



Sta. 15+54.35, 28.00' Lt. Oliver,  
Const. Curb Inlet (Type II)  
L=6'-2 1/2", W=3'-4 3/8", H=5'-6"  
Inlet Top=139.26  
Install 18" x 57.9' Storm Swr. (RCP)(N)  
FI Out=135.00 (18" RCP-N)  
See Sh. No. 62

Sta. 16+18.99, 70.00' Lt. Oliver,  
Const. Curb Inlet (Type I)  
L=16'-4", W=6'-4", H=9'-6"  
Inlet Top=140.99  
Install 42" x 21.6' Storm Swr. (RCP)(E)  
FI In=133.49 (36" RCP-N)  
FI Out=132.99 (42" RCP-E)  
See Sh. No. 60

Sta. 16+30.46, 79.49' Lt. Oliver,  
Const. 8" Reinf. Conc. Valley  
Gutter. Saw Cut & Match Exist.  
Pvmt. See Hookup Detail.  
See Sh. No. 48, 52, 73

Sta. 16+41.81, 70.00' Lt. Oliver,  
Const. Curb Inlet (Type I)  
L=16'-4", W=4'-4", H=9'-0"  
Inlet Top=141.02  
Install 36" x 26.9' Storm Swr. (RCP)(S)  
FI Out=133.61 (36" RCP-S)  
See Sh. No. 60

Sta. 19+02.81, 37.50' Lt. Oliver,  
Const. Std. Manhole (Precast)  
MH Dia.=5'-0", H=7'-0"  
Manhole Top=146.84  
Install 24" x 206.8' Storm Swr. (RCP)(S)  
FI In= 141.78 (24" RCP-N)  
FI Out=141.68 (24" RCP-S)  
See Sh. No. 66

Sta. 14+39.07, 52.8' Lt. Oliver,  
Const. 8" Conc. Drive Entrance.  
Saw Cut & Match Exist. Pvmt.  
See Sh. No. 53

Sta. 14+89.68, 52.2' Lt. Oliver,  
Const. 8" Conc. Drive Entrance.  
Saw Cut & Match Exist. Pvmt.  
See Sh. No. 53

Sta. 16+12.06, 38.75' Lt. Oliver,  
Const. Std. Manhole (Precast)  
MH Dia.=6'-0", H=9'-0"  
Manhole Top=139.69  
Connect Exist. 42" RCP (E)  
FI In= 133.00 (24" RCP-N)  
FI In=132.90 (42" RCP-W)  
FI Out=132.29± (Exist. 42" RCP-E)  
See Sh. No. 66

Remove Exist. Curb Inlet &  
Plug Exist. 18" RCP (NE)  
& Plug Exist. 36" RCP (S)

Remove Exist. Curb Inlet &  
Plug Exist. 18" RCP (SW)

Sta. 16+86.81, 28.00' Lt. Oliver,  
Const. Curb Inlet (Type IA, Special)  
L=16'-4", W=5'-4", H=6'-6"  
Inlet Top=140.32  
Install 24" x 64.3' Storm Swr. (RCP)(S)  
FI In=135.43 (24" RCP-N)  
FI Out=135.33 (24" RCP-S)  
See Sh. No. 61

Sta 17+00.00, 43.20 Lt.  
Begin Const. 6"  
Protection Curb  
See Sh. No. 57

Sta 19+50.00, 41.50 Lt.  
End Const. 6" Protection  
Curb  
See Sh. No. 57

Sta. 14+85.98, 62.7' Rt. Oliver,  
Const. 8" Conc. Drive Entrance.  
Saw Cut & Match Exist. Pvmt.  
See Sh. No. 53

Sta. 15+85.34, 63.5' Rt. Oliver,  
Const. 8" Conc. Drive Entrance.  
Saw Cut & Match Exist. Pvmt.  
See Sh. No. 53

Sta. 17+01.45, 28.00' Rt. Oliver,  
Const. Curb Inlet (Type II, Special)  
L=6'-2 1/2", W=7'-8", H=6'-6"  
Inlet Top=140.58  
Install 24" x 88.2' Storm Swr. (RCP)(S)  
FI In=135.93 (18" RCP-N)  
FI Out=135.43 (24" RCP-S)  
See Sh. No. 63

Sta 17+80.18, 36.50 Rt.  
End Const. Sidewalk  
Pavers and 8" Protection  
Curb  
See Sh. No. 57

Sta. 18+07.09, 46.1' Rt. Oliver,  
Const. 8" Conc. Drive Entrance.  
Saw Cut & Match Exist. Pvmt.  
See Sh. No. 53

Sta. 15+50.00, 41.50' Rt. Oliver,  
Const. Curb Inlet (Type I)  
L=11'-4", W=5'-4", H=5'-0"  
Inlet Top=138.96  
Install 18" x 52.5' Storm Swr. (RCP)(N)  
FI Out=134.72 (18" RCP-N)  
See Sh. No. 59

Sta. 16+10.67, 48.40' Rt. Oliver,  
Const. Std. Manhole (Precast)  
MH Dia.=6'-0", H=9'-0"  
Manhole Top=139.49  
Connect to Exist. 42" RCP (S)  
FI In= 133.67 (18" RCP-N)  
FI In=133.67 (24" RCP-N)  
FI In=132.14 (42" RCP-W)  
FI Out=132.14 (Exist. 42" RCP-E)  
See Sh. No. 66

Sta. 16+11.85, 26.00' Lt. Oliver,  
Const. Std. Manhole (PreCast)  
MH Dia.=6'-0", H=8'-6"  
Manhole Top=139.18  
Connect to Exist. 42" RCP (W & E)  
FI In=132.26 (42" RCP-W)  
FI In=132.36 (18" RCP-S)  
FI Out=132.26± (42" RCP-E)  
Remove 18'-6" of Exist. 42" RCP (W)  
See Sh. No. 66

Sta. 16+50.29, 28.00' Rt. Oliver,  
Const. 8" Reinf. Conc. Valley  
Gutter. Saw Cut & Match Exist.  
Pvmt.  
See Sh. No. 48, 52

Sta. 16+47.41, 58.50' Rt. Oliver,  
Const. Median Nose.  
See Sh. No. 57

Point No.	Station	Offset	Elevation	
			High Edge	Top Curb
1	17+58.46	2.50' Rt.	142.06	142.75
2	17+61.06	0.88' Lt.	142.16	142.32
3	17+61.96	2.50' Rt.	Radius Point	
4	17+61.96	6.00' Rt.	142.09	142.25
5	16+00.14	6.00' Lt.	143.22	143.91

**LEGEND**

- Remove Tree
- Pavement Removal
- 2" Pavement Milling & Overlay
- Pavement Widening
- Construct Wheelchair Ramp See Sht. No. 56

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KANSAS DEPARTMENT OF TRANSPORTATION

**OLIVER IMPROVEMENTS**  
STA. 14+00 TO STA. 20+00

PROJECT NO. 87 N-0357-01 SEDGWICK CO.

**M K E C ENGINEERING CONSULTANTS, INC.**  
WICHITA, KANSAS

DESIGNED BY: LAC	CHECKED BY: JRA
DRAWN BY: WJN	DATE: 4/07/05

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