PAVING IMPROVEMENT OF ALLEY

FROM

ENGLISH TO WILLIAM BETWEEN EMPORIA AND ST. FRANCIS

IN

THE CITY OF WICHITA

SEDGWICK COUNTY, KANSAS

MICHAEL E. LINDEBAK, P.E., CITY ENGINEER

CITY PROJECT NO. 472-76-245-81730-000-000-001 **INDEX # 606103**

INDEX OF SHEETS

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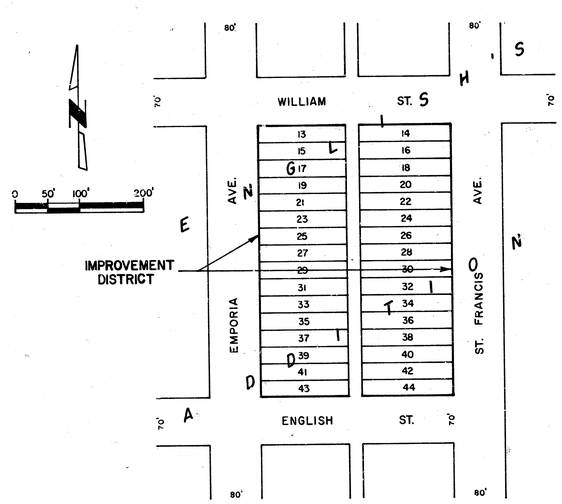


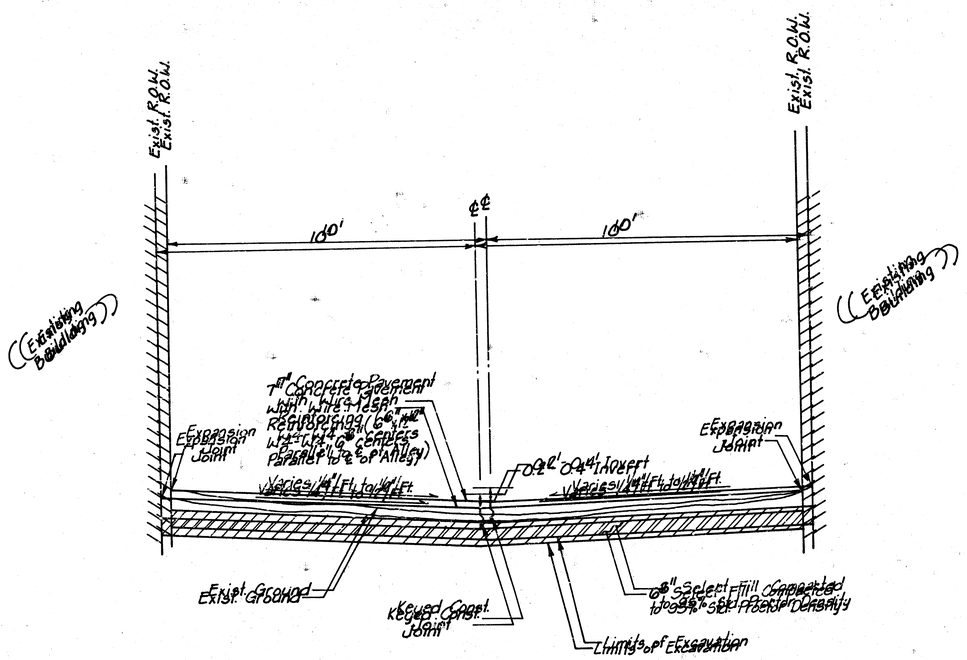
SEPTEMBER, 1988

Booker/Freund
Engineers Architects Planners

STEVEN K. BACHENBERG LICENSED 7017 PROFESSIONAL ENGINEER

APP. | CKD. | TR. | DR. | DES. | PLOT. | SURV.

DWG. NO. 1 of 5



TYPICAL PAVING SECTION

NOTE: Contractor will be required to excavate the subgrade for the entire pavement to a 6 inches below bottom of proposed pavement. Six inches of contractor furnished select fill material will be placed and compacted to 95% Std. Proctor density to support the proposed alley pavement. Excavation necessary to obtain proper cubic yard of Unclassified Excavation will be paid for at the unit price bid per cubic yard of Unclassified Excavation which price shall include the cost of removing concrete rubble to a depth 6 inches below the bottom of the proposed pavement.

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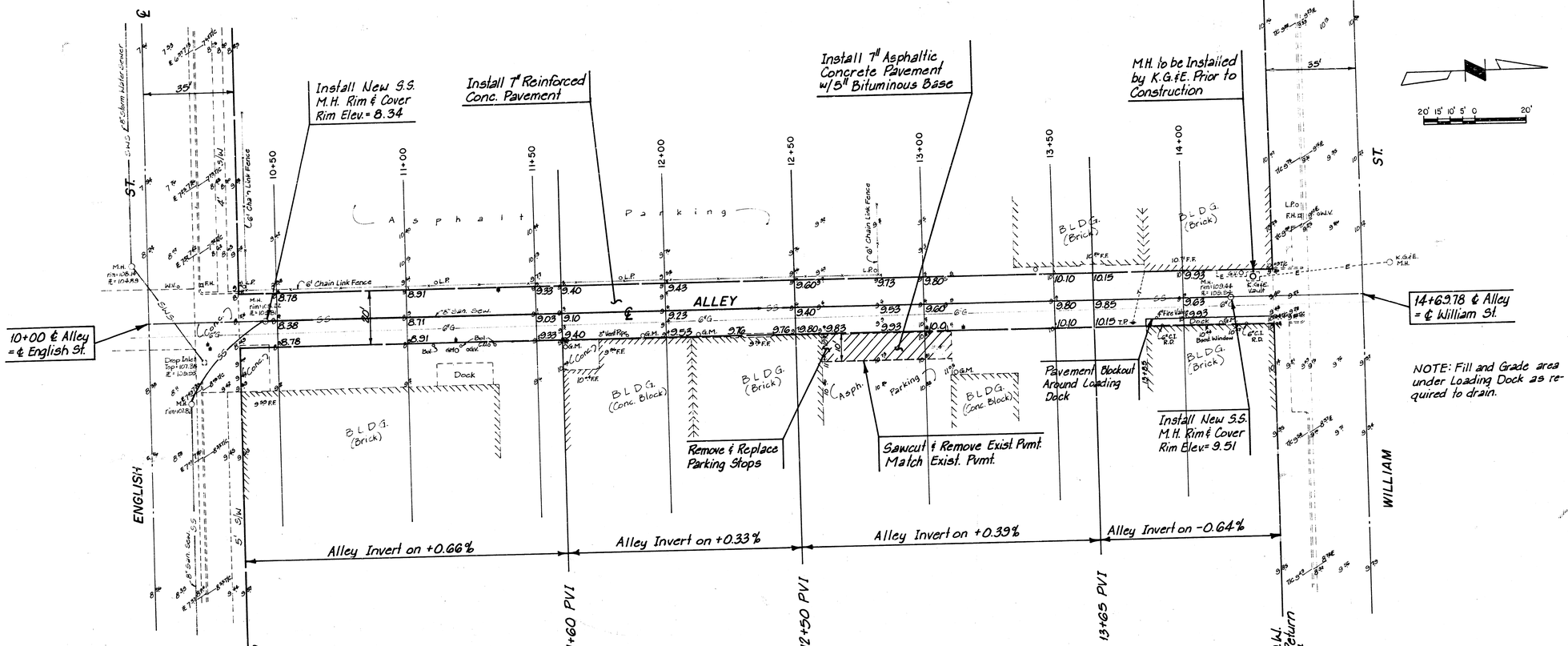
PAVING IMPROVEMENT OF ALLEY
FROM ENGLISH TO WILLIAM
BETWEEN ST. FRANCIS & EMPORIA

CITY PROJECT NO. 04-1227-42-2458-03-00-00-00-001

[redacted] Engineers Architects Planners

22/55

1"=22' | SEPT. 1988 | 22 of 55



NOTES

1. Utility service lines, poles, valve boxes, meters, etc., are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans represent the best information obtainable for design. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

2. A saw cut 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, except when such saw cutr are within three (3) feet of an existing joint the limits of removal shall be extended 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.

3. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.

4. The City of Wichita's Sewer Maintenance Division of the Department of Water and Water Pollution Control has televised sewers within the limits of the project and have found no defects requiring repair. The Division shall be notified and afforded the opportunity to retelevise sewer lines after subgrade work has been completed and prior to pavement construction to determine if such sewer lines have been damaged by the Contractor's operations. Damaged sewer lines will be repaired by the Contractor, as directed by the Engineer, at the Contractor's expense. Television logs are available for inspection by the Contractor during normal office hours at the Sewer Maintenance Division's office at City Hall.

5. Contractor shall give property owners abutting this project, whose yards will be lower than the new finished grade elevation at the right-of-way line, an opportunity to utilize excess excavated material from the project to regrade their yards to drain to the new pavement. Contractor will be required to dump and spread the excess material as required by the property owner before any such excess material is delivered to such properties.

6. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor or a licensed professional engineer in accordance with state laws.

7. The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction.

Broadway & Central Ave.
Brass Rod in Concrete, 46' south of center line
Central Ave. and 39' east of center line
Broadway
Elev. 112.48

B.M.#1- Chiseled "□" on step
Sta. 9+50, 25' Rt. El.= 109.71

B.M.#2- Chiseled "□" Top of Sidewalk
Sta. 15+05, 10' Rt. El. 110.12

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CITY PROJECT NO. 472-76-245-81730-000-000-001

Booker/Freund Engineers Architects Planners

SCALE 1" = 20' | DATE SEPT., 1988 | DWG. NO. 3 of 5

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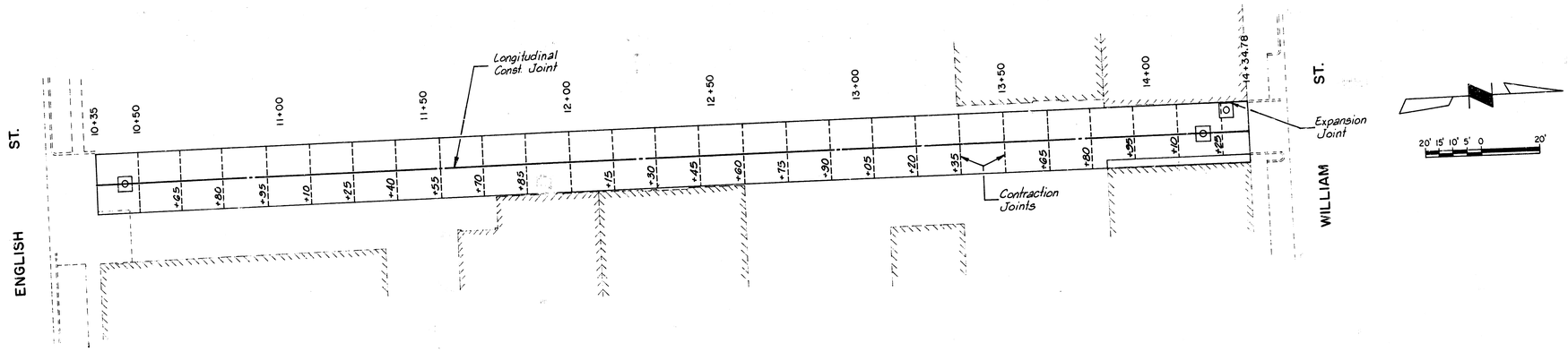
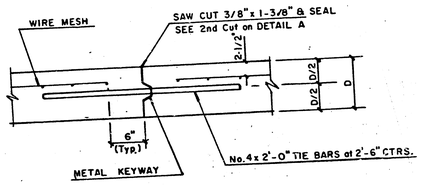
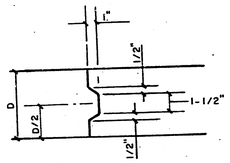
SURV. J.G. | PLOT. K.M. | DES. K.M. | DR. R.C. | TR. R.C. | CKD. S.K.B. | APP.

CUSTOM BLUEPRINT

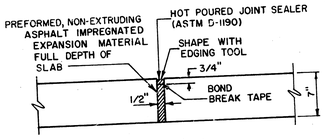




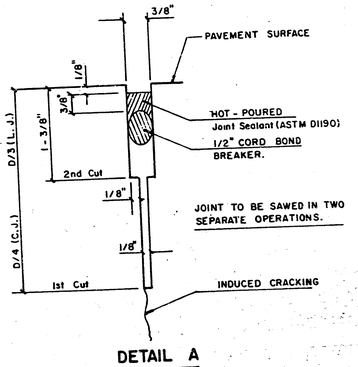
LONGITUDINAL CONSTRUCTION JOINT (L.J.)



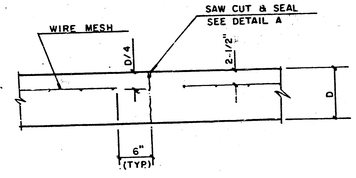
KEYWAY DETAIL



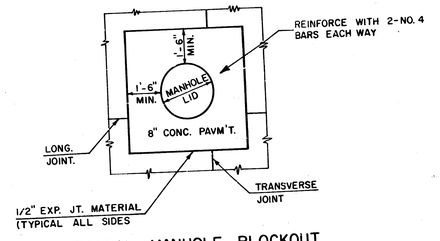
EXPANSION JOINT (E.J.)



DETAIL A



CONTRACTION JOINT DETAIL (C.J.)



TYPICAL MANHOLE BLOCKOUT (CONC. PAVEMENT)

APP. CKD. TR. DR. DES. PLOT. SURV.

CUSTOM BLUEPRINT

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4/5

SCALE 1" = 20' | DATE SEPT, 1988 | DWG. NO. 4 of 5

Sta 11+50
110
EXCAV. = 21.7 SF
CY = 10 SF
105
L=51'
EXCAV = 43.2CY
CF = 18.5CY
Sta 11+00
110
EXCAV = 25 SF
CF = 10 SF
105
L=50'
EXCAV = 43.5CY
CF = 18.6CY
Sta 10+50
110
EXCAV = 22 SF
CF = 10 SF
105
L=15'
EXCAV = 8.9 CY
CY = 5.6 CY
10+35
EXCAV: 10 SF
CF: 10 SF
TOTAL
EXCAV = 334.3 CY
CF = 142 CY
No EXCAV. TO BE USED AS FILL
BORROW EXCAV. (COUNT: FULL): 1.3 x CF: 175 CY
Sta 12+00
110
EXCAV = 21.7 SF
CF = 10 SF
105
L=50'
EXCAV = 40.2 CY
CF = 18.6 CY
Sta 12+50
110
EXCAV = 23 SF
CF = 10 SF
105
L=50'
EXCAV = 41.4 CY
CF = 18.6 CY
Sta 13+00
110
EXCAV. = 27.3 SF
CF = 10 SF
105
L=50'
EXCAV = 46.4 CY
CF = 18.5 CY
Sta 13+50
110
EXCAV = 23 SF
CF = 10 SF
105
L=50'
EXCAV = 44.4 CY
CF = 18.5 CY
Sta 14+00
110
EXCAV = 23 SF
CF = 10 SF
105
L=50'
EXCAV = 42.6 CY
CF = 18.5 CY
Sta 14+50
110
EXCAV = 21.3 CY
CF = 12.9 CY
105
L=34.78'
14+38.78
EXCAV = 10.0
CF = 10.0