

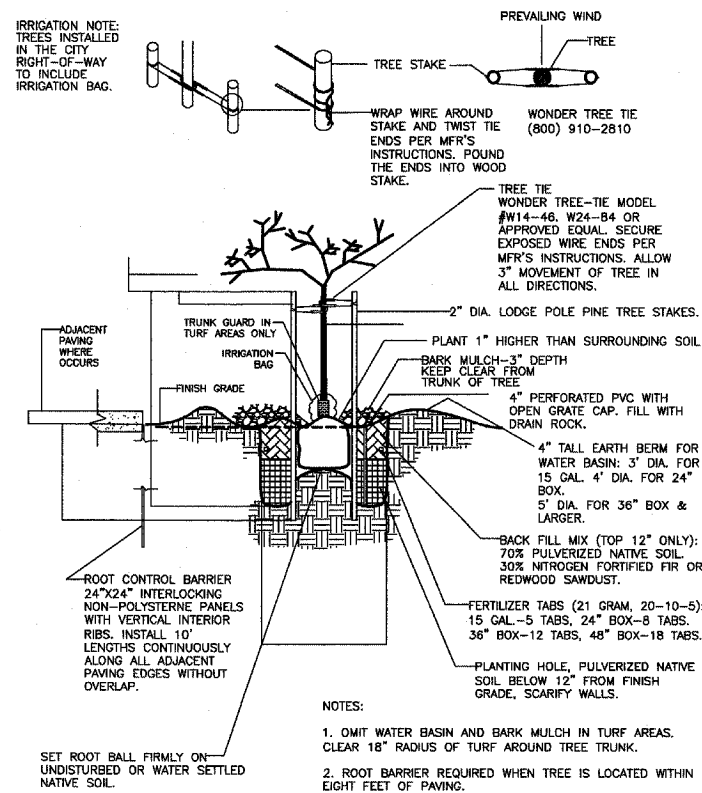
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
1545	00-00115-00-BR	DUPAGE	97	85
STA. 1+31.77		TO STA. 5+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT 83961

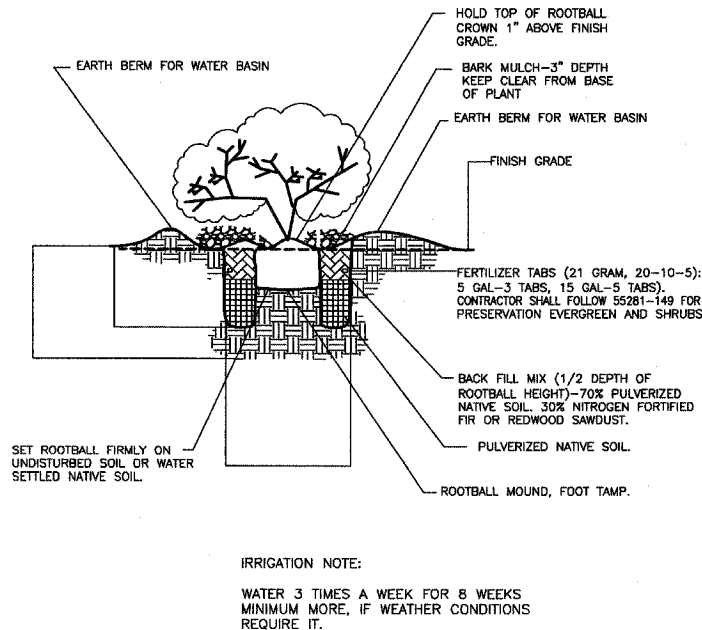
10. CONTRACTOR'S RESPONSIBILITY AND GUARANTEE

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL PLANTS FOR ONE YEAR FOLLOWING THE DATE OF PLACEMENT INCLUDING WATERING ALL PLANTS AT THE TIME OF PLANTING AND AS NEEDED THROUGHOUT THE GROWING SEASON. HE SHALL VISIT THE SITE MONTHLY DURING THE GROWING SEASON TO CHECK THE PLANT'S CONDITION, AND SHALL REPORT HIS FINDINGS TO THE OWNER'S REPRESENTATIVE.
- IF AT THE TIME OF HIS VISIT, OR DURING A ROUTINE CHECK BY THE OWNER'S REPRESENTATIVE, IT IS DETERMINED THE PLANTS NEED WATER, THE PLANTS SHALL BE WATERED WITHIN THREE DAYS FROM THAT DATE. NOTICE WILL BE GIVEN THE CONTRACTOR BY THE OWNER'S REPRESENTATIVE BY TELEPHONE AND BY LETTER.
- ALL PLANTS, WHICH WITHIN EIGHTEEN MONTHS FOLLOWING THE DATE OF THE PLANTING AND ACCEPTANCE BY THE OWNER, ARE IN AN UNHEALTHY CONDITION OR ARE UNSHAPELY DUE TO DEAD OR DYING PARTS, EXCEPT THOSE PLANTS WHOSE CONDITION IS CAUSED BY VANDALISM OR BY RABBITS, SHALL BE REPLACED AT NO EXTRA COST TO THE OWNER.
- ALL REPLACEMENT PLANTS SHALL BE SELECTED, DELIVERED AND PLANTED IN ACCORDANCE WITH THIS SPECIFICATION. ALL REPLACEMENT PLANTS SHALL BE GUARANTEED FOR EIGHTEEN MONTHS FROM TIME OF REPLACEMENT AND SHALL RECEIVE THE SAME CARE AND TREATMENT AS THE ORIGINAL PLANTING.
- THE CONTRACTOR WITH THE WRITTEN REPORT FROM THE ARBORIST, AND THE OWNER'S REPRESENTATIVE WILL DETERMINE, AND WILL AGREE IN WRITING, THE CAUSES OF THE PLANT'S DEATH OR DISFIGURATION. THE CONTRACTOR WILL RECEIVE IN WRITING A LIST OF ALL PLANTS THAT SHALL BE REPLACED. UPON RECEIPT OF THIS LIST, THE CONTRACTOR SHALL, WITHIN THE SAME PLANTING SEASON AS THE DATE OF THE LIST, REMOVE ALL PLANTS ON THE LIST AND REPLACE THEM WITH HEALTHY PLANTS.
- THE CONTRACTOR SHALL FURNISH AND HAVE AVAILABLE DURING THE LENGTH OF THE PROJECT A LICENSED, CERTIFIED ARBORIST FOR RECOMMENDATIONS, PURCHASE OF PLANT MATERIALS, DIRECTIONS, SUGGESTION AND GENERAL OVER SIGHT OF ALL ROOT PRUNING AND PLANTING OPERATIONS.
- CONTRACTOR SHALL FURNISH, DELIVER, INSTALL STORE, AND MAINTAIN ALL PLANT MATERIALS INCLUDING TREES, SHRUBS AND FLOWERS FOR THE DURATION OF THE CONTRACT AND GUARANTEE PERIOD. ALL WATERING AND WINTER PROTECTION AT THE CONTRACTOR'S COST AND IS INCLUDED IN THE PRICING.
- THE CONTRACTOR SHALL FURNISH ALL MATERIALS, FEES, TOOLS, FERTILIZER, WATER AND PLANT MAINTENANCE ON THIS SPECIFICATION PLUS ALL LANDSCAPING MATERIALS AND LABOR.
- CONTRACTOR SHALL PRESERVE ALL TREES, SHRUBS AND EVERGREENS.

TREE PLANTING "DETAIL"



EVERGREEN AND SHRUB PLANTING "DETAIL"



TREE SHRUB AND EVERGREEN PRESERVATION REQUIREMENTS

DBH = DIAMETER OF TRUNK AT BREST HEIGHT (4 1/4 FEET FROM GROUND LEVEL)

THE CITY REGULATES THE REMOVAL AND DESTRUCTION OF EXISTING TREES TO PRESERVE THE VISUAL BEAUTY THAT TREES PROVIDE TO THE RESIDENTS AND VISITORS TO THE CITY. ENVIRONMENTAL BENEFIT THEY PROVIDE SUCH AS REDUCING HEAT BUILDUP AND CONTROLLING WIND AND EROSION, AND THEIR CONTRIBUTION TO PROPERTY VALUES. TREES, SHRUBS AND EVERGREENS HAVE VALUE AS INDIVIDUAL TREES, SHRUBS OR EVERGREENS AS OR GROUP OF TREES, SHRUBS OR EVERGREENS, AND AS A COMPONENT OF THE OVERALL URBAN FOREST. TO THE EXTENT THAT TREES, SHRUBS OR EVERGREENS ARE CONTRIBUTING IN THESE WAYS TO THE PUBLIC WELFARE OF THE PEOPLE OF THE CITY, TREES, SHRUBS OR EVERGREENS WILL BE PROTECTED AND PRESERVED THROUGH THE REGULATION OF THEIR REMOVAL AND DAMAGE TO THEM.

TRANSMISSION LINE PROJECTS AND TREE REMOVALS:

THE CITY REQUIRES THAT ALL TREES WITH A DBH OF 3\"/>

INFORMATION AVAILABLE ON TREES FROM OTHER SOURCES:

THE NATIONAL ARBOR DAY FOUNDATION PRODUCES A TREE CITY USA BULLETIN THAT PROVIDES A STRAIGHT FORWARD APPROACH TO TREE CARE. DOWNLOAD THE BULLETIN FROM THE URBAN FOREST ECOSYSTEMS INSTITUTE, SPONSORED BY CALIFORNIA POLYTECHNIC STATE UNIVERSITY.

THE INTERNATIONAL SOCIETY OF ARBORICULTURE PRODUCES A NUMBER OF CONSUMER ORIENTED BROCHURES TO HELP PEOPLE PURCHASE AND CARE FOR TREES.

THE ARBOR DAY FOUNDATION HAS A TRAINING AND AWARDS PROGRAM FOR DEVELOPERS COMMITTED TO TREE PRESERVATION THROUGH DEVELOPMENT.

MINIMUM LANDSCAPE REQUIREMENTS & POLICIES:

THE FOLLOWING LIST OF ITEMS AND MINIMUM REQUIREMENTS MUST BE COMPLETED BY THE CONTRACTOR/ARBORIST PRIOR TO PERFORMING ANY WORK. THERE MAY BE OTHER CONDITIONS THAT PERTAIN TO AN INDIVIDUAL PROJECT THAT ARE NOT LISTED BELOW. THE CONTRACTOR SHALL BE MADE AWARE OF SUCH REQUIREMENTS DURING THE BID MEETING OR BY LETTER.

- THE CONTRACTOR/ARBORIST SHALL SUBMIT COMPLETED LANDSCAPE PLANS INCLUDING SPECIFICATIONS IN COMPLIANCE WITH ALL CITY REQUIREMENTS. THE LANDSCAPE PLANS SHALL DEMONSTRATE THE LOCATION OF ALL EXISTING AND PROPOSED ON-SITE LANDSCAPE MATERIALS AND STREET TREES INCLUDING A COMPLETE KEYED PLANT LIST SHOWING QUANTITIES, CONTAINER SIZES, AND CORRECT BOTANICAL DESIGNATIONS OF ALL LANDSCAPE MATERIALS; DESIGN DETAILS FOR SUCH LANDSCAPE ARCHITECTURAL FEATURES AS WALLS OR FENCES, LIGHTING, PAVING PATTERNS, ARBORS, BENCHES, FOUNTAINS AND OTHER LIKE FEATURES. ALL AREAS NOT OTHERWISE OCCUPIED BY STRUCTURE OR PAVED AREAS SHALL BE LANDSCAPED AND WATERED BY AN ADEQUATE WATERING SYSTEM.
- EXISTING AND PROPOSED TREES MUST BE SHOWN IN THE STREET RIGHT-OF-WAY OR EASEMENT AND IDENTIFIED BY PROPOSED SPECIES. CITY TREES AND ALL TREES IN THE CITY RIGHT-OF-WAY REQUIRE BUBBLERS.
- THE CONTRACTOR/ARBORIST SHALL CONTACT THE CITY PRIOR TO TREE PLANTING FOR APPROVAL OF LOCATIONS, AND AFTER PLANTING FOR FINAL INSPECTION AND ACCEPTANCE OF ALL RIGHT-OF-WAY AND BACK-UP LANDSCAPING.
- THE CONTRACTOR/ARBORIST SHALL CONTACT THE PROJECT ENGINEER FOR FINAL INSPECTION OF LANDSCAPING. THE CONTRACTOR/ARBORIST SHALL SUBMIT A LETTER TO THE CITY OF NAPERVILLE CERTIFYING THE PLANTING HAS BEEN INSTALLED IN CONFORMANCE WITH THE APPROVED PLANTING PLANS, SUBJECT TO THE REVIEW AND APPROVAL OF THE CITY OF NAPERVILLE.

NAPERVILLE PUBLIC UTILITIES DEPARTMENT	LANDSCAPING OVERHEAD OR UNDERGROUND (CONSTRUCTION SPECIFICATION)	DATE: 05-01-05 Page 9 of 11 58199-104
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TREE SHRUB AND EVERGREEN PRESERVATION REQUIREMENTS

DBH = DIAMETER OF TRUNK AT BREST HEIGHT (4 1/4 FEET FROM GROUND LEVEL)

- A CONTINUOUS SHRUB PLANTING, 15-GALLON SIZE MINIMUM WILL SCREEN STRUCTURE FOUNDATION 15-GALLON SIZE TREES AND SHRUB/GROUND COVER PLANTING MAY ALSO BE REQUIRED.
- PLANTING PLAN MUST LIST TOTAL SQUARE FEET OF LANDSCAPE AREA AND TOTAL TREES, SHRUBS AND EVERGREEN ON PLAN.
- THE CONTRACTOR/ARBORIST SHALL SHOW THE PLAN AND PROFILE ALL EXISTING TREES, SHRUBS AND EVERGREEN TO BE SAVED, RELOCATED OR REMOVED. EXISTING TREES 3\"/>

TREE SURVEY STANDARDS:

TREE SURVEY IS REQUIRED FOR ALL TENTATIVE TRANSMISSION LINE WORK SUBJECT TO REVIEW BY THE CITY. THE INFORMATION CONTAINED ON AN ACCURATE TREE SURVEY PROVIDES THE CITY AND THE CONTRACTOR WITH SUFFICIENT INFORMATION UPON WHICH TO MAKE DECISIONS REGARDING THE PRESERVATION OF TREES.

SITES WITH NO EXISTING TREES MAY AVOID THE TREE SURVEY REQUIREMENT BY SUBMITTING A LETTER SIGNED BY A LICENSED CERTIFIED ARBORIST ATTESTING TO THE FACT THAT THERE ARE NO EXISTING TREES ON THE SITE. THE TREE SURVEY SHALL BE SUBMITTED FOR APPROVAL TO THE CITY WITH PLANS.

- TREE SURVEY SHALL BE INCLUDED ON THE WORK PLAN, PRIOR TO PERFORMING ANY WORK ON A SEPARATE SHEET AT SAME SCALE AS PLANS, AND NUMBERED IN SEQUENCE WITH THE PROJECT PLANS AND COORDINATED WITH THE WORK.
- TREE SURVEY SHALL SHOW ALL TREES WITH 3-INCH DBH OR GREATER OR ALL TREES IF THE SITE HAS TREES. TREES SHALL BE CORRECTLY LABELED WITH SPECIES, DBH, AND SPOT ELEVATION AT BASE OF TREE.
- TREE SURVEY MUST ACCURATELY LOCATE TREE TRUNKS AND CANOPIES, AND BE PREPARED BY AND CERTIFIED BY A LICENSED SURVEYOR. IF NO TREES 3 INCH DBH OR GREATER EXIST ON THE SITE, THE LANDSCAPE ARBORIST SHALL SUBMIT A LETTER TO THE CITY STATING THAT NO TREES EXIST.
- TREE SURVEY SHALL CLEARLY INDICATE THOSE TREES THE CONTRACTOR PREFERS TO RELOCATE, PRESERVE IN PLACE, OR REMOVE. EMPHASIS SHALL BE ON TREE PRESERVATION.
- TREE SURVEY MUST BE REVIEWED AND APPROVED BY THE CITY PRIOR TO COUNTY APPROVAL.

DATE: 05-01-05	TREE, SHRUB AND EVERGREEN PRESERVATION REQUIREMENT	NAPERVILLE PUBLIC UTILITIES DEPARTMENT
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CITY OF NAPERVILLE/DEPARTMENT OF PUBLIC UTILITIES - ELECTRIC			
CALL J.U.L.I.E. 48 HRS. PRIOR TO CONSTRUCTION			
PROJECT TITLE BAILEY RD. BRIDGE DUCTBANK INSTALLATION	IMP NO. -	CAD FILE NAME 0058199001C19.DWG	
PROJECT DESCRIPTION COORDINATED WITH BRIDGE IMPROVEMENT	DRAWN BY JK	PROJECT NO. EU12-06-04	
DATE 05-15-07	WORK REQUEST NO. 58199	ISS. BY NTS	COMPLETED BY
ISSUED BY RFS	APPROVED BY 1 2 3	SCALE NTS	SHEET 19 OF 23