



A 21ST. STREETSCAPE IMPROVEMENT PLAN

STA 27+50.00 - STA 31+75.00
1"=20'-0" NORTH

PLAN LEGEND

EX.	EXISTING
LP.	LIGHT POLE
PP.	POWER POLE
SSMH	SANITARY SEWER MANHOLE
SWSMH	STORM SEWER MANHOLE
SS	SANITARY SEWER
SWS	STORM WATER SEWER
WV	WATER VALVE
WM	WATER METER
FH	FIRE HYDRANT
G	GAS LINE
GM	GAS METER
OHE	OVERHEAD ELECTRIC
UGE	UNDERGROUND ELECTRIC
FIB	FIBER OPTICS
BM	BENCH MARK
RCB	REINFORCED CONC. BOX
RCP	REINFORCED CONC. PIPE
CMP	CORRUGATED METAL PIPE
CMP	CORRUGATED METAL PIPE
PL	PROPERTY LINE
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
MID	MID POINT OF CURVE
R	RADIUS
N	NORTHING
E	EASTING
EJ	EXPANSION JOINT
CJ	CONTROL JOINT
TC	TOP OF CURB
BC	BOTTOM OF CURB
EL	ELEVATION
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
TW	TOP OF WALL
BW	BOTTOM OF WALL

GENERAL SITE NOTES

- Expansion joints in the combined curb and gutter are to be placed opposite expansion joints in the pavement.
- Where combined curb and gutter or gutter does not abut concrete pavement or concrete base course, omit tie bars and longitudinal construction joint and place a 1" pre-molded Expansion Joint Filler (Nonextruding, Type B) cut to the dimensions of the combined curb and gutter or gutter, at a spacing of not to exceed 250' and at the ends of curb returns.
- Where combined curb and gutter or gutter is adjacent to asphalt construction, planes of weakness shall be constructed at 10'-0" intervals.
- A 4' length of transition from normal gutter section to the tapered gutter section shall be used at the ends of each run of gutter except where the gutter abuts a curb, such as at the end of median islands.
- Where pressure relief joint (Urethane Foam) is placed across the pavement, and gutter or curb and gutter is continued on for more than 10', use Type B, nonextruding, joint filler through gutter section, shaped to fit gutter or curb and gutter. Material may be solid Type B, approximately 4" thick, or other thickness pieces (Type B), bonded together with cold mastic or other material, as approved by the Engineer.
- Sidewalk pavement shall be placed to ensure that no ponding or puddling occurs. Concrete sidewalk shall be sloped at no greater than 1.9% cross-slope and 4.9% maximum longitudinal slope.
- Sidewalk joints shall be placed as indicated on the drawings.
- The Contractor shall coordinate the installation of all irrigation sleeving and electrical conduit under pavement areas. The size and general location of irrigation sleeves are indicated on the irrigation drawings.

SUMMARY OF QUANTITIES

BASE BID ITEMS		
ITEMS	TOTAL	UNIT
Plain Concrete Sidewalk-4" Thickness	41,337	SF
Clay Pavers on Concrete	5,430	SF
2" Integral Concrete Curb	1,799	LF
6" Integral Concrete Curb	52	LF
Steel Pipe Bollard	16	EA
District Marker	2	EA
Primary Cast Stone Panels	22	EA
Secondary Cast Stone Panels	4	EA
Bench	12	EA
Bench, Backless	8	EA
Bike Rack	12	EA
Automatic Irrigation System	1	LS
2.5" Caliper Trees	30	EA
1.5" Caliper Trees	28	EA
3-Gallon Plants	143	EA
2-Gallon Plants	36	EA
1-Gallon Plants	360	EA
4" Potted Plants	817	EA
Buffalo Sod	559	SY
Planting Bed Prep & Mulch	4,822	SF
Root Barrier	1,308	LF

SITE AMENITIES

MANUFACTURER/SUPPLIER	PRODUCT	FINISH/COLOR
DuMor Inc. P.O. Box 142 Milfflinton, PA 17059-0142 800-598-4018 www.dumor.com	Bench: Bench 162 Item # 162-60 6" Surface Mount w/ Vagrant Bar	Color: Black
DuMor Inc. P.O. Box 142 Milfflinton, PA 17059-0142 800-598-4018 www.dumor.com	Backless Bench: Bench 145 Item # 145-60 6" Surface Mount	Color: Black
DERO Bike Racks 2657 32nd Avenue South Minneapolis, MN 55406 612-331-2731 www.dero.com	Bike Rack: Bike Hitch BH-FT-EPX Custom - Laser Cut Logo Welded to Rack	Color: Black

- SITE AMENITIES SHALL BE AS SPECIFIED ABOVE OR APPROVED EQUIVALENT
- SUBMIT PRODUCT INFORMATION FOR REVIEW AND APPROVAL PRIOR TO PURCHASE
- ALL SITE AMENITIES SHALL BE SURFACE MOUNTED.

REFERENCE	DETAIL	DETAIL REFERENCE
(A)	4" PLAIN CONCRETE SIDEWALK	1,2/34, 7/35
(B)	16" CLAY PAVER BAND	B,C,F/30
(C)	PAVERS ON CONCRETE	C/30
(D)	LIGHT POLE PLANTER	1/35
(E)	TREE WELL PLANTER	7/34
(F)	PRIMARY CAST STONE PANEL	5/34
(G)	DISTRICT MONUMENT	6/34
(H)	BENCH	3/35
(HB)	BENCH BACKLESS	4/35

DETAIL	DETAIL REFERENCE	
(I)	BIKE RACK	5/35
(J)	ADA ACCESS RAMP	SHEETS 31,32,33
(K)	CROSSWALK PAVER PATTERN	A,E/30
(L)	SECONDARY CAST STONE PANEL	4/34
(M)	2" INTEGRAL CONCRETE CURB	3/34
(N)	6" INTEGRAL CONCRETE CURB	1/28
(O)	6" STEEL BOLLARD	2/28
(P)	PAVER ISLAND	D/30

LAW/KINGDON, INC.
ARCHITECTS, ENGINEERS, PLANNERS
& LANDSCAPE ARCHITECTS

CITY OF WICHITA
21ST STREET NORTH &
BROADWAY AVENUE INTERSECTION
SITE ARCHITECTURAL PLAN
WICHITA, KANSAS

TranSystems

DESIGNED: J.A.B./W.A.W	DRAWN: W.A.W
CHECKED: J.A.B	DATE: 01-11-2010

DATE	BY	REFERENCES NOTED	REFERENCES CHECKED