SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "ADOPTED JANUARY 1, 2007 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," ADOPTED JANUARY 1, 2011; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS", FIFTH EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE PLANS.

UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING AND PROPOSED UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE IN ACCORDANCE WITH 105.07.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS IN ADVANCE OF ALL WATER MAIN SHUT DOWNS, UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS.

THE FOLLOWING UTILITIES ARE PRESENT WITHIN THE PROJECT LIMITS:

MR. WALLY ZDON 815-337-4340

MR. MARK STONIKAS

(815) 356-3615

MR. MIKE LENOX PROJECT ENGINEER

MR. TOM BUHER 708-458-6410

815-490-2869 CITY OF CRYSTAL LAKE

NICOR MS. CONSTANCE LANE 630-388-3830

MR. CORNELIO DELACERDA

847-346-3221

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE BACK OF CURB, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN AT POINTS OF CURVE, ETC., ARE TOP OF CURB, UNLESS OTHERWISE NOTED.

STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS: A) FOR STRUCTURES FALLING IN THE CURB LINE—TO THE BACK OF CURB; B) FOR ALL OTHER STRUCTURES—TO THE CENTER OF THE STRUCTURE.

ALL ELEVATIONS ARE ON U.S.G.S. DATUM.

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, BACKS OF CURB, ETC. ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.

SEWER AND WATER MAINS

ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY, PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DRAINAGE ITEMS.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN IN AN OPERATING CONDITION TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DRAINAGE ITEMS.

THE COST OF INTERCONNECTIONS BETWEEN THE PROPOSED AND EXISTING SEWER SYSTEMS AND PROPOSED AND EXISTING WATER MAIN SYSTEMS SHALL BE INCLUDED IN THE VARIOUS UNIT PRICES OF THE ITEMS BEING CONNECTED.

ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY OF THE OWNER, AS APPLICABLE. ANY ITEMS DAMAGED DURING REMOVAL SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF SALVAGING EXISTING FRAMES, GRATES, LIDS, OR BOXES AND/OR STOCKPILING THEM ON THE JOB SITE FOR DELIVERY TO THE OWNER'S MAINTENANCE YARD SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR ANY MANHOLE, CATCH BASIN, INLET, DRY WELL, VALVE VAULT, OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: FOR STORM SEWER STRUCTURES--"STORM". FOR SANITARY SEWER STRUCTURES--"SANITARY". FOR WATER SYSTEM STRUCTURES--"WATER". ANY ADDITIONAL COST FOR THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE FRAME AND CLOSED LID PROVIDED.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED.

DESIGNED - BD

DRAWN - DC

CHECKED - BD

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WATER MAIN SHALL HAVE A MINIMUM COVER OF SIX (6) FEET, AND A MAXIMUM COVER OF (8) EIGHT FEET.

ANY WATER VALVES LEFT IN PLACE FOR FIRE HYDRANT MOVES WILL REQUIRE THE REPLACEMENT OF THE BOLTS AND TIE RODS WITH STAINLESS STEEL.

ALL VALVE BARRELS WILL BE REMOVED FROM VALVES TO BE ABANDONED.

USER NAME = cesario

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PLOT SCALE = 50.0000 '/ IN.

LOT DATE = 9/14/201

ALL FIRE HYDRANT RELOCATIONS AND MOVES REQUIRE A NEW VALVE AND VALVE BOX. COORDINATE WITH THE ENGINEER FOR SCHEDULING ALL WATER SYSTEM WORK.

1\396-064 Pingree Road\CADD_Sheets\Id

FILE NAME

THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS, AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT, UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE ITEMS "TEMPORARY ACCESS (COMMERCIAL ENTRANCE) AND TEMPORARY ACCESS (ROAD).

SAWING OF REMOVAL ITEMS AS NOTED ON THE PLANS, SPECIFIED IN THE STANDARD SPECIFICATIONS, OR AS REQUIRED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

THE THICKNESS OF BITUMINOUS MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE BITUMINOUS MIXTURES ARE TO BE PLACED.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, P.C.C. SIDEWALK, P.C.C. DRIVEWAY PAVEMENT, AND AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FRESH CONCRETE FROM DAMAGE AND VANDALISM. ANY DAMAGE OR VANDALIZED CONCRETE SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

ANY SHEETING AND/OR SHORING USED FOR THIS IMPROVEMENT SHALL BE CONSIDERED INCLUDED IN THE COST OF

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS

WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

ON SIDE STREETS. THE PROPOSED CURB AND GUTTER SHALL TRANSITION TO THE EXISTING CURB AND GUTTER IN 5 FEET. THIS TRANSITION LENGTH SHALL BE PAID FOR AS THE PROPOSED CURB AND GUTTER.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

ALL TYPE I AND II BARRICADES SHALL BE WEIGHTED DOWN WITH TWO SANDBAGS EACH. (ONE WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL). ALL TYPE III BARRICADES SHALL REQUIRE FOUR SANDBAGS EACH, TO BE PAID FOR AS PART OF TRAFFIC CONTROL.

TYPE "A" CURB RAMPS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AND DRIVEWAYS PER CURRENT IDOT STANDARDS AT LOCATIONS WHERE SIDEWALK IS SHOWN ON PLAN.SIDEWALK ACROSS DRIVEWAYS SHALL BE 8" THICKNESS PER CRYSTAL LAKE DRIVEWAY DETAIL. THE COST FOR THE ADDITIONAL THICKNESS IS INCLUDED IN THE PRICE FOR

THE CONTRACTOR SHALL PREPARE THE SUBGRADE IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS PRIOR TO THE REMOVAL OF ANY UNSTABLE MATERIALS.

ALL DISTURBED AREAS WITHIN THE PROJECT THAT ARE NOT OTHERWISE SURFACED SHALL BE CLEARED, LAYERED WITH TOPSOIL, AND SEEDED OR SODDED AS SHOWN IN THE PLANS, LIMITS ON THE CROSS SECTIONS ARE THE MAXIMUM PAY

THE CONTRACTOR SHALL DISPOSE OFF ALL SIDEWALK, CURB AND GUTTER, PAVEMENT, AND ALL OTHER EXCAVATED MATERIAL NOT FOR SALVAGE AT HIS EXPENSE. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE EACH DAY. PAYMENT FOR HAULING OR TRUCKING TO DISPOSAL LOCATIONS IS INCLUDED IN REMOVAL OR EXCAVATION ITEMS.

STORM SEWER, WATER MAIN, AND SANITARY SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY, OR AS DIRECTED BY THE ENGINEER.

ALL TRENCH BACKFILL QUANTITIES FOR STORM AND SANITARY SEWER AND WATER MAIN HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE.

SEWER STRUCTURE AND PIPE NOTATION FRAME & GRATE/LID TYPE STRUCTURE TYPE A-1C 4' DIA DIAMETER STRUCTURE TYPE 65+43 21' RT STATION & OFFSET TOP OF FRAME (FR) OR 1C 987.65 CURB (TC) ELEVATION INV W 985.42 INVERT DIRECTION INV S 985.30 & ELEVATION TRENCH BACKFILL __TRENCH BACKFILL QUANTITY

STRUCTURE ADJUSTMENT/RECONSTRUCTION/REMOVAL NOTATION

"ADJ" FOR ADJUST √"C" FOR CLOSED "REC" FOR RECONSTRUCT "P" FOR OPEN FRAME & GRATE/LID TYPE

OF DENOTES STRUCTURE TO BE FILLED

SUPPLEMENTAL LEGEND SEE IDOT HIGHWAY STANDARDS FOR ADDITIONAL INFORMATION

//////// EXISTING CURB REMOVAL = = = = EXISTING CURB OR CURB & GUTTER — PROPOSED CURB OR CURB & GUTTER EXISTING CONCRETE PAVEMENT, DRIVEWAY PAVEMENT EXISTING SIDEWALK TO BE REMOVED

HOT-MIX ASPHALT

PAVEMENT REMOVAL

UNION PACIFIC RAILROAD CROSSINGS GENERAL NOTES

RAILROAD FLAGGING PROTECTION IS REQUIRED FOR ALL WORK WITHIN 25 FEET OF THE NEAREST TRACK.CALL KANDICE MILLER AT (312)496-4738 TO COORDINATE

THE CONTRACTOR'S RIGHT OF ENTRY PERMIT IS REQUIRED PRIOR TO BEGINNING ANY WORK. IT MAY TAKE 30-45 DAYS TO OBTAIN THIS PERMIT.

J.U.L.I.E. DOES NOT COVER RAILROAD UTILITIES. FOR UTILITY LOCATES CALL KANDICE MILLER AT (312,496-4738 TO COORDINATE UTILITIY LOCATE

WORKING WINDOW, MONDAY THROUGH FRIDAY, 9:00 AM 3:30 PM. EXTENDED WORK WINDOWS ARE AVAILALBE ON WEEKENDS, SUBJECT TO APPROVAL FROM THE LOCAL MANAGER.

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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

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