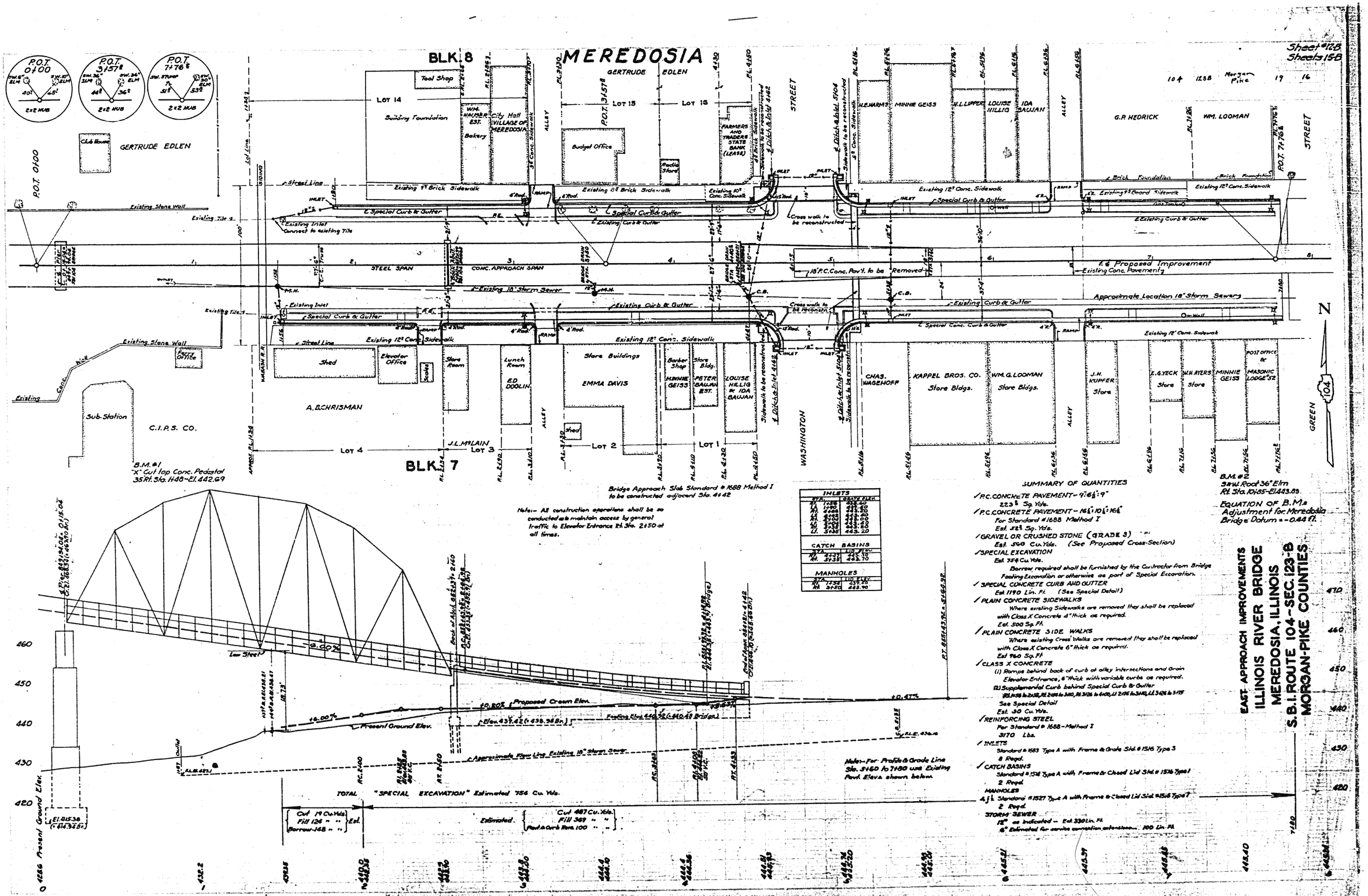
MEREDOSIA
BLK. 8
BLK. 7
GERTRUDE EDLEN
WASHINGTON STREET
GREEN STREET
ALLEY
LOT 14
LOT 15
LOT 16
LOT 4
LOT 3
LOT 2
LOT 1
Tool Shop
Building Foundation
WM. HAUSER EST.
Bakery
City Hall VILLAGE OF MEREDOSIA
Budget Office
Pacific Store
FARMERS AND TRADERS STATE BANK (LEASE)
H.E. HARM'S
MINNIE GEISS
H.L. LIPPERT
LOUISE HILLIG
IDA BAUMAN
G.P. HEDRICK
WM. LOOMAN
Club House
Existing Stone Wall
Existing Tile
Existing Inlet Connect to existing Tile
Special Curb & Gutter
Existing Curb & Gutter
Existing 9" Brick Sidewalk
Existing 8" Brick Sidewalk
Existing 10" Conc. Sidewalk
Existing 12" Conc. Sidewalk
Existing 5" Board Sidewalk
Brick Foundation
Cross walk to be reconstructed
Sidewalk to be reconstructed
Ditch & Inlet 5104
Ditch & Inlet 4142
STEEL SPAN
CONC. APPROACH SPAN
18" P.C. Conc. Pav't. to be Removed
Proposed Improvement
Existing Conc. Pavement
Existing 18" Storm Sewer
Approximate Location 18" Storm Sewers
Special Conc. Curb & Gutter
Shed
Elevator Office
Scales
Store Room
Lunch Room
ED DOOLIN
Store Buildings
EMMA DAVIS
Barber Shop
Store Bldg.
PETER BAUMAN EST.
LOUISE HILLIG & IDA BAUMAN
CHAS. WAGEHOFF
KAPPEL BROS. CO. Store Bldgs.
WM. G. LOOMAN Store Bldgs.
J.H. KUPFER Store
E.G. YECK Store
W.H. EYERS Store
MINNIE GEISS
POST OFFICE & MASONIC LODGE #52
Sub-Station
C.I.P.S. CO.
Ferry Office
A.B. CHRISMAN
J.L. McLAIN
B.M. #1 "X" Cut top Conc. Pedestal 35 Rt. Sta. 1148 – El. 442.69
B.M. #2 3" W.U. Root 36" Elm Rt. Sta. 10+85 – El. 443.89
EQUATION OF B.M.s Adjustment for Meredosia Bridge Datum = -0.44 ft.
Bridge Approach Slab Standard # 1688 Method I to be constructed adjacent Sta. 4+42
Note:- All construction operations shall be so conducted as to maintain access by general traffic to Elevator Entrance Rt. Sta. 2+50 at all times.
INLETS
STA. CASTS FLOW
Rt. 1+88 443.40
Rt. 1+90 443.60
Rt. 4+88 443.30
Rt. 4+93 443.60
Rt. 5+93 443.50
Rt. 5+98 443.50
Lt. 5+95 443.20
CATCH BASINS
STA. LID FLOW
Rt. 4+37 443.10
Rt. 5+35 443.70
MANHOLES
STA. LID FLOW
Rt. 1+34 443.95
Rt. 5+50 443.90
SUMMARY OF QUANTITIES
P.C. CONCRETE PAVEMENT – 9" 223 Sq. Yds.
P.C. CONCRETE PAVEMENT – 16" Est. 42 Sq. Yds.
For Standard #1688 Method I
GRAVEL OR CRUSHED STONE (GRADE 3) Est. 590 Cu. Yds. (See Proposed Cross-Section)
SPECIAL EXCAVATION Est. 754 Cu. Yds.
Borrow required shall be furnished by the Contractor from Bridge Footing Excavation or otherwise as part of Special Excavation.
SPECIAL CONCRETE CURB AND GUTTER Est. 1190 Lin. Ft. (See Special Detail)
PLAIN CONCRETE SIDEWALKS
Where existing Sidewalks are removed they shall be replaced with Class X Concrete 4" thick as required.
Est. 500 Sq. Ft.
PLAIN CONCRETE SIDE WALKS
Where existing Cross Walks are removed they shall be replaced with Class X Concrete 6" thick as required.
Est. 960 Sq. Ft.
CLASS X CONCRETE
(1) Ramps behind back of curb at alley intersections and Grain Elevator Entrance, 6" thick with variable curbs as required.
(2) Supplemental Curb behind Special Curb & Gutter
See Special Detail
Est. 30 Cu. Yds.
REINFORCING STEEL
For Standard # 1688 – Method I
3170 Lbs.
INLETS
Standard # 1583 Type A with Frame & Grate Std. # 1516 Type 3
8 Reqd.
CATCH BASINS
Standard # 1516 Type A with Frame & Closed Lid Std. # 1516 Type 1
2 Reqd.
MANHOLES
Standard # 1527 Type A with Frame & Closed Lid Std. # 1516 Type 7
2 Reqd.
STORM SEWER
12" as indicated – Est. 330 Lin. Ft.
6" Estimated for service connection extensions – 100 Lin. Ft.
EAST APPROACH IMPROVEMENTS
ILLINOIS RIVER BRIDGE
MEREDOSIA, ILLINOIS
S.B.I. ROUTE 104 – SEC. 123-B
MORGAN-PIKE COUNTIES
Sheet #12B
Sheets 15B
Low Steel
-6.00%
+0.50% Proposed Crown Elev.
+6.00%
Present Ground Elev.
Elev. 439.42 (439.98 Br.)
Footing Elev. 440.92 (440.48 Bridge)
+0.47%
Approximate Flow Line Existing 18" Storm Sewer
Note:- For Profile & Grade Line Sta. 3+60 to 7+80 use Existing Pavt. Elevs. shown below.
TOTAL "SPECIAL EXCAVATION" Estimated 754 Cu. Yds.
Cut 19 Cu. Yds. Fill 124 " " Borrow-148 " " Est.
Estimated Cut 487 Cu. Yds. Fill 369 " " Pavt. & Curb Rem. 100 " "
Present Ground Elev.
N
104