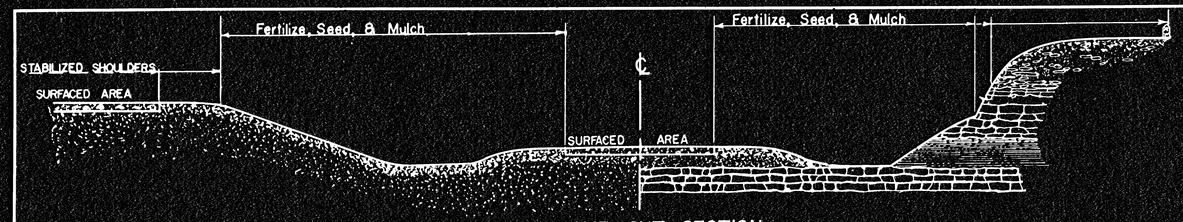
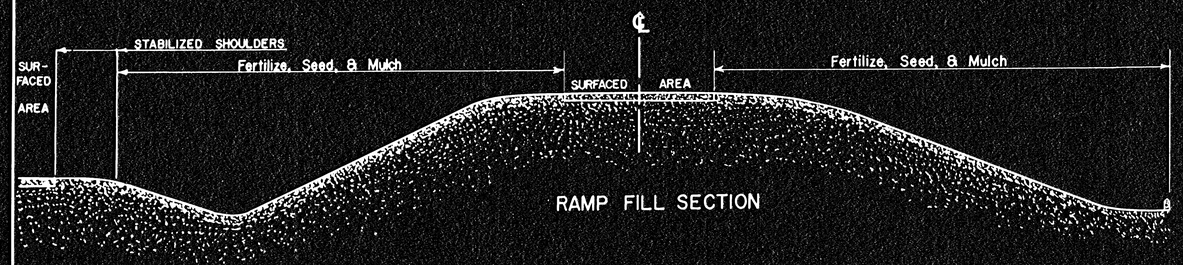
FHWA REG.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	35W-87 I-35W-1(33)46	1976	169A	304

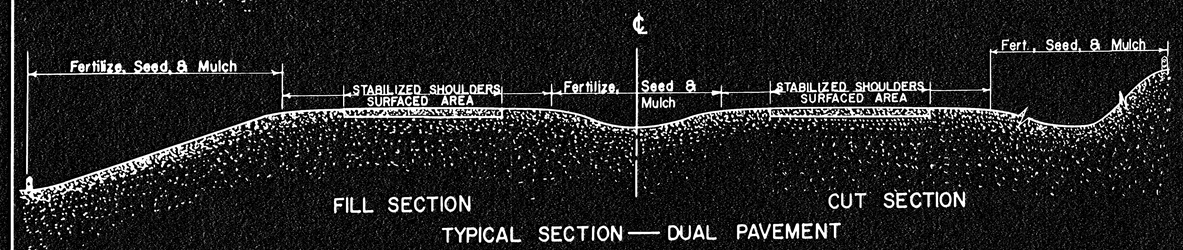
PHASE III



RAMP CUT SECTION



RAMP FILL SECTION



FILL SECTION CUT SECTION

TYPICAL SECTION — DUAL PAVEMENT

THE ENTIRE RIGHT OF WAY, EXCEPTING THE PAVED OR SURFACED AREAS, STEEP ROCKY SLOPES AND AREAS OF UNDISTURBED NATIVE SOD OR OTHER DESIRABLE VEGETATION SHALL BE FERTILIZED (LIMED WHEN REQUIRED), SEEDED, AND MULCHED. SOIL PREPARATION SHALL CONFORM TO THE STANDARD SPECIFICATIONS.

THE AMOUNT OF MULCH IN THE BID QUANTITIES IS ESTIMATED. THE TOTAL MULCH REQUIRED SHALL BE DETERMINED IN THE FIELD.

MULCH SHALL BE SPREAD UNIFORMLY OVER ALL DISTURBED AREAS AND PUNCHED INTO THE SOIL, UNLESS OTHERWISE NOTED ON THE PLANS.

ALL BORROW AREAS SHOWN ON THE PLANS ARE TO BE FERTILIZED, SEEDED, AND MULCHED. HOWEVER, OPERATION IN BORROW AREAS WHERE CROPS ARE GROWING MAY BE OMITTED WHEN REQUESTED BY THE OWNER.

The rate of application per acre, thickness in place for the various mulching materials are as follows;

Prairie Hay Mulching	1½ - 2½	*tons per acre*	=	1½" *loose depth spread uniformly over acre.*
Bromegrass Mulching	1½ - 2½	*tons per acre*	=	1½" *loose depth spread uniformly over acre.*
Wheat or Oats Straw Mulching	1½ - 2	*tons per acre*	=	3" *loose depth spread uniformly over acre.*
Wood Chips Mulching	4 - 5	*tons per acre*	=	1"-2" *loose depth spread uniformly over acre.*

Other vegetative mulches may be acceptable, if Engineer concurs.

The above rates are a guide. It will be at the discretion of the Engineer to determine what rate is sufficient, for adequate protection of newly seeded areas.

Fertilizer Note; ⊛ A ratio and application rate that equals or exceeds the required minimum rate per acre of N - P_2O_5 - K_2O listed in Summary of Quantities will be acceptable.

SUMMARY OF SEEDING QUANTITIES

SEEDING PERIOD: FEB. 15 TO APRIL 20 AND AUG. 15 TO SEPT. 30 | SODDING PERIOD: BERMUDA GRASS SOD ROOTS - APRIL 15 TO JUNE 15

RATE	ACRES	ITEM	BID QUANTITIES	UNIT
400	18.4	⊛ *Fertilizer (12-24-12)*	7360	lbs.
400	18.4	*Fescue, K-31, Seed*	7360	lbs.
10	18.4	*Italian Ryegrass Seed*	184	lbs.
20	18.4	*Kentucky Bluegrass Seed*	368	lbs.
		Erosion Control	2,175	sq yds
		Mulching	18	acres

Note; Fertilizer, seed and mulch are included for Mt. Vernon and Lincoln Streets; construction previously completed under Phase I.

EROSION CONTROL REQUIRED

side	sta	to sta	squard yards
Rt. Ditch Lining	230+40	233+00	636
Lt. Ditch Lining	248+60	249+94	328
Lt. Ditch Lining	258+90	260+10	293
Ramp No# - N E, Kellogg Ave. Interchange			
Lt. Ditch Lining	34+00	35+82	445
Ramp N W Kellogg St. Interchange			
Rt. Ditch Lining	15+90	17+10	240
Ramp A Grove St. Interchange			
Lt. Ditch Lining	11+00	13+10	233
PHASE III Erosion Control Total			2,175

MT. VERNON STREET

Sta 36+50 - Sta 48+00	5 acres
Sta 52+00 - Sta 62+25	4 acres

LINCOLN STREET

Sta 37+00 - Sta 48+00	5 acres
Sta 52+00 - Sta 62+50	4 acres

NO.	DATE	REVISIONS	BY	APP'D
4	11-1-71	*Fertilizer Note Added*	LFP	L.M.C.
3	6-12-68	*Revised*	L.F.P.	L.M.C.
2	7-1-64	*Mulching Borrow Pits (Note Added)*	L.D.S.	F.T.R.
1	9-16-60	*Revised and Redesigned*	H.L.H.	F.T.R.

KANSAS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SEEDING—SODDING SUMMARY OF SEEDING QUANTITIES

STD. NO. 850.4

SHEET NO. OF	SCALE *No Scale*	APP'D			
DESIGNED *F.T.R.*	DETAILED *E.G.M.*	QUANTITIES		TRACED *H.L.H.*	
DESIGN CK. *F.T.R.*	DETAIL CK *L.M.C.*	QUAN. CK		TRACE CK. *F.T.R.*	