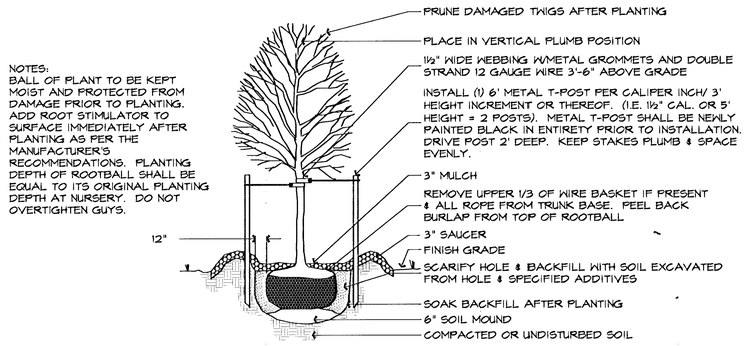
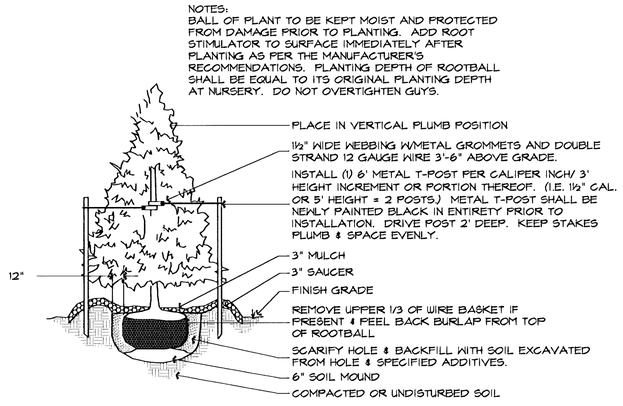
FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
7	KANSAS	STP-N012(901)	2001	23	23



DECIDUOUS TREE PLANTING DETAIL

NOT TO SCALE



EVERGREEN TREE PLANTING DETAIL

NOT TO SCALE

MASTER PLANT LIST

QTY.	COMMON NAME	BOTANICAL NAME	SIZE	CONDITION/REMARKS
LARGE DECIDUOUS TREES				
4	OCTOBER GLORY MAPLE	Acer rubrum 'October Glory'	2.5" cal.	Balled-in-Burlap
4	THORNLESS HONEYLOCUST	Gleditsia triacanthos 'Shademaster'	2.5" cal.	Balled-in-Burlap
6	SHUMARD OAK	Quercus shumardii	2.5" cal.	Balled-in-Burlap
4	LACEBARK ELM	Ulmus parvifolia	2.5" cal.	Balled-in-Burlap
14	CHINESE PISTACHE	Pistacia chinensis	2.5" cal.	Balled-in-Burlap
EVERGREEN TREES				
14	LIMBER PINE	Pinus flexilis	8'	Balled-in-Burlap
6	AUSTRIAN PINE	Pinus nigra	8'	Balled-in-Burlap
ORNAMENTAL TREES				
39	OKLAHOMA REDBUD	Cercis reniformis	1.5" cal.	Balled-in-Burlap
24	FLAME AMUR MAPLE	Acer ginnala 'Flame'	1.5" cal.	Balled-in-Burlap
21	PRAIRIFIRE CRABAPPLE	Malus sp. 'Prairifire'	1.5" cal.	Balled-in-Burlap
26	SPRING SNOW CRABAPPLE	Malus sp. 'Spring Snow'	1.5" cal.	Balled-in-Burlap
15	SNOWDRIFT CRABAPPLE	Malus sp. 'Snowdrift'	1.5" cal.	Balled-in-Burlap
6	CHANTICLEER PEAR	Pyrus calleryana 'Chanticleer'	1.5" cal.	Balled-in-Burlap
LAWN				
-	K-31 FESCUE	Festuca arundinacea 'K-31'	SOD	Qnty. as directed in field

NOTES:

1. CONTRACTOR SHOULD MAKE THEMSELVES FAMILIAR WITH THE PLANS AND ALL NOTES BEFORE BIDDING THIS PROJECT. C.O.W. SPECIFICATIONS SHALL APPLY. THE NOTES & DETAILS ON THIS SHEET SHALL TAKE PRECEDENCE OVER C.O.W. SPECS. WHEN IN CONFLICT.

2. LANDSCAPE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES (INCLUDING THOSE INDICATED ON THE PLAN) PRIOR TO INSTALLATION OF PLANT MATERIAL. UTILITIES CAN BE FLAGGED BE FLAGGED BY CALLING 621-2410.

3. AREAS DENOTED AS 'SOD' SHALL BE INSTALLED IN AREAS WHERE NEEDED AS DETERMINED IN THE FIELD BY THE COW. INSTALL AS FOLLOWS:
   SOD:
   K-31 FESCUE
   FERTILIZER:
   HAVE SOIL TESTED BY COUNTY EXTENSION SERVICE TO OBTAIN RECOMMENDED SOIL AMENDMENTS FOR THE GRASSES LISTED. REPORT RECOMMENDATIONS TO THE LANDSCAPE ARCHITECT FOR APPROVAL BEFORE ANY APPLICATION OF FERTILIZER IS MADE.

4. ALL GRAVEL OR OTHER SIMILAR DEBRIS LARGER THE 1/2" IN DIAMETER SHALL BE RAKED UP AND REMOVED BEFORE ANY SODDING OR SEEDING OPERATIONS ARE PERFORMED. SOIL SHALL BE PREPPED & SMOOTHED NEATLY TO REMOVE ALL FOREIGN SUBSTANCES & TO ELIMINATE WATER PONDING LOW SPOTS.

5. SOD SHALL BE INSTALLED IN ALL DISTURBED AREAS AS DIRECTED IN THE FIELD. GRADING SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO SOD INSTALLATION. TRANSITION FROM NEWLY SODDED AREAS TO UNDISTURBED SHALL BE SMOOTH WITHOUT LIP.

6. PLANTING DATES FOR PLANT MATERIAL SHALL BE DURING THE MONTHS BETWEEN OCTOBER 1st AND MAY 15th. PLANTING SHALL ONLY BE CONDUCTED WHEN THE GROUND IS NOT FROZEN, SNOW COVERED, OR IN AN OTHERWISE UNSUITABLE CONDITION FOR PLANTING. DEVIATION FROM THE ABOVE PLANTING DATES WILL ONLY BE PERMITTED WITH APPROVAL FROM THE LANDSCAPE ARCHITECT.

7. THE PLANTING SOIL MIXTURE FOR ALL TREE PLANTINGS SHALL BE SOIL EXCAVATED FROM THE HOLE.

8. ROOT STIMULATOR SHALL BE APPLIED TO ALL PLANT MATERIALS WITH THE EXCEPTION OF LAWN AREAS. APPLY AS PER THE MANUFACTURERS RECOMMENDATIONS.

9. ALL TREE SAUCERS AND PLANTING BEDS ARE TO BE MULCHED WITH A MINIMUM OF 3" FINE SHREDDED DARK HARDWOOD MULCH OR CYPRESS MULCH. MULCH SHALL BE APPROVED BY LANDSCAPE ARCHITECT. WHERE PLANTING BEDS ARE ADJACENT TO WALKS AND CURBS THE SOIL LEVEL SHALL BE 3" LOWER TO ALLOW FOR MULCH LAYER. WHERE SOD IS INDICATED, ITS THICKNESS SHALL ALSO BE ACCOUNTED FOR SO THAT THE SOIL SURFACE IN THE SOD MATCHES IN LEVEL WITH THE LANDSCAPE SURFACE.

10. MULCH, STAKES, GUY WIRE, PRE EMERGENT HERBICIDES, ETC. SHALL BE SUBSIDIARY TO INDIVIDUAL PLANTS.

11. THE CONTRACTOR SHALL FLAG & LABEL PROPOSED PLANT LOCATIONS AFTER UTILITY LOCATE AND GAIN APPROVAL OF LOCATIONS FROM LANDSCAPE ARCHITECT PRIOR TO BRINGING PLANTS TO THE SITE. PLANT MATERIAL SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING. PLANTS SHALL BE OF FIRST CLASS QUALITY WITHOUT SCRAPES, POOR FOLIAGE & ROOTS. BALLED AND BURLAPPED MATERIAL SHALL BE HEALDED IN & PROTECTED IF NOT PLANTED WITHIN 6 HOURS OF ARRIVAL TO SITE. MULCH, STAKE, AND WATER IN ALL PLANTS PLANTED BEFORE ENDING WORK FOR THE DAY.

12. LABEL EACH TREE AND PERENNIAL MASS WITH A SECURELY ATTACHED, WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF BOTH BOTANICAL AND COMMON NAME. DO NOT REMOVE UNTIL AFTER PROVISIONAL ACCEPTANCE.

13. STAKES AND GUYING SHALL BE REMOVED BY THE CONTRACTOR AT THE END OF ONE FULL GROWING SEASON.

14. ANY TOPSOIL NEEDED TO CORRECT SOIL LEVELS IN SUMP AREAS WITHIN THE ROW SHALL BE FERTILE NATURAL TOPSOIL, TYPICAL OF THE LOCALITY, OBTAINED FROM WELL DRAINED AREAS. STOCKPILED TOPSOIL MAY BE USED. IT SHALL BE WITHOUT ADMIXTURE OF SUBSOIL OR SLAG AND SHALL BE FREE OF STONES, LUMPS, STICKS, PLANTS OR THEIR ROOTS, TOXIC SUBSTANCES OR OTHER EXTRANEOUS MATTER THAT MAY BE HARMFUL TO PLANT GROWTH OR WOULD INTERFERE WITH FUTURE MAINTENANCE. TOPSOIL pH RANGE SHALL BE 5.5 TO 7.0.

15. SUBSTITUTION OF PLANT SPECIES TYPES FOR THOSE LISTED IN THE PLANT LIST IS NOT PERMISSIBLE UNLESS APPROVED BY MKEC (684-9600). ANY SPECIES SUBSTITUTION WHICH HAS NOT BEEN APPROVED SHALL BE REMOVED IMMEDIATELY AND REPLACED WITH THE CORRECT PLANT.

16. THE CONTRACTOR SHALL TAKE CARE SO AS TO NOT DAMAGE ANY EXISTING TREES. THE CONTRACTOR SHALL KEEP EQUIPMENT OUT OF AND AWAY FROM EXISTING TREE DRIPLINES.

NO.	DATE	REVISIONS	BY	APP'D
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

LANDSCAPE IMPROVEMENTS
PAWNEE AVE.
STA. 5+060 TO STA. 5+180

PROJ. NO. 87 STP-N-0129-01 SEDGWICK COUNTY

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	JTC	CHECKED BY:	JTC
DRAWN BY:	GJR	DATE: APRIL 2002	SHEET 23 OF 23

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