City of Torrington

ENGINEERING DEPARTMENT (860) 489-2234



140 Main Street • City Hall Torrington, CT 06790-5245 Fax: (860) 489-2550

ADDENDUM No. 1

DATE ISSUED: February 4, 2020

RE: "RECONSTRUCTION OF VARIOUS ROADS PHASE 2020.1"

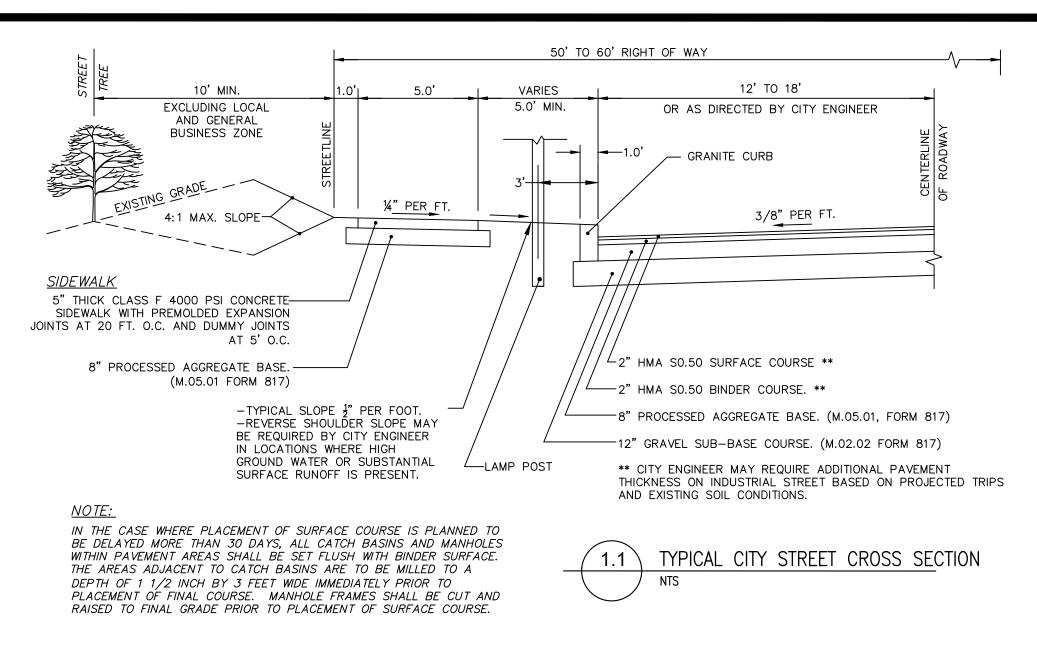
BID # RVR-027-021320

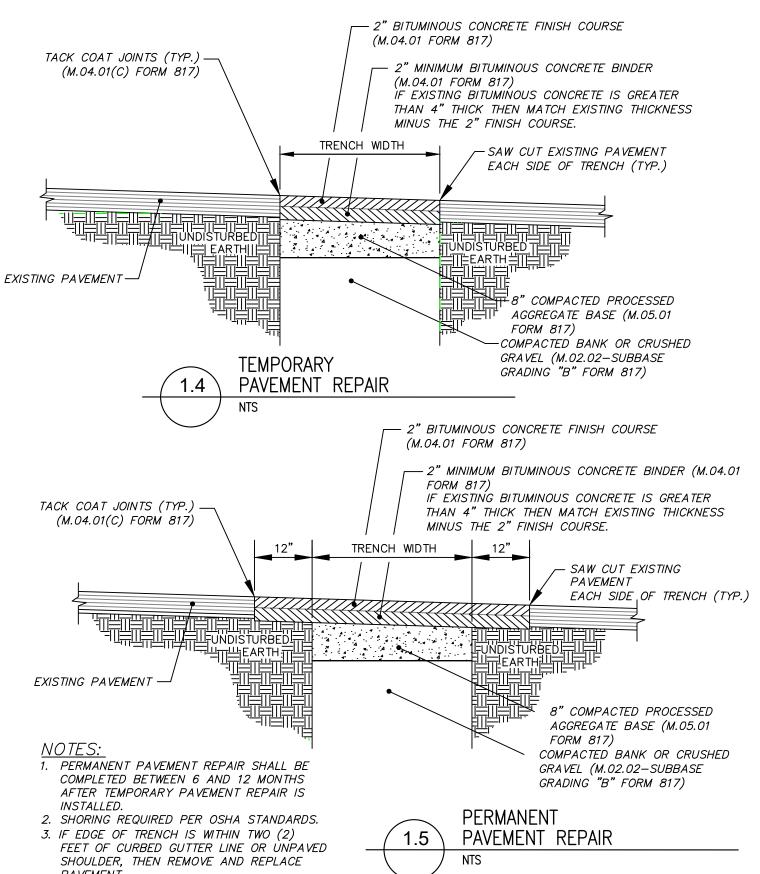
All bidders are hereby advised of the following amendments to the Contract Bid Documents, which are hereby made an integral part of the specifications for the subject project, prepared by The City of Torrington, to the same extent as all other documents. All work shall conform to the standards and provisions of same.

Bids submitted shall be deemed to include the Contract Document information as shown in Addendum No. 1. General bidders shall notify sub-bidders that may be affected by this addendum as applicable. Bidders shall be required to acknowledge receipt of this Addendum in the space provided on the Bid Proposal Form, Page BP-1. Failure to acknowledge this Addendum by the Bidder may result in the rejection of their bid. Bidders are directed to review changes to all portions of the work as changes to one portion may affect the work of another.

1. Replace pages SD-1, SD2A, SD2B, SD3, SD4, SD5, SD8 of Standard Details with the attached Standard Detail Sheets for Addendum #1, dated February 4, 2020.

END OF ADDENDUM No. 1





GENERAL CONCRETE SIDEWALK NOTES:

- 1. MAXIMUM SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE SIDEWALK RAMP OR ACCESSIBLE ROUTE SHOULD NOT EXCEED 20:1.
- 2. CARE SHALL BE TAKEN TO ASSURE UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND ABRUPT GRADE CHANGES.
- 3. ALL RAMPS SHALL BE CONSTRUCTED OF CLASS "F" CONCRETE IN ACCORDANCE WITH CONNECTICUT STANDARD SPECIFICATIONS ARTICLE M.03.01.
- 4. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP. THE SURFACE ALONG ACCESSIBLE ROUTES SHALL BE STABLE, FIRM AND SLIP RESISTANT IN COMPLIANCE WITH ADAAG SECTION 4.5.
- 5. DIAGONAL SIDEWALK RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
- 6. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION/CONTRACTION JOINT OR DUMMY JOINT. 12:1 MAY NOT BE ACHIEVABLE DUE TO SIDEWALK GRADE. IN RECOGNITION OF THIS, A MINIMUM LIMIT OF 15' FOR A PARALLEL RAMP SHALL BE USED. REMOVAL SHALL NOT BE FURTHER THAN 2' FROM THE PROPOSED RAMP UNLESS DIRECTED BY THE ENGINEER. SAW CUT REQUIRED FOR DUMMY JOINTS SHALL BE INCLUDED IN THE COST OF "CONCRETE SIDEWALK".
- 7. EXPANSION JOINTS IN CONCRETE SHALL MATCH THOSE IN ADJACENT SIDEWALKS BUT IN NO CASE SHALL THE SPACING BETWEEN EXPANSION JOINTS EXCEED 12' UNLESS OTHERWISE NOTED.
- 8. RAISED ISLANDS IN MARKED CROSSINGS SHALL HAVE SIDEWALK RAMPS AT BOTH SIDES AND A LEVEL AREA AT LEAST 4' LONG BETWEEN THE RAMPS. IF THIS CAN NOT BE ACHIEVED, THE RAISED ISLAND SHALL BE CUT THROUGH LEVEL WITH THE ROADWAY AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 9. SIDEWALK RAMPS SHALL BE CONSTRUCTED AND PAID FOR UNDER THE ITEM "CONCRETE SIDEWALK",
- INCLUDING CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP AND DETECTABLE WARNING STRIPS.

 10. CURRING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP SHALL BE CONSTRUCTED IN
- 10. CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE REQUIREMENTS OF FORM 814A SECTIONS 8.11 AND 8.13.
- 11. HANDICAP RAMPS CONFORMING WITH CONNECTICUT GENERAL STATUTES, SEC. 7—118a, SHALL BE INCORPORATED IN ALL PROPOSED SIDEWALKS AT ALL STREET INTERSECTIONS, AND AT ALL OTHER LOCATIONS WHERE THE GRADE OF A DRIVEWAY OR OTHER FACILITY TAKES PRECEDENCE OVER THE GRADE OF THE PROPOSED SIDEWALK.
- 12. TRANSITION TO FULL HEIGHT CURB. INSTALL STONE CURBING IF ADJACENT CURBING IS STONE. INSTALL CONCRETE CURBING IF ADJACENT CURBING IS CONCRETE OR BITUMINOUS.
- 13. INSTALL THE EDGE OF THE DETECTABLE WARNING 6" FROM THE EDGE OF ROAD.
- 14. TO PERMIT WHEELCHAIR WHEELS TO ROLL BETWEEN DOMES, ALIGN DOMES ON A SQUARE GRID. IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- 15. DETECTABLE WARNING PAD TO BE 2'x4" CAST-IN PLACE COMPOSITE TACTILE WITH INLINE DOME PATTERN WITH EMBEDMENT FLANGES SET FLUSH IN CAST-IN-PLACE CLASS F CONCRETE SIDEWALK.
- 16. FOR BITUMINOUS CONCRETE SIDEWALKS SET DETECTABLE WARNING PAD IN 4" THICK CONCRETE PAD WITH TOP OF DETECTABLE PAD SET FLUSH TO SIDEWALK GRADE. SEE DETAIL 2.14.

GENERAL NOTES:

- 1. ALL CONSTRUCTION SHALL COMPLY WITH PROJECT MANUAL; CITY OF TORRINGTON CT STANDARDS AND SPECIFICATIONS, AND STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 817 IN THE ABOVE REFERENCED HIERARCHY. IF SPECIFICATIONS AND PLANS ARE IN CONFLICT, THE MORE STRINGENT SHALL
- 2. REFER TO PLANS, DETAILS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL VERIFY ALL ROADWAY CONDITIONS IN THE FIELD AND CONTACT THE CITY ENGINEER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS, PROJECT SPECIFICATIONS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. MISPRINTS, AND TYPOGRAPHICAL ERRORS, SHALL NOT BE CONSIDERED AS LEGITIMATE CLAIMS FOR ADDITIONAL WORK OR ADDITIONAL PAYMENT.
- 3. DO NOT INTERRUPT EXISTING UTILITIES.
- 4. THE CONTRACTOR SHALL ABIDE BY ALL OSHA FEDERAL STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
- 5. THE CITY OF TORRINGTON IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE CITY OF TORRINGTON HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
- 6. THE CONTRACTOR SHALL COMPLY WITH CFR 29 PART 1926 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
- 7. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT 1-800-922-4455" AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
- 8. ALL CONTRACTORS AND SUBCONTRACTORS SHALL OBTAIN COMPLETE DRAWING PLAN SETS FOR BIDDING AND CONSTRUCTION.
- 9. ALL NOTES AND DIMENSIONS DESIGNATED "TYPICAL" APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PROJECT. IF A CONDITION EXISTS THAT THE TYPICAL DIMENSION, DETAIL, OR SECTION DOES NOT APPLY THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR FURTHER DIRECTION.
- 10. CONTRACTOR(S) TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE WORK AND BE RESPONSIBLE FOR COORDINATION OF SAME. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
- 11. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROJECT LIMITS AS SHOWN OR DESCRIBED BY THE CONTRACT DOCUMENTS SHALL BE RESTORED AT NO ADDITIONAL COST TO THE CITY.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORT OF EXISTING UTILITIES AND REPAIR OR REPLACEMENT COSTS OF UTILITIES DAMAGED DURING CONSTRUCTION OPERATIONS WHETHER ABOVE OR BELOW GRADE.
- 13. ALL UTILITIES LOCATED WITHIN THE PROJECT LIMITS INCLUDING BUT NOT LIMITED TO SEWER, WATER, GAS, ELECTRICITY, AND TELECOMMUNICATIONS, SHALL HAVE THERE RESPECTIVE COVERS, BOXES, ETC. SHALL BE SET TO FINAL GRADE. COORDINATE WORK WITH RESPECTIVE UTILITY COMPANIES. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS ITEM.
- 14. CONTRACTOR SHALL NOT DISTURB ANY AREA OUTSIDE THE LIMITS OF EASEMENTS AND RIGHT-OF-WAY.
- 15. ALL UTILITY AND DRAINAGE STRUCTURES LOCATED WITH IN THE PROJECT LIMITS SHALL BE RESET TO FINISHED GRADE, PER CITY OF TORRINGTON, AND C.D.O.T. STANDARDS AND SPECIFICATIONS.
- 16. ANY DISTURBANCE TO THE RIGHT OF WAY OUTSIDE THE LIMITS OF CONSTRUCTION AS SHOWN ON THESE PLANS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, AT THE EXPANSE OF THE CONTRACTOR.
- 17. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ALL UTILITY LOCATED WITHIN THE PROJECT LIMITS;

TORRINGTON WATER COMPANY
TORRINGTON SEWER DEPARTMENT
CABLE VISION OF LITCHFIELD
EVERSOURCE (GAS)
EVERSOURCE (ELECTRIC)

860-489-4149
860-489-9167
860-567-3103
203-596-3069
860-496-5278

Plan Showing
STANDARD DETAILS
SECTION 1.0
ROADWAY DETAILS

City of Torrington

FEBRUARY, 2019

Horiz Scale: AS SHOWN

Vert Scale: AS SHOWN

IMPORTANT NOTE:

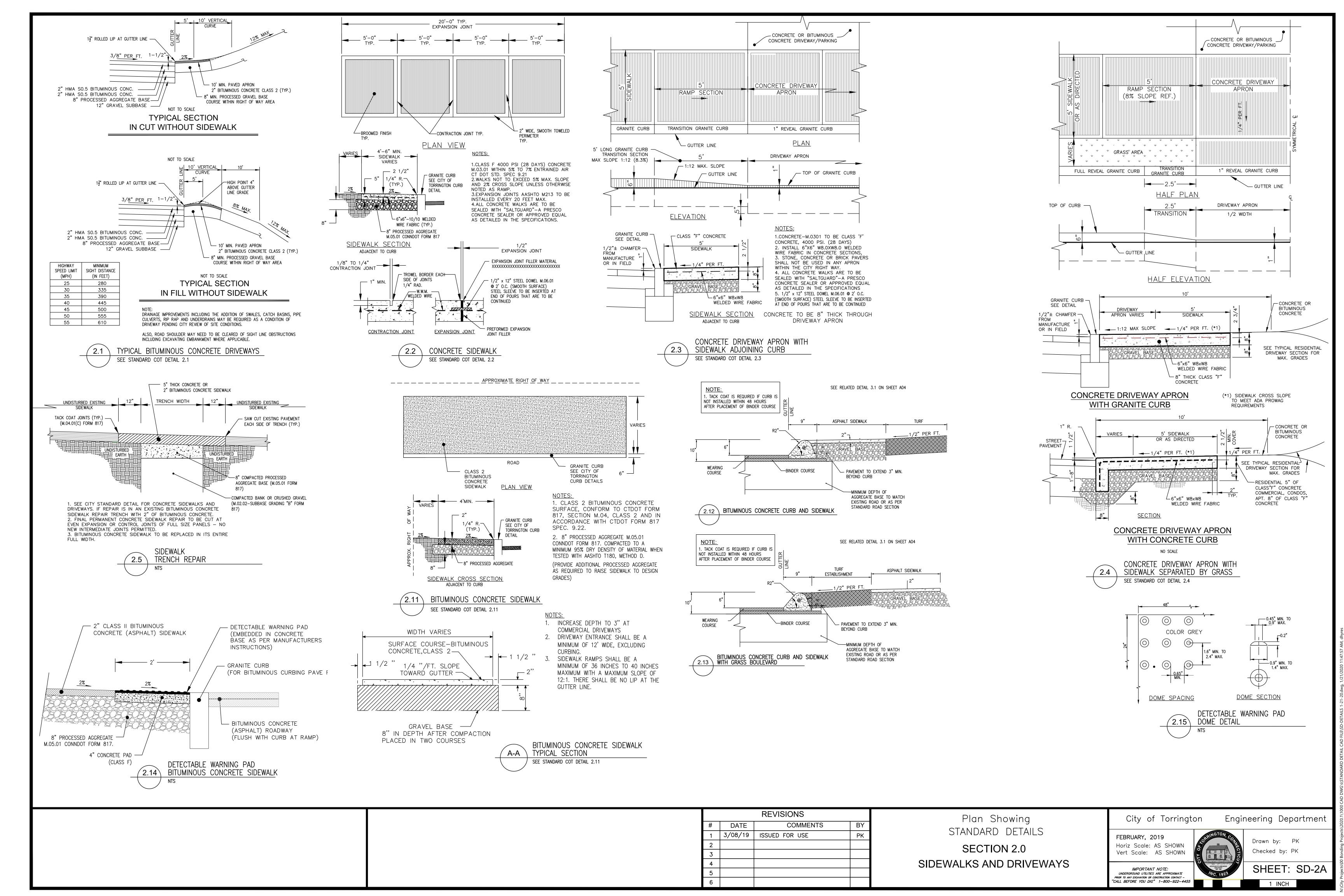
UNDERGROUND UTILITIES ARE APPROXIMATE
PRIOR TO ANY EXCAVATION OR CONSTRUCTION CONTACT "CALL BEFORE YOU DIG" 1-800-922-4455

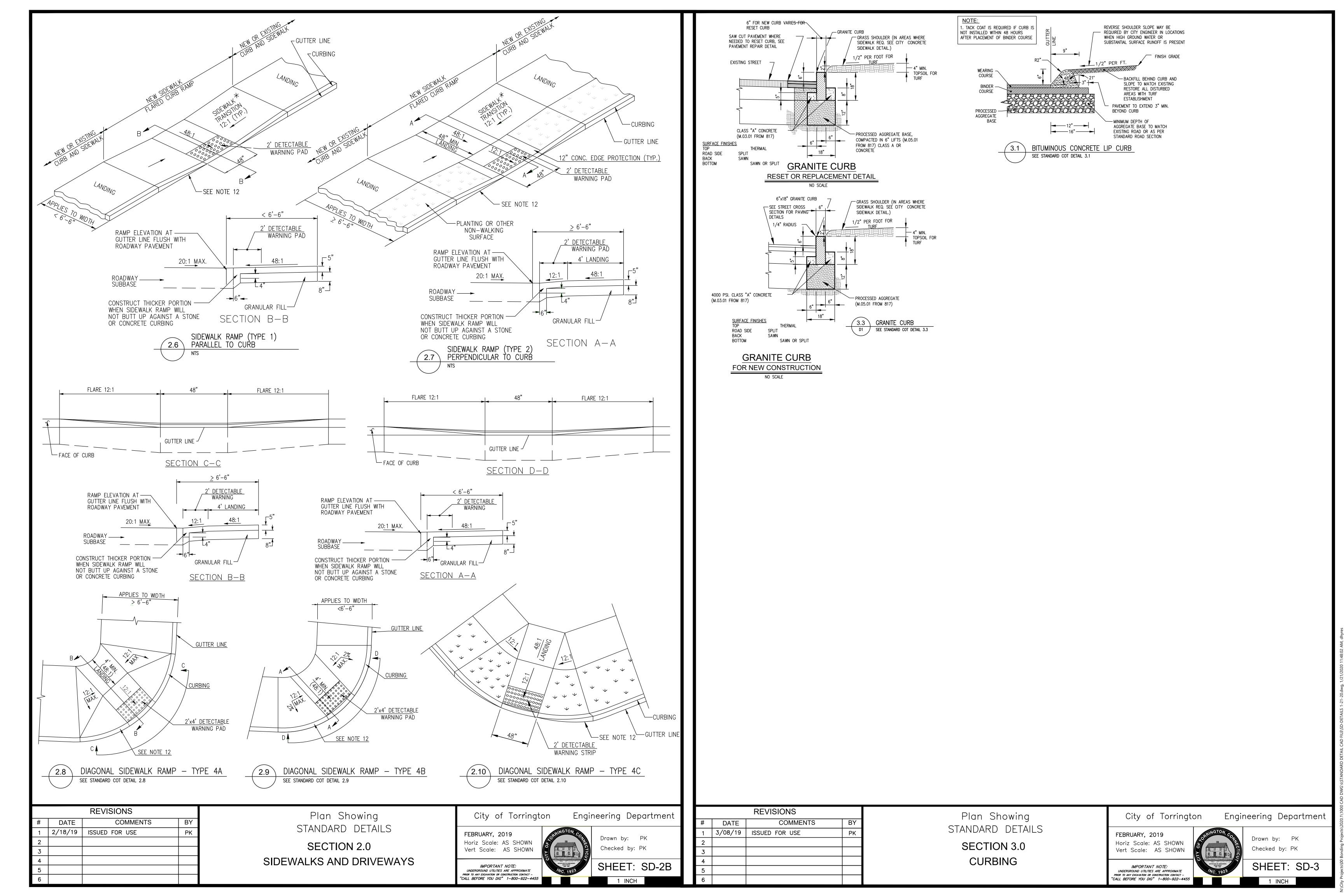
Engineering Department

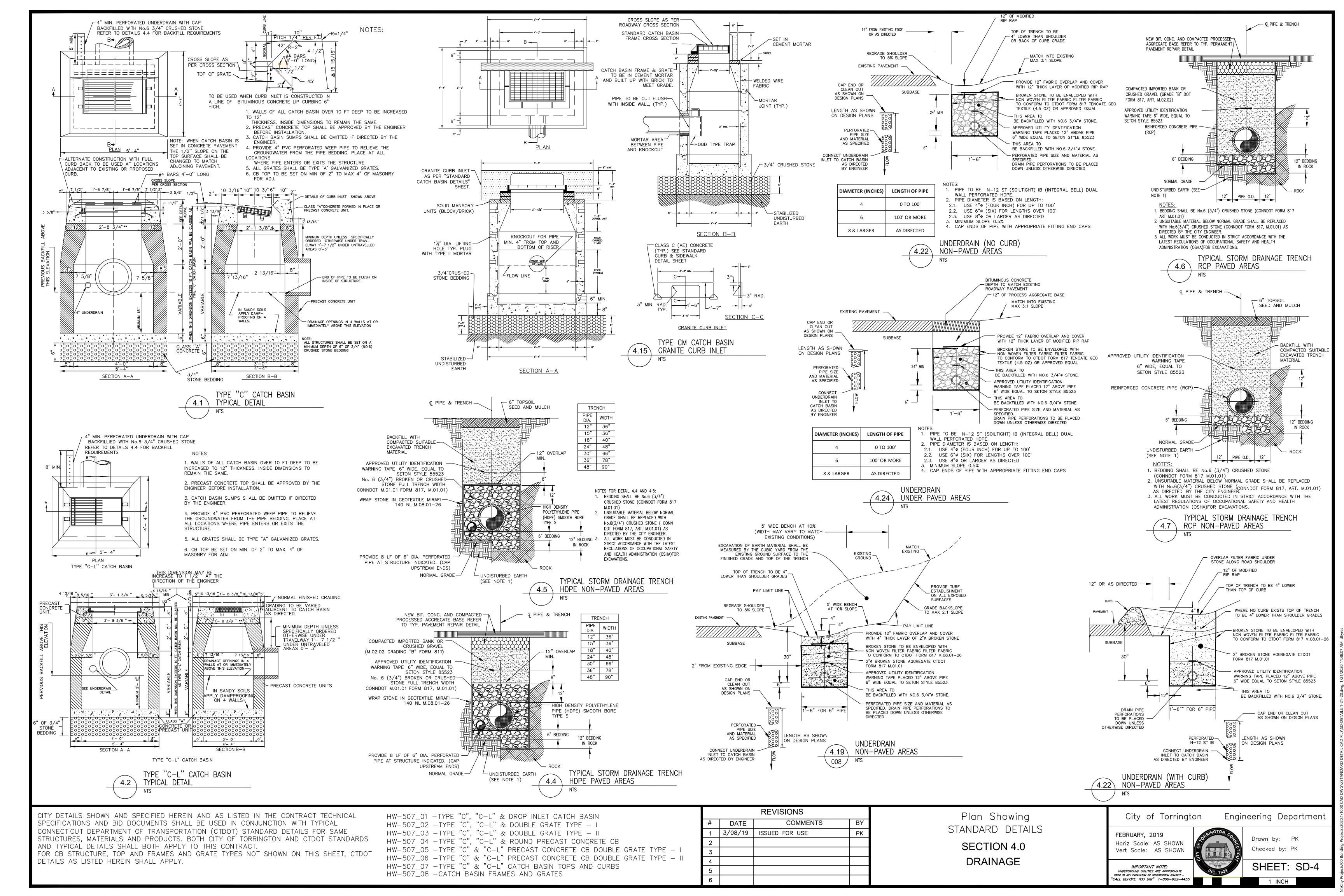
ACTION COLLINGTON, COLLINGTON,

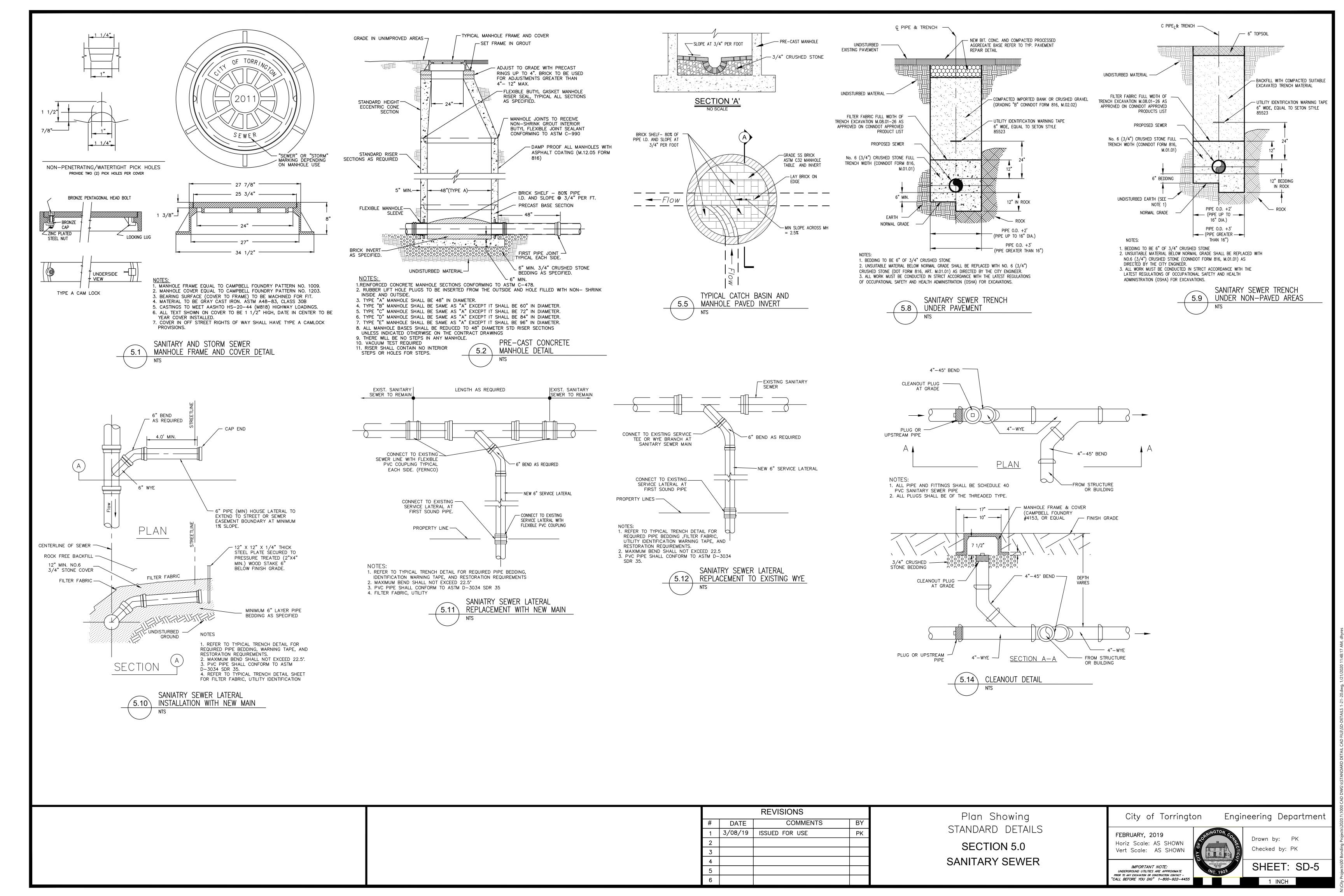
Drawn by: PK Checked by: PK

SHEET: SD-1









PAVEMENT MARKINGS 8.7 CROSSWALK DETAIL

-CROSSWALKS CROSSWALKS — SIGN # 31-0512 (TYP.) 8' MIN. LENGTH 8' MIN. LENGTH 16" WIDE BAR 24" WIDE SPACE (16) / 4" WHITE LANE LINE 16" WIDE BAR 24" WIDE SPACE 8' MIN. 7 (12) 20' MIN 8 → 10' TYP. TYP. ————4' MIN. 8 F ¹−8′ MIN. ⟨12⟩ └──4" WHITE BROKEN LANE LINE Ĺ4' MIN. -4" DOUBLE YELLOW CENTERLINE SIGN # 31-0510 (TYP.) PAVEMENT MARKINGS FOR 4" WHITE EDGE LINE -STOP BARS, YIELD LINES, AND CROSSWALKS 4" WHITE BROKEN LANE LINE

> PAVEMENT MARKINGS STOP BARS, YIELD LINES AND CROSSWALKS

LANE LINE (LL) EDGE LINE (EL) BICYCLE LANE LINE (BIKE-LL) CHANNELIZING LINE (CL) 10' BROKEN LANE LINE (BLL) DOTTED LANE LINE (DLL) DOTTED EXTENSION LINE (DEL) DOUBLE YELLOW DOTTED EXTENSION LINE (DYDEL) 10' SOLID YELLOW AND BROKEN LINE (SYBL) DOUBLE YELLOW CENTERLINE (DYCL) DOTTED BICYCLE EXTENSION LINE (D-BIKE-EL)

PAVEMENT MARKINGS

TYPICAL DETAILS

REVISIONS COMMENTS DATE 1 | 3/08/19 | ISSUED FOR USE 4

Plan Showing STANDARD DETAILS

SECTION 8.0 MISCELLANEOUS City of Torrington

IMPORTANT NOTE:

Engineering Department FEBRUARY, 2019

Horiz Scale: AS SHOWN Vert Scale: AS SHOWN UNDERGROUND UTILITIES ARE APPROXIMATE PRIOR TO ANY EXCAVATION OR CONSTRUCTION CONTACT - "CALL BEFORE YOU DIG" 1-800-922-4455

Drawn by: PK Checked by: PK

SHEET: SD-8 1 INCH

THAN 150 FEET.

NOTES:

STOP BARS AND YIELD LINES

1. STOP BARS AND YIELD LINES SHALL BE WHITE.

2. STOP BARS SHALL BE 12" MIN. UNLESS OTHERWISE NOTED ON PLANS.

3. STOP BARS TO BE PLACED A MINIMUM OF 4'IN ADVANCE OF THE NEAREST EDGE OF CROSSWALK AND SHOULD BE PLACED 90 ° TO THE CENTERLINE OF THE ROADWAY.

NOTES FOR PAVEMENT MARKINGS

4. IN THE ABSENCE OF A MARKED CROSSWALK THE STOP BAR SHOULD BE PLACED 90° THE CENTERLINE OF THE ROADWAY, AT THE DESIRED STOPPING POINT AT LEAST 5' AND NO MORE THAN 30' FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY.

5. THE STOP SIGN SHOULD BE PLACED IN LINE WITH THE STOP BAR. HOWEVER, IF THE STOP SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLES ARE EXPECTED TO STOP, THE STOP BAR SHOULD BE PLACED AT THE STOPPING POINT.

6. FOR STOP BARS AT RAMPS SEE DETAILS "R", "S", "T", & "U" AND NOTES ON TRAFFIC STANDARD SHEET TR-1210 07 "PAVEMENT MARKINGS FOR DIVIDED HIGHWAYS EXIT RAMPS".

7. FOR YIELD LINE INSTALLATIONS, ONLY FULL TRIANGLES ARE TO BE INSTALLED.

(8) MID-BLOCK CROSSWALKS ARE CROSSWALKS LOCATED MORE THAN 50 FEET FROM A SIGNALIZED OR UNSIGNALIZED INTERSECTION. YIELD LINES ASSOCIATED WITH MIDBLOCK CROSSWALKS SHALL BE INSTALLED AND SHOULD BE LOCATED 20 TO 50 FEET IN ADVANCE OF THE NEAREST CROSSWALK LINE OR AS DIRECTED BY THE ENGINEER.

WHERE A YIELD LINE EXISTS ON AN APPROACH TO A CROSSWALK, THE APPROAPRIATE "YIELD TO PEDESTRIANS" SIGN IS REQUIRED.

(9) FOR CROSSWALKS AT UNSIGNALIZED INTERSECTIONS WITH MINOR STREET STOP CONTROL, YIELD LINES SHALL BE INSTALLED ON MULTI-LANE APPROACHES, BUT NOT SINGLE LANE APPROACHES.

10. THE YIELD SIGN SHOULD BE PLACED IN LINE WITH A YIELD LINE. HOWEVER, IF THE YIELD SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLES ARE EXPECTED TO YIELD, THE YIELD LINE SHOULD BE PLACED AT THE YIELDING POINT.

CROSSWALKS

11. CROSSWALK MARKINGS SHALL BE WHITE.

(12) AT LOCATIONS WHERE THE CROSSWALK IS SKEWED, BARS TO BE PARALLEL TO Q AND ENDS OF BARS TO BE PARALLEL. THE LENGTH OF THE BARS WILL VARY DEPENDING ON THE ANGLE OF SKEW.

13. BARS SHOULD BE NO CLOSER THAN 1'FROM EDGE OF ROAD.

14. ONLY FULL LENGTH BARS ARE TO BE INSTALLED.

15. DECORATIVE CROSSWALKS SHALL BE BANDED FROM CURB TO CURB WITH A MINIMUM 12" WIDE WHITE TRANSVERSE LINE ALONG EACH EDGE.

(16) 24" WIDE SPACE TO BE CENTERED ON YELLOW CENTERLINE.

PAVEMENT MARKINGS FOR TURNING LANES

17 INSTALL AT LEAST TWO ARROWS PER LANE WHERE STORAGE LENGTH IS GREATER