APPENDIX III

The following Site Data Forms are designated as Prospective Sites; Sampled. The sites described herein are depicted on the county materials maps as a "▼".

--- Fence
-- Trail or lane
+++ Railroad
--- Road
----- Hedge or trees
- Major streams
- Intermittent streams
- Pond or lake

□ Farm site
○ Open materials site
△ Prospective materials site
○ Center of section
+ Cemetery
- School
- Church
□ Town or city
STATE HIGHWAY COMMISSION OF KANSAS

MATERIAL SURVEY REPORT

LS-50
Site No. Pg
Date: January 1966
Locality: Limestone
County: Brown

Location: SE4, SE4 Sec. 10 Tp. 1S R. 15E
Owner: Louis J. Fulton
1223 Oregon St., Sabetha, Kansas

Dry

Nature of Deposits: Accessible

Status of Site: Prospective site; sampled

EXPLORATION DATA

Electrical Index Water Permeability Rock Porosity Material Percent Retained

Permian
Grenola Limestone

Material Similar to: Material reported on S.H.C.
619 No. 7-31 and Lab. No. 27543

Specific Gravity (Dry): 2.31
Los Angeles Wear: 50.0 B
Accumulation: 3.74 Soundness: 0.94
Wt. GC. F.:

Remarks:

Scale: 1" = ¼ mile
STATE HIGHWAY COMMISSION OF KANSAS

MATERIAL SURVEY REPORT

Site No. LS-51
Pg
Date January 1966

Material Limestone
County Brown
Location NE ¼ Sec. 9 Twp. 38 Range 15E
Owner A. H. Frontman
City Fairview, Kansas
Weather Dry

State of Site Prospective site; sampled

EXPLANATION DATA

<table>
<thead>
<tr>
<th>Task No.</th>
<th>Material or Surface of Site</th>
<th>Percent Material</th>
<th>L.F.</th>
<th>L.L.</th>
<th>M.I.</th>
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<tbody>
<tr>
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<td></td>
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</tbody>
</table>

(Additional data)

Geological unit Permian
Geological source Grenola Limestone
Material Similar to Material reported on SHC 619 No. 7-15 and Lab No. 87176
Specific Gravity (Sat.) 2.36 (Dry) 2.21
Los Angeles Wear 35.7 (B)

Absorption Soundness 0.90

Mt. Cst.: Str. Ratio

Remarks
Si-52 Qal

Date: January 1966

Site No.: Silt
County: Brown

Location: SE1/4 NW1/4 Sec. 9, Tp. 38, Rg. 13E
Town: Wendell Tyler 206 N. 14th, Sabetha, Kansas

Nature of Deposit: Dry
Accessibility: Good

Status of Site: Prospective site; sampled

Topsoil Data

<table>
<thead>
<tr>
<th>Soil Type</th>
<th>Material</th>
<th>Depth of Material</th>
<th>Percent Material</th>
<th>Soil Type</th>
<th>C.F.</th>
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</thead>
<tbody>
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<td>1 SIC</td>
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<td>1.5</td>
<td>0 13 91</td>
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<td>35 14</td>
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<tr>
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<td></td>
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<td>0 1 26 89</td>
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<td>35 15</td>
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<tr>
<td>3 SIC</td>
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<td>1.5</td>
<td>0 1 96</td>
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<td>35 12</td>
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</table>

Quaternary

Geological Age: Alluvium

Material reported on SBC Form 619
No. 7-17

Specific Gravity (Sat.): (grav)
Los Angeles Wear: 
Absorption: 
Water Content: 
Size, Grade: 
Remarks: 
STATE HIGHWAY COMMISSION OF KANSAS

MATERIAL SURVEY REPORT

LS+53
Fg

Site No.: Limestone
County: Brown
Location: NE
Sec. 10
Town: 3S
Range: 15E
Owner: Harold H. Trentman
Fairview, Kansas

Water: Dry
Accessibility: Good

Status of Site: Prospective site, sampled

EXPLORATION DATA

|-----------|----------|------------------|------------------------|---------|----------|------|------|------|

CORRELATION DATA

Geological age: Permian
Geological Source: Grenola Limestone
Material Similar to: Material reported on SHC 619 No. 7-14 and Lab Nos. 84908, 84909, 14655

Specific Gravity (Satn.): 2.42, 2.41, 2.36 (Dry), 2.22
Los Angeles Wear: 35.60 (B), 31.7 (B), 36.9 (B)
Split: 4.80, 5.40, 6.51
Water Content: 0.92, 0.92, 0.88
Min. Co. Ft.: 6
Stu. Ratio: 
Reduct.:
**State Highway Commission of Kansas**

**Water Survey Report**

**Si-54**

<table>
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<tr>
<th>Site No.</th>
<th>Material</th>
<th>County</th>
<th>Location</th>
<th>Cover</th>
<th>Material of Deposit</th>
<th>Accessibility</th>
<th>Status of Site</th>
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<tbody>
<tr>
<td>Si-54</td>
<td>Silt</td>
<td>Brown</td>
<td>Sec. 10</td>
<td>Tp. 3S</td>
<td>Rng. 15E</td>
<td>Poor</td>
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**Explosion Data**

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<th>Depth</th>
<th>Volume</th>
<th>Depth of</th>
<th>Percent Recovered</th>
<th>Depth of</th>
<th>Percent Recovered</th>
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<tr>
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<td>SIC</td>
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<td>32 11</td>
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<tr>
<td>5</td>
<td>SIC</td>
<td>1.5</td>
<td>0 2 5 91</td>
<td>35 13</td>
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</tr>
<tr>
<td>6</td>
<td>SIC</td>
<td>1.5</td>
<td>0 1 2 96</td>
<td>34 12</td>
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</tbody>
</table>

**Correlation Data**

Geological Age: Quaternary

Geological Source: Alluvium

Material Similar to: Material reported on SHC Form 619 No. 7-16

Specific Gravity (Sat.)

Liauganum Ochraceum

Observations

Mo. Co.: Str. Ratio

Remarks

**Refer: 1" = 1/4 Mile**
EXPLANATIONS OF MATERIALS SITE DESIGNATIONS

- Open site; not sampled (See Appendix I)
- Open site; sampled (See Appendix II)
- Prospective site; sampled (See Appendix III)

Material Type
- CG Chert Gravel
- SG Sand and Gravel
- LG Limestone Gravel
- LS Limestone
- FS Fine Sand
- S Sand
- Sl Slit

Estimated Quantity
+ indicates more than 20,000 cubic yards
- indicates less than 20,000 cubic yards

Site Data Sheet Number

Geologic Age and Unit

EXPLANATION OF MAP SYMBOLS

Qal Alluvium
- Prospective Limestone Gravel

Exosed Limestone
Exosed Limestone

Tt Teriary
- Permian Beattie Limestone Formation
- Permian Granola Limestone Formation
- Pennsylvanian Tarkio Limestone Member
- Pennsylvanian Barm Limestone Formation

Qgd Glacial Drift

Scale: 1 0 1 2 3 4 Miles

prepared by the
STATE HIGHWAY COMMISSION OF KANSAS
in cooperation with the
U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
BROWN COUNTY MATERIALS

MAP LEGEND

EXPLANATIONS OF MATERIALS SITE DESIGNATIONS

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Material Type

CG Chert Gravel
SG Sand and Gravel
LG Limestone Gravel
LS Limestone
PS Fine Sand
S Sand
Si Silt

Estimated Quantity
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Site Data Sheet Number

Geologic Age and Unit

EXPLANATION OF MAP SYMBOLS

Qal Alluvium
Exposed Limestone
Exposed Limestone
Prospective Limestone
Gravel
Gravel
Exposed Limestone

Tt Tertiary
- Pb-Permian Beattie Limestone
- Pg-Permian Granola Limestone
Formation
Formation

Qgd Glacial Drift
- Wt-Pennsylvanian Tarkio
Limestone Member
- Wb-Pennsylvanian Berm
Limestone Formation

Scale: 1 2 3 4 Miles

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MAP LEGEND

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- S Sand
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- indicates less than 20,000 cubic yards

Site Data Sheet Number

Geologic Age and Unit

EXPLANATION OF MAP SYMBOLS

- Qal Alluvium
- Prospective Limestone Gravel

- Tt Tertiary

- Ogd Glacial Drift

Exposed Limestone
Unexposed Limestone

-Pb-Permian Beattie Limestone Formation
-Pg-Permian Granola Limestone Formation
-Tt-Pennsylvanian Tarkio Limestone Member
-Pb-Pennsylvanian Berm Limestone Formation

Scale: 1 0 1 2 3 4 Miles

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MAP LEGEND

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- SI Silt

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Site Data Sheet Number

Geologic Age and Unit

EXPLANATION OF MAP SYMBOLS

Qal Alluvium
- Prospective Limestone Gravel

Tt Tertiary

Ggd Glacial Drift

Exposed Limestone

Unexposed Limestone

-Pb-Permian Beattie Limestone Formation
-Pg-Permian Granola Limestone Formation
-Pt-Pennsylvannian Tarkio Limestone Member
-Pb-Pennsylvannian Berm Limestone Formation

Scale: 1 0 1 2 3 4 Miles

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