STREET IMPROVEMENTS

MEDIAL MODIFICATION, TURN-BAY AND MAJOR ENTRANCE CONSTRUCTION

SERVING

SOUTHGLEN ADDITION

TO WICHITA, KS.

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers _____
Driveway Approaches _____
Water Mains _____
Paving CTS 7-1-87

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will pay the City of Wichita for all costs of plan review, inspection and booking per contract.

CITY OF WICHITA, KANSAS

M.E. LINDEBAK CITY ENGINEER

PRIVATE PROJECT NO. 472 - 76 - 245 - 80001 - 000 - 000 - 029

MAY 1987

NOTE - Contractor Shall Obtain "K.D.O.T. Highway Permit Agreement", Prior To Construction Within R/W. Traffic Protection Shall Be In Accordance With The "Manual On Uniform Traffic Control Devices"

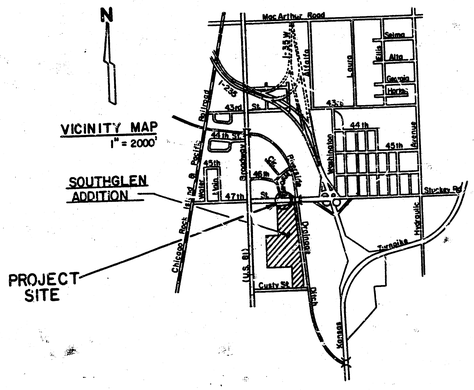
INDEX

Sheet No.	Description
1	Cover Sheet
2	Turn-Bay and Entrance Plan
3	Construction Details

NOTES:

1. INTERURBAN TRAFFIC GENERATED OUTSIDE THE PROJECT AREA AND LOCAL BUSINESS OR APARTMENT TRAFFIC GENERATED WITHIN THE PROJECT AREA ARE TO BE CARRIED THROUGH CONSTRUCTION.
2. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAWED JOINT TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.

BENCHMARK: "a" on NE Cor. RCBC under 47th at Riverside Drainage Ditch
= 1271.33 M.S.L.
= 83.93 City Datum



MOEHRING & ASSOCIATES
CONSULTING ENGINEERS
WICHITA

DON C. MOEHRING II
LICENSED
3463
KANSAS
PROFESSIONAL ENGINEER

1/3

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PROVIDE 4" WIDE WHITE TRAFFIC MARKING PAINT FROM STA. 5+40 TO 6+40 SEPARATING TURN-BAY AND EXISTING WESTBOUND TRAFFIC.

N
W E
S
1" = 20'

Reverse Curve Data
Sta. 6+40 to Sta. 7+35
R = 191.03'
Δ = 14°23'54"
L = 9.01
C = 7.88'
T = 24.13'

NOTE: Removal of curb and gutter, Integral curb, and protection curb shall be paid as Sq. Yds. of pavement removed.

EMPORIA AVE. (North Only)
C.I.
Beehive Inlet
Thimble N.W. Cor. Sec. 21 T 28 S., R 1 E of the 6th P.M.
S 89° 44' 30 E 905.00'
230'
47th ST.
S.W.S.
M.H.
Sta. 5+42 to 5+75 Asphaltic Concrete Between Monolithic & Non-Standard Curbs, 4" Thick
Construct Left turn lane, 10 Conc. Pvmt. Sta. 5+40 to 7+35, with 8" Monolithic Curb Sta. 5+40 to 7+35
Remove Existing 8" Curb & Pavement
Construct Solid Conc. Nose
Remove Existing Curb & Gutter from Sta. 4+33.42 to 5+60.51
Sta. 2+70 to Sta. 5+60 Remove Existing Curb
Match Existing Pavement
Match Existing Curb & F.L.
Match Existing Top of Curb
Saw Cut
SEE DETAILS, SHEET 3
Section Line
Drilled & Grouted Joint - Match Exist. Pavement.
Longitudinal Joint - Drill & Grout 24" - #4 Bars on 36" Ctr's.
Curb Removal
Rework Existing S.W.S. Conc. M.H. to match new pavement elev.
Match Existing Top of Curb
8" Median Curb (Non-Standard)
Exist. SWS Conc. M.H., Rim Elev = 83.56 - Raise M.H. Cover To Match New Pvmt., With Brick Masonry Supporting Barrel.
STA. 6+27 to 7+35 Remove Existing Pavement Underlying Median Fill.
Construct 7" Valley Gutter w/Monolithic Edge Curb. 5" Reinforced Concrete w/2" Bit. Base. Compaction of Subgrade Shall be to 95% Std. Density.
Install Sign as Directed by The City Of Wichita.
Future Sidewalk
Future Entrance Drive Pavement & Median By Separate Contract.
70' Ingress, Egress Easement
Light Pole
See Median Detail, This Sheet.
B.M. On R.C.B.C.
(WESTBOUND)
(EASTBOUND)
M.H.
P.C.
P.R.C.
P.T.
END CONST.
PRC. (Iron)
STA. 4+97.38
Iron
N.W. Cor. Lot 1, Blk. A Southglen Add'n
N.E. Cor. Lot 2, Blk. A Southglen Add'n.
℄ Curve Data:
Δ = 3°20'32"
R = 3899.83'
C = 227.83'
Chd. Brg. N 86° 22'17" E
L = 227.87'
℄ Curve Data:
Δ = 4°58'00"
R = 3739.83'
C = 324.09'
Chd. Brg. N 87°10'45" E
L = 324.19'
SOUTHGLEN
LOT 1
BLK. A
LOT 2
BLK. A
ADDITION
RIVERSIDE DRAINAGE DISTRICT

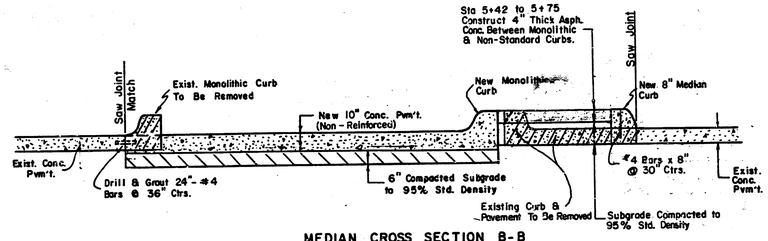
PROFILE VIEW
Future Contract
Proposed Future Median Curb
S. R/W 47th
5' S.W. Opening
25' Transition
9" Full Height to 4" Lip Height
2' Nose Transition 4" to 0"
Prop. Curb
Mountable Lip
Brick Patterned Conc. (Red)
PLAN VIEW

ENTRANCE MEDIAN DETAIL
END VIEW
Mountable Lip
4" Lip Transition to 9" Full Height Curb
5" Reinforced Conc.

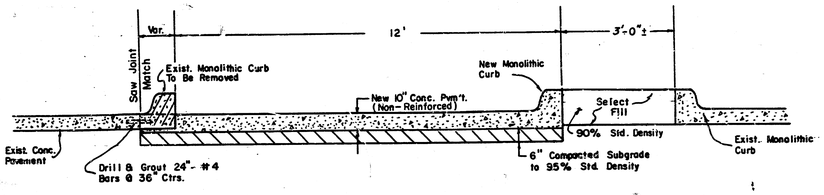
MOEHRING & ASSOCIATES — CONSULTING ENGINEERS
Project No. 472-76-245-80001-000-000-029
Rev. 6/25/87 Sheet 2 of 3

2/3

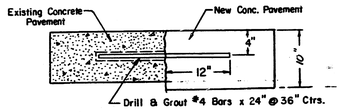
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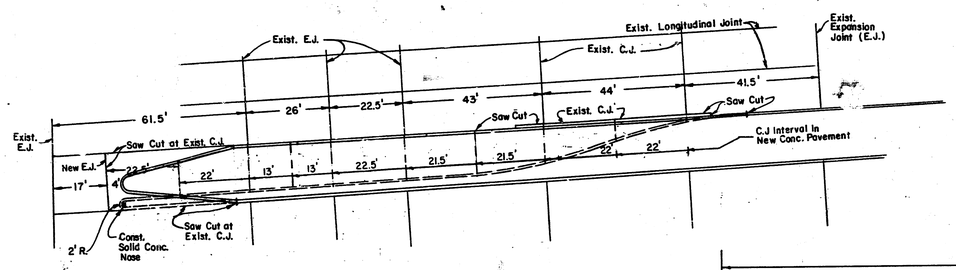
MEDIAN CROSS SECTION B-B
(STA. 5+61.5)



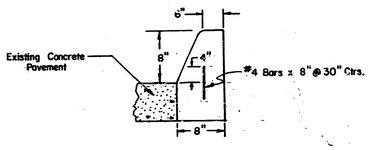
MEDIAN CROSS SECTION A-A
(STA. 6+00)



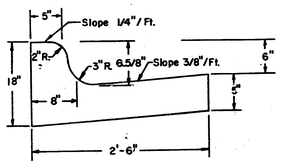
DRILLED & GROUTED JOINT



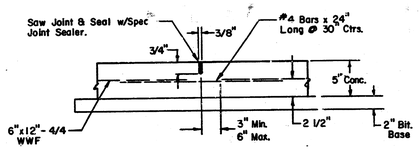
TURN-BAY
JOINT PATTERN DETAIL
1"=20'



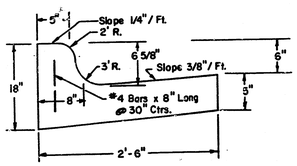
8" MEDIAN CURB
(NON-STANDARD)



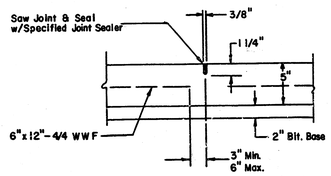
COMBINED CURB & GUTTER
FOR CONCRETE VALLEY GUTTER



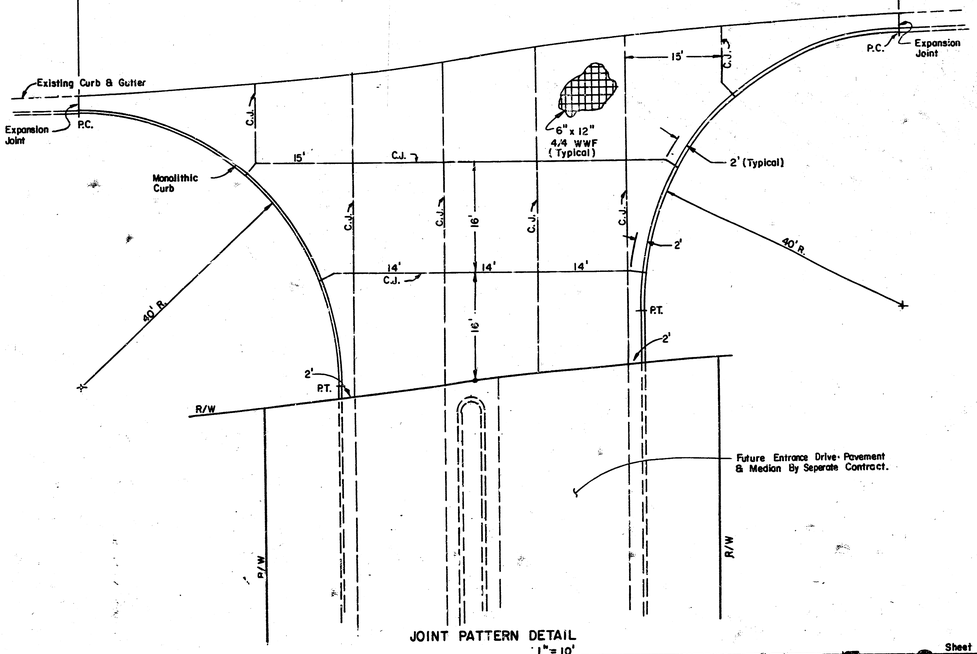
LONGITUDINAL SAWED JOINT
FOR CONCRETE VALLEY GUTTER



MONOLITHIC CURB
FOR CONCRETE VALLEY GUTTER



CONTRACTION JOINT (C.J.)
FOR CONCRETE VALLEY GUTTER



JOINT PATTERN DETAIL
1"=10'

3/3

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