PUB. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	KANSAS	54-87 K-5126(2)	1963	1	12

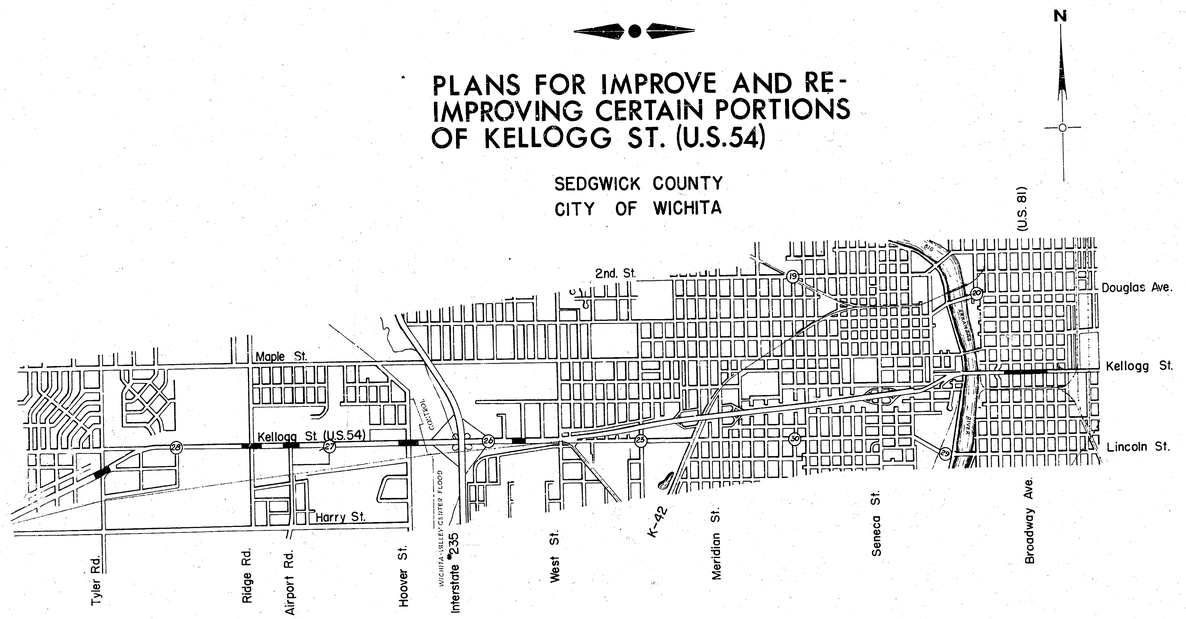
STATE PROJ. NO. 54-87K-5126(2)
CITY PROJ. NO. C13-17

STATE OF KANSAS

STATE HIGHWAY COMMISSION

PLANS FOR IMPROVE AND RE-IMPROVING CERTAIN PORTIONS OF KELLOGG ST. (U.S.54)

SEDGWICK COUNTY
CITY OF WICHITA



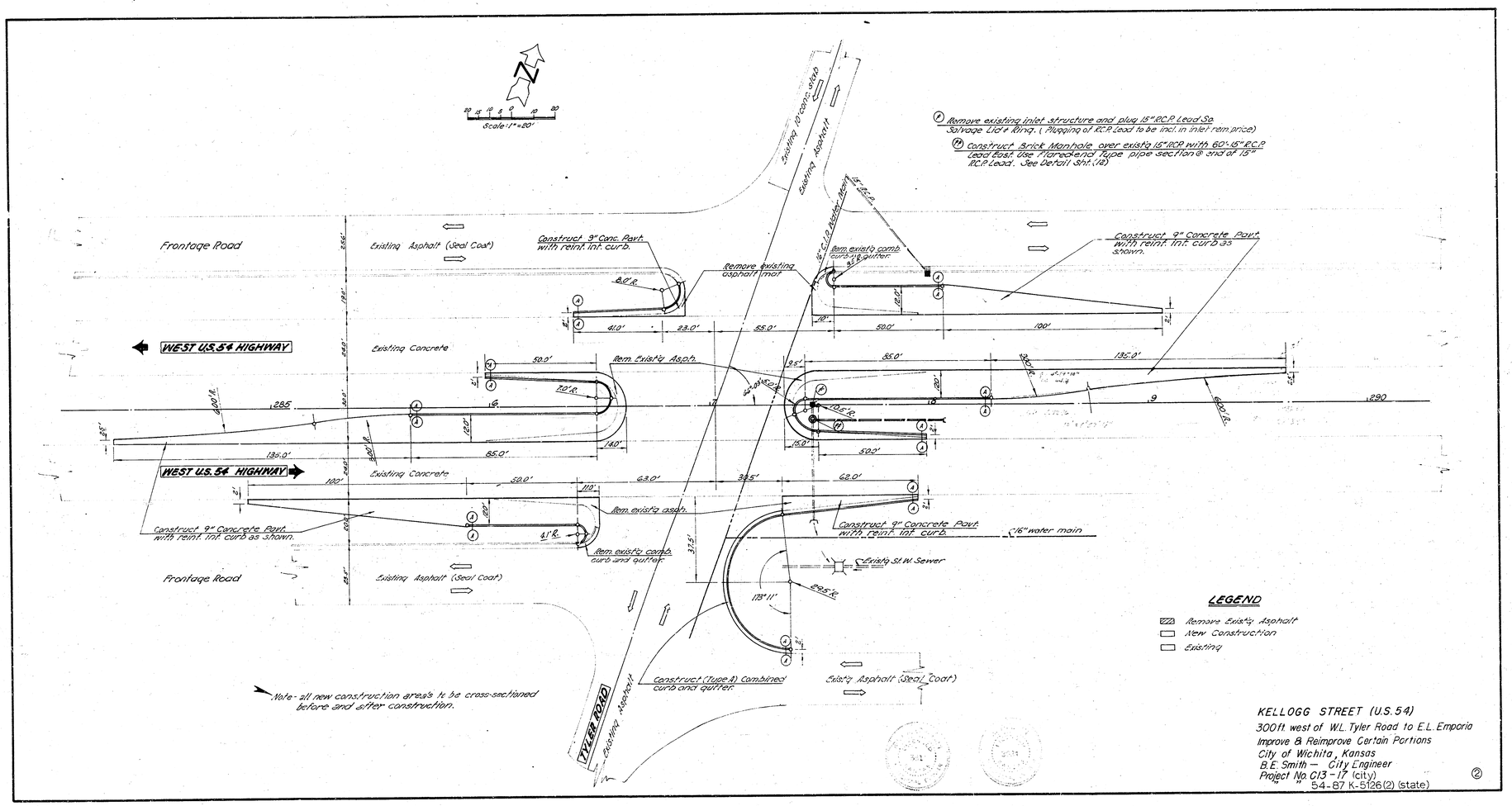
TRAFFIC SHALL BE CARRIED THROUGH CONSTRUCTION ON ENTIRE PROJECT.

APPROVED DATE

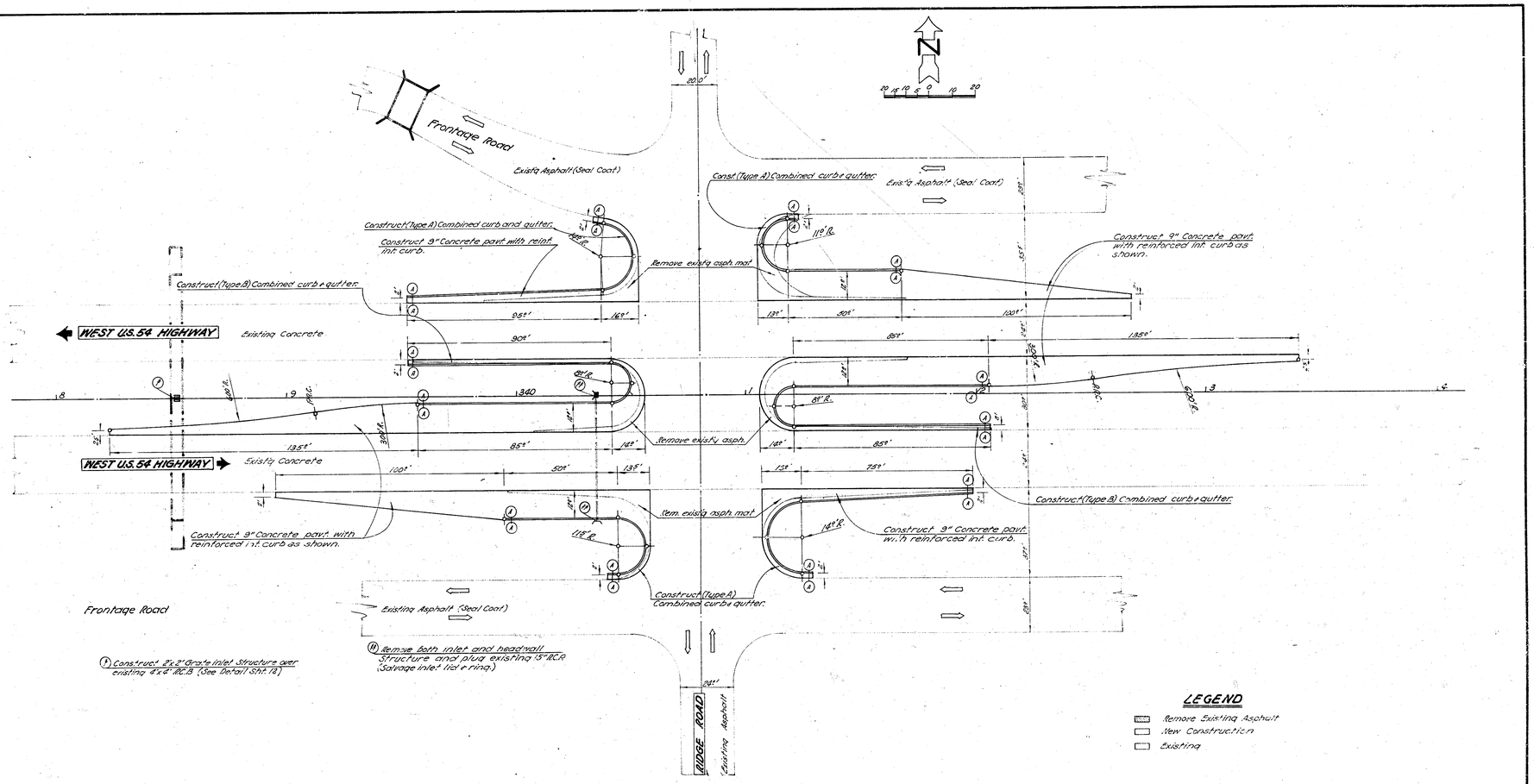
STATE HIGHWAY ENGINEER
STATE HIGHWAY COMMISSION OF KANSAS

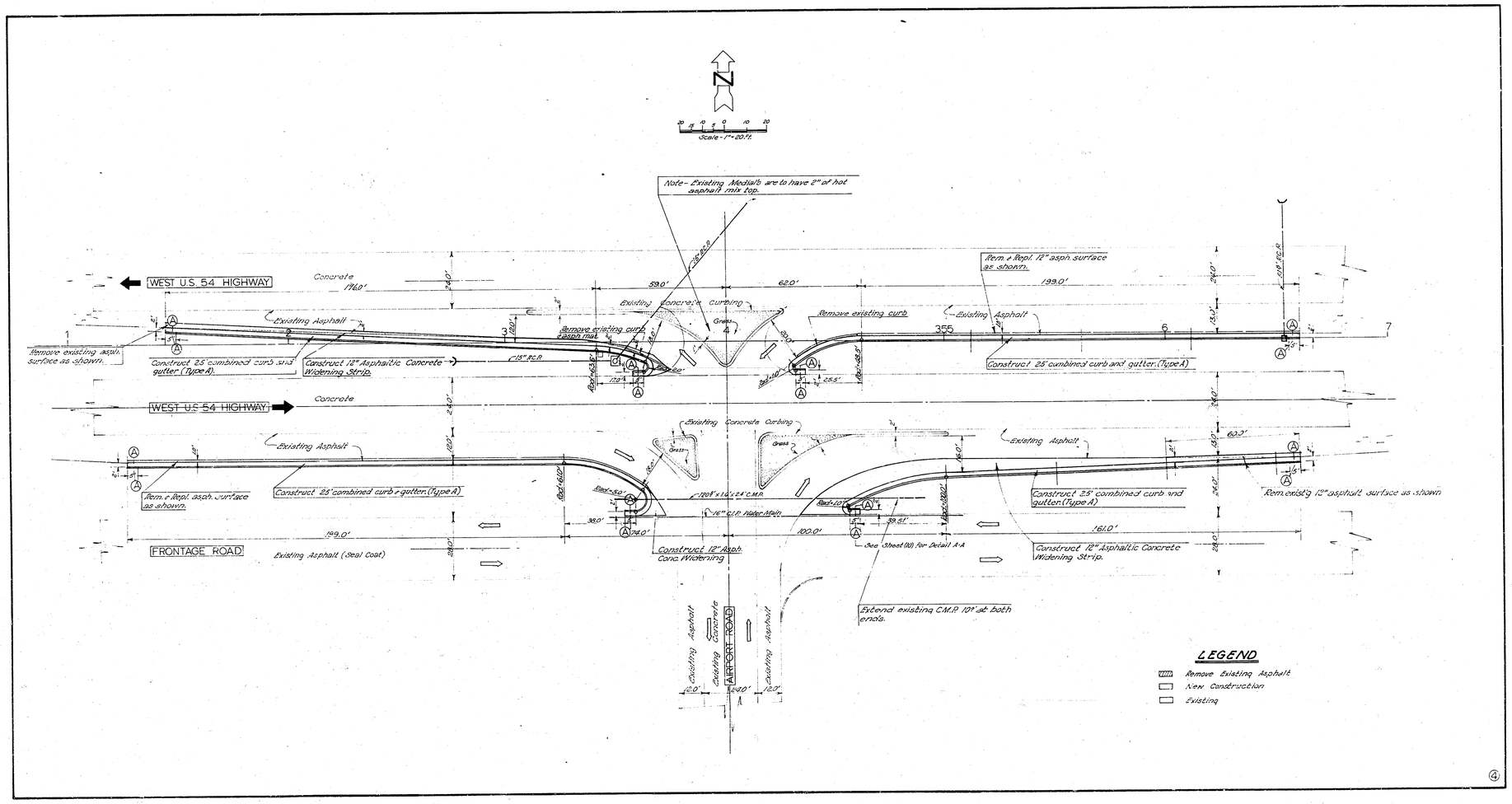
APPROVED

CITY ENGINEER
DEPARTMENT OF PUBLIC WORKS
CITY OF WICHITA, KANSAS

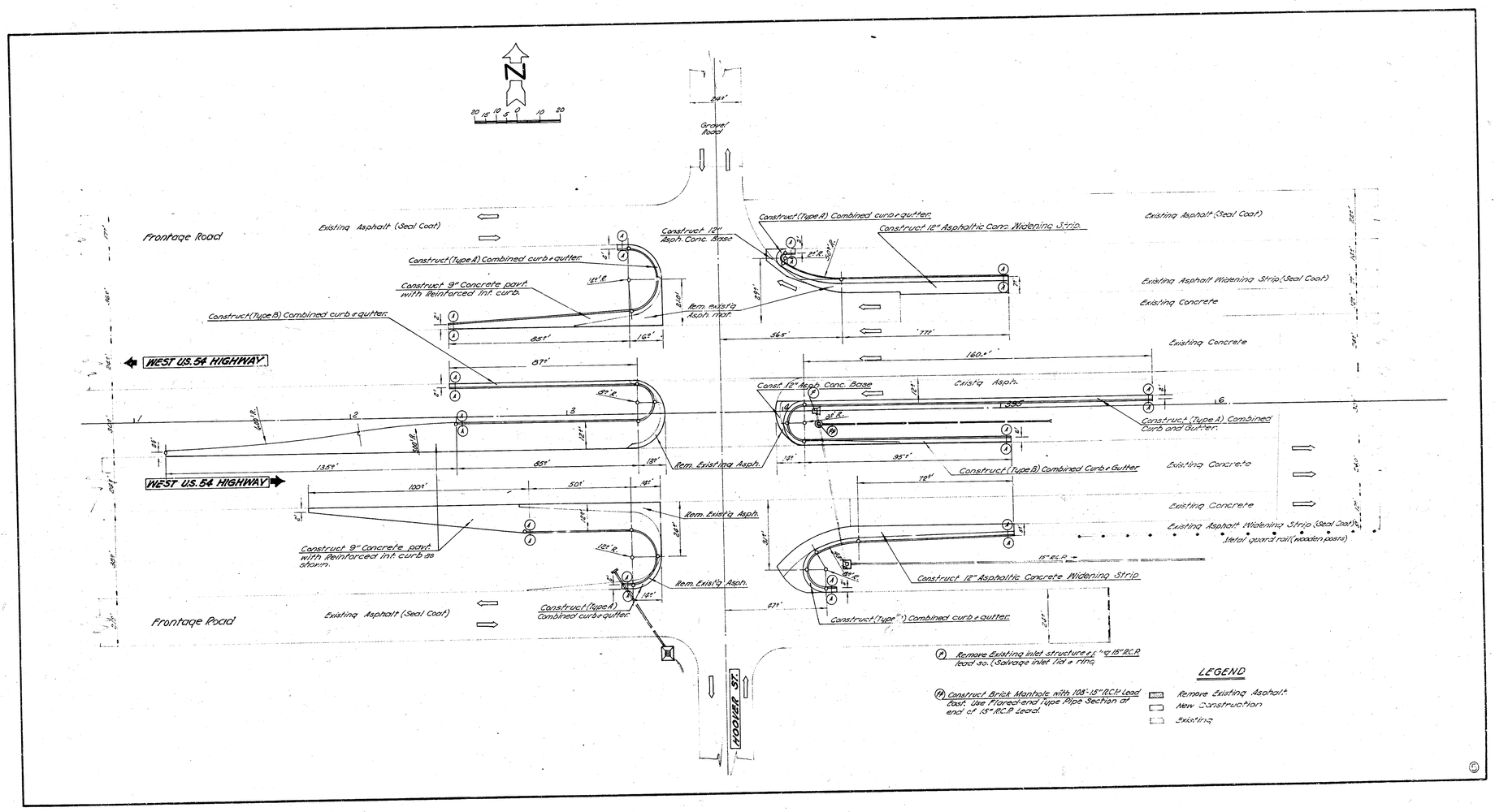


Scale: 1" = 20'
Remove existing inlet structure and plug 15" R.C.P. Lead So. Salvage Lid & Ring. (Plugging of R.C.P. Lead to be incl. in inlet rem. price)
Construct Brick Manhole over exist'g 15" R.C.P. with 60'-15" R.C.P. Lead East. Use Flared-end Type pipe section @ end of 15" R.C.P. Lead. See Detail Sht. (12)
Frontage Road
Existing Asphalt (Seal Coat)
Construct 9" Conc. Pavt. with reinf. int. curb.
Remove existing asphalt mat.
Rem. exist'g comb. curb and gutter.
Construct 9" Concrete Pavt. with reinf. int. curb as shown.
WEST U.S. 54 HIGHWAY
Existing Concrete
Rem. Exist'g Asph.
Construct 9" Concrete Pavt. with reinf. int. curb as shown.
Rem. exist'g asph.
Rem. exist'g comb. curb and gutter.
Construct 9" Concrete Pavt. with reinf. int. curb.
16" water main
Exist'g St. W. Sewer
Construct (Type A) Combined curb and gutter.
Exist'g Asphalt (Seal Coat)
TYLER ROAD
Existing Asphalt
Note - all new construction area's to be cross-sectioned before and after construction.
LEGEND
Remove Exist'g Asphalt
New Construction
Existing
KELLOGG STREET (U.S. 54)
300 ft. west of W.L. Tyler Road to E.L. Emporia
Improve & Reimprove Certain Portions
City of Wichita, Kansas
B.E. Smith — City Engineer
Project No. C13-17 (city)
" " 54-87 K-5126(2) (state)
2

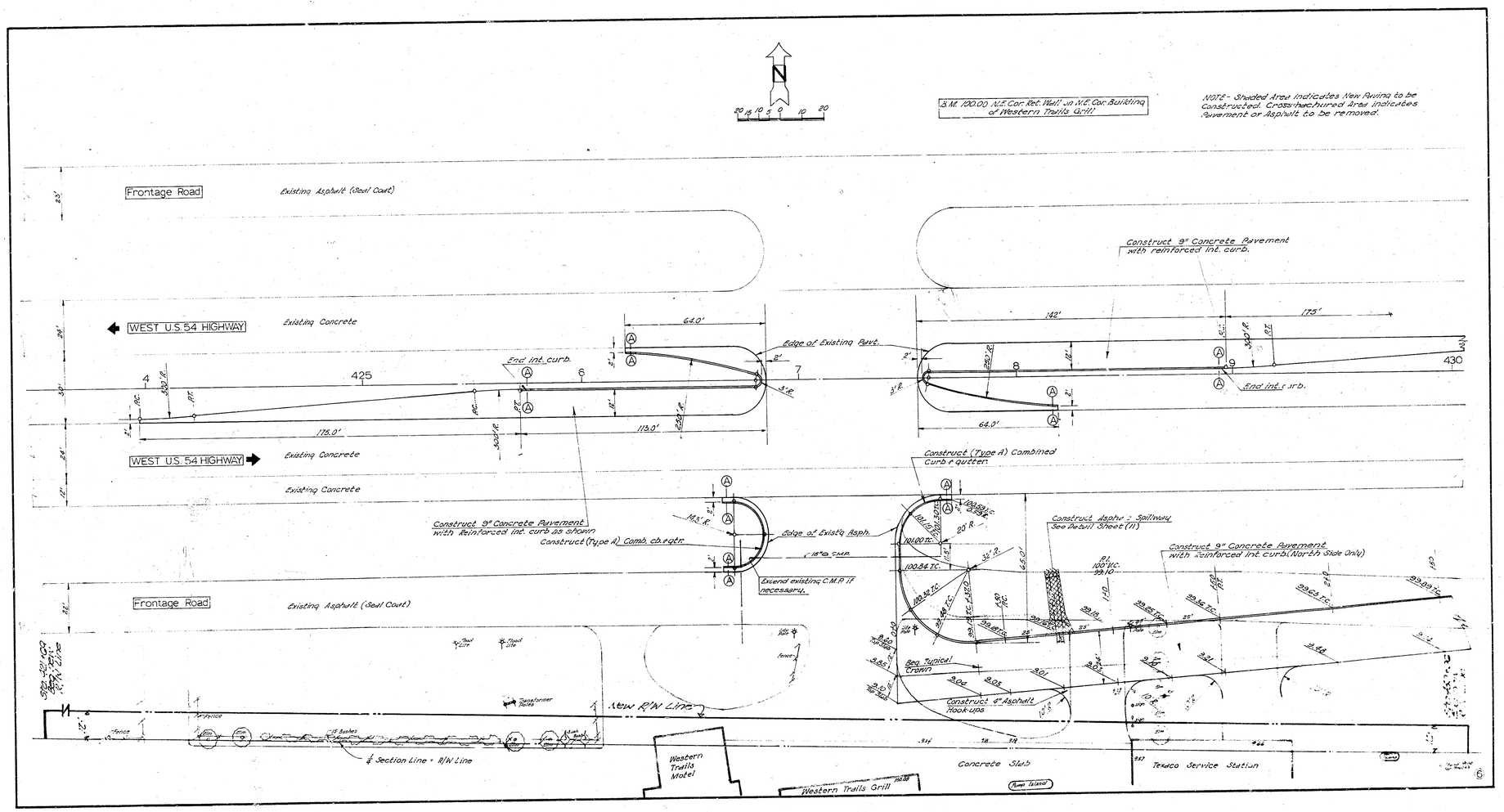

N
30 15 10 5 0 10 30
Frontage Road
Existg Asphalt (Seal Coat)
Const. (Type A) Combined curb & gutter
Existg Asphalt (Seal Coat)
Construct (Type A) Combined curb and gutter.
Construct 9" Concrete part with reinf. Int. curb.
Remove existg asph. mat.
Construct 9" Concrete part with reinforced Int. curb as shown.
Construct (Type B) Combined curb & gutter.
WEST U.S. 54 HIGHWAY
Existing Concrete
WEST U.S. 54 HIGHWAY
Existg Concrete
Remove existg. asph.
Rem. existg asph. mat.
Construct 9" Concrete pavt. with reinforced Int. curb as shown.
Construct 9" Concrete pavt. with reinforced Int. curb.
Construct (Type A) Combined curb & gutter.
Frontage Road
Existing Asphalt (Seal Coat)
RIDGE ROAD
Existing Asphalt
(1) Construct 2'x 2' Grate inlet structure over existing 8'x 8' RCB (See Detail Sht. 18)
(11) Remove both inlet and headwall structure and plug existing 5'-RCP. (Salvage inlet Iron ring.)
LEGEND
Remove Existing Asphalt
New Construction
Existing



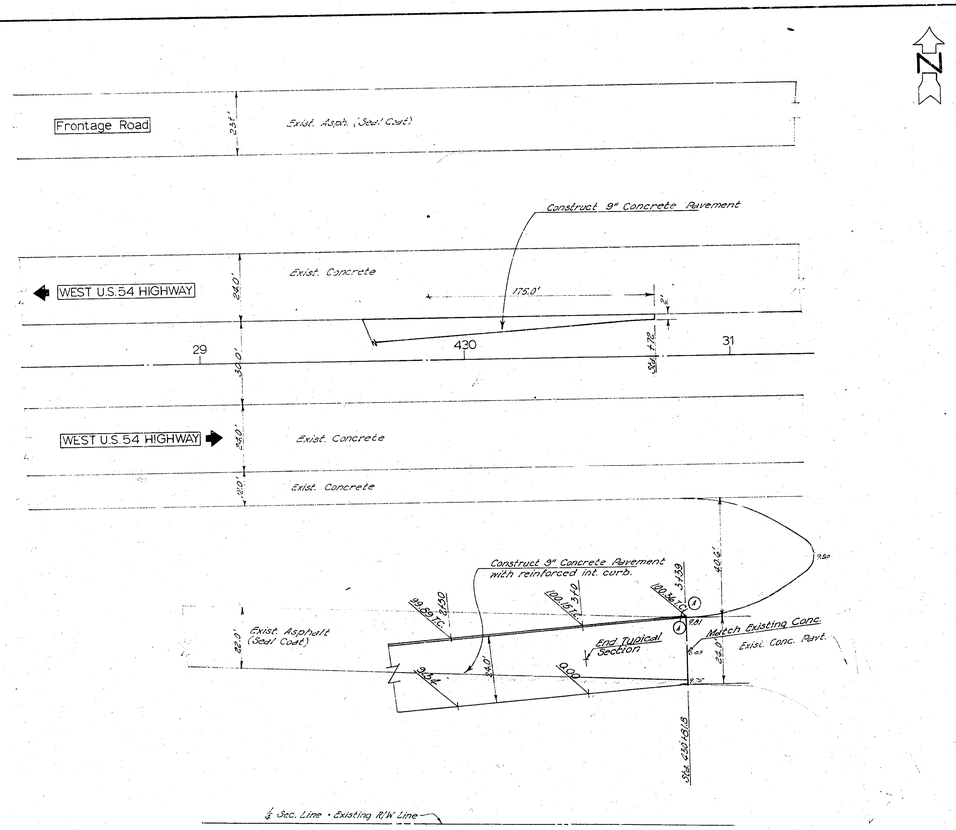
Scale - 1" = 20 ft.
Note - Existing Medials are to have 2" of hot asphalt mix top.
WEST U.S. 54 HIGHWAY
Concrete
Existing Asphalt
Remove existing asph. surface as shown.
Construct 25' combined curb and gutter (Type A).
Construct 12" Asphaltic Concrete Widening Strip.
Existing Concrete Curbing
Remove existing curb
Rem. & Repl. 12" asph. surface as shown.
Construct 25' combined curb and gutter. (Type A)
Rem. & Repl. asph. surface as shown.
Construct 25' combined curb & gutter. (Type A)
Rem. exist'g 12" asphalt surface as shown
FRONTAGE ROAD
Existing Asphalt (Seal Coat)
Construct 12" Asph. Conc. Widening
See Sheet (10) for Detail A-A
Construct 12" Asphaltic Concrete Widening Strip.
Extend existing C.M.P. 10' at both ends.
AIRPORT ROAD
LEGEND
Remove Existing Asphalt
New Construction
Existing



N
Gravel Road
Frontage Road
Existing Asphalt (Seal Coat)
Construct (Type A) Combined curb & gutter.
Construct 9" Concrete pavt. with Reinforced Int. curb.
Construct (Type B) Combined curb & gutter.
Construct 12" Asph. Conc. Base
Construct (Type A) Combined curb & gutter.
Construct 12" Asphaltic Conc. Widening Strip.
Rem. exist'g Asph. mat.
Existing Asphalt (Seal Coat)
Existing Asphalt Widening Strip (Seal Coat)
Existing Concrete
Existing Concrete
WEST U.S. 54 HIGHWAY
Const. 12" Asph. Conc. Base
Exist'g Asph.
Construct (Type A) Combined Curb and Gutter.
Rem. Existing Asph.
Construct (Type B) Combined Curb & Gutter
Existing Concrete
WEST U.S. 54 HIGHWAY
Rem. Exist'g Asph.
Existing Concrete
Existing Asphalt Widening Strip (Seal Coat)
Metal guard rail (wooden posts)
Construct 9" Concrete pavt. with Reinforced int. curb as shown.
Rem. Exist'g Asph.
Construct 12" Asphaltic Concrete Widening Strip
Frontage Road
Existing Asphalt (Seal Coat)
Construct (Type A) Combined curb & gutter.
Construct (Type B) Combined curb & gutter.
HOOVER ST.
Remove Existing inlet structure & plug 15" R.C.P. lead so. (Salvage inlet lid & ring
Construct Brick Manhole with 108'-15" R.C.P. Lead East. Use Flared-end Type Pipe Section at end of 15" R.C.P. Lead.
LEGEND
Remove Existing Asphalt
New Construction
Existing



N
20 15 10 5 0 10 20
B.M. 100.00 N.E. Cor. Ret. Wall on N.E. Cor. Building of Western Trails Grill
NOTE - Shaded Area Indicates New Paving to be Constructed. Cross-hachured Area Indicates Pavement or Asphalt to be removed.
Frontage Road
Existing Asphalt (Seal Coat)
Construct 9" Concrete Pavement with reinforced int. curb.
WEST U.S. 54 HIGHWAY
Existing Concrete
64.0'
142'
175'
End int. curb.
Edge of Existing Pavt.
425
430
175.0'
113.0'
64.0'
End int. curb.
WEST U.S. 54 HIGHWAY
Existing Concrete
Existing Concrete
Construct (Type A) Combined Curb & gutter.
Construct 9" Concrete Pavement with Reinforced int. curb as shown
Construct (Type A) Comb. cb. & gtr.
Edge of Existg Asph.
Extend existing C.M.P. if necessary.
Construct Asphalt Spillway See Detail Sheet (11)
Construct 9" Concrete Pavement with Reinforced int. curb (North Side Only)
Frontage Road
Existing Asphalt (Seal Coat)
Beg. Typical Crown
Construct 4" Asphalt Hook-ups
New R/W Line
Transformer Poles
Fence
1/4 Section Line = R/W Line
Western Trails Motel
Western Trails Grill
Concrete Slab
Pump Island
Texaco Service Station

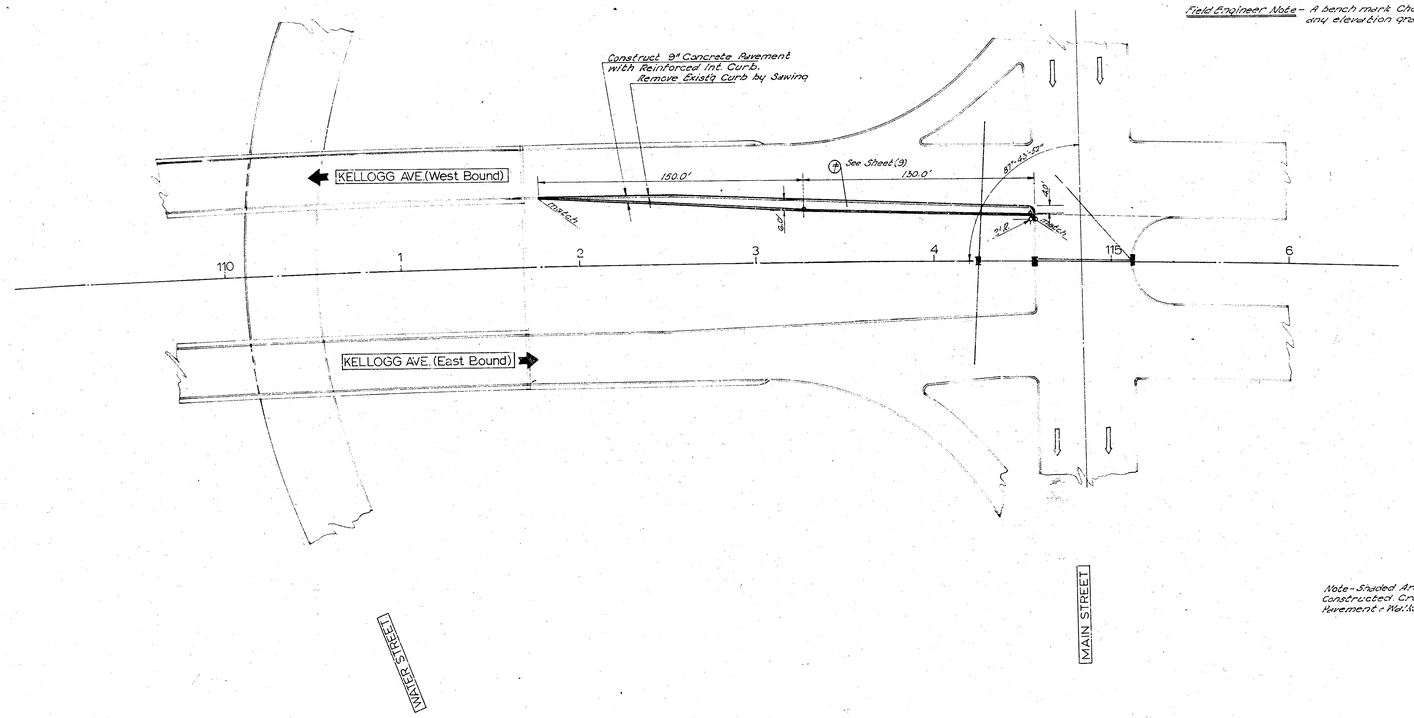


Frontage Road
Exist. Asph. (Seal Coat)
Construct 9" Concrete Pavement
Exist. Concrete
WEST U.S.54 HIGHWAY
175.0'
29
430
31
WEST U.S.54 HIGHWAY
Exist. Concrete
Exist. Concrete
Construct 9" Concrete Pavement with reinforced int. curb.
Exist. Asphalt (Seal Coat)
End Typical Section
Match Existing Conc.
Exist. Conc. Pavt.
Sta. 430+81.8
¼ Sec. Line • Existing R/W Line



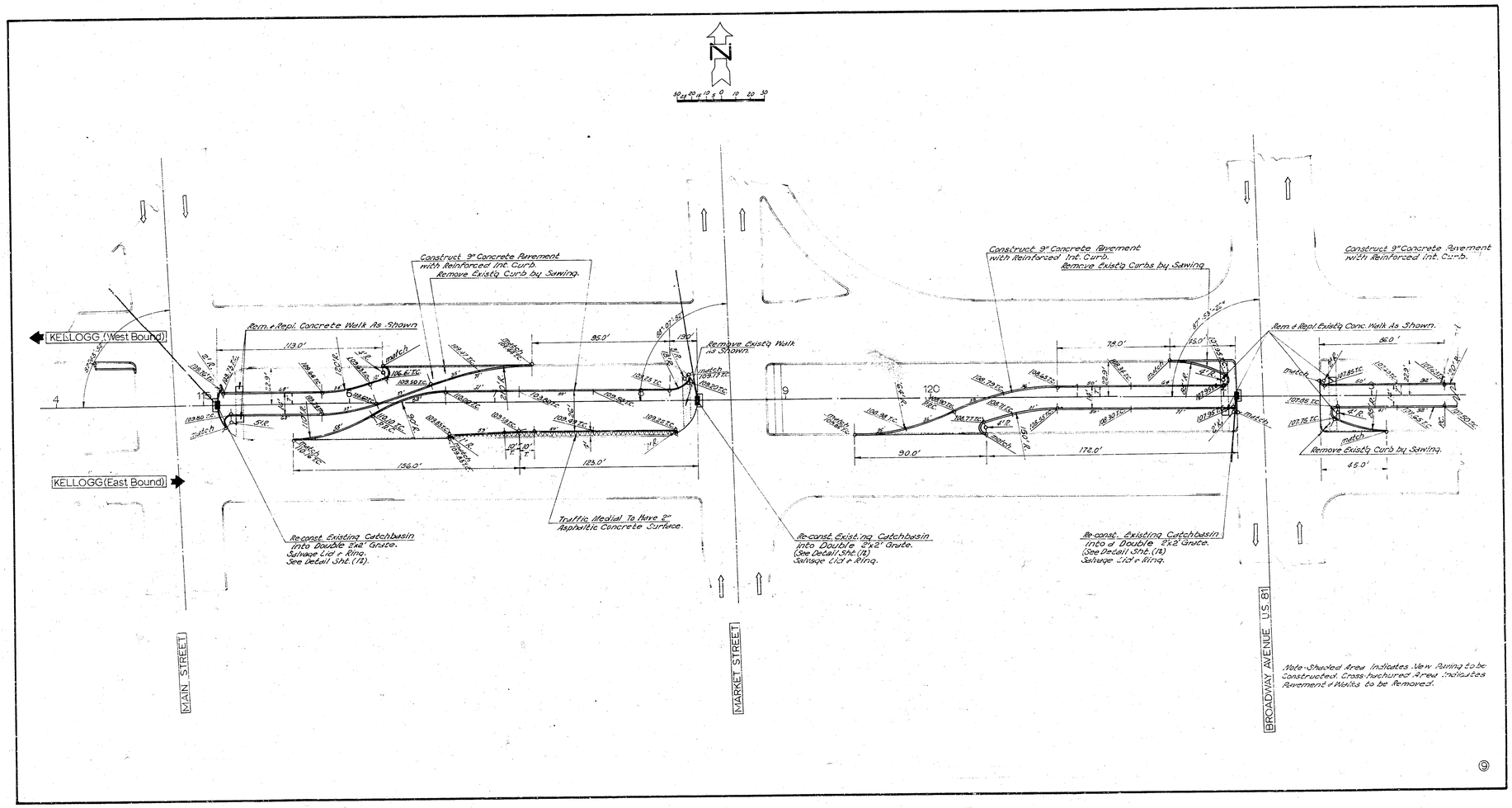
B.M.- 106.98 "+" Cut on curb, North Side Kellogg, 335' N. & Kellogg @ Wichita St. (State Hi-way)
B.M.- 111.83 C. bolt on cap fire hydrant N.W. Cor. Kellogg & Main. (State Hi-way)
B.M.- 109.08 USE bolt cap fire hydrant S.W. Cor. Kellogg & Topeka (State Hi-way)
B.M.- 107.45 "+" On ctr. line of West walk Topeka, S.L. Dorsey, (C. of W.)
B.M.- 110.01 S.W. Cor. bottom conc. step Hos.# 708 So. Market. (C. of W.)

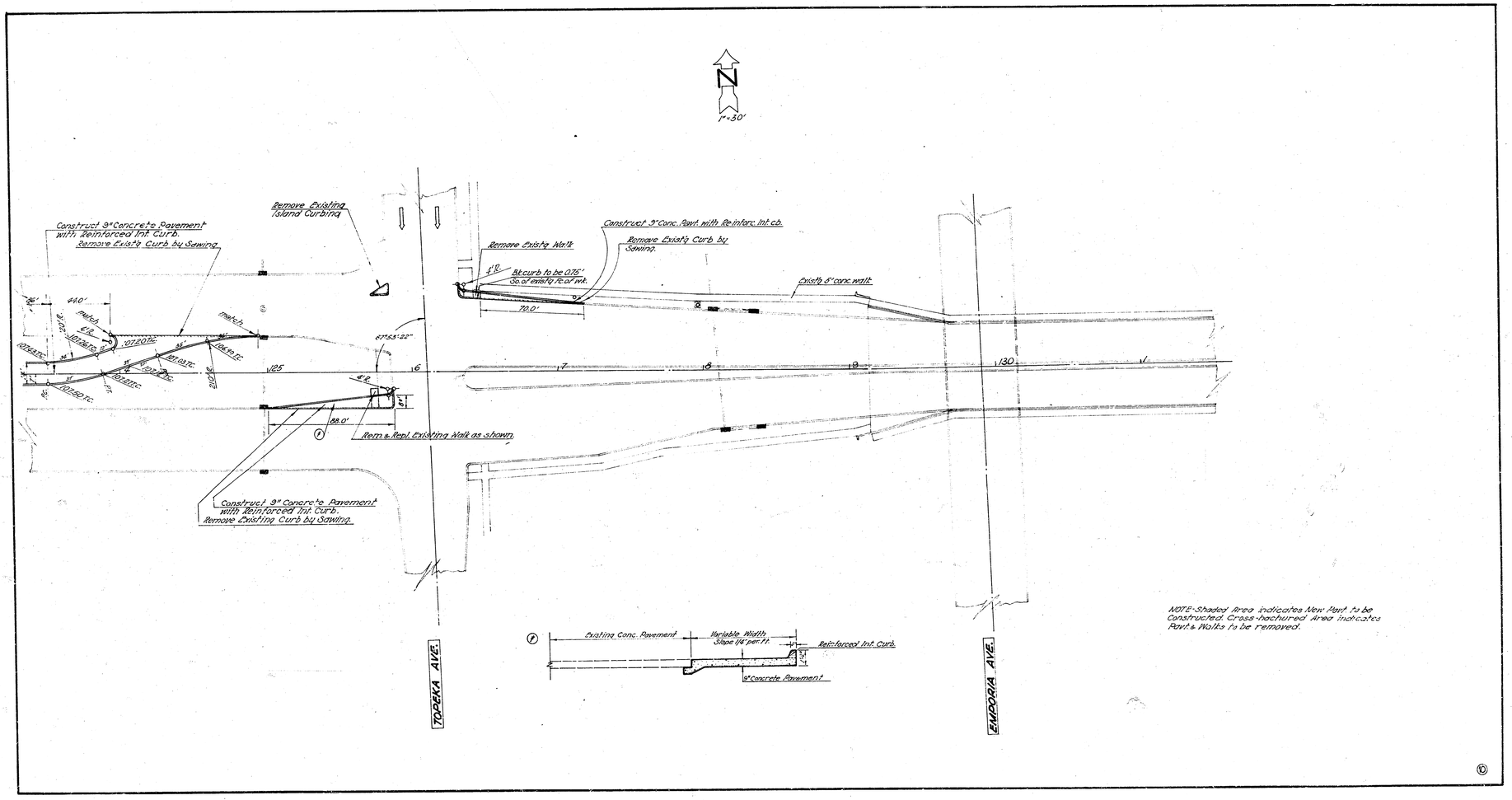
Field Engineer Note - A bench mark Check should be run before any elevation grade stakes are set.



Note - Shaded Area indicates New Paving to be Constructed. Cross-hatchured Area indicates Pavement & Walks to be removed.

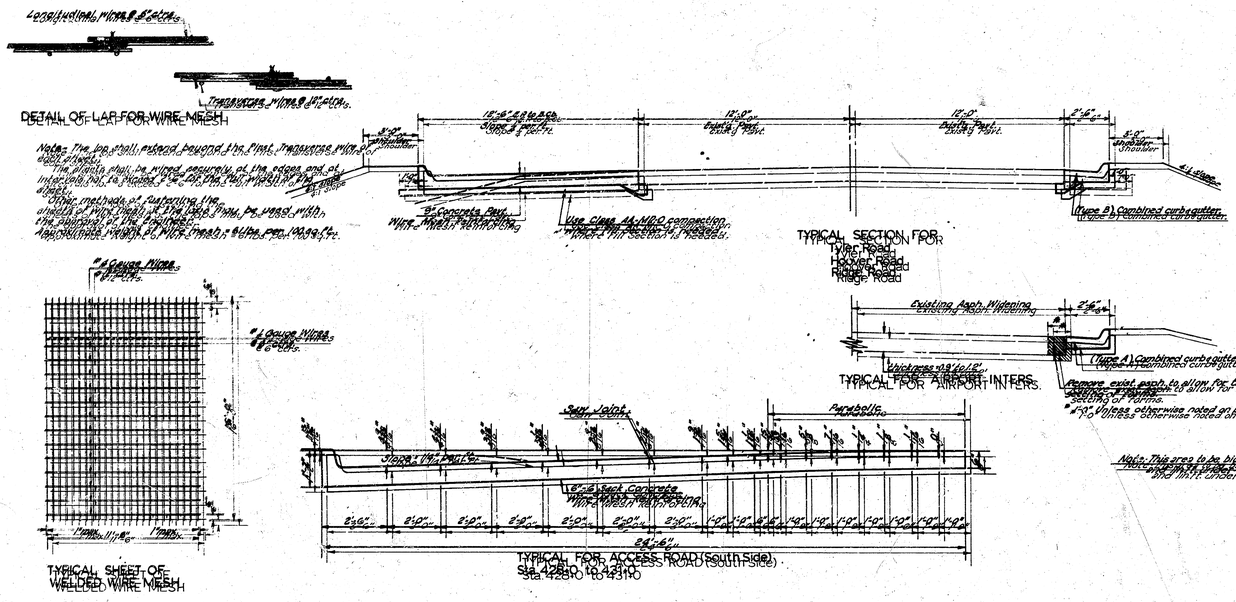
6

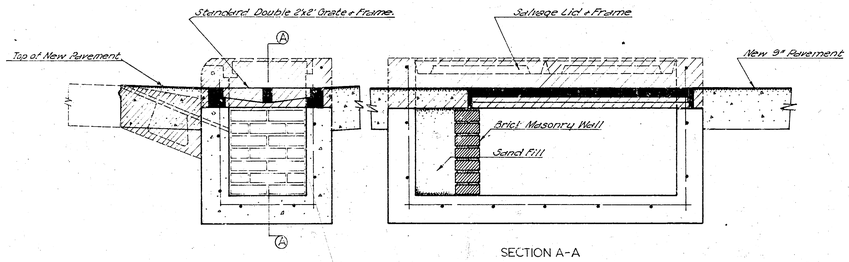

Construct 9" Concrete Pavement with Reinforced Int. Curb. Remove Exist'g Curb by Sawing.
Rem. & Repl. Concrete Walk As Shown
KELLOGG (West Bound)
KELLOGG (East Bound)
MAIN STREET
MARKET STREET
BROADWAY AVENUE U.S. 81
Remove Exist'g Walk as Shown.
Traffic Medial To Have 2" Asphaltic Concrete Surface.
Re-const. Existing Catchbasin into Double 2'x2' Grate. Salvage Lid & Ring. See Detail Sht. (14).
Re-const. Existing Catchbasin into Double 2'x2' Grate. (See Detail Sht. (13) Salvage Lid & Ring.
Construct 9" Concrete Pavement with Reinforced Int. Curb. Remove Exist'g Curbs by Sawing
Re-const. Existing Catchbasin into a Double 2'x2' Grate. (See Detail Sht. (13) Salvage Lid & Ring.
Construct 9" Concrete Pavement with Reinforced Int. Curb.
Rem. & Repl. Exist'g Conc. Walk As Shown.
Remove Exist'g Curb by Sawing.
Note: Shaded Area Indicates New Paving to be Constructed. Cross-hatched Area Indicates Pavement & Walks to be Removed.



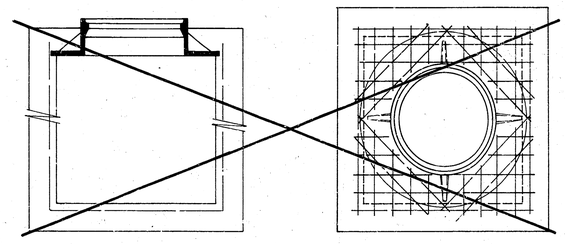
NOTE-Shaded Area indicates New Pavt. to be Constructed. Cross-hachured Area indicates Pavt. & Walks to be removed.

10

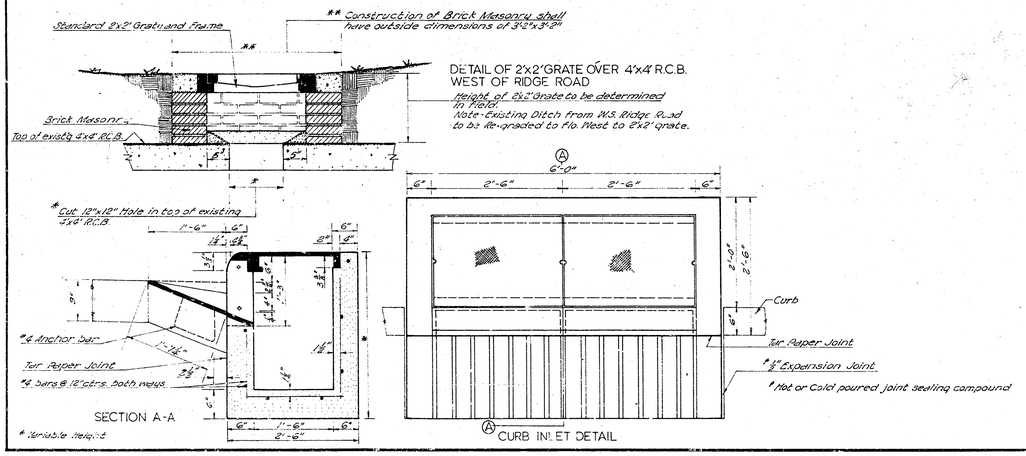

Longitudinal Wires @ 2" ctrs.
Transverse Wires @ 12" ctrs.
DETAIL OF LAP FOR WIRE MESH
Note: The longitudinal wires beyond the first transverse wire on each end shall be wired securely at the edges and intersections to provide a lap of the full width of the mesh.
The mesh shall be wired securely at the edges and intersections to provide a lap of the full width of the mesh.
Other methods of fastening the sheets of wire mesh at the side joints, the splices of the sheets and the intersections may be used when approved by the Engineer.
Approximate weight of wire mesh = 61 lbs. per 100 sq. ft.
#6 Gauge Wires @ 6" ctrs.
#6 Gauge Wires @ 6" ctrs.
TYPICAL SHEET OF WELDED WIRE MESH
Existing Asph. Widening
Existing Asph. Widening
Whichever is greater
Prepare exist. earth to slope for the setting of forms.
#4 Bars otherwise noted on plans
(Type A) Combined curb & gutter. (Type B) Combined curb & gutter.
TYPICAL SECTION FOR Typical Section for Wier Road, Wier Road, Lower Road, Ridge Road, Ridge Road
TYPICAL FOR AIRPORT INTERS.
Seal Joint
Parabolic
3" Asph. Pvmt. Cl. I
6" (d) Sand Concrete Wire Mesh Reinforcing
TYPICAL FOR ACCESS ROAD (South Side) Sta. 42810 to 43110
TYPICAL FOR ACCESS ROAD (SOUTH SIDE) Sta. 42810 to 43110
6" Asphaltic Conc.
6" Asphaltic Conc.
Length to be determined in field
DETAIL FOR SPILLWAY NO SIDE ACCESS ROAD (STA. 60 - 110)
DETAIL FOR SPILLWAY NO SIDE ACCESS ROAD (STA. 60 - 110)
Exist. Asphalt Widening Strip or Approach. Exist. Asphalt Pavement or Approach. (Average Thickness = 4")
TYPE A
COMBINED CURB AND GUTTER
Exist. 9" Concrete Pavement. Final 9" Concrete Pavement.
TYPE B
Note: This area to be bid as cu. yds. concrete (last) and incl. under cutting.
Existing Part. New Construction
Wire Mesh Reinforcement
Note: This area to be bid as cu. yds. (last) concrete and incl. under cutting.
DETAIL FOR UNDERPINNING NEW CONSTRUCTION
DETAIL FOR UNDERPINNING NEW CONSTRUCTION
TOP VIEW
Top View
Proposed 9" Concrete Pavement
Top of pavement
Flat of Pavement
#6 Bars 12' long @ 6" ctrs.
Wire Mesh Reinf.
DETAIL OF REINF. INT. CURB
DETAIL OF REINF. INT. CURB
Curb Flo Line and Elevation same elevation
Standard cu b height
SECTION A-A
SECTION A-A
Note: Same conditions exist for Concrete Wall Cross and Asphaltic Conc. with Reinf. Int. Curb.

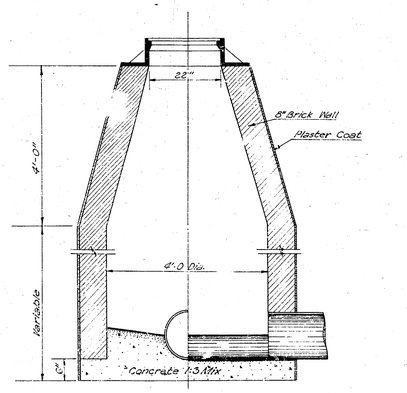


SECTION A-A

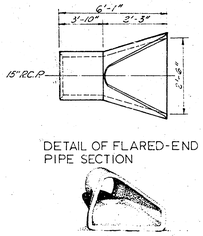


DETAIL OF EXISTING CATCHBASIN
CONVERTED TO DOUBLE 2x2'GRATE





STANDARD BRICK MANHOLE
DETAIL



DETAIL OF FLARED-END
PIPE SECTION