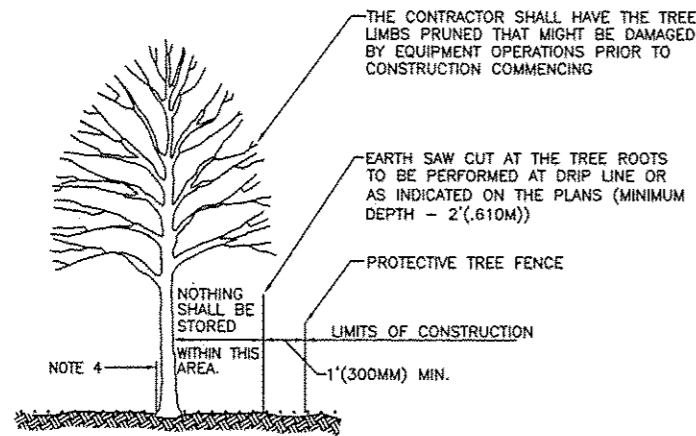


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	2011-036-1	DUPAGE		
CONTRACT 60P42				
FED. ROAD. DIST. NO.	ILLINOIS	FED. AID PROJECT		

TREE PROTECTION DETAIL

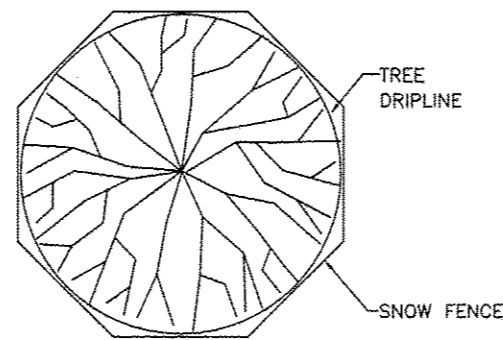


NOTE:

1. IF A UTILITY MUST BE WITHIN 15 FEET OF A TREE TRUNK, IT IS RECOMMENDED THAT IT BE AUGERED.
2. ALL TREES PROTECTED SHALL BE DEEP ROOT FERTILIZED.
3. ALL TREES SHALL BE WATERED.
4. PROTECT TREES WITH PLANKS FOR 10' ABOVE GROUND AND COMPLETELY AROUND TREE.
5. ALL MATERIALS SUPPLIED BY CONTRACTOR.

NAPEVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	TREE PROTECTION DETAIL	DATE 06-01-06 PAGE 1 OF 1 60468-300
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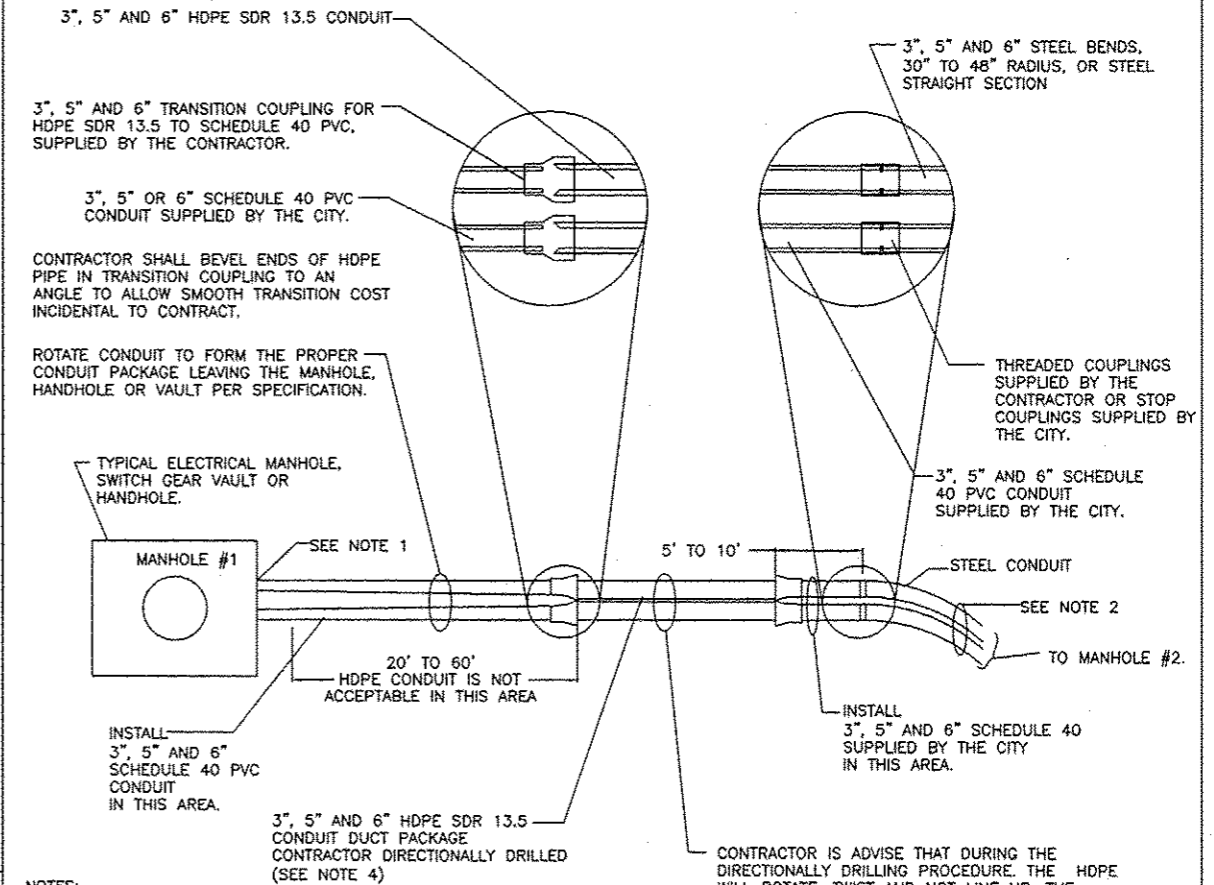
RECOMMENDED PRACTICES FOR TREES TO BE SAVED



1. SNOW FENCE SHALL EXTEND TO THE DRIPLINE OF THE TREE. THE SNOW FENCE SHALL BE HIGH ENOUGH SO AS TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL.
2. GRADE CHANGES, UTILITY TRENCHES, STORAGE OF CONSTRUCTION MATERIAL, DUMPING OF WASTE OR STORAGE OF CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED WITHIN SNOW FENCING.
3. IF A UTILITY MUST BE WITHIN 15'(4.57M) OF A TREE TRUNK, IT IS RECOMMENDED THAT IT BE AUGERED.
4. ALL TREES TO BE SAVED WHICH HAVE BEEN SUBJECTED TO CONSTRUCTION ACTIVITY WITHIN THE DRIPLINE SHOULD BE SELECTIVELY THINNED 10% BY AN ARBORIST SKILLED AT THE SELECTIVE THINNING PROCEDURE. NONE OF THE TREES SHALL BE TOPPED, HEADED BACK, SKINNED (REMOVAL OF THE INTERIOR BRANCHES), OR CLIMBED WITH SPIKES. ALL DEAD WOOD SHOULD BE REMOVED TO AVOID HAZARD.
5. IT IS RECOMMENDED THAT FOLLOWING CONSTRUCTION, TREES BE MAINTAINED IN THEIR NATIVE CONDITION. NO LAWN SHOULD BE PLACED AROUND THE TREES. IT IS RECOMMENDED THAT THE AREA BE MULCHED WITH 2"(50MM) OF DECOMPOSED LEAVES AND 2"(50MM) OF WOOD CHIPS OR BARK.
6. ALL TREES PROTECTED SHALL BE DEEP ROOT FERTILIZED.
7. ALL TREES SHALL BE WATERED.
8. ALL MATERIALS SUPPLIED BY CONTRACTOR.

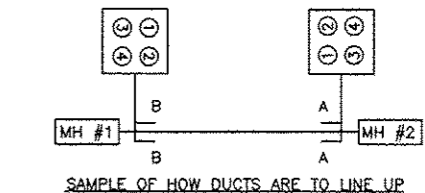
NAPEVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	RECOMMENDED PRACTICES FOR TREES TO BE SAVED	DATE 06-01-06 PAGE 1 OF 1 60468-310
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TYPICAL CONDUIT CONNECTIONS ENTERING MANHOLE, HANDHOLE AND VAULTS WHEN HDPE CONDUIT IS USED



NOTES:

1. SEE SPECIFICATION FOR PROPER DUCT ALIGNMENT INTO MANHOLE
2. SEE SPECIFICATION FOR PROPER DUCT ALIGNMENT ON THE OTHER END OF DUCT RUN THE NUMBERED DUCTS SHOULD BE IN THE SAME LOCATION ON BOTH ENDS (SEE SAMPLE AT LOWER RIGHT).
3. COST TO PROPERLY INSTALL CONDUIT FROM ONE ELECTRICAL FACILITY TO ANOTHER IS INCIDENTAL TO THE COST OF THE WORK.
4. DUCT PACKAGE CAN BE ANY NUMBER OF DUCTS, FROM 2 DUCTS TO 18 DUCTS.
5. COST OF ALIGNING DUCTS ARE INCIDENTAL TO THE CONTRACT.



NAPEVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	TYPICAL CONDUIT CONNECTIONS	DATE 01-02-06 60468-320
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PROJECT TITLE			
ROUTE 59 ROAD IMPROVEMENTS			
PROJECT DESCRIPTION			
DETAILS AND STANDARDS			
ENGINEER	DRAFTING DATE	MAP #	SCALE
BCC	5-11-12	4211,4212,4223	N.T.S.
DESIGN BY	DRAWN BY	REVISIONS DATE	AT&T JOINT AGREEMENT #
DL	PSM		N/A
CHECKED BY	APPROVED BY	CAD FILE	SHEET #
		0060648001D139.DWG	39 OF 63
Naperville Department of Public Utilities Electric Division			WORK REQUEST #
			60468