EARTHWORK

TOTAL EXC= ~~6876~~ C. Y.
+10%= 867.6 C. Y.

EXC. TOTAL= ~~9543.6 C. Y.~~

COMP. FILL= ~~3044~~ C. Y.
+10%= 304.4 C. Y.

COMP. FILL TOTAL= 3348.5 C. Y.

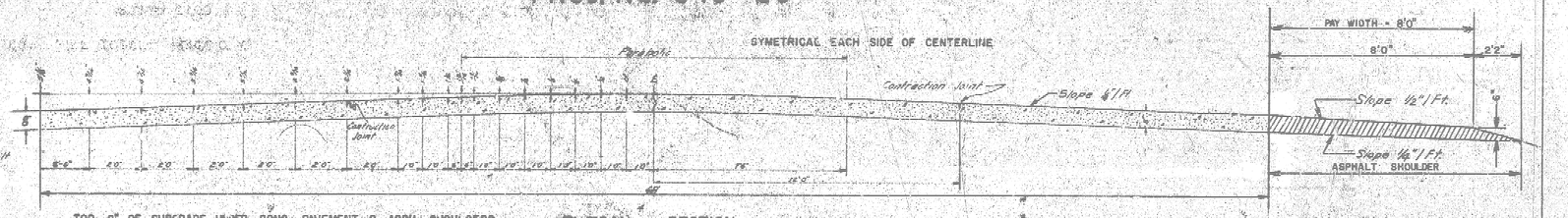
HYDRAULIC AVE.

N.L. I-35 W, TO N.L. S.E. 1/4 SEC. 33, TWP. 26 S, R. 1 E

PROJ. NO. C 15-29

ASPHALT SHOULDERS TO BE PAID FOR AS S. Y. OF ASPH. SHOULDERS
ASPHALT ENTRANCES TO BE PAID FOR AS S. Y. OF ASPH. ENTRANCES

ASPHALT SHOULDERS AND ENTRANCES TO CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR ASPHALT BASE COURSE. ASPHALT SHOULDERS TO BE LAID IN THREE LIFTS. ASPHALT ENTRANCES TO BE LAID IN AT LEAST TWO LIFTS.

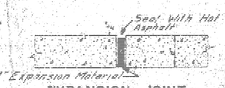


TOP 6" OF SUBGRADE UNDER CONC. PAVEMENT & ASPH. SHOULDERS IS TO BE TREATED WITH HYDRATED LIME.

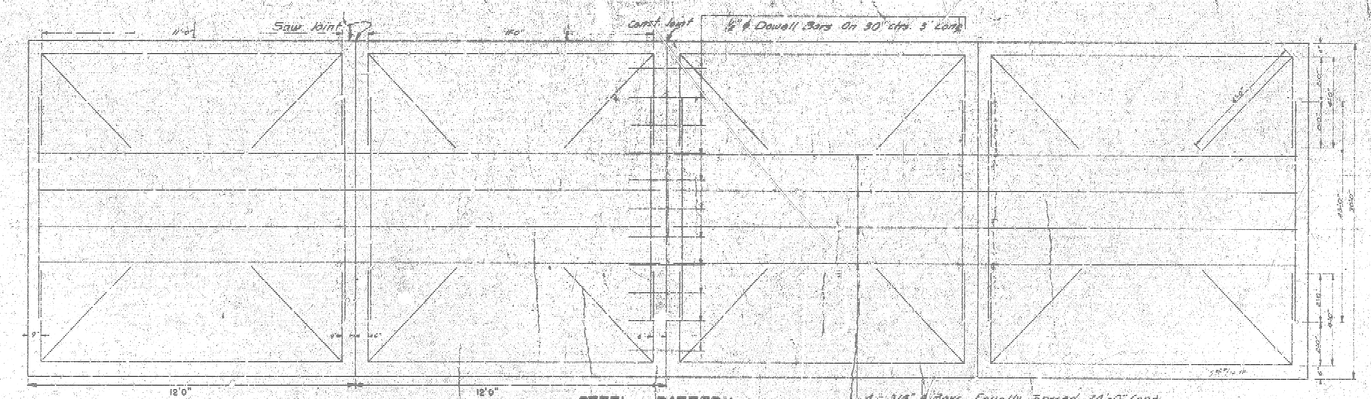
TYPICAL SECTION
No Scale



CONTRACTION JOINT
No Scale
To Be Used At 30' Intervals Except Where An Expansion Joint is Used



EXPANSION JOINT
No Scale
To Be Used At 120' Intervals



STEEL PATTERN
No Scale
Use ⅜ ϕ Bars Unless Otherwise Specified

R. E. SMITH LICENSED KANSAS PROFESSIONAL ENGINEER 436

1/7

B.M. 132.36 "X" cut on N.E. corner of east headwall to 3'x8' R.C.B. approx. 200' South of Sta. 0+00.

Varies Sta. 0+00 to 4+00, Sta. 4+00 to 11+00 equals 8'.

Varies Sta. 4+00 to 11+00 = 2'

Typical Ditch Section
West Ditch Only
Sta. 1+00 to 11+00

Typical Ditch Section
East Ditch Only
Sta. 1+00 to 11+00

Install two 5'0"x 3'1" C.M.P. Arches 50 feet long. Constr. 6" asphalt entrance. Contractor to verify location of entrance with property owner. See entrance detail on sheet No. 4.

Field Engineer Note: Ties are to be taken to all irons. Irons are to be replaced. New original cross-sections are to be taken from Sta. 0+00 to 3+00.

HYDRAULIC AVE.
N.L. I-35W TO N.L. S.E. 1/4,
SEC. 33, T. 26 S, R. I E.
48' 0"-8" CONC. PAVEMENT &
8' ASPH. SHOULDERS
CITY OF WICHITA, KANSAS
B. E. SMITH, CITY ENGINEER
DATE: DEC, 1969 PROJ. NO. C 15-29

2/7

B.M. 133.47 R.R. spike, west side of power pole on east side of Hydraulic approx. 61.5' east of the ℄ of Hydraulic and south of entrance at Sta. 3+23.5.

Install 50 L.F. of 83"x127" C.M.P. Arch. Constr. 6" asphalt entrance. Contractor to verify location of entrance with property owner. See entrance detail on sheet No. 4.

Scale 1"=20'

5+00 5+50 6+00 6+50 7+00 7+50 8+00 8+50 9+00 9+50 10+00 10+50 10+60 11+00 P.V.I. Sta. 11+33.31 No V.C.

(℄) +0.180%

West Ditch +0.18%

Power Pole — 2-30mm Bonded Wire Fence — 30" C.M.P. — 3-10" Trees — 6" Stump — 36" Wire Fence — 2-6" Stumps, 1-8" Stump, 1-12" Stump, 1-24" Steel — 2-6" Stumps, 1-8" Stump, 1-24" Steel, 1-24" Sanitary Sewer — 6"-12" Stumps, 3" Tree — 33 ℄ Sta. North — 6-41", 1-42", 1-18", 1-8" Trees — 5-12", 1-42", 1-18", 1-8" Stumps — 2-6", 1-5", 1-8", 1-10" Trees

Hydraulic — Existing Ditch — Asphalt — Shoulder — Adjust Manhole — Ave.

Remove Pipe — Gravel Road — Ditch — Asphalt — Shoulder

Telephone Pole — Guy Wire Anchor — 3-8", 1-5", 1-12" Trees — 3-8", 1-10" Trees — 6" Tree — 3" Tree — 12" Tree — Manhole — 3-9", 1-8", 1-18", 1-24" Trees — 10" C.M.P.

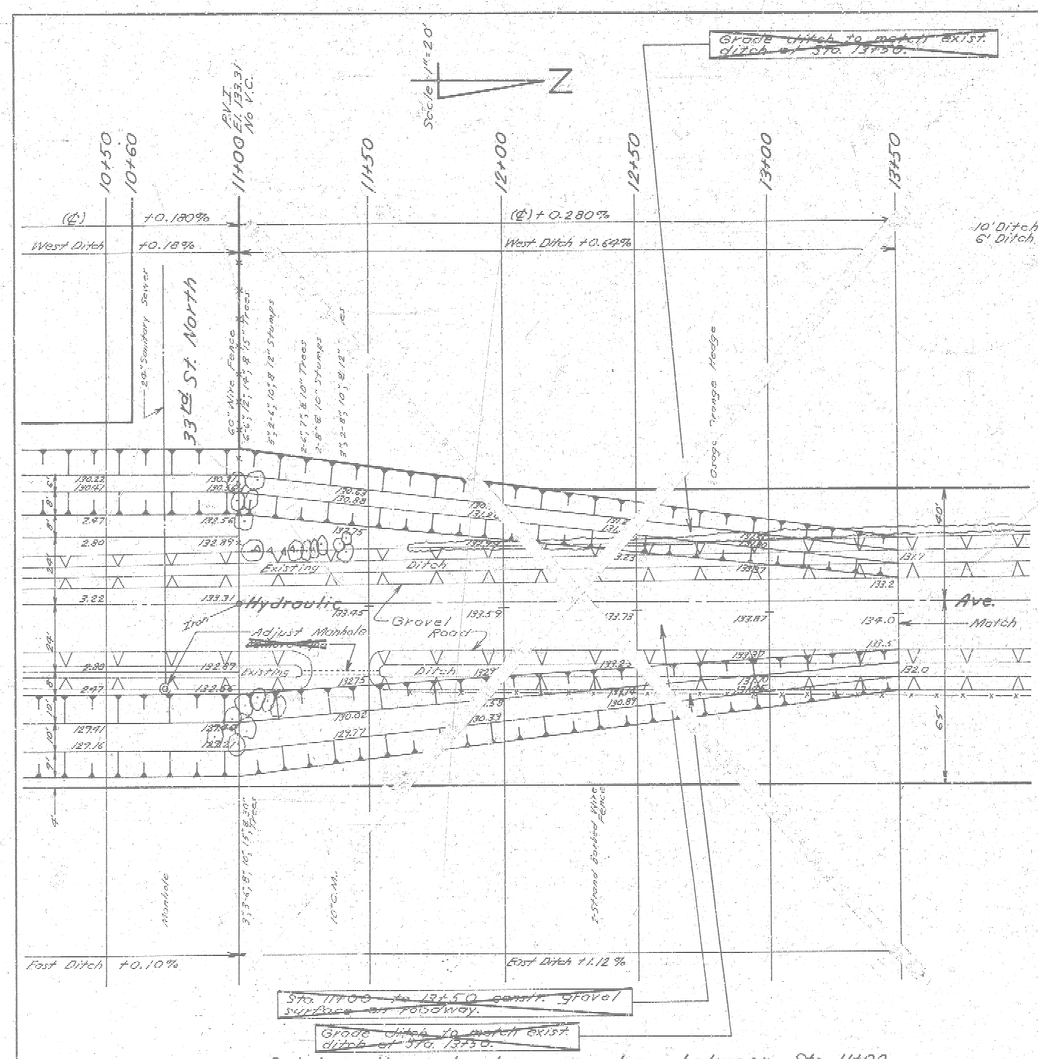
East Ditch +0.10%

Install two 50"x31" C.M.P. Arches 50 feet long. Constr. 6" asphalt entrance. Contractor to verify location of entrance with property owner. See entrance detail on sheet No. 4.

Note: End conc. pavement and asph. shoulders at Sta. 11+00. All construction shown on plans between Sta. 11+00 and 13+50 to be deferred since Sedgwick County is to construct paved road beginning at Sta. 11+00 and extending north of approx. the same time as this project. Lump sum bid item of clearing right-of-way to include all costs for removing all brush, stumps, hedge, trees, and fences.

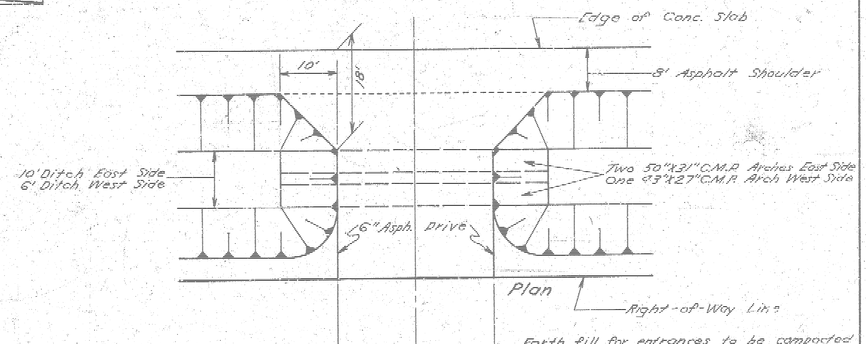
3/7

HYDRAULIC AVE.
N.L. I-35W TO N.L. S.E. 1/4, SEC. 33, T. 26 S., R. 1 E.
PROJ. NO. C 15-29

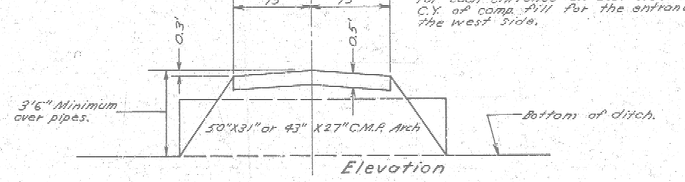


Delete all work shown on plans between Sta. 11+00 and 13+50. See note on sheet 3.

Note: ~~Sta.~~ 6" of roadway between Sta. 11+00 and ~~13+50~~ to be compacted to some density requirements as required by Specifications for subgrade under pavement. Lump sum item of clear right-of-way is to include all costs for removing all brush, stumps, hedge, trees and fences.



Earth fill for entrances to be compacted to same density requirements as compacted fill for pavement. Allowances of 106.7 C.Y. of comp. fill have been made for each entrance on east side and 77.3 C.Y. as comp. fill for the entrance on the west side.



Entrance Detail
No Scale

Note: One entrance is to be constructed for each ownership if requested by property owner. Any additional entrances requested by property owners must be approved by the engineering department and constructed by private contract.

4/7

HYDRAULIC AVE.
N.L. I-35 W TO N.L. S.E. 1/4, SEC. 33, T. 26 S., R. 1 E.
PROJ. NO. C 15-29