STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FEDERAL AID ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
80	06-5	BUREAU	110	1

F.A.I. RTE. NO. & DIV. NO. 4 | ILLINOIS | PROJECT I-80-2(17)56

2-47 Mainline

SCALES
- PLAN 1 INCH = 100 FT.
- PROFILE, HOR. 1 INCH = 100 FT.
- PROFILE, VERT. 1 INCH = 10 FT.
- CROSS-SECTIONS
  - HOR. 1 INCH = 10 FT.
  - VERT. 1 INCH = 5 FT.

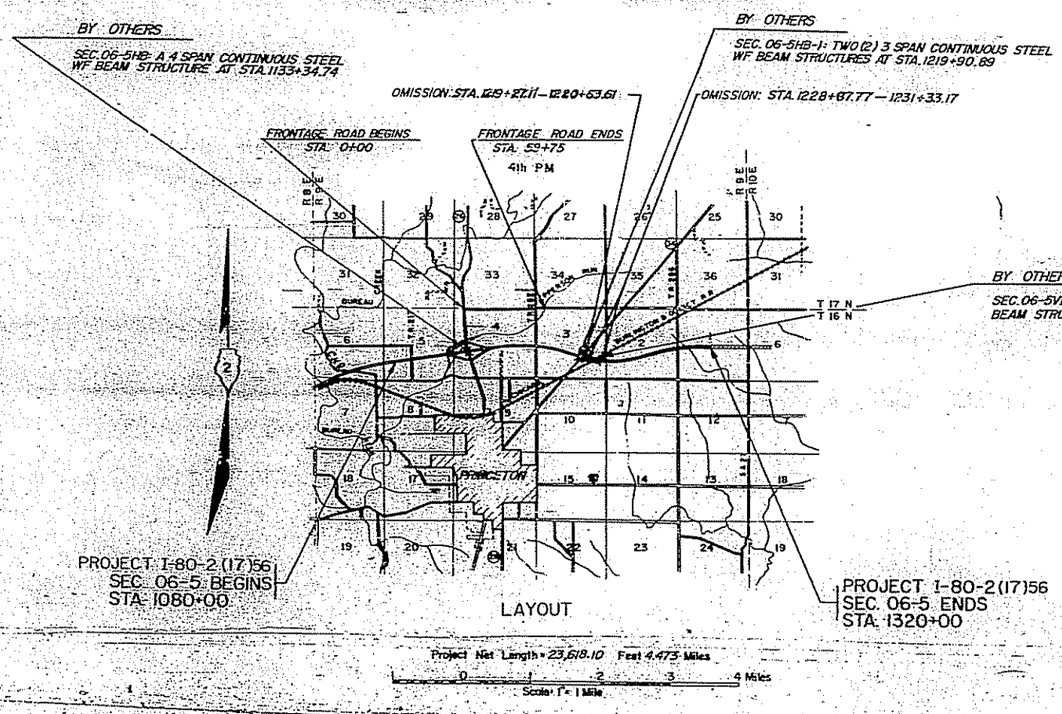
F.A.I. ROUTE 80
PROJECT I-80-2(17)56
SECTION 06-5
BUREAU COUNTY

INDEX OF SHEETS

1	TITLE SHEET & INDEX OF SHEETS	
2	TYPICAL SECTIONS - F.A.I. RTE. 80	
3	TYPICAL SECTIONS - RAMPS, EARTH DITCH CHECK DETAILS AND RAMP SHOULDERS AND GENERAL NOTES	
4	TYPICAL SECTIONS - NEW CONSTRUCTION ILL. RTE. 26 AND FRONTAGE ROAD AND SHOULDER DETAILS ILL. ROUTE 26, SLOPE WALL & CONCRETE COLLAR	
5	SUMMARY OF QUANTITIES AND SCHEDULE OF DRAINAGE STRUCTURES	
5A	SUMMARY OF WOVEN WIRE FENCE	
6	PLAN & PROFILE F.A.I. RTE. 80 STA. 1080/00 - 1110/00	
7	PLAN & PROFILE F.A.I. RTE. 80 STA. 1110/00 - 1140/00	
8	PLAN & PROFILE F.A.I. RTE. 80 STA. 1140/00 - 1170/00	
9	PLAN & PROFILE F.A.I. RTE. 80 STA. 1170/00 - 1200/00	
10	PLAN & PROFILE F.A.I. RTE. 80 STA. 1200/00 - 1230/00	
11	PLAN & PROFILE F.A.I. RTE. 80 STA. 1230/00 - 1260/00	
12	PLAN & PROFILE F.A.I. RTE. 80 STA. 1260/00 - 1290/00	
13	PLAN & PROFILE F.A.I. RTE. 80 STA. 1290/00 - 1320/00	
14	ILLINOIS ROUTE 26 INTERCHANGE LAYOUT, GRADING PLAN & DRAINAGE	
15	F.A.I. ROUTE 80 AND ILLINOIS ROUTE 26 LAYOUT COORDINATES	
16	F.A.I. ROUTE 80, ILLINOIS ROUTE 26 INTERCHANGE WITH WEST RAMPS	
17	F.A.I. ROUTE 80, ILLINOIS ROUTE 26 INTERCHANGE WITH EAST RAMPS	
17A	F.A.I. ROUTE 80, RAMP TERMINAL DETAILS, ILLINOIS ROUTE 26 INTERCHANGE	
18	F.A.I. ROUTE 80, RAMP CONNECTIONS WITH ILLINOIS ROUTE 26	
19	F.A.I. ROUTE 80, RAMP PROFILES	
20	PLAN & PROFILE FRONTAGE ROAD STA. 0/00 - 30/00	
21	PLAN & PROFILE FRONTAGE ROAD STA. 30/00 - 58/75	
22-82	CROSS SECTIONS F.A.I. ROUTE 80	STA. 1080/00 - 1320/00
83-87	CROSS SECTIONS NORTHWEST RAMP	STA. 1122/14.50 - 1134/39.57
88-89	CROSS SECTIONS SOUTHWEST RAMP	STA. 1123/32.60 - 1134/00
90-92	CROSS SECTIONS NORTHEAST RAMP	STA. 1131/80 - 1144/10.70
93	CROSS SECTIONS SOUTHEAST RAMP	STA. 1133/00 - 1142/58.70
94-97	CROSS SECTIONS FRONTAGE ROAD	STA. 0/00 - 59/00
98	PERMANENT BENCH MARKS, 3' PAVED DITCH AND 10' PAVED DITCH	
99	OUTLET HEADWALL FOR CM PIPE AND INLETS, SPECIAL	
100	STD. 935	HEADWALL FOR TILE OUTLET
	STD. 1516-S	FRAMES AND GRATES, TYPE 1 TO 8
	STD. 1527-2	MANHOLE, TYPE A
101	STD. 1687-3	STEEL PLATE BEAM GUARD RAIL
	STD. 1744-1	RIGHT OF WAYMARKERS
	STD. 1999-1	DRAINAGE MARKERS
102	STD. 1766-3	LONGITUDINAL METAL JOINT
	STD. 2130	CURB AND GUTTERS
103	STD. 1971-3	ROAD UNDER CONSTRUCTION SIGN
	STD. 1976	HEADWALLS FOR PIPE CULVERTS, 15" - 36"
	STD. 2115-1	PAVEMENT FABRIC
104	STD. 1997	HEADWALLS FOR PIPE CULVERTS, 42" - 60"
105	STD. 2138-1	BRIDGE APPROACHES FOR F.A.I. ROUTES
106	STD. 2051	HEADWALLS FOR PIPE CULVERTS, SKEWED 15" - 36"
107	STD. 2132	P.C. CONCRETE PAVEMENT, 10" WITH 64' MEDIAN
108	STD. 2169	WOVEN WIRE FENCE
109	STD. 1972-1	BARRICADES
	STD. 2135	PERMANENT SURVEY MARKERS
	STD. 2153-a	SIGN FOR INTERSTATE SYSTEM PROJECT (FEDERAL & STATE)
110	STD. 2114	FLAGMAN TRAFFIC CONTROL SIGN

ROAD CLASSIFICATION
F.A.I. ROUTE 80 1976 — T — 70

JOB NO 22552



LAYOUT

Project Net Length = 23,618.10 Feet 4.473 Miles

0 1 2 3 4 Miles
Scale: 1" = 1 Mile

LOCATION OF SECTION INDICATED THUS:—

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS
July 3 '62
August 2 '62
August '62
August 3 '62
August 3 '62

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED
DIVISION ENGINEER DATE

BUREAU COUNTY SECTION 06-5 F.A.I. ROUTE 80

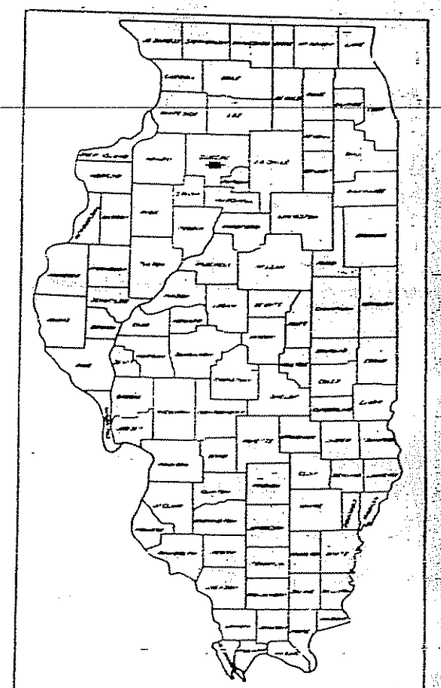
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FEDERAL AID ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
80	06-5 06-5HB	BUREAU	1	1

SCALES
- PLAN 1 INCH 100 FT
- PROFILE HOR 1 INCH 100 FT
- PROFILE VERT 1 INCH 10 FT
- CROSS-SECTIONS
  - HOR 1 INCH 10 FT
  - VERT 1 INCH 5 FT

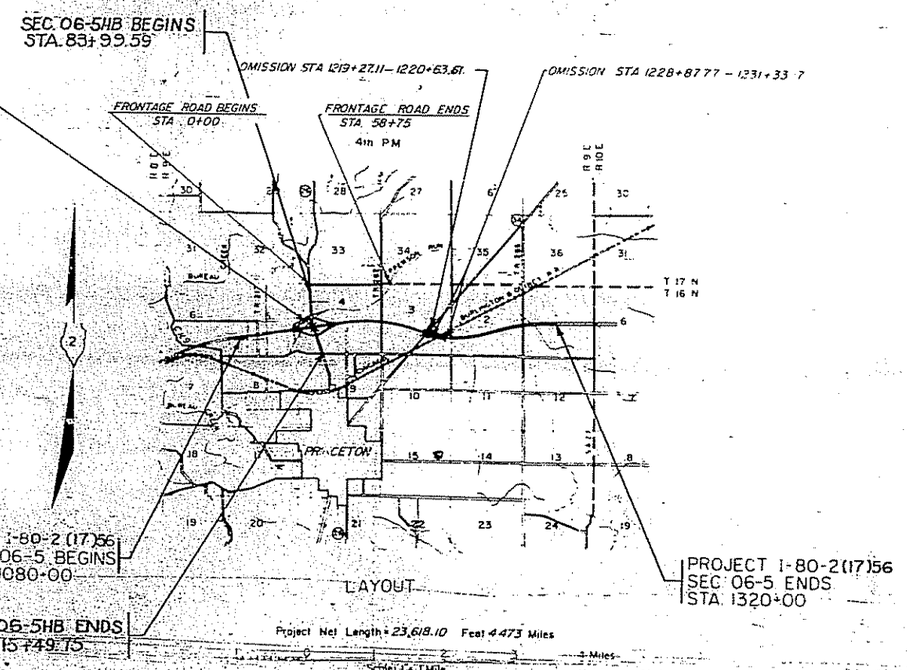
F.A.I. ROUTE 80
PROJECT I-80-2(17)56
SECTION 06-5,5HB
BUREAU COUNTY



LOCATION OF SECTION INDICATED THUS:—

SPECIAL COVER SHEET PREPARED FOR BUREAU OF PUBLIC ROADS.

PROJECT I-80-2(17)56
SECTION 06-5HB
Includes the construction of one (1) continuous WF beam structure (carrying S.B.I. Route 89 over F.A.I. Route 80), on R.C. piers and open abutments spans, 1@41'-9", 2@67'-3½" and 1@46'-5" at Station 100+00.68 ℄ Construction, Approach Roadways, Bypass, Channel Change and Drainage Structures.



LAYOUT

Project Net Length = 23,618.10 Feet 4.473 Miles

Scale 1" = 1 Mile

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

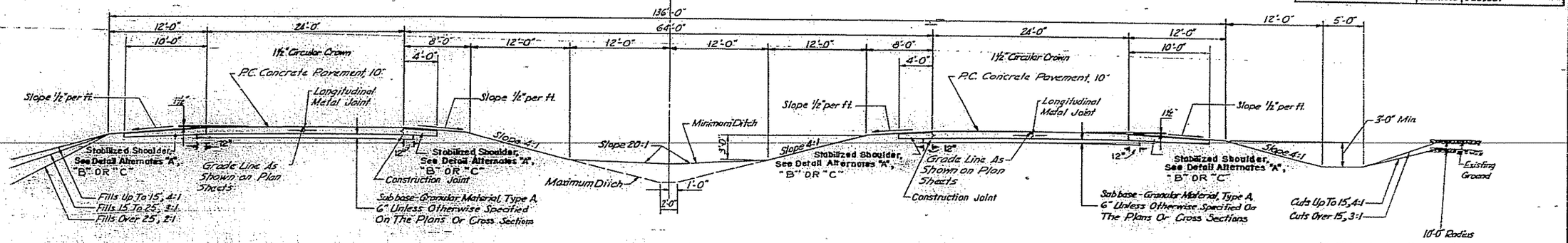
SUBMITTED JULY 3 '62
M. M. Mosler
CHECKED August 2 '62
PASSED August 2 '62
APPROVED August 2 '62
APPROVED August 2 '62

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED
DIVISION ENGINEER DATE

ROAD CLASSIFICATION
F.A.I. ROUTE 80 1976 – T – 70

BUREAU COUNTY SECTION 06-5,5HB F.A.I. ROUTE 80

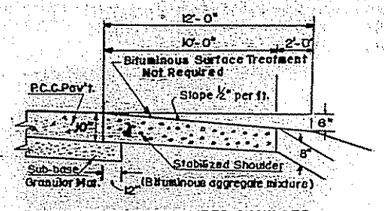
FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
80	06-5	BUREAU	110	2
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



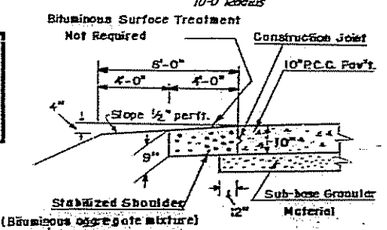
Note:
Earthwork quantities have been revised on Summary of Quantities to include the changes brought about by the adoption of the new shoulder design. Station cross-section templates and end areas have not been adjusted to provide for the new shoulders. Shoulders are to be constructed in accordance with the typical section and Stabilized Shoulder Details and all the earthwork outside the limits of the shoulder shall conform to the Station cross-sections.

TYPICAL SECTION
F.A.I. ROUTE 80
64' MEDIAN
TANGENT
SCALE: 1"=6'-0"

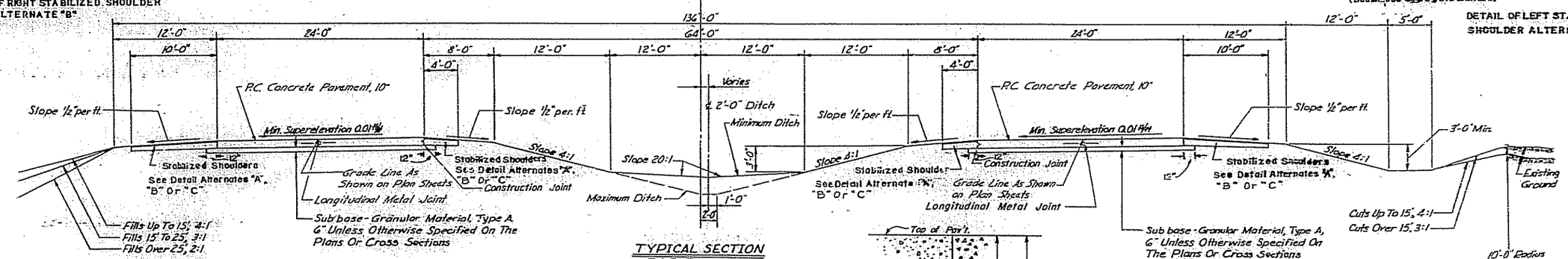
THE NOMINAL THICKNESSES FOR SUB-BASE GRANULAR MATERIAL AND STABILIZED SHOULDERS ALTERNATES "A", "B" OR "C", BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESSES OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PER CENT OF THE NOMINAL THICKNESS AT ANY LOCATION



DETAIL OF RIGHT STABILIZED SHOULDER ALTERNATE "B"

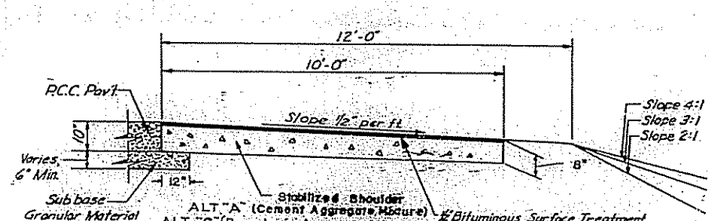


DETAIL OF LEFT STABILIZED SHOULDER ALTERNATE "B"

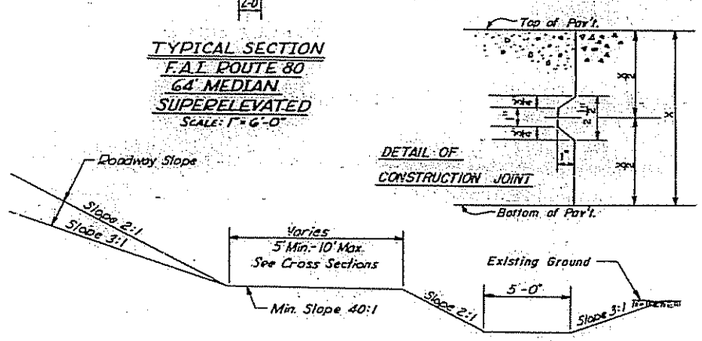


TYPICAL SECTION
F.A.I. ROUTE 80
64' MEDIAN
SUPERELEVATED
SCALE: 1"=6'-0"

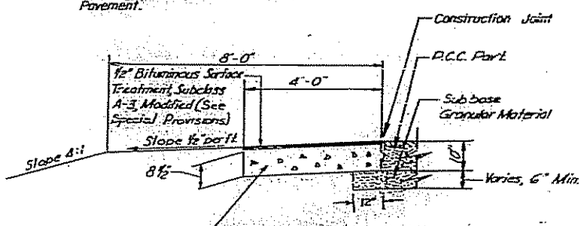
Note: Construction Joint To Be Used Only On Median Side Of Proposed Pavement.



DETAIL OF RIGHT STABILIZED SHOULDER
SCALE: ½"=1'-0"



DETAIL OF DITCH TREATMENT IN FILL SECTIONS WITH ROADWAY SLOPES OF 3:1 OR 2:1
NOT TO SCALE



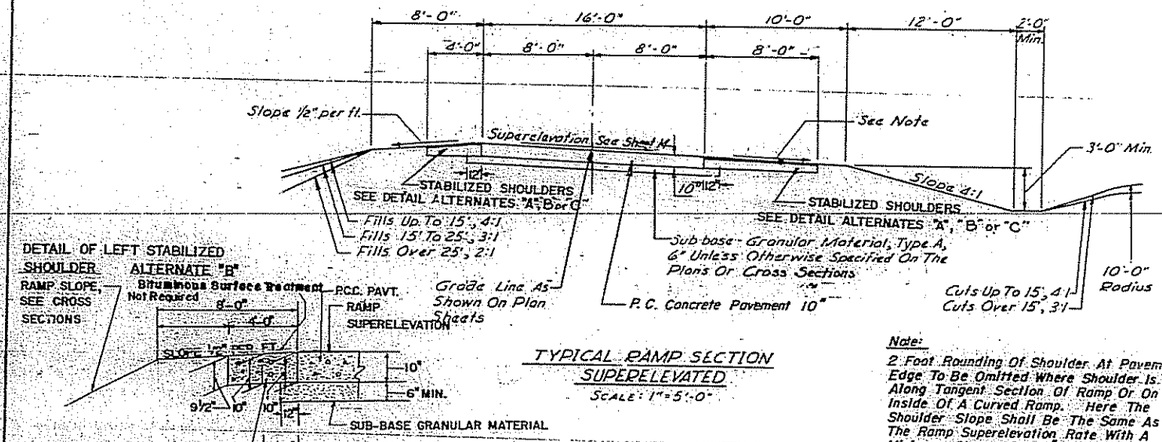
DETAIL OF LEFT STABILIZED SHOULDER
SCALE: ½"=1'-0"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F.A.I. ROUTE 80
TYPICAL SECTIONS

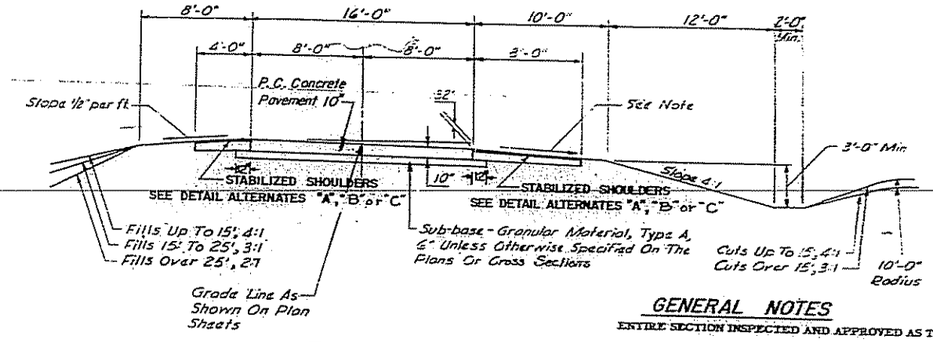
H. W. LOCHNER, INC.
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
80	06-5	BUREAU	110	3
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



TYPICAL RAMP SECTION
SUPERELEVATED
SCALE: 1"=5'-0"

Note:
2 Foot Rounding Of Shoulder At Pavement Edge To Be Omitted Where Shoulder Is Along Tangent Section Of Ramp Or On The Inside Of A Curved Ramp. Here The Shoulder Slope Shall Be The Same As The Ramp Superelevation Rate With A Minimum Slope Of 1/2" Per Foot.



TYPICAL RAMP SECTION
TANGENT
SCALE: 1"=5'-0"

GENERAL NOTES

ENTIRE SECTION INSPECTED AND APPROVED AS TO POLICY

DATE July 3, 1962

DISTRICT ENGINEER M. M. Reeder

CONSTRUCT TWO (2) PORTLAND CEMENT CONCRETE PAVEMENTS, 10" THICK AND 24' WIDE STA. 1080+00 - 1320+00 AS PER TYPICAL SECTIONS AND STANDARD 2132, EXCEPT AS OTHERWISE INDICATED ON THE PLANS.

INSTALL CONTRACTION JOINTS IN THE PAVEMENT AT 100 FOOT CENTERS EXCEPT AS OTHERWISE NOTED ON THE PLANS.

EXCAVATION IN EXISTING GRAVEL ON MACADAM ROAD TO BE PAID FOR AS "EARTH EXCAVATION."

CONTRACTOR TO REMOVE ALL STRUCTURES WITHIN THE RIGHT OF WAY WITHOUT ADDITIONAL COMPENSATION UNLESS EXTRA PAY ITEM IS SPECIFICALLY NOTED.

SEE CROSS-SECTIONS FOR SPECIAL DITCHES AND BACK SLOPES.

SEE NOTE ON TYPICAL SECTION, SHEET NO. 2, CONCERNING "ADJUSTMENTS OF CROSS SECTION TEMPLATES AND END AREAS" RESULTING FROM NEWLY ADOPTED STABILIZED SHOULDER DESIGNS.

THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS UNTIL AN OWNER OR AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

CLEAN OUT ALL STREAM FLOWS TO THE RIGHT OF WAY LINES ON THE ENTIRE SECTION. COST TO BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION."

THE CONTRACTOR SHALL ERECT TWO SIGNS, STANDARD 2153-2, AT LOCATIONS SHOWN ON SHEETS 6 AND 13.

CONTRACTOR TO FURNISH AND ERECT THE FOLLOWING MARKERS AT LOCATIONS DESIGNATED BY THE ENGINEER.

EST. 114	EA.	RIGHT OF WAY MARKERS
EST. 44	EA.	DRAINAGE MARKERS
EST. 8	EA.	PERMANENT SURVEY MARKERS, TYPE II

STABILIZED SHOULDERS - ALT. "A" (CEMENT AGGREGATE MIXTURE), ALT. "C" (POZZOLANIC AGGREGATE MIXTURE) SHALL RECEIVE A 1/2" BITUMINOUS SURFACE TREATMENT, SUBCLASS A-3, MODIFIED, FOR THE ENTIRE LENGTH OF THE PROJECT.

DIMENSIONS OF SHOULDERS FOR RAMPS SEE RAMP DETAILS ON STANDARD DRAWING OR SPECIAL DRAWING IN PLANS.

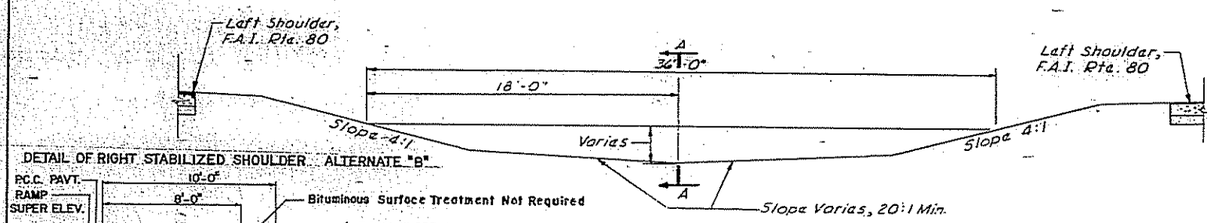
EST. 1568	TONS	COVER COAT AGGREGATE
EST. 39,710	GALS.	BITUMINOUS MATERIALS, COVER COAT

CONTRACTOR TO SEED THE ENTIRE LENGTH OF THE PROJECT BETWEEN RIGHT OF WAY LINES, EXCEPT PAVED AND SODDED AREAS.

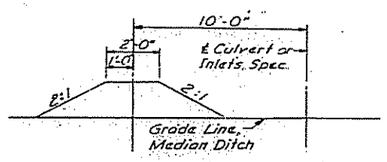
EST. 52.4	ACRES	TEMPORARY SEEDING
EST. 52.4	ACRES	COMPLETE SEEDING
EST. 8	TONS	FERTILIZER NUTRIENTS

CONTRACTOR TO MULCH ALL AREAS TO BE SEEDED WITH ASPHALT-COATED MULCH.

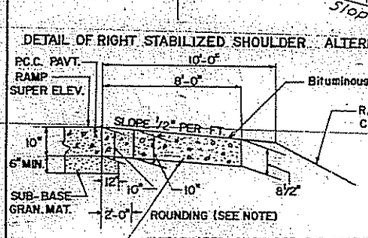
EST. 262	TONS	STRAW FOR ASPHALT-COATED MULCH
EST. 22,281	GALS.	EMULSIFIED ASPHALT.



CROSS SECTION



SECTION A-A



EARTH DITCH CHECK DETAILS
SCALE: 1/2"=1'-0"

GENERAL NOTES (CONT)

SUPPLEMENTAL WATERING FOR SODDED AREAS.

EST. 60 UNITS SUPPLEMENTAL WATERING

THE COST OF MAKING SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES AS INDICATED, SHALL BE INCLUDED IN THE VARIOUS UNIT PRICES FOR "STORM SEWERS".

THE COST OF PLUGGING EXISTING DRAIN TILE AT THE RIGHT OF WAY LINE, WHEN CALLED FOR IN THE PLANS, SHALL BE INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR SHALL REMOVE ALL ENTRANCE CULVERTS, WHICH ARE NOT TO BE LEFT IN PLACE, IN CONDITION FOR RE-USE. THEY SHALL BE CLEANED AND STORED ALONG THE RIGHT OF WAY AS DIRECTED. IN NO CASE SHALL THEY BE ROUGHLY HANDLED OR SHOVED BY HEAVY MACHINERY. UNUSABLE MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE. COST OF THE ABOVE WORK TO BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION".

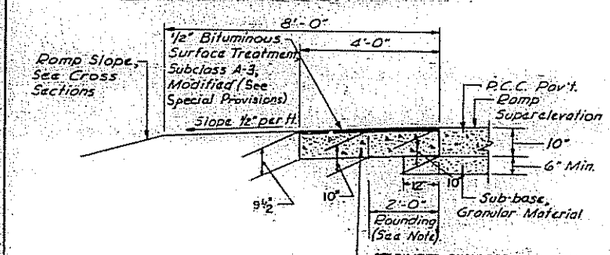
ALL STORM SEWER AND PIPE UNDERDRAINS SHALL BE PLACED AT GRADE AND OF EQUAL SIZE TO EXISTING FIELD TILE, OR AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.

WHENEVER IN THESE PLANS, REFERENCE IS MADE TO THE "STANDARD SPECIFICATIONS" IT IS UNDERSTOOD TO INCLUDE THE "SUPPLEMENTAL SPECIFICATIONS", EFFECTIVE APRIL 2, 1962.

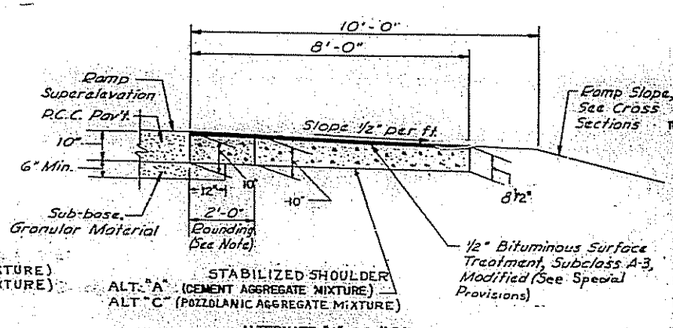
THE CONTRACTOR SHALL BEGIN FENCE ERECTION AS SOON AS CLEARING OPERATIONS PERMIT. BEFORE REMOVING EXISTING FENCE FROM AN AREA THAT CONTAINS LIVESTOCK, THE CONTRACTOR SHALL ERECT ALONG THE PROPOSED RIGHT OF WAY LINES, A TEMPORARY FENCE OR WIRE MEETING THE APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL CONCENTRATE HIS PERMANENT FENCING OPERATIONS AT THESE LOCATIONS AND AT OTHER SPECIFIC LOCATIONS AS DIRECTED BY THE ENGINEER. THE COST OF ARRANGING WORK AS HEREIN SPECIFIED AND ERECTING ANY TEMPORARY FENCING WILL NOT BE PAID FOR AS A SEPARATE ITEM BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LINEAL FOOT FOR WOVEN WIRE FENCE.

THE CONTRACTOR SHALL APPLY PROTECTIVE COAT ON THE PAVEMENT WHERE REQUIRED BY THE ENGINEER.

EST. 139,643 SQ.YDS. PROTECTIVE COAT



DETAIL - LEFT STABILIZED SHOULDER - RAMP
SCALE: 1/2"=1'-0"



DETAIL - RIGHT STABILIZED SHOULDER - RAMP
SCALE: 1/2"=1'-0"

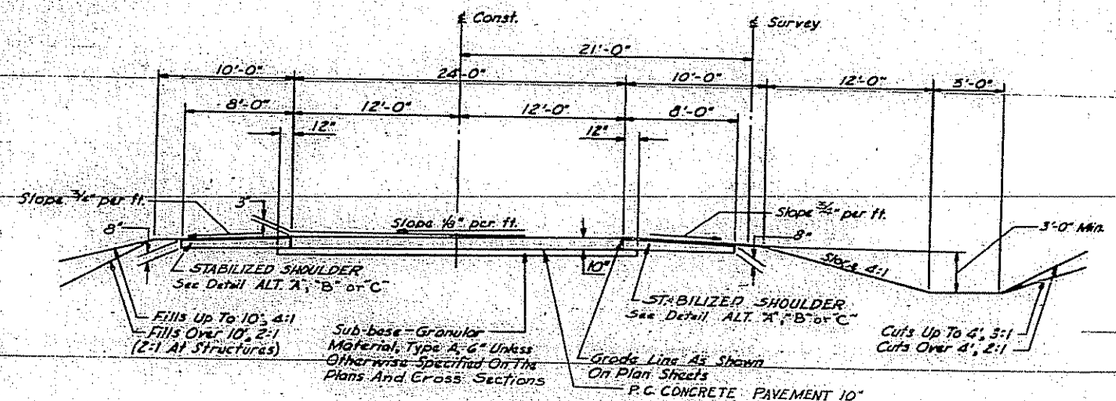
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

TYPICAL SECTION-RAMPS, EARTH DITCH CHECK DETAILS, RIGHT & LEFT RAMP SHOULDER DETAILS AND GENERAL NOTES

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

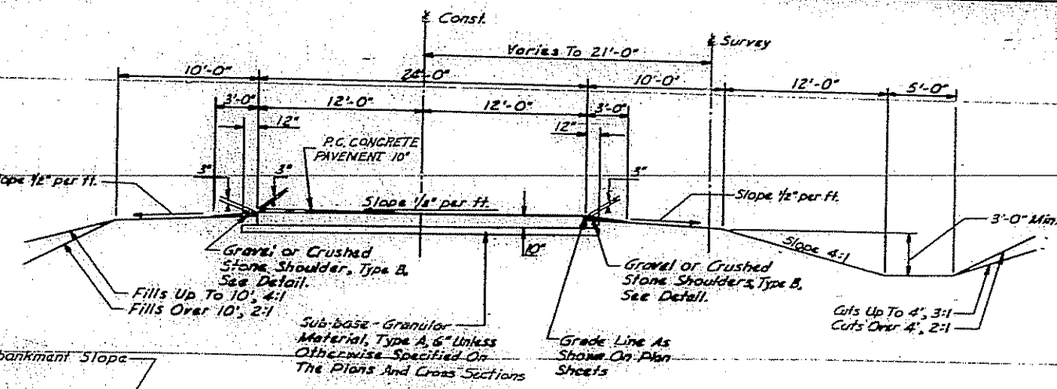
ORIGINAL SURVEY | TRACED | CHECKED | NOTE BOOK NO.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
BD	06-5	BUREAU	110	4
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



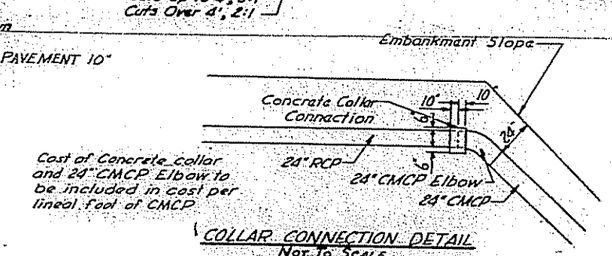
Note: P.C. Concrete Pavement and shoulders on Illinois Route 26 to be constructed by others on Sec. 06-5HB.

TYPICAL SECTION
NEW CONSTRUCTION
ILLINOIS ROUTE 26
STA. 94+85 TO STA. 105+00
SCALE: 1"=5'-0"



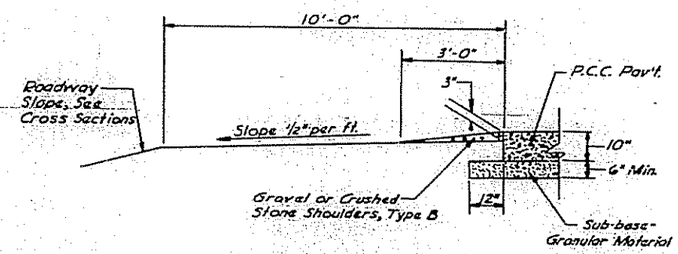
TYPICAL SECTION
NEW CONSTRUCTION
ILLINOIS ROUTE 26
STA. 82+00 TO STA. 94+85
STA. 105+30 TO STA. 111+49.75
SCALE: 1"=5'-0"

Note: P.C. Concrete Pavement and shoulders on Illinois Route 26 to be Constructed by others on Sec. 06-5HB.

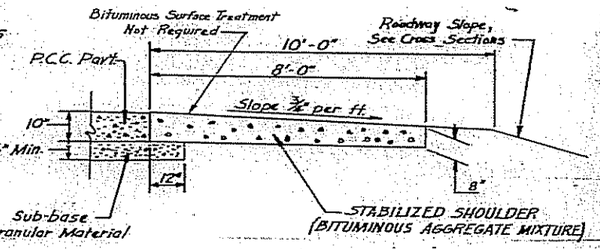


Cost of Concrete Collar and 24" CMCP Elbow to be included in cost per lineal foot of CMCP.

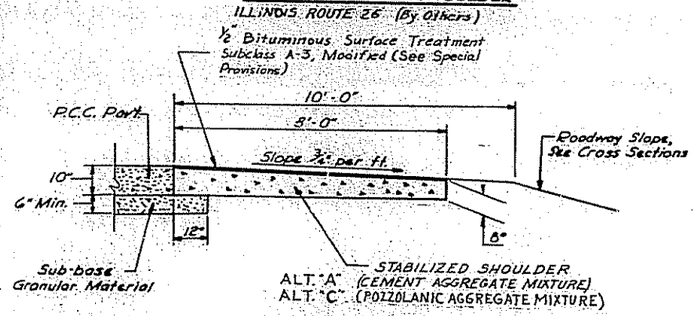
COLLAR CONNECTION DETAIL
NOT TO SCALE



DETAIL-TYPE B SHOULDER
ILLINOIS ROUTE 26 (By Others)

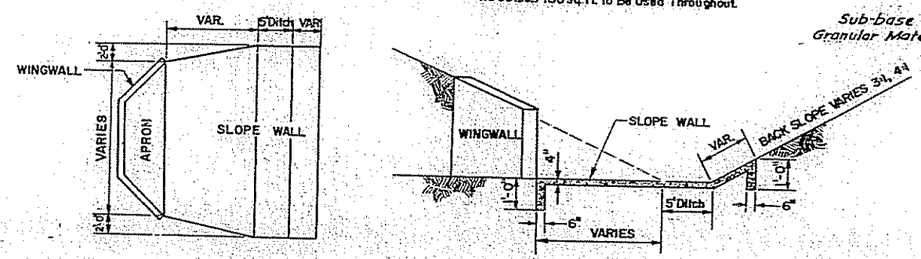


ALTERNATE "B"
DETAIL-STABILIZED SHOULDER
ILLINOIS ROUTE 26
(By Others)

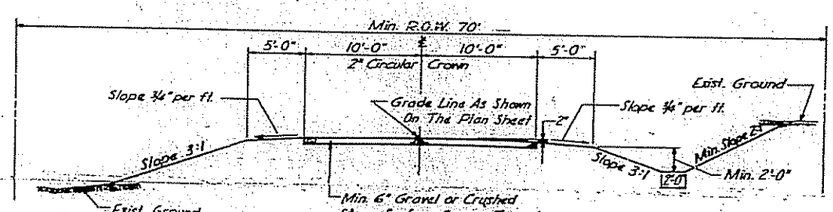


ALTERNATE "A" OR "C"
DETAIL-STABILIZED SHOULDER
ILLINOIS ROUTE 26
(By Others)

NOTE:
Welded Wire Fabric 6"X6" Mesh #4 Wires
Wt. 58lbs./100 sq. ft. To Be Used Throughout.



DETAIL OF SLOPE WALL (4 INCH)



TYPICAL SECTION
FRONTAGE ROAD
STA. 0+00 TO STA. 53+00
SCALE: 1"=6'-0"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

TYPICAL SECTIONS-NEW CONSTRUCTION
ILLINOIS ROUTE 26 & FRONTAGE ROAD
AND SHOULDER DETAILS ILL. ROUTE 26
SLOPE WALL (4 INCH) &
CONCRETE COLLAR

R. W. LOCKNER, INC.
ENGINEERS
SPRINGFIELD, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
80	06-5	BUREAU	110	6
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

USGS DATUM
5th GA 1929

BM-24A
Log screw in W. side of Power Pole 1.0 above ground. 25' E. ℄ of rd. 37' N. fence corner. 52.5' SE of Telephone Pole on W. side of rd. 1.0' W. of R.O.W. fence. Approx. opp. 1089+50
El. 684.31

P.O.T. 1090+51.81
3/4" I.P. Flush With Ground.

P.O.T. 1096+92.57
3/4" I.P. Flush With Ground

BM-25
3/4" iron pipe approx. opp. 1103+27 and 195' S. of ℄. Iron pipe set flush with ground. 1.2' E. of a NS fence. Iron pipe is set at fence corner.
El. 683.29

SEC. 06-5 BEGINS STA. 1080+00

a point near the S.E. corner of the NW¼ of the SW¼ of Sec. 5, T.16N., R.9E. of the 4th P.M.

Permanent Bench "D" 128' L. 1081+00: El. to be determined by the Engineer.

WILLIAM C. EBERHART

To Be Closed

Earth & Bank Run Gravel Road

℄ OF SURVEY
PROP. R.O.W. LINES

General Tele. Co.

Illinois Power Co.

ALFRED C. LARSON

Existing 8" Field Tile

MORRIS G. CAMPBELL

Existing 4" Field Tile

Existing 4" Field Tile

R.O.W. & A.C.

5' Min.

A.C.

Remove

Remove

Remove

SIGN 2153-2

R.O.W. & A.C.
1080+90
Const. Earth Ditch Check in Med. Ditch
See Detail Sheet No. 3, 16 Cu. Yds. included in earthwork quantities.

ANNA M. JOHNSON

Steel Plate Beam Guard Rail (2 Panels)

Two P.C.C.P. To Be Closed

Manholes, Type A, 4'D.

Manholes, Type A, 4'D.

Motor Line Stn. 1110+00

ALFRED C. LARSON

MORRIS G. CAMPBELL

WOVEN WIRE FENCE
See Sheet 5A
For Schedules

1081+00
54' P.C. Type 1A (RCP Class III) 24"
L.19' ℄ 676.0 L.73' ℄ 675.9 Std. 1976-D24-2. Hdwls. 2.0 Cu. Yds. Class X Conc. Hdwls. 70 Lbs. Reinf. Bars. 4.7 Cu. Yds. Trench Backfill

STEEL PLATE BEAM GUARD RAIL
2. 1090+25± (2 End Sections) 25 Lin. Ft.
L. 1090+25± (2 End Sections) 25 Lin. Ft.
TOTAL 50 Lin. Ft.

TREE REMOVAL (6" TO 15" DIA.)

L. 1083+05	6 IN. DIA.
L. 1085+05	8 IN. DIA.
L. 1087+75	8 IN. DIA.
TOTAL	22 IN. DIA.

TREE REMOVAL (OVER 15" DIA.)

L. 1080+20	35 IN. DIA.
L. 1084+35	18 IN. DIA.
TOTAL	53 IN. DIA.

1101+00
170' P.C. Type 2A (RCP Class III) 36"
L.83' ℄ 679.3, R.87' ℄ 678.1, Std. 1976-D36-2 Hdwls. 3.5 Cu. Yds. Class X Conc. Hdwls. 100 Lbs. Reinf. Bars.

STORM SEWERS, TYPE 2 (RCP CLASS II) 12"
Locate the existing drain tile across the road at 1100+50± and replace with Storm Sewer, Type 2 (RCP Class II) 12" between R.O.W. lines, Est. 240 Lin. Ft. L.123' @ 1100+50± Manholes, Type A, 4' DTIC R.123' @ 1100+50± Manholes, Type A, 4' DTIC. 10.1 Cu. Yds. Trench Backfill

STORM SEWERS, TYPE 2 (RCP CLASS II) 8"
Locate the existing drain tile across the road at 1109+00± and replace with Storm Sewers, Type 2 (RCP Class II) 8" between R.O.W. lines, Est. 242 Lin. Ft. L.123' @ 1108+75± Manholes, Type A, 4' DTIC R.124' @ 1109+25± Manholes, Type A, 4' DTIC 9.4 Cu. Yds. Trench Backfill

STORM SEWERS, TYPE 2 (RCP CLASS II) 8"
Locate the existing drain tile across the road of 1106+00± and replace with Storm Sewers, Type 2 (RCP Class II) 8" between R.O.W. lines, Est. 246 Lin. Ft. L.123' @ 1106+00± Manholes, Type A, 4' DTIC R.125' @ 1106+00± Manholes, Type A, 4' DTIC. 9.4 Cu. Yds. Trench Backfill

SUBBASE - GRANULAR MATERIAL, TYPE A

1080+00 - 1092+50 (2 Lanes 26' @ 6")	2468 TONS
1092+50 - 1110+00 (2 Lanes 26' @ 9")	3782 TONS
TOTAL	7650 TONS

STABILIZED SHOULDERS
1080+00 - 1110+00

ALT. A CEMENT-AGGREGATE MIXTURE	9333 SQ. YD.
ALT. B BITUMINOUS - AGGREGATE MIXTURE	9333 SQ. YD.
ALT. C POZZOLANIC - AGGREGATE MIXTURE	9333 SQ. YD.

SODDING
1081+00 - 1081+50 (Median) 150 Sq. Yds.

EXPLORATION TRENCH 52" DEPTH

Lt. & Rt. 1100+50±	200 Lin. Ft.
Lt. & Rt. 1106+00±	200 Lin. Ft.
Lt. & Rt. 1109+00±	200 Lin. Ft.
TOTAL	600 Lin. Ft.

P.I. 1080+00
El. 680.01
V.C. 400'
X. 0.36

P.T. 1082+00

Prop. Grade Line of Eastbound & Westbound Dwy's.
Exist. Ground Line

+0.80%

P.C. 1097+00

P.I. 1102+00
El. 688.81
V.C. 1000'
X. 1.50'

Spec. Med. Ditch - 0.20% Grade

36" P.C. Type 2A

Spec. Med. Ditch +0.20% Grade

Spec. 5' Ditch L. +0.60% Grade

24" P.C. Type 1A

Spec. 5' Ditch L. -1.30% Grade

Spec. 5' Ditch R. +0.90% Grade

P.T. 1107+00

-0.80%

Earth Exc. 7,588 Cu. Yd.
Overhaul 207,800 Cu. Yd. Sta.
Haul 7,588 C.Y. to 1122+14
1124+67

Earth Exc. 14,070 Cu. Yd.
Overhaul 409,200 Cu. Yd. Sta.
Haul 14,070 C.Y. to S.W. Ramp

Earth Exc. 21,278 Cu. Yd.
Emb. 15,588 Cu. Yd.
Overhaul 400 Cu. Yd.-Sta.

Earth Exc. 6,504 Cu. Yd.
Haul 6,504 C.Y. to 1122+14
1124+67

Earth Exc. 6018 Cu. Yd.
Haul 38,600 Cu. Yd. Sta.
Haul 5724 C.Y. to S.W. Ramp

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F.A.I. ROUTE 80

PLAN & PROFILE

STA. 1080+00 TO STA. 1110+00

R. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
80	06-5	BUREAU	110	7
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

P.O.T. 1116+96.79
3/4" I.P. Flush With Ground
USGS. DATUM
5th GA 1929

1114+60
Const. Earth Ditch Check in Med. Ditch See Detail Sheet No. 3. 16 Cu. Yd. included in earthwork quantities.

MORRIS G. CAMPBELL

BM-26A
Log screw in E side of 36" Oak Tree 40.6' E. of NS fence, 47.4' S of 36" Oak and 54.5' NW of 36" Oak Tree. Approx. opp. 1117+30

El. 674.17

1114+50 - 47 CY. Trench Backfill
54" PC. Type 1A (RCP Class III) 24" R. 19' E 674.6 R. 73' E 674.3 Std. 1976-D24-2 Hdwls. 2.0 Cu. Yd. Class X Conc. Hdwls. 70 lbs. Reinf. Bars

P.O.T. 1123+49.67
3/4" I.P. Buried 14" Below Ground

Tack in first wood post N of concrete post

BM-27A
Log screw in N side of 30" Oak 1' above ground. 138' S fence corner, 105' SE tree and 90' E. of tree. Approx. opp. 1126+00.

El. 656.46

1121+00± L. Std. 1976-D18-2 Hdwl.
0.7 Cu. Yd. Class X Conc. Hdwls. 30 Lbs. Reinf. Bars. Pipe Culverts To Be Placed By Others On Sec. 06-5HB

FRED WARNECKE

P.O.T. 1127+09.22
3/4" I.P. Flush With Ground
℄ ILL. ROUTE 26 CONSTRUCTION BY-PASS ROAD BY OTHERS
Gen. Tele. Co.

Existing Culvert to be Removed by others

P.O.T. 1133+47.92
3/4" I.P. Flush With Ground

RALPH G. DAWSON

ELIZABETH BUTTS

Ill. Power Co.

Ill. Rte. 26 Structure To Be Built Under Proj. I-80-2(17)56 Sec. 06-5HB.

STA. 1133+34.74 (F.A.I. Route 80) = ℄ Const. 100+00.68 (ILL. Route 26)

N.E. QUAD.
Earth Exc. 15,989 Cu. Yds.
Emb. 6,395 Cu. Yds.
Haul 9,594 Cu. Yds. to N.E. Ramp.

WOVEN WIRE FENCE
See Sheet 5A For Schedules.

℄ OF SURVEY
PROP. R.O.W. LINES
Existing 4" Field Tile
Existing 8" Field Tile
Manholes Type A, 4' D

Note:
For R.O.W. & Easement details in Interchange Area, See Sheet No. 14
Lt. Sta. 1115+80± Const. Tile Outlet Headwall Std. 935 0.8 Cu. Yds. Class X Conc. Hdwls.

P.O.W. & A.C.

Match Line Sta. 1110+00

Remove

N.W. QUAD.
Earth Exc. 19,169 Cu. Yd.
Emb. 9,500 Cu. Yd.
Haul 9667 Cu. Yds. to N.W. Ramp

88°09'15"

1129+00
56" P.C. Type 1A (RCP Class III) 24" R. 18' E 663.9 R. 74' E 663.6 Std. 1976-D24-2 Hdwls. 2.0 Cu. Yds. Class X Conc. Hdwls. 70 lbs. Reinf. Bars.

S.W. QUAD.
Earth Exc. 21,492 Cu. Yd.
Haul 21,492 Cu. Yds. to S.W. Ramp

Culvert by others

S.E. QUAD.
Earth Exc. 23,424 Cu. Yd.
Haul 23,424 Cu. Yds. to N.E. Ramp

P.O.W. & A.C.
Match Line Sta. Sheet No. 14

MORRIS G. CAMPBELL

Box Culvert To Be Built Under Proj. I-80-2(17)56, Section 06-5HB

FRED WARNECKE

ELIZABETH BUTTS

STORM SEWERS, TYPE 2 (RCP CLASS II) 8"
Locate the existing drain tile across the road at 1115+00± and replace with Storm Sewers, Type 2 (RCP Class II) 8" between R.O.W. lines, Est. 272 Lin. Ft. L. 140' @ 1114+75± Manholes, Type A, 4' DTIC. 2.12 @
1115+25± Manholes, Type A, 4' DTIC. 9.4 Cu. Yds. Trench Backfill

PAVED DITCH, 10 FEET
R. 1126+80 - 1128+00 (S.W. Ramp) 120 Lin. Ft.

CONCRETE CURB AND GUTTER, TYPE M6.06

Island - S.W. Ramp & Ill. Rte. 26	114 Lin. Ft.
Island - N.E. Ramp & Ill. Rte. 26	70 Lin. Ft.
TOTAL	184 Lin. Ft.

Note:
For detailed layout of NW Ent. Ramp & SW Exit Ramp see sheet No. 16. For const. details of Ramps see sheet No's. 14 to 19.

STABILIZED SHOULDERS
ALT. "C" POZZOLANIC AGGREGATE MIXTURE 16,921 SQ. YD.

1110+00-1140+00	7662	SQ. YD.
N.W. Ramp	2498	SQ. YD.
N.E. Ramp	2309	SQ. YD.
S.W. Ramp	2209	SQ. YD.
S.E. Ramp	2237	SQ. YD.
ALT. A. CEMENT-AGGREGATE MIXTURE	16921	SQ. YD.
ALT. B. BITUMINOUS-AGGREGATE MIXTURE	16921	SQ. YD.

INCIDENTAL BITUMINOUS SURFACING

Island - S.W. Ramp & Ill. Rte. 26	6.6	TON
Island - N.E. Ramp & Ill. Rte. 26	1.8	TON
TOTAL	8.4	TON

TREE REMOVAL		(6" TO 15" DIA)		TREE REMOVAL (OVER 15" DIA)	
R. 1117+20	12 IN. DIA.	R. 1124+18	11 IN. DIA.	L. 1134+15	38 IN. DIA.
L. 1117+68	8 IN. -	R. 1124+30	9 IN. DIA.	L. 1134+40	28 IN. DIA.
R. 1117+88	12 IN. -	R. 1124+33	10 IN. DIA.	L. 1134+48	19 IN. DIA.
L. 1119+25	10 IN. -	R. 1124+40	14 IN. DIA.	L. 1134+82	28 IN. DIA.
R. 1119+70	9 IN. -	℄ 1124+60	12 IN. DIA.	L. 1135+07	27 IN. DIA.
R. 1119+90	8 IN. -	R. 1124+68	6 IN. DIA.	TOTAL	140 IN. DIA.
R. 1120+30	7 IN. -	R. 1124+74	6 IN. DIA.		
R. 1120+66	14 IN. -	R. 1124+78	10 IN. DIA.		
L. 1120+75	13 IN. -	L. 1125+85	9 IN. DIA.		
R. 1120+78	10 IN. -	L. 1126+27	6 IN. DIA.		
R. 1120+80	6 IN. -	L. 1126+51	12 IN. DIA.		
R. 1120+92	9 IN. -	L. 1126+76	8 IN. DIA.		
L. 1121+35	11 IN. -	L. 1127+16	6 IN. DIA.		
R. 1123+08	9 IN. -	L. 1127+62	13 IN. DIA.		
R. 1123+77	7 IN. DIA.	L. 1135+68	10 IN. DIA.		
TOTAL	287 IN. DIA.			TOTAL	11,853 TONS

STEEL PLATE BEAM GUARD RAIL

R. 92+00 (Ill. Rte. 26) - 112+75 (F.A.I. 80)	1500 Lin. Ft.
L. 92+00 (Ill. Rte. 26) - 1135+00 (NE Ramp)	525 Lin. Ft.
R. & L. 95+00 (Ill. Rte. 26) - 98+75 (Ill. Rte. 26)	750 Lin. Ft.
R. & L. 101+25 (Ill. Rte. 26) - 105+10 (Ill. Rte. 26)	775 Lin. Ft.
R. 106+25 (Ill. Rte. 26) - 107+00 (Ill. Rte. 26)	75 Lin. Ft.
TOTAL	3625 Lin. Ft.

PAVED DITCH - 3 FEET

R. 1122+75 - 1123+18	45 Lin. Ft.
L. 1123+53 - 1123+87	34 Lin. Ft.
R. 1133+54 - 1135+92	238 Lin. Ft.
TOTAL	317 Lin. Ft.

SUB BASE - GRANULAR MATERIAL, TYPE A

1110+00 - 1122+00 (2 Lanes 26' @ 9")	3554	TONS
1122+00 - 1129+50 (2 Lanes 26' @ 6")	1480	TONS
1129+50 - 1140+00 (2 Lanes 26' @ 11")	3814	TONS
N.W. Ramp - 1123+38 - 1134+49.57 (1 Lane 18' @ 6")	739	TONS
N.E. Ramp - 1131+81.99 - 1144+06.67 (1 Lane 18' @ 6")	840	TONS
S.W. Ramp - 1123+52.59 - 1134+22.79 (1 Lane 18' @ 6")	786	TONS
S.E. Ramp - 1132+15.73 - 1141+22.08 (1 Lane 18' @ 6")	620	TONS
TOTAL	11,853	TONS

SODDING

℄ 1114+00 - 1114+50 (Med.)	150 Sq. Yd.
R. 1120+00 - 1121+90 (2 Sod. Ditch)	400 Sq. Yd.
℄ 1128+50 - 1129+50 (Med.)	300 Sq. Yd.
1128+00 - 1128+15 (R. Ditch)	17 Sq. Yd.
NW Ramp - 1133+00 - 1133+92 (L. Slope)	434 Sq. Yd.
NE Ramp - 1132+25 - 1133+00 (R. Slope)	420 Sq. Yd.
Ill. Rte. 26 - 92+00 - NE Ramp - 1132+25 (Slope)	1,004 Sq. Yd.
Ill. Rte. 26 - 92+00 - NW Ramp 1133+92 (Slope)	1,181 Sq. Yd.
NE Ramp - 1132+25 - Ill. Rte. 26 99+30 (Slope)	3,011 Sq. Yd.
NW Ramp - 1133+91 - Ill. Rte. 26 99+30 (Slope)	5,312 Sq. Yd.
Ill. Rte. 26 - 100+70 (L) - 104+00 (Slope)	1,352 Sq. Yd.
Ill. Rte. 26 - 100+70 (R) - 105+00 (Slope)	1,527 Sq. Yd.
TOTAL	13,408 Sq. Yd.

SLOPE WALL, 4 INCH

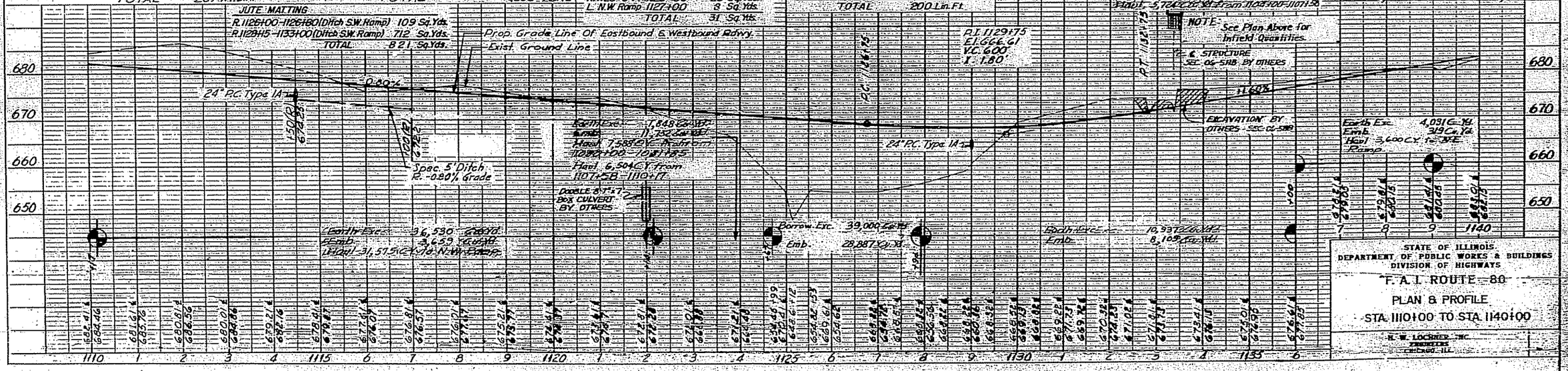
R. 1128+94 - 1129+06	23 Sq. Yds.
L. N.W. Ramp 1127+00	8 Sq. Yds.
TOTAL	31 Sq. Yds.

EXPLORATION TRENCH, 52" DEPTH

Ill. Rte. 1115+00±	200 Lin. Ft.
TOTAL	200 Lin. Ft.

JUTE MATTING

R. 1126+00 - 1126+80 (Ditch S.W. Ramp)	109 Sq. Yds.
R. 1129+15 - 1133+00 (Ditch S.W. Ramp)	712 Sq. Yds.
TOTAL	821 Sq. Yds.



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

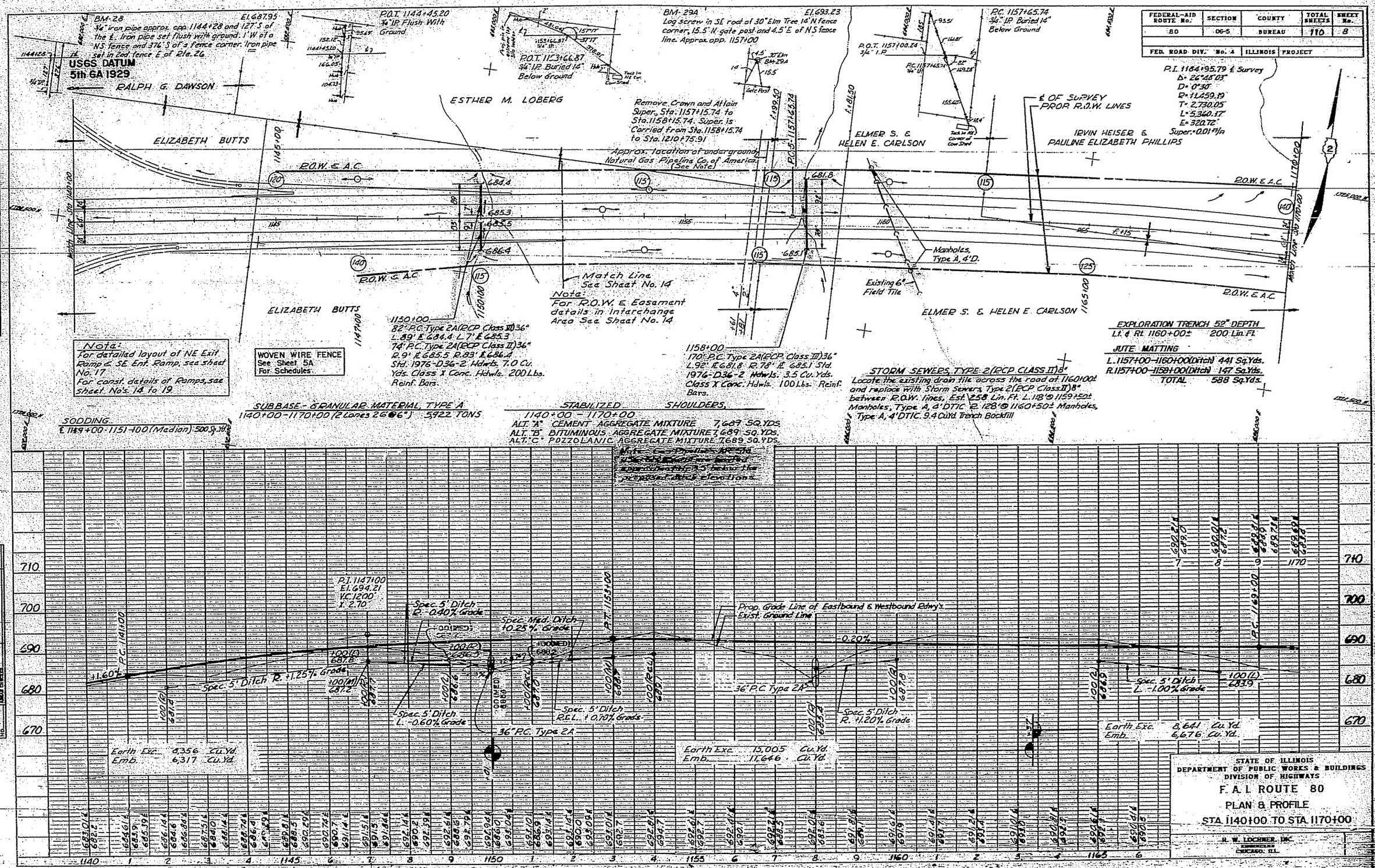
F.A.I. ROUTE 80

PLAN & PROFILE

STA. 1110+00 TO STA. 1140+00

H. W. LOCKNER INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
BO	06-5	BUREAU	110	8
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
80	06-5	EDGEAR	110	9
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

BM-30 ¾" iron pipe approx. opp. 1170+20 and 18.7' S of the ℄ Iron pipe set flush with ground 0.6' E of a N.S. fence. 142.5' S of a fence corner. El. 689.42

USGS DATUM
5th GA 1929

BM-31 ¾" iron pipe approx. opp. 1183+50 and 148.5' S of the ℄ Iron pipe is set flush with ground 0.5' E of a N.S. fence and 141' S of a fence corner. El. 695.39

BM-32A Bottom-hinge bolt in E side of conc. fence post 0.3' above ground. Post is Easternmost post on E.W. fence line 9' S. of ℄ of field rd. and 360' E of Elm on fence line. Approx. opp. 1197+30 El. 710.76

1172+45 - 1172+54 Inlets Spec. on ℄ Wall El. 684.8
8" P.C. Type 2, 24" ℄ 682.3
℄ 680.0

IRVIN H. & PAULINE E. PHILLIPS

P.L.S. Opposite 1184+45.82 ¾" I.P. Buried 14" Below Ground

P.O.C. 1184+45.82
Mid-point of Curve
¾" I.P.

℄ OF SURVEY
PROP. R.O.W. LINES

Existing 4" Field Tile

Existing 6" Field Tile

Remove

Manhole, Type A, 4' D.

Steel Plate Beam Guard Rail (2 Panels)

Ill. Power Co.

General Tele. Co.

Earth & Rock Run Gravel Road

To be Closed

Tile Headwall See Note

1192+90
Const. Earth Ditch Check in Med. Ditch. See Detail Sheet No. 3. 16 Cu. Yds. included in earthwork quantities.

P.I. 1184+95.79 ℄ Survey
Δ = 26°48'03"
D = 0°30'
R = 11,459.19'
T = 2,730.05'
L = 5,360.17'
E = 320.72'
Super. 0.01 ft/ft

1193+00
54" P.C. Type 1A (RCP Class III) 24"
L. 20' ℄ 693.8 L. 74' ℄ 693.5
Std. 1976-D24-2 Hdwls. 2.0 Cu. Yds. Class X Conc. Hdwls. 70 Lbs. Reinf. Bars. 5.4 Cu. Yds. Trench Backfill

R.O.W. & A.C.

EMILY R. CARLSON

IRVIN H. & PAULINE E. PHILLIPS

1172+55
182" P.C. Type 2A (RCP Class III) 54" L. 95' ℄ 677.7 R. 89' ℄ 679.1
Std. 1997-D54-2 Hdwls. 9.2 Cu. Yds. Class X Conc. Hdwls. 550 Lbs. Reinf. Bars

Existing 8" Field Tile

SLOPE WALL, 4 INCH
L. 1172+46 - 1172+64 49 Sq. Yds.

STORM SEWERS, TYPE 3 (RCP CLASS III) 12"
Locate the existing drain tile across the road at 1172+25± and replace with Storm Sewers, Type 2 (RCP Class II) 12" Between R.O.W. lines, Est. 300 Lin. Ft. L. 142 @ 1171+50± Manholes, Type A, 4' D.T.I.C. R. 128 @ 1172+50± Manholes, Type A, 4' D.T.I.C. 31.4 Cu. Yds. Trench Backfill

STORM SEWERS, TYPE 2 (RCP CLASS II) 8"
Locate the existing drain tile across the road at 1180+00± and replace with Storm Sewers, Type 2 (RCP Class II) 8" Between R.O.W. lines, Est. 240 Lin. Ft. L. 125 @ 1180+00± Manholes, Type A, 4' D.T.I.C. R. 118 @ 1180+00± Manholes, Type A, 4' D.T.I.C. 9.4 Cu. Yds. Trench Backfill

TREE REMOVAL (6" TO 15" DIA.)
L. 1193+58 ± @ 11" 22 IN. DIA.

WOVEN WIRE FENCE
See Sheet 5A For Schedules

FIELD TILE NOTE
Rt. Sta. 1190+50± Construct Hdwl. Std. 935 To Existing Field Tile At Ditch. 0.8 Cu. Yds. Class X Conc. Hdwls.
Lt. Sta. 1189+00± Seal Existing Field Tile At R.O.W. Line.

STEEL PLATE BEAM GUARD RAIL
R. 1183+50± (2 End Sections) 25 Lin. Ft.
L. 1183+50± (2 End Sections) 25 Lin. Ft.
TOTAL 50 Lin. Ft.

SUBBASE-GRANULAR MATERIAL, TYPE A
1170+00 - 1182+50 (2 Lanes 26' ℄) 2468 TONS
1182+50 - 1200+00 (2 Lanes 26' ℄) 635.6 TONS
TOTAL 3103.6 TONS

STABILIZED SHOULDERS
1170+00 - 1200+00
ALT. A: CEMENT-AGGREGATE MIXTURE 9333 SQ. YD.
ALT. B: BITUMINOUS-AGGREGATE MIXTURE 9333 SQ. YD.
ALT. C: POZZOLANIC-AGGREGATE MIXTURE 9333 SQ. YD.

PAVED DITCH, 10 FEET
L. 1172+35 - 1173+00 65 Lin. Ft.

JUTE MATTING
1170+00 - 1172+55 (R. Ditch) 81 Sq. Yd.

SODDING
℄ 1171+95 - 1172+95 (Median) 300 Sq. Yd.
1173+00 - 1173+15 (L. Ditch) 17 Sq. Yd.
℄ 1193+00 - 1193+50 (Median) 150 Sq. Yd.
TOTAL 467 Sq. Yd.

EXPLORATION TRENCH, 52" DEPTH
LT. ℄ RT. 1172+25± 200 Lin. Ft.
LT. ℄ RT. 1180+00± 200 Lin. Ft.
TOTAL 400 Lin. Ft.

P.I. 1171+00
El. 689.41
V.C. 400'
X. 0.30'

Prop. Grade Line of Eastbound & Westbound Rdwy's
Exist. Ground Line

Spec. 5' Ditch R. 11.70% Grade
Spec. 5' Ditch L. +0.80% Grade
Spec. 5' Ditch R. -2.70% Grade
Spec. 5' Ditch L. +16.20% Grade
Spec. 5' Ditch L. +10.40% Grade
Spec. 5' Ditch L. +0.10% Grade
Spec. 5' Ditch L. +1.60% Grade
Spec. 5' Ditch L. +2.20% Grade

54" P.C. Type 2A
24" P.C. Type 1A

Earth Exc. 38,662
Embk. 28,608
Overhaul 23,516

Earth Exc. 36,889
Overhaul 599,400
1+00 = 125 ft.
1228+87.7

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F. A. I. ROUTE 80

PLAN & PROFILE

STA. 1170+00 TO STA. 1200+00

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

ORIGINAL SURVEY | REVISED | TRIAL | FINAL | NOTE BOOK | AREA | NO. | AREAS CHECKED

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
80	06-5	BUREAU	110	10
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

USGS DATUM
5th GA 1929

P.I. 1184+95.79 ℄ Survey
Δ=26°44.0'
D=0°30'
R=11,459.19'
T=2730.05'
L=5320.17'
E=320.72'
Super=0.01ft/ft

BM-33
¾" iron pipe approx. opp. 1210+86 and 141.3' S. of the ℄. Iron pipe set flush with ground. 1.3' E of a N.S. fence and 667.5' S. of a fence corner.
El. 714.40

BM-34
Iron reinf. rod approx. opp. 1219+00 and 234' S. of the ℄. Located in a conc. hdwl. 3.3' from the most Southerly tip 14' from ℄ R/W fence of Rte. 34 and 15.7' from the ℄ of Rte. 34.
El. 711.18

P.T. 3-1211+25.91
¾" I.P. Flush With Ground

P.O.I. 1219+90.89
(P.K. nail) F.A.I. 80=100+00' Rte. 34

P.O.T. 1220+26.20
¾" I.P. Flush With Ground

P.O.3.T. 1229+07.22
¾" I.P. Flush With Ground

P.C.6-1224+94.59
¾" I.P. Buried 14" Below Ground

BM-35A
El. 725.60
Log Screw in N. side of Tele. Pole. 1st pole W. of pole 61, 40' S. of S. rail and 9' N. of EW fence. Approx. opp. 1228+50

Existing 6" Field Tile
℄ OF SURVEY
PROP. R.O.W. LINES
IRVIN H. & PAULINE E. PHILLIPS
EMIL AND HENRY STRUNK
General Tele. Co.
Remove Super. and Attain Crown, Sta. 1210+75.91 to Sta. 1211+75.91
Appr. Slab 1218+99.55 On ℄ Westbound Lane
Remove Crown and Attain Super. Sta. 1224+44.59 to Sta. 1225+44.59. Super is Carried from Sta. 1225+44.59 to Sta. 1260+92.73.
R.O.W. & A.C.
Appr. Slab 1221+25.39 On ℄ Westbound Lane
Appr. Slab 1228+82.15 On ℄ Westbound Lane
Appr. Slab 1220+91.17 On ℄ Eastbound Lane
Appr. Slab 1227+86.11 On ℄ Eastbound Lane
Manholes, Type A, 4' D.
Manholes, Type A, 4' D.
1216+00
Const. Earth Ditch Check in Med. Ditch See Detail Sheet No. 3, 16 Cu. Yd. included in earthwork quantities
1216+00
212' P.C. Type 2A (RCP Class III) 36"
R. 104' E. 706.1' L. 108' E. 705.0 Std.
1976-D36-2 Hdwls. 3.5 Cu. Yds.
Class X Conc. Hdwls. 100 Lbs. Reinf. Bars.
Appr. Slab 1218+65.33 On ℄ Eastbound Lane
Exist. 1.7' x 3.0' Box Culvert
Bituminous Concrete Surface on P.C. Concrete
OMISSION
W.B. 1219+44.82-1220+80.72
E.B. 1219+10.00-1220+42.50
U.S. Rte. 34 Structure To Be Built Under Proj. FH-60-2(3)58, Sec. 06-5HB
Lt. 1220+34±
Std. 2059-D24-2 3.2 Cu. Yd. Class X Conc. Hdwls. 120 Lbs. Reinf. Bars. Pipe Skewed 20° Rt. Ahead. Pipe Culvert To Be Built By Others.
EMIL AND HENRY STRUNK
1221+35 150.0 Cu. Yds. Trench Backfill
Inlets, Spec. on ℄ 72' P.C. Type 2A (RCP Class III) 24" L. 15' E. 72.8 E. 72.0 L. 15' E. 72.0 L. 4' P.C. Type 2 CMCP 24", L. 119' E. 714.8 Outlet Hdwl. for CM Pipe: 1.3 Cu. Yd. Class X Conc. Hdwls. 80 Lbs. Reinf. Bars. Pipes to be connected with 24" CMCP Elbow & Conc. Collar as shown in detail sheet 4. Cost of Conc. Collar & CMCP Elbow to be included in cost per linear foot of CM-P.
OMISSION
W.B. 1229+35.79-1231+85.52
E.B. 1228+39.75-1230+80.81
C.B. & Q. R.R. Structure To Be Built Under Proj. FH-80-2(3)58, Sec. 06-5VB
Chicago, Burlington & Quincy Communication Line
1221+25
Const. Earth Ditch Check in Med. Ditch See Detail Sheet No. 3, 16 Cu. Yd. included in Earthwork quantities.
Match Line Sta. 1200+00
Match Line Sta. 1230+00
R.O.W. & A.C.
Manholes, Type A, 4' D.
Manholes, Type A, 4' D.
IRVIN H. & PAULINE E. PHILLIPS

WOVEN WIRE FENCE
See Sheet 5A
For Schedules

STORM SEWERS, TYPE 2 (RCP CLASS II) 8"
Locate the existing drain tile across the road at 1200+50± and replace with Storm Sewers, Type 2 (RCP Class II) 8" between R.O.W. lines, Est. 280 Lin. Ft. L. 135' @ 1200+50± Manholes, Type A, 4' DTIC R. 153' @ 1200+50± Manholes, Type A, 4' DTIC 9.4 Cu. Yds. Trench Backfill

STORM SEWERS, TYPE 2 (RCP CLASS III) 8"
Locate the existing drain tile across the road at 1204+75± and replace with Storm Sewers, Type 2 (RCP Class II) 6" between R.O.W. lines, Est. 276 Lin. Ft. L. 133' @ 1204+75± Manholes, Type A, 4' DTIC R. 143' @ 1204+75± Manholes, Type A, 4' DTIC 9.4 Cu. Yds. Trench Backfill

1216+01-1216+10
Inlets, Spec. on ℄ Weir El. 715.6, 10' P.C. Type 2, 24" R. 713.1 R. 707.5

EXPLORATION TRENCH	52" Depth	
L&R 1200+50±	200	Lin Ft.
L&R 1204+75±	200	Lin Ft.
TOTAL	400	Lin Ft.

TREE REMOVAL (OVER 15" DIA.)
R. 1219+10 32 IN. DIA.

STEEL PLATE BEAM GUARD RAIL
Bridge Over U.S. 34
Eastbound Lane Med. (1 End Section) 37.5 Lin. Ft.
Eastbound Lane Rt. Shoul. (1 End Section) 37.5 Lin. Ft.
Westbound Lane Med. (1 End Section) 37.5 Lin. Ft.
Westbound Lane Rt. Shoul. (1 End Section) 37.5 Lin. Ft.
Bridge Over C.B. & Q. R.R.
Eastbound Lane Med. (1 End Section) 37.5 Lin. Ft.
Eastbound Lane Rt. Shoul. (1 End Section) 37.5 Lin. Ft.
TOTAL 225.0 Lin. Ft.

JUTE MATTING

R. 1215+00-1214+00 (Ditch)	147	Sq. Yds.
L. 1216+00-1217+00 (Ditch)	147	Sq. Yds.
R. 1218+00-1219+00 (Slope)	500	Sq. Yds.
L. 1219+55-1219+90 (Slope)	96	Sq. Yds.
R. 1220+00-1220+64 (Slope)	280	Sq. Yds.
L. 1220+58-1222+00 (Ditch)	193	Sq. Yds.
TOTAL	1,363	Sq. Yds.

BRIDGE OVER U.S. Rte. 34
APPROACH SLABS 16½"×12½"
Std. 2138-1 (Method 2), Pile Cap 7.2 Cu. Yd.
Class X Conc. 476.5 Sq. Yd. P.C.C. Pav't.
33,404 Lbs. Reinf. Bars.

	PCC Pav't.	Reinf. Bars
R. 1218+65.33-1219+10	119.13 Sq. Yd.	8350 Lbs.
L. 1218+99.55-1219+44.82	119.13 Sq. Yd.	8350 Lbs.
R. 1220+46.50-1220+91.17	119.13 Sq. Yd.	8350 Lbs.
L. 1220+80.72-1221+25.39	119.13 Sq. Yd.	8350 Lbs.
TOTAL	476.52 Sq. Yd.	33400 Lbs.

BRIDGE OVER C.B. & Q. R.R.
APPROACH SLABS 16½"×12½"
Std. 2138-1 (Method 2), Pile Cap 5.1 Cu. Yd. Class X Conc. 286.3 Sq. Yd. P.C.C. Pav't. 17,502 Lbs. Reinf. Bars

	PCC Pav't.	Reinf. Bars
R. 1227+86.11-1228+39.75	143.17 Sq. Yd.	8750 Lbs.
L. 1228+82.15-1229+35.79	143.17 Sq. Yd.	8750 Lbs.
TOTAL	286.34 Sq. Yd.	17,500 Lbs.

SUB BASE-GRANULAR MATERIAL TYPE A

1200+00-1212+50	(2 Lanes 26'0.11")	4,540	TONS
1212+50-1219+27.1	(2 Lanes 26'0.6")	1,337	TONS
1220+63.6-1228+37.8	(2 Lanes 26'0.6")	1,627	TONS
TOTAL		7,504	TONS

STABILIZED SHOULDERS

1200+00-1219+27.1	5,995 SQ. YDS.
1220+63.6-1228+87.8	2,565 SQ. YDS.
TOTAL: ALT. "A" CEMENT AGGREGATE MIX	8,560 SQ. YDS.
ALT. "B" BITUMINOUS AGGREGATE MIX	8,560 SQ. YDS.
ALT. "C" POZZOLANIC AGGREGATE MIXTURE	8,560 SQ. YDS.

SODDING

R. 1219+00-1219+35 (Slope)	92	Sq. Yd.
L. 1220+45-1220+90 (Slope)	190	Sq. Yd.
℄ 1221+10-1221+85 (Median)	225	Sq. Yd.
R. 1226+00-1228+92 (Slope)	816	Sq. Yd.
L. 1227+00-1230+00 (Slope)	1913	Sq. Yd.
TOTAL	4,236	Sq. Yd.

SLOPE WALL 4" INCH

L. 1215+90-1216+08	37	Sq. Yds.
L. 1221+31-1221+39	12	Sq. Yds.
TOTAL	49	Sq. Yds.

P.I. 1211+30.77
El. 705.53
V.C. 600'
X. 1.95'

Prop. Grade Line of Eastbound & Westbound Rdwys.
Exist. Ground Line

Spec. 5' Ditch L. +1.00% Grade
Spec. 5' Ditch L. +2.30% Grade
Spec. 5' Ditch R. +2.20% Grade
Spec. 5' Ditch L. +3.10% Grade
Spec. 5' Ditch R. +0.60% Grade
Spec. 5' Ditch L. +2.00% Grade
Spec. 5' Ditch L. +0.35% Grade
Spec. 5' Ditch R. +2.10% Grade
Spec. 5' Ditch L. +3.90% Grade
Spec. 5' Ditch R. -1.90% Grade
Spec. 5' Ditch R. +0.45% Grade
24" P.C. Type 2
24" P.C. Type 2A
36" P.C. Type 2A
Bridge
Bridge

Earth Exc.	128818	Cu. Yd.	
Emb.	91056	Cu. Yd.	
Overhaul	992300	Cu. Yd. Sta.	

Earth Exc.	96	C.Y.	
Emb.	36089	C.Y.	Bridge
Haul	36889	C.Y.	
from 1189+74-1195+36			
Borrow	9880	C.Y.	

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F.A.I. ROUTE 80

PLAN & PROFILE

STA. 1200+00 TO STA. 1230+00

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
80	06-5	SUREAD	110	11
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

USGS DATUM
5th GA 1929

BM-36
3/4" iron pipe approx. opp. 1237+50 and 142.5' S. of the ℄. Iron pipe set flush with the ground. 1' E of a NS fence and 111' S of a fence corner.
El. 720.79

P.I. 1243+82.91 ℄ Survey
Δ = 36°23'53"
D = 1°00'
R = 5,729.65'
T = 1,888.32'
L = 3,648.14'
E = 303.15'
Super = 0.01 1/ft

P.I. 6 - Opposite 1243+82.91
1"x2" Stake Buried 14" Below Ground

BM-37
3/4" iron pipe approx. opp. 1254+05 and 136' S of the ℄. Iron pipe set flush with ground. 1' N of an E/W fence and 337' E of a fence corner
El. 714.80

EMIL AND HENRY STRUNK

℄ OF SURVEY
PROP. R.O.W. LINES

1250+10
Const. Earth Ditch Check in Med. Ditch
See Detail Sheet No. 3. 16 Cu. Yds. included in earthwork quantities.

GILBERT M. & NORMA I. CARLSON

1230+04.12 = ℄ C.B. & Q. R.R.
Chicago, Burlington & Quincy Communication Line
Chicago, Burlington & Quincy R.R.
R.O.W. & A.C.
March Line Sta. 1230+00
Appr. Slab 1232+39.16 On ℄ Westbound Lane
Appr. Slab 1231+34.45 On ℄ Eastbound Lane
Existing 6" Field Tile
Existing 12" Field Tile
Remove
Manholes, Type A, 4'D.
12" Pipe Underdrain
1250+00
Inlets, Spec. on ℄ 72" P.C. Type 2A (RCP Class III) 24" R. 1.5' ℄ 724.5. R. 7.4' ℄ 723.8. 42" P.C. Type 2 CMCP 24" R. 1.9' ℄ 710.5. Outlet Hdwl. for CMPipe 1.3 Cu. Yd. Class X Conc. Hdwls. 80 lbs. Reint. Bars. Pipes to be connected with 24" CMCP Elbow & Conc. Collar as shown in detail, sheet #4. Cost of Conc. Collar & CMCP Elbow to be included in cost per lineal foot of CMCP.
1257+00
58" P.C. Type 2A (RCP Class III) 24" R. 1.9' ℄ 713.3 R. 7.7' ℄ 712.4. Std. 1976-D24-2 Hdwls. 2.0 Cu. Yds. Class X Conc. Hdwls. 70 lbs. Reint. Bars.
1247+00
238' P.C. Type 3A (RCP Class III) 42" L. 1.8' ℄ 710.5 R. 12.0' ℄ 709.0 Std. 1997-D42-2 Hdwls. 6.2 Cu. Yds. Class X Conc. Hdwls. 100 lbs. Reint. Bars.

C.B. & Q. R.R. Structure To Be Built Under Proj. I-IG80-2(9)58, Sec. 06-5VB

EXPLORATION TRENCH 58" DEPTH
Lt. & Rt. 1247+25± — 200 Lin. Ft.
TOTAL 200 Lin. Ft.

WOVEN WIRE FENCE
See Sheet 5A
For Schedules

APPROACH SLABS: 16 1/2" x 12" x 16 1/2"
Std. 2138-1 (Method 2), Pile Cap 5.1 Cu. Yd.
Class X Conc. 286.3 Sq. Yd. P.C.C. Pav't.
17,502 Lbs. Reint. Bars.

	P.C.C. Pav't.	Reint. Bars
R. 1230+80.81 - 1231+34.45	143.17 Sq. Yd.	8,750 Lbs.
L. 1231+83.52 - 1232+39.16	143.17 Sq. Yd.	8,750 Lbs.
TOTAL	286.34 Sq. Yd.	17,500 Lbs.

SODDING

R. 1230+04 - 1247+00 (Slope)	14,131 Sq. Yd.
L. 1232+00 - 1247+00 (Slope)	12,100 Sq. Yd.
℄ 1249+50 - 1250+00 (Med.)	150 Sq. Yd.
℄ 1256+50 - 1257+50 (Med.)	300 Sq. Yd.
TOTAL	26,681 Sq. Yd.

STEEL PLATE BEAM GUARD RAIL
Bridge Over C.B. & Q. R.R.

Westbound Lane Med. (1 End Section)	37.5 Lin. Ft.
Westbound Lane Rt. Shoul. (1 End Section)	37.5 Lin. Ft.
TOTAL	75.0 Lin. Ft.

STORM SEWERS, TYPE 4 (RCP CLASS III) 8"
Locate the existing drain tile across the road at 1247+25± and replace with Storm Sewer, Type 2 (RCP Class III) 8" between R.O.W. lines. Est. 350 Lin. Ft. L. 173.0 @ 1247+50± Manholes, Type A, 4' DTIC
R. 178.0 @ 1247+00± Manholes, Type A, 4' DTIC
0.4 Cu. Yds. Trench Backfill

SUBBASE-GRANULAR MATERIAL, TYPE A
1231+33.2 - 1260+00 (2 Lanes 26' x 96') 5,660 TONS

JUTE MATTING
L. 1246+00 - 1247+00 (Ditch) 147 Sq. Yds.

SCOPE WALL 4 INCH

R. 1249+96 - 1250+04	12 Sq. Yds.
R. 1256+94 - 1257+06	24 Sq. Yds.
TOTAL	36 Sq. Yds.

PIPE UNDERDRAIN 12"
Rt. Sta. 1250+00 - Sta. 1260+00
1,022 Lin. Ft.

MANHOLES, TYPE A, 4' DTIC

Rt. 178'	Sta. 1250+00	1 Ea.
Rt. 123'	Sta. 1258+00	1 Ea.
TOTAL		2 Ea.

STABILIZED SHOULDERS
1231+33.2 - 1260+00
ALT. "A" CEMENT AGGREGATE MIXTURE 8,920 SQ. YD.
ALT. "B" BITUMINOUS AGGREGATE MIXTURE 8,920 SQ. YD.
ALT. "C" POZZOLANIC AGGREGATE MIXTURE 8,920 SQ. YD.

P.I. 1234+95
El. 776.46
V.C. 2400'
X = 18.00'

Prop. Grade Line of Eastbound & Westbound Roadways
Exist. Ground Line

Spec. Med. Ditch - 0.20% Grade
Spec. 5' Ditch R. - 0.40% Grade
Spec. 5' Ditch L. - 0.45% Grade
Spec. 5' Ditch R. - 1.30% Grade
Spec. 5' Ditch L. - 1.60% Grade
Spec. 5' Ditch R. - 2.00% Grade
Spec. 5' Ditch L. - 0.30% Grade
Spec. 5' Ditch R. - 0.90% Grade
Spec. 5' Ditch L. - 1.80% Grade
Spec. 5' Ditch L. - 3.00% Grade
Spec. 5' Ditch L. + 0.10% Grade
Spec. 5' Ditch R. + 0.50% Grade
Spec. 5' Ditch R. + 0.20% Grade
Spec. 5' Ditch L. + 0.20% Grade
Spec. 5' Ditch L. + 1.05% Grade
Spec. 5' Ditch R. + 0.90% Grade
24" P.C. Type 2A
42" P.C. Type 3A
P.I. 1246+95
P.I. 1254+75
El. 717.06
V.C. 600'
X = 2.50'
R. 1251+75

Earth Exc.	2,289	Cu. Yd.
Emb.	445,981	Cu. Yd.
Borrow Exc.	577,486	Cu. Yd.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F. A. I. ROUTE 80

PLAN & PROFILE

STA. 1230+00 TO STA. 1260+00

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
80	06-5	BUREAU	110	12
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

P.I. 1243+82.91 ℄ Survey
Δ=36°28'53"
D=1°00'
R=5729.65'
T=1,888.52'
L=3648.14'
E=303.15'
Super=0.01'/ft

USGS DATUM
5th GA 1929

Nail & cap in fence post. 287.65' Pt. 1261+42.73 ℄ 255.8' Hub 238.67'

Sight on lightning rod on L.R. circuit com. crb.

P.T. 6-1261+42.73
3/4" I.P. Buried 14" Below Ground

BM-38
3/4" Iron pipe approx. opp. 1267+68 and 193' S of the ℄. Iron pipe set flush with ground. 1' W of a NS fence and 255.8' N of a fence corner.
El. 721.73

Remove Super. and Attain Crown Sta. 1260+92.73 to Sta. 1261+92.73

P.C. 7-1274+54.78
3/4" IP Buried 14" Below Ground

BM-39
3/4" Iron pipe approx. opp. 1277+68 and 200' S of the ℄. Iron pipe set flush with ground. 1' W of a NS Fence and 567' N of a fence corner.
El. 725.47

Sight on ℄ Northerness top white barn

℄ OF SURVEY
PROP. R.O.W. LINES

GILBERT M. & NORMA I. CARLSON

JOSEPH MYER

P.I. 1292+58.72 ℄ Survey
Δ=17°53'05"
D=0°30'
R=11,459.19'
T=1803.14'
L=3,576.94'
E=141.0'
Super=0.01'/ft

Existing 12" Field Tile
Manholes, Type A, 4'D
Remove
Existing 6" Field Tile
8" Pipe Underdrain
Manhole, Type A, 4'D
Existing 8" Field Tile
R.O.W. & A.C.
Match Line Sta. 1260+00

Remove Crown and Attain Super. Sta. 1274+04.78 to Sta. 1275+04.78. Super. is Carried from Sta. 1275+04.78 to Sta. 1309+81.72

WOVEN WIRE FENCE
See Sheet 5A
For Schedules

Approx. location of underground Natural Gas Pipeline Co. of Illinois 1264+91.4

STORM SEWERS, TYPE 2 (RCP CLASS II) 8"
Locate the existing drain tile across the road at 1262+00± and replace with Storm Sewers, Type 2 (RCP Class II) 8" between R.O.W. lines, Est. 246 Lin. Ft. L. 118' @ 1261+50± Manholes, Type A, 4'D TIC R. 118' @ 1262+50± Manholes, Type A, 4'D TIC

8" PIPE UNDERDRAIN
Rt. Sta. 1264+50–1269+00 450 Lin. Ft.

12" PIPE UNDERDRAIN
Rt. Sta. 1260+00–1264+50 450 Lin. Ft.

STORM SEWERS, TYPE 2 (RCP CLASS II) 12"
Rt. 115' @ Sta. 1264+50– Lt. 115' @ Sta. 1266+50 306 Lin. Ft.

SUB BASE–GRANULAR MATERIAL, TYPE A
1260+00–1290+00 (2 Lanes 26 @ 6") 3922 TONS

TRENCH BACKFILL
L.B.R. 1262+00 9.4 Cu. Yds.
L.B.R. 1265+50 10.2 Cu. Yds.
TOTAL 19.6 Cu. Yds.

EXPLORATION TRENCH 52" DEPTH
Lt. & Rt. 1262+00± 200 Lin. Ft.
Rt. 1264+50± 100 Lin. Ft.
Lt. 1266+50± 100 Lin. Ft.
Rt. 1269+00± 100 Lin. Ft.
TOTAL 500 Lin. Ft.

MANHOLES, TYPE A, 4' DTIC
Rt. 118' @ STA. 1264+50 1 Ea.
Lt. 118' @ STA. 1266+50 1 Ea.
Rt. 118' @ STA. 1269+00 1 Ea.
TOTAL 3 Ea.

TRENCH BACKFILL
1264+50± 10.2 Cu. Yds.

STABILIZED SHOULDERS
1260+00–1290+00
ALT. A CEMENT AGGREGATE MIXTURE 9333 SQ. YD.
ALT. B BITUMINOUS AGGREGATE MIXTURE 9333 SQ. YD.
ALT. C POZZOLANIC AGGREGATE MIXTURE 9333 SQ. YD.

P.I. 1273+00
El. 723.09
V.C. 500'
X 0.42'

Prop. Grade Line of Eastbound & Westbound Rdwys.
Exist. Ground Line

Spec. 5' Ditch L. -0.30% Grade
Spec. 5' Ditch R. +0.90% Grade
Spec. 5' Ditch L. +0.20% Grade
Spec. Med. Ditch -0.25% Grade
Spec. 5' Ditch R. -0.20% Grade
Spec. 5' Ditch L. -0.20% Grade
Spec. 5' Ditch R. -0.35% Grade
Spec. 5' Ditch R. -1.10% Grade

+0.33%
-0.35%

Earth Exc. 18,548 Cu. Yds.
Emb. 13,729 Cu. Yds.
Overhaul 15,800 Cu. Yd. Sta's.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F. A. I. ROUTE 80

PLAN & PROFILE

STA. 1260+00 TO STA. 1290+00

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

ORIGINAL SURVEY | DRAWN | TRACED | CHECKED | NOTE BOOK NO. | AREA | AREA CHECKED | DATE
FINAL SURVEY | PLOTTED | TRACED | CHECKED | NOTE BOOK NO. | AREA | AREA CHECKED

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
80	06-5	BUREAU	110	13
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

SEC. 06-5 ENDS STA. 1320+00

a point near the SW corner of the NE¼ Sec. 1, T16N, R9E of the 4th PM

BM-40 El. 712.98
2"×2" ⊓ cut approx. opp. 1291+37 and 179' S of the ℄. ⊓ cut in conc. sleeve for 10" drain tile located 26.6' W of the ℄ of gravel rd. and 8.6' E of W fence line at R/W 334' S of a fence corner.

USGS DATUM
5th GA 1929

BM-41 El. 706.70
¾" iron pipe approx. opp. 1304+71 and 255' S of ℄. Iron pipe is set flush with ground, 0.9' W of a NS fence and 276.7' S of an EW fence.

(Nail & cap in fence post 20.6' S 43.04')
Set ⊓ Mon. take on top of white barn
P.T. 7-1310+31.72
¾" I.P. Buried 14" Below Ground

BM-42 El. 703.19
¾" iron pipe approx. opp. 1317+92 and 250' S of ℄. Iron pipe is set flush with ground, 1.3' W of a NS fence and 267.5' S of an EW fence.

Nail & cap in P.P.
Nail & cap in fence post
P.I. ¾" I.P. 1292+57.92 71.41' N
Nail & cap
Nail 1292+43.25 Mid-point
P.I. Opp. 1292+43.25 ¾"×1" P. Buried 14" Below Ground

1298+00
66' P.C. Type 2A (RCP Class III) 42" L 78'
E 707.1 L 12' E 706.7
70' P.C. Type 2A (RCP Class III) 42" R 10' E 706.6
R 80' E 706.2 Std. 1997-
D 42-2 Hdwls. 12.4 Cu. Yds.
Class X Conc. 800 Lbs. Reinf. Bars

℄ OF SURVEY
PROP. R.O.W. LINES

LEWIS H. MERCER, EDNA MAE MERCER BRADLEY & VIOLA MERCER CICERO LOPEZ

Remove Super. and Attain Crown Sta. 1309+81.72 to Sta. 1310+81.72

Permanent Bench "D" 113' Lt. 1317+00. El. to be determined by the Engineer.

Existing 6" Field Tile

JOSEPH MYER

MARTHA HUSSER

BERTHA BRACKEN

R.O.W. & A.C.

SIGN 2153-2-1

Exist. 8" Field Tile

Manholes Type A, 4' D.

1298+10
Const. Earth Ditch Check in Med Ditch See Detail Sheet No. 3, 16 Cu. Yds. included in earthwork quantities.

1316+10
Const. Earth Ditch Check in Med. Ditch See Detail Sheet No. 3, 16 Cu. Yds. included in earthwork quantities.

1316+00
58' P.C. Type 2A (RCP Class III) 24" R 18' E 703.5
R 76' E 702.5 Std. 1976-
D 24-2 Hdwls. 2.0 Cu. Yds.
Class X Conc. Hdwls. 70 Lbs. Reinf. Bars 7.2 Cu. Yds. Trench Backfill

Steel Plate Beam Guard Rail (2 Panels)

General Tele. Co.

Illinois Valley Elec. Co-Op. Inc.

Earth & Rock Run around

LEWIS H. MERCER, EDNA MAE MERCER BRADLEY & VIOLA MERCER CICERO LOPEZ

SLOPE WALL 4 INCH
R. 1315+94—1316+06 23 Sq. Yds.

EXPLORATION TRENCH 52" DEPTH

Lt. & Rt. 1297+25±	200	Lin. Ft.
Lt. & Rt. 1314+00±	200	Lin. Ft.
TOTAL	400	Lin. Ft.

P.I. 1292+58.72 ℄ Survey
Δ = 17°53'05"
D = 0°30'
R = 11459.19'
T = 1805.14'
L = 3,576.04'
E = 141.0'
Super = 0.01'/ft

STEEL PLATE BEAM GUARD RAIL

R. 1292+00± (2 End Sections)	25 Lin. Ft.
L. 1298+00± (2 End Sections)	25 Lin. Ft.
TOTAL	50 Lin. Ft.

STORM SEWERS, TYPE 2 (RCP CLASS II) 8"
Locate the existing drain tile across the road at 1297+25± and replace with Storm Sewers, Type 2 (RCP Class II) 8" between R.O.W. lines, Est. 300 Lin. Ft. L. 118' @ 1296+25± Manholes, Type A, 4' DTIC R. 120' @ 1298+00± Manholes, Type A, 4' DTIC. 9.4 Cu. Yds. Trench Backfill

SUB BASE - GRANULAR MATERIAL, TYPE A

1290+00 - 1301+00 (2 Lanes 26' @ 6")	2,171	TONS
1301+00 - 1305+50 (2 Lanes 26' @ 9")	1,333	TONS
1305+50 - 1319+00 (2 Lanes 26' @ 6")	2,665	TONS
1319+00 - 1320+00 (2 Lanes 26' @ 9")	296	TONS
TOTAL	6,465	TONS

WOVEN WIRE FENCE
See Sheet 5A For Schedules

STORM SEWERS, TYPE 2 (RCP CLASS II) 8"
Locate the existing drain tile across the road at 1314+00± and replace with Storm Sewers, Type 2 (RCP Class II) 8" between R.O.W. lines, Est. 230 Lin. Ft. L. 118' @ 1313+75± Manholes, Type A, 4' DTIC R. 118' @ 1314+25± Manholes, Type A, 4' DTIC. 11.4 Cu. Yds. Trench Backfill

P.O.T. 1318+08.21
3/4" I.P. Flush With Ground

STABILIZED SHOULDERS
1290+00 - 1320+00

ALT. "A" CEMENT AGGREGATE MIXTURE	9,333	SQ. YDS.
ALT. "B" BITUMINOUS AGGREGATE MIXTURE	9,333	SQ. YDS.
ALT. "C" POZZOLANIC AGGREGATE MIXTURE	9,333	SQ. YDS.

SODDING

1297+50 - 1298+00 (Median)	150	Sq. Yd.
1315+50 - 1316+00 (Median)	150	Sq. Yd.
TOTAL	300	Sq. Yd.

Spec. 5' Ditch L. +1.70% Grade
Spec. 5' Ditch L. +0.20% Grade
Spec. 5' Ditch L. -0.20% Grade
Prop. Grade Line of Eastbound & Westbound Rdwy's.
Exist. Ground Line
EMBANKMENT TO BE PLACED BY CONTRACTOR FOR SEC. 06-6 AS SHOWN ON CROSS SECTIONS
24" P.C. Type 2A
-0.35%
Spec. 5' Ditch R. -0.35% Grade
Spec. 5' Ditch R. -1.48% Grade
Spec. 5' Ditch R. -0.30% Grade
Spec. 5' Ditch R. +0.60% Grade
Spec. 5' Ditch R. +0.20% Grade
Spec. 5' Ditch R. -1.10% Grade
Spec. 5' Ditch R. -0.20% Grade
Spec. 5' Ditch R. -0.70% Grade
Spec. 5' Ditch R. -0.20% Grade

Earth Exc. 28,845 Cu. Yds.
Emb. 22,087 Cu. Yds.
Overhaul 111,900 Cu. Yd. Sta.

Earth Exc. 1002 Cu. Yds.
Emb. 742 Cu. Yds.

Earth Exc. 4,950 Cu. Yds.
Emb. 3,667 Cu. Yds.

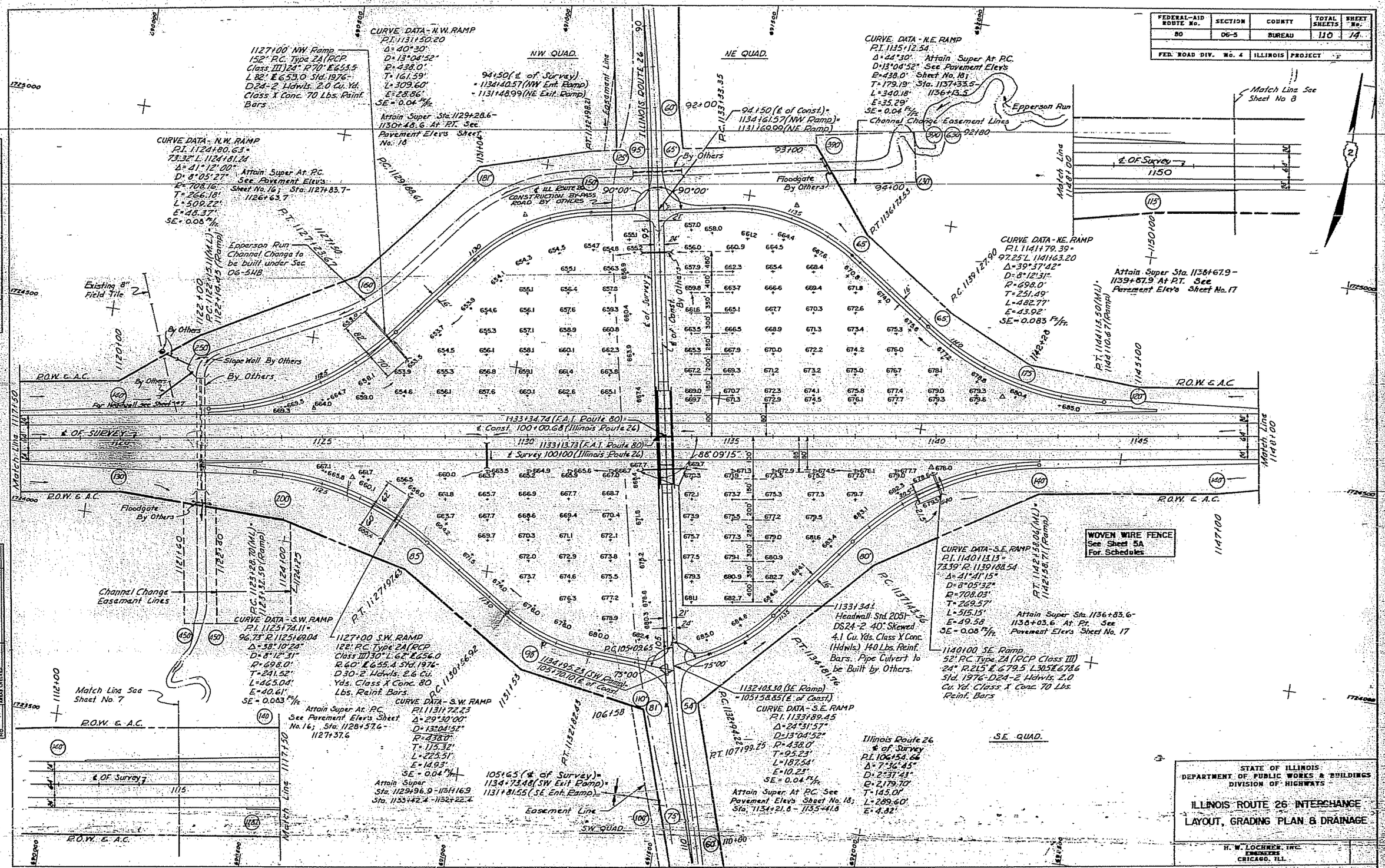
Earth Exc. 3,598 Cu. Yds.
Borrow Exc. 772 Cu. Yds.
Emb. 3,237 Cu. Yds.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F. A. I. ROUTE 80

PLAN & PROFILE

STA. 1290+00 TO STA. 1320+00

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
80	06-5	BUREAU	110	14
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT