

LEGEND

	EXISTING	PROPOSED
PEDESTRIAN SIGNAL	■ P.S.	
PEDESTRIAN SIGNAL AND LIGHT	■ P.S.L.	
SPAN POLE	■ ST.	
SPAN POLE AND LIGHT	■ ST.L.	
MAST ARM	■ T	
MAST ARM AND LIGHT	■ T.L.	
MADISON POLE	⊙ M.	
TWIN COBRA HEAD	⊙	
SNETCO MANHOLE	○	○
WATER GATE	○	○
GAS GATE	●	●
HELTCO MANHOLE	⊙	⊙
MANHOLE	⊙	⊙
SIGN POST	●	●
12" PVC CATCH BASIN CONNECTION	⊗	⊗
CONTROL CABINET, GROUND MOUNTED	⊗	⊗
CONTROL CABINET, POST MOUNTED	⊗	⊗
STREET LIGHT	⊗	⊗
CATCH BASIN WITH CIRCULAR GRATE	⊗	⊗
FIRE HYDRANT	⊗	⊗
SPRINKLER HYDRANT	⊗	⊗
FIRE RISER	⊗	⊗
FIRE CALL BOX, GROUND MOUNTED	⊗	⊗
FIRE CALL BOX, POST MOUNTED	⊗	⊗
COAL SHUTE	⊗	⊗
FLAG POLE	⊗	⊗
BUS SHELTER W/BENCH, W/O BENCH	⊗	⊗
TREE IN GRATE	⊗	⊗
TREE IN RAISED PLANTER	⊗	⊗
TREE	⊗	⊗
ELECTRIC VAULT	⊗	⊗
WHEELCHAIR RAMP	⊗	⊗
SIDEWALK HATCH	⊗	⊗
MAIL BOX	⊗	⊗
CITY MERESTONE	⊗	⊗
CONTROL POINT	⊗	⊗
INLET	⊗	⊗
CATCH BASIN HARTFORD, TYPE C	⊗	⊗
CATCH BASIN HARTFORD, TYPE C, REVISED	⊗	⊗
MAST ARM WITH NEW FOUNDATION	⊗	⊗
400W HPS ORNAMENTAL LUMINAIRE ON SPAN POLE ON NEW FOUNDATION	⊗	⊗
400W HPS ORNAMENTAL LUMINAIRE, 4FT. ARM AND 30FT. POLE ON EXISTING FOUNDATION	⊗	⊗
400W HPS ORNAMENTAL LUMINAIRE, 4FT. ARM AND 30FT. POLE ON NEW FOUNDATION	⊗	⊗
400W HPS ORNAMENTAL LUMINAIRE ON MAST ARM WITH NEW FOUNDATION	⊗	⊗
PEDESTAL W/ PEDESTRIAN PUSH BUTTON	⊗	⊗
RESET GRANITE CURB	⊗	⊗
NEW GRANITE CURB	⊗	⊗
CABLE VAULT	⊗	⊗
CONCRETE HANDHOLE	⊗	⊗

GENERAL NOTES

- ELEVATIONS ARE BASED ON METROPOLITAN DISTRICT COMMISSION (MDC) DATUM.
- COORDINATES BASED ON MDC COORDINATE GRID SYSTEM.
- RIM OR FRAME ELEVATIONS OF ALL UTILITY GATE BOXES, HANDHOLES, MANHOLES AND CATCH BASINS ARE TO BE ADJUSTED AS REQUIRED TO MATCH PROPOSED FINISHED PAVED SURFACES.
- CATCH BASINS DAMAGED OR FILLED WITH SEDIMENTATION DURING CONSTRUCTION PROCESS SHALL BE CLEANED AND FLUSHED AT CONTRACTOR'S EXPENSE.
- LOCATIONS OF EXISTING UTILITIES AND VAULTS ARE APPROXIMATE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THOSE LOCATIONS SHOWN ON THE DRAWING AND FOR THE PROTECTION OF SERVICES DURING CONSTRUCTION. ANY REPAIRS AND OR REPLACEMENT REQUIRED DUE TO DAMAGE DURING CONSTRUCTION SHALL BE COMPLETED BY THE CONTROLLING UTILITY CO. AT THE CONTRACTORS EXPENSE.
- PUBLIC OR PRIVATE PROPERTIES SUCH AS MAIL BOXES, LIGHT POLES, SIDEWALKS, SHRUBS, FENCES, STREET SIGNS, ETC., DAMAGED OR DISTURBED, SHALL BE FIXED/REPLACED AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER.
- GUTTER GRADES SHOWN ON DRAWINGS WERE DEVELOPED FROM SURVEY OF EXISTING ROADWAYS AT 25' STATIONS. ADJUSTMENT OF GUTTER GRADES MAY BE REQUIRED TO MEET EXISTING ROADWAY CONDITIONS AS DIRECTED BY THE ENGINEER.
- ALL STORM DRAINS TO HAVE A MINIMUM SLOPE OF 0.005 FT/FT WITH A MINIMUM OF 3' COVER.
- CALL BEFORE YOU DIG- THE CONTRACTOR IS HEREBY REMINDED THAT "PUBLIC ACT NO. 87-71" OF THE CONNECTICUT GENERAL STATUTES REQUIRES NOTIFICATION TO UTILITY COMPANIES OF PENDING EXCAVATION AT OR NEAR THE LOCATION OF PUBLIC UTILITY FACILITIES. THE CONTRACTOR SHALL CALL 1-800-922-4455 AT LEAST 48 HOURS PRIOR TO EXCAVATION.
- FINAL LOCATION, LENGTHS AND WIDTHS OF DRIVEWAYS SHALL BE AS SHOWN IN THE DETAIL SHEETS OR AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
- EACH LAYER OF MATERIAL USED FOR BACKFILL, EMBANKMENT, ROADWAY SUBGRADE OR FOUNDATIONS FOR STRUCTURES SHALL BE COMPACTED UNTIL THE DRY DENSITY OF EACH LAYER IS AT LEAST 95 PERCENT OF THE DRY DENSITY ACHIEVED BY THE AASHTO TEST T180, METHOD D FOR THAT MATERIAL.
- THE CITY RESERVES THE RIGHT TO ELIMINATE OR AMEND ANY PORTION OF THE ROADWAY CONTRACT AT ANY TIME. FINAL PAYMENT WILL BE MADE BASED UPON ACTUAL QUANTITIES COMPLETED AT THE BID UNIT PRICE. NO CLAIM WILL BE ALLOWED FOR ADDITIONAL COMPENSATION OR ANTICIPATED PROFIT ON ITEMS THAT HAVE BEEN DECREASED OR ELIMINATED.
- PROPERTY LINES AND EASEMENTS AS SHOWN ON THE PLANS ARE APPROXIMATE, EXACT LOCATIONS OF PROPERTY LINES AND EASEMENTS TO BE DETERMINED AS REQUIRED BY THE CONTRACTOR.
- ANY PRIVATELY OWNED LAWN AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE LOAMED AND SEEDED.
- THE CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION FROM THE ENGINEER PRIOR TO BEGINNING WORK IN ANY AREAS REQUIRING EASEMENTS FOR CONSTRUCTION.
- DEPRESS CURBING AT ALL INTERSECTIONS FOR SIDEWALK RAMPS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- STREET LAYOUTS ARE BASED UPON RECORDED DATA BY THE CITY OF HARTFORD.
- EXISTING UTILITIES, STRUCTURES AND GRANITE CURBING REMOVED BY THE CONTRACTOR AND NOT REUSED SHALL REMAIN THE PROPERTY OF THE CITY AND DELIVERED TO THE CITY YARD ON JENNINGS RD. IF SO REQUIRED BY THE CITY.
- PLACEMENT OF WARNING SIGNS AS SHOWN ON PLANS REPRESENTS THOSE REQUIRED TO BE POSTED FOR THE DURATION OF THE CONTRACT. ADDITIONAL TRAFFIC CONTROL SIGNS AND DEVICES MAY BE REQUIRED TO ACCOMMODATE VARIOUS STAGES OF CONSTRUCTION. WARNING SIGNS SHALL BE PAID ACCORDINGLY TO BID ITEM NO. 72, "CONSTRUCTION SIGNS". TEMPORARY BARRICADES, TRAFFIC DRUMS, CONES AND OTHER DEVICES FOR STAGES OF CONSTRUCTION TO BE PAID ACCORDING TO THEIR RESPECTIVE BID ITEMS.
- VALUES OF COORDINATES MAY OR MAY NOT REFLECT RECORDED DISTANCES AS SET DOWN BY THE COURT OF COMMON COUNCIL. VALUES REFLECT EXISTING CONDITIONS, AS SURVEYED IN THE FIELD BY L-C ASSOCIATES.
- EXISTING POSTED TRAFFIC AND PARKING REGULATIONS TO BE RESTORED TO ORIGINAL POSITION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- FORM 814, STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION 1988 IS INCORPORATED INTO AND MADE A PART OF THESE DOCUMENTS, AND WILL BE ADHERED TO AS DIRECTED IN THE SPECIFICATIONS.
- PROVIDE A 2" PVC SCHEDULE 80 CONDUIT FROM SNET MANHOLE #13 (STA. 6+62 CENTRAL ROW @ 10' RIGHT) TO TWO NEW TELEPHONE KIOSKS (STA. 7+34, CENTRAL ROW @ 38' RIGHT, 42' RIGHT). REFER TO THE TRENCH DETAIL FOR BURIED CONDUIT, SHEET EL-3. NOTIFY THE SNET SUPERVISOR FROM THE CONDUIT DEPARTMENT (TEL. 521-5362) AND RICH HOLMAN FROM SNET COIN DEPARTMENT (TEL. 725-4252) PENDING EXCAVATION. TELEPHONE KIOSKS AND PEDESTALS TO BE PROVIDED BY SNET. PVC CONDUIT TO BE PAID FOR UNDER ITEM #133. TRENCHING AND BACKFILLING TO BE PAID FOR UNDER ITEM #140.

UTILITY LEGEND

	DIAMETER
SEWER	---
WATER	--- W ---
STEAM	--- ST ---
ELECTRIC	--- E ---
TELEPHONE	--- T ---
GAS	--- G ---
CABLE	--- CATV ---

LIST OF DRAWINGS

SHEET NO.	DESCRIPTION
C-1	TITLE SHEET
C-2	LIST OF DRAWINGS, LEGEND AND GENERAL NOTES
C-3	ESTIMATED QUANTITIES
C-4	REFERENCE PLAN TRAVERSE AND TIES
C-5	TYPICAL SECTIONS
C-6	CONSTRUCTION DETAILS
C-7	CONSTRUCTION DETAILS
C-7A	CONSTRUCTION DETAILS
C-7B	MISCELLANEOUS DETAILS
C-8	PLAN -1-
C-9	PLAN -2-
C-10	MAIN STREET PROFILE, PEARL STREET PROFILE
C-11	CENTRAL ROW PROFILE, MARKET STREET PROFILE, STATE STREET PROFILE, PROSPECT STREET PROFILE
C-12	PAVEMENT MARKINGS AND STRIPING PLAN -1-
C-13	PAVEMENT MARKINGS AND STRIPING PLAN -2-
C-14	REGULATORY SIGNS
C-15	EXISTING UTILITY PLAN -1-
C-16	EXISTING UTILITY PLAN -2-
C-17	ISLAND DETAILS
C-18	INDEX TO CROSS SECTIONS
C-19	MAIN STREET CROSS SECTIONS STA 7+75 TO STA 8+75
C-20	MAIN STREET CROSS SECTIONS STA 9+00 TO STA 9+25
C-21	CENTRAL ROW CROSS SECTIONS STA 5+55 TO STA 7+80
C-22	CENTRAL ROW CROSS SECTIONS STA 5+62 TO STA 7+80
C-23	CENTRAL ROW AMERICAN ROW CROSS SECTIONS STA 8+00 TO 9+00
C-24	AMERICAN ROW CROSS SECTIONS STA 9+25 TO 10+25
C-25	STATE STREET AND AMERICAN ROW CROSS SECTIONS STA 10+50 TO STA 11+00 AND STA 11+25 TO STA 11+50
C-26	PROSPECT STREET AND MARKET STREET CROSS SECTIONS STA 5+25 TO STA 5+75 AND STA 5+50 TO STA 6+75
C-27	CONTOUR PLAN AMERICAN ROW
LA-1	LANDSCAPE LAYOUT PLAN
LA-2	LANDSCAPE LAYOUT PLAN
LA-3	PLANTING PLAN
LA-4	PLANTING PLAN
LA-5	LANDSCAPE DETAILS
LA-6	LANDSCAPE DETAILS
LA-7	LANDSCAPE DETAILS
T-1	SIGNAL PLAN MAIN STREET AND ASYLUM STREET
T-2	SIGNAL PLAN MAIN STREET, PEARL STREET AND CENTRAL ROW
T-3	SIGNAL PLAN CENTRAL ROW, AMERICAN ROW, STATE STREET, PROSPECT STREET AND MARKET STREET
T-4	LANE CONTROL SIGNALIZATION
T-5	TRAFFIC POLE FOUNDATIONS
T-6	MAINTENANCE AND PROTECTION OF TRAFFIC NOTES
T-7	MAINTENANCE AND PROTECTION OF TRAFFIC STAGE 1A
T-8	MAINTENANCE AND PROTECTION OF TRAFFIC STAGE 1B
T-9	MAINTENANCE AND PROTECTION OF TRAFFIC STAGE 1C
T-10	MAINTENANCE AND PROTECTION OF TRAFFIC STAGE 1D
EL-1	ELECTRICAL PLAN -1- STREET LIGHTING PLAN -1-
EL-2	ELECTRICAL PLAN -2- STREET LIGHTING PLAN -2-
EL-3	ELECTRICAL PLAN -3- LIGHTING STANDARD DETAILS
EL-4	ELECTRICAL PLAN -4- LIGHTING STANDARD DETAILS
EL-5	ELECTRICAL PLAN -5- LIGHTING STANDARD DETAILS
EL-6	ELECTRICAL PLAN -6- LIGHTING STANDARD DETAILS
EL-7	ELECTRICAL PLAN -7- LIGHTING STANDARD DETAILS

ABBREVIATIONS

BIT.	BITUMINOUS	B.C.	BOTTOM OF CURB
B.	BASELINE	T.C.	TOP OF CURB
C.M.S.	CITY MERESTONE	MDC	METROPOLITAN DISTRICT COMMISSION
CONC.	CONCRETE		
DIAM.	DIAMETER		
E.H.H.	ELECTRIC HAND HOLD		
E.M.H.	ELECTRIC MANHOLE		
ENT.	ENTRANCE		
M.	MADISON		
M.B.	MAILBOX		
R.	PROPERTY LINE		
P.S.	PEDESTRIAN SIGNAL		
P.S.L.	PEDESTRIAN SIGNAL AND LIGHT		
S.	STREET LINE		
S.M.H.	SANITARY SEWER MANHOLE		
ST.	SPAN POLE		
ST.L.	SPAN POLE AND LIGHT		
ST.M.H.	STORM SEWER MANHOLE		
S.W.	SIDEWALK		
T.	MAST ARM		
T.L.	MAST ARM AND LIGHT		
W.B.	WATER BUREAU MANHOLE		
W.M.H.	WATER MANHOLE		
W.U. TEL.	TELEPHONE MANHOLE		
S	SOUTH		
N	NORTH		
E	EAST		
W	WEST		
LT.	LIGHT		
C.P.	CONTROL POINT		
B.M.	BENCH MARK		

CITY OF HARTFORD, CONNECTICUT
DEPARTMENT OF PUBLIC WORKS
TRANSPORTATION SERVICES BUREAU

HNTB

HOWARD NEEDLES TAMMEN & BERGENDOFF
Architects / Engineers / Planners

Pat Loheed, Landscape Architect

L-C Associates, Inc. - Surveyor

HARTFORD PEDESTRIAN TRANSIT PROJECT

LIST OF DRAWINGS,

LEGEND AND GENERAL NOTES

DESIGN R.S.O.
DRAWN P.E.C.
CHECKED J.F.M.

SCALE: DAY BOOK NO.

DATE: 9-8-89 SHEET NO. C-2

REVISION MADE BY CHECKED BY DESCRIPTION