1" = 10'
0+00
0+25.83 BEGIN PROJECT
0+42 - V.P.I.
0+47.56
0+50
1+00
1+39 - V.P.I. Elev. = 97.64 No Vertical Curve
1+50
2+00
2+05.03
2+30.03 END PROJECT
+1.30%
-0.58%
+0.36%
50' R/W
PAWNEE
EMPORIA
KENYON'S
KORNER
HILBISH
HETTINGER'S
ADDITION
PAWNEE
SUB
Lot I
Lot I, Block A
Match Existing Curb
Saw Cut Dowel To Exist. Pavement With #4 Bars, 24" Long, 36" Ctrs.
Existing Curb and Conc. Pavement To Be Removed and Replaced.
Remove & Replace Walk as Required.
Match Existing Curb
Match Existing Sidewalk
Match Existing Sidewalk
Remove & Replace Walk as Required.
Existing Monolithic Curb
Existing 4' Walk
Proposed 15" S.W.S.
0.40%
20' Rad. Rc. Crb.
35' Bldg. Setback Line
Proposed 106' x 28' Multiple Bay Car-Wash (Fin. Floor = 99.62 at Sill)
3' Chainlink
18" Elm To Be Removed
Woven Wire Fence
2' Jog
25'
Guy Anchors To Be Removed By Others
T.S.B. To Be Removed By Others
T.S.B. To Be Removed By Others
T.S.B.
P.P.
OE/OT
SS
Rim = 98.14 F.L. In (N) = 88.71 F.L. Out (E) = 87.34
8"
36"
64'
12"
12'
4.0%
2.5%
17.25'
90°41'31"
89°18'29"
Exist. Joint
Concrete
Pavement
Exist. Pavement
0+45.1
Sta. 0+46 - Proposed S.W.S. M.H. Top of Rim Elev. = 98.18 F.L. In (N) = 92.70 F.L. Out (W) = 92.59
Sta. 1+39 Proposed 4'x 2' Grated Inlet Top of Grate Elev. = 97.64 F.L. Out (S) = 93.07
T.C. = 8.64 F.L. = 8.06
8.51
8.22
8.00
7.99
8.17
8.24
8.27
8.22
8.00
8.04
8.22
7.99
8.01

R/W
22'
10'
12'
10'
0.34'
0.36
7"
WWF 6 x 12 - W4 x W4
Key Joint
6" Subgrade (95% Density Compaction)

TYPICAL SECTION - STA. 2+05.03 to STA. 2+30.03
22' Wide Alley Pavement
No Scale

Longitudinal Construction Joint
Wire Mesh
1 1/4"
1 1/4"
7"
45° (Typ.)
#4 x 2'-0" Tie Bar at 30" Ctrs.

LONGITUDINAL CONSTRUCTION JOINT DETAIL
Transverse Section

Fill with Specified Joint Sealer
3/8"
1 3/4"
Wire Mesh
7"

SAWED TRANSVERSE CONTRACTION JOINT
At 20' Intervals

Long. Joint
3/8"
2 1/4"
Wire Mesh
#4 x 2'-0" Tie Bar at 30" Ctrs.
3 1/2"
3 1/2"
7"

LONGITUDINAL JOINT DETAIL
Transverse Section

NOTE: Longitudinal joint formed by sawing 2 1/4" deep and 3/8" wide and filled as specified in standard specifications.

Remove Filler Strip & Seal w/Spec. Joint Sealer
Wire Mesh
7"
3/4" Expansion Joint Material
3" Min., 6" Max

EXPANSION JOINT DETAIL
No Scale

R/W
20'-0"
24'-0"
12'-0"
10'-0"
0.36'
7"
WWF 6'x12" W4 x W4
Key Joint
6" Subgrade (95% Density Compaction)

TYPICAL SECTION - STA. 0+50 to STA. 2+05.03
24' Wide Alley Pavement
No Scale

20'
19'
6"
#4 Dowel Bars, 24" Long, 30" Ctrs.
6"
℄ Alley
12'
Limits of Wire Mesh
WWF 6"x 12" W4 x W4

TYPICAL STEEL PATTERN
No Scale

24'
12'
12'
12'
Walk Grade
3.5%
0.42'
0.36'
0.3'
2.5%

ALLEY APPROACH
Section at Back of Walk
No Scale

MOEHRING & ASSOCIATES — CONSULTING ENGINEERS

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Sheet 2

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