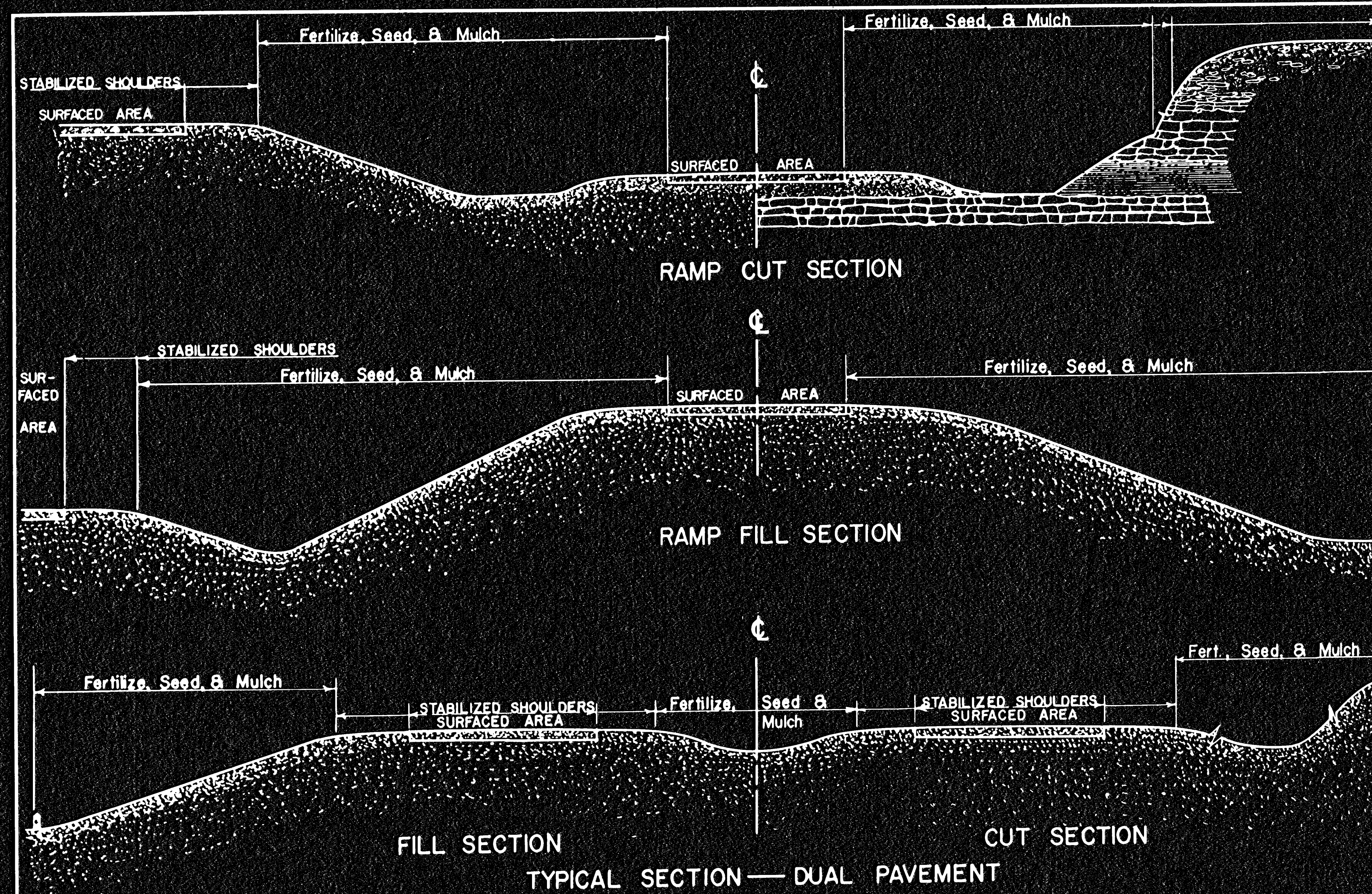




| F.H.A. REG. | STATE  | PROJECT NO.     | YEAR | SHEET NO. | TOTAL SHEETS |
|-------------|--------|-----------------|------|-----------|--------------|
| 7           | KANSAS | 96-87 044-1(13) | 1976 | 246       | 557          |

PHASE II

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         | 1 1/2 - 2 1/2 tons per acre | = | 1 1/2" loose depth spread uniformly over acre.  |
| Brome Grass Mulching         | 1 1/2 - 2 1/2 tons per acre | = | 1 1/2" loose depth spread uniformly over acre.  |
| Wheat or Oats Straw Mulching | 1 1/2 - 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<sub>2</sub>O<sub>5</sub> - K<sub>2</sub>O 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     |
|                                                             | Pt. I | Pt. II |                                      | Pt. I                                                         | Pt. II | Total  |          |
| 350 *                                                       | 102   | 9.4    | * Fertilizer (12-24-12)              | 35,700                                                        | 3,290  | 38,990 | lbs.     |
| 4                                                           | 102   | 9.4    | Blue Grama Grass Seed (Lovington)    | 408                                                           | 38     | 446    | lbs.     |
| 6                                                           | 102   | 9.4    | Italian Ryegrass Seed                | 612                                                           | 56     | 668    | lbs.     |
| 4                                                           | 102   | 9.4    | Little Bluestem Grass Seed (Aldous)  | 408                                                           | 38     | 446    | lbs.     |
| 12                                                          | 102   | 9.4    | Sard Bluestem Grass Seed (Woodward)  | 1,224                                                         | 113    | 1,337  | lbs.     |
| 3                                                           | 102   | 9.4    | Sard Lovegrass Seed                  | 306                                                           | 28     | 334    | lbs.     |
| 7                                                           | 102   | 9.4    | Side-Oats Grama Grass Seed (El Reno) | 714                                                           | 66     | 780    | lbs.     |
| 4                                                           | 102   | 9.4    | Switchgrass Seed (Blackwell)         | 408                                                           | 38     | 446    | lbs.     |
| 8                                                           | 102   | 9.4    | Western Wheatgrass Seed (Barton)     | 816                                                           | 75     | 891    | lbs.     |
|                                                             |       |        | Erosion Control                      | 462                                                           | 0      | 462    | sq. yds. |
|                                                             |       |        | Mulching                             | 102                                                           | 9.4    | 111.4  | acres    |

EROSION CONTROL LOCATIONS  
side sta. to sta. square yards  
PHASE II  
Pt. I  
Ramp 3

Lt. Ditch Lining 914+69 917+00 462

|    |         |                                   |     |        |
|----|---------|-----------------------------------|-----|--------|
| 4  | 11-1-77 | Fertilizer Note Added             | LFP | L.M.C. |
| 3  | 6-12-68 | Revised                           | LFP | L.M.C. |
| 2  | 7-1-64  | Mulching Borrow Pits (Note Added) | LDS | F.T.R. |
| 1  | 9-16-60 | Revised and Redesigned            | HLH | F.T.R. |
| NO | DATE    | REVISIONS                         | BY  | APP'D  |

| KANSAS DEPARTMENT OF TRANSPORTATION |        |            |           |            |
|-------------------------------------|--------|------------|-----------|------------|
| EROSION CONTROL                     |        |            |           |            |
| SEEDING—SODDING                     |        |            |           |            |
| SUMMARY OF SEEDING QUANTITIES       |        |            |           |            |
| STD. NO. 850.4                      |        |            |           |            |
| SHEET NO.                           | OF     | SCALE      | APP'D     |            |
| DESIGNED                            | F.T.R. | DETAILED   | E.G.M.    | QUANTITIES |
| DESIGN CR.                          | F.T.R. | DETAIL CR. | L.M.C.    | QUAN. CR.  |
|                                     |        |            | TRACED    | H.L.H.     |
|                                     |        |            | TRACE CR. | F.T.R.     |