

PROJECT LOCATION PLAN
SCALE: 1" = 1000'

TOWN OF LEDYARD, CT

LEDYARD HIGH SCHOOL MULTI-USE PATHWAY AND SIDEWALK EXTENSION

L171-0001

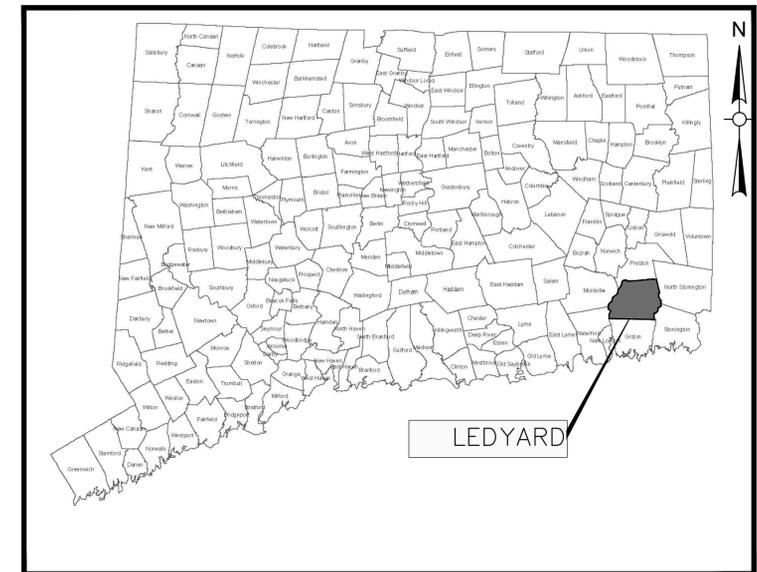


FRED ALLYN, III
MAYOR

STEVE MASALIN, P.E.
DIRECTOR OF PUBLIC WORKS

JOSEPH TILLMAN
HIGHWAY SUPERINTENDENT

COLONEL LEDYARD HIGHWAY MULTI-USE PATHWAY
(STA: 10+00 TO 65+90)



TOWN LOCATION MAP
SCALE: N.T.S.

PROJECT SPECIFICATIONS:
CONNECTICUT DEPARTMENT OF
TRANSPORTATION, STANDARD SPECIFICATIONS
FOR ROADS, BRIDGES, FACILITIES AND
INCIDENTAL CONSTRUCTION, FORM 818, DATED
2020; AND SPECIAL PROVISIONS

SURVEY INFORMATION DERIVED FROM:
WESTON & SAMPSON LAND SURVEYORS, INC.

VERTICAL DATUM - NAVD88
HORIZONTAL DATUM - NAD83

DESIGNED BY:
WESTON & SAMPSON ENGINEERS, INC.
712 BROOK STREET, SUITE 103
ROCKY HILL, CT 06067

CONTENTS

SHEET NAME	SHEET TITLE
GEN-01	INDEX PLANS, LEGENDS, AND NOTES
DET-01	SEDIMENTATION AND EROSION CONTROL DETAILS
DET-02	MISCELLANEOUS DETAILS
DET-03	HYDRODYNAMIC SEPARATOR DETAILS
DET-04 - DET-05	LOW PRESSURE SEWER DETAILS
DET-06	LANDSCAPE DETAILS
DET-07	GROTON UTILITY DETAILS
DET-08 - DET-11	CTDOT HIGHWAY GUIDE SHEETS
DET-12 - DET-14	CTDOT TRAFFIC GUIDE SHEETS
TYP-01	MULTI-USE PATHWAY AND SIDEWALK TYPICAL SECTIONS
TYP-02	ROADWAY TYPICAL SECTIONS
IGP-01	INTERSECTION GRADING PLANS
HWY-01	MULTI-USE PATHWAY & SIDEWALK PLAN STA. 10+00 TO 16+50
HWY-02	MULTI-USE PATHWAY & SIDEWALK PLAN STA. 211+50 TO 214+96 & STA. 110+00 TO 112+50
HWY-03	MULTI-USE PATHWAY & SIDEWALK PLAN STA. 16+50 TO 22+00
HWY-04	MULTI-USE PATHWAY & SIDEWALK PLAN STA. 22+00 TO 33+00
HWY-05	MULTI-USE PATHWAY & SIDEWALK PLAN STA. 33+00 TO 44+00
HWY-06	MULTI-USE PATHWAY & SIDEWALK PLAN STA. 44+00 TO 55+00
HWY-07	MULTI-USE PATHWAY & SIDEWALK PLAN STA. 55+00 TO 65+90
PRO-01 - PRO-11	MULTI-USE PATHWAY PROFILES
XSC-01 - XSC-08	CRITICAL CROSS SECTIONS
S-1	EMBANKMENT WALL SITE NO. 1, NO. 2, NO. 3 PLAN AND ELEVATION
S-2	EMBANKMENT WALL SITE NO. 4 PLAN AND ELEVATION
S-3	EMBANKMENT WALL SECTIONS AND DETAILS
S-4	BORING LOGS
TCS-07	TRAFFIC CONTROL SIGNAL PLAN CTDOT HIGHWAY STANDARD DRAWINGS CTDOT TRAFFIC STANDARD DRAWINGS

CT. LIC. NO. XXXXX

MARCH 15, 2019

Issued Date:

MAY 2023

COA:

COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE
EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
LISTED ON THIS DRAWING ONLY.

REPRODUCTION, RELEASE OF UTILIZATION OF THE
DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND
ON OTHER PROJECTS IS PROHIBITED BY LAW.
WESTON & SAMPSON RETAINS THE EXCLUSIVE USE
OF THE INTELLECTUAL PROPERTY CONTAINED
HEREIN.



Know what's below.
Call before you dig.

Issued For:

Weston & SampsonSM

Weston & Sampson Engineers, Inc.
712 Brook Street, Suite 103
Rocky Hill, CT 06067

860-513-1473 800.SAMPSON

www.westonandsampson.com

NOT RELEASED FOR CONSTRUCTION

CONSTRUCTION NOTES:

GENERAL:

- SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SHOWN ON THE DRAWINGS TO SCALE OR TO THEIR ACTUAL DIMENSIONS OR LOCATION. COORDINATE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
- DO NOT RELY SOLELY ON ELECTRONIC VERSIONS OF THESE DRAWINGS, SPECIFICATIONS, AND DATA FILES THAT ARE PROVIDED BY THE ENGINEER. FIELD VERIFY LOCATION OF PROJECT FEATURES.
- THE CONTRACTOR SHALL PERFORM NECESSARY CONSTRUCTION NOTIFICATIONS, APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK AS REQUIRED BY THE CONTRACT DOCUMENTS.
- FENCES, MAIL BOXES, ETC. SHALL BE REMOVED AND REPLACED AS NECESSARY TO PERFORM THE WORK. UNLESS OTHERWISE INDICATED, ALL SUCH WORK SHALL BE PAID FOR UNDER CLEARING AND GRUBBING.
- ALL AREAS DISTURBED BY THE CONTRACTOR BEYOND PAYMENT LIMITS SHALL BE RESTORED AT NO ADDITIONAL COST TO THE TOWN. PAVEMENT SHALL BE REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS AND AS SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL MAINTAIN SIDE SLOPES AND DRAINAGE SWALES DURING CONSTRUCTION TO PREVENT PONDING AND EROSION.
- THE CONTRACTOR SHALL NOT STORE ANY APPARATUS, MATERIALS, SUPPLIES OR EQUIPMENT ON DRAINAGE STRUCTURES OR WITHIN 100 FEET OF WETLANDS.
- THE CONTRACTOR SHALL GRADE PROPOSED SLOPES TO MEET EXISTING SLOPES WHERE SHOWN ON PLANS, IN ACCORDANCE WITH THE MINIMUM AND MAXIMUM SLOPES SPECIFIED.
- ALL STREET EXCAVATIONS SHALL BE COMPLETELY CLOSED AT THE END OF EACH WORKING DAY BY BACKFILLING. COVERING WITH STEEL PLATES MAY BE ALLOWED IF APPROVED BY THE ENGINEER.
- WHERE ENCOUNTERED, UNSUITABLE MATERIAL SHALL BE REMOVED TO A DEPTH OF AT LEAST 12-INCHES BELOW THE BOTTOM OF TRENCH EXCAVATIONS AND REPLACED WITH GRANULAR FILL, UNLESS OTHERWISE SPECIFIED.
- DURING THE PROCESS OF WORK, THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE AREA OF CONSTRUCTION ACTIVITIES, INCLUDING SWEEPING AND WATER FOR DUST CONTROL AS NECESSARY, TO MINIMIZE CREATION AND DISPERSION OF DUST.
- WHERE EXISTING FENCES ARE TO BE REMOVED AND RESET, A TEMPORARY CONSTRUCTION FENCE SHALL BE ERECTED AFTER REMOVAL FOR THE PROTECTION OF THE RESIDENTS. TEMPORARY CONSTRUCTION FENCES SHALL BE PAID FOR UNDER CLEARING AND GRUBBING.
- ALL HIGHWAY LINE MONUMENTATION WITHIN THE PROJECT LIMITS MUST BE DELINEATED AND PROTECTED FROM DAMAGE OR MOVEMENT. ANY COST ASSOCIATED WITH RESETTING OF THE MONUMENTATION SHALL BE AT THE CONTRACTOR'S EXPENSE IF DISTURBED BY CONTRACTOR.
- THE CONTRACTOR SHALL COMPLETE ALL LAYOUTS, SURVEYS, ETC. REQUIRED FOR CONSTRUCTION OF THE PROJECT AS SHOWN AND AS SPECIFIED.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THE PROPER STORM DRAINAGE AND SANITARY FLOWS ARE MAINTAINED THROUGHOUT THE CONSTRUCTION DURATION.
- ALL PROPOSED MANHOLES, MANHOLE COVERS AND FRAMES, CATCH

BASINS, AND CATCH BASIN GRATES AND FRAMES SHALL CONFORM TO THE REQUIREMENTS AS SHOWN IN THE CONTRACT PLANS AND DOCUMENTS.

- REMOVAL OF ALL TREES WITHIN THE EXCAVATION LINES SHALL BE PAID FOR BY CLEARING AND GRUBBING.
- ALL GUIDE RAIL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND ISSUED REVISIONS/SUPPLEMENTS, AND STANDARD DETAILS.

WORK RESTRICTIONS:

- DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, FIRE HYDRANTS, AND UTILITIES WITHOUT APPROPRIATE PERMITS.
- NO WORK WILL BE ALLOWED TO BE PERFORMED ON SUNDAY AND ON ALL TOWN HOLIDAYS WITHOUT TOWN AUTHORIZATION.
- ALL CONSTRUCTION ACTIVITIES, INCLUDING THE LOADING AND UNLOADING OF MATERIALS AND EQUIPMENT, SHALL BE LIMITED TO MONDAY THROUGH FRIDAY FROM 7:00 AM TO 6:00 PM AND SATURDAY FROM 9:00 AM TO 5:00 PM UNLESS OTHERWISE AUTHORIZED BY THE TOWN. TOWN MUST BE NOTIFIED AT LEAST 24-HOURS IN ADVANCE OF ANY WORK ON SATURDAY.

REGULATORY REQUIREMENTS:

- WITHIN LOCAL RIGHTS-OF-WAY, PERFORM THE WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND ISSUED REVISIONS AS SUPPLEMENTED BY THE TECHNICAL SPECIFICATIONS INCLUDED IN THIS CONTRACT.
- WITHIN STATE RIGHTS-OF-WAY, PERFORM THE WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- PROVIDE TRAFFIC SIGNAGE AND PAVEMENT MARKINGS IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY, PERFORM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND LOCAL REQUIREMENTS.

EROSION AND SEDIMENT CONTROL:

- THE CONTRACTOR SHALL INSTALL SPECIFIED EROSION AND CONTROL DEVICES BEFORE BEGINNING OTHER WORK ON SITE AND MAINTAIN THEM FOR THE DURATION OF THE PROJECT.
- CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING INLET PROTECTION FOR EXISTING AND PROPOSED CATCH BASINS, IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE MOST RECENT EDITION OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (CT DEEP BULLETIN 34). ALL MEASURES SHALL BE MAINTAINED AND UPGRADED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION.
- REFER TO THE DRAWINGS FOR EROSION AND SEDIMENT CONTROL LOCATIONS AND DETAILS.
- IMPLEMENT ALL NECESSARY MEASURES REQUIRED TO CONTROL STORMWATER RUNOFF, DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE. PERFORM CORRECTIVE ACTION AS NEEDED FOR EROSION CLEAN-UP AND REPAIRS TO OFF SITE AREAS, IF ANY, AT NO COST TO OWNER.
- EXISTING DRAINAGE STRUCTURES AND PIPES ARE TO BE CLEANED AND FLUSHED WHERE INDICATED ON THE PLANS AND SHALL BE PAID FOR BY

"CLEAN EXISTING DRAINAGE SYSTEM".

- INSPECT AND MAINTAIN EROSION CONTROL MEASURES WEEKLY AND AFTER MAJOR RAINFALL EVENTS, DISPOSE OF SEDIMENT IN AN UPLAND AREA. DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, REMOVE AND DISPOSE OF TEMPORARY EROSION CONTROL MEASURES. CLEAN SEDIMENT AND DEBRIS FROM TEMPORARY MEASURES AND FROM PERMANENT STORM DRAIN AND SANITARY SEWER SYSTEMS.

UTILITIES:

- THE CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" AT 1-800-922-4455 AND THE TOWN AT LEAST 72 HOURS PRIOR TO EXCAVATING AT ANY LOCATION, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS. A COPY OF THE CBYD PROJECT REFERENCE NUMBER(S) SHALL BE PROVIDED WHEN COMPLETING THE HIGHWAY PERMIT APPLICATION. EXCAVATION SHALL COMMENCE ONCE A HIGHWAY PERMIT IS RECEIVED BY THE CONTRACTOR.
- LOCATIONS OF EXISTING PIPES, CONDUITS, UTILITIES, FOUNDATIONS AND OTHER UNDERGROUND OBJECTS ARE NOT WARRANTED TO BE CORRECT AND THE CONTRACTOR SHALL HAVE NO CLAIM ON THAT ACCOUNT SHOULD THEY BE OTHER THAN SHOWN.
- TEST PITS TO LOCATE EXISTING UTILITIES MAY BE ORDERED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM "TEST PIT".
- THE CONTRACTOR SHALL TERMINATE EXISTING UTILITIES IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. COORDINATE UTILITY SERVICE DISCONNECTS WITH UTILITY REPRESENTATIVES.
- THE CONTRACTOR SHALL COORDINATE THE WORK AND WORK SCHEDULE WITH UTILITY COMPANIES. PROVIDE ADEQUATE NOTICE TO UTILITIES TO PREVENT DELAYS IN CONSTRUCTION. VALVES AND SERVICE CURB STOPS ARE TO BE OPERATED BY GROTON UTILITY STAFF ONLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING OF FRAMES, GRATES, GATES, VALVE BOXES ETC., WHICH SHALL BE DONE IN ACCORDANCE WITH INDIVIDUAL UTILITY COMPANY REQUIREMENTS.
- RIM ELEVATIONS FOR MANHOLES, VALVE COVERS, GATE AND PULL BOXES, AND OTHER STRUCTURES SHALL BE SET OR RESET FLUSH WITH FINAL GRADES.
- EXISTING STRUCTURES SHALL BE CORED PRIOR TO INSTALLING PIPE.

SURVEY NOTES:

- THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300b-1 THRU 20-300b-20 AS AMENDED, AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. THE TYPE OF SURVEY IS AN EXISTING CONDITIONS SURVEY, NO BOUNDARY DETERMINATION / OPINION HAS BEEN DEVELOPED. THIS SURVEY CONFORMS TO THE FOLLOWING ACCURACY CLASSES: HORIZONTAL CLASS A-2, TOPOGRAPHIC CLASS T-3, AND VERTICAL CLASS V-3.
- PROPERTY LINES AND RIGHT OF WAY LINES DEPICTED, WERE DEVELOPED VIA GIS AND TAX MAPS AND ARE APPROXIMATE ONLY.
- ELEVATIONS AND CONTOURS AS DEPICTED HEREON REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD) AS ESTABLISHED USING GPS SURVEY METHODS IN MARCH, 2021.
- SURVEY PERFORMED BY WESTON & SAMPSON LAND SURVEYORS, INC. IN MARCH, 2021.
- THE UTILITIES AS DEPICTED HEREON ARE BASED UPON OBSERVED EVIDENCE AT THE TIME OF THE FIELD SURVEY. NO ATTEMPT WAS MADE TO VERIFY THE LOCATIONS AND NO MAPPING WAS OBTAINED FROM THE RESPECTIVE UTILITY COMPANIES, GOVERNMENTAL AGENCIES AND/OR OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO WESTON & SAMPSON. THE EXISTENCE, SIZE AND LOCATION OF ALL SUCH FEATURES MUST BE DETERMINED AND VERIFIED IN THE FIELD BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG.

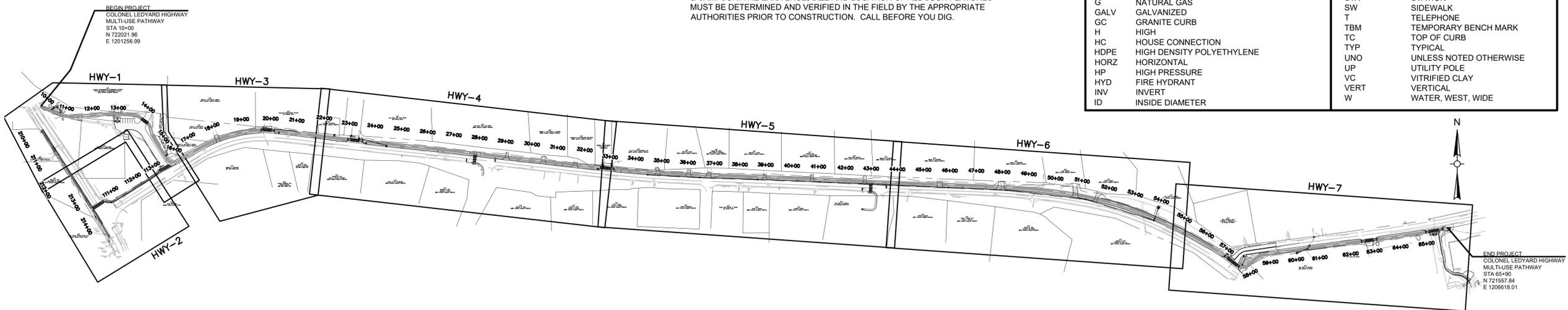
LEGEND

DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED
SANITARY SEWER	8" PVC SAN.	8" PVC SAN.	FENCE	X	X
WATER MAIN	W	W	INDIVIDUAL DECIDUOUS TREE	(Tree Symbol)	(Tree Symbol)
STORM DRAIN	D	D	INDIVIDUAL EVERGREEN TREE	(Tree Symbol)	(Tree Symbol)
ELECTRIC	E	E	TREE LINE	(Wavy Line)	(Wavy Line)
TELEPHONE	T	T	BUSH	(Bush Symbol)	(Bush Symbol)
SANITARY SEWER LATERAL	SS	SS	STUMP	(Stump Symbol)	(Stump Symbol)
WATER SERVICE	WS	WS	SURVEY MARKER	(Square Symbol)	(Square Symbol)
SANITARY SEWER MANHOLE	SMH	SMH	PROPERTY LINE	(Dashed Line)	(Dashed Line)
STORM DRAIN MANHOLE	DMH	DMH	EASEMENT LINE	(Dashed Line)	(Dashed Line)
ELECTRICAL MANHOLE	EMH	EMH	SPOT ELEVATIONS	x 100.2	x 101.5
TELEPHONE MANHOLE	TMH	TMH	CONTOUR LINES	-56-	-56-
CATCH BASIN	(Catching Basin Symbol)	(Catching Basin Symbol)	DEPRESSION CONTOUR LINES	(Dashed Contour)	(Dashed Contour)
HYDRANT	(Hydrant Symbol)	(Hydrant Symbol)	HOUSE NUMBER	#35	(House Number)
WATER GATE	WG	WG	FLOOR ELEVATION	FL=56.7	(Floor Elevation)
SPRINKLER HEAD	(Sprinkler Head Symbol)	(Sprinkler Head Symbol)	SILL ELEVATION	S=56.7	(Sill Elevation)
UTILITY POLE	(Utility Pole Symbol)	(Utility Pole Symbol)	WETLAND	(Wetland Symbol)	(Wetland Symbol)
GUY POLE	(Guy Pole Symbol)	(Guy Pole Symbol)	WETLAND FLAGS	WF#	(Wetland Flag)
GUY WIRE	(Guy Wire Symbol)	(Guy Wire Symbol)	GRASS PAVERS	(Grass Pavers Symbol)	(Grass Pavers Symbol)
OVERHEAD WIRE	(Overhead Wire Symbol)	(Overhead Wire Symbol)	GUIDE RAIL	(Guide Rail Symbol)	(Guide Rail Symbol)
LIGHT POST	(Light Post Symbol)	(Light Post Symbol)	POST	(Post Symbol)	(Post Symbol)
EDGE OF PAVEMENT	(Edge of Pavement Symbol)	(Edge of Pavement Symbol)	SIGN	(Sign Symbol)	(Sign Symbol)
EDGE OF UNPAVED ROAD	(Edge of Unpaved Road Symbol)	(Edge of Unpaved Road Symbol)	BENCH MARK	(Bench Mark Symbol)	(Bench Mark Symbol)
SAFETY EDGE	(Safety Edge Symbol)	(Safety Edge Symbol)	TEST PIT	TP-1	TP-1
BERM	(Berm Symbol)	(Berm Symbol)	BORING	B-1	(Boring Symbol)
SIDEWALK	CONC. WALK	CONC. WALK	DRAINAGE DITCH / SWALE	(Ditch/Swale Symbol)	(Ditch/Swale Symbol)
BOULDER	(Boulder Symbol)	(Boulder Symbol)	MAILBOX	(Mailbox Symbol)	(Mailbox Symbol)
STONE WALL	(Stone Wall Symbol)	(Stone Wall Symbol)	FENCE	X	X
RETAINING WALL	RET. WALL	RET. WALL			

ITEMS SHOWN IN THE LEGEND MAY NOT BE PRESENT IN THESE PLANS

ABBREVIATIONS

AC	ASBESTOS CEMENT PIPE	IP	IRON PIPE
BC	BITUMINOUS CONCRETE, BOTTOM OF CURB	LF	LINEAR FEET
BIT	BITUMINOUS	LPS	LOW PRESSURE SEWER
BLDG	BUILDING	LS	LUMP SUM
BM	BENCH MARK	MAX	MAXIMUM
CATV	CABLE TELEVISION	MB	MAIL BOX
CB	CATCH BASIN	MECH	MECHANICAL
CC	CONCRETE CURB	MH	MANHOLE
CI	CAST IRON	MIN	MINIMUM
CL	CENTERLINE	MISC	MISCELLANEOUS
CMP	CORRUGATED METAL PIPE	N	NORTH
CONC	CONCRETE	NF	NOT FOUND
CP	CONTROL POINT	NO OR #	NUMBER
CU FT	CUBIC FEET	PE	POLYETHYLENE
CY	CUBIC YARD	R	PROPERTY LINE
DI	DROP INLET, DUCTILE IRON	PVC	POLYVINYL CHLORIDE
DIA	DIAMETER	PR	PROPOSED
DMH	DRAIN MANHOLE	PVMT	PAVEMENT
E	ELECTRIC, EAST	RCP	REINFORCED CONCRETE PIPE
EA	EACH	ROW	RIGHT-OF-WAY
EL	ELEVATION	S	SEWER, SOUTH
EOP	EDGE OF PAVEMENT	SF	SQUARE FEET
EW	EACH WAY	SPEC	SPECIFICATIONS
EX	EXISTING	SQ FT	SQUARE FEET
FT	FEET, FOOT	SS	SEWER SERVICE
G	NATURAL GAS	STA	STATION
GALV	GALVANIZED	SW	SIDEWALK
GC	GRANITE CURB	T	TELEPHONE
H	HIGH	TBM	TEMPORARY BENCH MARK
HC	HOUSE CONNECTION	TC	TOP OF CURB
HDPE	HIGH DENSITY POLYETHYLENE	TYP	TYPICAL
HORZ	HORIZONTAL	UNO	UNLESS NOTED OTHERWISE
HP	HIGH PRESSURE	UP	UTILITY POLE
HYD	FIRE HYDRANT	VC	VITRIFIED CLAY
INV	INVERT	VERT	VERTICAL
ID	INSIDE DIAMETER	W	WATER, WEST, WIDE



**INDEX PLAN - COLONEL LEDYARD HIGHWAY
MULTI-USE PATHWAY**
SCALE 1"=200'

Project:
TOWN OF LEDYARD, CT

LEDYARD HIGH SCHOOL
MULTI-USE PATHWAY &
SIDEWALK EXTENSION
L171-0001

741 COLONEL LEDYARD HIGHWAY
LEDYARD, CT 06339

Weston & Sampson

Weston & Sampson Engineers, Inc.
712 Brook Street, Suite 103
Rocky Hill, CT 06067

978.532.1900 800.SAMPSON
www.westonandsampson.com

Consultants:

Revisions:

No.	Date	Description

Seal:

CON: COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY.

REPRODUCTION, RELEASE OR UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAW.

WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED HEREIN.

Issued For:

Scale: AS NOTED

Date: MAY 2023

Drawn By: NSD

Reviewed By: RC

Approved By: MJJ

W&S Project No.: ENG20-1119

W&S File No.:

Drawing Title:

**INDEX PLAN,
LEGEND, AND
GENERAL NOTES**

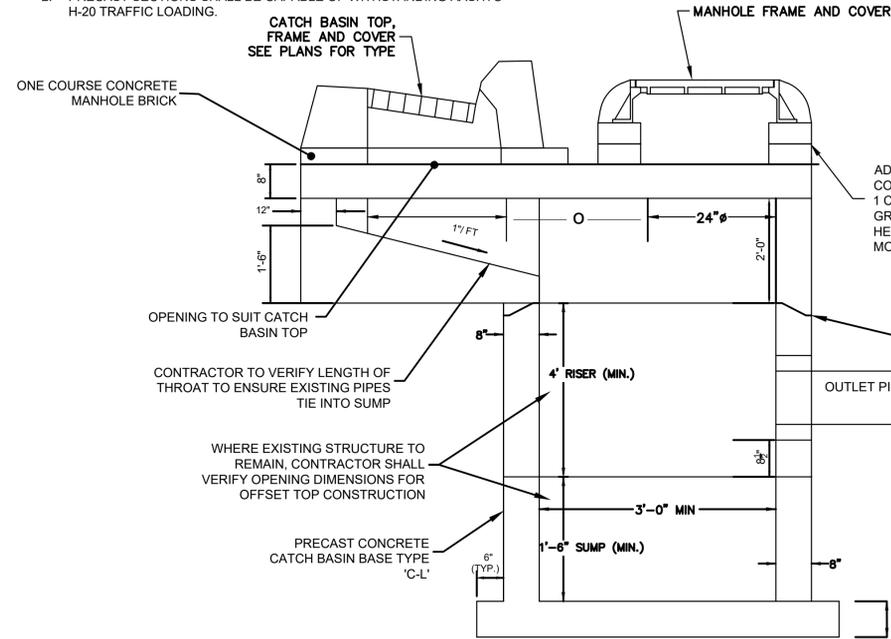
Sheet Number:

GEN-01

Rev. 1.6 Date: 04/10/2019

COPYRIGHT 2021 WESTON & SAMPSON

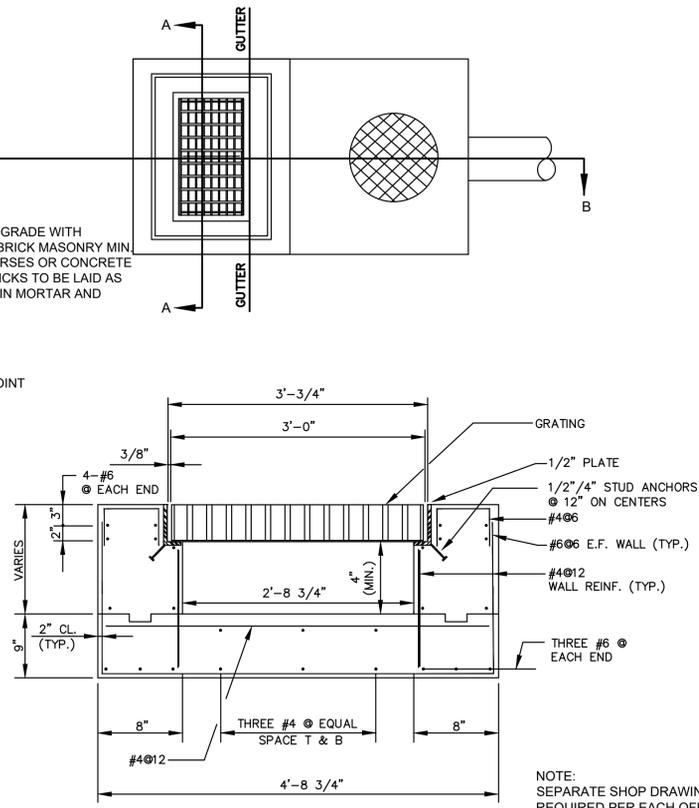
- NOTES
1. SET TOP SLAB TO MEET EXIST. SLOPE OF CURB LINE AND CROSS SLOPE OF SIDEWALK. ADJUST DIMENSIONS OF CAST-IN-PLACE SECTION.
 2. PRECAST SECTIONS SHALL BE CAPABLE OF WITHSTANDING AASHTO H-20 TRAFFIC LOADING.



SECTION B-B

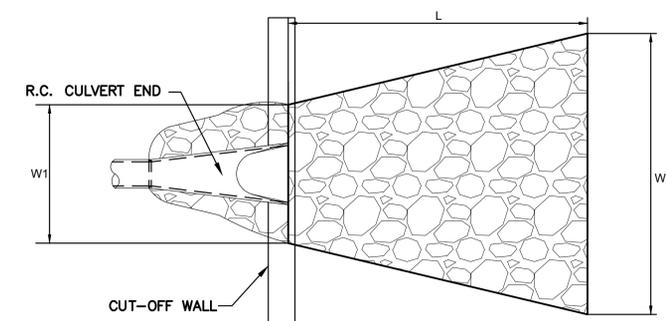
OFFSET CATCH BASIN
N.T.S.

ADJUST TO REQUIRED GRADE WITH CONCRETE MANHOLE BRICK MASONRY MIN. 1 COURSE, MAX. 3 COURSES OR CONCRETE GRADE RINGS. ALL BRICKS TO BE LAID AS HEADERS. SET FRAME IN MORTAR AND MORTAR ALL AROUND.

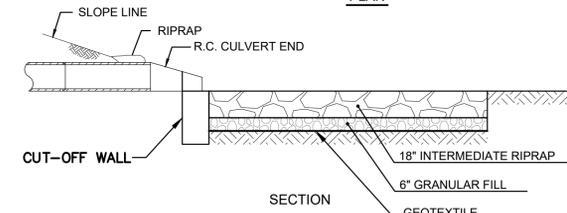


SECTION A-A

NOTE: SEPARATE SHOP DRAWINGS ARE REQUIRED PER EACH OFFSET CATCH BASIN AND OFFSET CATCH BASIN TOP.



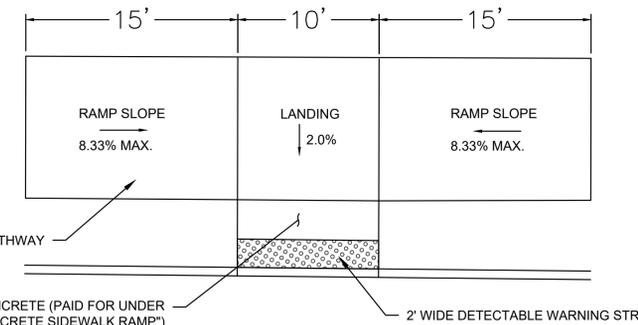
PLAN



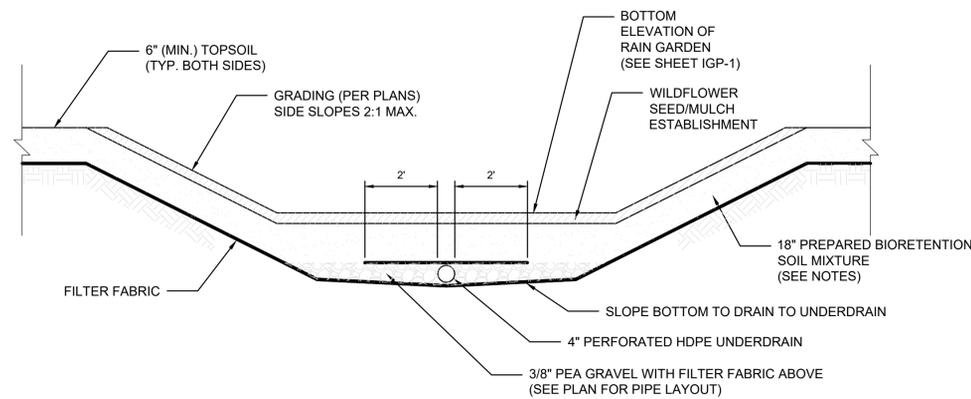
SECTION

DIMENSIONS			
STA	W1	W2	L
54+00	6'	10'	10'
60+10	5'	5'	6'

RIPRAP APRON
N.T.S.



MULTI-USE PATH RAMP
N.T.S.



BIO-RETENTION (RAIN GARDEN) DETAIL
N.T.S.

BIORETENTION SOIL MIXTURE SHALL BE A MIXTURE OF SAND COMPOST AND SOIL

50% SAND
30% TOPSOIL, AND
20% COMPOST.

THE SOIL MIX MUST BE UNIFORM, FREE OF STONES, STUMPS, ROOTS, OR SIMILAR OBJECTS LARGER THAN 2 INCHES. CLAY CONTENT SHOULD NOT EXCEED 5%. SOIL PH SHOULD GENERALLY BE BETWEEN 5.5-6.5, A RANGE THAT IS OPTIMAL FOR MICROBIAL ACTIVITY AND ADSORPTION OF NITROGEN, PHOSPHORUS, AND OTHER POLLUTANTS. USE SOILS WITH 1.5% TO 3% ORGANIC CONTENT AND MAXIMUM 500-PPM SOLUBLE SALTS.

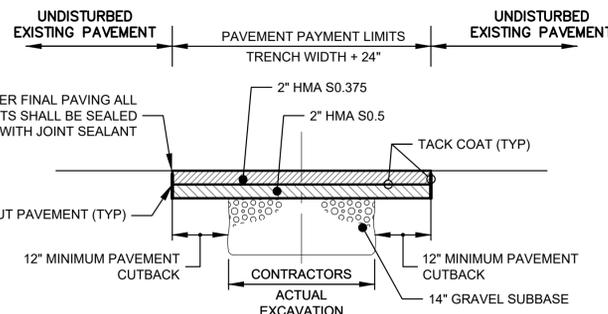
THE SAND COMPONENT SHOULD BE GRAVELLY SAND THAT MEETS ASTM D 422.

SIEVE SIZE	PERCENT PASSING
2-INCH	100
3/4-INCH	70-100
1/4-INCH	50-80
U.S. NO. 40	15-40
U.S. NO. 20	0-3

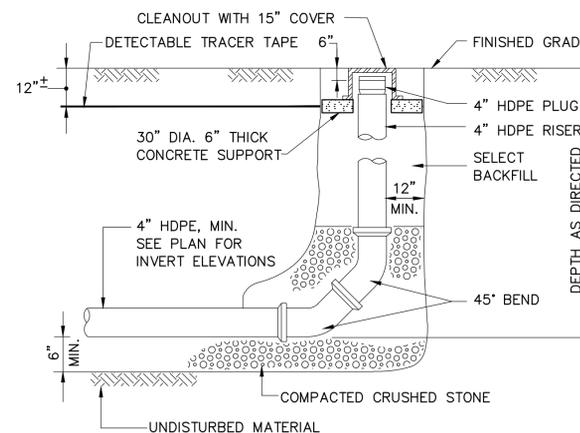
THE TOPSOIL COMPONENT SHALL BE A SANDY LOAM, LOAMY SAND OR LOAM MIXTURE.

CONSTRUCTION NOTES FOR BIORETENTION BASIN (RAIN GARDEN):

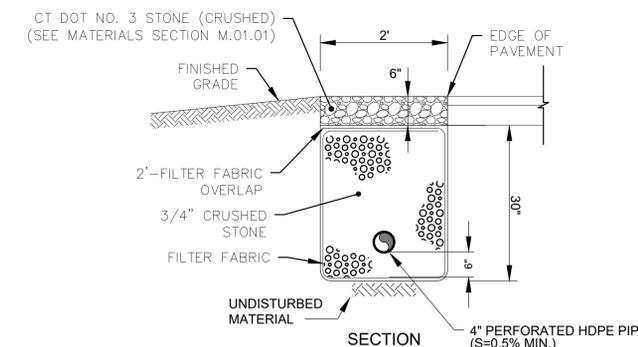
1. IN ORDER TO MINIMIZE SEDIMENT IMPACT ON THE ABILITY OF THE PROPOSED BASINS TO INFILTRATE, THE CONSTRUCTION OF THE BASINS SHALL BE DONE DURING THE LATE STAGES OF SITE WORK ONCE ALL UPGRADIENT AREAS HAVE BEEN STABILIZED WITH A FIRST COURSE OF BITUMINOUS PAVING AND VEGETATIVE STABILIZATION HAS BEEN ACHIEVED.
2. INSTALL SEDIMENTATION CONTROL SYSTEM AROUND THE PERIMETER OF THE BASINS TO PREVENT SEDIMENT LADEN WATER FROM ENTERING THE BASIN.
3. CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED TO DRIVE OVER THE AREA INTENDED TO SERVE AS INFILTRATION. STOCKPILING OF MATERIAL SHALL NOT BE ALLOWED OVER THESE AREAS AS WELL.
4. ONLY LOW GROUND PRESSURE EQUIPMENT SHALL BE USED TO EXCAVATE THE BASINS TO MINIMIZE COMPACTION OF SOILS BENEATH BASIN FLOOR AND SIDE SLOPES.
5. THE BASINS SHALL NOT BE CONSTRUCTED DURING OR IMMEDIATELY AFTER A RAIN EVENT OR CONSTRUCTED DURING SATURATED CONDITIONS.
6. THE ENGINEER SHALL BE CONTACTED IMMEDIATELY IF NON-NATIVE FILL, LEDGE, OR UNSUITABLE MATERIAL IS ENCOUNTERED AT THE PROPOSED BOTTOM OF THE BASINS PRIOR TO CONSTRUCTION.



PERMANENT TRENCH PAVEMENT REPLACEMENT DETAIL
N.T.S.



CLEANOUT DETAIL
N.T.S.



STONE TRENCH (PRE-TREATMENT)
NOT TO SCALE



No.	Date	Description

Consultants:

Revisions:

No.	Date	Description

Seal:

COA:
COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE
EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
LISTED ON THIS DRAWING ONLY.
REPRODUCTION, RELEASE OF UTILIZATION OF THE
DRAWING CONTENT BY OTHER CLIENTS, FIRMS AND
ON OTHER PROJECTS IS PROHIBITED BY LAW.
WESTON & SAMPSON RETAINS THE EXCLUSIVE USE
OF THE INTELLECTUAL PROPERTY CONTAINED
HEREIN.

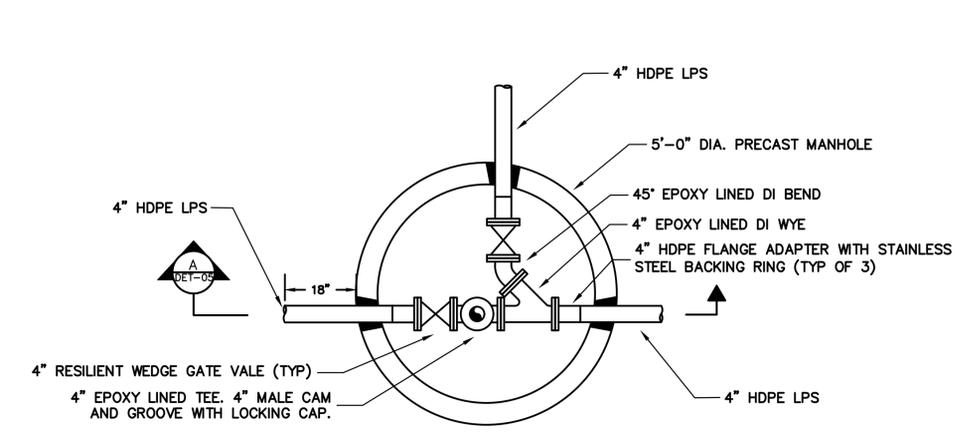
Issued For:

Scale: AS NOTED
Date: MAY 2023
Drawn By: NSD
Reviewed By: RC
Approved By: MJJ

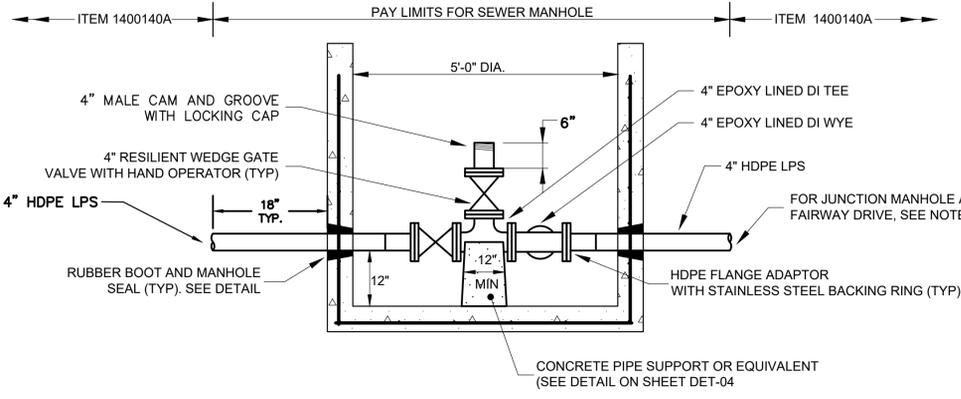
W&S Project No.: ENG20-1119
W&S File No.:

Drawing Title:
LOW PRESSURE SEWER DETAILS

Sheet Number:
DET-05



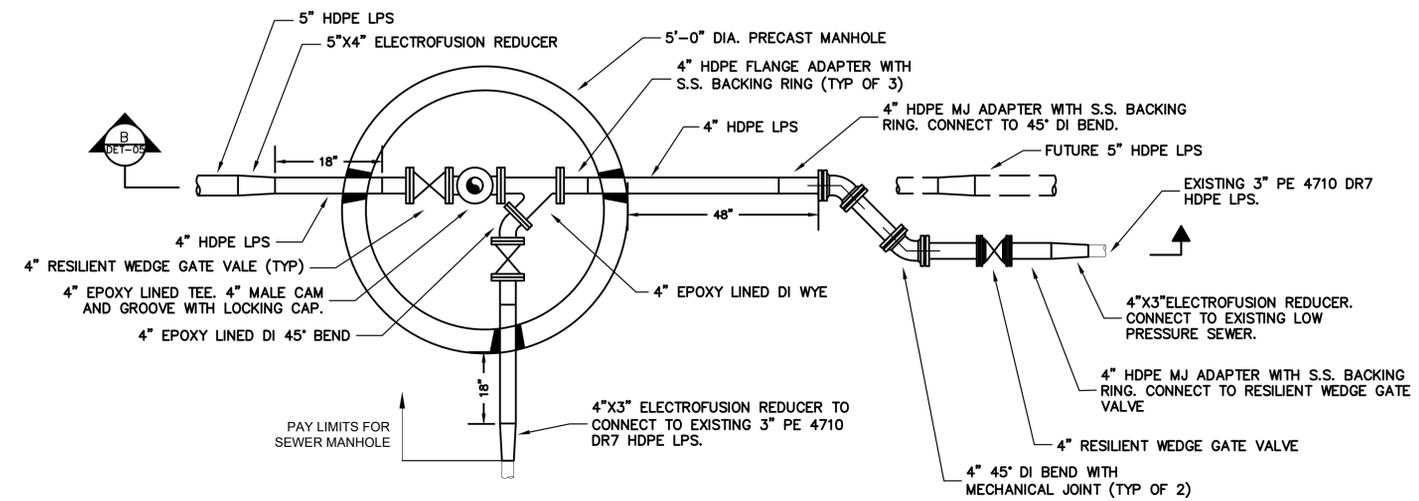
PLAN
N.T.S.



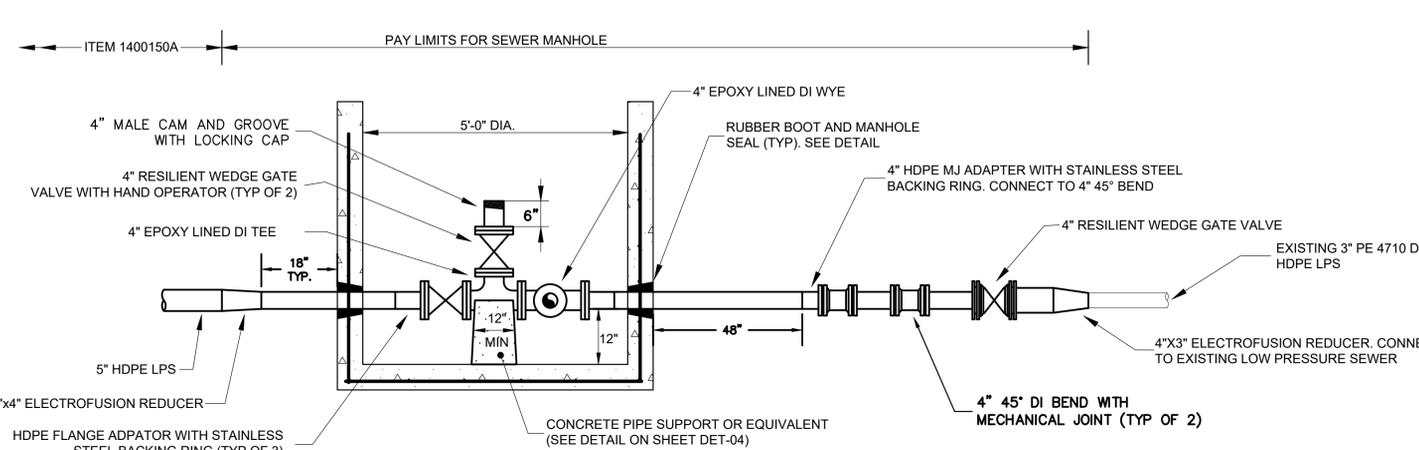
SECTION A
N.T.S.

LOW PRESSURE SEWER JUNCTION MANHOLE
N.T.S.

NOTE: 1) ALL MANHOLE MATERIALS TO BE AS SHOWN ON TYPICAL PRECAST MANHOLE DETAIL.
2) FOR JUNCTION MANHOLE AT FAIRWAY DRIVE, 5"x4" ELECTROFUSION REDUCER TO BE INCLUDED IN PAYMENT LIMITS FOR SEWER MANHOLE.



PLAN
N.T.S.

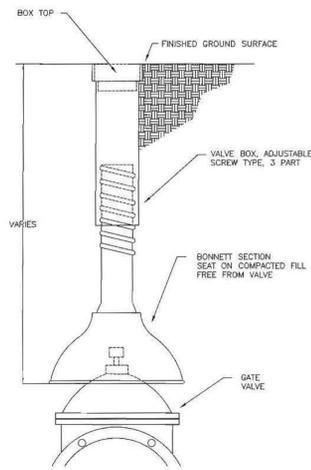


SECTION B
N.T.S.

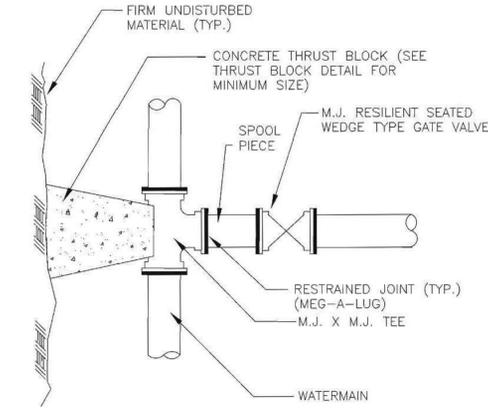
LOW PRESSURE SEWER "HIGH SCHOOL" MANHOLE
N.T.S.

NOTE: 1) ALL MANHOLE MATERIALS TO BE AS SHOWN ON TYPICAL PRECAST MANHOLE DETAIL.

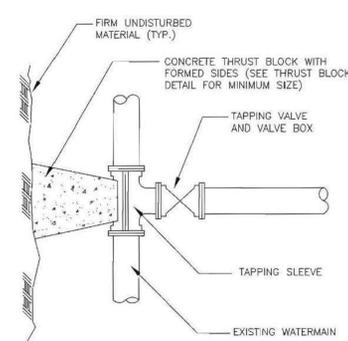
PAYMENT LIMITS FOR "SEWER MANHOLE - ITEM 1403001A" MAY VARY. SEE RESPECTIVE SEWER MANHOLE DETAILS FOR LIMITS AS DEFINED.



GATE BOX DETAIL
NOT TO SCALE

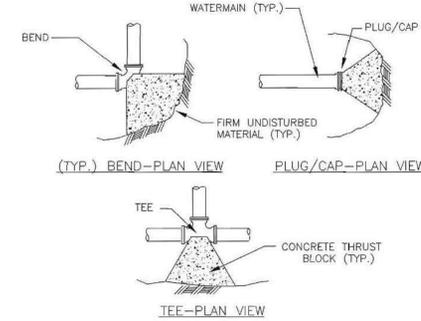


GATE VALVE CONNECTION DETAIL
NOT TO SCALE



TAPPING SLEEVE & VALVE DETAIL
NOT TO SCALE

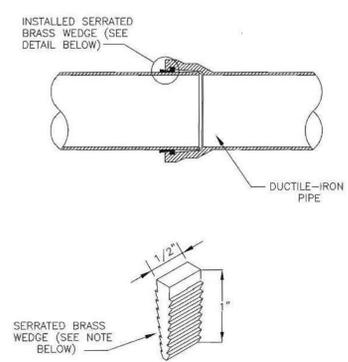
NOTE: CONTRACTOR TO VERIFY OUTSIDE DIAMETER OF EXISTING MAIN.



SIZE OF MAIN (IN.)	BEND (90)	BENDS (45 & UNDER)	TEES, CAPS OR PLUGS
8 & UNDER	6	3	4
10 & 12	12	6	9

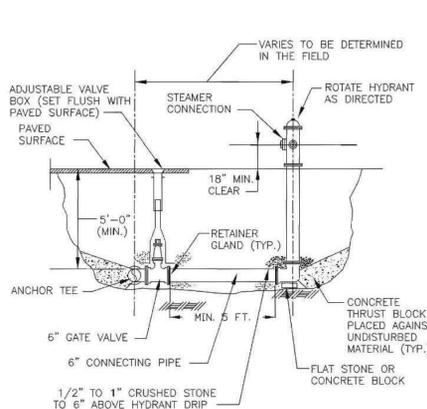
- NOTES:
1. CONCRETE FOR THRUST BLOCKS SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS.
 2. THRUST BLOCK BEARING AREAS TOO BE IN ACCORDANCE WITH TABLE, UNLESS DETERMINED OTHERWISE BY THE ENGINEER BECAUSE OF SOIL CONDITIONS.
 3. THRUST BLOCK SIDES SHALL BE FORMED WITH PLYWOOD.

THRUST BLOCK DETAILS
NOT TO SCALE

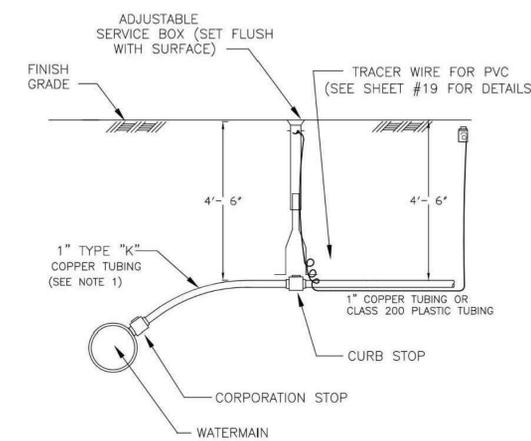


NOTE: BRASS WEDGES ARE TO BE INSTALLED ON ALL DUCTILE-IRON, PUSH-ON PIPING, INCLUDING HYDRANT BRANCHES, ETC., TO PROVIDE FOR ELECTRICAL THAWING. FOR 2" THROUGH 12" PIPE, TWO WEDGES SHALL BE USED PER JOINT; FOR LARGER DIAMETER PIPE FOUR WEDGES SHALL BE USED PER JOINT. EACH WEDGE IS DRIVEN INTO THE OPENING BETWEEN THE PLAIN END AND THE BELL UNTIL SNUG. WHEN FOUR WEDGES ARE USED, THEY ARE INSTALLED SIDE BY SIDE, IN PAIRS.

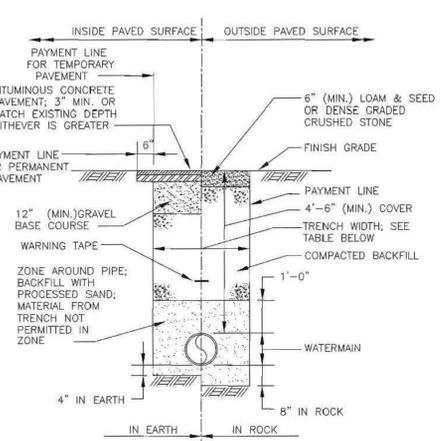
SERRATED BRASS WEDGE DETAIL
NOT TO SCALE



HYDRANT ASSEMBLY DETAIL
NOT TO SCALE



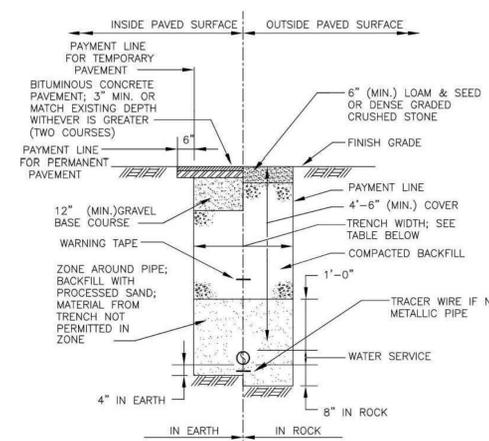
1. MINIMUM SIZE OF ANY WATER SERVICE INSTALLED FROM MAIN TO PROPERTY LINE SHALL BE 1".
 2. TYPE "K" COPPER TUBING MUST BE INSTALLED FROM MAIN TO PROPERTY LINE.
 3. TYPE "K" COPPER TUBING OR CLASS 200 PLASTIC TUBING MUST BE INSTALLED FROM PROPERTY LINE TO BUILDING WITH TRACER WIRE (SEE SHEET #19 FOR DETAILS).
 4. METER PIT MAY REPLACE CURB STOP BOX AND HOUSE METER IN BASEMENT.
 5. ALL JOINTS TO METER SHALL BE FLARED OR COMPRESSION TYPE.
 6. BUILDINGS WITHOUT BASEMENTS MUST HAVE EXTERIOR METER PITS.
 7. SERVICE LINES MUST BE CALKED INSIDE FOUNDATION WALL SLEEVE.
 8. BACKFILL: HAND-FILL WITH SAND OR EQUAL TO 12" ABOVE PIPE.
 9. TAPPED COLLARS MAY BE USED FOR SERVICE CONNECTIONS.
 10. ELECTRICAL GROUNDING WILL NOT BE PERMITTED ON ANY PORTION OF AN EXISTING COPPER WATER SERVICE PARTIALLY REPLACED BY PLASTIC PIPE.
- Pipe rating shall be class 200 water service pipe manufactured to meet or exceed requirements of water service tubing Class 200 (ASTM Standard D-2737 CTS-00). The pipe shall bear the emblem of National Sanitation Foundation for use in potable water systems. Class 200 water service pipe must be approved by I.A.P.M.D. for use as underground water service pipe and shall bear the seal of the Uniform Plumbing Code. The pipe must conform to the National Bureau of Standards Product Standards Requirements.
- (CTS-00 Indicates Copper Tubing Size, Outside Diameter)



PIPE DIA.	12" & UNDER	16"
TRENCH WIDTH	3'-0"	3'-4"

NOTE: PAYMENT FOR PAVEMENT INSTALLED BEYOND PAYMENT LINE WILL BE MADE ONLY WHEN SUCH INSTALLATION IS APPROVED BY THE ENGINEER.

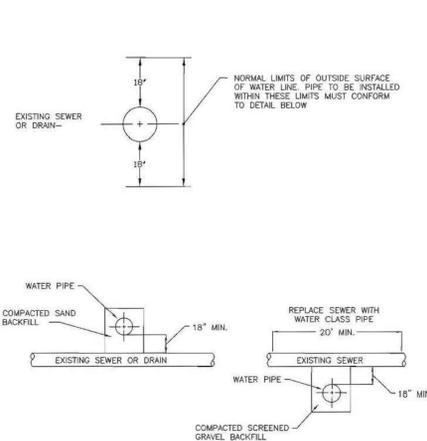
WATERMAIN TRENCH DETAIL
NOT TO SCALE



PIPE DIA.	2" & UNDER
TRENCH WIDTH	3'-0"

NOTE: PAYMENT FOR PAVEMENT INSTALLED BEYOND PAYMENT LINE WILL BE MADE ONLY WHEN SUCH INSTALLATION IS APPROVED BY THE ENGINEER.

WATER SERVICE TRENCH DETAIL
NOT TO SCALE



TYPICAL SEWER AND DRAIN CROSSING
NOT TO SCALE



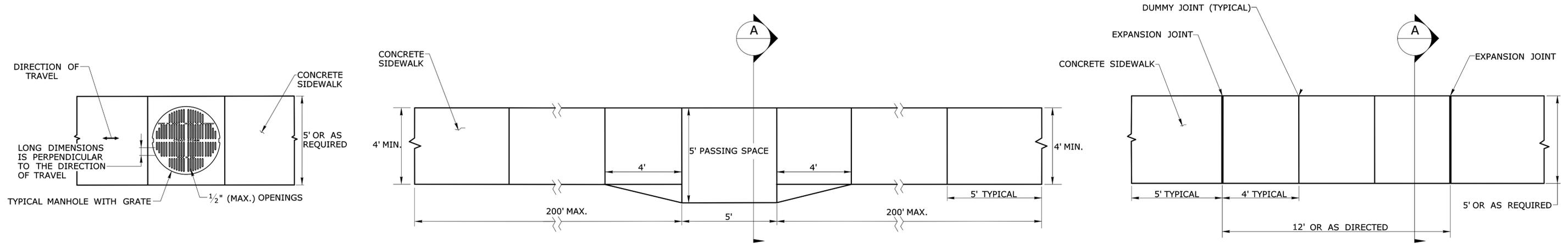
No.	Date	Description

COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE
EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
LISTED ON THIS DRAWING ONLY.

REPRODUCTION, RELEASE OR UTILIZATION OF THE
DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND
ON OTHER PROJECTS IS PROHIBITED BY LAW.

WESTON & SAMPSON RETAINS THE EXCLUSIVE USE
OF THE INTELLECTUAL PROPERTY CONTAINED
HEREIN.

- GENERAL NOTES:**
1. SEE CONCRETE SIDEWALK RAMPS GUIDE SHEETS FOR PEDESTRIAN RAMP TYPES.
 2. ALL CURBING SHALL BE INSTALLED AS EITHER PRECAST OR CAST IN PLACE AS DIRECTED.



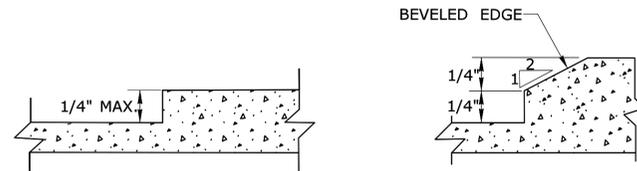
PEDESTRIAN ACCESS ROUTE OVER A MANHOLE WITH GRATE

1. HORIZONTAL OPENINGS IN GRATES AND JOINTS MUST NOT BE MORE THAN 1/2 INCH
2. ELONGATED OPENINGS IN GRATES MUST BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DIRECTION OF TRAVEL

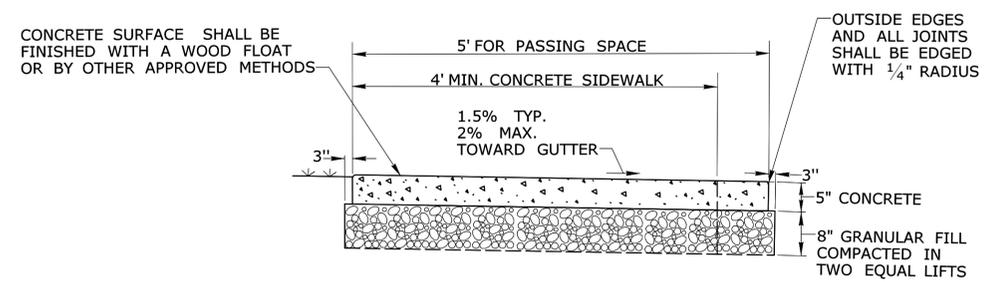
5' PASSING SPACE FOR 4' WIDE SIDEWALK PLAN

PASSING SPACES SHALL BE PROVIDED AT INTERVALS OF 200' MAXIMUM FOR SIDEWALKS LESS THAN 5' IN WIDTH

5' WIDE SIDEWALK PLAN

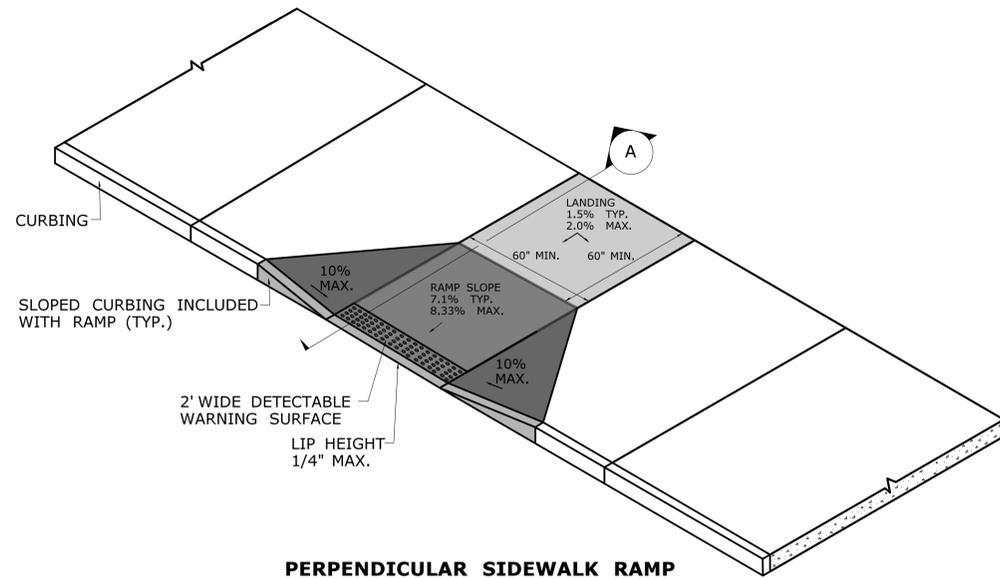


VERTICAL SURFACE DISCONTINUITIES
 VERTICAL SURFACE DISCONTINUITIES MUST BE BEVELED TO A HEIGHT NOT GREATER THAN 1/4 INCH. THE BEVEL MUST BE THE ENTIRE WIDTH OF THE DISCONTINUITY.

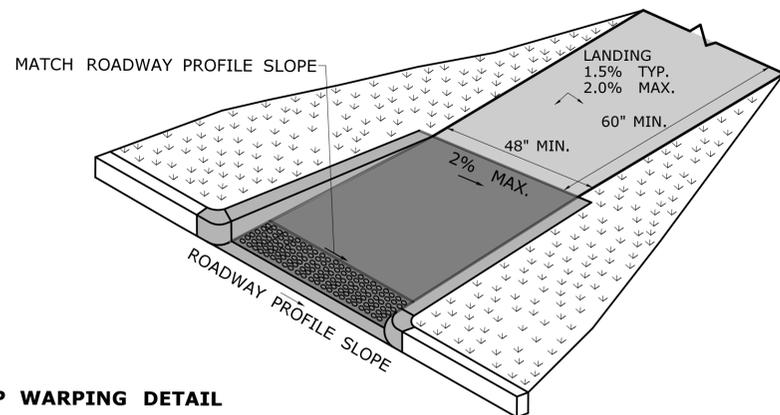
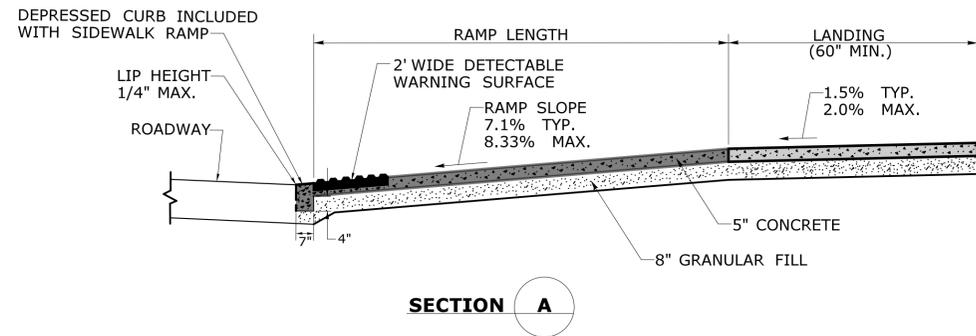


5' PASSING SPACE FOR 4' WIDE SIDEWALK

SECTION A

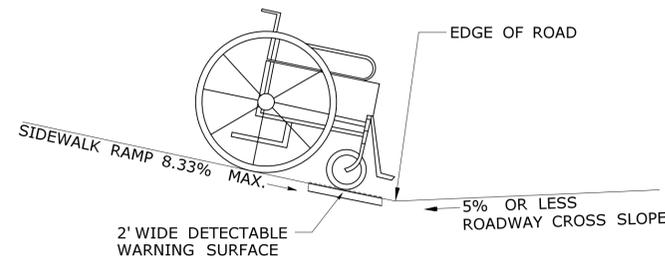


PERPENDICULAR SIDEWALK RAMP AND SECTION

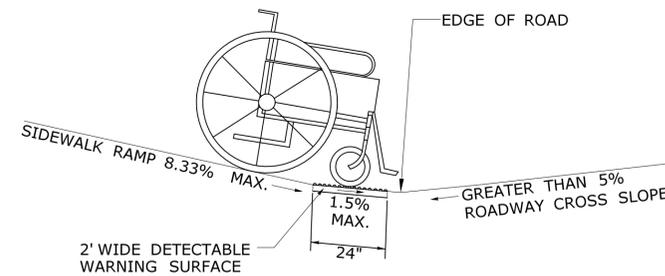


RAMP WARPING DETAIL

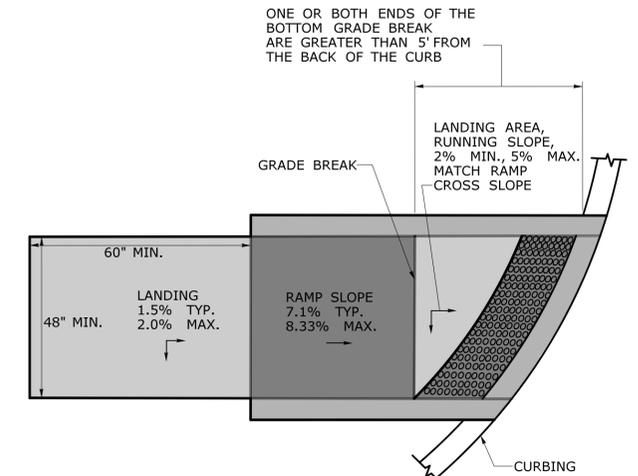
1. TRANSITION SIDEWALK RAMP TO MATCH ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3% PER FOOT CROSS SLOPE RATE OF CHANGE WHEN TRANSITIONING TO ROADWAY PROFILE.
2. COMPLETE TRANSITION TO ROADWAY PROFILE BEHIND DETECTABLE WARNING SURFACE.



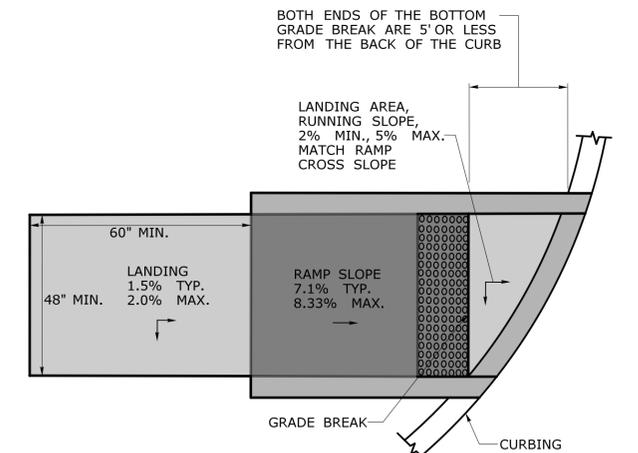
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF 5% OR LESS GUTTER COUNTER SLOPE



SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF GREATER THAN 5% GUTTER COUNTER SLOPE



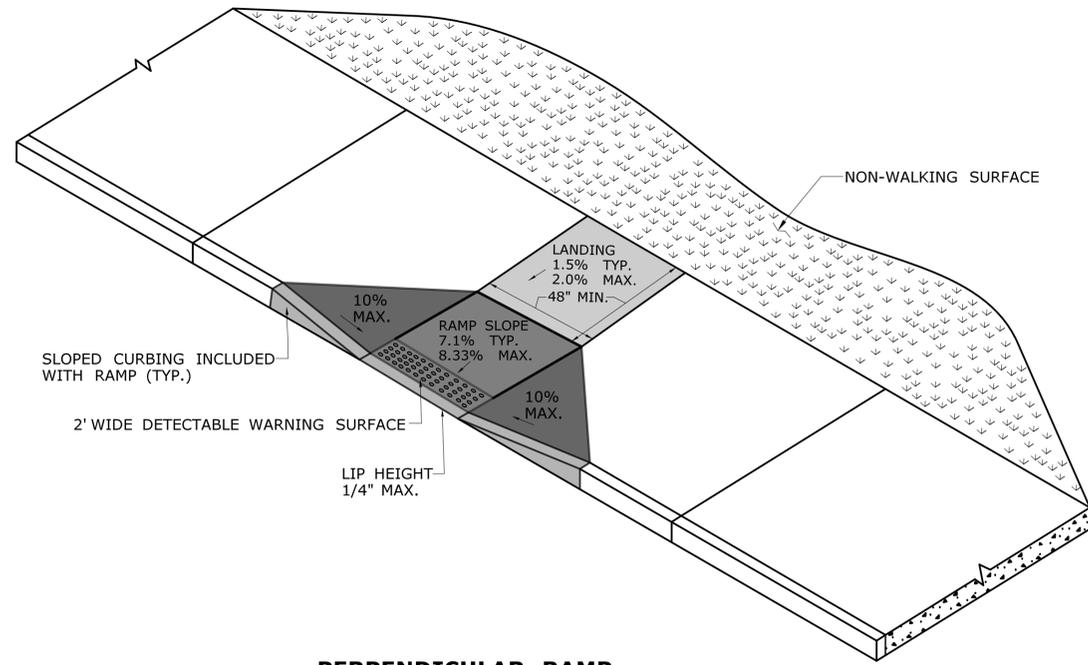
GRADE BREAK GREATER THAN 5' DETECTABLE WARNING SURFACE LOCATION



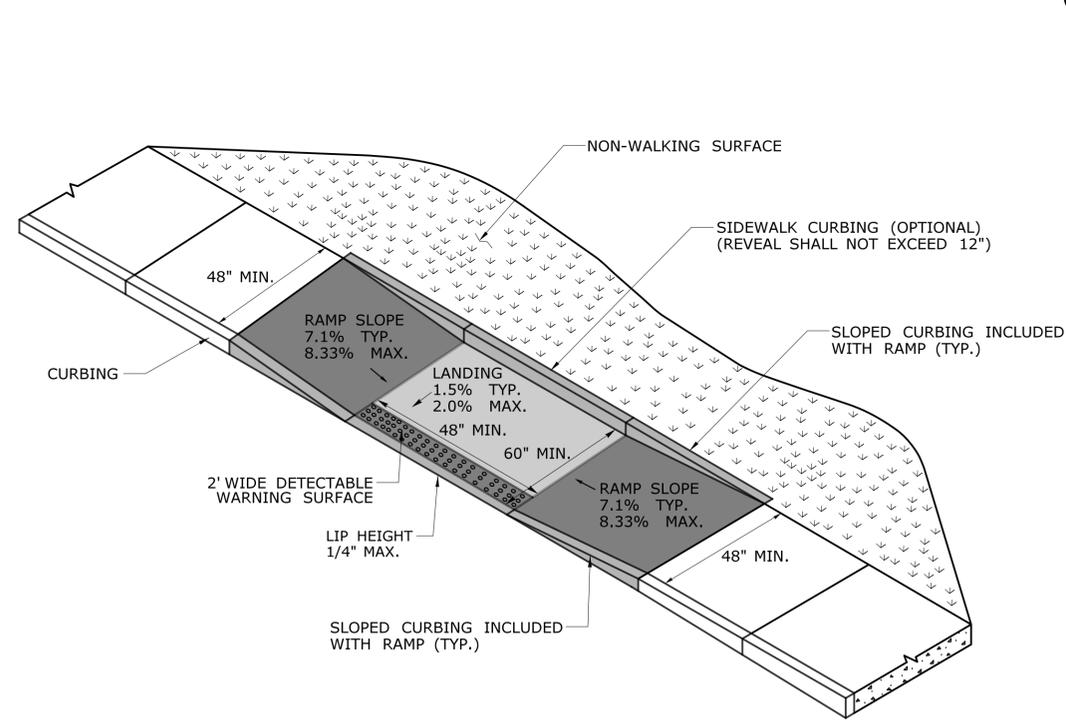
GRADE BREAK OF 5' OR LESS DETECTABLE WARNING SURFACE LOCATION

GENERAL NOTES:

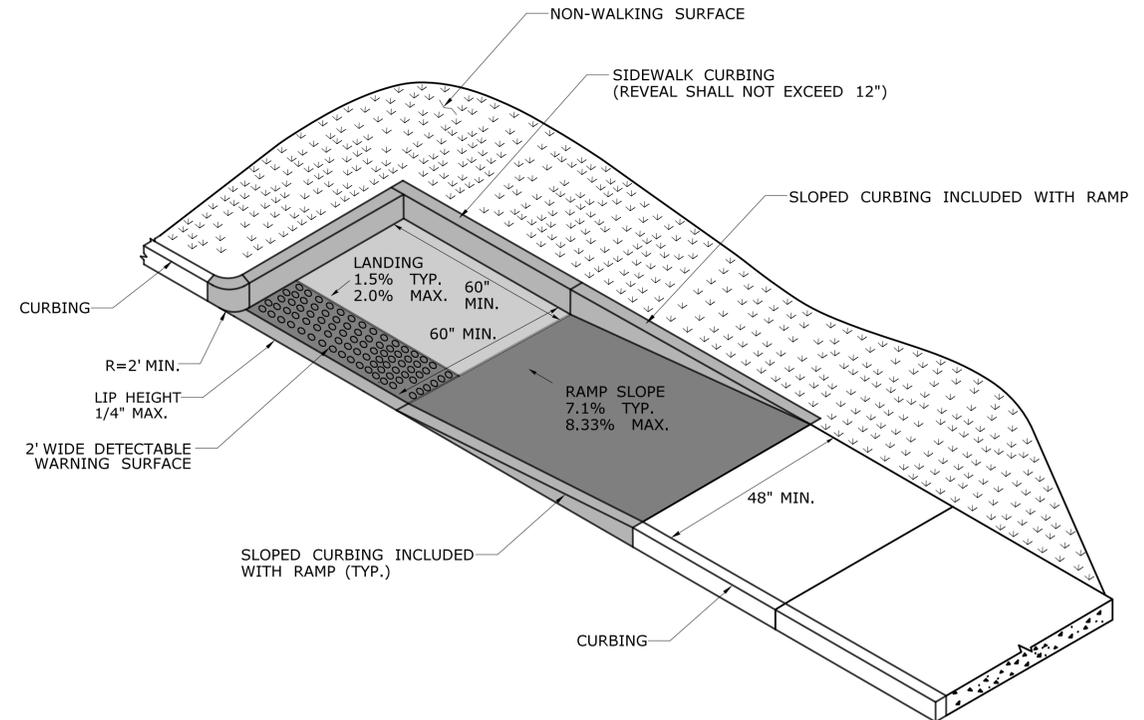
1. SIDEWALK RAMP SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED 1/4 INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.



PERPENDICULAR RAMP WITH 48" BY-PASS (TYPE 8)



PARALLEL RAMP WITHOUT NON-WALKING SURFACE (TYPE 9)



PARALLEL RAMP WITH LANDING AT BOTTOM ON CORNER (TYPE 10)

GENERAL NOTES:

1. LONGITUDINAL TRENCHING FOR JOINTED CONCRETE PAVEMENT:

A. IF THE LONGITUDINAL TRENCH FALLS BETWEEN THE SLAB CENTERLINE AND THE EDGE OF SLAB, REMOVE CONCRETE AND BITUMINOUS CONCRETE PAVEMENT FROM THE TRENCH EDGE TO THE EDGE OF ROAD. IF THE LONGITUDINAL TRENCH FALLS BETWEEN THE LONGITUDINAL JOINT AND THE SLAB CENTERLINE, REMOVE THE ENTIRE CONCRETE SLAB AND BITUMINOUS CONCRETE PAVEMENT TO THE EDGE OF ROAD. IN EITHER CASE REBUILD WITH THE FOLLOWING:

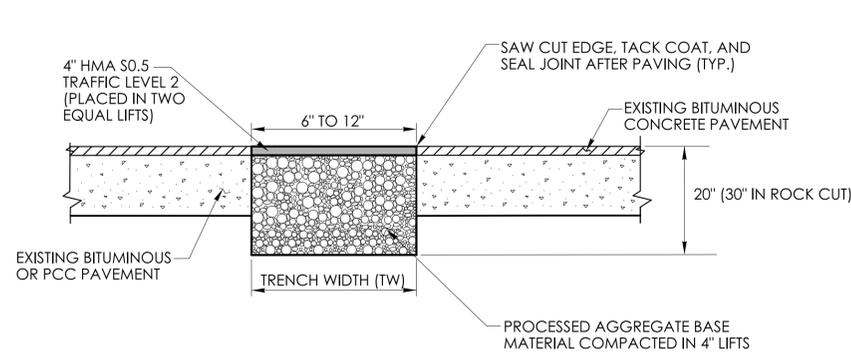
- a. PLACE HMA S1.0 TRAFFIC LEVEL 2 IN TWO EQUAL 4" - 5" LIFTS TO MATCH EXISTING CONCRETE PAVEMENT THICKNESS
- b. PLACE HMA S0.5 TRAFFIC LEVEL 2 IN 2" - 3" LIFTS TO MATCH EXISTING BITUMINOUS CONCRETE PAVEMENT THICKNESS, WITH THE FINAL LIFT BEING 2"

2. TRANSVERSE TRENCHING FOR JOINTED CONCRETE PAVEMENT:

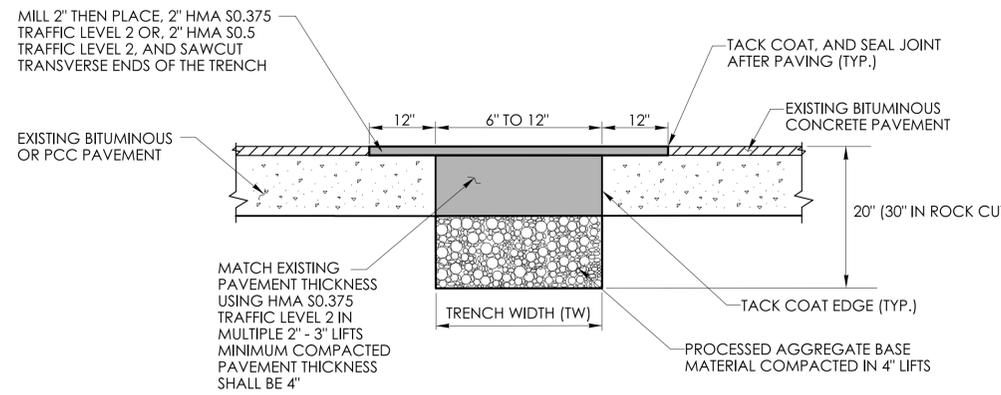
TABLE 1	
TOTAL SLAB LENGTH (L)	MIN. LENGTH REMAINING
40' OR LONGER	1/4 L
15' - 40'	10'
15' OR SHORTER	REBUILD TO NEAREST JOINT

A. FOR TRANSVERSE TRENCHES, THE MINIMUM SLAB LENGTH AS SHOWN IN TABLE 1 SHALL BE LEFT IN PLACE TO THE NEAREST TRANSVERSE JOINT. IF THIS CRITERIA CANNOT BE MET, THE EXISTING SLAB AREA FROM THE TRENCH EDGE TO THE NEAREST TRANSVERSE JOINT SHALL BE REMOVED AND REBUILT AS FOLLOWS:

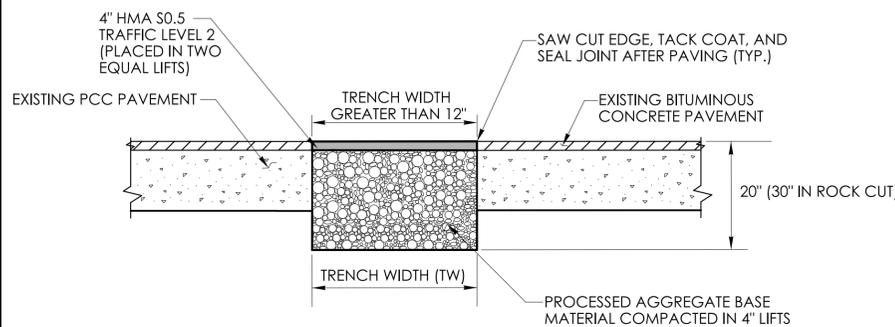
- a. PLACE HMA S1.0 TRAFFIC LEVEL 2 IN TWO EQUAL 4" - 5" LIFTS TO MATCH EXISTING CONCRETE PAVEMENT THICKNESS
- b. PLACE HMA S0.5 TRAFFIC LEVEL 2 IN 2" - 3" LIFTS TO MATCH EXISTING BITUMINOUS CONCRETE PAVEMENT THICKNESS, WITH THE FINAL LIFT BEING 2"



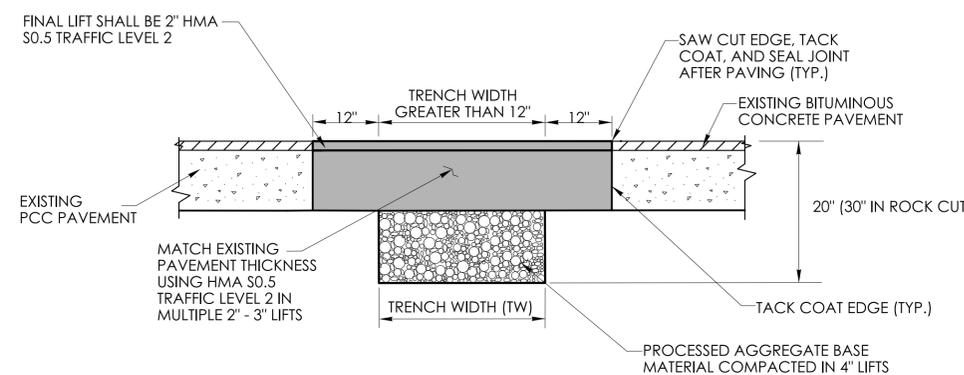
TEMPORARY PAVEMENT - FOR NARROW TRENCH THROUGH BITUMINOUS CONCRETE OR OVERLAID PORTLAND CEMENT CONCRETE (PCC) (TRENCH WIDTH BETWEEN 6" AND 12")



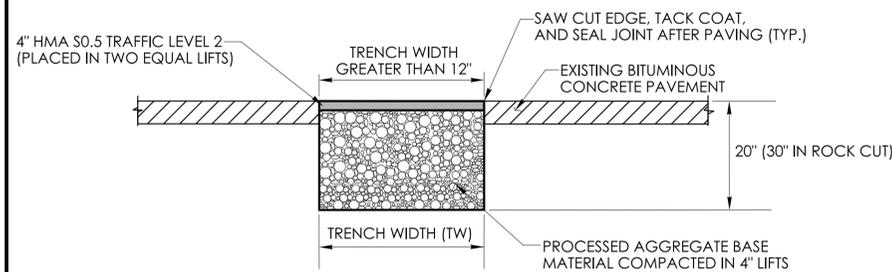
PERMANENT PAVEMENT - FOR NARROW TRENCH THROUGH BITUMINOUS CONCRETE OR OVERLAID PORTLAND CEMENT CONCRETE (PCC) (TRENCH WIDTH BETWEEN 6" AND 12")



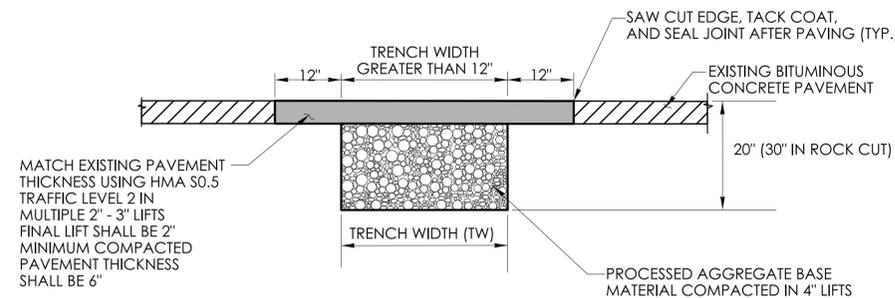
TEMPORARY PAVEMENT FOR TRENCH THROUGH OVERLAID PORTLAND CEMENT CONCRETE (PCC) (TRENCH WIDTH GREATER THAN 12")



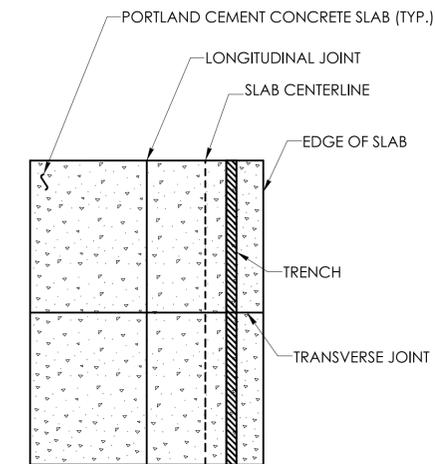
PERMANENT PAVEMENT FOR TRENCH THROUGH OVERLAID PORTLAND CEMENT CONCRETE (PCC) (TRENCH WIDTH GREATER THAN 12")



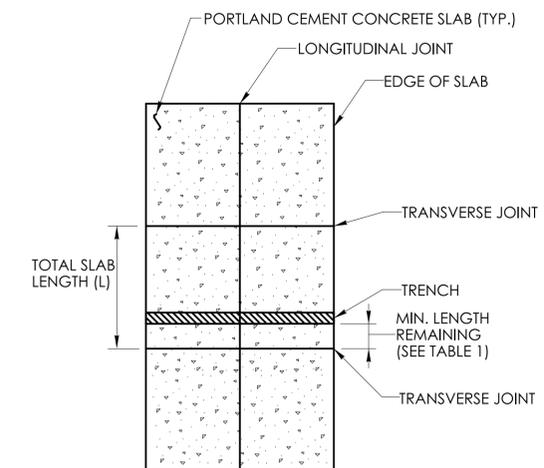
TEMPORARY PAVEMENT FOR TRENCH THROUGH BITUMINOUS CONCRETE (TRENCH WIDTH GREATER THAN 12")



PERMANENT PAVEMENT FOR TRENCH THROUGH BITUMINOUS CONCRETE



LONGITUDINAL TRENCHING FOR JOINTED CONCRETE PAVEMENT (SEE NOTE 1)



TRANSVERSE TRENCHING FOR JOINTED CONCRETE PAVEMENT (SEE NOTE 2)

REV.	DATE	REVISION DESCRIPTION

R1 - SERIES					R2 - SERIES					R3 - SERIES										R4 - SERIES					R5 - SERIES																																																																																																																																																																														
R1-1 LEGEND - WHITE BACKGROUND - RED <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>1.85</td><td>18</td><td>31-0532</td><td>1</td><td>.080</td></tr> <tr><td>5.19</td><td>30</td><td>31-0552</td><td>1</td><td>.080</td></tr> <tr><td>7.98</td><td>36</td><td>31-0553</td><td>1</td><td>.080</td></tr> <tr><td>13.3</td><td>48</td><td>31-0557</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	1.85	18	31-0532	1	.080	5.19	30	31-0552	1	.080	7.98	36	31-0553	1	.080	13.3	48	31-0557	2	.100	R2-1 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>5.00</td><td>24X30</td><td>31-5505</td><td>1</td><td>.080</td></tr> <tr><td>7.50</td><td>30X36</td><td>31-5504</td><td>1</td><td>.080</td></tr> <tr><td>12.00</td><td>36X48</td><td>31-5506</td><td>2</td><td>.100</td></tr> <tr><td>20.00</td><td>48X60</td><td>31-5507</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	5.00	24X30	31-5505	1	.080	7.50	30X36	31-5504	1	.080	12.00	36X48	31-5506	2	.100	20.00	48X60	31-5507	2	.100	R3-1 LEGEND - BLACK BACKGROUND - WHITE CIRCLE & DIAGONAL - RED <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>4.00</td><td>24X24</td><td>31-1604</td><td>1</td><td>.080</td></tr> <tr><td>9.00</td><td>36X36</td><td>31-1627</td><td>2</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	4.00	24X24	31-1604	1	.080	9.00	36X36	31-1627	2	.080	R3-5 31-0183 31-0184 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>7.50</td><td>30X36</td><td></td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	7.50	30X36		1	.080	R3-6 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>7.50</td><td>30X24</td><td>31-0175</td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	7.50	30X24	31-0175	1	.080	R3-8 31-0282 31-0283 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>7.50</td><td>36X30</td><td></td><td>2</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	7.50	36X30		2	.080	R3-8b <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>10.00</td><td>48X30</td><td>31-0302</td><td>2</td><td>.100</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	10.00	48X30	31-0302	2	.100	R4-1 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>6.25</td><td>30X30</td><td>31-1119</td><td>1</td><td>.080</td></tr> <tr><td>9.00</td><td>36X36</td><td>31-1120</td><td>2</td><td>.080</td></tr> <tr><td>16.00</td><td>48X48</td><td>31-1121</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30X30	31-1119	1	.080	9.00	36X36	31-1120	2	.080	16.00	48X48	31-1121	2	.100	R4-16 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>20.00</td><td>48X60</td><td>31-1574</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	20.00	48X60	31-1574	2	.100	R5-1 LEGEND - WHITE BACKGROUND - WHITE CIRCLE - RED <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>6.25</td><td>30X30</td><td>31-1119</td><td>1</td><td>.080</td></tr> <tr><td>9.00</td><td>36X36</td><td>31-1120</td><td>2</td><td>.080</td></tr> <tr><td>16.00</td><td>48X48</td><td>31-1121</td><td>2</td><td>.100</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30X30	31-1119	1	.080	9.00	36X36	31-1120	2	.080	16.00	48X48	31-1121	2	.100	R5-10a(CT) <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>9.00</td><td>36X36</td><td>31-1775</td><td>2</td><td>.100</td></tr> </tbody> </table>			AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36X36	31-1775	2	.100
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
1.85	18	31-0532	1	.080																																																																																																																																																																																																			
5.19	30	31-0552	1	.080																																																																																																																																																																																																			
7.98	36	31-0553	1	.080																																																																																																																																																																																																			
13.3	48	31-0557	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
5.00	24X30	31-5505	1	.080																																																																																																																																																																																																			
7.50	30X36	31-5504	1	.080																																																																																																																																																																																																			
12.00	36X48	31-5506	2	.100																																																																																																																																																																																																			
20.00	48X60	31-5507	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
4.00	24X24	31-1604	1	.080																																																																																																																																																																																																			
9.00	36X36	31-1627	2	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
7.50	30X36		1	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
7.50	30X24	31-0175	1	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
7.50	36X30		2	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
10.00	48X30	31-0302	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
6.25	30X30	31-1119	1	.080																																																																																																																																																																																																			
9.00	36X36	31-1120	2	.080																																																																																																																																																																																																			
16.00	48X48	31-1121	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
20.00	48X60	31-1574	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
6.25	30X30	31-1119	1	.080																																																																																																																																																																																																			
9.00	36X36	31-1120	2	.080																																																																																																																																																																																																			
16.00	48X48	31-1121	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
9.00	36X36	31-1775	2	.100																																																																																																																																																																																																			
R1-2 LEGEND - RED BACKGROUND - WHITE <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>0.97</td><td>18</td><td>31-0520</td><td>1</td><td>.080</td></tr> <tr><td>3.90</td><td>36</td><td>31-0523</td><td>1</td><td>.080</td></tr> <tr><td>6.77</td><td>48</td><td>31-0522</td><td>2</td><td>.100</td></tr> <tr><td>10.83</td><td>60</td><td>31-0528</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	0.97	18	31-0520	1	.080	3.90	36	31-0523	1	.080	6.77	48	31-0522	2	.100	10.83	60	31-0528	2	.100	R2-4a <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>32</td><td>48X96</td><td>31-5510</td><td>2</td><td>.125</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	32	48X96	31-5510	2	.125	R3-2 LEGEND - BLACK BACKGROUND - WHITE CIRCLE & DIAGONAL - RED <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>4.00</td><td>24X24</td><td>31-1603</td><td>1</td><td>.080</td></tr> <tr><td>9.00</td><td>36X36</td><td>31-1629</td><td>2</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	4.00	24X24	31-1603	1	.080	9.00	36X36	31-1629	2	.080	R3-6 31-0157 31-0158 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>7.50</td><td>30X36</td><td></td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	7.50	30X36		1	.080	R3-8 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>7.50</td><td>36X30</td><td>31-0290</td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	7.50	36X30	31-0290	1	.080	R3-8 31-0295 31-0219 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>7.50</td><td>36X30</td><td></td><td>2</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	7.50	36X30		2	.080	R3-8b 31-0307 31-0372 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>10.00</td><td>48X30</td><td></td><td>2</td><td>.100</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	10.00	48X30		2	.100	R4-3 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>5.00</td><td>24X30</td><td>31-1562</td><td>1</td><td>.080</td></tr> <tr><td>20.00</td><td>48X60</td><td>31-1564</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	5.00	24X30	31-1562	1	.080	20.00	48X60	31-1564	2	.100	R5-1a LEGEND - WHITE BACKGROUND - RED <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>6.00</td><td>36X24</td><td>31-1122</td><td>2</td><td>.080</td></tr> <tr><td>8.75</td><td>42X30</td><td>31-1123</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.00	36X24	31-1122	2	.080	8.75	42X30	31-1123	2	.100	R5-11 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>5.00</td><td>30X24</td><td>31-1790</td><td>1</td><td>.080</td></tr> <tr><td>20.00</td><td>48X36</td><td>31-1792</td><td>2</td><td>.100</td></tr> </tbody> </table>			AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	5.00	30X24	31-1790	1	.080	20.00	48X36	31-1792	2	.100																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
0.97	18	31-0520	1	.080																																																																																																																																																																																																			
3.90	36	31-0523	1	.080																																																																																																																																																																																																			
6.77	48	31-0522	2	.100																																																																																																																																																																																																			
10.83	60	31-0528	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
32	48X96	31-5510	2	.125																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
4.00	24X24	31-1603	1	.080																																																																																																																																																																																																			
9.00	36X36	31-1629	2	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
7.50	30X36		1	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
7.50	36X30	31-0290	1	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
7.50	36X30		2	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
10.00	48X30		2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
5.00	24X30	31-1562	1	.080																																																																																																																																																																																																			
20.00	48X60	31-1564	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
6.00	36X24	31-1122	2	.080																																																																																																																																																																																																			
8.75	42X30	31-1123	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
5.00	30X24	31-1790	1	.080																																																																																																																																																																																																			
20.00	48X36	31-1792	2	.100																																																																																																																																																																																																			
R1-3P LEGEND - WHITE BACKGROUND - RED <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>0.75</td><td>18X6</td><td>31-0508</td><td></td><td>.080</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	0.75	18X6	31-0508		.080	R3-3 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>4.00</td><td>24X24</td><td>31-1648</td><td>1</td><td>.080</td></tr> <tr><td>9.00</td><td>36X36</td><td>31-1647</td><td>2</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	4.00	24X24	31-1648	1	.080	9.00	36X36	31-1647	2	.080	R3-7 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>6.25</td><td>30X30</td><td>31-0117</td><td>1</td><td>.080</td></tr> <tr><td>9.00</td><td>36X36</td><td>31-0120</td><td>2</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30X30	31-0117	1	.080	9.00	36X36	31-0120	2	.080	R3-8 31-0222 31-0223 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>6.25</td><td>30X30</td><td></td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30X30		1	.080	R3-8 31-0279 2 .100 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>8.75</td><td>42X30</td><td>31-0279</td><td>2</td><td>.100</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	8.75	42X30	31-0279	2	.100	R3-8b 31-0334 2 .100 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>8.75</td><td>42X30</td><td>31-0334</td><td>2</td><td>.100</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	8.75	42X30	31-0334	2	.100	R4-7 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>5.00</td><td>24X30</td><td>31-1526</td><td>1</td><td>.080</td></tr> <tr><td>12.00</td><td>36X48</td><td>31-1536</td><td>2</td><td>.100</td></tr> <tr><td>20.00</td><td>48X60</td><td>31-1546</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	5.00	24X30	31-1526	1	.080	12.00	36X48	31-1536	2	.100	20.00	48X60	31-1546	2	.100	R5-10a(CT) LEGEND - BLACK TOP SECTION BACKGROUND - YELLOW BOTTOM SECTION BACKGROUND - WHITE <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>32.50</td><td>60X78</td><td>31-1719</td><td>2</td><td>.125</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	32.50	60X78	31-1719	2	.125																																																																											
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
0.75	18X6	31-0508		.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
4.00	24X24	31-1648	1	.080																																																																																																																																																																																																			
9.00	36X36	31-1647	2	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
6.25	30X30	31-0117	1	.080																																																																																																																																																																																																			
9.00	36X36	31-0120	2	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
6.25	30X30		1	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
8.75	42X30	31-0279	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
8.75	42X30	31-0334	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
5.00	24X30	31-1526	1	.080																																																																																																																																																																																																			
12.00	36X48	31-1536	2	.100																																																																																																																																																																																																			
20.00	48X60	31-1546	2	.100																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
32.50	60X78	31-1719	2	.125																																																																																																																																																																																																			
					R3-4 LEGEND - BLACK BACKGROUND - WHITE CIRCLE & DIAGONAL - RED <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>4.00</td><td>24X24</td><td>31-1622</td><td>1</td><td>.080</td></tr> <tr><td>9.00</td><td>36X36</td><td>31-1632</td><td>2</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	4.00	24X24	31-1622	1	.080	9.00	36X36	31-1632	2	.080	R3-7 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>6.25</td><td>30X30</td><td>31-0118</td><td>1</td><td>.080</td></tr> <tr><td>9.00</td><td>36X36</td><td>31-0123</td><td>2</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30X30	31-0118	1	.080	9.00	36X36	31-0123	2	.080	R3-8 31-0262 31-0261 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>6.25</td><td>30X30</td><td></td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30X30		1	.080	R3-8b 31-0370 31-0371 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>8.75</td><td>42X30</td><td></td><td>2</td><td>.100</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	8.75	42X30		2	.100																																																																																																																																									
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
4.00	24X24	31-1622	1	.080																																																																																																																																																																																																			
9.00	36X36	31-1632	2	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
6.25	30X30	31-0118	1	.080																																																																																																																																																																																																			
9.00	36X36	31-0123	2	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
6.25	30X30		1	.080																																																																																																																																																																																																			
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																																																																			
8.75	42X30		2	.100																																																																																																																																																																																																			

R6 - SERIES					R7 - SERIES					R8 - SERIES					R9 - SERIES					R10 - SERIES					R11 - SERIES					RETROREFLECTIVE STRIP																																																																																																																								
R6-1 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>3.00</td><td>36X12</td><td>31-1188</td><td>1</td><td>.080</td></tr> <tr><td>6.75</td><td>54X18</td><td>31-1189</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	3.00	36X12	31-1188	1	.080	6.75	54X18	31-1189	2	.100	R7-1 (R) (D) (L) LEGEND - RED BACKGROUND - WHITE <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>1.50</td><td>12X18</td><td>31-0630</td><td>1</td><td>.080</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	1.50	12X18	31-0630	1	.080	R8-7 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>12.00</td><td>48X36</td><td>31-0670</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	12.00	48X36	31-0670	2	.100	R9-3 LEGEND - BLACK BACKGROUND - WHITE CIRCLE & DIAGONAL - RED <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>2.25</td><td>18X18</td><td>31-1705</td><td>1</td><td>.080</td></tr> <tr><td>4.00</td><td>24X24</td><td>31-1769</td><td>1</td><td>.080</td></tr> <tr><td>6.25</td><td>30X30</td><td>31-1770</td><td>1</td><td>.080</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.25	18X18	31-1705	1	.080	4.00	24X24	31-1769	1	.080	6.25	30X30	31-1770	1	.080	R10-6 31-0801 31-0802 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>6.00</td><td>24X36</td><td></td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.00	24X36		1	.080	R10-11b <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>9.00</td><td>36X36</td><td>31-0816</td><td>2</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	9.00	36X36	31-0816	2	.080	R10-11c(CT) <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>7.50</td><td>30X36</td><td>31-0847</td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	7.50	30X36	31-0847	1	.080	R11-1 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>5.00</td><td>24X30</td><td>31-1915</td><td>1</td><td>.080</td></tr> <tr><td>20.00</td><td>48X60</td><td>31-1918</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	5.00	24X30	31-1915	1	.080	20.00	48X60	31-1918	2	.100	LEGEND - N/A BACKGROUND - RED <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>1.00</td><td>4X48</td><td>31-5003</td><td>1</td><td>.080</td></tr> <tr><td>2.00</td><td>4X72</td><td>31-5004</td><td>1</td><td>.080</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	1.00	4X48	31-5003	1	.080	2.00	4X72	31-5004	1	.080
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
3.00	36X12	31-1188	1	.080																																																																																																																																																		
6.75	54X18	31-1189	2	.100																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
1.50	12X18	31-0630	1	.080																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
12.00	48X36	31-0670	2	.100																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
2.25	18X18	31-1705	1	.080																																																																																																																																																		
4.00	24X24	31-1769	1	.080																																																																																																																																																		
6.25	30X30	31-1770	1	.080																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
6.00	24X36		1	.080																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
9.00	36X36	31-0816	2	.080																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
7.50	30X36	31-0847	1	.080																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
5.00	24X30	31-1915	1	.080																																																																																																																																																		
20.00	48X60	31-1918	2	.100																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
1.00	4X48	31-5003	1	.080																																																																																																																																																		
2.00	4X72	31-5004	1	.080																																																																																																																																																		
R6-1 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>3.00</td><td>36X12</td><td>31-1177</td><td>1</td><td>.080</td></tr> <tr><td>6.75</td><td>54X18</td><td>31-1178</td><td>2</td><td>.100</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	3.00	36X12	31-1177	1	.080	6.75	54X18	31-1178	2	.100	R7-2a VARIABLE TIMES (R) (D) (L) LEGEND - RED BACKGROUND - WHITE <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>1.50</td><td>12X18</td><td>31-0603</td><td>1</td><td>.080</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	1.50	12X18	31-0603	1	.080	R9-3a <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>1.50</td><td>12X18</td><td>31-1702</td><td>1</td><td>.080</td></tr> </tbody> </table>					AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	1.50	12X18	31-1702	1	.080	R10-7 <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>5.00</td><td>24X30</td><td>31-0806</td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	5.00	24X30	31-0806	1	.080	R10-10L <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>7.50</td><td>30X36</td><td>31-0852</td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	7.50	30X36	31-0852	1	.080	R10-15 31-1626 31-1625 LEGEND AND SYMBOLS - BLACK YIELD SYMBOL - RED BACKGROUND; TOP - FLUORESCENT YELLOW-GREEN BOTTOM - WHITE <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>6.25</td><td>30X30</td><td></td><td>1</td><td>.080</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	6.25	30X30		1	.080	NOTES: 1. THE LEGEND "O.S.T.A." SHALL APPEAR ON ALL R-SERIES SIGNS EXCEPT WHEN SUFFIXED WITH THE LETTER "Z". 2. FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERCTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS. 3. POSTS - SEE STANDARD SHEET TR-1208-02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS." 4. POSTS SHALL BE 4 LBS./FT. 5. SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED. 6. FOR OVERHEAD MOUNTED SIGNS, SEE STANDARD SHEET TR-1114-01 - "BONDING AND UTILITY POLE ATTACHMENT DETAILS, SIGN HANGER, "Y" CLAMP DETAIL." COLORS: BACKGROUND - WHITE - EXCEPT AS NOTED. LEGEND - BLACK - EXCEPT AS NOTED. ALL SIGNS TO USE TYPE IX RETROREFLECTIVE SHEETING WITH THE EXCEPTION OF OVERHEAD MOUNTED SIGNS AND SIGNS DESIGNATED WITH AN * WHICH SHALL BE TYPE XI RETROREFLECTIVE SHEETING.																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
3.00	36X12	31-1177	1	.080																																																																																																																																																		
6.75	54X18	31-1178	2	.100																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
1.50	12X18	31-0603	1	.080																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
1.50	12X18	31-1702	1	.080																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
5.00	24X30	31-0806	1	.080																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
7.50	30X36	31-0852	1	.080																																																																																																																																																		
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
6.25	30X30		1	.080																																																																																																																																																		
					R10-11a <table border="1"> <thead> <tr><th>AREA (SQ. FT.)</th><th>SIZE (INCHES)</th><th>CONN. D.O.T. #</th><th>POSTS</th><th>ALUM. THK.</th></tr> </thead> <tbody> <tr><td>7.50</td><td>30X36</td><td>31-0830</td><td>1</td><td>.080</td></tr> <tr><td>12.00</td><td>36X48</td><td>31-0819</td><td>2</td><td>.100</td></tr> </tbody> </table>		AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	7.50	30X36	31-0830	1	.080	12.00	36X48	31-0819	2	.100																																																																																																																																	
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																																																		
7.50	30X36	31-0830	1	.080																																																																																																																																																		
12.00	36X48	31-0819	2	.100																																																																																																																																																		

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.		DESIGNER/DRAFTER: A. MERMELESTEIN CHECKED BY: B. SCHILLING		 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION		SIGNATURE/BLOCK: OFFICE OF ENGINEERING APPROVED BY: _____ DATE: _____		PROJECT TITLE: LEDYARD HIGH SCHOOL MULTI-USE PATHWAY AND SIDEWALK EXTENSION		TOWN: LEDYARD		PROJECT NO. L171-0001 DRAWING NO. TR-GS_01 SHEET NO. DET-12	
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 10/14/2021		NOT TO SCALE		Filename: ...CTDOT_TRAFFIC_GS.dgn					

D1 - SERIES	D3 - SERIES	D4 - SERIES	D5 - SERIES	D7 - SERIES	D9 - SERIES	D10 - SERIES	RECREATIONAL RS - SERIES	E5 - SERIES	I - SERIES	INCIDENT MANAGEMENT																																																																																																										
<p>D1-1</p> <p>51-5202 Variable →</p> <p>D1-2</p> <p>51-5203 Variable →</p> <p>VARIABLE LEGEND & ARROW DIRECTION</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>5.00</td> <td>60X12</td> <td>51-5202</td> <td>2</td> <td>.100</td> </tr> <tr> <td>10.00</td> <td>60X24</td> <td>51-5203</td> <td>2</td> <td>.100</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	5.00	60X12	51-5202	2	.100	10.00	60X24	51-5203	2	.100	<p>D3-1</p> <p>Variable Road Name</p>	<p>D4-2</p> <p>VARIABLE ARROW DIRECTION</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>5.00</td> <td>24X30</td> <td>51-6006</td> <td>1</td> <td>.080</td> </tr> <tr> <td>7.50</td> <td>30X36</td> <td>51-6007</td> <td>1</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	5.00	24X30	51-6006	1	.080	7.50	30X36	51-6007	1	.080	<p>D4-2</p> <p>VARIABLE EXIT NUMBER</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>38.50</td> <td>84X66</td> <td>51-2082</td> <td>3</td> <td>.125</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	38.50	84X66	51-2082	3	.125	<p>D5-2b</p> <p>LEGEND - WHITE BACKGROUND - BLUE</p>	<p>D7-7</p> <p>51-6802 Variable →</p> <p>51-6803 Variable →</p> <p>W or W/O ARROW</p> <p>VARIABLE ARROW DIRECTION</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>4.17</td> <td>60X12</td> <td>51-6802</td> <td>2</td> <td>.100</td> </tr> <tr> <td>8.33</td> <td>60X24</td> <td>51-6803</td> <td>2</td> <td>.100</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	4.17	60X12	51-6802	2	.100	8.33	60X24	51-6803	2	.100	<p>D9-2</p> <p>** FOR ARROW SUBPLATES USE M5 & M6 SERIES</p>	<p>D10-4</p> <p>CARDINAL DIRECTION, SHIELD AND NUMERALS ARE VARIABLE</p>	<p>RS-054</p> <p>AREA SIZE CONN. D.O.T. # POSTS ALUM. THK.</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>4.00</td> <td>24X24</td> <td>51-6873</td> <td>1</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	4.00	24X24	51-6873	1	.080	<p>E5-1a</p> <p>FOR USE AT "NO NUMBERED" EXITS</p> <p>VARIABLE: RIVER, BROOK, CREEK</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>1.50</td> <td>18X12</td> <td>51-2009</td> <td>1</td> <td>.080</td> </tr> <tr> <td>4.50</td> <td>36X18</td> <td>51-2007</td> <td>2</td> <td>.080</td> </tr> <tr> <td>12.00</td> <td>48X36</td> <td>51-2051</td> <td>2</td> <td>.100</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	1.50	18X12	51-2009	1	.080	4.50	36X18	51-2007	2	.080	12.00	48X36	51-2051	2	.100	<p>I-3</p> <p>VARIABLE: RIVER, BROOK, CREEK</p> <p>CARDINAL DIRECTION VARIABLE - N, S, E, W</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>3.00</td> <td>12X36</td> <td>51-5103</td> <td>1</td> <td>.080</td> </tr> <tr> <td>4.00</td> <td>12X48</td> <td>51-5104</td> <td>1</td> <td>.080</td> </tr> <tr> <td>5.00</td> <td>12X60</td> <td>51-5105</td> <td>1</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	3.00	12X36	51-5103	1	.080	4.00	12X48	51-5104	1	.080	5.00	12X60	51-5105	1	.080	<p>SYMBOL - WHITE BACKGROUND - BLUE</p>
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
5.00	60X12	51-5202	2	.100																																																																																																																
10.00	60X24	51-5203	2	.100																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
5.00	24X30	51-6006	1	.080																																																																																																																
7.50	30X36	51-6007	1	.080																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
38.50	84X66	51-2082	3	.125																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
4.17	60X12	51-6802	2	.100																																																																																																																
8.33	60X24	51-6803	2	.100																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
4.00	24X24	51-6873	1	.080																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
1.50	18X12	51-2009	1	.080																																																																																																																
4.50	36X18	51-2007	2	.080																																																																																																																
12.00	48X36	51-2051	2	.100																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
3.00	12X36	51-5103	1	.080																																																																																																																
4.00	12X48	51-5104	1	.080																																																																																																																
5.00	12X60	51-5105	1	.080																																																																																																																
		<p>D4-2</p> <p>VARIABLE ARROW DIRECTION</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>5.00</td> <td>24X30</td> <td>51-6033</td> <td>1</td> <td>.080</td> </tr> <tr> <td>7.50</td> <td>30X36</td> <td>51-6034</td> <td>1</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	5.00	24X30	51-6033	1	.080	7.50	30X36	51-6034	1	.080	<p>D4-2</p> <p>VARIABLE EXIT NUMBER</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>38.50</td> <td>84X66</td> <td>51-2095</td> <td>3</td> <td>.125</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	38.50	84X66	51-2095	3	.125	<p>D4-2</p> <p>LEGEND - WHITE BACKGROUND - BLUE</p>	<p>51-6705 DIESEL →</p> <p>51-6706 FOOD →</p> <p>51-6708 GAS →</p> <p>51-6709 LODGING →</p>	<p>RS-117</p> <p>AREA SIZE CONN. D.O.T. # POSTS ALUM. THK.</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.25</td> <td>36X9</td> <td></td> <td>2</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.25	36X9		2	.080	<p>E5-1a</p> <p>51-6125</p> <p>51-6124</p> <p>VARIABLE: TOWN / CITY</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>32.50</td> <td>78X60</td> <td></td> <td>2</td> <td>.125</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	32.50	78X60		2	.125	<p>(Town Name)</p> <p>(INCORPORATED) (DATE)</p> <p>TOWN LINE</p> <p>SYMBOL - WHITE BACKGROUND - BLUE</p>																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
5.00	24X30	51-6033	1	.080																																																																																																																
7.50	30X36	51-6034	1	.080																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
38.50	84X66	51-2095	3	.125																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
2.25	36X9		2	.080																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
32.50	78X60		2	.125																																																																																																																
		<p>D4-2</p> <p>VARIABLE ARROW DIRECTION</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>5.00</td> <td>24X30</td> <td>51-6044</td> <td>1</td> <td>.080</td> </tr> <tr> <td>7.50</td> <td>30X36</td> <td>51-6045</td> <td>1</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	5.00	24X30	51-6044	1	.080	7.50	30X36	51-6045	1	.080	<p>D4-2</p> <p>VARIABLE EXIT NUMBER</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>38.50</td> <td>84X66</td> <td>51-2097</td> <td>3</td> <td>.125</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	38.50	84X66	51-2097	3	.125		<p>51-5405 STATE POLICE →</p> <p>51-6714 CAMPING →</p> <p>51-6960 INFO →</p>	<p>51-2705</p> <p>51-2706 L or R</p>	<p>E5-1a</p> <p>51-6127</p> <p>51-6126</p> <p>AREA SIZE CONN. D.O.T. # POSTS ALUM. THK.</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.19</td> <td>21X15</td> <td>51-2705</td> <td></td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2706</td> <td></td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.19	21X15	51-2705		.080	2.19	21X15	51-2706		.080	<p>I-7</p> <p>51-6504 Variable</p> <p>51-6505 Variable</p> <p>TO BE SUBMOUNTED W/ 51-5943</p> <p>LEGEND - WHITE BACKGROUND - BLUE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>0.75</td> <td>18X6</td> <td>51-6504</td> <td></td> <td>.080</td> </tr> <tr> <td>1.50</td> <td>18X12</td> <td>51-6505</td> <td></td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	0.75	18X6	51-6504		.080	1.50	18X12	51-6505		.080																																																					
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
5.00	24X30	51-6044	1	.080																																																																																																																
7.50	30X36	51-6045	1	.080																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
38.50	84X66	51-2097	3	.125																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
2.19	21X15	51-2705		.080																																																																																																																
2.19	21X15	51-2706		.080																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
0.75	18X6	51-6504		.080																																																																																																																
1.50	18X12	51-6505		.080																																																																																																																
			<p>D4-2</p> <p>VARIABLE EXIT NUMBER</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>38.50</td> <td>84X66</td> <td>51-2099</td> <td>3</td> <td>.125</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	38.50	84X66	51-2099	3	.125				<p>E5-1a</p> <p>51-6129</p> <p>51-6128</p> <p>LEGEND - BLACK BACKGROUND - WHITE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>57.50</td> <td>138X60</td> <td></td> <td>2</td> <td>.125</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	57.50	138X60		2	.125	<p>PARKING AREA PATROLLED</p>																																																																																								
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
38.50	84X66	51-2099	3	.125																																																																																																																
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																
57.50	138X60		2	.125																																																																																																																

M1 - SERIES	M2 - SERIES	M3 - SERIES	M4 - SERIES	M5 - SERIES	M6 - SERIES																																																																																																																														
<p>M1-1</p> <p>51-6662</p> <p>51-6666</p> <p>VARIABLE: 1 or 2 DIGITS</p> <p>LEGEND - WHITE BACKGROUND - RED & BLUE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>3.20</td> <td>24X24</td> <td>51-6662</td> <td>1</td> <td>.080</td> </tr> <tr> <td>3.99</td> <td>30X24</td> <td>51-6663</td> <td>1</td> <td>.080</td> </tr> <tr> <td>7.20</td> <td>36X36</td> <td>51-6666</td> <td>2</td> <td>.080</td> </tr> <tr> <td>8.99</td> <td>45X36</td> <td>51-6667</td> <td>2</td> <td>.100</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	3.20	24X24	51-6662	1	.080	3.99	30X24	51-6663	1	.080	7.20	36X36	51-6666	2	.080	8.99	45X36	51-6667	2	.100	<p>M2-1</p>	<p>M3-1</p> <p>51-6663</p> <p>51-6667</p> <p>VARIABLE: 3 DIGITS</p> <p>LEGEND - WHITE BACKGROUND - RED & BLUE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.19</td> <td>21X15</td> <td>51-6640</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-6610</td> <td>(2)</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.19	21X15	51-6640	(1)	.080	2.19	21X15	51-6610	(2)	.080	<p>M3-4</p> <p>51-6664</p> <p>51-6645</p> <p>VARIABLE: 3 DIGITS</p> <p>LEGEND - WHITE BACKGROUND - RED & BLUE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.00</td> <td>24X12</td> <td>51-6651</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.00</td> <td>24X12</td> <td>51-6611</td> <td>(2)</td> <td>.080</td> </tr> <tr> <td>4.50</td> <td>36X18</td> <td>51-6655</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>4.50</td> <td>36X18</td> <td>51-6625</td> <td>(2)</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.00	24X12	51-6651	(1)	.080	2.00	24X12	51-6611	(2)	.080	4.50	36X18	51-6655	(1)	.080	4.50	36X18	51-6625	(2)	.080	<p>M4-5</p> <p>51-6654</p> <p>51-6614</p>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.00	24X12	51-6650	(1)	.080	2.00	24X12	51-6620	(2)	.080	<p>M5-1</p> <p>51-2690</p> <p>51-2630</p> <p>51-2691</p> <p>51-2631</p> <p>LEGEND - WHITE BACKGROUND - RED & BLUE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.19</td> <td>21X15</td> <td>51-2690</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2691</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2630</td> <td>(2)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2631</td> <td>(2)</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.19	21X15	51-2690	(1)	.080	2.19	21X15	51-2691	(1)	.080	2.19	21X15	51-2630	(2)	.080	2.19	21X15	51-2631	(2)	.080	<p>M6-1</p> <p>L or R</p> <p>51-2688</p> <p>51-2629</p> <p>51-2689</p> <p>51-2609</p> <p>LEGEND - WHITE BACKGROUND - RED & BLUE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.19</td> <td>21X15</td> <td>51-2686</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2626</td> <td>(2)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2627</td> <td>(2)</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.19	21X15	51-2686	(1)	.080	2.19	21X15	51-2626	(2)	.080	2.19	21X15	51-2627	(2)	.080
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
3.20	24X24	51-6662	1	.080																																																																																																																															
3.99	30X24	51-6663	1	.080																																																																																																																															
7.20	36X36	51-6666	2	.080																																																																																																																															
8.99	45X36	51-6667	2	.100																																																																																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
2.19	21X15	51-6640	(1)	.080																																																																																																																															
2.19	21X15	51-6610	(2)	.080																																																																																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
2.00	24X12	51-6651	(1)	.080																																																																																																																															
2.00	24X12	51-6611	(2)	.080																																																																																																																															
4.50	36X18	51-6655	(1)	.080																																																																																																																															
4.50	36X18	51-6625	(2)	.080																																																																																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
2.00	24X12	51-6650	(1)	.080																																																																																																																															
2.00	24X12	51-6620	(2)	.080																																																																																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
2.19	21X15	51-2690	(1)	.080																																																																																																																															
2.19	21X15	51-2691	(1)	.080																																																																																																																															
2.19	21X15	51-2630	(2)	.080																																																																																																																															
2.19	21X15	51-2631	(2)	.080																																																																																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
2.19	21X15	51-2686	(1)	.080																																																																																																																															
2.19	21X15	51-2626	(2)	.080																																																																																																																															
2.19	21X15	51-2627	(2)	.080																																																																																																																															
<p>M1-4</p> <p>51-6615</p> <p>51-6635</p> <p>VARIABLE: 1 or 2 DIGITS</p> <p>LEGEND - BLACK BACKGROUND - WHITE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>4.00</td> <td>24X24</td> <td>51-6615</td> <td>1</td> <td>.080</td> </tr> <tr> <td>5.00</td> <td>30X24</td> <td>51-6644</td> <td>1</td> <td>.080</td> </tr> <tr> <td>9.00</td> <td>36X36</td> <td>51-6635</td> <td>2</td> <td>.080</td> </tr> <tr> <td>11.25</td> <td>45X36</td> <td>51-6645</td> <td>2</td> <td>.100</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	4.00	24X24	51-6615	1	.080	5.00	30X24	51-6644	1	.080	9.00	36X36	51-6635	2	.080	11.25	45X36	51-6645	2	.100		<p>M3-2</p> <p>51-6644</p> <p>51-6645</p> <p>VARIABLE: 3 DIGITS</p> <p>LEGEND - BLACK BACKGROUND - WHITE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.00</td> <td>24X12</td> <td>51-6652</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.00</td> <td>24X12</td> <td>51-6612</td> <td>(2)</td> <td>.080</td> </tr> <tr> <td>4.50</td> <td>36X18</td> <td>51-6656</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>4.50</td> <td>36X18</td> <td>51-6626</td> <td>(2)</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.00	24X12	51-6652	(1)	.080	2.00	24X12	51-6612	(2)	.080	4.50	36X18	51-6656	(1)	.080	4.50	36X18	51-6626	(2)	.080	<p>M5-2</p> <p>51-2692</p> <p>51-2632</p> <p>51-2693</p> <p>51-2633</p> <p>LEGEND - WHITE BACKGROUND - RED & BLUE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.19</td> <td>21X15</td> <td>51-2692</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2693</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2632</td> <td>(2)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2633</td> <td>(2)</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.19	21X15	51-2692	(1)	.080	2.19	21X15	51-2693	(1)	.080	2.19	21X15	51-2632	(2)	.080	2.19	21X15	51-2633	(2)	.080	<p>M6-2</p> <p>51-2688</p> <p>51-2629</p> <p>51-2689</p> <p>51-2609</p> <p>LEGEND - WHITE BACKGROUND - RED & BLUE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.19</td> <td>21X15</td> <td>51-2688</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2689</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2628</td> <td>(2)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2629</td> <td>(2)</td> <td>.080</td> </tr> <tr> <td>4.38</td> <td>30X21</td> <td>51-2609</td> <td>(2)</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.19	21X15	51-2688	(1)	.080	2.19	21X15	51-2689	(1)	.080	2.19	21X15	51-2628	(2)	.080	2.19	21X15	51-2629	(2)	.080	4.38	30X21	51-2609	(2)	.080																						
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
4.00	24X24	51-6615	1	.080																																																																																																																															
5.00	30X24	51-6644	1	.080																																																																																																																															
9.00	36X36	51-6635	2	.080																																																																																																																															
11.25	45X36	51-6645	2	.100																																																																																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
2.00	24X12	51-6652	(1)	.080																																																																																																																															
2.00	24X12	51-6612	(2)	.080																																																																																																																															
4.50	36X18	51-6656	(1)	.080																																																																																																																															
4.50	36X18	51-6626	(2)	.080																																																																																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
2.19	21X15	51-2692	(1)	.080																																																																																																																															
2.19	21X15	51-2693	(1)	.080																																																																																																																															
2.19	21X15	51-2632	(2)	.080																																																																																																																															
2.19	21X15	51-2633	(2)	.080																																																																																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
2.19	21X15	51-2688	(1)	.080																																																																																																																															
2.19	21X15	51-2689	(1)	.080																																																																																																																															
2.19	21X15	51-2628	(2)	.080																																																																																																																															
2.19	21X15	51-2629	(2)	.080																																																																																																																															
4.38	30X21	51-2609	(2)	.080																																																																																																																															
<p>M1-5</p> <p>51-6616</p> <p>51-6636</p> <p>VARIABLE: 1 or 2 DIGITS</p> <p>LEGEND - BLACK BACKGROUND - WHITE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>4.00</td> <td>24X24</td> <td>51-6616</td> <td>1</td> <td>.080</td> </tr> <tr> <td>5.00</td> <td>30X24</td> <td>51-6647</td> <td>1</td> <td>.080</td> </tr> <tr> <td>9.00</td> <td>36X36</td> <td>51-6636</td> <td>2</td> <td>.080</td> </tr> <tr> <td>11.25</td> <td>45X36</td> <td>51-6646</td> <td>2</td> <td>.100</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	4.00	24X24	51-6616	1	.080	5.00	30X24	51-6647	1	.080	9.00	36X36	51-6636	2	.080	11.25	45X36	51-6646	2	.100		<p>M3-3</p> <p>51-6647</p> <p>51-6646</p> <p>VARIABLE: 3 DIGITS</p> <p>LEGEND - BLACK BACKGROUND - WHITE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.00</td> <td>24X12</td> <td>51-6653</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.00</td> <td>24X12</td> <td>51-6613</td> <td>(2)</td> <td>.080</td> </tr> <tr> <td>4.50</td> <td>36X18</td> <td>51-6657</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>4.50</td> <td>36X18</td> <td>51-6627</td> <td>(2)</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.00	24X12	51-6653	(1)	.080	2.00	24X12	51-6613	(2)	.080	4.50	36X18	51-6657	(1)	.080	4.50	36X18	51-6627	(2)	.080	<p>M6-3</p> <p>51-2685</p> <p>51-2625</p> <p>LEGEND - WHITE BACKGROUND - RED & BLUE</p> <table border="1"> <thead> <tr> <th>AREA (SQ. FT.)</th> <th>SIZE (INCHES)</th> <th>CONN. D.O.T. #</th> <th>POSTS</th> <th>ALUM. THK.</th> </tr> </thead> <tbody> <tr> <td>2.19</td> <td>21X15</td> <td>51-2685</td> <td>(1)</td> <td>.080</td> </tr> <tr> <td>2.19</td> <td>21X15</td> <td>51-2625</td> <td>(2)</td> <td>.080</td> </tr> </tbody> </table>	AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	2.19	21X15	51-2685	(1)	.080	2.19	21X15	51-2625	(2)	.080																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
4.00	24X24	51-6616	1	.080																																																																																																																															
5.00	30X24	51-6647	1	.080																																																																																																																															
9.00	36X36	51-6636	2	.080																																																																																																																															
11.25	45X36	51-6646	2	.100																																																																																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
2.00	24X12	51-6653	(1)	.080																																																																																																																															
2.00	24X12	51-6613	(2)	.080																																																																																																																															
4.50	36X18	51-6657	(1)	.080																																																																																																																															
4.50	36X18	51-6627	(2)	.080																																																																																																																															
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.																																																																																																																															
2.19	21X15	51-2685	(1)	.080																																																																																																																															
2.19	21X15	51-2625	(2)	.080																																																																																																																															

NOTES:

- FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERRECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
- POSTS - SEE STANDARD SHEET TR-1208.02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."
- POSTS SHALL BE 4 LBS./FT.
- SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED.

COLORS:

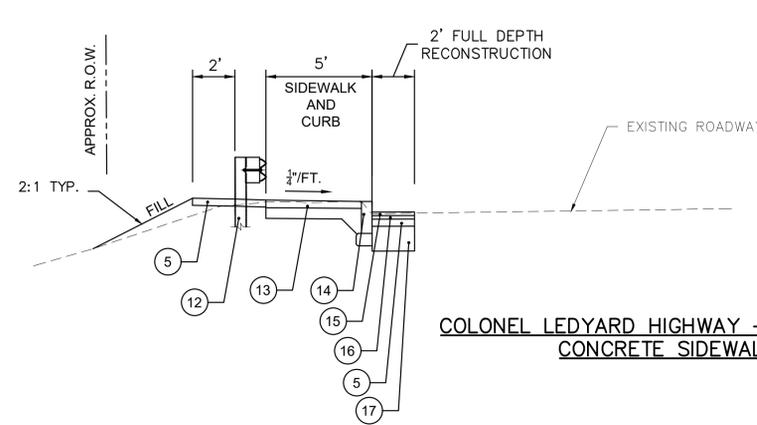
D - SERIES
D1, 2, 3, 4, 10 BACKGROUND-GREEN, LEGEND-WHITE
D7, RS BACKGROUND-BROWN, LEGEND-WHITE
D9 BACKGROUND-BLUE, LEGEND-WHITE
ALL OTHER D-SERIES AS NOTED

E - SERIES
BACKGROUND-GREEN, LEGEND-WHITE

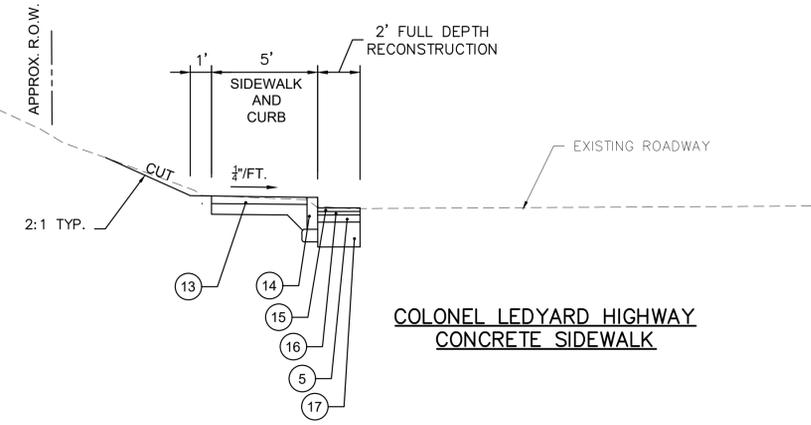
I - SERIES
BACKGROUND-GREEN, LEGEND-WHITE (EXCEPT AS NOTED)
M2 - M6 SERIES
(1) BACKGROUND-BLUE, LEGEND-WHITE
(2) BACKGROUND-WHITE, LEGEND-BLACK

ALL SIGNS TO USE TYPE XI RETROREFLECTIVE SHEETING WITH THE EXCEPTION OF SIDE MOUNTED SIGNS WITH WHITE BACKGROUND WHICH SHALL BE TYPE IX RETROREFLECTIVE SHEETING.

<p>DESIGNER/DRAFTER:</p> <p>A. MERMELSTEIN</p> <p>CHECKED BY:</p> <p>B. SCHILLING</p> <p>NOT TO SCALE</p>	<p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p> <p>FILENAME: ...CTDOT_TRAFFIC_GS.dgn</p>	<p>SIGNATURE/BLOCK:</p> <p>OFFICE OF ENGINEERING</p> <p>APPROVED BY: _____ DATE: _____</p>	<p>PROJECT TITLE:</p> <p>LEDYARD HIGH SCHOOL MULTI-USE PATHWAY AND SIDEWALK EXTENSION</p>	<p>TOWN:</p> <p>LEDYARD</p>	<p>PROJECT NO.</p> <p>L171-0001</p> <p>DRAWING NO.</p> <p>TR-GS_03</p> <p>SHEET NO.</p> <p>DET-14</p>
<p>REV. DATE</p> <p>REVISION DESCRIPTION</p> <p>SHEET NO.</p>	<p>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.</p> <p>Plotted Date: 10/14/2021</p>	<p>4 10-2021 REVISED SHEETING TYPE TR-GS_04</p> <p>3 12-2018 REVISED D2, D3, D9, AND I SIGN SERIES. TR-GS_03</p> <p>2 7-2018 REVISED BROWN COLOR TO TYPE IV. TR-GS_03</p> <p>1 6-2018 NEW SHEET ISSUED TR-GS_03</p>			

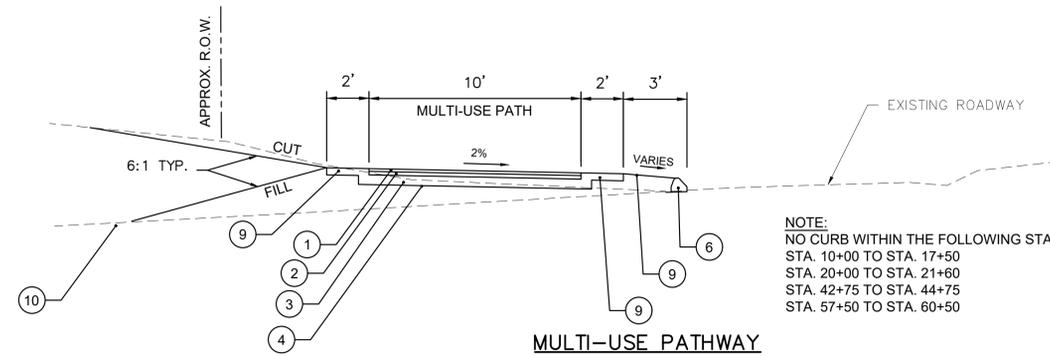


COLONEL LEDYARD HIGHWAY - ROUTE 117
CONCRETE SIDEWALK



COLONEL LEDYARD HIGHWAY
CONCRETE SIDEWALK

START - STA. 11+00
 STA. 12+75 - STA. 13+25
 STA. 17+70 - STA. 20+00
 STA. 22+00 - STA. 24+50
 STA. 31+00 - STA. 31+80
 STA. 33+50 - STA. 37+50
 STA. 40+50 - STA. 42+00
 STA. 45+50 - STA. 47+50
 STA. 61+00 - END



MULTI-USE PATHWAY

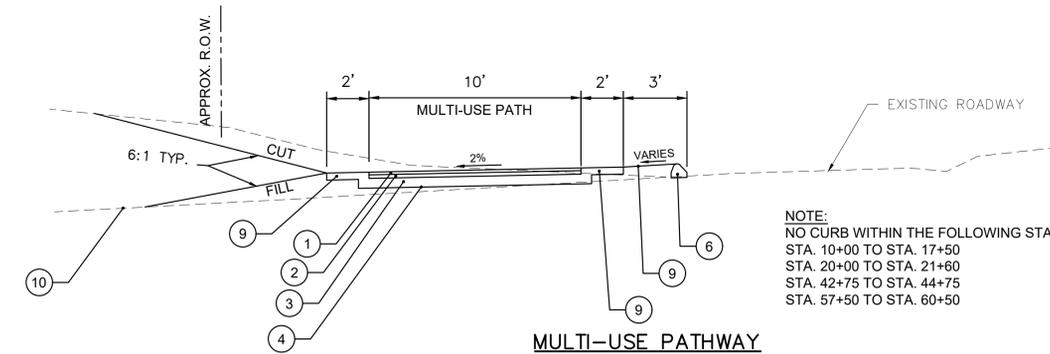
NOTE:
 NO CURB WITHIN THE FOLLOWING STATION RANGES -
 STA. 10+00 TO STA. 17+50
 STA. 20+00 TO STA. 21+80
 STA. 42+75 TO STA. 44+75
 STA. 57+50 TO STA. 60+50

LEGEND

- ① - 1.5" HMA S0.375
- ② - 2" HMA S0.5
- ③ - 6" PROCESSED AGGREGATE BASE
- ④ - COMPACTED SUBGRADE
- ⑤ - 4" PROCESSED AGGREGATE BASE
- ⑥ - 6" BITUMINOUS CONCRETE LIP CURBING
- ⑦ - 6" CONCRETE CURBING
- ⑧ - CONCRETE SIDEWALK
- ⑨ - 4" TOPSOIL AND TURF ESTABLISHMENT
- ⑩ - EXISTING GRADE
- ⑪ - RETAINING WALL
- ⑫ - METAL BEAM RAIL (R-B MASH)
- ⑬ - CONCRETE SIDEWALK
- ⑭ - CONCRETE CURB
- ⑮ - 2" HMA S0.375
- ⑯ - 2" HMA S0.5
- ⑰ - 14" SUBBASE

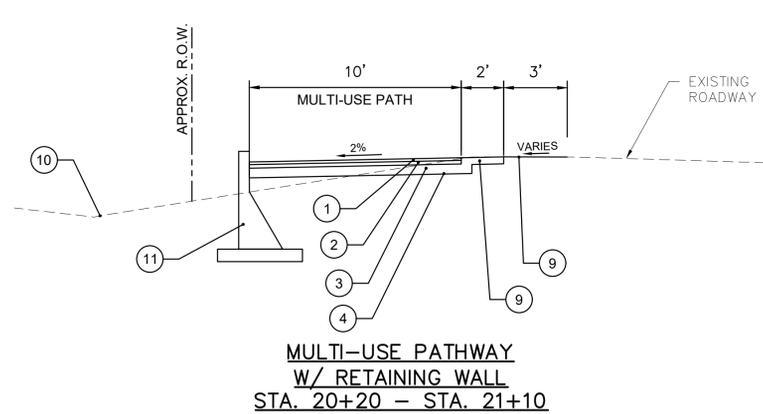
NOTES:
 1. ALL CUT OR FILL SLOPES TO BE 2:1 MAX, UNLESS OTHERWISE NOTED ON THE CROSS SECTIONS OR APPROVED BY THE ENGINEER
 2. CONTRACTOR TO TRANSITION CROSS SLOPE OF MULTI-USE PATHWAY AS NEEDED BETWEEN THE SPECIFIED STATION RANGES

STA. 11+50 - STA. 12+50
 STA. 13+50 - STA. 17+50
 STA. 25+00 - STA. 30+50
 STA. 32+00 - STA. 33+20
 STA. 38+00 - STA. 40+00
 STA. 42+50 - STA. 45+00
 STA. 48+00 - STA. 51+65
 STA. 56+50 - STA. 60+50

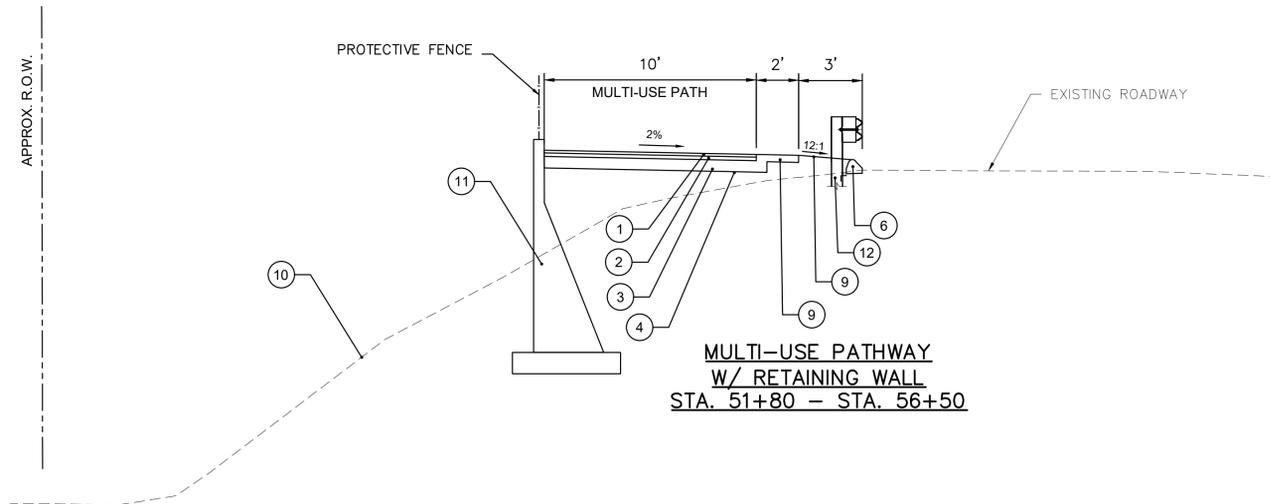


MULTI-USE PATHWAY

NOTE:
 NO CURB WITHIN THE FOLLOWING STATION RANGES -
 STA. 10+00 TO STA. 17+50
 STA. 20+00 TO STA. 21+80
 STA. 42+75 TO STA. 44+75
 STA. 57+50 TO STA. 60+50



MULTI-USE PATHWAY
 W/ RETAINING WALL
 STA. 20+20 - STA. 21+10



MULTI-USE PATHWAY
 W/ RETAINING WALL
 STA. 51+80 - STA. 56+50

TYPICAL SECTIONS

SCALE: 1"=4'



Project: TOWN OF LEDYARD, CT



LEDYARD HIGH SCHOOL
 MULTI-USE PATHWAY &
 SIDEWALK EXTENSION
 L171-0001

741 COLONEL LEDYARD HIGHWAY
 LEDYARD, CT 06339

Weston & Sampson

Weston & Sampson Engineers, Inc.
 712 Brook Street, Suite 103
 Rocky Hill, CT 06067
 978.532.1900 800.SAMPSON
 www.westonandsampson.com

Consultants:

Revisions:

No.	Date	Description

Seal:

COA:
 COPYRIGHT © 2021 BY WESTON & SAMPSON
 THIS DRAWING HAS BEEN PREPARED FOR THE
 EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
 LISTED ON THIS DRAWING ONLY.

REPRODUCTION, RELEASE OR UTILIZATION OF THE
 DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND
 ON OTHER PROJECTS IS PROHIBITED BY LAW.

WESTON & SAMPSON RETAINS THE EXCLUSIVE USE
 OF THE INTELLECTUAL PROPERTY CONTAINED
 HEREIN.

Issued For:

Scale: AS NOTED

Date: MAY 2023

Drawn By: NSD

Reviewed By: RC

Approved By: MJJ

W&S Project No.: ENG20-1119

W&S File No.:

Drawing Title:

MULTI-USE PATHWAY
 AND SIDEWALK
 TYPICAL SECTIONS

Sheet Number:

TYP-01



Consultants:

Revisions:

No.	Date	Description

Seal:

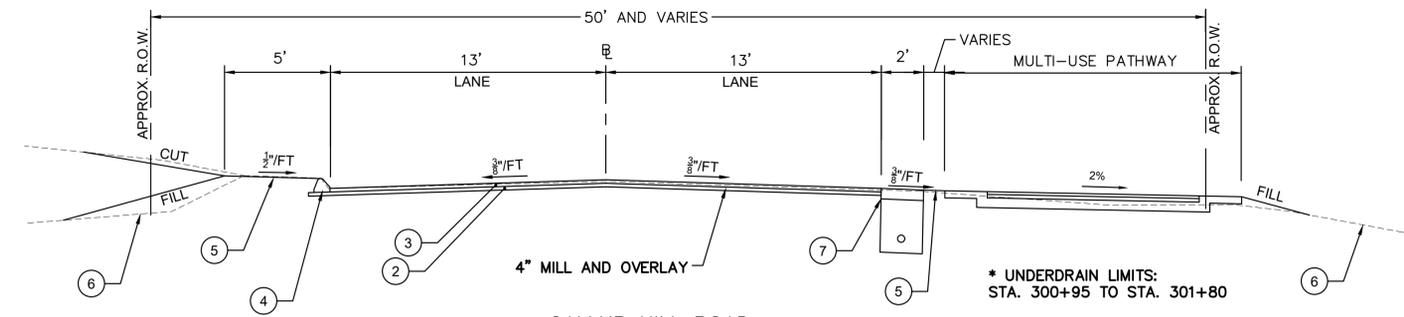
COA:
COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE
EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
LISTED ON THIS DRAWING ONLY.
REPRODUCTION, RELEASE OF UTILIZATION OF THE
DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND
ON OTHER PROJECTS IS PROHIBITED BY LAW.
WESTON & SAMPSON RETAINS THE EXCLUSIVE USE
OF THE INTELLECTUAL PROPERTY CONTAINED
HEREIN.

Issued For:

Scale: AS NOTED
Date: MAY 2023
Drawn By: NSD
Reviewed By: RC
Approved By: MJJ
W&S Project No.: ENG20-1119
W&S File No.:

Drawing Title:
**ROADWAY TYPICAL
SECTIONS**

Sheet Number:
TYP-02



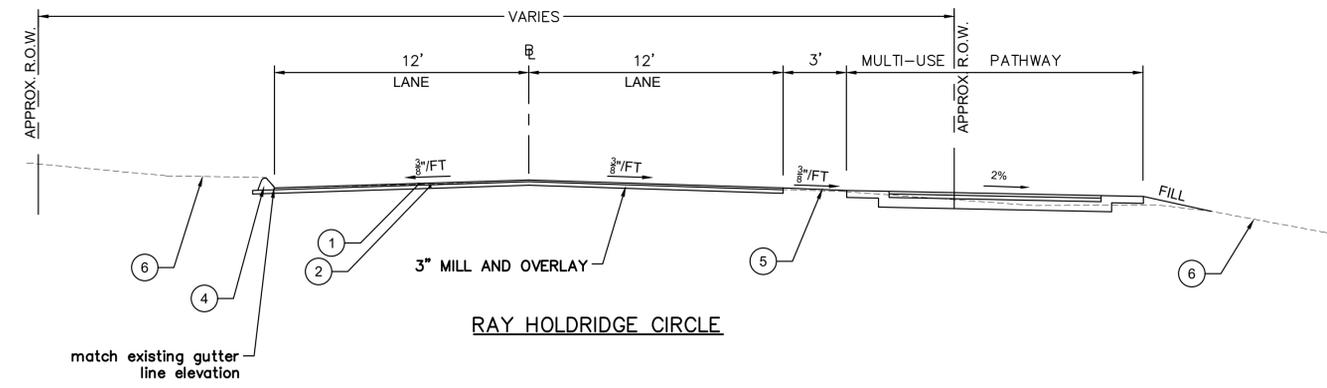
GALLUP HILL ROAD
STA. 300+16.5 TO STA. 302+10

LEGEND

- ① - 1" HMA S0.375
- ② - 2" HMA S0.5
- ③ - 2" HMA S0.375
- ④ - 6" BITUMINOUS CONCRETE LIP CURBING
- ⑤ - 4" TOPSOIL AND TURF ESTABLISHMENT
- ⑥ - EXISTING GRADE
- ⑦ - 6" CRUSHED STONE W/ 4" UNDERDRAIN *

NOTES:

1. ALL CUT OR FILL SLOPES TO BE 2:1 MAX, UNLESS OTHERWISE NOTED ON THE CROSS SECTIONS OR APPROVED BY THE ENGINEER



RAY HOLDRIDGE CIRCLE

TYPICAL SECTIONS

SCALE: 1"=4'



Consultants:

Revisions:

No.	Date	Description

Seal:

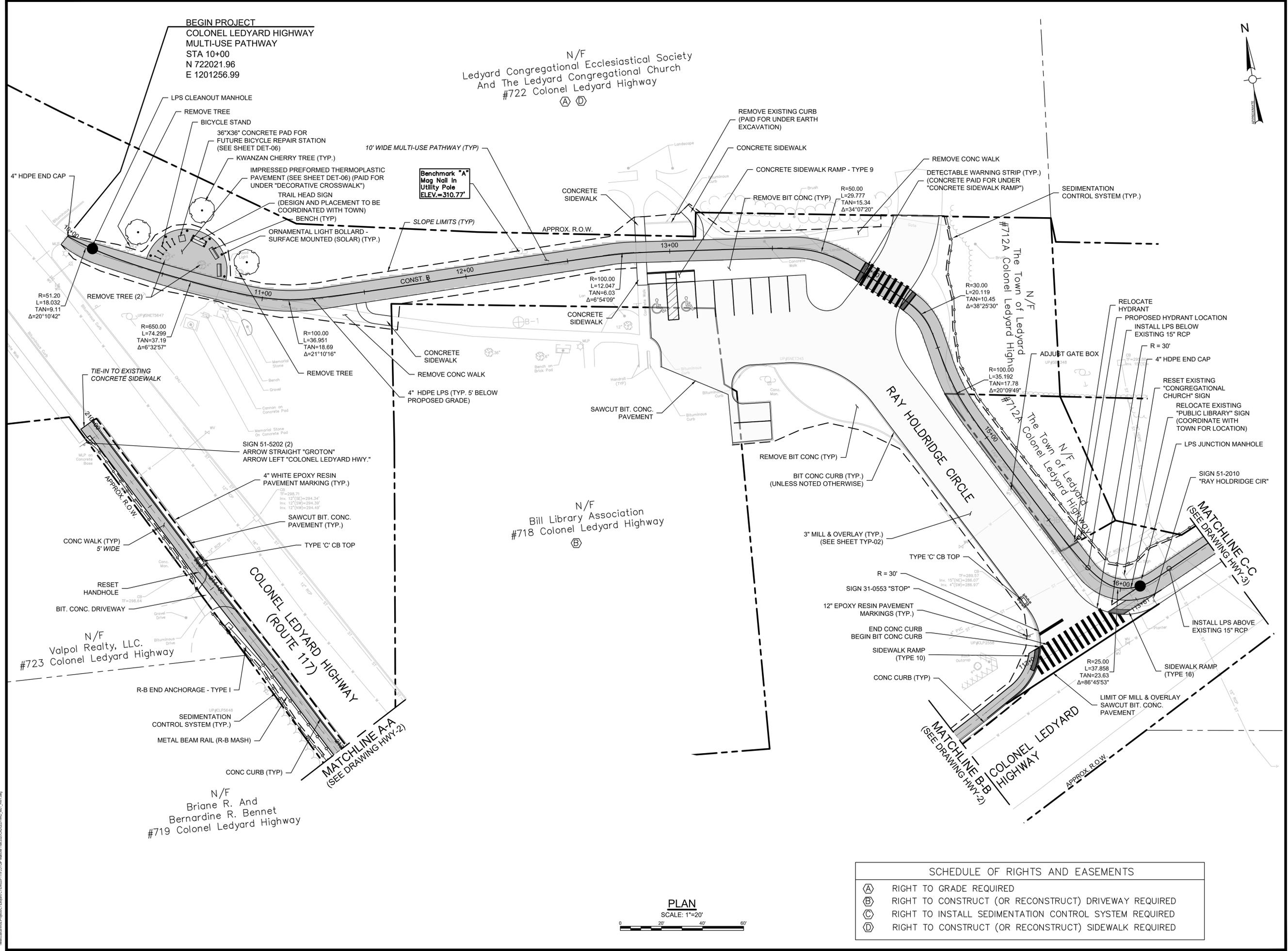
COA:
COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE
EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
LISTED ON THIS DRAWING ONLY.
REPRODUCTION, RELEASE OR UTILIZATION OF THE
DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND
ON OTHER PROJECTS IS PROHIBITED BY LAW.
WESTON & SAMPSON RETAINS THE EXCLUSIVE USE
OF THE INTELLECTUAL PROPERTY CONTAINED
HEREIN.

Issued For:

Scale: AS NOTED
Date: MAY 2023
Drawn By: NSD
Reviewed By: RC
Approved By: MJJ
W&S Project No.: ENG20-1119
W&S File No.:

Drawing Title:
**MULTI-USE PATHWAY
& SIDEWALK PLAN
STA. 10+00 TO 16+50**

Sheet Number:
HWY-1



SCHEDULE OF RIGHTS AND EASEMENTS

(A)	RIGHT TO GRADE REQUIRED
(B)	RIGHT TO CONSTRUCT (OR RECONSTRUCT) DRIVEWAY REQUIRED
(C)	RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED
(D)	RIGHT TO CONSTRUCT (OR RECONSTRUCT) SIDEWALK REQUIRED

PLAN
SCALE: 1"=20'

\s\projects\2020\LEDYARD\HWY-1\DWG\HWY-1_1119.DWG
 11/13/2023 11:13:07 AM
 User: NSD

Rev: 1.0 Date: 04/10/2019

Consultants:

Revisions:

No.	Date	Description

Seal:

COA:
COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE
EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
LISTED ON THIS DRAWING ONLY.
REPRODUCTION, RELEASE OF UTILIZATION OF THE
DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND
ON OTHER PROJECTS IS PROHIBITED BY LAW.
WESTON & SAMPSON RETAINS THE EXCLUSIVE USE
OF THE INTELLECTUAL PROPERTY CONTAINED
HEREIN.

Issued For:

Scale: AS NOTED

Date: MAY 2023

Drawn By: NSD

Reviewed By: RC

Approved By: MJJ

W&S Project No.: ENG20-1119

W&S File No.:

Drawing Title:

**MULTI-USE PATHWAY
& SIDEWALK PLAN
STA. 16+50 TO 22+00**

Sheet Number:

HWY-3



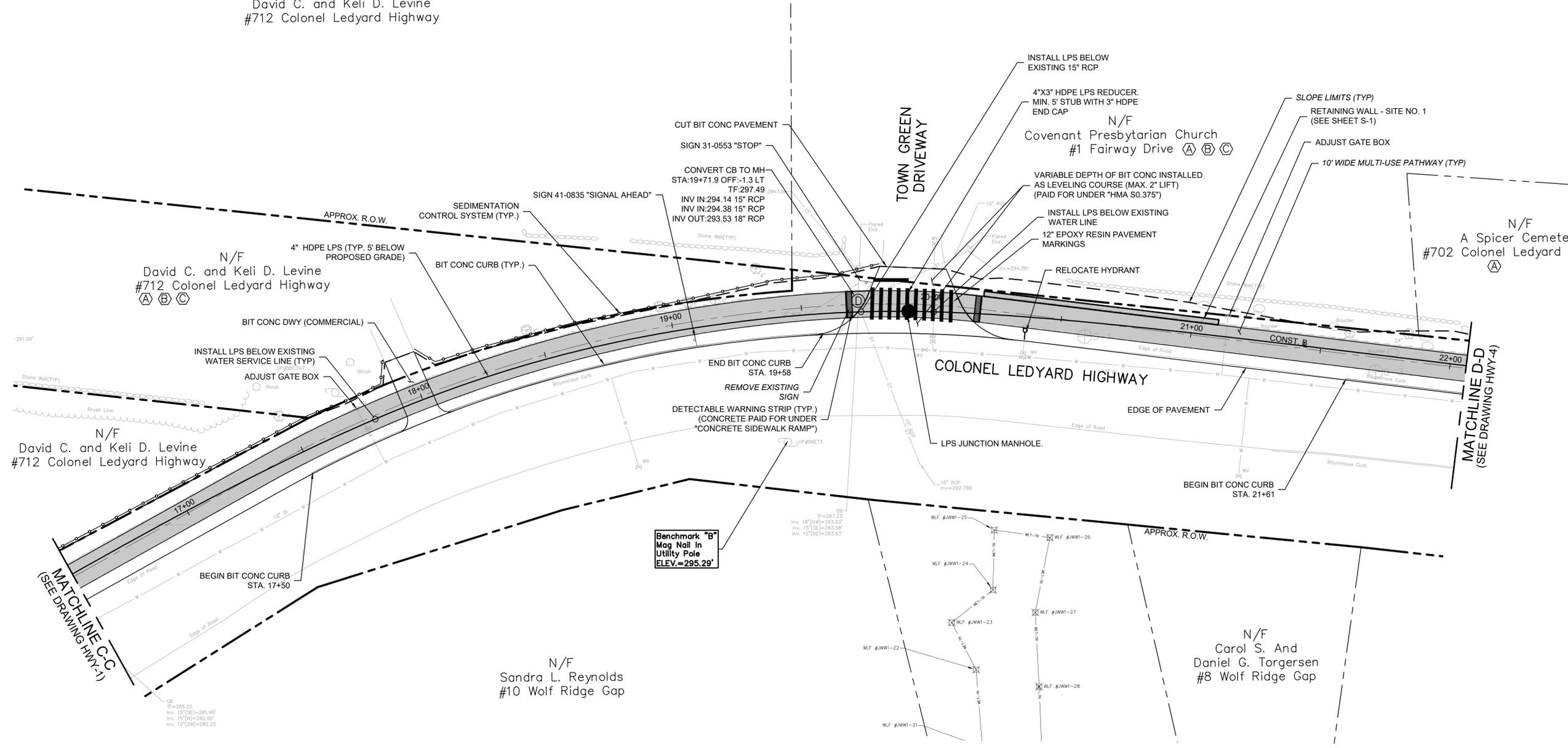
N/F
David C. and Keli D. Levine
#712 Colonel Ledyard Highway

N/F
David C. and Keli D. Levine
#712 Colonel Ledyard Highway
(A) (B) (C)

N/F
David C. and Keli D. Levine
#712 Colonel Ledyard Highway

N/F
Sandra L. Reynolds
#10 Wolf Ridge Gap

N/F
Carol S. And
Daniel G. Torgersen
#8 Wolf Ridge Gap



Benchmark "B"
Mag Nail In
Utility Pole
ELEV.=295.29'

SCHEDULE OF RIGHTS AND EASEMENTS	
(A)	RIGHT TO GRADE REQUIRED
(B)	RIGHT TO CONSTRUCT (OR RECONSTRUCT) DRIVEWAY REQUIRED
(C)	RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED
(D)	RIGHT TO CONSTRUCT (OR RECONSTRUCT) SIDEWALK REQUIRED



Consultants:

Revisions:

No.	Date	Description

Seal:

CON: COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY.
REPRODUCTION, RELEASE OR UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAW.
WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED HEREIN.

Issued For:

Scale: AS NOTED

Date: MAY 2023

Drawn By: NSD

Reviewed By: RC

Approved By: MJJ

W&S Project No.: ENG20-1119

W&S File No.:

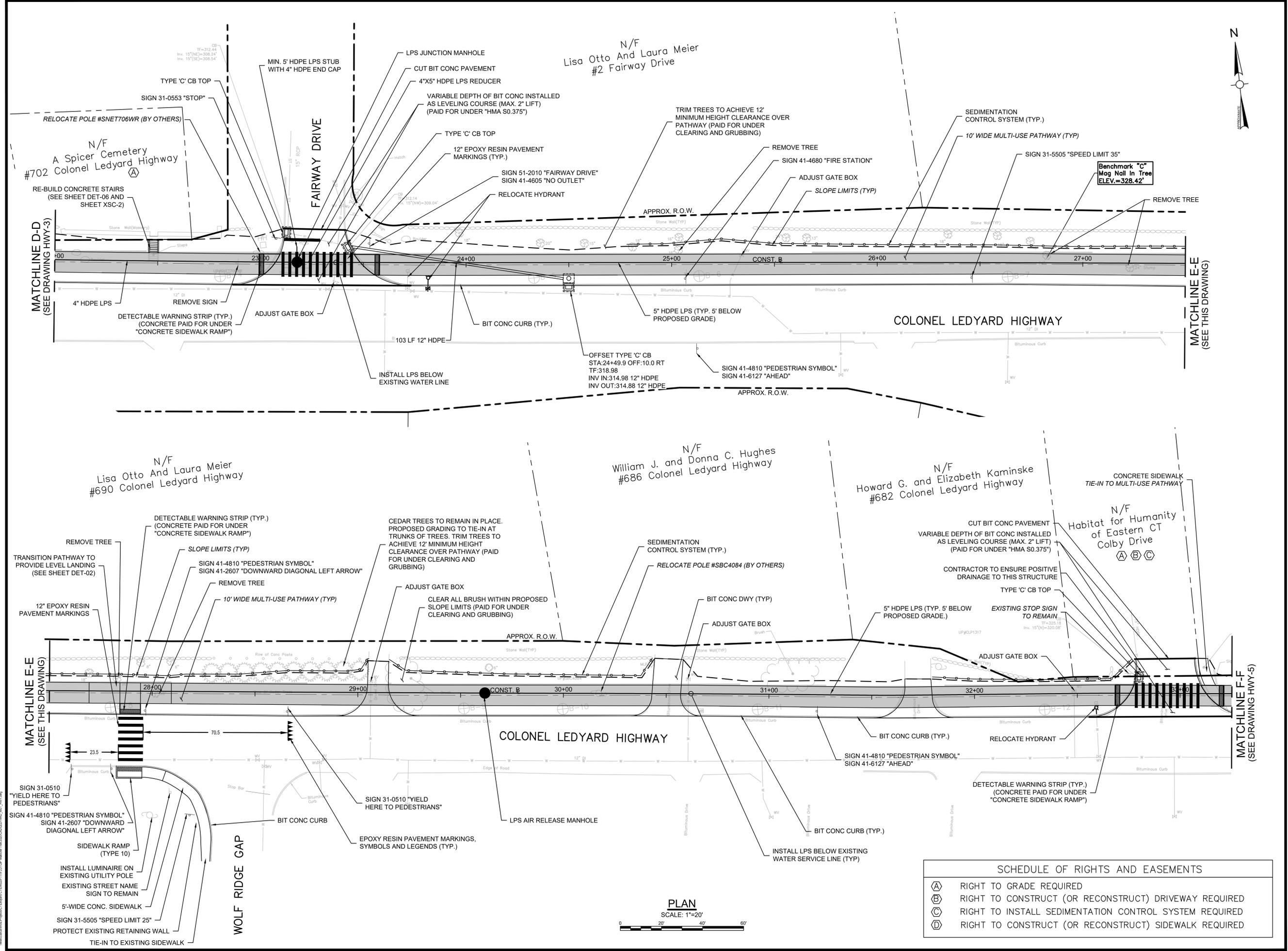
Drawing Title:

**MULTI-USE PATHWAY & SIDEWALK PLAN
STA. 22+00 TO 33+25**

Sheet Number:

HWY-4

Rev. 1.6 Date: 04/10/2019



SCHEDULE OF RIGHTS AND EASEMENTS

(A)	RIGHT TO GRADE REQUIRED
(B)	RIGHT TO CONSTRUCT (OR RECONSTRUCT) DRIVEWAY REQUIRED
(C)	RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED
(D)	RIGHT TO CONSTRUCT (OR RECONSTRUCT) SIDEWALK REQUIRED



Consultants:

Revisions:

No.	Date	Description

Seal:

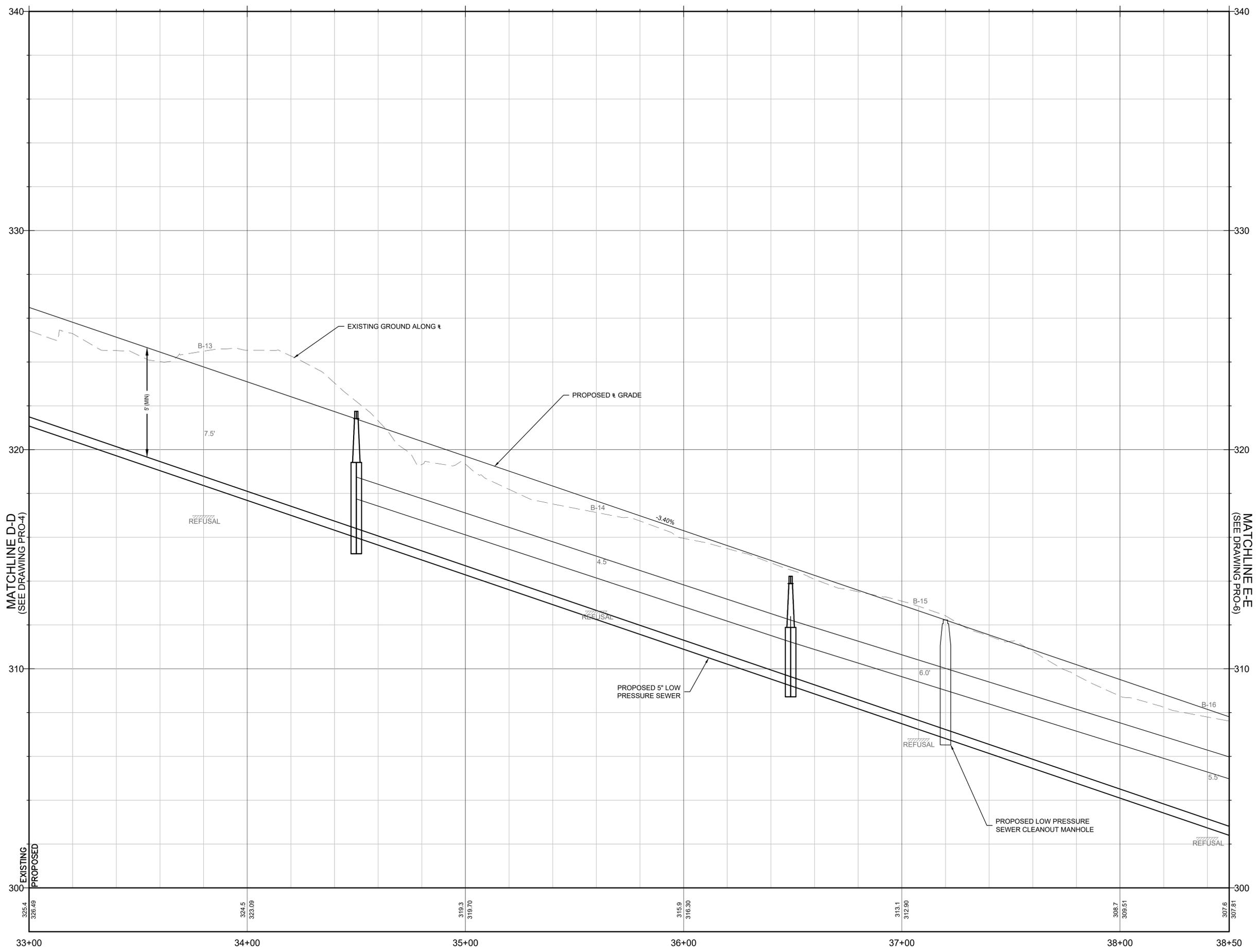
COA:
COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE
EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
LISTED ON THIS DRAWING ONLY.
REPRODUCTION, RELEASE OR UTILIZATION OF THE
DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND
ON OTHER PROJECTS IS PROHIBITED BY LAW.
WESTON & SAMPSON RETAINS THE EXCLUSIVE USE
OF THE INTELLECTUAL PROPERTY CONTAINED
HEREIN.

Issued For:

Scale: AS NOTED
Date: MAY 2023
Drawn By: NSD
Reviewed By: RC
Approved By: MJJ
W&S Project No.: ENG20-1119
W&S File No.:

Drawing Title:
**MULTI-USE PATHWAY
PROFILE
STA. 33+00 TO 38+50**

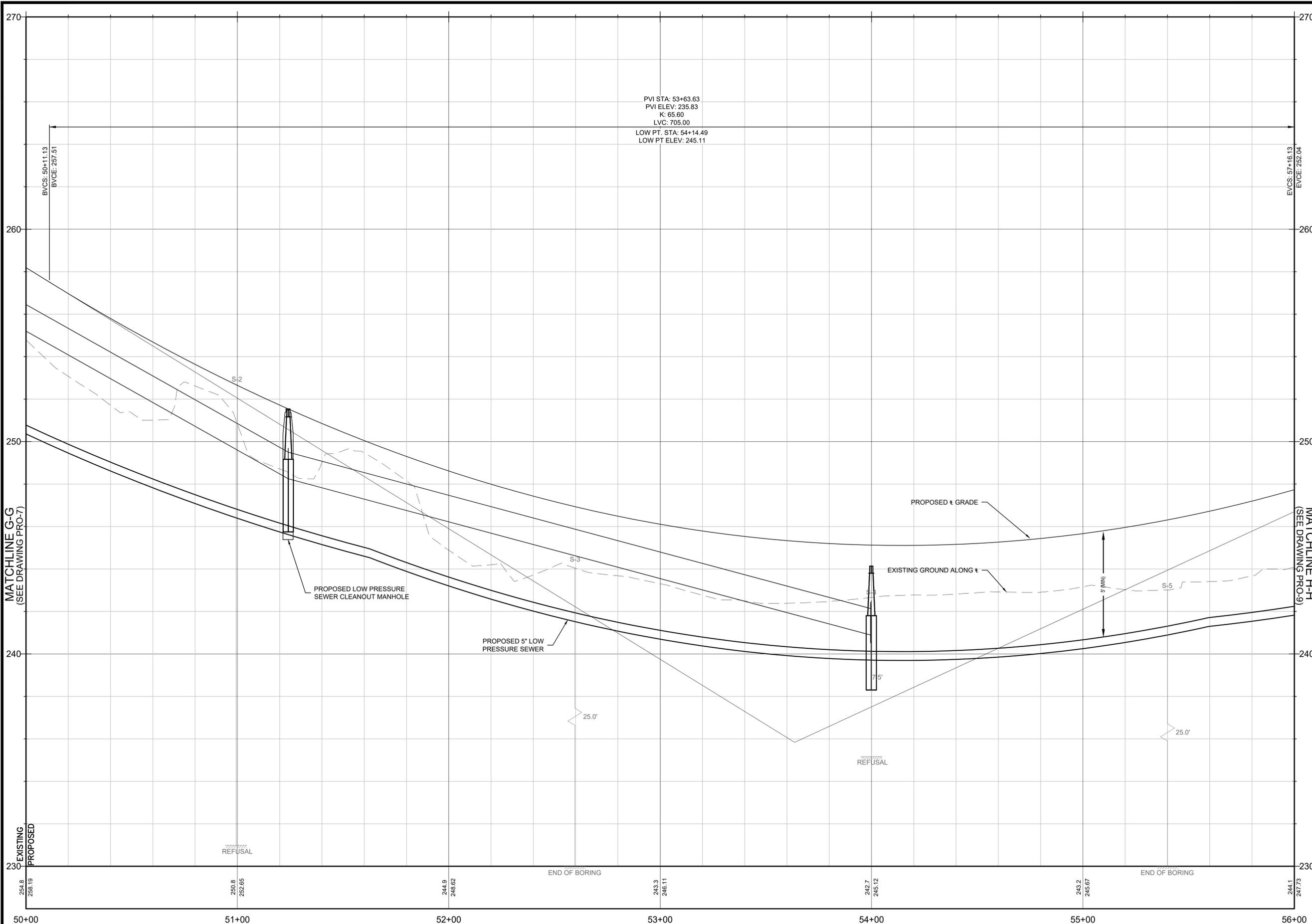
Sheet Number:
PRO-05



CENTERLINE TRAIL PROFILE
SCALE: 1"=20' HORZ, 1"=2' VERT

\p003\BorWSE\Projects\CT\ENG20-1119\0178P_MultiUse_Pathway_Profile.dwg, 1/20/2023 10:41 AM, AutoCAD 2023, Plot Date: 5/11/2023 10:41 AM, Plot Scale: 1"=20' HORZ, 1"=2' VERT

Rev: 1.0 Date: 04/10/2019



CENTERLINE TRAIL PROFILE
SCALE: 1"=20' HORZ, 1"=2' VERT

Project:
TOWN OF LEDYARD, CT



LEDYARD HIGH SCHOOL
MULTI-USE PATHWAY &
SIDEWALK EXTENSION
L171-0001

741 COLONEL LEDYARD HIGHWAY
LEDYARD, CT 06339

Weston & Sampson
Weston & Sampson Engineers, Inc.
712 Brook Street, Suite 103
Rocky Hill, CT 06067
978.532.1900 800.SAMPSON
www.westonandsampson.com

Consultants:

Revisions:

No.	Date	Description

Seal:

COA:
COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE
EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
LISTED ON THIS DRAWING ONLY.
REPRODUCTION, RELEASE OF UTILIZATION OF THE
DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND
ON OTHER PROJECTS IS PROHIBITED BY LAW.
WESTON & SAMPSON RETAINS THE EXCLUSIVE USE
OF THE INTELLECTUAL PROPERTY CONTAINED
HEREIN.

Issued For:

Scale: AS NOTED
Date: MAY 2023
Drawn By: NSD
Reviewed By: RC
Approved By: MJJ
W&S Project No.: ENG20-1119
W&S File No.:

Drawing Title:
**MULTI-USE PATHWAY
PROFILE
STA. 50+00 TO 56+00**

Sheet Number:
PRO-08

\\s03\ledyard\Projects\CT\ENG20-1119\OTDP\MultiUse\Trail\20230504\LEDYARD_MU_PRO-08.dwg

Rev: 1.0 Date: 04/10/2019

Consultants:

Revisions:

No.	Date	Description

Seal:

COA:
COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE
EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
LISTED ON THIS DRAWING ONLY.

REPRODUCTION, RELEASE OF UTILIZATION OF THE
DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND
ON OTHER PROJECTS IS PROHIBITED BY LAW.

WESTON & SAMPSON RETAINS THE EXCLUSIVE USE
OF THE INTELLECTUAL PROPERTY CONTAINED
HEREIN.

Issued For:

Scale: AS NOTED

Date: MAY 2023

Drawn By: NSD

Reviewed By: RC

Approved By: MJJ

W&S Project No.: ENG20-1119

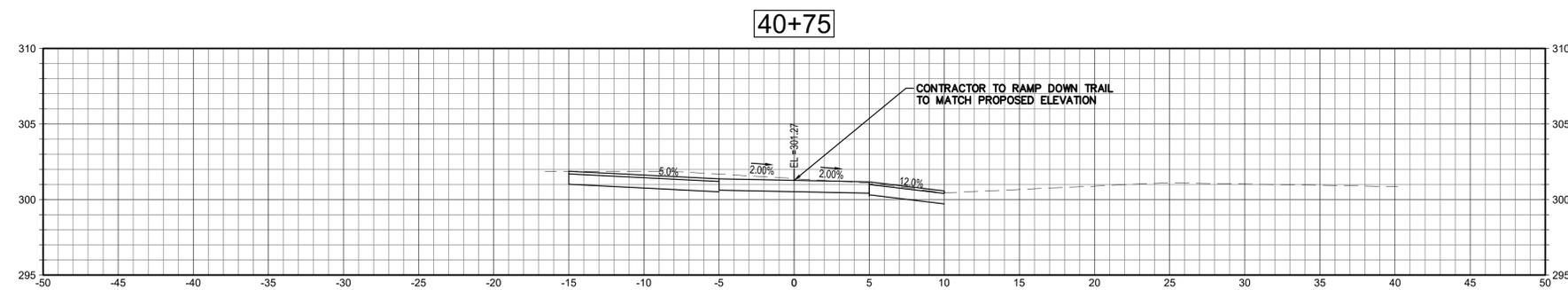
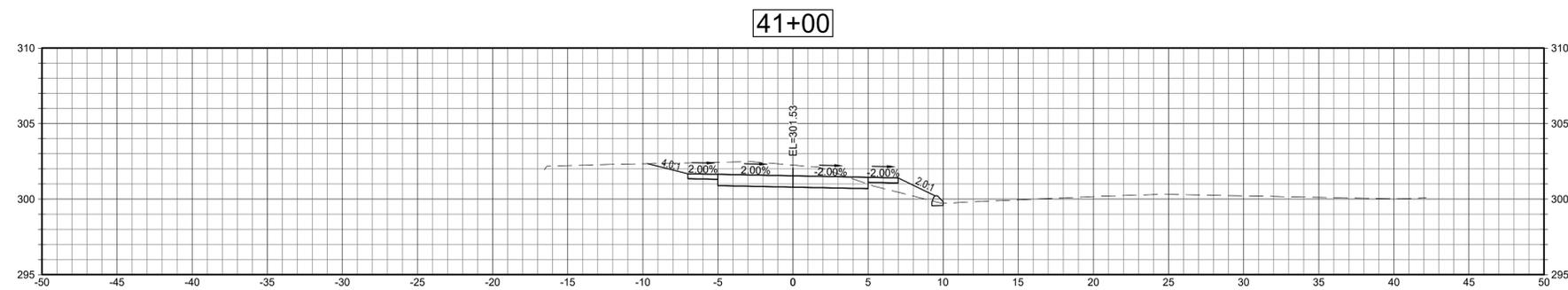
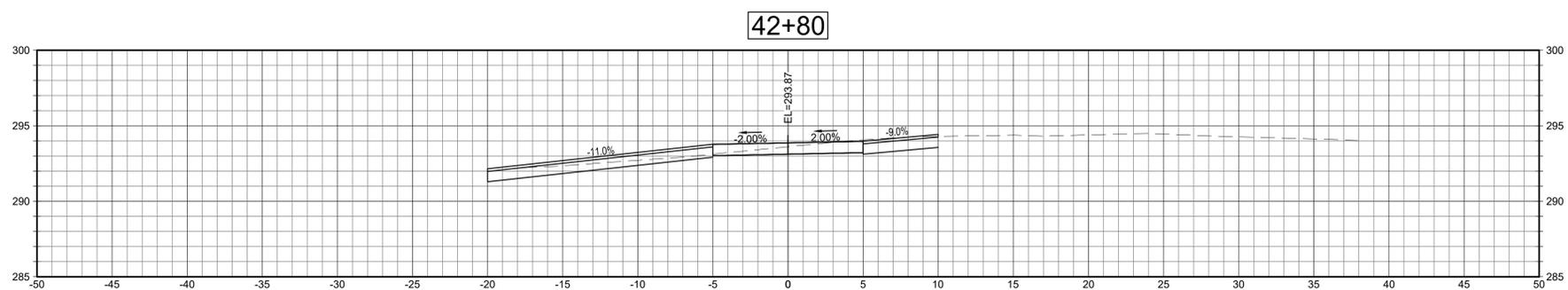
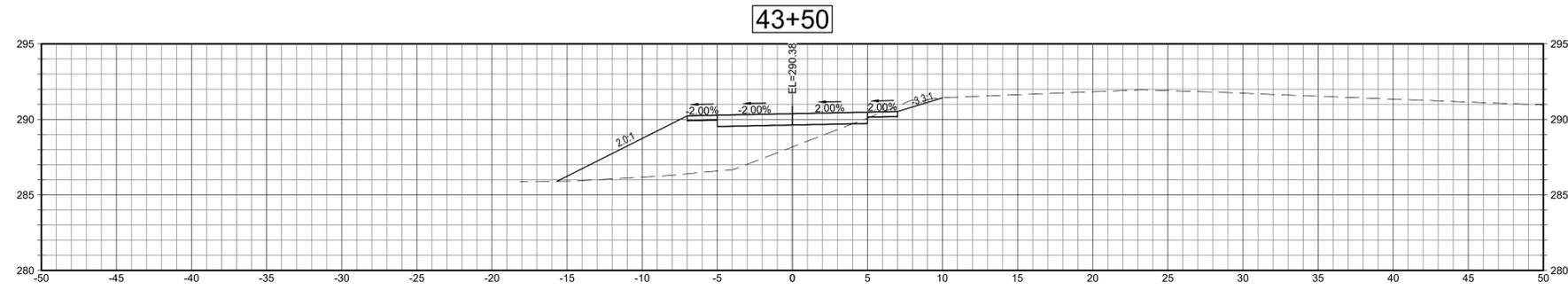
W&S File No.:

Drawing Title:

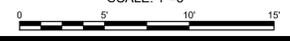
**CRITICAL CROSS
SECTIONS**

Sheet Number:

XSC-4



SECTIONS
SCALE: 1"=5'



\\s03\boi\MS\Projects\CT\Ledyard\CT\ENG20-1119\0178\Main\Tul\2023\04\LEDYARD_MU_XSC-4.dwg

Rev: 1.6 Date: 04/10/2019

Client: Weston & Sampson		SEABOARD DRILLING, INC.		Test Boring/ Monitor Well ID: S-1, B-3, B-4, B-5, B-6, B-7, B-8	
Location: Ledyard, CT		649 Meadow St., Chicopee, MA 01013		Sheet No. 1 of 1	
Project: Colonel Ledyard Hwy		DRILLING/SOIL LOG		Start: 5/31/2022	
Contractor: Seaboard Drilling, Inc.		140/30 300/24		Finish: 5/31/2022	
Casing		Core Barrel		Hammer (Weight-lb./fall-30")	
Type	HSA	SS	N/A	Rig Type: Mobile B-53	Driller: Doug Feeley
O.D. Inch	8-1/2"				
I.D. Inch	4-1/4"				
Depth (ft.) Range	Blows	Sample No.	Recovery	FIELD CLASSIFICATIONS AND REMARKS	
0-6"	N/A	B-1		HSA probe to 8", Auger Refusal @ 2.5' Silty Loam, some Sand and Gravel (0-3') No water observed	
0-8"	N/A	B-2		HSA probe to 8", Auger Refusal @ 7.5' Silty Loam, some Sand and Gravel (0-2') some Clay/Gravel (2-8') No water observed	
0-15"	5-3-3-5	S-1		HSA probe to 15", Auger refusal @ 4" Sandy Loam/Clay (0-2') Silty Sand/clay Gravel (2-4') No water observed	
0-15"	N/A	B-3		HSA probe to 15", Auger refusal @ 7.7" Silty loam (0-2'), Sandy Loam (2-8')	
0-15"	N/A	B-4		HSA probe to 15", Auger refusal @ 5.2" Silty Loam (0-2'), Sand, Loam some Gravel (2-8')	
0-8"	N/A	B-5		HSA probe to 8" Silty Loam (0-2') Sandy Loam (2-8') No Refusal No water observed	
0-8"	N/A	B-6		HSA probe to 8" Silty Loam (0-2') Sandy Loam (2-6'), Sand, No Refusal No water observed	
0-8"	N/A	B-7		HSA probe to 8", Auger refusal @ 6.5" Silty Loam (0-3'), Sandy Loam (3-7') No water observed	
0-8"	N/A	B-8		HSA probe to 8", Auger refusal @ 4" Loam/Silty Loam (0-4') No water observed	
SAMPLE PENETRATION RESISTANCE - 140 lb. Wt. Falling 30" on 2" O.D. sampler					
Density (# Hammer Blows)		Cohesive Consistence (# Hammer Blows)		PROPORTIONS	
0-4	Very Loose	0-2	Very Soft	3-4	Soft
5-9	Loose	5-8	Medium-Stiff	9-15	Stiff
10-29	Medium-Dense	16-30	Very Stiff	31+	Hard
30-49	Dense			and	30 to 50%
50+	Very Dense				

BORING LOG S-1

Client: Weston & Sampson		SEABOARD DRILLING, INC.		Test Boring/ Monitor Well ID: S-2	
Location: Ledyard, CT		649 Meadow St., Chicopee, MA 01013		Sheet No. 1 of 1	
Project: Colonel Ledyard Hwy		DRILLING/SOIL LOG		Start: 7/12/2022	
Contractor: Seaboard Drilling, Inc.		140/30 300/24		Finish: 7/12/2022	
Casing		Core Barrel		Hammer (Weight-lb./fall-30")	
Type	HSA	SS	N/A	Rig Type: Mobile B-53	Driller: Dale Griffin
O.D. Inch	8-1/2"				
I.D. Inch	4-1/4"				
Depth (ft.) Range	Blows	Sample No.	Recovery	FIELD CLASSIFICATIONS AND REMARKS	
1-3"	12-14-10-7	S-1	12"	6" Asphalt Brown coarse to medium sandy loam and gravel	
5-7"	3-4-6-4	S-2	4"	Brown coarse to medium sandy loam and gravel	
10-12"	8-11-20-45	S-3	10"	Brown coarse to medium sandy loam and gravel Cobble noted in last 2in of sample	
15-17"	N/A	N/A	No Rec	Note: rock and boulder @ 15', attempted core through to next benchmark	
20-22"	N/A	N/A	No Rec	End of Boring @ 20' no water observed	
SAMPLE PENETRATION RESISTANCE - 140 lb. Wt. Falling 30" on 2" O.D. sampler					
Density (# Hammer Blows)		Cohesive Consistence (# Hammer Blows)		PROPORTIONS	
0-4	Very Loose	0-2	Very Soft	3-4	Soft
5-9	Loose	5-8	Medium-Stiff	9-15	Stiff
10-29	Medium-Dense	16-30	Very Stiff	31+	Hard
30-49	Dense			and	30 to 50%
50+	Very Dense				

BORING LOG S-2

Client: Weston & Sampson		SEABOARD DRILLING, INC.		Test Boring/ Monitor Well ID: S-3	
Location: Ledyard, CT		649 Meadow St., Chicopee, MA 01013		Sheet No. 1 of 1	
Project: Colonel Ledyard Hwy		DRILLING/SOIL LOG		Start: 7/11/2022	
Contractor: Seaboard Drilling, Inc.		140/30 300/24		Finish: 7/11/2022	
Casing		Core Barrel		Hammer (Weight-lb./fall-30")	
Type	HSA	SS	N/A	Rig Type: Mobile B-53	Driller: Dale Griffin
O.D. Inch	8-1/2"				
I.D. Inch	4-1/4"				
Depth (ft.) Range	Blows	Sample No.	Recovery	FIELD CLASSIFICATIONS AND REMARKS	
1-3"	17-17-14-17	S-1	5"	6" Asphalt Brown coarse to medium sandy loam and gravel	
5-7"	35-19-4-5	S-2	2"	Brown coarse to medium sandy loam and gravel	
Note: rock and boulder @ 10' attempted core through					
10-12"	N/A	N/A	N/A	No sample recovery, rock coring Penetrated rock/boulder @ -16"	
15-17"	9-5-6-8	S-3	8"	Grey medium loamy sand and gravel	
20-22"	5-14-13-10	S-4	8"	Grey medium loamy sand and gravel	
25-27"	9-8-14-13	S-5	8"	Grey Sand and gravel	
End of Boring @ 27' no water observed					
SAMPLE PENETRATION RESISTANCE - 140 lb. Wt. Falling 30" on 2" O.D. sampler					
Density (# Hammer Blows)		Cohesive Consistence (# Hammer Blows)		PROPORTIONS	
0-4	Very Loose	0-2	Very Soft	3-4	Soft
5-9	Loose	5-8	Medium-Stiff	9-15	Stiff
10-29	Medium-Dense	16-30	Very Stiff	31+	Hard
30-49	Dense			and	30 to 50%
50+	Very Dense				

BORING LOG S-3

Client: Weston & Sampson		SEABOARD DRILLING, INC.		Test Boring/ Monitor Well ID: S-4	
Location: Ledyard, CT		649 Meadow St., Chicopee, MA 01013		Sheet No. 1 of 1	
Project: Colonel Ledyard Hwy		DRILLING/SOIL LOG		Start: 6/3/2022	
Contractor: Seaboard Drilling, Inc.		140/30 300/24		Finish: 6/3/2022	
Casing		Core Barrel		Hammer (Weight-lb./fall-30")	
Type	HSA	SS	N/A	Rig Type: Mobile B-53	Driller: Doug Feeley
O.D. Inch	8-1/2"				
I.D. Inch	4-1/4"				
Depth (ft.) Range	Blows	Sample No.	Recovery	FIELD CLASSIFICATIONS AND REMARKS	
1-3"	18-13-11-11	S-1	10"	2" Asphalt Brown SAND and Gravel	
5-7"	28-50/2"	S-2	1"	Brown SAND and Gravel	
5-7' a	22-10-11-15	S-3	1"	Brown fine to coarse SAND and Gravel (Cobbles 5.5' offset)	
10-12"	11-11-6-8	S-4	0	No recovery, casing refusal, no water return	
End of Boring @ 12'					
SAMPLE PENETRATION RESISTANCE - 140 lb. Wt. Falling 30" on 2" O.D. sampler					
Density (# Hammer Blows)		Cohesive Consistence (# Hammer Blows)		PROPORTIONS	
0-4	Very Loose	0-2	Very Soft	3-4	Soft
5-9	Loose	5-8	Medium-Stiff	9-15	Stiff
10-29	Medium-Dense	16-30	Very Stiff	31+	Hard
30-49	Dense			and	30 to 50%
50+	Very Dense				

BORING LOG S-4

Client: Weston & Sampson		SEABOARD DRILLING, INC.		Test Boring/ Monitor Well ID: S-5	
Location: Ledyard, CT		649 Meadow St., Chicopee, MA 01013		Sheet No. 1 of 1	
Project: Colonel Ledyard Hwy		DRILLING/SOIL LOG		Start: 6/2/2022	
Contractor: Seaboard Drilling, Inc.		140/30 300/24		Finish: 6/3/2022	
Casing		Core Barrel		Hammer (Weight-lb./fall-30")	
Type	HSA	SS	N/A	Rig Type: Mobile B-53	Driller: Doug Feeley
O.D. Inch	8-1/2"				
I.D. Inch	4-1/4"				
Depth (ft.) Range	Blows	Sample No.	Recovery	FIELD CLASSIFICATIONS AND REMARKS	
1-3"	16-19-43-21	S-1	6"	2" Asphalt Brown coarse SAND and Gravel	
5-7"	10-23-26-48	S-2	4"	Grey to Brown fine to med SAND and Gravel	
Note: rock and boulder @ 8' reset casing offset, washout to 10'					
10-12"	9-5-2-3	S-3	3"	Brown fine Sand and Silt	
15-17"	26-35-29-30	S-4	10"	Brown fine Sand and Silt	
20-22"	16-15-24-21	S-5	12"	Brown coarse SAND and Gravel	
25-27"	11-13-13-17	S-6	8"	Grey Sandy SILT and Gravel	
End of Boring @ 27' no water observed					
SAMPLE PENETRATION RESISTANCE - 140 lb. Wt. Falling 30" on 2" O.D. sampler					
Density (# Hammer Blows)		Cohesive Consistence (# Hammer Blows)		PROPORTIONS	
0-4	Very Loose	0-2	Very Soft	3-4	Soft
5-9	Loose	5-8	Medium-Stiff	9-15	Stiff
10-29	Medium-Dense	16-30	Very Stiff	31+	Hard
30-49	Dense			and	30 to 50%
50+	Very Dense				

BORING LOG S-5

Client: Weston & Sampson		SEABOARD DRILLING, INC.		Test Boring/ Monitor Well ID: S-6	
Location: Ledyard, CT		649 Meadow St., Chicopee, MA 01013		Sheet No. 1 of 1	
Project: Colonel Ledyard Hwy		DRILLING/SOIL LOG		Start: 6/2/2022	
Contractor: Seaboard Drilling, Inc.		140/30 300/24		Finish: 6/2/2022	
Casing		Core Barrel		Hammer (Weight-lb./fall-30")	
Type	HSA	SS	N/A	Rig Type: Mobile B-53	Driller: Doug Feeley
O.D. Inch	8-1/2"				
I.D. Inch	4-1/4"				
Depth (ft.) Range	Blows	Sample No.	Recovery	FIELD CLASSIFICATIONS AND REMARKS	
1-3"	12-16-15-8	S-1	8"	2" Asphalt Brown coarse Loamy SAND and Gravel	
5-7"	30-18-16-16	S-2	8"	Brown med to coarse SAND, some loam and Gravel	
10-12"	12-12-15-25	S-3	6"	Brown fine to med Sand, some Clay and Gravel	
15-17"	21-18-31-30	S-4	3"	Grey fine to med SAND and loam and Gravel	
20-22"	16-15-24-21	S-5	12"	Brown coarse SAND and Gravel	
25-27"	11-13-13-17	S-6	8"	Grey Sandy SILT and Gravel	
End of Boring @ 17'					
No water observed, borehole filled with wash water.					
SAMPLE PENETRATION RESISTANCE - 140 lb. Wt. Falling 30" on 2" O.D. sampler					
Density (# Hammer Blows)		Cohesive Consistence (# Hammer Blows)		PROPORTIONS	
0-4	Very Loose	0-2	Very Soft	3-4	Soft
5-9	Loose	5-8	Medium-Stiff	9-15	Stiff
10-29	Medium-Dense	16-30	Very Stiff	31+	Hard
30-49	Dense			and	30 to 50%
50+	Very Dense				

BORING LOG S-6

Project: TOWN OF LEDYARD, CT



LEDYARD HIGH SCHOOL
MULTI-USE PATHWAY &
SIDEWALK EXTENSION

741 COLONEL LEDYARD HIGHWAY
LEDYARD, CT 06339

Weston & Sampson

Weston & Sampson Engineers, Inc.
712 Brook Street, Suite 103
Rocky Hill, CT 06067

978.532.1900 800.SAMPSON
www.westonandsampson.com

Consultants:

No.	Date	Description

Revisions:

No.	Date	Description

Seal:

COA: COPYRIGHT © 2021 BY WESTON & SAMPSON
THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY.

REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAW.

WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED HEREIN.

Issued For:

Scale: AS NOTED

Date: JAN 2023

Drawn By: JR

Reviewed By: PJG

Approved By: LAS

W&S Project No.: ENG20-1119

W&S File No.:

Drawing Title:

BORING LOGS

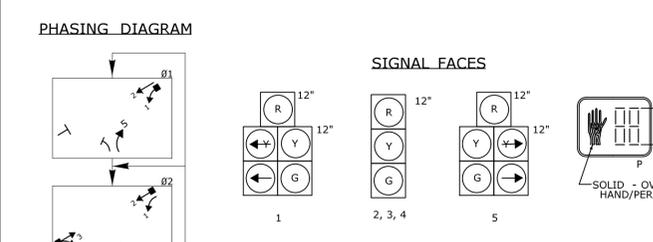
Sheet Number:

S-4

Rev: 1.6 Date: 04/10/2019

NTOR	PHASE 1 PRE-EMPT 1		PHASE 2		PHASE 3		PHASE 4 PRE-EMPT 2		PHASE 5		PHASE 6		PHASE 7		PHASE 8	
	FLASH	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
F A C E #	1	Y	←G	←G	G	G	Y	R								
	2	Y	G	←G	G	G	Y	R								
	3	Y	R	R	R	G	Y	R								
	4	R	R	R	R	G	Y	R								
	5	R	R	R	R	R	R	R								
P	OFF	←	←	←	←	←	←									

REV #	OFFICE RECORD
1	TIR # N/A SM # N/A SIGNAL REVISED: REPLACED TRAFFIC CONTROL SIGNAL EQUIPMENT AND ADDED EMERGENCY VEHICLE PRE-EMPTION UNDER STATE PROJECT NO. 0172-0476.



CONSTRUCTION NOTES:

ALL TRAFFIC SIGNAL EQUIPMENT IS NEW.

STATE FORCES TO STAKE ALL R.O.W PRIOR TO EXCAVATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

ANY PROPOSED REVISIONS TO THE LOCATION OF THE APPURTENANCES SHOWN ON THE PLAN MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE DIVISION OF TRAFFIC ENGINEERING PRIOR TO INSTALLATION.

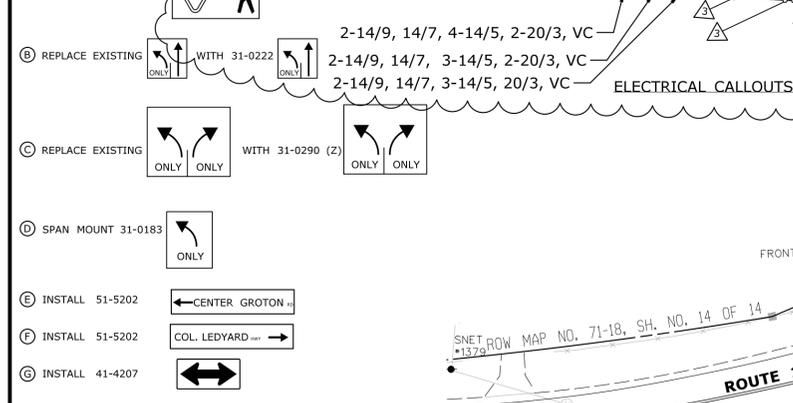
THE LOCATION OF TRAFFIC SIGNAL FOUNDATIONS WHEN IN OR ADJACENT TO SIDEWALKS SHALL BE VERIFIED PRIOR TO INSTALLATION TO PROVIDE A FREE PATH OF NOT LESS THAN 4 FEET. IF A MINIMUM 4 FOOT FREE PATH IS UNAVAILABLE NOTIFY THE ENGINEER AND CONTACT THE DIVISION OF TRAFFIC ENGINEERING.

REMOVE ALL ABANDONED TRAFFIC SIGNAL EQUIPMENT PER SPECIAL PROVISION.

INSTALL PEDESTAL FOUNDATIONS ADJACENT TO LANDING AREAS.

INTERVALS	MIN GRN		WALK		PED CLR		VEH EXT		MAX 1		MAX 2		YELLOW		RED		ADD INIT		MAX INIT		TBR		TTR		MIN GAP		MODE		INIT START		
	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
	5	15					2.0	10	15			3.0	1.0	4.2	1.5																

IDENT	SIZE (WXL)	TYPE	MODE	SYSTEM LOC	MASTER	COORDINATION TYPE: NONE		CYCLE	OFFSET
						FUNCTION	PROGRAM TIME		
D1	7' X 40'	VIDEO 360	PRESENCE			FLASH	NONE		
D2	6' X 6'	VIDEO-THERM	PRESENCE			MAX 1	ALL OTHER TIMES		
D2A	6' X 6'	VIDEO-THERM	PRESENCE			MAX 2	0700-0900		
D2B	6' X 6'	VIDEO-THERM	PRESENCE				1530-1800		M-SAT
D2C	6' X 6'	VIDEO-THERM	PRESENCE						
D4	7' X 63'	VIDEO 360	PRESENCE						
D4A	SEE PLAN	VIDEO 360	8" DELAY						
SD2	8' X 39'	VIDEO 360	PRESENCE						
SD2A	7' X 40'	VIDEO 360	PRESENCE						



NOTES:

STATE TO MAINTAIN ALL SIGNS AND PAVEMENT MARKINGS ON ROUTE 117 (CENTER GROTON RD. & COLONEL LEDYARD HWY) AND ALL STOP BARS.

TOWN OF LEDYARD TO MAINTAIN SIGNS AND ALL OTHER PAVEMENT MARKINGS ON COLONEL LEDYARD HIGHWAY.

OTHERS TO MAINTAIN ALL SIGNS AND PAVEMENT MARKINGS ON RETAIL AND PRIVATE DRIVEWAY.

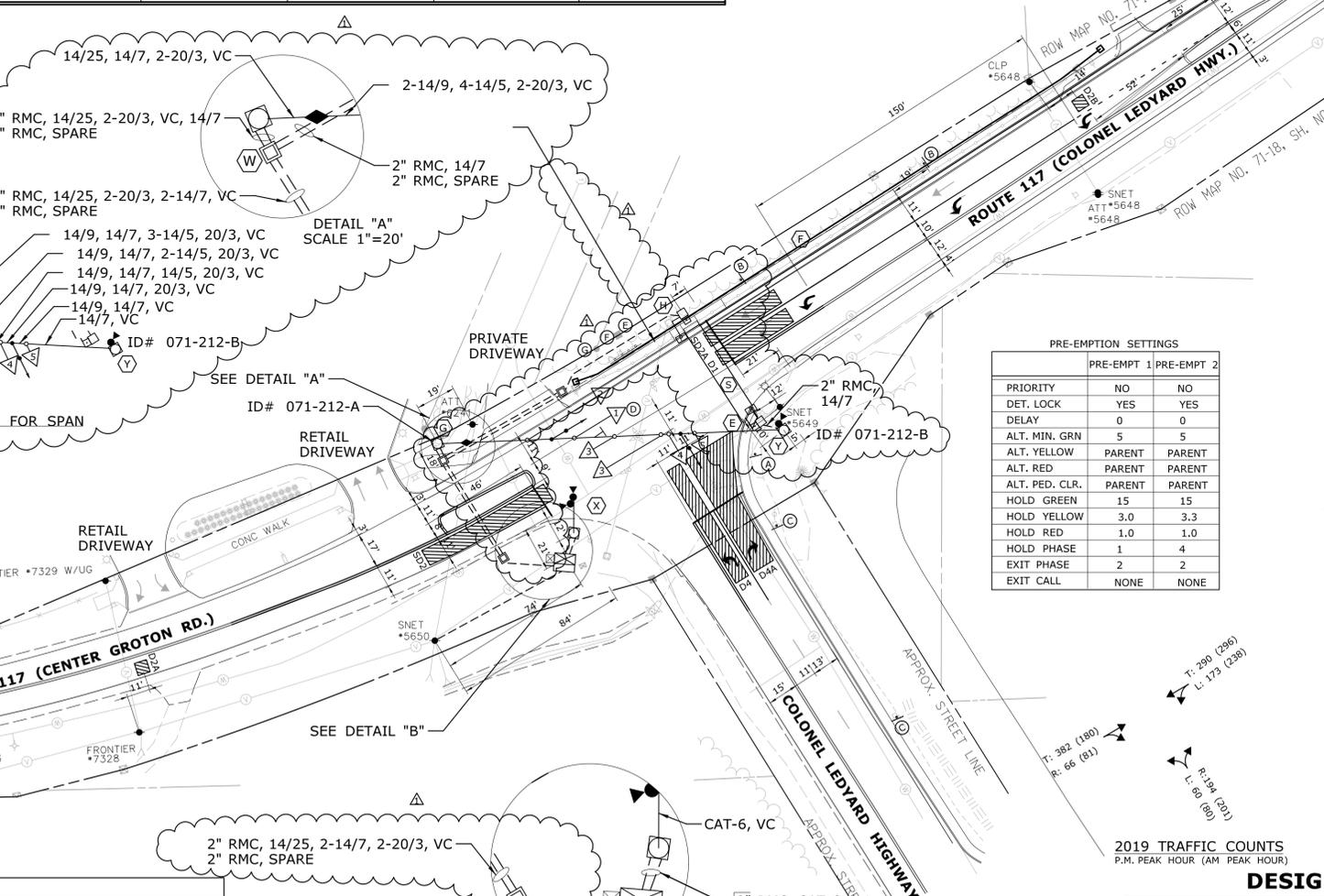
TOWN OF LEDYARD TO OWN AND MAINTAIN THE PRE-EMPTION EQUIPMENT.

BAR TYPE CROSSWALK - STATE MAINTAINED.

30" X 30" HANDHOLE.

VIDEO DETECTION BY USE OF VIDEO-THERMAL AND 360 DEGREE CAMERAS WITH 3" VERTICAL RISER MOUNTED ON LIGHT STANDARD (15' BRACKET, 30" MOUNTING HEIGHT) ALUMINUM.

VIDEO DETECTION BY USE OF VIDEO-THERMAL CAMERA MOUNTED ON SPAN POLE 071-212-B.



SPAN POLE INFORMATION					
ID #	POLE LENGTH	BOLT CIRCLE	CAMERA BRACKET LENGTH	VERTICAL RISER FOR 360 CAMERA	YEAR INSTALLED
071-212-A	34'	24"	N/A	N/A	-
071-212-B	30'	24"	N/A	N/A	-
-	-	-	-	-	-
-	-	-	-	-	-

CONSTRUCTION NOTES (continued):

CONSTRUCT TYPE 10 SIDEWALK RAMP PER GUIDE SHEETS.

TRIM TREE BRANCHES/VEGETATION TO IMPROVE AND MAINTAIN SIGHT LINE OF SIGNAL HEAD 2 AND VIDEO DETECTION ZONES FROM CAMERAS, AND THINNING.

INSTALL SPAN POLE FOUNDATION ADJACENT TO AND WITHIN R.O.W.

INSTALL PEDESTAL DIRECTLY BEHIND GUIDE RAIL USE EXTENSION BRACKET TO MAKE PUSHBUTTON ACCESSIBLE FROM CONCRETE SIDEWALK RAMP.

INSTALL 30" X 30" HANDHOLE.

VIDEO DETECTION BY USE OF VIDEO-THERMAL AND 360 DEGREE CAMERAS WITH 3" VERTICAL RISER MOUNTED ON LIGHT STANDARD (15' BRACKET, 30" MOUNTING HEIGHT) ALUMINUM.

VIDEO DETECTION BY USE OF VIDEO-THERMAL CAMERA MOUNTED ON SPAN POLE 071-212-B.

INSTALL RISER ON UTILITY POLE SNET 5650.

COORDINATE WITH UTILITY COMPANY REPRESENTATIVES LISTED IN THE SPECIAL PROVISION, 1.07 - LEGAL RELATIONS AND RESPONSIBILITIES.

COORDINATE AND SCHEDULE THE FOLLOWING WORK BY FRONTIER:

- REPLACE UTILITY POLE AT# 6241 WITH A 45' CLASS 2 POLE.
- REPLACE UTILITY POLE SNET #5650 WITH A 45' CLASS 2 POLE.
- REPLACE UTILITY POLE SNET #5649 WITH A 45' CLASS 2 POLE.
- ATTACH HANGING COMMUNICATION WIRES TO UTILITY POLE FRONTIER 7328

COORDINATE AND SCHEDULE THE FOLLOWING WORK BY EVERSOURCE:

- RELOCATE OVERHEAD FACILITIES ON UTILITY POLE AT# 6241 AFTER FRONTIER POLE CHANGES.
- RELOCATE OVERHEAD FACILITIES ON UTILITY POLE SNET #5650 AFTER FRONTIER POLE CHANGES.
- RELOCATE OVERHEAD FACILITIES ON UTILITY POLE SNET #5649 AFTER FRONTIER POLE CHANGES.
- RAISE SECONDARY CABLES ON UTILITY POLE AT# 6241 BY APPROXIMATELY 6'.
- RAISE SECONDARY CABLES ON UTILITY POLE SNET #5649 BY APPROXIMATELY 1' 4" TO ACCOMMODATE FOR HEIGHT INCREASES ON OTHER UTILITY POLES.

VIDEO DETECTOR LOCATIONS ARE FOR ILLUSTRATION ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY THE MANUFACTURER OR HIS DESIGNATED REPRESENTATIVE. DETECTOR CABLES ARE TO BE INSTALLED CONTINUOUS BETWEEN EACH DETECTOR AND THE CONTROLLER CABINET.

PRIORITY	PRE-EMPT 1		PRE-EMPT 2	
	NO	YES	NO	YES
DET. LOCK	NO	YES	NO	YES
DELAY	0	0	0	0
ALT. MIN. GRN	5	5	5	5
ALT. YELLOW	PARENT	PARENT	PARENT	PARENT
ALT. RED	PARENT	PARENT	PARENT	PARENT
ALT. PED. CLR.	PARENT	PARENT	PARENT	PARENT
HOLD GREEN	15	15	15	15
HOLD YELLOW	3.0	3.3	3.0	3.3
HOLD RED	1.0	1.0	1.0	1.0
HOLD PHASE	1	4	1	4
EXIT PHASE	2	2	2	2
EXIT CALL	NONE	NONE	NONE	NONE

CONTRACTOR TO REVISE PAVEMENT MARKINGS AS INDICATED BELOW

INSTALL NEW CROSSWALK ON ON RT. 117 NORTH LEG.

INSTALL DOUBLE YELLOW LINES TO CREATE PAINTED ISLAND AS SHOWN ON THE ROUTE 117 SOUTH LEG

REPAINT LEFT TURN PAVEMENT ARROWS ON RT. 117 NORTH LEG.

REPAINT ALL STOP BARS.

INSTALL 150' OF SOLID WHITE LANE LINE ON RT. 117 NORTH LEG LEFT TURN LANE.

EMERGENCY PRE-EMPTION NOTES

INSTALL AUXILIARY EQUIPMENT CABINET ON LEFT SIDE OF CONTROLLER CABINET. INSTALL PRE-EMPTION EQUIPMENT IN AUXILIARY CABINET.

CONTRACTOR TO INSTALL A SWITCH IN THE SIGNAL CABINET TO EFFECTIVELY DISCONNECT THE PRE-EMPTION EQUIPMENT FROM THE TRAFFIC SIGNAL CONTROLLER.

PRE-EMPTION DETECTOR LOCATIONS ARE FOR ILLUSTRATION ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY THE MANUFACTURER OR HIS DESIGNATED REPRESENTATIVE. DETECTOR CABLES ARE TO BE INSTALLED CONTINUOUS BETWEEN EACH DETECTOR AND THE AUXILIARY EQUIPMENT CABINET.

DESIGN INITIATED CHANGE ORDER NO. 1 02/18/22		REV #	INTERSECTION # 071-212
ENGINEER	JONAS LUCCEUS	ELECTRICAL DESIGN	WALEED TELLAWI
DRAWN BY	JONAS LUCCEUS	WALEED TELLAWI	
CHECKED BY	DANIEL VERONESI	RAJA POLINENI	
SUBMITTED BY	GREGORY PALMER	JORGE M. KULJIS	
APPROVED BY	MARK F. MAKUCH	MARK F. MAKUCH	
APPROVED DATE	02/05/2021	02/05/2021	

NO.	DATE	REVISION DESCRIPTION
02/22		RELOCATED CROSSWALK TO NORTH LEG

LEGEND:	TRAFFIC SIGNAL FACE	PROPOSED CONTROLLER	VIDEO CAMERA CABLE
R, Y, G RED, YEL, GRN	EXISTING WOOD SPAN POLE	EXISTING CONTROLLER	CABLE CLOSURE
RED ARROW	PROPOSED STEEL SPAN POLE	EXISTING SIGNAL FACE	WIRELESS SENSOR
GREEN ARROW	EXISTING STEEL SPAN POLE	DET. LEADS IN SAW CUT	WIRELESS RECEIVER
WALK/ PED. CLR	PROPOSED RMC (RIGID METAL CONDUIT)	EXISTING RMC (RIGID METAL CONDUIT)	WIRELESS TRANSCIEVER
D.W. DON'T WALK	EXISTING UTILITY POLE	EXISTING UTILITY POLE	GUY WIRE
FLASHING	EXISTING UTILITY POLE	AUXILIARY EQUIPMENT CABINET	PROPOSED HANDHOLE
	PEDESTAL MOUNTING	VIDEO DETECTION ZONE	EXISTING HANDHOLE
	PEDESTAL PUSH BUTTON & SIGN		
	DIRECTIONAL ARW. FOR PUSH BUTTON		

Weston & Sampson

712 Brook Street Suite 103, Rocky Hill, CT 06067
860.513.1473 800.SAMPSON
www.westonandsampson.com

ROUTE 117 (CENTER GROTON ROAD AND COLONEL LEDYARD HIGHWAY) AT COLONEL LEDYARD HIGHWAY

TOWN:	PROJECT NO.
LEDYARD	0172-0476
DRAWING TITLE:	DRAWING NO.
TRAFFIC CONTROL SIGNAL PLAN	TCS-07
SHEET NO.	