

CONSTRUCTION SPECIFICATIONS – GENERAL NOTES

F.A. NTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	84-P4051-00-BR	DUPAGE	64	2

CONTRACT NO. 83560

SANITARY SEWER, STORM SEWER, WATERMAIN

- ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION TO VERIFY IN THE FIELD ALL EXISTING AND UNDERGROUND UTILITIES ADJACENT TO THE PROJECT, AND BE RESPONSIBLE FOR PROTECTION OF SAME. THE CONTRACTOR SHALL ALSO NOTIFY THE CONSTRUCTION DIVISION OF THE MUNICIPALITY AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION.
- ALL STORM MANHOLE, VALVE VAULT, OR CATCH BASIN ADJUSTMENT OF FRAMES SHALL BE MADE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- ALL DRAINAGE STRUCTURES TO HAVE POURED INVERTS CONFORMING TO THE SHAPE OF THE PIPE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BEWARE OF POTENTIAL CONFLICTS WITH EXISTING UTILITIES AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL EXCAVATE AROUND UTILITIES TO DETERMINE ELEVATIONS BEFORE BEGINNING CONSTRUCTION.
- "BAND-SEAL" OR SIMILAR COUPLINGS SHALL BE USED WHEN JOINING SEWER PIPES OF DISSIMILAR MATERIALS IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- ALL EXISTING FIELD DRAINAGE TILE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION, PROPERLY REROUTED AND/OR CONNECTED TO THE STORM SEWER SYSTEM. ALL LOCATIONS OF ENCOUNTERED FIELD DRAINAGE TILE SHALL BE PROPERLY INDICATED ON THE RECORD SET OF RECORD DRAWINGS.
- AT THE COMPLETION OF THIS PROJECT ONE SET OF RECORD DRAWINGS IS TO BE SUBMITTED TO THE ENGINEER SHOWING THE LOCATION OF ALL OF THE SERVICES, PIPES AND STRUCTURES. THE CONTRACTOR SHALL FURNISH RECORD DRAWING INFORMATION TO THE OWNER DEFINING SANITARY SEWER WYE LOCATIONS FROM THE NEAREST DOWNSTREAM MANHOLE AND THE DISTANCE FROM THE SANITARY SEWER TERMINUS AND ALSO HORIZONTAL TIES BETWEEN WATER B-BOXES AND PROPERTY LINES. A STATEMENT SHALL BE ATTACHED TO THE RECORD MYLAR DRAWINGS THAT "ALL CONSTRUCTION WAS IN SUBSTANTIAL CONFORMANCE WITH THE ENGINEERING PLANS AND SPECIFICATIONS".
- CONNECTIONS TO EXISTING STORM SYSTEM SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- GRANULAR TRENCH BACKFILL SHALL BE USED IN ALL LOCATIONS WHERE THE PROPOSED UNDERGROUND UTILITY IS TO BE CONSTRUCTED UNDER PERMANENT TYPE PAVEMENTS; IN ANY UTILITY TRENCH OVER WHICH ANOTHER UTILITY WILL PASS; OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- THE COST OF PIPE BEDDING WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE CONTRACT UNIT PRICES OF THE VARIOUS SEWER ITEMS.
- ALL STORM SEWER JOINTS SHALL BE CONSTRUCTED UTILIZING "O" RING GASKETS CONFORMING TO IDOT STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL PIPE LINE CROSSINGS PRIOR TO COMMENCEMENT OF ANY UNDERGROUND IMPROVEMENT CONSTRUCTION. ENGINEER SHALL BE NOTIFIED OF VERTICAL CONFLICTS IMMEDIATELY.

**FOR UNDERGROUND UTILITY
LOCATIONS, CALL
J.U.L.I.E.
TOLL FREE
TEL. 1-800-892-0123**

GENERAL

- WITHIN THE CONSTRUCTION SPECIFICATIONS SHOWN HEREON THE "OWNER" REFERS TO WHEATON PARK DISTRICT AND "CONTRACTOR" REFERS TO THE COMPANY PERFORMING THE WORK.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE JANUARY 1, 2002 EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", 1996 EDITION, THE NATIONAL ELECTRIC CODE AND THE SUBDIVISION AND DEVELOPMENT CODES AND STANDARDS AS PUBLISHED BY THE CITY OF WHEATON. ALL WORK, INCLUDING SOIL EROSION CONTROL, SHALL ALSO BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL [I.U.M.]. IN THE EVENT OF CONFLICTING SPECIFICATIONS, THE ENGINEER AND OWNER SHALL DECIDE WHICH SPECIFICATION SHALL PREVAIL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING EACH OF THE UTILITY COMPANIES BEFORE ANY WORK IS STARTED. ALL UTILITIES MUST BE STAKED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL INFORM THE VILLAGE ENGINEER AND THE MUNICIPALITY BEFORE WORK COMMENCES ON EACH CATEGORY OF CONSTRUCTION, I.E. WATERMAIN, SANITARY, STREET AND DRAINAGE IMPROVEMENT. A FORTY EIGHT (48) HOUR NOTICE SHALL BE GIVEN FOR ANY ITEM THAT REQUIRE FINAL TESTING AND INSPECTION SUCH AS WATERMANS OR SANITARY SEWERS.
- THE CONTRACTOR SHALL CALL THE ATTENTION OF THE OWNER'S REPRESENTATIVE TO ANY ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES WHICH ARE ESTABLISHED BY THE CONTRACTOR, AND SHALL NOT PROCEED WITH THE WORK UNTIL ANY LINES AND GRADES WHICH ARE BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE OWNER'S REPRESENTATIVE.
- CONTRACTORS SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS AND WHEN NECESSARY, CLEAN PAVEMENTS ON A DAILY BASIS. THIS WORK AND THE STABILIZED CONSTRUCTION ENTRANCE WORK IS TO BE PERFORMED IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- ANY BRACING, SHEETING, OR SPECIAL CONSTRUCTION METHODS DEEMED NECESSARY BY THE CONTRACTOR IN ORDER TO INSTALL THE PROPOSED IMPROVEMENTS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PROJECT. ANY ADDITIONAL SOILS DATA NEEDED TO CONFIRM THE CONTRACTOR'S OPINIONS OF THE SUBSOIL CONDITIONS SHALL BE DONE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL OBTAIN THE OWNER'S WRITTEN AUTHORIZATION TO ACCESS THE SITE TO CONDUCT A SUPPLEMENTAL SOILS INVESTIGATION.
- NO NOTE
- THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND IDOT STANDARD SPECIFICATIONS.

EARTHWORK AND GRADING

- WORK UNDER THIS SECTION SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS:
 - CLEARING AND REMOVAL OF ALL UNDESIRABLE TREES AND OTHER VEGETATIVE GROWTH WITHIN THE CONSTRUCTION AREA. TREE REMOVAL SHALL BE DESIGNATED BY THE OWNER AND SHALL BE KEPT TO A MINIMUM.
 - STRIPPING OF TOPSOIL FROM ALL STREET, DRIVEWAY, PARKING LOT, RIGHT-OF-WAY, BUILDING PAD AND OTHER DESIGNATED STRUCTURAL AREAS.
 - REMOVAL OF UNSUITABLE MATERIALS AS SPECIFIED FROM BIKE PATH, PEDESTRIAN PATH AND OTHER DESIGNATED AREAS.
 - CLAY CUT AND CLAY FILL WITH COMPACTION WITHIN BIKE PATH, PEDESTRIAN PATH AND OTHER DESIGNATED AREAS.
 - EXCAVATION AND GRADING OF THE OPEN SPACE, CONSTRUCTION OF EMBANKMENT, ETC.
 - PLACEMENT AND COMPACTION OF STRUCTURAL MATERIAL TO THE DESIGN SUBGRADE ELEVATIONS AS REQUIRED BY THE STANDARDS AND DETAILS ON THE CONSTRUCTION PLANS. THE CONTRACTOR WILL NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE ELEVATIONS AND THAT PAVEMENT AND/OR TOPSOIL REPLACEMENT THICKNESS MUST BE SUBTRACTED TO DETERMINE SUBGRADE ELEVATIONS.
 - IF REQUIRED, BORROW PIT EXCAVATION OF STRUCTURAL MATERIAL AND REFILL OF PIT WITH NON-STRUCTURAL MATERIAL.
 - PLACEMENT AND COMPACTION OF NON-STRUCTURAL FILLS.
 - FINAL SHAPING AND TRIMMING TO THE LINES, GRADES, AND CROSS-SECTIONS SHOWN IN THESE PLANS, AND TOPSOIL PLACEMENT TO DESIGN FINISHED GRADE ELEVATIONS.
 - SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS.
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS AND SHALL NOTIFY THE ENGINEER AT ONCE OF ANY DISCREPANCIES. THE CONTRACTOR SHALL EXAMINE THE DRAINAGE PATTERNS SHOWN ON THE PLANS AND MAKE CERTAIN THAT ALL PAVEMENTS ARE PITCHED PROPERLY TO ACHIEVE THIS DRAINAGE PATTERN.
- NO NOTE
- DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL INSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR ANY OTHER ACCEPTABLE METHOD IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIAL CREATED AS A RESULT THEREOF.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- THE GRADING OPERATIONS ARE TO BE CLOSELY SUPERVISED AND INSPECTED, PARTICULARLY DURING THE REMOVAL OF UNSUITABLE MATERIAL AND THE CONSTRUCTION OF EMBANKMENTS, BY THE SOILS ENGINEER OR HIS REPRESENTATIVE. ALL TESTING, INSPECTION AND SUPERVISION OF SOIL QUALITY, UNSUITABLE REMOVAL AND ITS REPLACEMENT AND OTHER SOILS RELATED OPERATIONS SHALL BE ENTIRELY THE RESPONSIBILITY OF THE SOILS ENGINEER. NO UNDERCUT SHALL BE PERFORMED WITHOUT AUTHORIZATION FROM OWNER.
- THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER. ALL AREAS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISH GRADE. TOPSOIL IS TO BE PLACED IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- THE SELECTED STRUCTURAL FILL MATERIAL SHALL BE PLACED IN LEVEL UNIFORM LAYERS IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- EMBANKMENT MATERIAL WITHIN BIKE PATH/PEDESTRIAN PATH AND OTHER STRUCTURAL CLAY FILL AREAS SHALL BE COMPACTED IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- THE SURFACE VEGETATION, TOPSOIL AND ANY OBVIOUSLY SOFT UNDERLYING SOIL SHOULD BE STRIPPED FROM ALL AREAS TO RECEIVE STRUCTURAL FILL. IF THE UNDERLYING SUBGRADE SOILS RUT DEEPER THAN ONE INCH UNDER THE CONSTRUCTION EQUIPMENT OR IF THE MOISTURE CONTENT EXCEEDS THAT NEEDED FOR PROPER COMPACTION, THE SOIL SHALL BE SCARIFIED, DRIED AND RECOMPACTED TO THE REQUIRED SPECIFICATIONS (SEE SECTION 301.03 OF THE IDOT SPECIFICATIONS).
- COMPLETED GRADING (FINISHED FINE GRADE) FOR PROPOSED PAVEMENT SUBGRADE AREAS, SHALL BE WITHIN A TOLERANCE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.

TAB: GENNOTE1

Copyright © 2004 Cemcon, Ltd. All rights reserved.

PREPARED FOR:
WHEATON PARK DISTRICT
666 S. MAIN STREET
WHEATON, IL 60187



PREPARED BY:
CEMCON, Ltd.
Consulting Engineers, Land Surveyors & Planners
2280 White Oak Circle, Suite 100
Aurora, Illinois 60504-9675
Ph: 630.862.2100 Fax: 630.862.2199
E-Mail: cadd@cemcon.com Website: www.cemcon.com

REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

CONSTRUCTION SPECIFICATIONS – GENERAL NOTES

PEDESTRIAN/BICYCLE BRIDGE OVER UNION PACIFIC RAILROAD

FILE NAME: GENNOTES	DSGN. BY: RDS	JOB NO.: 551007	FLD. BK./PG.: -----	SHEET NO.
DIR: R\551007	DRN. BY: DRA	DATE: 04-26-04	SCALE: 1" = N.T.S.	2 of 54