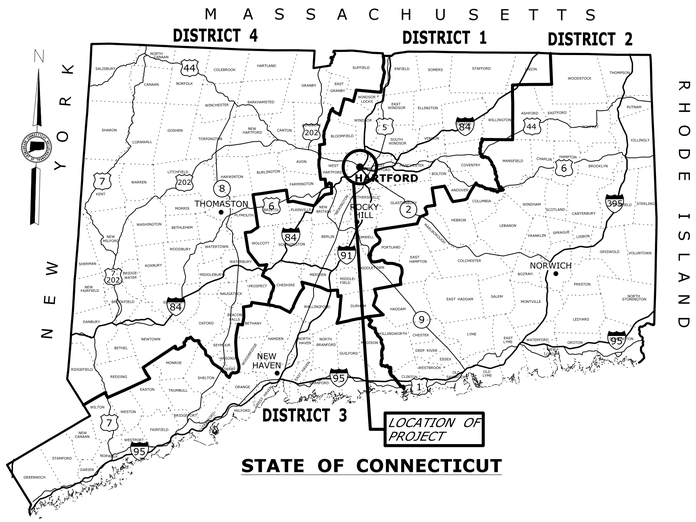
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

NEW HAVEN - HARTFORD - SPRINGFIELD RAIL CORRIDOR PROJECT

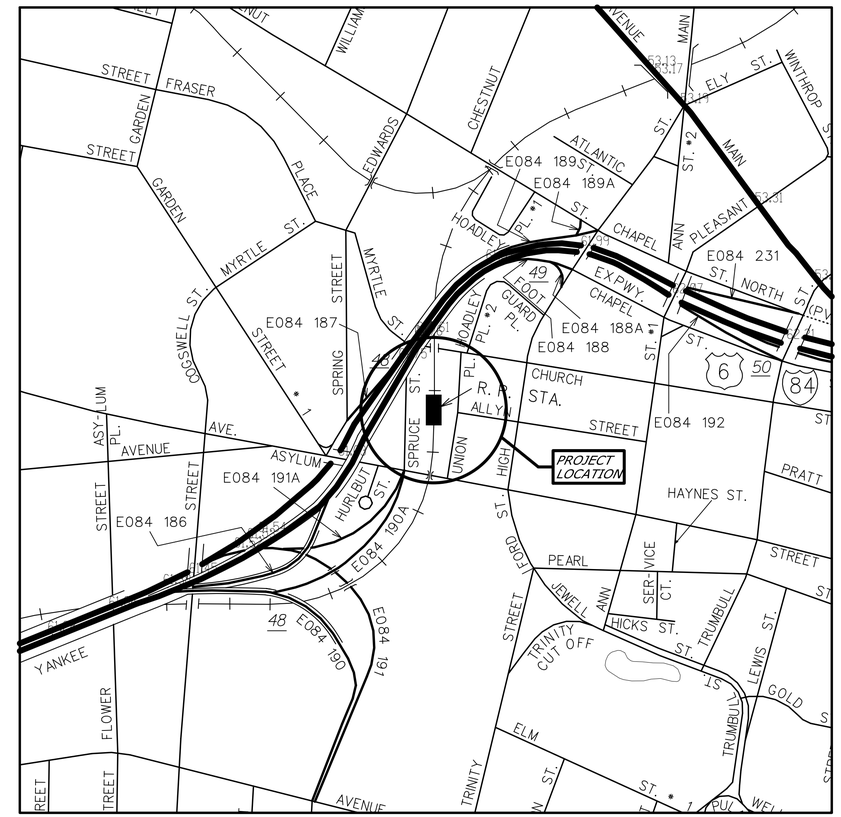
Town(s)/City of

HARTFORD



STATE OF CONNECTICUT

STATION UPGRADE PLANS



LOCATION PLAN

NOT TO SCALE

GENERAL NOTES:

1. FEDERAL AID PROJECT NO. FR-HSR-0125-12-01-00
2. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, dated 2004; Supplemental Specifications, dated January 2014; and Special Provisions
3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM SYSTEM N.A.D. 1983/2007
4. VERTICAL DATUM BASED ON NAVD 1988

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.

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LIST OF SUBSETS

SUBSET NO.	SUBSET TITLE	SUBSET SHEET COUNT
01	GENERAL	2
03	CIVIL	6
11	ARCHITECTURAL	23
12	STRUCTURE PLANS	15
13	BUILDING SYSTEMS	31

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

LIST OF SUBSETS
SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	TSH-001
GENERAL NOTES, LEGENDS, & ABBREVIATIONS	GEN-001

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:

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Plans For
NEW HAVEN - HARTFORD
SPRINGFIELD
RAIL CORRIDOR

Town(s)/City
HARTFORD

STATE PROJECT NO.
0170-3261

DRAWING NO.
TSH-001

SHEET NO.
01.01

Connecticut Department of Transportation
QA/QC Format Check

GENERAL

1. ANY ON-SITE CONTRACTOR TRAILERS OR LAY DOWN AREAS MUST BE APPROVED BY THE ENGINEER.
2. ACCESS TO DRIVEWAYS AND LOADING ZONES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL INSTALL TEMPORARY SEDIMENTATION AND EROSION CONTROL DEVICES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. FOR ADDITIONAL INFORMATION, REFER TO SEDIMENTATION AND EROSION CONTROL NOTES.
4. THE CONTRACTOR SHALL BE AWARE THAT ALL EXCAVATED MATERIAL, INCLUDING RAILROAD TIES WILL REQUIRE PROPER HANDLING. FOR ADDITIONAL INFORMATION, REFER TO THE SPECIAL PROVISIONS.
5. ALL DIMENSIONS AND ELEVATIONS MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO START OF MANUFACTURING AND CONSTRUCTION, AND NECESSARY ADJUSTMENTS WILL BE ADDRESSED BY THE ENGINEER THROUGH THE RFI PROCESS.
6. THE INFORMATION SHOWN ON THESE PLANS IS BASED ON LIMITED INVESTIGATIONS AND IS NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OF WORK REQUIRED. LOCATIONS OF EXISTING UTILITIES AND UNDERGROUND STRUCTURES HAVE BEEN COMPILED FROM THE BEST AVAILABLE INFORMATION. ALL UTILITIES AND UNDERGROUND STRUCTURES MAY NOT BE SHOWN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THE ACTUAL LOCATION OF ALL UTILITIES AND FOR UTILITY COORDINATION. UTILITY LINES DAMAGED BY THE CONTRACTOR SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND THE UTILITY COMPANY AND THE COST OF REPAIR WORK SHALL BE BORNE BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT CALL BEFORE-U-DIG AT 1-800-922-4455 FOR MARKING OF EXISTING UTILITIES AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF EXCAVATION (MONDAY THROUGH FRIDAY, EXCLUDING HOLIDAYS).

SITE GRADING

THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING, OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:

A PROVISION SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.

B. EXCAVATIONS SHOULD NOT BE MADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTLING, OR CRACKING.

C. NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE PREMISES OF ANOTHER PROPERTY OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES, OR WATERBODIES.

D. PRIOR TO ANY EARTHWORK, AN ANTI-TRACKING PAD SHALL BE PLACED AT THE EXIT FROM THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

ENVIROMENTAL PERMITTING REQUIREMENTS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE EROSION CONTROL PLAN AND ANY ADDITIONAL REQUIREMENTS (INCLUDING INSPECTION AND CERTIFICATION) IMPOSED BY THE U.S. EPA NPDES PERMIT AND ANY OTHER LOCAL, STATE OR FEDERAL REGULATIONS INCLUDING STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION GENERAL PERMIT DEP-PED-GP-015, "GENERAL PERMIT FOR THE DISCHARGE OF STORM WATER AND DEWATERING WASTEWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES".
2. IF ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED DURING OR AFTER CONSTRUCTION, AS DETERMINED BY THE ENGINEER, OR OTHER AUTHORITIES, THE CONTRACTOR SHALL TAKE SUCH ADDITIONAL MEASURES AS THEY MAY DIRECT.
3. EACH CONTRACTOR AND SUBCONTRACTOR PERFORMING WORK ON THIS SITE SHALL BE REQUIRED TO CERTIFY THAT THEY HAVE READ AND UNDERSTAND THE TERMS OF CONNECTICUT DEP GENERAL PERMIT DEP-PED-GP-015.

PERMITTING REQUIREMENTS

THE CONTRACTOR IS REQUIRED TO PROVIDE DEMOLITION AND ELECTRICAL PERMITS, FROM THE CITY OF HARTFORD, AT HIS EXPENSE.

FLOOD CONTINGENCY

THE CONTRACTOR IS BOUND BY THE CONDITIONS SET FORTH IN CTDOT's "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION" FORM 816 (2004). SPECIFICALLY, SECTION 1.10 - ENVIRONMENTAL COMPLIANCE, ADDRESSES THE NEED FOR THE CONTRACTOR TO MAINTAIN A STABLE WORK AREA AND TO COORDINATE WITH NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WEATHER SERVICE FOR INFORMATION PERTAINING TO STORMS. THESE PROVISIONS ARE FULLY DESCRIBED UNDER ITEMS 9 AND 10 OF THE "BEST MANAGEMENT PRACTICES".

SEDIMENTATION AND EROSION CONTROL MEASURES

1. EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE CONNECTICUT DOT SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 816, 2004 WITH LATEST SUPPLEMENT SPECIFICATIONS, 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, DEP BULLETIN 34, AND THE PROJECT SPECIFICATIONS.
2. THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION, AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.
3. IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSES, WATERBODY, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INSOFAR AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES AND WATERBODIES, AND TO PREVENT, INSOFAR AS POSSIBLE, EROSION ON SITE.

DEMOLITION NOTES

1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
2. MAINTAIN EXISTING UTILITIES TO REMAIN, PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
3. UTILITY LINES AND ABANDONED ELECTRIC TRANSFORMERS NOT SPECIFICALLY NOTED BUT WHICH ARE ENCOUNTERED IN THE WORK SHALL BE CAPPED, EXTENDED, PROTECTED, REMOVED OR REWORKED AS DIRECTED.
4. FURNISH, ERECT AND MAINTAIN ALL TEMPORARY BARRICADES, FENCES, COVERINGS, ENCLOSURES, SIGNS AND LIGHTING AS MAY BE REQUIRED TO CARRY ON DEMOLITION WORK IN A SAFE AND LEGAL MANNER.
5. PLACE EROSION CONTROLS PRIOR TO DEMOLITION. MAINTAIN EROSION CONTROLS THROUGHOUT DURATION OF THE PROJECT.
6. THE LIMIT OF DEMOLITION SHALL BE THE PROPERTY LINE WHERE IT IS NOT CALLED OUT ON THE PLAN.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY UTILITY LOCATIONS IN THE FIELD. CONTACT "CALL BEFORE YOU DIG" 72 WORKING HOURS IN ADVANCE.
8. TREES SHALL BE REMOVED IN A MANNER TO INSURE AGAINST ANY RE-GROWTH. TREES TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING ALL OPERATIONS.
9. COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL HAULING AND DISPOSAL REGULATIONS AND WITH ENVIRONMENTAL REGULATIONS.
10. ALL MATERIAL IS TO BE DISPOSED OF AT A SAFE, APPROVED LOCATION OFF SITE.
11. "STRUCTURES" MEANS ALL ABOVE AND BELOW GRADE COMPONENTS OF THE EXISTING BUILDINGS INCLUDING BUT NOT LIMITED TO FOOTINGS, FOUNDATIONS, FOUNDATION WALLS, UNDERGROUND PIPING, EQUIPMENT, SUPPORTS, STAIRS, STOOPS, ETC.
12. DUST CONTROL TREATMENTS SHALL BE APPLIED AS NECESSARY TO CONTROL AND REDUCE THE AMOUNT OF DUST WHICH MAY CAUSE OFF SITE DAMAGE, BE A HEALTH HAZARD TO HUMANS, WILDLIFE AND PLANT LIFE, OR POSE A HAZARD TO TRAFFIC SAFETY.
13. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL SAFETY REGULATIONS TO PROTECT THE PUBLIC WHILE DEMOLITION WORK IS BEING PERFORMED.
14. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES, AND STATUTES, AND OBTAIN THE REQUIRED PERMITS. ANY PERMITS REQUIRED SHALL BE PAID FOR BY THE CONTRACTOR AND SHALL BE CONSIDERED TO BE INCIDENTAL TO THE ITEM "DISPOSAL OF BUILDINGS".
15. ADJOINING STREETS AND PROPERTIES SHALL BE KEPT FREE OF DEBRIS RESULTING FROM THE DEMOLITION AND SHALL BE BROOM AND/OR WATER CLEANED ON A DAILY BASIS.
16. HOURS OF OPERATION TO BE AS PER LOCAL ORDINANCE. CONTRACTOR TO VERIFY PRIOR TO STARTING ON SITE OPERATIONS.
17. ALL EROSION CONTROL SHALL BE LOCATED OUTSIDE OF ANY WETLAND LIMITS.
18. THE DEMOLITION PLAN IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION.
19. THE ENGINEER AND ITS CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIAL, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, POLYCHLORINATED BIPHENYL (PCB), DIOXIN, ACID OR ALKALI CHEMICALS, LEAD PAINT, AIR POLLUTANTS, WATER POLLUTANTS, UNDERGROUND STORAGE TANKS OR OTHER DELETERIOUS MATERIALS. ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE THEREOF OR EXPOSURE THERETO AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER AND ITS CONSULTANTS FROM ANY CLAIM MADE IN CONNECTION THEREWITH. MOREOVER, ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATION OF ANY TYPE WITH REGARD TO ANY CONTRACT OR AMENDMENT THERETO INVOLVING THE ISSUE OF PRESENCE, DISCOVERY, REMOVAL OR ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS SUBSTANCES.
20. DISTURBANCE TO ADJACENT PARCELS FOR INTER PARCEL CONNECTION SHALL BE KEPT TO THE MINIMAL EXTENT POSSIBLE. DISTURBED AREAS SHALL BE CONSTRUCTED OR RESTORED AS SOON AS POSSIBLE. THE CONSTRUCTION SCHEDULE SHALL BE COORDINATED WITH THE MANAGER OF ADJACENT OWNERS / TENANTS.

ABBREVIATIONS

CB	CATCHBASIN
CB DG	CATCHBASIN DOUBLE GRATE
MH	MANHOLE
MH SS	MANHOLE SANITARY SEWER
COG	CLEAN OUT TO GRADE
HDS	HYDRODYNAMIC SEPERATOR
RD	ROOF DRAIN

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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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 CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 9/29/2014

DESIGNER/DRAFTER: D. PEKAROVIC

CHECKED BY: A SARDILLI

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FA_CGR_CPS_0170-2296_063__05_GEC__001.dgn

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PROJECT TITLE: NEW HAVEN - HARTFORD SPRINGFIELD RAIL CORRIDOR

TOWN: HARTFORD

DRAWING TITLE: GENERAL NOTES, LEGENDS AND ABBREVIATIONS

PROJECT NO. 170-3261

DRAWING NO. GEN-001

SHEET NO. 01.02