECAST SUBSTRUCTURE ELEMENTS	DEFORMED STEEL BARS - EPOXY COATED		FURNISHING STEEL PILES	DRIVING STEEL PILES	POINT REINFORCEMENT FOR STEEL PILES	TEST PILE (STEEL HP 12 X 74 - 52' LONG)	DYNAMIC PILE DRIVING ANALYSIS (P.D.A) TEST		MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC)	DAMPPROOFING	TEMPORARY EARTH RETAINING SYSTEM	TEMPORARY PRECAST CONCRETE BARRIER CURB (STRUCTURE)	RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB (STRUCTURE)		METAL BRIDGE RAIL (HANDRAIL)	REMOVAL OF EXISTING MASONRY
UNIT		CY	CY	TON	TON	LS		SF	SY	CY	CY	LB		LB	LF	EA	EA	EA		SY	SY	SF	LF	LF		LF	CY
BRIDGE NO. 02029		1,345	150	60	26	LS		2,275	115	40	58	2,600		54,100	730	16	1	1		365	110	880	160	80		200	120
SUBTOTAL		1,345	150	60	26	LS		2,275	115	40	58	2,600		54,100	730	16	1	1		365	110	880	160	80		200	120
UNASSIGNED																											
TOTAL		1,345	150	60	26	LS		2,275	115	40	58	2,600		54,100	730	16	1	1		365	110	880	160	80		200	120

ITEM	STRUCTURES
UNIT	
SUBTOTAL	
UNNASSIGNED	
TOTAL	

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Filename: ...\HW_MSH_0117_0157_DET-02.dgn

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PARSONS BRINCKERHOFF
500 WINDING BROOK DR.
GLASTONBURY, CT 06033

PROJECT TITLE:
REPLACEMENT OF ROUTE 7 OVER NORWALK RIVER (BRIDGE NO. 02029)

TOWN: RIDGEFIELD

DRAWING TITLE: DETAILED ESTIMATE - 2

PROJECT NO. 117-157
DRAWING NO. DET-02
SHEET NO. 01.03