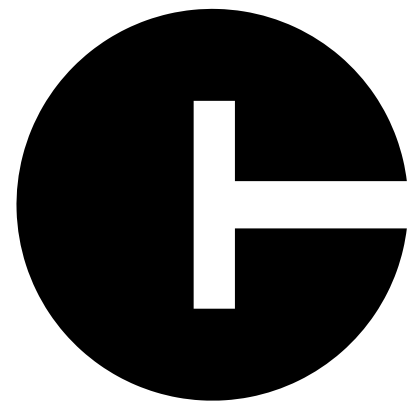




CONNECTICUT DEPARTMENT OF TRANSPORTATION

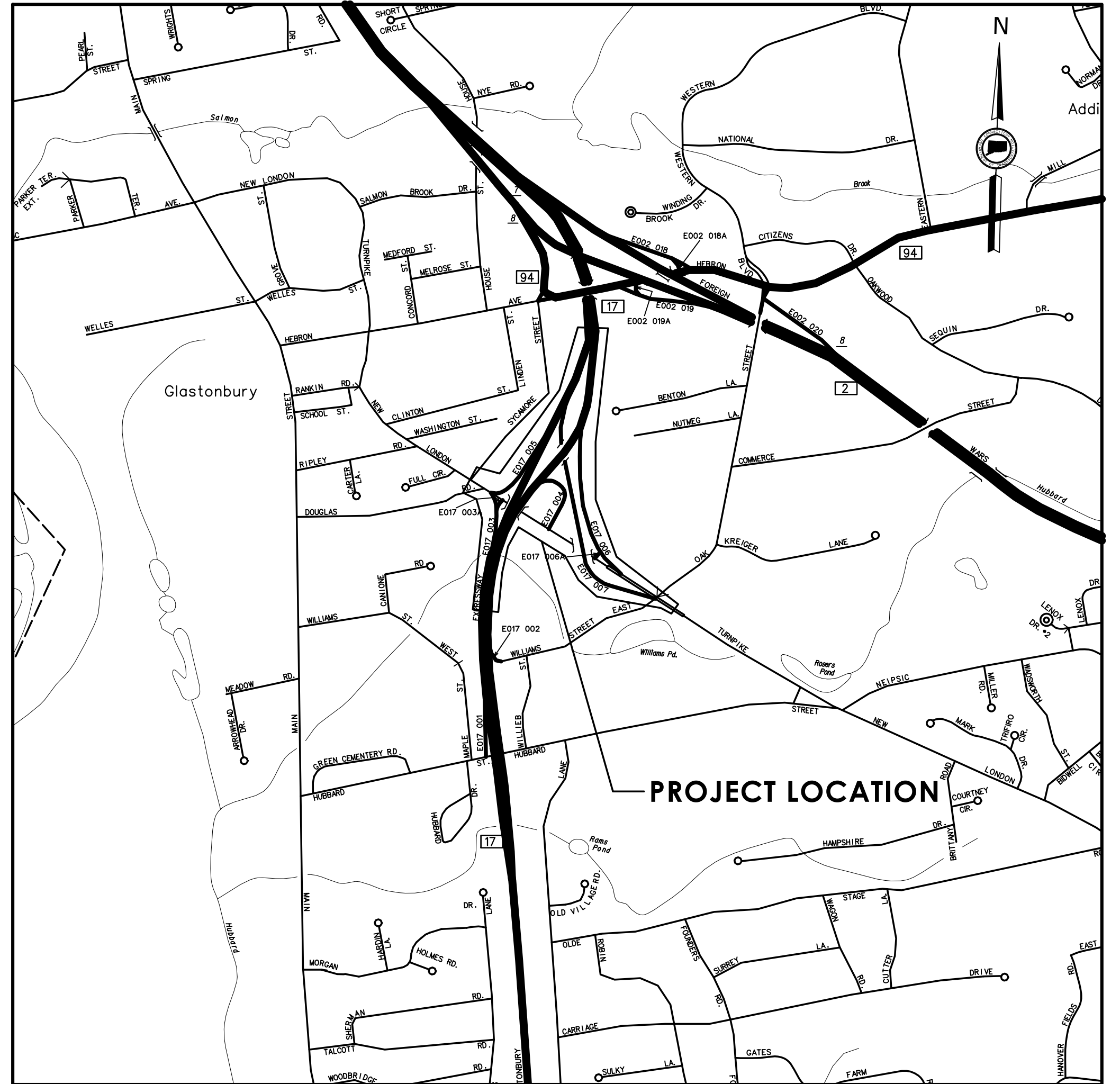


Plans For REMOVAL OF BR. NOS. 00388 & 00389, DECK REPLACEMENT ON BR. NO. 00870, AND MODIFICATIONS TO ROUTE 17 & NEW LONDON TURNPIKE

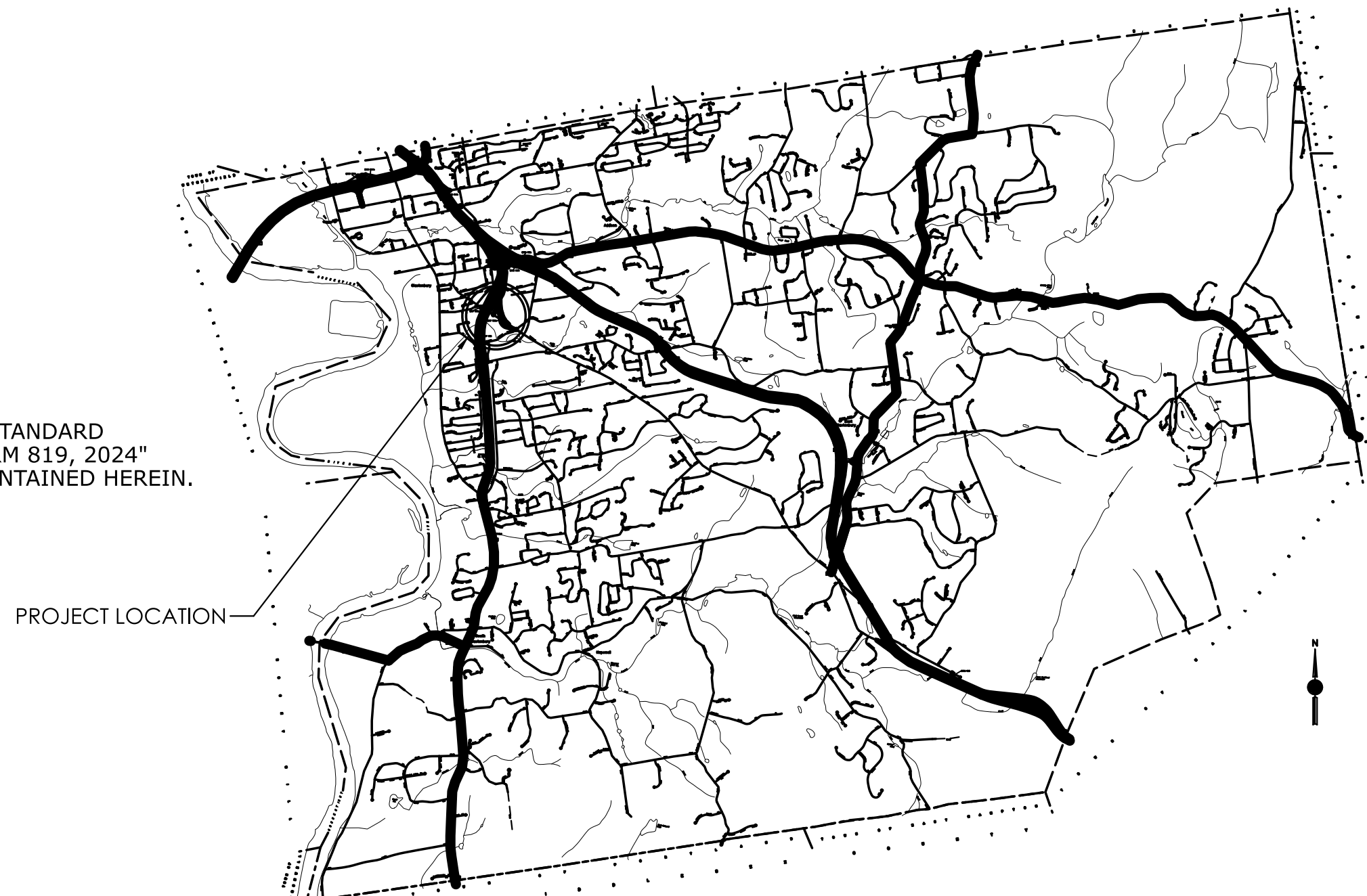
Town of GLASTONBURY

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
NEW LONDON TURNPIKE	TOWN	2,590 FEET
ROUTE 17 NB	STATE	5,650 FEET
ROUTE 17 SB	STATE	2,155 FEET
ROUTE 17 RAMP 007 (SB OFF) (TO BE REMOVED)	STATE	2,175 FEET
ROUTE 17 RAMP 005 (SB OFF)	STATE	570 FEET
ROUTE 17 RAMP 003 (SB ON)	STATE	340 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
0017(125)	STATE	0053-0189



LOCATION PLAN
NOT TO SCALE



TOWN OF GLASTONBURY
SCALE: 1" = 6000'

NEW LONDON TURNPIKE DESIGN CRITERIA
DESIGN STANDARD: CTDOT HIGHWAY
DESIGN MANUAL, 2003 (REV. JUNE 2020)
FUNCTIONAL CLASSIFICATION: MAJOR URBAN COLLECTOR
DESIGN SPEED: 35 MPH
AADT (2021) 9,300

US ROUTE 17 AND RAMPS DESIGN CRITERIA
DESIGN STANDARD: CTDOT HIGHWAY
DESIGN MANUAL, 2003 (REV. JANUARY 2023)
FUNCTIONAL CLASSIFICATION: URBAN
PRINCIPAL ARTERIAL - OTHER
EXPRESSWAY (URBAN FREEWAY)
DESIGN SPEED: 60 MPH (MAINLINE)
30 MPH (RAMPS)
AADT (2021) 8,000 (ROUTE 17 NB)
AADT (2021) 4,600 (ROUTE 17 SB)
AADT (2021) 900 (SB OFF-RAMP 005)
AADT (2021) 3,200 (SB ON-RAMP 003)
AADT (2021) 2,800 (NB OFF-RAMP 004)
AADT (2021) 3,000 (SB OFF-RAMP 007)

LIST OF DRAWINGS SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-01
GENERAL NOTES AND ABBREVIATIONS	GNN-01
DETAILED ESTIMATE SHEET	DES-01
DETAILED ESTIMATE SHEET	DES-02
DETAILED ESTIMATE SHEET	DES-03
DETAILED ESTIMATE SHEET	DES-04

STANDARD EXISTING SURVEY CONVENTIONS	
Chain Link Fence	Riprap
Rustic Fence	Hedge Row
Pipe Fence	Tree Line
Board Fence	Leaky Overfence
Retaining Wall	Stone Wall
Edge of Road	Shrub
Concrete Pavement	Evergreen Tree
Dirt Road	Deciduous Tree
B&C Conc. Curb	Transmission Tower
Granite Curb	Building
Guide Rail	
Concrete Median Barrier	
B&C Walk	
Conc. Sidewalk	
Edge of Water	
Ditch	
State/Federal Wetland Limits	
Ordinary High Water	
OHW	
Swamp	

GENERAL NOTES:

- FEDERAL AID PROJECT NO. 0017(125)
- CONSTRUCTION SPECIFICATIONS:
THE DOCUMENT ENTITLED "STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 819, 2024" IS HEREBY MADE PART OF THIS CONTRACT, AS MODIFIED BY THE SPECIAL PROVISIONS CONTAINED HEREIN.
- 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D. 1983/2011
- VERTICAL DATUM BASED ON N.A.V.D. 1988
- Surveyed By: CTDOT DISTRICT 1 SURVEYS, APRIL 2017 AND SUPPLEMENTED
- FIELD BOOKS: 170-3384 GLASTONBURY
- AERIAL IMAGES SHOWN ON THE PLANS WERE OBTAINED FROM THE FOLLOWING SOURCE: CONNECTICUT ENVIRONMENTAL CONDITIONS ONLINE 2016 ORTHOPHOTOGRAPHY AND LIDAR DOWNLOAD. HORIZONTAL DATUM MATCHES THE SURVEY FILE.

DISCLAIMER:

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICIAL 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 UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

LIST OF SUBSETS

*THE INITIAL SUBSET SHEET COUNT DOES NOT INCLUDE ADDENDUM AND CHANGE ORDERS		
SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	06
02	REVISIONS	01
03	HIGHWAY	117
04	STRUCTURES	21
05	TRAFFIC	54
06	ILLUMINATION	06
07	LANDSCAPING	10
08	ENVIRONMENTAL	09
09	FOR INFORMATION ONLY - AS BUILTS	29
10	FOR INFORMATION ONLY - UTILITIES	12
	CTDOT HIGHWAY STANDARD DRAWINGS	44
	CTDOT TRAFFIC STANDARD DRAWINGS	20

Plans For
REMOVAL OF BR. NOS. 00388 & 00389,
DECK REPLACEMENT ON BR. NO. 00870, AND
MODIFICATIONS TO ROUTE 17 & NEW LONDON
TURNPIKE
Town of
GLASTONBURY

STATE PROJECT NO.

0053-0189

DRAWING NO.
G-01
SHEET NO.
01.01

1. THE PROPERTY AND STREET LINES DEPICTED HAVE BEEN COMPILED FROM VARIOUS SOURCES AND ARE NOT TO BE CONSTRUED AS NECESSARILY BEING OBTAINED AS THE RESULT OF A FIELD SURVEY, NOR DO THEY REPRESENT A PROPERTY BOUNDARY OPINION.
2. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, LIMITED FIELD LOCATIONS AND OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE. THE EXISTENCE OF WHICH ARE UNKNOWN. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 1-800-922-4455.
3. WSP USA ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY CTDOT.
4. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR, PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY FOR DETERMINATION.
5. SEDIMENT AND EROSION CONTROL MEASURES, AS DEPICTED ON THESE PLANS, SHALL BE IMPLEMENTED PRIOR TO CONSTRUCTION AND MAINTAINED UNTIL PERMANENT COVER STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL", AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.
6. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH APPROPRIATE UTILITY COMPANIES REGARDING RESETTling OF THEIR FACILITIES BY UTILITY COMPANIES AND SCHEDULING OF SUCH WORK.
7. ANY MAINTENANCE OR REFUELING OF EQUIPMENT AND VEHICLES SHALL BE PERFORMED A MINIMUM OF 50' FROM WETLANDS OR WATERCOURSES. OIL, GASOLINE, AND CHEMICALS NEEDED AT THE SITE SHALL BE STORED IN A SECONDARY CONTAINER AT LEAST 50' FROM WETLANDS OR WATERCOURSES TO PREVENT CONTAMINATION FROM POSSIBLE LEAKS. CONTRACTOR SHALL HAVE A SPILL KIT ON SITE AT ALL TIMES.
8. THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
9. ALL SLOPES AND DISTURBED AREAS ARE TO BE STABILIZED WITH 4" TOPSOIL AND SEEDING MUST BE ESTABLISHED AS SHOWN ON THE SEEDING PLANS.
10. DRIVEWAY PAVING LIMITS SHALL MATCH EXISTING CONDITIONS. DRIVEWAYS SHALL BE SAWCUT NEAT AND NON-TRACKING ASPHALT TACK COAT SHALL BE APPLIED PRIOR TO PAVING.
11. WATER FOR DUST CONTROL SHALL BE USED. OTHER MEANS WILL REQUIRE TOWN APPROVAL PRIOR TO USE.
12. THE RELOCATION OF MAILBOXES IS PAID FOR UNDER THE ITEM "CLEARING AND GRUBBING" AND THEY SHALL BE RELOCATED THE SAME DAY AS THEY ARE REMOVED, AS NOT TO DISRUPT POSTAL SERVICE. THE MAILBOXES SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION AND MAY NEED TO BE RELOCATED MORE THAN ONCE. THE CONTRACTOR SHALL NOTE THAT ALL PRIVATE AND COMMERCIAL MAIL BOXES, SIGNS, ETC. ARE TO BE RELOCATED USING EXISTING SUPPORTS. WHERE EXISTING SUPPORTS ARE NOT SUITABLE FOR RELOCATION, THE CONTRACTOR SHALL PROVIDE A SIMILAR APPLICATION (PAID FOR UNDER "CLEARING AND GRUBBING"). THE RELOCATION OF EXISTING ROADWAY SIGNS IS PAID FOR UNDER THE ITEM "REMOVAL AND RELOCATION OF EXISTING SIGNS". RELOCATION OF COMMERCIAL SIGNS IS THE RESPONSIBILITY OF THE PROPERTY OWNER AND SHALL BE COMPLETED PRIOR TO PROJECT CONSTRUCTION.
13. THE CONTRACTOR SHALL RESET ANY DISTURBED MONUMENTS IDENTIFIED ON THE PLANS TO THE PROPER ELEVATION AND LOCATION AT THEIR OWN EXPENSE. (THE ENGINEER AND THE TOWN MUST BE NOTIFIED BEFORE THIS IS DONE.)
14. STORAGE OF MATERIALS THAT COULD BE INJURIOUS TO HUMAN HEALTH OR THE ENVIRONMENT IN THE EVENT OF FLOODING IS PROHIBITED BELOW THE ELEVATION OF THE 500 YEAR FLOOD (EL. 32.0 NAVD88). OTHER MATERIAL OR EQUIPMENT MAY BE STORED BELOW THE 500 YEAR FLOOD ELEVATION PROVIDED THAT SUCH MATERIAL OR EQUIPMENT IS NOT SUBJECT TO MAJOR DAMAGE BY FLOODS, AND PROVIDED THAT SUCH MATERIAL OR EQUIPMENT IS FIRMLY ANCHORED, RESTRAINED OR ENCLOSED TO PREVENT IT FROM FLOATING AWAY OR THAT SUCH MATERIAL OR EQUIPMENT CAN BE REMOVED PRIOR TO FLOODING.
15. REMOVAL OF BITUMINOUS CONCRETE PAVEMENT AND CURBING SHALL BE PAID FOR UNDER "EARTH EXCAVATION".
16. CONTRACTOR SHALL PLUG ALL EXISTING PIPES WHERE CURRENT SYSTEM IS TO BE ABANDONED IN-PLACE UNLESS OTHERWISE NOTED ON THE PLANS. THIS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE GENERAL COST OF THE WORK.
17. NO SEPARATE PAYMENT FOR PROTECTION OF TREES/SHRUBS, UTILITY POLES TO REMAIN, HYDRANTS TO REMAIN, AND MONUMENTS.

AADT	ANNUAL AVERAGE DAILY TRAFFIC
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ACCOMP	ASPHALT COATED CORRUGATED METAL PIPE
ADD'L	ADDITIONAL
AOBE	AS ORDERED BY ENGINEER
APPROX	APPROXIMATE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AVE	AVENUE
BCPC	BITUMINOUS CONCRETE PARK CURBING
BCLC	BITUMINOUS CONCRETE LIP CURBING
BL (B)	BASELINE
BT	BOTTOM
C	CUT SLOPE
CB	CATCH BASIN
CCMP	COATED CORRUGATED METAL PIPE
CCTV	CLOSED CIRCUIT TELEVISION
CF	CUBIC FOOT
CHD	CONNECTICUT HIGHWAY DEPARTMENT
CL (C)	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONN	CONNECTICUT
CPP	CORRUGATED PLASTIC PIPE
CT	CONNECTICUT
CTDEEP	CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
TDOT	CONNECTICUT DEPARTMENT OF TRANSPORTATION
CY	CUBIC YARD
Δ	DELTA
DBL	DOUBLE
DELIN	DELINEATOR
DH	DRILL HOLE
DIA	DIAMETER
E	EAST
EA	EACH
EB	EASTBOUND
EL	ELEVATION
ELEC	ELECTRIC
ELEV	ELEVATION
EO	EXISTING OUTFALL
EOR	EDGE OF ROAD
E.WALL	ENDWALL
EX	EXISTING
F	FILL SLOPE
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY
FL	FLOW LINE
FND	FOUND
GP	GENERAL PERMIT
GRAN	GRANITE
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
H.P.	HIGH POINT
HWY	HIGHWAY
HYD	HYDRANT
IMS	INCIDENT MANAGEMENT SYSTEM
INV	INVERT
L	LENGTH
LBS	POUNDS
LF	LINEAR FEET
LOC	LOCATION
L.P.	LOW POINT
LT	LEFT
MAX	MAXIMUM
MBR	METAL BEAM RAIL
MCE	METAL CULVERT END
MDC	METROPOLITAN DISTRICT COMMISSION
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS

MON	MONUMENT
MPT (MP&T)	MAINTENANCE AND PROTECTION OF TRAFFIC
MUTCD	MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
MVC	MINIMUM VERTICAL CLEARANCE
N	NORTH
NB	NORTHBOUND
NE	NORTHEAST
N/F	NOT FOUND
N/F	NOW OR FORMERLY
NO.	NUMBER
NTS	NOT TO SCALE
NW	NORTHWEST
OVHD	OVERHEAD
PAG	POINT OF APPLICATION OF GRADE
PC	POINT OF CURVATURE
PCCB	PRECAST CONCRETE BARRIER CURB
PCC	POINT OF COMPOUND CURVATURE
PI	POINT OF INTERSECTION
PRC	POINT OF REVERSE CURVATURE
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVTC	POINT OF VERTICAL REVERSE CURVATURE
PVT	POINT OF VERTICAL TANGENCY
POB	POINT OF BEGINNING
POC	POINT ON CURVATURE
POE	POINT OF ENDING
POT	POINT ON TANGENT
PVC	POLYVINYL CHLORIDE
Q ₁₀	10-YEAR FLOW
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT OF WAY
RT	RIGHT
RTE	ROUTE
S	SOUTH
SAN	SANITARY
SB	SOUTHBOUND
SCS	SEDIMENTATION CONTROL SYSTEM
SE	SOUTHEAST
SEC	SEDIMENTATION AND EROSION CONTROLS
SF	SQUARE FOOT
SHLDR (SHDR)	SHOULDER
SHT	SHEET
SOC	STATE OF CONNECTICUT
SR	STATE ROUTE
SSD	STOPPING SIGHT DISTANCE
ST	STREET
SY	SQUARE YARD
STA	STATION
SW	SOUTHWEST
T	TANGENT
TEL	TELEPHONE
TERS	TEMPORARY EARTH RETAINING SYSTEM
TF	TOP OF FRAME
TPKE	TURNPIKE
TRWY	TRAVELWAY
TYP	TYPICAL
U/G	UNDERGROUND
V	10-YEAR VELOCITY
VERT	VERTICAL
W	WEST
W/	WITH
W/O	WITHOUT
WB	WESTBOUND
WG	WATER GATE
YR	YEAR
ZOI	ZONE OF INTRUSION

[illegible]

SIGNATURE BLOCK:   WSP USA, INC. 500 WINDING BROOK DR GLASTONBURY, CT 06033 DESIGNER/DRAFTER: CAC/JLD CHECKED BY: SDG		 CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: REMOVAL OF BR. NOS. 00388 & 00389, DECK REPLACEMENT ON BR. NO. 00870, AND MODIFICATIONS TO ROUTE 17 & NEW LONDON TURNPIKE	TOWN(S): GLASTONBURY	DRAWING TITLE: GENERAL NOTES AND ABBREVIATIONS	PROJECT NO.: 0053-0189	DRAWING NO.: GNN-01 SHEET NO.: 01.02
--	--	--	--	--------------------------------	---	----------------------------------	---

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	REMOVAL OF BR. NOS. 00388 & 00389, DECK REPLACEMENT ON BR. NO. 00870, AND MODIFICATIONS TO ROUTE 17 & NEW LONDON TURNPIKE								IN THE TOWNS OF GLASTONBURY											
FROM STA.	-	TO STA.	-	LENGTH:	-	ft.	BASE COURSE:	NA	WIDTH:	-	FT	DEPTH:	-	IN	SURFACE COURSE:	NA	WIDTH:	-	FT	-	IN

[illegible][illegible][illegible]

SIGNATURE BLOCK:		 WSP USA INC 500 WINDING BROOK DR GLASTONBURY, CT 06033		 CONNECTICUT DEPARTMENT OF TRANSPORTATION		PROJECT TITLE: REMOVAL OF BR. NOS. 00388 & 00389, DECK REPLACEMENT ON BR. NO. 00870, AND MODIFICATIONS TO ROUTE 17 & NEW LONDON TURNPIKE		TOWN(S): GLASTONBURY		DRAWING TITLE: DETAILED ESTIMATE SHEET		PROJECT NO.: 0053-0189		DRAWING NO.: DES-01	
DESIGNER/DRAFTER: JLW/JLD		CHECKED BY: CAC										SHEET NO.: 01.03			

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

[illegible][illegible]

ITEM	STRUCTURE ITEMS																																																	
	UNIT	CF	LS	LS	CY	CY		CY	CY	LF	LF	CY		CY	TON	LF	SY	LS		LS	EA	CY	LF	CF	CY	LF	EA		SF	LF	LB	SY	LF		TON	SF	LS	EA	CWT		LS	EA	EA	SY						
					14	3		821	41	190	55	141		1,007								12								11		15,474								34										
PROJECT-WIDE																																																		
BRIDGE NO 00388		100															LS																																	
BRIDGE NO 00389		100																		LS																														
BRIDGE NO 00870		100	LS	LS	40										30	120	501				24		1,824	13		28	63	175	5,940	24				4	53,728	1	40		2	120	LS	8	33		LS	24	96	609		
SUBTOTAL		300	LS	LS	54	3		821	41	190	55	141		1,007	30	120	501	LS		LS	24	12	1,824	13		28	63	175	5,940	24				4	69,202	1	40		2	199	LS	8	33		LS	24	100	609		
UNASSIGNED		0	LS	LS	6	2		49	4	0	5	9		53	10	10	19	LS		LS	0	1	96	2		2	7	10	60	0				1	1	798	1	0		0	11	LS	0	2		LS	0	0	31	
TOTAL		300	LS	LS	60	5		870	45	190	60	150		1,060	40	130	520	LS		LS	24	13	1,920	15		30	70	185	6,000	24				5	70,000	2	40		2	210	LS	8	35		LS	24	100	640		

[illegible]

SIGNATURE BLOCK:		  WSP USA INC 500 WINDING BROOK DR GLASTONBURY, CT 06033		 CONNECTICUT DEPARTMENT OF TRANSPORTATION		PROJECT TITLE: REMOVAL OF BR. NOS. 00388 & 00389, DECK REPLACEMENT ON BR. NO. 00870, AND MODIFICATIONS TO ROUTE 17 & NEW LONDON TURNPIKE		TOWN(S): GLASTONBURY		DRAWING TITLE: DETAILED ESTIMATE SHEET		PROJECT NO.: 0053-0189		DRAWING NO.: DES-02	
DESIGNER/DRAFTER: JLW/JLD		CHECKED BY: CAC										SHEET NO.: 01.04			

[illegible]

SIGNATURE BLOCK:		WSP USA INC 500 GLINDING BROOK DR GLASTONBURY, CT 06033		CONNECTICUT DEPARTMENT OF TRANSPORTATION		PROJECT TITLE: REMOVAL OF BR. NOS. 00388 & 00389, DECK REPLACEMENT ON BR. NO. 00870, AND MODIFICATIONS TO ROUTE 17 & NEW LONDON TURNPIKE		TOWN(S): GLASTONBURY		DRAWING TITLE: DETAILED ESTIMATE SHEET		PROJECT NO.: 0053-0189		DRAWING NO.: DES-03	
DESIGNER/DRAFTER: JLW/JLD		CHECKED BY: CAC										SHEET NO.: 01.05			

LASTED SAVED BY: Wozniak FILE NAME: C:\Users\wozniak\State of Connecticut\0053-0189 - Design\Highways\Contract_Plans\01-General\HW_CP_0053-0189_DES-03.dgn
PLOTTED DATE: 3/6/2025

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

REMOVAL OF BR. NOS. 00388 & 00389, DECK REPLACEMENT ON BR. NO. 00870, AND MODIFICATIONS TO ROUTE 17 & NEW LONDON TURNPIKE

IN THE TOWNS OF

GLASTONBURY

FROM STA. -

TO STA. -

LENGTH: - ft.

BASE COURSE: NA

WIDTH: - FT

DEPTH: - IN

SURFACE COURSE: NA

WIDTH: - FT - IN

ITEM		UNIT		PROJECT-WIDE		SUBTOTAL		UNASSIGNED		TOTAL	
LANDSCAPING ITEMS											
BETULA LBYA SWEET BIRCH 3'-4' HT. B.B.		EA		50		50	0	50		50	
SPIRAEA NIPONICA SPIRAEA (HYBRID VARIETY) 2'-3' HT. B.B.		EA		12		12	0	12		12	
LIGULS AMERICANA PRINCE OF WALESS 2'-3' CAL. B.B.		EA		3		3	0	3		3	
VIBURNUM DEBILITATUM ARROWWOOD VIBURNUM 3'-4' HT. B.B.		EA		53		53	0	53		53	
ACER FREEMANI FREEMAN MAPLE 2 1/2'-3' CAL. B.B.		EA		7		7	0	7		7	
PANICUM VIRGATUM, SWITCHGRASS - #1 CONTAINER		EA		41		41	0	41		41	
JUNIPERUS VIRGINIANA EASTERN REDCEDAR 3'-5' HT. B.B.		EA		32		32	0	32		32	
DECIDUOUS TREE 2"-2 1/2" CAL. B.B.		EA		10		10	0	10		10	
DECIDUOUS TREE 2 1/2"-3" CAL. B.B.		EA		3		3	0	3		3	
AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY 4'-5' HT. B.B.		EA		93		93	0	93		93	
NYSSA SYLVATICA, BLACK HOPLOE 2 1/2"-3" CAL. B.B.		EA		5		5	0	5		5	
CELTIS OCCIDENTALIS COMMON HACKBERRY 2 1/2"-3" CAL. B.B.		EA		5		5	0	5		5	
ACER RUBRUM RED MAPLE 3'-4' HT. WHIPS B.B.		EA		35		35	0	35		35	
ACER RUBRUM RED MAPLE 2"-2 1/2" CAL. B.B.		EA		9		9	0	9		9	
ARONIA MELANOCARPA, BLACK CHOKBERRY 24"-36" HT. B.B.		EA		60		60	0	60		60	
LIQUIDAMBAR STYRACIFLUA, AMERICAN SWEET GUM 2 1/2"-3" CAL. B.B.		EA		12		12	0	12		12	
ILEX GLABRA, INGBERRY 24"-36" HT. B.B.		EA		27		27	0	27		27	
BETULA POPULIFOLIA, GRAY BIRCH 6-10' HT. CLUMPS B.B.		EA		8		8	0	8		8	
BETULA NIGRA, RIVER BIRCH 2'-2 1/2" CAL. B.B.		EA		11		11	0	11		11	
QUERCUS PAULSTERS PIN OAK 2 1/2"-3" CAL. B.B.		EA		11		11	0	11		11	
QUERCUS RUBRA, NORTHERN RED OAK 2 1/2"-3" CAL. B.B.		EA		3		3	0	3		3	
BOULDER		EA		25		25	0	25		25	
LANDSCAPE EDGING		LF		120		120	0	120		120	
SELECTIVE CLEARING AND THINNING		SY		350		350	0	350		350	
SIGNAL & ILLUMINATION ITEMS											
TRENCHING AND BACKFILLING		LF		2,063		2,063	107	2,170		2,170	
ROCK IN FOUNDATION EXCAVATION		VF		0		0	5	5		5	
TRAFFIC CONTROL FOUNDATION-SPAN POLE		EA		2		2	0	2		2	
TRAFFIC CONTROL FOUNDATION-PEDESTAL-TYPE I		EA		2		2	0	2		2	
TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV		EA		1		1	0	1		1	
UNDERBRIDGE LUMINAIRE - LED (WALL MOUNTED)		EA		3		3	0	3		3	
2" RIGID METAL CONDUIT IN TRENCH		LF		575		575	29	604		604	
3" RIGID METAL CONDUIT IN TRENCH		LF		35		35	2	37		37	
2" POLYVINYL CHLORIDE CONDUIT IN TRENCH		LF		1,275		1,275	64	1,339		1,339	
3" POLYVINYL CHLORIDE CONDUIT IN TRENCH		LF		42		42	50	92		92	
2" POLYVINYL CHLORIDE CONDUIT UNDER ROADWAY		LF		265		265	13	278		278	
2" RIGID METAL CONDUIT UNDER ROADWAY		LF		480		480	24	504		504	
3/4" FIBERGLASS CONDUIT - SURFACE		LF		160		160	8	168		168	
2" FIBERGLASS CONDUIT - SURFACE		LF		20		20	1	21		21	
2" FIBERGLASS CONDUIT IN TRENCH		LF		40		40	2	42		42	
16" X 14" X 6" NEMA 4X NON-METALLIC JUNCTION BOX		EA		2		2	0	2		2	
CONCRETE HANDHOLE		EA		9		9	0	9		9	
HANDHOLE		EA		8		8	0	8		8	

[illegible]

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:



wsp)

WSP USA INC
500 WINDING BROOK DR
GLASTONBURY, CT 06033



CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:

**REMOVAL OF BR. NOS. 00388 & 00389, DECK
REPLACEMENT ON BR. NO. 00870, AND MODIFICATIONS
TO ROUTE 17 & NEW LONDON TURNPIKE**

TOWN(S):

GLASTONBURY

DRAWING TITLE:

DETAILED ESTIMATE SHEET

PROJECT NO.:

0053-0189

DRAWING NO.:

DES-04

01.06

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PLOTTED DATE: 3/6/2025