

GENERAL NOTE

The geological information shown on these plans is from studies made in the field and represents the best information available to the Kansas Department of Transportation.

At borrow area locations adjacent to the Right of Way, utility poles may be set at the permanent locations prior to construction as approved by the Engineer provided a minimum vertical clearance, in accordance with the National Electrical Safety Code, is obtained. The Contractor will be required to work around these poles to complete the work.

Borrow areas provided by the Contractor shall be approved by the Engineer as to suitability of material and location. Special care shall be taken in this approval to minimize the increase of siltation and turbidity of streams, lakes and reservoirs and to avoid interference with the movement of migratory fish. Areas which, in the opinion of the Engineer, may leave an unsightly appearance to the project will not be approved.

All borrow area locations shall be submitted to the Bureau of Local Projects for clearance from the Kansas Historical Society and the Kansas Department of Wildlife and Parks prior to any excavation.

It shall be the responsibility of the Contractor to restore, seed and/or complete other operations noted in the agreement with the land Owner, approved by the Engineer, on all disturbed areas used to provide borrow areas for Common Excavation (Contractor Furnished).

Channels shall be cut at box culverts (unless otherwise noted) to flow line elevations and to a width of 300 mm outside of each outside wall and with 1:2 slopes prior to construction of the culvert.

Embankment quantities for initial consolidation and settlement shown in the earthwork quantities are Subsidiary to other earthwork items. Material for the embankment is included in the excavation quantities.

Excavation required for placing select soil is included in the Common Excavation quantities.

Where easements are shown on railroad Right of Way, the Contractor shall be required to work around and not disturb the railroad communication or signal poles or lines.

Excavation shown to be wasted shall be wasted on sites 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.

All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers permitting regulations.

Any material buried or stockpiled beyond approved construction limits would require additional archeological investigations unless buried in a previously approved borrow location.

All trees, hedge rows, shelter belts, and woody shrubs not shown to be removed and located between the construction limits and the Right-of-Way line or easement line shall be spared unless directed by the Engineer to be removed.

BY	DATE
B.R.E.	2-25-99
T.L.C.	2-25-99
REFERENCES NOTED	
REFERENCES CHECKED	

Ⓢ P.C. Sta. 4+742.511
N: 994.3090, E: 472.1600
1. Found 0.013 m bar on Ⓢ
2. Pk. nail W. end of 0.60 m metal culvert pipe. 9.778 m S.
3. 60d nail N. face of R.R. tie fence post. 36.726 m S.E.
4. 0.013 m bar. 19.605 m S.S.E.

Ⓢ P.I. Sta. 4+837.115 (Bk.) = Sta. 4+836.493 (Ahd.)
N: 999.1425, E: 566.6406
1. Set 0.013 m bar.
2. Ⓢ top of Tel. pedestal. 4.511 m S.W.
3. 60d nail W. face of 0.9 m Maple tree. 11.475 m S.E.
4. Ⓢ T.W. of County Route #10 3.940 m N.

Ⓢ P.T. Sta. 4+931.097
N: 1022.5240, E: 658.3100
1. Set Pk. nail on Ⓢ

Ⓢ P.C. Sta. 10+050.070
N: 1016.2421, E: 638.0663
1. Not set.

Ⓢ P.I. Sta. 10+069.404 (Bk.) = Sta. 10+067.258 (Ahd.)
N: 1019.6043, E: 657.1062
1. Not set.

Ⓢ P.T. Sta. 10+086.592
N: 1008.1071, E: 672.6508
1. Not set.

Ⓢ P.O.T. Sta. 10+101.534 (Eisenhower Dr.) =
Ⓢ P.O.C. Sta. 23+779.962 (Tonganoxie Dr.)
N: 999.2219, E: 684.6639
1. Not set.

Ⓢ P.O.T. Sta. 10+099.158 (Eisenhower Dr.) =
Ⓢ P.O.T. Sta. 23+779.592 (Tangent Ahead)(Tonganoxie Dr.)
N: 1000.6349, E: 682.7536
1. Not set.

FHWA REG. NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	52 C 3604-01	1999	5	70

Ⓢ P.O.T. Sta. 5+000.000 (Bk.) =
Ⓢ P.O.T. Sta. 23+837.088 (Tonganoxie Dr.)
N: 1039.5530, E: 725.0750
1. Found 0.013 m bar on Ⓢ
2. 60d nail top of guard post 27.946 m N.
3. 0.013 m bar @ edge of road. 19.480 m W.
4. 0.013 m bar, P.O.T. 5+000.110 (Ahd.) 22.959 m S.S.W.



Scale 1:500

STA. 10+000.000; BEGIN
Proj. 52 C 3604-01=
STA. 427+26.17 On
Proj. 52-S-15(2)

Ⓢ CURVE DATA
P.I. Sta. 4+837.115 (Bk.) =
P.I. Sta. 4+836.493 (Ahd.)
Δ = 11°22'49"
R = 949.468 m
T = 94.604 m
L = 188.586 m
E = 4.702 m

Ⓢ CURVE DATA
P.I. Sta. 10+069.404 (Bk.) =
P.I. Sta. 10+067.258 (Ahd.)
Δ = 46°30'07"
R = 45.000 m
T = 19.334 m
L = 36.523 m
E = 3.978 m
Super = 3.0%

Ⓢ Sta. 10+000.000 =
Ⓢ Sta. 4+7859.933

Sta. 10+101.534 (Eisenhower Dr.) =
Sta. 23+779.962 (Tonganoxie Dr.)
Sta. 10+099.158 (Eisenhower Dr.) =
Sta. 23+779.592 (Tangent Ahead)(Tonganoxie Dr.)

Sta. 10+119.204 Install
600 mm x 31.2 m CRP (RCP)
Rotate 11°37' Rt.
with End Sections
See Sheet No. 14, 20

PROJECT SURVEY CONTROL
Horiz. Proj. Datum: Assumed

The Datum Bench for this project is a M.J. Harden
0.013 m (#4) bar, Photo Control Point on the top
of Bossman Hill, South and West of West 1/4
Corner Section 16-19S-R22E.
M. J. Harden Project No. 1992-103, Photo
Pt. No. 3054. Elev. 1113.29 Ft. 339.3315 m.

Electric
Leavenworth/Jefferson Electric Cooperative Co.
507 N. Union, P.O.Box 70
McLouth Ks. 66054
Mike Stout
(888) 796-6111

Telephone
Southwestern Bell
5400 Foxridge, Rm. 500
Mission, Ks. 66206
Dan Miller
(913) 676-1383

Water
R.W.D. #8
P.O.Box 246
Leavenworth, Ks. 66048
Ron Zule
(913) 727-6616

Electric
KPL
2720 2nd. Ave.
Leavenworth, Ks. 66048
Bill Wallace
(913) 758-2733

Gas
C.O.G. Transmission
P.O.Box 1450
Castle Rock, Co. 80104
Jeff Ogden
(816) 769-7736

West 1/4 Corner, Section 16-19S-R22E.

N: 995.1030, E: 199.7936

1. Set 0.013 m pipe w/ "PEC" cap. 5.872 m N.
2. 0.013 m bar W. side drive. 2.75 m S.
3. Ⓢ T.W. of asphalt County Route #10 18.288 m S.
4. Found 0.013 m iron pipe at the N.W. corner tract. 18.116 m N.N.W.
5. Pk. nail W. face 0.3 m Red Bud tree 26.433 m N.E.
6. 60d nail W. face power pole. 42.441 m S.W.
7. 0.013 m bar "MJH" cap, photo control point.

B.M. #11 R.R. spike N face of power pole at the N.W. corner
of residential lot at the S.W. corner of County Routes #5 & #10
24.6 m Rt. Sta. 4+778.75 Elev. 311.496 m

B.M. #12 Chiseled square top of 0.61m RCP culvert under
County Route #10 W. side of County Route #5
10.75 m Rt. Ⓢ Sta. 4+939.11 Elev. 302.722 m

LEGEND

Pavement Removal

PROFESSIONAL
ENGINEERING
CONSULTANTS, P.A.
1263 S.W. TOPEKA BLVD
TOPEKA, KANSAS 66612-1852
PH (785) 233-8300 FAX (785) 233-8855

KANSAS DEPARTMENT OF TRANSPORTATION
PLAN - EISENHOWER DRIVE
(County Route #10 & #34)
STA. 10+000 TO STA. 10+150