FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0199-01	2002	87	158

FED. AID NO. – CMQ-N019(901)

0 5 10 20
HORIZONTAL SCALE 1:200

N. 21st STREET

Remove Existing Curb & Gutter. Place 180 mm Reinforced Crushed Rock Base, 150 mm BM-2 Base Course, And 50 mm BM-2 Wearing Course. Construct Full Height Curb And Gutter (Type I)

Sta. 49+977.858, 20.691 m Lt. Remove Existing Inlets.

Construct 1 500 mm Sidewalk (AE)(100 mm)

Sta. 49+977.533, 22.916 m LT.

Existing R/W 22 860 mm (75')

Protect Trees

Construct Full Height Curb And Gutter (Type I)

Sta. 49+981.751, 22.907 m LT.

Sta. 49+977.114, 22.494 m LT.

-2.617%

-0.138%

Sta. 49+975.108, 14.298 m LT.

Sta. 49+975.040, 3.488 m LT.

Adjust Water Valve Top = Match Proposed

End Construction. Construct Type III Curb & Gutter With Mountable Ramp End

Project Baseline = East Line Of Section 6 TWP. 27 S., R. 2E.

See Sheet XX For Intersection Removals & Construction

Project Baseline = South Line Of Section 5 TWP. 27 S., R. 2E.

Project Baseline = South Line Of Section 6 TWP. 27 S., R. 2E.

South West Corner Of Section 5 TWP. 27 S., R. 2E.

Project Baseline = East Line Of Section 7 TWP. 27 S., R. 2E.

Remove Existing Median And Curb & Gutter. Construct Type III Curb And Gutter To Match

Construct 1 500 mm Sidewalk (AE)(100 mm)

Gas Valve To Be Adjusted By Others

Power Pole To Be Relocated By KG&E

Sta. 50+016.190, 23.077 m LT.

Sta. 50+022.809, 23.860 m LT.

Sta. 50+022.810, 23.100 m LT.

Construction Easement

Sta. 50+023.072, 22.795 m LT.

Sta. 50+023.811, 22.860 m LT.

Existing R/W 22 860 mm (75')

Construct Full Height Curb And Gutter (Type I) Along Both Sides

Limits of Construction

Sta. 50+029.717

Sta. 50+025.049, 15.897 m LT.

Sta. 50+024.188, 1.534 m RT.

Sta.50+025.774 2.597 m Rt. Begin Construction Brick Paver Median Surfacing

Water Meters To Be Relocated By City

Sta. 50+056.805, 16.010 m LT.

Remove Existing Curb & Gutter. Place 180 mm Crushed Rock Base, 150 mm BM-2 Base Course, And 50 mm Wearing Course. A 150 mm P.C.C. Base Shall Be Used In Place Of 150 mm BM-2 Base Course Where Proposed Paving Is Less Than 1.5 m In Width.

Sta. 50+025.204, 3.540 m RT.

Sta. 50+025.309, 16.676 m RT.

Sta. 50+022.709, 25.908 m RT.

Sta. 50+022.700, 27.432 m RT.

Begin Construction. Construct Type III Curb & Gutter With Mountable Ramp End

Sta. 50+033.889

CI-5

Sta. 50+037.431, 17.086 m Lt. Remove Existing Inlet Construct Inlet (Type 1A) (1 500 mm x 900 mm) Top Elevation = 64.802 FL = 62.638 (S) Construct 450 mm x 5.0*m (RCP)(S) Connect To Existing 450 mm RCP.

CI-6

Sta. 50+037.845, 14.874 m Rt. Remove Existing Inlet Construct Inlet (Special Type 2F) (1 750 mm x 1 490 mm) Over Existing 450 mm RCP(N) And 900 mm RCP(E)(W)

Power Pole To Be Relocated By KG&E

Relocate Sprinkler System In This Area. Subsidiary To The Bid Item For "Relocate/ Reconstruct" Private Sprinkler System.

Sta. 50+059.520, 23.973 m LT.

Remove Existing Drive. Construct 200 mm (AE) P.C.C. Drive. Match Existing Pavement

Saw Existing Pavement To Neat Line.

Construct 1 500 mm Sidewalk (AE)(100 mm)

Sta. 50+074.002, 15.898 m LT.

Sta. 50+076.388, 223.981 m LT.

Sta. 50+076.243, 22.761 m LT.

Construction Easement

Sta. 50+094.518, 18.228 m LT.

Sta. 50+095.288, 19.294 m LT.

-1.744%

Existing R/W 18 288 (60')

Power Pole To Be Relocated By KG&E

Saw Existing Pavement To Neat Line Remove Existing Pavement And Construct Type III Curb And Gutter. Construct Brick Paver Median Surfacing.

Sta. 50+082.764

Sta. 50+083.149, 16.855 m RT.

Sta. 50+086.800, 22.226 m RT.

Sta. 50+085.800, 23.293 m RT.

Sta. 50+086.854, 23.215 m RT.

Existing R/W 18 288 mm (60')

Sta. 50+087.522

Power Pole To Be Relocated By KG&E

CI-7

Sta. 50+088.633, 14.440 m Rt. Remove Existing Inlet Remove Existing 2.7 m 900 mm RCP(E) Remove Existing 2.7 m 900 mm RCP(W) Construct Inlet (Special Type 2F) (1 750 mm x 1 490 mm) Construct 900 mm x 2.44 m (RCP)(E) Connect To Existing 900 mm RCP w/Collar FL= 61.886 Construct 900 mm x 2.44 m (RCP)(W) Connect To Existing 900 mm RCP w/Collar FL= 61.862

Construction Easement

Sta. 50+081.856, 24.342 m RT.

Sta. 50+081.855, 22.980 m RT.

Remove Existing Drive. Construct 200 mm (AE) P.C.C. Drive

Saw Existing Pavement To Neat Line And Match

Protect Tree

Sta. 50+068.355, 22.846 m RT.

Sta. 50+068.356, 24.346 m RT.

Sta. 50+069.228, 22.555 m RT.

Construction Easement Sta. 50+051.007, 22.913 m RT.

Relocate Sprinkler System In This Area. Subsidiary To The Bid Item For "Relocate/ Reconstruct" Private Sprinkler System.

-1.814%

Existing R/W 22 860 mm (75')

Limits of Construction

Power Pole To Be Relocated By KG&E

Sta. 50+018.886, 23.660 m RT.

Sta. 50+021.022, 30.929 m RT.

Construction Easement

Right Of Way

Sta. 50+025.775, 22.859 m RT.

Sta. 50+027.299, 22.859 m RT.

Sta. 50+028.292, 20.660 m RT.

Sta. 50+030.825, 20.434 m RT.

Sta. 50+042.206, 20.354 m RT.

Existing R/W 22 860 mm (75')

N. Rock Road

Sta. 49+983.285, 23.105 m RT.

Construct 1 500 mm Sidewalk (AE)(100 mm)

Remove Existing Median And Curb & Gutter.

Construct 1 500 mm Sidewalk (AE)(100 mm)

-1.118%

Sta. 49+971.672

Power Pole To Be Relocated By KG&E

-2.510%

Existing R/W 22 860 mm (75')

Remove Existing Curb & Gutter. Place 180 mm Reinforced Crushed Rock Base, 150 mm BM-2 Base Course, And 50 mm BM-2 Wearing Course

Sta. 49+972.471, 22.860 m RT.

Sta. 49+974.205, 22.777 m RT.

Permanent Easement

Sta. 49+977.032, 25.908 m RT.

Sta. 49+977.143, 23.072 m RT.

Sta. 49+974.915, 16.564 m RT.

Construct Type III Curb And Gutter. Construct Brick Paver Median Surfacing.

Remove Existing Curb & Gutter. Place 180 mm Crushed Rock Base, 150 mm BM-2 Base Course, And 50 mm Wearing Course. A 150 mm P.C.C. Base Shall Be Used In Place Of 150 mm BM-2 Base Course Where Proposed Paving Is Less Than 1.5 m In Width.

Sta. 49+975.025, 0.999 m LT.

Saw Existing Pavement To Neat Line Remove Existing Pavement. Construct Type III Curb And Gutter. Construct Brick Paver Median Surfacing.

49+950 50+000 50+050 50+100

Legend

- Portland Cement Concrete
- Brick Paver Median Surfacing
- Pavement Milling w/ Asphalt Wearing Course
- Full Depth Asphalt Pavement
- Brick Paver Crosswalk
- Concrete Base w/ Asphalt Wearing Course
- Pavement Removal
- Control Point
- Existing Property Pin (Found)
- Water Flow
- Construction Easement
- Permanent Easement
- Proposed Right Of Way
- Existing Right Of Way
- (#) Geometrics, See Sheet 93 For Data

All Existing Traffic Control Equipment Shall Be Removed And Replaced Per Traffic Control Plan Sheet. All Existing Equipment Shall Be Stockpiled At The Central Maintenance Facility At 1801 So. McLean.

* Pipe Length Is Approximate. Existing Pipe Shall Be Removed To Nearest Joint And Extended With New RCP To Inlet

See Sheets 20 To 43 For Construction Phasing

Note: Elevations Are At Even 10 m Stations Unless Otherwise Noted.

N. 21st STREET
PLAN
STA. 49+950 - 50+100

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Designed By:	BWE	Checked By:	RJK
Drawn By:	HS	Date: 03-25-2002	Job No. 55-70-2003