







GENERAL NOTES

CONTRACTORS AND OTHER USERS OF THIS PLAN ARE HEREBY WARNED THAT APPROVAL OF THIS PLAN BY THE PROPER STATE & LOCAL OFFICIALS IS REQUIRED PRIOR TO CONSTRUCTION. ALL CONTRACTORS AND USERS OF THIS PLAN MUST BE CERTAIN THAT THEY ARE USING AN APPROVED PLAN FOR CONTRACT AND CONSTRUCTION PURPOSES.

PRIOR TO CONTRACT BIDDING, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION.

THE PROJECT AREA SHALL BE CLEANED DAILY BY THE CONTRACTOR, TO THE SATISFACTION OF THE TOWN OF FRANKLIN, AND STATE OF CONNECTICUT D.O.T.

THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL CONSTRUCTION, AND TRAFFIC SIGNAGE AS DETAILED ON THESE PLANS, AND REQUESTED BY THE CT DOT OR THE TOWN OF FRANKLIN. THE CONTRACTOR IS ALSO RESPONSIBLE FOR REPLACING AND INSPECTING THE SIGN PATTERN DAILY TO ENSURE SIGNS HAVE NOT BEEN STOLEN OR KNOCKED DOWN. ANY MISSING SIGN SHALL BE REPLACED AT NO ADDITIONAL COST.

MURPHY ROAD WILL BE CLOSED TO THRU TRAFFIC FOR THE DURATION OF THIS PROJECT. THE CONTRACTOR SHALL PROVIDE ACCESS FOR THE THREE PROPERTIES AFFECTED BY THIS CLOSURE. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE FIRE DEPARTMENT AND THE FRANKLIN FIRST SELECTMAN OF THE ANTICIPATED WORK SCHEDULE, ROAD CLOSINGS, AND EMERGENCY ACCESS ROUTE.

ALL PIPE SHALL BE ADS N-12 HDCPP OR APPROVED EQUAL, PROPOSED PIPE SHALL BE INSTALLED TO PROVIDE 1 FOOT MINIMUM COVER, AND 0.5% MINIMUM PIPE SLOPE. ALL PIPE IS TO BE LAID ON A UNIFORM GRADE AND IN A STRAIGHT LINE. ALL PIPING INSTALLED SHALL BE BACKFILLED CAREFULLY WITH SELECT BACKFILL MATERIAL AS DETAILED ON THESE PLANS AND IN FULL ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS. ALL CULVERT BACKFILL SHALL BE COMPLETELY COMPACTED TO AVOID ANY MEASURABLE SETTLEMENT.

ALL TREES, STUMPS, STONE HEADWALLS, DEMOLITION MATERIALS AND DEBRIS ENCOUNTERED SHALL BE DISPOSED OF PROPERLY OFF SITE AND SHALL NOT BE BURIED ON SITE.

ALL PROPOSED CATCH BASIN AND MANHOLES SHALL BE PRECAST CONCRETE WITH STEEL GRATES OR APPROVED EQUAL. CATCH BASINS AND MANHOLES SHALL BE INSTALLED LEVEL AND ON SUITABLE STRUCTURAL SUBGRADE. ALL CATCH BASINS AND DRAINAGE MANHOLES SHALL BE INSTALLED TO PROVIDE A 2 FOOT MINIMUM SUMP.

PROPOSED ROADWAY WIDENING SECTION SHALL CONSIST OF 12" BANK RUN GRAVEL SUB—BASE MEETING GRADING "A" FOR THE REQUIREMENT FOR M.02.06, 4" PROCESS GRAVEL BASE MEETING THE REQUIREMENTS OF M.05.01, 2" CLASS I BINDER, AND 2" CLASS II WEARING COURSE, BOTH BINDER AND WEARING COURSE SHALL MEET THE REQUIREMENTS FOR M.04.03.

THE BINDER COURSE, ONCE INSTALLED, SHALL BE KEPT CLEAN AND FREE FROM DIRT AND DEBRIS, AND IF IT BECOMES DIRTY A A TACK COAT SHALL BE USED CONSISTING OF EMULSIFIED ASPHALT CONFORMING TO THE REQUIREMENTS OF ARTICLE M.04.01 OF THE STANDARD SPECIFICATIONS. THE EMULSIFIED ASPHALT SHALL BE RS-1, RAPID SETTING GRADE 1, OR SS-1 SLOW SETTING GRADE 1, ANIONIC EMULSION AND SHALL BE PLACED ON THE BINDER COURSE BEFORE WEARING COURSE IS INSTALLED. IN ALL AREAS OF PAVEMENT REPAIR, APPLICATION OF THE EMULSIFIED ASPHALT SHALL BE TO THE VERTICAL SIDES AND/OR THE SURFACE OF EXISTING PAVEMENT TO PROVIDE A BOND TO THE NEW PAVEMENT TO BE INSTALLED, CARE SHOULD BE TAKEN SO THAT THE EMULSIONS IS APPLIED IN A LAYER THICK ENOUGH TO ALLOW A BOND TO DEVELOP BUT THIN ENOUGH SO THAT "BLEEDING" OF THE ASPHALT DOES NOT OCCUR.

BITUMINOUS LEAK—OFFS SHALL BE A MINIMUM OF 2 FOOT WIDE AND SHALL CONSIST OF 6" MINIMUM OF COMPACTED PROCESSED GRAVEL BASE MEETING THE REQUIREMENTS OF M.05.01, AND 2" MINIMUM OF CLASS I BINDER COURSE, MEETING THE REQUIREMENTS FOR M.04.03.

PROPOSED FLARED ENDS SHALL BE SURROUNDED WITH MODIFIED RIP-RAP TO PROTECT SLOPE WITH THE MAXIMUM PERMISSIBLE SLOPE ON CULVERT OUTLETS TO BE 2:1.

PROPOSED REBUILDING OF MURPHY ROAD SHALL INCLUDE A FULL DEPTH RECLAMATION, ROAD REGRADING, INCREASING THE ROADWAY WIDTH TO 24 FT. MIN, AND THEN OVERLAID WITH ONE 2 INCH LAYER OF CLASS I BIT CONCRETE BASE AND THEN ONE 2 LAYER OF CLASS II BITUMINOUS CONCRETE MEETINGS THE REQUIREMENTS OF M.04.03.

UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS, AND CLEAN ALL STORM WATER CONTROLS TO THE SATISFACTION OF THE TOWN OF FRANKLIN, AND STATE OF CT WHERE APPLICABLE.

ALL CONSTRUCTION INDICATED ON THESE PLANS SHALL BE IN ACCORDANCE WITH THE STATE OF CONNECTICUT, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 817, 2016 OR AS AMENDED.

THE CONTRACTOR AND/OR OWNER MUST COMPLY WITH ALL RELEVANT TOWN AND STATE REGULATIONS DURING THE CONSTRUCTION PROPOSED ON THIS PLAN.

PRIOR TO ANY EXCAVATION ALL CONTRACTORS MUST CALL "CALL BEFORE YOU DIG" AT 1-800-922-4455 AND HAVE ALL UTILITIES MARKED ON THE GROUND. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IN ADDITIONAL TO CONTACTING CBYD; TO COORDINATE ALL EXCAVATION WORK WITH THE GAS COMPANY TO ENSURE NO DAMAGE TO THE UTILITY OCCURS.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE PLANS IS BASED ON LIMITED INVESTIGATION BY THE TOWN OF FRANKLIN, AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS, ACTUAL QUANTITIES, OR DISTRIBUTION OF QUANTITIES FOR WORK WHICH IS REQUIRED.

ALL GUIDERAIL SHALL CONFORM TO THE REQUIREMENTS OF M.10.04 OF FORM 817 AND SHALL INCLUDE ALL REQUIRED ELEMENTS, BOLTS, RADIUS COMPONENTS, POST, END ANCHORS, ETC. TO FURNISH A COMPLETE INSTALLATION.

EROSION AND SEDIMENTATION CONTROL NOTES

PROJECT DESCRIPTION:

THIS PROJECT IS THE WIDENING OF MURPHY ROAD AND THE RECONSTRUCTION OF THE MURPHY ROAD AND CT RT—87 INTERSECTION. THIS PROPOSED PROJECT CONSISTS OF ASSOCIATED ROADWAY AND DRAINAGE IMPROVEMENTS, ROAD RECLAMATION, AND PROPOSED PAVING OF MURPHY ROAD TO THE PROJECT LIMITS SHOWN HEREIN.

CONSTRUCTION SCHEDULE:

- A. CONDUCT PRECONSTRUCTION MEETING WITH THE CT DOT, TOWN OF FRANKLIN, AND THE CONTRACTOR
- B. MARK OUT, AND CONTACT CALL BEFORE YOU DIG TO HAVE ALL UNDERGROUND UTILITIES MARKED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- C. INSTALL E&S CONTROLS, AND CONSTRUCTION SIGNS AS SHOWN ON THESE PLANS
- D. CLEAR, GRUB, AND REMOVE ALL TREES AND BRUSH, AND DISPOSE OF DEBRIS OFF SITE.
- E. STRIP TOPSOIL FROM SOUTH SHOULDER OF MURPHY ROAD AND RELOCATE UTILITY POLES AS NEEDED
- F. EXCAVATE AND BOX OUT NEW EASTERLY SHOULDER OF MURPHY ROAD.
- G. INSTALL AND COMPACT NEW GRAVEL SUBBASE, AND BASE IN SOUTHERLY SHOULDER
- H. CLOSE MURPHY ROAD TO THRU TRAFFIC, AND STAGE CONSTRUCTION TO ALLOW FOR THE THREE PROPERTIES AFFECTED TO GET EMERGENCY ACCESS, AND PASSAGE.
- . REMOVE EXISTING HEADWALLS, CULVERTS, GUIDE POST AND METAL BEAM RAIL AS NEEDED.
- J. INSTALL PROPOSED CULVERTS, CATCH BASINS, AND DRAINAGE MANHOLE AS SHOWN.
- K. INSTALL NEW ADS FLARED ENDS WITH RIP-RAP.
- L. PERFORM FULL DEPTH ROAD RECLAMATION, AND INSTALL MILLED KEYWAYS ON THE NORTH AND SOUTH PROJECT LIMITS.
- M. PERFORM ROAD GRADING TO FACILITATE SURFACE WATER RUNOFF, AND TO SHIFT THE EXISTING CENTERLINE.
- N. FINISH GRADE SITE, INSTALL NEW GUIDERAILS AND SIGNS AND PAVE MURPHY ROAD AS SPECIFIED.
- O. TOPSOIL, FERTILIZE, SEED AND MULCH ALL REMAINING DISTURBED AREAS AND CLEAN UP THE SITE.
- P. INSTALL SINGLE YELLOW CENTERLINE STRIPE, AND STOP BAR

ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR THE START OF CONSTRUCTION AND SHALL REMAIN IN EFFECT UNTIL ALL DISTURBED AREAS ARE STABILIZED.

OPERATION AND MAINTENANCE:

IN GENERAL, EROSION AND SEDIMENTATION CONTROL AND RESTORATION MEASURES SHALL CONFORM TO THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION, AND TO LOCAL TOWN REQUIREMENTS.

THE CONTRACTOR SHALL MAKE SITE INSPECTIONS AT LEAST ONCE A WEEK, AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER, TO ENSURE EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES AND IMMEDIATELY MAKE NECESSARY REPAIRS.

WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA OR WHEN GRADING ACTIVITY HAS TEMPORARILY CEASED FOR A PERIOD OF TIME EXPECTED TO EXCEED ONE MONTH, TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT CONTROL MEASURES ARE IMPLEMENTED.

ADDITIONAL SEDIMENTATION AND/OR EROSION CONTROL MEASURES IF REQUESTED BY THE TOWN SHALL BE INSTALLED IMMEDIATELY UPON REQUEST.

THE CONTRACTOR SHALL INSTRUCT ALL VEHICLE DRIVERS TO CLEAN SOIL MATERIAL FROM TIRES PRIOR TO LEAVING THE SITE. ALL SOIL, MISCELLANEOUS DEBRIS, OR OTHER MATERIAL SPILLED, DUMPED, OR OTHERWISE DEPOSITED ON PUBLIC STREETS, HIGHWAYS, OR OTHER PUBLIC THOROUGHFARES DURING TRANSIT TO OR FROM THE SITE SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR, AT NO ADDITIONAL COST.

ALL DISTURBED AREAS SHALL BE PROTECTED WITH A MINIMUM VEGETATION COVER AS SHOWN IN ACCOMPANYING CHART.

THE CONTRACTOR SHALL PLAN ALL LAND DISTURBING ACTIVITIES IN A MANNER AS TO MINIMIZE THE EXTENT OF THE DISTURBED AREAS.

THE CONTRACTOR HEREBY ACKNOWLEDGES HIS RESPONSIBILITY TO INSTALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ON THIS SITE AND THAT HIS FAILURE TO INSTALL AND MAINTAIN THESE DEVICES COULD RESULT IN FINES OR SUSPENSION OF

ALL EROSION CONTROL MATERIALS SUCH AS SILT FENCE, AND HAYBALES SHALL BE REMOVED ONCE THE SITE IS FULLY STABILIZED AT NO ADDITIONAL CHARGE TO THE TOWN OF FRANKLIN.



