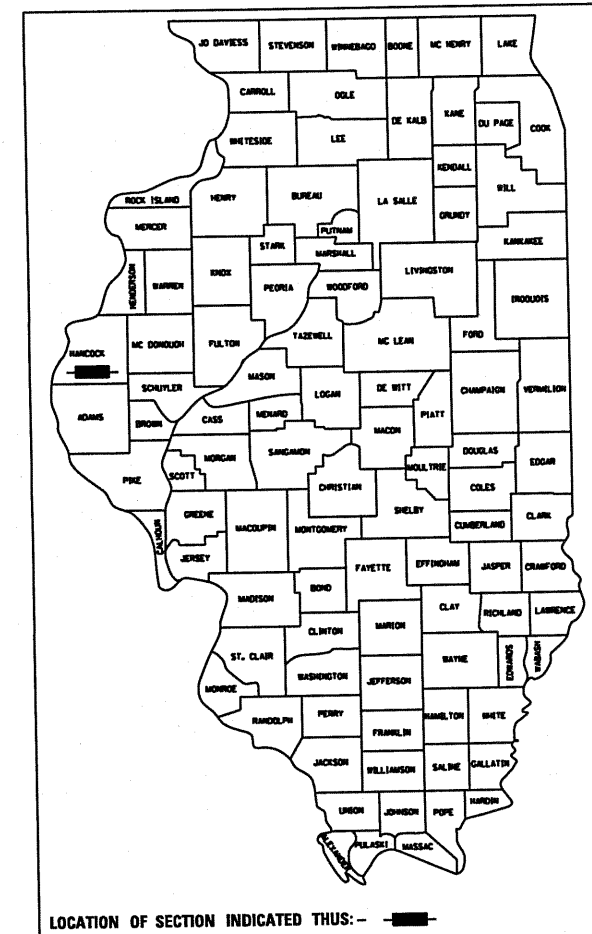


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N, TS	HANCOCK	78	1

CONTRACT 72775

D-96-509-03



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

THE INTERSECTION OF
FAP ROUTE 315 (US 136 / BUCHANAN STREET) AND
FAP ROUTE 514 (IL 94 / MADISON STREET)
SECTION (28)N,TS
PROJECT: ACNHF-0005 (B28)
HANCOCK COUNTY
C96-504-09

INDEX OF SHEETS

DESCRIPTION	SHEET NO.
COVER SHEET	1
GENERAL NOTES AND COMMITMENTS	2
SUMMARY OF QUANTITIES	3-11
SCHEDULE OF QUANTITIES	12-16
TYPICAL SECTIONS	17-18
HORIZONTAL CONTROL	19
PLAN & PROFILE SHEETS	20-22
RIGHT-OF-WAY PLANS	23
INTERSECTION GEOMETRICS	24
INTERSECTION ELEVATIONS	25
PAVEMENT MARKINGS	26-28
TRAFFIC SIGNAL DETAIL SHEETS	29-33
STRUCTURAL DETAILS - CONCRETE MANHOLE	34
STRUCTURAL DETAILS - INLETS	35
JOINT DETAILS	36
DETAILS FOR URBAN ENTRANCE IN CURB AND GUTTER SECTION	37
CROSS SECTIONS - FAP 315 (US 136 / BUCHANAN ST.)	38-63
CROSS SECTIONS - FAP 514 (MADISON STREET)	64-78

STANDARDS

000001-05	701801-04
280001-05	701901-01
424001-05	780001-02
602301-02	781001-03
602401-02	805001-01
602406-03	814001-02
602701-02	857001-01
604001-03	877001-04
604036-02	878001-08
606001-04	880006-01
701301-03	701502-03
701311-03	BLR-21-B
701501-05	
701502-03	
701701-06	

DESIGN DESIGNATIONS

FAP 315 - WEST LEG
ADT - 7000(03), 8900(25)

FAP 315 - EAST LEG
ADT - 6700(03), 8700(25)

MADISON STREET - SOUTH LEG
ADT 5900(25)

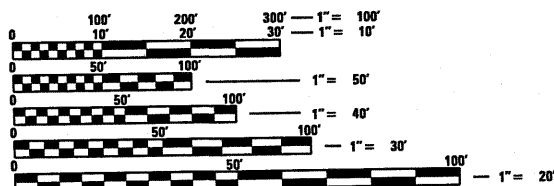
FAP 514 - NORTH LEG
ADT - 3150(03), 4600(25)

30 MPH DESIGN SPEED

STA 74+60.84 TO STA 81+86.33 - 725.49 FEET
STA 652+68.53 TO STA 655+78.21 - 309.68 FEET
NET LENGTH - 1,035.17 FEET = 0.196 MILES

HIGHWAY CLASSIFICATION

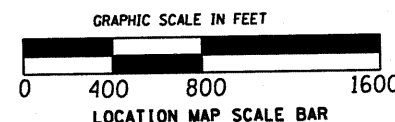
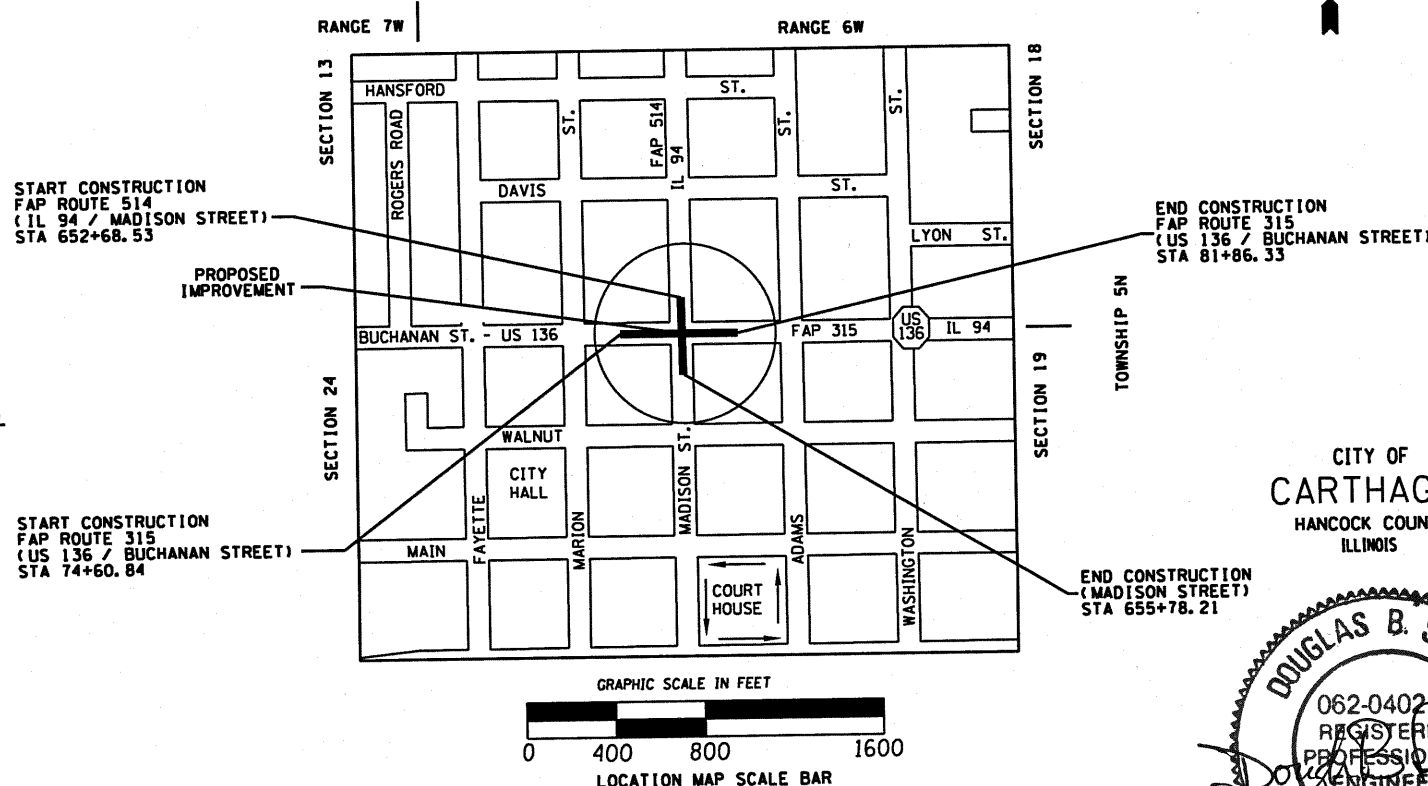
FAP 315/US136/ILL94/BUCHANAN STREET - OTHER PRINCIPAL ARTERIAL
FAP 514/ILL 94/MADISON STREET - MINOR ARTERIAL
FAP 315/US136/ILL94 - CLASS II TRUCK ROUTE
FAP 514/ILL94(N) - CLASS III TRUCK ROUTE
PV: EAST-84.3% WEST-88.5% NORTH-91.3%
SU: EAST-11.2% WEST-7.9% NORTH-6.5%
MU: EAST-4.5% WEST-3.6% NORTH-2.2%



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

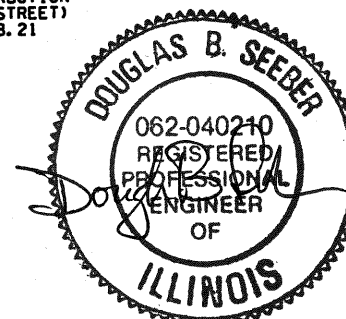
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

CONTRACT NO. 72775



GROSS LENGTH OF IMPROVEMENT - 1,035.17 FEET = 0.196 MILES
NET LENGTH OF IMPROVEMENT - 1,035.17 FEET = 0.196 MILES

CITY OF
CARTHAGE
HANCOCK COUNTY
ILLINOIS



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 27, 2010
Regis E. D... Deputy Director of Highways - Region Four Engineer
October 1, 2010
Scott E. Stett, P.E. Acting Engineer of Design and Environment
October 1, 2010
Christine M. Reed, Director, Division of Highways

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

LICENSE EXPIRES NOVEMBER 30, 2011

PROJECT ENGINEER: JOHN NEGANCARDI: 217-782-6990
SR. TEAM ENGINEER: MARK DUSTI: 217-785-0597

PLANS PREPARED BY:

PSBA

POEPPING, STONE, BACH & ASSOCIATES, INC.
100 SOUTH 54TH STREET QUINCY, ILLINOIS 62306
PH: (217) 223-4605 FAX: (217) 223-1546
E-MAIL: PSBA@PSBA.COM WWW.PSBA.COM

Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	2
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT 72775

GENERAL NOTES

- THICKNESS OF RESURFACING:
THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. NGVD 1929 DATUM.

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS, ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- ALL STATION REFERENCES ARE TO THE ROADWAY CENTERLINE OR BASELINE.
- IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- STORM SEWER, WATER MAIN REQUIREMENT IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN IS LESS THAN 1.5 FEET ABOVE THE STORM SEWER CROWN.
- STORM SEWER, WATER MAIN REQUIREMENT IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT ABOVE THE TOP OF THE SEWER.
- MIXTURE REQUIREMENTS
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

MIXTURE USE(S)	BIT CONC SURF CRSE 1 1/2"	LEVEL BINDER 1" (min)
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5
FRICTION AGGREGATE	MIX D	NA

COMMITMENTS

- THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND ALLOW IMPROVEMENTS IN THE DESIGN FOR FUTURE PROJECTS.
- AGREEMENT WITH THE CITY OF CARTHAGE.
- CONTRACTOR SHALL SALVAGE FOR THE CITY OF CARTHAGE THE 4-WAY TRAFFIC SIGNAL FLASHER AND CONTROL BOX.

RATES OF APPLICATION TABLE

THE FOLLOWING APPLICATION RATES HAVE BEEN USED TO DETERMINE PLAN QUANTITIES:

BITUMINOUS MATERIALS PRIME COAT	0.00038 TON/SQ YD
PAVEMENT	0.001425 TON/SQ YD
AGGREGATE	0.002 TON/SQ YD
AGGREGATE PRIME COAT	112 LB/SQ YD/1"
BITUMINOUS CONCRETE	2.05 TON/CU YD
AGGREGATE SHOULDER & SURFACES	90 LB/ACRE
NITROGEN FERTILIZER NUTRIENTS	90 LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENTS	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENTS	2 TONS/ACRE
AGRICULTURAL GROUND LIMESTONE	2 TONS/ACRE
MULCH, METHOD 1	1.75 TONS/CU YD
RIPRAP	

DISTRICT SIX	
EXAMINED	<i>C. J. Walsh</i> 8/26 20 10
OPERATIONS ENGINEER	
EXAMINED	<i>Kenny Jones</i> August 26 20 10
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED	<i>JRM</i> August 17 20 10
PROGRAM DEVELOPMENT ENGINEER	

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION GENERAL NOTES AND COMMITMENTS
NAME	DATE	
		INTERSECTION OF FAP 315 (US 136) AND FAP 514 (IL 94) SECTION (28)N,TS HANCOCK COUNTY
SCALE: VERT. NONE DATE: MAY, 2010		DRAWN BY DJK CHECKED BY DBS

Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	3
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE	
			0004 80% FEDERAL 20% STATE	0021 80% FEDERAL 15% STATE 5% CITY
20200100	EARTH EXCAVATION	CU YD	190.0	190.0
20800150	TRENCH BACKFILL	CU YD	62.0	62.0
25000200	SEEDING, CLASS 2	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	21.0	21.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	21.0	21.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	21.0	21.0
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.5	0.5
25100125	MULCH, METHOD 3	ACRE	0.25	0.25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	25.0	25.0
28000500	INLET AND PIPE PROTECTION	EACH	1.0	1.0
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	179.0	179.0
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	496.0	496.0
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	1.7	1.7
40600300	AGGREGATE (PRIME COAT)	TON	9.0	9.0
*	SEE SPECIAL PROVISIONS			

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 1 OF 9
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY

SCALE: VERT. NONE
HORIZ. NONE
DATE: MAY, 2010

DRAWN BY DJK
CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	4
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE	
			0004 80% FEDERAL 20% STATE	0021 80% FEDERAL 15% STATE 5% CITY
40600635	TON	264	264	
40600895	EACH	1.0	1.0	
40600982	SO YD	153.0	153.0	
40600990	SO YD	975.0	975.0	
40603340	TON	377.0	377.0	
40201000	TON	50.0	50.0	
42300200	SO YD	8.0	8.0	
42300400	SO YD	730	730	
42400100	SO FT	2,776.0	2,776.0	
42400800	SO FT	64	64	
44000100	SO YD	324	324	
x4401198	SO YD	4,220.0	4,220.0	
44000200	SO YD	979	979	
44000500	FOOT	1,458.0	1,458.0	
44000600	SO FT	2030	2030	
*	SEE SPECIAL PROVISIONS			

Rev.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 2 OF 9
FAP 315 (IUS 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY
SCALE: VERT. NONE
 HORIZ. NONE
DATE: MAY, 2010
DRAWN BY DJK
CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	5
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

	ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE	
				0004 80% FEDERAL 20% STATE	0021 80% FEDERAL 15% STATE 5% CITY
44201349	CLASS C PATCHES, TYPE 1, 10 INCH	SQ YD	7.0	7.0	
44201353	CLASS C PATCHES, TYPE 2, 10 INCH	SQ YD	185.0	185.0	
44201357	CLASS C PATCHES, TYPE 3, 10 INCH	SQ YD	160.0	160.0	
44201359	CLASS C PATCHES, TYPE 4, 10 INCH	SQ YD	393.0	393.0	
550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	132.0	132.0	
550A0070	STORM SEWERS, CLASS A, TYPE 1, 15"	FOOT	81.0	81.0	
55100300	STORM SEWER REMOVAL 8"	FOOT	11.0	11.0	
55100500	STORM SEWER REMOVAL 12"	FOOT	10.0	10.0	
55100700	STORM SEWER REMOVAL 15"	FOOT	243.0	243.0	
55100900	STORM SEWER REMOVAL 18"	FOOT	4.0	4.0	
55101600	STORM SEWER REMOVAL 36"	FOOT	9.0	9.0	
56500300 *	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	1.0	1.0	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	39.0	39.0	
60224600 *	RESTRICTED DEPTH MANHOLES, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2.0	2.0	
*	SEE SPECIAL PROVISIONS				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 3 OF 9
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY
SCALE: VERT. NONE
HORIZ. NONE
DATE : MAY, 2010
DRAWN BY DJK
CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	6
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE	
			0004 80% FEDERAL 20% STATE	0021 80% FEDERAL 15% STATE 5% CITY
60225400 • RESTRICTED DEPTH MANHOLES, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2.0	2.0	
60228600 • MANHOLES, SPECIAL WITH TYPE 1 FRAME, CLOSED LID	EACH	1.0	1.0	
60235300 INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	2.0	2.0	
60235700 INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1.0	1.0	
60236510 INLETS, TYPE A, TYPE 8 GRATE (36" DEPTH)	EACH	1.0	1.0	
60242820 • INLETS, SPECIAL, TYPE E	EACH	6.0	6.0	
60242900 • INLETS, SPECIAL, TYPE 1	EACH	1.0	1.0	
60255500 MANHOLES TO BE ADJUSTED	EACH	1.0	1.0	
60300305 FRAMES AND LIDS TO BE ADJUSTED	EACH	2.0	2.0	
60500060 REMOVING INLETS	EACH	6.0	6.0	
60600605 CONCRETE CURB, TYPE B	FOOT	176.0	176.0	
60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1602	1602	
60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	10.0	10.0	
61100500 EXPLORATION TRENCH 52" DEPTH	FOOT	25.0	25.0	
* SEE SPECIAL PROVISIONS				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 4 OF 9
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY

SCALE: VERT. NONE
HORIZ. NONE
DATE : MAY, 2010

DRAWN BY DJK
CHECKED BY DBS

Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	7
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE	
			0004 80% FEDERAL 20% STATE	0021 80% FEDERAL 15% STATE 5% CITY
▲ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	15.0	15.0
▲ 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1.0	1.0
▲ 66900510	BETX - PNAS SOIL ANALYSIS	EACH	4.0	4.0
▲ 66900530	SOIL DISPOSAL ANALYSIS	EACH	2.0	2.0
▲ 66900555	PRIORITY POLLUTANTS METALS AND PH SOIL ANALYSIS	EACH	4.0	4.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8.0	8.0
67100100	MOBILIZATION	L SUM	1.0	1.0
70101830 •	TRAFFIC CONTROL AND PROTECTION, BLR 21	L SUM	1.0	1.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	1.0
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.0	1.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	1.0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1.0	1.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15.0	15.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	468.0	468.0
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	2105.0	2105.0

* SEE SPECIAL PROVISIONS
▲ Specialty Items

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 5 OF 9
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY
SCALE: VERT. NONE DRAWN BY DJK
 HORIZ. CHECKED BY OBS
DATE: MAY, 2010

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N.TS	HANCOCK	78	8
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE	
			0004 80% FEDERAL 20% STATE	0021 80% FEDERAL 15% STATE 5% CITY
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	103.0	103.0
70301000	WORKZONE PAVEMENT MARKING REMOVAL	SQ FT	66.0	66.0
72000100	SIGN PANEL - TYPE 1	SQ FT	28.0	28.0
78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	120.0	120.0
78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	1822.0	1822.0
78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	719.0	719.0
78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	104.0	104.0
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	51.0	51.0
80500100	SERVICE INSTALLATION, TYPE A	EACH	1.0	1.0
81012200	CONDUIT IN TRENCH, 3/4" DIA., PVC	FOOT	38.0	38.0
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	102.5	102.5
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	67.0	67.0
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	26.5	26.5
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	20.0	20.0
81021540	CONDUIT, AUGERED, 1 1/2" DIA., PVC	FOOT	31.5	31.5
81021570	CONDUIT, AUGERED, 3" DIA., PVC	FOOT	154.0	154.0
81021590	CONDUIT, AUGERED, 4" DIA., PVC	FOOT	79.0	79.0

* SEE SPECIAL PROVISIONS

Δ Specialty Items

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 6 OF 9
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N.TS
HANCOCK COUNTY

VERT. NONE
SCALE: HORIZ.
DATE: MAY, 2010
DRAWN BY DJK
CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	9
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE	
			0004 80% FEDERAL 20% STATE	0021 80% FEDERAL 15% STATE 5% CITY
81306100	JUNCTION BOX (SPECIAL)	EACH	4.0	4.0
81400100	HANDHOLE	EACH	3.0	3.0
81400300	DOUBLE HANDHOLE	EACH	1.0	1.0
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	254.0	254.0
82104250	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	4.0	4.0
83057120	LIGHT POLE, WOOD, 25 FOOT, CLASS 4	EACH	1.0	1.0
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1.0	1.0
△ 85900100	TRANSCEIVER	EACH	1.0	1.0
86000100	MASTER CONTROLLER	EACH	1.0	1.0
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2 C	FOOT	285.0	285.0
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3 C	FOOT	713.0	713.0
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5 C	FOOT	1255.0	1255.0
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7 C	FOOT	371.0	371.0
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9 C	FOOT	410.5	410.5
87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12 C	FOOT	152.0	152.0

* SEE SPECIAL PROVISIONS

△ SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 7 OF 9
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY
SCALE: VERT. NONE
HORIZ. NONE
DATE: MAY, 2010
DRAWN BY DJK
CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	10
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE	
			0004 80% FEDERAL 20% STATE	0021 80% FEDERAL 15% STATE 5% CITY
87301515	FOOT	270.0		270.0
87301525	FOOT	307.0		307.0
87301815	FOOT	35.0		35.0
87502680	EACH	2.0		2.0
87502700	EACH	1.0		1.0
87704080	EACH	1.0		1.0
8770.4140	EACH	1.0		1.0
87800100	FOOT	9.0		9.0
87800200	FOOT	3.0		3.0
87800415	FOOT	46.0		46.0
88040070	EACH	3.0		3.0
88040090	EACH	9.0		9.0
88040120	EACH	9.0		9.0
88040160	EACH	2.0		2.0
88040250	EACH	2.0		2.0

* SEE SPECIAL PROVISIONS

Δ Specialty Items

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 8 OF 9
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY
SCALE: VERT. NONE
HORIZ. NONE
DATE: MAY, 2010
DRAWN BY DJK
CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N.TS	HANCOCK	78	11
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE	
			0004 80% FEDERAL 20% STATE	0021 80% FEDERAL 15% STATE 5% CITY
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1.0	1.0
88040330	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1.0	1.0
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0	2.0
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	3.0	3.0
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	9.0	9.0
88500100	INDUCTIVE LOOP DETECTOR	EACH	12.0	12.0
88600100	DETECTOR LOOP, TYPE I	FOOT	1697.0	1697.0
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8.0	8.0
	TWIN TENON, STEEL	EACH	2.0	2.0
X0323200 *	SANITARY SEWER, DUCTILE IRON, 12"	FOOT	8.0	8.0
X0839900 *	SANITARY SEWER REMOVAL 6"	FOOT	10.0	10.0
X0326713 *	SANITARY SEWER CONNECTION	EACH	2.0	2.0
Δ 81702450 *	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	359.5	359.5
Z0056610 *	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	218.0	217.0
Z0056800 *	SANITARY SEWER 6"	FOOT	10.0	10.0
	* SEE SPECIAL PROVISIONS			

Δ SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 9 OF 9
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N.TS
HANCOCK COUNTY
SCALE: VERT. NONE
HORIZ. NONE
DATE: MAY, 2010
DRAWN BY DJK
CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	12
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EARTH EXCAVATION

STATION TO STATION	EARTH EXCAVATION	EARTH EXCAV ADJUSTED FOR SHRINKAGE (EXCV. X 0.75)	EMBANKMENT	BALANCE WASTE (+) BORROW (-)
	CU YD		CU YD	CU YD
FAP 315 (US 136/BUCHANAN)				
STA 74+60.84 TO STA 81+86.33	120.3	90.2	8.2	82.0
FAP 514 (ILL 94/MADISON)				
STA 652+68.53 TO STA 655+78.21	66.0	49.5	14.7	34.8
CE'S TO BE ABANDONED/RELOCATED				
CE STA 653+85.50 LT			27.3	(27.3)
CE STA 655+00.00 LT			23.0	(23.0)
CE STA 655+09.74 RT			16.7	(16.7)
TOTAL	186.3	139.7	89.9	49.8
USE	190.0			

NOTE: A 25% SHRINKAGE FACTOR WAS USED TO DETERMINE ANY WASTE OR BORROW QUANTITY.

SUBBASE GRANULAR MATERIAL, TYPE B

LOCATION	LENGTH	WIDTH	AREA	SUB GRAN MAT. TY B
	FOOT	FOOT	SO YD	TON
NW CORNER - UNDER				
B-6.12 CURB & GUTTER	477.3	2	106.1	24.2
PCC BASE COURSE WIDENING	VARIES	VARIES	134.6	30.7
NE CORNER - UNDER				
B-6.12 CURB & GUTTER	320.8	2	71.3	16.2
PCC BASE COURSE WIDENING	VARIES	VARIES	120.4	27.4
SE CORNER - UNDER				
B-6.12 CURB & GUTTER	288.6	2	64.1	14.6
PCC BASE COURSE WIDENING	VARIES	VARIES	100.9	23.0
SW CORNER - UNDER				
B-6.12 CURB & GUTTER	434.8	2	96.6	22.0
PCC BASE COURSE WIDENING	VARIES	VARIES	80.5	18.3
PARKING LOT - NW CORNER				
B-6.12 CURB & GUTTER	39.3	2	8.7	2.0
TOTAL				178.4
USE				179

HOT-MIX ASPHALT SURFACE REMOVAL (BUTT JOINT)

LOCATION	A	B	WIDTH	AREA
			FOOT	SO YD
FAP 315 (US 136/BUCHANAN)	74+60.84	74+70.64	38.0	42.2
FAP 315 (US 136/BUCHANAN)	81+76.33	81+86.33	38.0	42.2
FAP 514 (IL 94/MADISON)	652+68.53	652+78.53	34.4	38.2
MADISON (SOUTH)	655+68.21	655+78.21	27.1	30.1
TOTALS				152.7
USE				153

SEEDING, FERTILIZING, MULCHING

LOCATION	SEEDING CLASS 2	TEMP EROS CTRL SEED	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL LIMESTONE	MULCH METHOD 3
	ACRE	LB	LB	LB	LB	TON	ACRE
NW CORNER	0.07	7.0	6.3	6.3	6.3	0.14	0.07
NE CORNER	0.05	5.0	4.5	4.5	4.5	0.10	0.05
SE CORNER	0.04	4.0	3.6	3.6	3.6	0.08	0.04
SW CORNER	0.07	7.0	6.3	6.3	6.3	0.14	0.07
TOTAL	0.24	24.0	20.7	20.7	20.7	0.46	0.24
USE	0.25	25.0	21.0	21.0	21.0	0.50	0.25

PAVEMENT REMOVAL

LOCATION	LENGTH	WIDTH	AREA
	FOOT	FOOT	SO YD
NW CORNER			
FAP 514 - STA. 652+68.53 TO STA. 653+63.99	95.5	1	10.6
AROUND RADIUS	86.5	1	9.6
FAP 315 - STA. 74+60.84 TO STA. 75+12.43	51.6	1	5.7
FAP 315 - STA. 75+49.07 TO STA. 76+17.64	68.6	1	7.6
FAP 315 - STA. 76+79.24 TO STA. 77+68.33	89.1	1	9.9
PARKING LOT AT CORNER	VARIES	VARIES	11.6
NE CORNER			
FAP 514 - STA. 652+68.53 TO STA. 653+65.10	96.6	1	10.7
AROUND RADIUS	110.4	1	12.3
FAP 315 - STA. 78+74.00 TO STA. 80+36.58	162.6	1	18.1
PARKING LOT AT CORNER	VARIES	VARIES	27.1
CE AT STA. 79+23.2 LT	43.6	5.3	25.7
CE AT STA 80+09.10 LT	43.3	2.7	13.0
SE CORNER			
ON MADISON - STA. 653+13.46 TO STA. 655+27.18	13.7	1	1.5
AROUND RADIUS	64.8	1	7.2
FAP 315 - STA. 78+74.00 TO STA. 80+96.18	222.2	1	24.7
PARKING LOT AT CORNER	VARIES	VARIES	13.6
CE AT STA 79+89.70 RT	48.4	VARIES	31.7
SW CORNER			
ON MADISON - STA. 655+35.00 TO STA. 655+78.21	51.0	1	5.7
AROUND RADIUS	95.4	1	10.6
FAP 315 - STA. 74+60.84 TO STA. 75+13.20	52.4	1	5.8
FAP 315 - STA. 75+61.66 TO STA. 77+66.91	205.3	1	22.8
CENTER OF INTERSECTION			
654+25 - 40.25' LT - MH			6.0
654+75 - 33.6' LT - MH			6.0
654+75 - 7' RT - MH	10	10	11.1
654+75 - 33.25' RT - MH			6.0
654+12.5 - 31.5' RT - MH			6.0
TOTAL			323.9
USE			324

INLET AND PIPE PROTECTION

LOCATION	SIDE	EACH
STA 654+00	61' RT	1
TOTAL		1

HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)

LOCATION	HOT-MIX ASPHALT REMOVAL 2-1/2" & VARIES
	SO YD
FAP 315 (US 136/BUCHANAN STREET)	3080
FAP 514 (IL 94/MADISON STREET) NORTH LEG	738
(MADISON STREET) SOUTH LEG	402
TOTALS	4220

COMBINATION CURB AND GUTTER REMOVAL

Station to Station	CURB & GUTTER REMOVAL (FT)
NW CORNER	
FAP 514 - STA. 652+68.53 TO STA. 653+63.99	95.5
AROUND RADIUS	86.5
FAP 315 - STA. 74+60.84 TO STA. 75+12.43	51.6
FAP 315 - STA. 75+49.07 TO STA. 76+17.64	68.6
FAP 315 - STA. 76+79.24 TO STA. 77+68.33	89.1
NE CORNER	
FAP 514 - STA. 652+68.53 TO STA. 653+65.10	96.6
AROUND RADIUS	110.4
FAP 315 - STA. 78+74.00 TO STA. 80+36.58	162.6
SE CORNER	
ON MADISON - STA. 655+13.46 TO STA. 655+27.18	13.7
AROUND RADIUS	64.8
FAP 315 - STA. 78+74.00 TO STA. 80+96.18	222.2
SW CORNER	
ON MADISON - STA. 655+35.00 TO STA. 655+78.21	43.2
AROUND RADIUS	95.4
FAP 315 - STA. 74+60.84 TO STA. 75+13.20	52.4
FAP 315 - STA. 75+61.66 TO STA. 77+66.91	205.3
TOTAL	1457.9
USE	1458

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF QUANTITIES
NAME	DATE	
		SHEET 1 OF 5 FAP 315 (US 136) AND FAP 514 (IL 94) SECTION (28)N,TS HANCOCK COUNTY VERT. NONE SCALE: HORIZ. DATE: MAY, 2010 DRAWN BY DJK CHECKED BY DBS

F.A.P. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	13
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH

STREET	BEGIN STA.	OFFSET	END STA.	OFFSET	WIDTH (LF)	LENGTH (LF)	PCC SIDEWALK (SF)	
NW CORNER								
MADISON	653+97.25	48.8 RT	654+03.74	48.8 RT	4	6.5	26.0	
AROUND RADIUS						VARIES	VARIES	93.9
BUCHANAN	75+62.29	28.7 LT	75+68.88	29.0 LT	4	6	24.0	
BUCHANAN	75+83.22	29.0 LT	75+89.75	28.1 LT	4	6	24.0	
BUCHANAN	77+26.74	28.5 LT	77+55.29	34.6 LT	4	29.2	116.8	
BUCHANAN	77+55.29	34.6 LT	77+69.70	43.2 LT	4	16.8	67.2	
BUCHANAN	77+69.70	43.2 LT	77+74.81	43.2 LT	5	5.1	25.5	
NE CORNER								
MADISON	652+82.23	45.8 LT	652+97.00	45.9 LT	4	13.8	55.2	
MADISON	653+32.0	45.5 LT	654+03.32	45.5 LT	5	71.3	356.5	
AROUND RADIUS						VARIES	VARIES	92.7
BUCHANAN	78+74.00	43.7 LT	78+80.00	43.7 LT	5	6	30.0	
BUCHANAN	78+80.00	43.7 LT	79+01.20	29.0 LT	5	25.7	128.5	
BUCHANAN	79+01.20	29.0 LT	79+05.70	29.0 LT	5	4.5	22.5	
BUCHANAN	79+40.70	29.0 LT	79+91.60	29.0 LT	5	50.9	254.5	
BUCHANAN	80+26.60	29.0 LT	80+41.24	28.8 LT	5	14.6	73.0	
SE CORNER								
MADISON	654+87.80	45.5 LT	655+36.24	45.0 LT	5	48.4	242.0	
AROUND RADIUS						VARIES	VARIES	109.1
BUCHANAN	78+73.90	35.0 RT	79+03.10	27.9 RT	4	30.1	120.4	
BUCHANAN	79+03.10	27.9 RT	79+71.60	27.7 RT	4	68.5	274.0	
BUCHANAN	80+07.72	27.6 RT	80+15.20	27.6 RT	4	7.5	30.0	
BUCHANAN	80+49.60	25.6 RT	80+49.60	20.6 RT	4	5.0	20.0	
SW CORNER								
MADISON	654+88.31	48.5 RT	655+22.90	48.5 RT	5	34.6	173.0	
AROUND RADIUS						VARIES	VARIES	184.8
BUCHANAN	75+97.60	26.0 RT	76+22.96	26.0 RT	4	25.4	101.6	
BUCHANAN	77+55.01	26.5 RT	77+74.99	29.0 RT	4	20.1	80.4	
TOTAL							2,725.6	
USE							2,726.0	

DETECTABLE WARNINGS

LOCATION	QUANTITY (SQ FT)
NW CORNER	
BUCHANAN STREET RAMP	8.0
MADISON STREET RAMP	8.0
NE CORNER	
BUCHANAN STREET RAMP	8.0
MADISON STREET RAMP	8.0
SE CORNER	
BUCHANAN STREET RAMP	8.0
MADISON STREET RAMP	8.0
SW CORNER	
BUCHANAN STREET RAMP	8.0
MADISON STREET RAMP	8.0
TOTAL	
	64.0
USE	
	64.0

BITUMINOUS MATERIALS (PRIME COAT)
AGGREGATE (PRIME COAT)

LOCATION	AREA (SQ YD)	BIT MATERIAL (PRIME CT) TON	AGGREGATE (PRIME CT) TON
FAP 315 (US 136/BUCHANAN)			
STA. 74+60.84 TO STA. 81+86.33	3,063	1.16	6.13
FAP 514 (IL 94/MADISON)			
STA. 652+68.53 TO STA. 654+30.52	922	0.35	1.84
MADISON ST (SOUTH)			
STA. 654+68.53 TO STA. 655+78.21	503	0.19	1.01
TOTAL		1.71	8.98
USE		1.7	9.0

PCC BASE COURSE WIDENING, 10"

LOCATION	SIDE	AVERAGE WIDTH	PCC BASE COURSE WIDENING 10"
		FOOT	SQ YD
NW CORNER			
STA. 652+68.53 TO STA. 653+63.99	RIGHT	1.0	10.6
AROUND RADIUS		VARIES	110.6
STA. 74+60.84 TO STA. 75+12.43	LEFT	1.0	5.7
STA. 75+49.07 TO STA. 76+17.64	LEFT	1.0	7.6
NE CORNER			
STA. 652+68.53 TO STA. 653+03.11	LEFT	1.0	3.8
AROUND RADIUS		VARIES	102.2
STA. 79+07.36 TO STA. 80+36.58	LEFT	1.0	14.4
SE CORNER			
STA. 655+13.46 TO STA. 655+27.18	LEFT	1.0	1.5
AROUND RADIUS		VARIES	82.8
STA. 79+46.75 TO STA. 80+96.18	RIGHT	1.0	16.6
SW CORNER			
STA. 655+52.67 TO STA. 655+78.21	RIGHT	1.0	51.1
AROUND RADIUS		VARIES	49.0
STA. 74+60.84 TO STA. 75+13.20	RIGHT	1.0	5.8
STA. 75+61.66 TO STA. 77+66.91	RIGHT	1.0	22.8
AT MANHOLE			
STA. 654+75.00	7' RT	10x10	11.1
TOTAL			495.6
USE			496.0

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70

STATION TO STATION	AREA (SQ YD)	BCSC MIX "D" N70
		TON
FAP 315 (US 136/BUCHANAN ST) - STA. 74+60.84 TO STA. 81+86.33	3,063	257.3
FAP 514 (IL 94/MADISON ST) - STA. 652+68.53 TO STA. 654+30.52	922	77.4
MADISON STREET (SOUTH) - STA. 654+68.53 TO STA. 655+78.21	503	42.3
TOTAL		377.0
USE		377.0

LEVELING BINDER (MACHINE METHOD), N70

STATION TO STATION	AREA (SQ YD)	LEVELING BINDER N70
		TON
FAP 315 (US 136/BUCHANAN ST) - STA. 74+60.84 TO STA. 81+86.33	3,063	180.1
FAP 514 (IL 94/MADISON ST) - STA. 652+68.53 TO STA. 654+30.52	922	54.2
MADISON STREET (SOUTH) - STA. 654+68.53 TO STA. 655+78.21	503	29.6
TOTAL		263.9
USE		264.0

CONCRETE CURB, TYPE B

LOCATION	QUANTITY (FOOT)
NW CORNER	
AT HANDICAP RAMPS	48.1
NE CORNER	
AT HANDICAP RAMPS	49.2
SE CORNER	
AT HANDICAP RAMPS	33.5
SW CORNER	
AT HANDICAP RAMPS	44.8
TOTAL	
	175.6
USE	
	176.0

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF QUANTITIES
NAME	DATE	
		SHEET 2 OF 5 FAP 315 (US 136) AND FAP 514 (IL 94) SECTION (28)N,TS HANCOCK COUNTY VERT. NONE SCALE: HORIZ. DATE: MAY, 2010 DRAWN BY DJK CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	14
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE SCHEDULE
S=SEWER ST=STRUCTURE

PLAN LABEL	LOCATION		STORM SEWERS			SAN SEWER		RD MANHOLES		TYPE A INLET	TYPE A INLET	TYPE A INLET	INLET	INLET	MANHOLE SPECIAL TYPE 1 FR CLSD	SAN SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 36"	REMOVING INLETS	TRENCH BACKFILL	CONTROLLED LOW-STRENGTH MATERIAL
			CLA	CLA	WATER MAIN	PVC	DUCTILE	4' DIA	5' DIA	TYPE 1 FR CLSD LID	TYPE 3 FR & GR	TYPE 8 GR 36" DEPTH	SPL TYPE 1	SPL TYPE E	(EACH)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(EACH)	(CU YD)	(CU YD)
			TYPE 1	TYPE 1	REQUIREMENT	6"	12"	TYPE 1 FR CLSD LID	TYPE 1 FR CLSD LID	TYPE 1 FR CLSD LID	TYPE 3 FR & GR	TYPE 8 GR 36" DEPTH	SPL TYPE 1	SPL TYPE E	(EACH)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(EACH)	(CU YD)	(CU YD)
EXIST S1	652+75.00	28.3 LT																						
	TO																							
	653+59.00	25.9 LT																						
ST1	652+75.00	28.3 LT								1													6.0	
S1	TO																					81		
ST2	653+59.00	26.0 LT																					14.2	5.1
S2	TO																					63		4.3
ST3	654+25.00	40.3 LT																						
ST4	654+21.00	52.0 LT																						2.5
S3	TO																					10		
ST3	654+25.00	40.3 LT																						
ST5	79+75.00	23.1 LT																						
S4	TO																							13.8
EXIST INLET	80+69.00	21.5 LT																						
ST6	79+60.00	23.1 RT																						
ST7	654+75.00	33.6 LT																						7.0
ST8	654+75.00	7.0' RT																						9.7
ST9	655+01.00	26.1 RT																						
S5	TO																							7.7
ST10	654+75.00	33.3 RT																						3.8
EXIST ST13	654+09.00	63.0 RT																						
EXIST S6	TO																							
	654+12.50	31.5 RT																						
ST11	654+12.50	31.5 RT																						1.9
S7	TO																							
ST12	654+00.00	32.4 RT																						6.5
S8	TO																							
ST14	654+00.00	61.0 RT																						
S10	TO																							
ST15	654+07.00	69.0 RT																						
EXIST ST16	653+78.00	19.0 RT																						
EXIST S9																								
EXIST S11																								
ST12	654+00.00	32.4 RT																						
S11	TO																							
ST17	652+75.00	29.6 RT																						
ST18	76+11.60	23.1 RT																						
TOTAL			132	81	217	10	8	2	2	2	1	1	1	6	1	10	11	10	243	4	9	6	61.4	38.6
USE																							62.0	39.0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 SHEET 3 OF 5
 FAP 315 (US 136) AND
 FAP 514 (IL 94)
 SECTION (28)N,TS
 HANCOCK COUNTY

SCALE: VERT. NONE
 HORIZ. NONE
 DATE: MAY, 2010

DRAWN BY DJK
 CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	15
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DRIVEWAY SCHEDULE

LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM BACK OF CURB TO LIMITS OF IMPROVEMENT)	DRIVEWAY PAVEMENT REMOVAL	P. C. C. DRIVEWAY PAVEMENT 8"	P. C. C. DRIVEWAY PAVEMENT 6"
	FE/PE/CE/MB RURAL/URBAN	EARTH/AGG BIT/PCC	FT.	FT.	FT.	FT.	SO. YD.	SO. YD.	SO. YD.
FAP 315 (US 136 - BUCHANAN)									
75+75.70 - RT	CE URBAN - TYPE B	PCC	14	COMBINED DRIVES		11.1	22	19	
75+88.55 - RT	CE URBAN - TYPE B	PCC	14			11.1	22	18	
75+76.05 - LT	CE URBAN - TYPE B	PCC	14			10.3	21	21	
79+14.70 - RT	CE URBAN - TYPE B	PCC	24	TO BE ABANDONED			45		
79+23.20 - LT	CE URBAN - TYPE B	PCC	35			16.2	65	71	
79+89.70 - RT	CE URBAN - TYPE B	PCC	35			15.9	43	75	
80+09.10 - LT	CE URBAN - TYPE B	PCC	35			13.4	65	58	
80+51.30 - LT	PE URBAN - TYPE B	PCC	10			5.6	7		8
FAP 514 (IL 94) - MADISON STREET									
652+85.64 - RT	CE URBAN - TYPE A	PCC	18			13.8	30	34	
653+30.97 - RT	CE URBAN - TYPE A	PCC	25			16.4	57	53	
653+14.50 - LT	CE URBAN - TYPE A	PCC	35			VARIES	135	119	
653+75.00 - LT	CE EXISTING	PCC	-	TO BE ABANDONED		-	152	-	
655+05.00 - LT	CE EXISTING	PCC	-	TO BE ABANDONED		-	124	-	
655+05.00 - RT	CE EXISTING	PCC	-	TO BE RELOCATED		-	109	-	
655+32.00 - RT	CE URBAN - TYPE A	RELOCATE	18			VARIES		78	
655+53.00 - LT	CE URBAN - TYPE A	PCC	33.6			VARIES	123	137	8
TOTAL							1,020	683	

TEMPORARY RAMP

LOCATION	DEPTH	LENGTH	WIDTH	TEMP RAMP
	INCH	FOOT	FOOT	SO YD
FAP 514 - 652+68.53	2.50	8.00	34.4	30.6
FAP 514 - 652+68.53	1.50	5.00	34.4	19.1
MADISON STREET - 655+78.21	2.50	8.00	27.1	24.0
MADISON STREET - 655+78.21	1.50	5.00	27.1	15.1
FAP 315 - 74+60.84	2.50	8.00	38.0	33.8
FAP 315 - 74+60.84	1.50	5.00	38.0	21.1
FAP 315 - 81+86.33	2.50	8.00	38.0	33.8
FAP 315 - 81+86.33	1.50	5.00	38.0	21.1
CE - STA 75+75.77 RT	2.50	8.00	17.0	15.1
CE - STA 75+75.77 RT	1.50	5.00	17.0	9.4
CE - STA 75+31.00 LT	2.50	8.00	34.0	30.2
CE - STA 75+31.00 LT	1.50	5.00	34.0	18.9
CE - STA 75+38.50 RT	2.50	8.00	46.0	40.9
CE - STA 75+38.50 RT	1.50	5.00	46.0	25.6
CE - STA 75+77.00 LT	2.50	8.00	25.0	22.2
CE - STA 75+77.00 LT	1.50	5.00	25.0	13.9
CE - STA 75+89.61 RT	2.50	8.00	17.0	15.1
CE - STA 75+89.61 RT	1.50	5.00	17.0	9.4
CE - STA 76+47.70 LT	2.50	8.00	34.0	30.2
CE - STA 76+47.70 LT	1.50	5.00	34.0	18.9
CE - STA 79+23.20 LT	2.50	8.00	39.0	34.7
CE - STA 79+23.20 LT	1.50	5.00	39.0	21.7
CE - STA 79+89.70 RT	2.50	8.00	39.0	34.7
CE - STA 79+89.70 RT	1.50	5.00	39.0	21.7
CE - STA 80+09.10 LT	2.50	8.00	39.0	34.7
CE - STA 80+09.10 LT	1.50	5.00	39.0	21.7
PE - STA 80+51.50 LT	2.50	8.00	14.0	12.4
PE - STA 80+51.50 LT	1.50	5.00	14.0	7.8
CE - STA 80+77.80 RT	2.50	8.00	26.0	23.1
CE - STA 80+77.80 RT	1.50	5.00	26.0	14.4
PE - STA 81+05.60 LT	2.50	8.00	13.0	11.6
PE - STA 81+05.60 LT	1.50	5.00	13.0	7.2
PE - STA 81+80.00 LT	2.50	8.00	12.0	10.7
PE - STA 81+80.00 LT	1.50	5.00	12.0	6.7
CE - STA 652+85.64 RT	2.50	8.00	31.0	27.6
CE - STA 652+85.64 RT	1.50	5.00	31.0	17.2
CE - STA 653+14.50 LT	2.50	8.00	49.0	43.6
CE - STA 653+14.50 LT	1.50	5.00	49.0	27.2
CE - STA 653+30.97 RT	2.50	8.00	39.0	34.7
CE - STA 653+30.97 RT	1.50	5.00	39.0	21.7
CE - STA 655+32.00 RT	2.50	8.00	25.0	22.2
CE - STA 655+32.00 RT	1.50	5.00	25.0	13.9
CE - STA 655+53.00 LT	2.50	8.00	38.0	33.8
CE - STA 655+53.00 LT	1.50	5.00	38.0	21.1
TOTAL				974.3
USE				975.0

SIDEWALK REMOVAL

STATION TO STATION	WIDTH (LF)	LENGTH (LF)	SIDEWALK REMOVAL (SF)
NW CORNER			
STA. 653+97.00 TO STA. 654+19.20	5	22	110.0
AROUND RADIUS	VARIES	VARIES	56.0
STA. 75+62.29 TO STA. 75+68.88	4	6	24.0
STA. 77+83.22 TO STA. 75+89.75	4	6	24.0
STA. 77+26.7 TO STA. 77+75.00	4	48	192.0
NE CORNER			
STA. 652+83.3 TO STA. 652+97.00	4	14	56.0
STA. 653+96.23 TO STA. 654+17.80	5	22	110.0
AROUND RADIUS	VARIES	VARIES	99.2
STA. 78+74.00 TO STA. 78+91.00	5	16	80.0
STA. 79+40.00 TO STA. 79+78.90	5	39	195.0
STA. 80+29.00 TO STA. 80+41.25	5	12	60.0
SE CORNER			
STA. 655+23.10 TO STA. 655+36.24	4	13	52.0
AROUND RADIUS	VARIES	VARIES	177.7
STA. 79+19.10 TO STA. 79+74.20	4	55	220.0
STA. 80+08.30 TO STA. 80+15.20	4	7	28.0
STA. 80+47.72 TO STA. 80+51.48	5	4	20.0
SW CORNER			
STA. 654+78.10 TO STA. 655+01.10	4	23	92.0
STA. 655+24.00 TO STA. 655+40.94	5.5	17	93.5
AROUND RADIUS	VARIES	VARIES	160.3
STA. 75+97.72 TO STA. 76+23.00	4	25	100.0
STA. 77+55.00 TO STA. 77+75.09	4	20	80.0
TOTAL			2,029.70
USE			2,030.0

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

LOCATION	QUANTITY (FOOT)	
NW CORNER		
FAP 514 - STA. 652+68.53 TO STA. 653+63.99	95.5	
AROUND RADIUS	167.8	
FAP 315 - STA. 74+60.84 TO STA. 76+74.87	214.0	
NE CORNER		
FAP 514 - STA. 652+68.53 TO STA. 653+03.11	34.6	
AROUND RADIUS	147.0	
FAP 315 - STA. 79+07.36 TO STA. 80+36.58	129.2	
SE CORNER		
MADISON STREET - STA. 655+13.46 TO STA. 655+78.21	64.7	
AROUND RADIUS	125.5	
FAP 315 - STA. 79+46.75 TO STA. 80+96.18	149.4	
SW CORNER		
MADISON STREET - STA. 655+52.67 TO STA. 655+78.21	25.5	
AROUND RADIUS	103.2	
FAP 315 - STA. 74+60.84 TO STA. 77+66.91	306.1	
NW - PARKING LOT		
ALONG MADISON SIDE OF PARKING LOT	18.0	
ALONG BUCHANAN SIDE OF PARKING LOT	21.3	
TOTAL		1,601.8
USE		1,602.0

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

LOCATION	QUANTITY (FOOT)	
NE CORNER		
AROUND RADIUS	10.0	
TOTAL		10.0
USE		10.0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 SHEET 4 OF 5
 FAP 315 (US 136) AND
 FAP 514 (IL 94)
 SECTION (28)N,TS
 HANCOCK COUNTY

SCALE: VERT. NONE
 HORIZ. NONE
 DATE: MAY, 2010

DRAWN BY DJK
 CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	16
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATION TO STATION	SIDE	TYPE	DISTANCE (FT)	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B				WORK ZONE PVT MARK REMOVAL (SQ FT)	RAISED REFLECTIVE PAVEMENT MARKER		SHORT-TERM PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING LINE	
				LINE 5" YELLOW (FT)	LINE 6" WHITE (FT)	LINE 24" WHITE (FT)	LETTERS AND SYMBOLS (SQ FT)		2-WAY AMBER (EACH)	1-WAY CHRYSTAL (EACH)	YELLOW	WHITE	5" (FT)	24" (FT)
FAP 315 (US 136 - BUCHANAN STREET)														
74+60.84 TO 75+45.60	RT	SKIP DASH/SOLID	85	105					3		36		105	
74+60.84 TO 75+45.60	LT	SKIP DASH/SOLID	85	105					3		36		105	
75+45.60 TO 77+70.60	LT	DUAL SOLID CL	334	668				20	12		72		450	
76+53.60 TO 77+68.60	RT	LANE LINE	115		115			6		4		42	115	
77+68.60 TO 77+70.60		STOP BAR	26			25								26
75+25.00		DUAL ARROWS					30							
76+56.60		LEFT ARROW					15							
77+38.12		LEFT ARROW					15							
77+74.60	LT TO RT	CROSSWALK	54		54								54	
77+80.60	LT TO RT	CROSSWALK	58		58								58	
78+68.50	LT TO RT	CROSSWALK	64		64								64	
78+74.50	LT TO RT	CROSSWALK	58		58								58	
78+78.50 TO 78+80.50		STOP BAR	33			32								32
78+80.50 TO 79+95.50	LT	LANE LINE	115		115			6		4		42	115	
78+78.50 TO 81+03.50	RT	DUAL SOLID CL	334	668				24	12		96		450	
81+03.80 TO 81+86.33	LT	SKIP DASH/SOLID	83	103					3		36		103	
81+03.80 TO 81+86.33	RT	SKIP DASH/SOLID	83	103					3		36		103	
79+11.00		LEFT ARROW					15							
79+90.74		LEFT ARROW					15							
81+11.00		DUAL ARROWS					30							
FAP 514 (IL 94) - MADISON STREET														
652+68.53 to 653+98.87	CL	10' -30' SKIP DASH	130	40				6	4		36		40	
653+98.87	RT	STOP BAR	26			26								26
654+02.83	LT TO RT	CROSSWALK	65		65								65	
654+08.83	LT TO RT	CROSSWALK	76		76								76	
654+82.81	LT TO RT	CROSSWALK	63		63								63	
654+88.81	LT TO RT	CROSSWALK	51		51								51	
654+94.81	LT	STOP BAR	19			19								19
654+94.81 TO 655+78.21	CL	10' -30' SKIP DASH	83	30				4	3		36		30	
TOTALS				1,822	719	104	120	66	43	8	384	84	2,105	103

DOMESTIC METER VAULTS TO BE ADJUSTED
FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
MANHOLES TO BE ADJUSTED

LOCATION	SIDE	METER VAULT ADJUSTED EACH	FRAME & LID ADJUSTED EACH	MANHOLE ADJUSTED EACH
STA. 652+72.00	7.00 LT			1
STA. 653+13.50	43.31 LT		1	
STA. 653+65.61	41.90 LT	1		
STA. 654+07.88	60.10 LT		1	
TOTAL		1	2	1

SANITARY SEWER CONNECTION

LOCATION	SIDE	SAN SEWER CONNECT (EACH)
654+75.00	6.9' RT	2
TOTAL		2

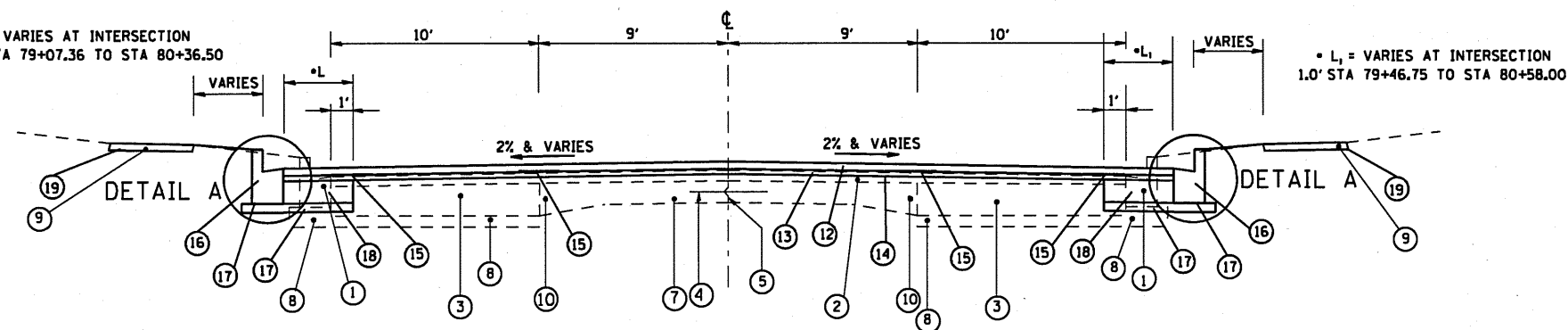
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF QUANTITIES SHEET 5 OF 5 FAP 315 (US 136) AND FAP 514 (IL 94) SECTION (28)N,TS HANCOCK COUNTY
NAME	DATE	
VERT. SCALE: NONE		DRAWN BY DJK
HORIZ. SCALE: NONE		CHECKED BY DBS
DATE: MAY, 2010		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	17
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

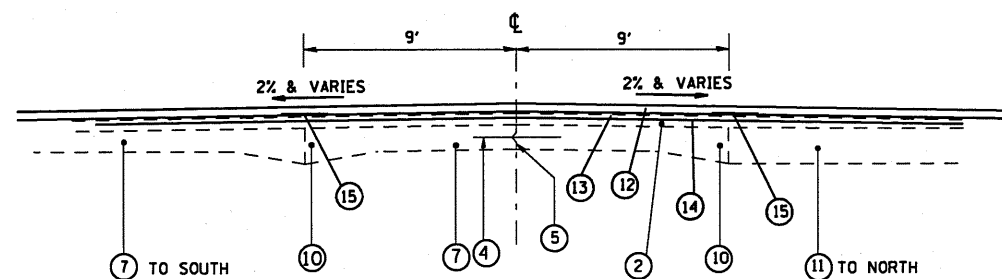
- EXISTING**
- ① TYPE B-6.12 CONCRETE CURB & GUTTER
 - ② BITUMINOUS CONCRETE OVERLAY
 - ③ P.C.C. BASE COURSE WIDENING (8")
 - ④ 1/2" Ø DEFORMED BAR
 - ⑤ LONGITUDINAL JOINT
 - ⑥ BIT. CONCRETE BASE COURSE WIDENING (9")
 - ⑦ P.C.C. PAVEMENT (9-6-9)
 - ⑧ GRANULAR SUBGRADE
 - ⑨ 4" P.C.C. SIDEWALK
 - ⑩ 3/4" Ø SMOOTH BAR
 - ⑪ P.C.C. DRIVEWAY PAVEMENT

- PROPOSED**
- ⑫ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 - 1 1/2" AVE
 - ⑬ LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N70 - 1" AVE
 - ⑭ BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH) - 2" TO 2 1/4" AVE
 - ⑮ STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑯ TYPE B-6.12 CONCRETE CURB & GUTTER
 - ⑰ SUB-BASE GRANULAR MATERIAL, TYPE B - 4 INCH
 - ⑱ P.C.C. BASE COURSE WIDENING - 10 INCH
 - ⑲ P.C.C. SIDEWALK - 4 INCH

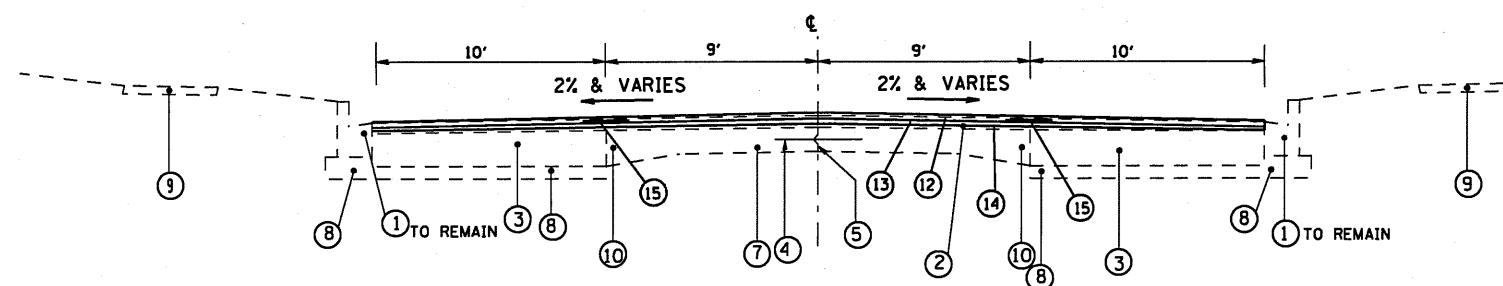
*L = VARIES AT INTERSECTION
1.0' AT STA 79+07.36 TO STA 80+36.50



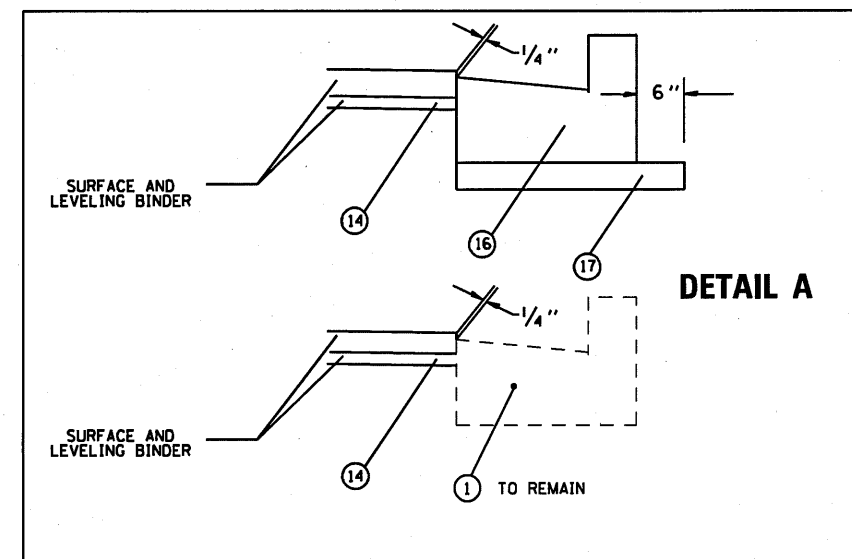
TYPICAL FAP 315 (US 136/BUCHANAN ST)
STA 74+60.84 TO STA 80+36.58 - LEFT
STA 74+60.84 TO STA 80+96.18 - RIGHT



TYPICAL FAP 315 (US 136/BUCHANAN ST)
STA 78+12.98 TO STA 78+38.98 - LEFT
STA 78+12.98 TO STA 78+38.98 - RIGHT



TYPICAL FAP 315 (US 136/BUCHANAN ST)
STA 80+36.58 TO STA 81+86.33 - LEFT
STA 80+96.18 TO STA 81+86.33 - RIGHT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

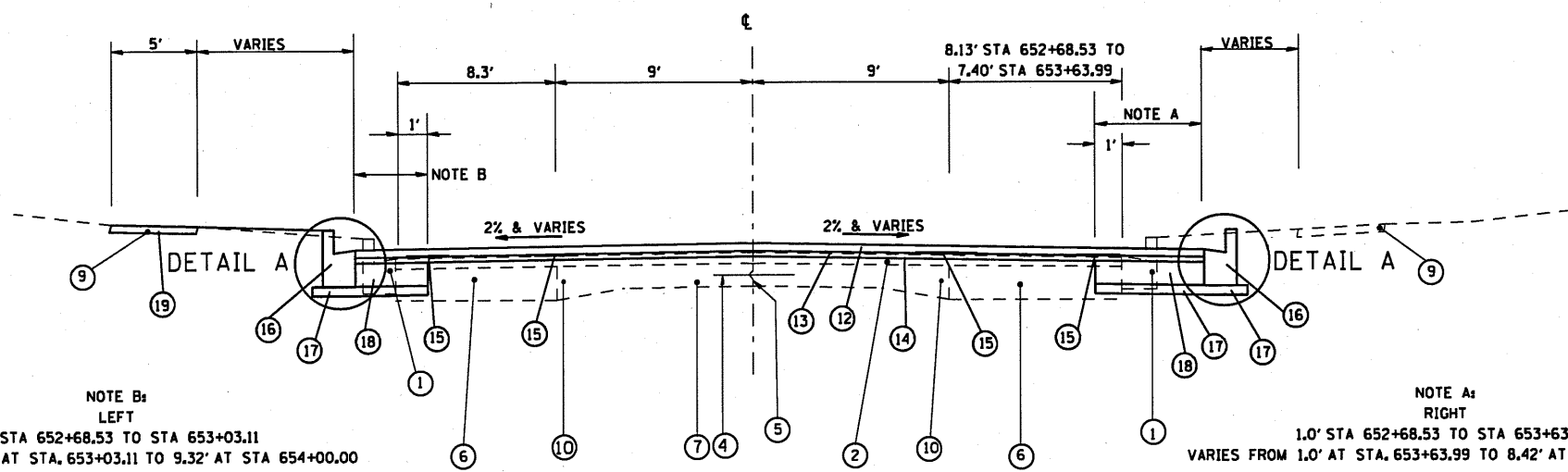
SHEET 1 OF 2
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY

SCALE: VERT. : NONE
HORIZ. : NONE
DATE : MAY, 2010

DRAWN BY DJK
CHECKED BY DBS

c:\pwworkspace\pwworkspace\1\10238618\05-TYPICAL.dgn
 Oct-06-2010 09:10:44 AM
 REF:01

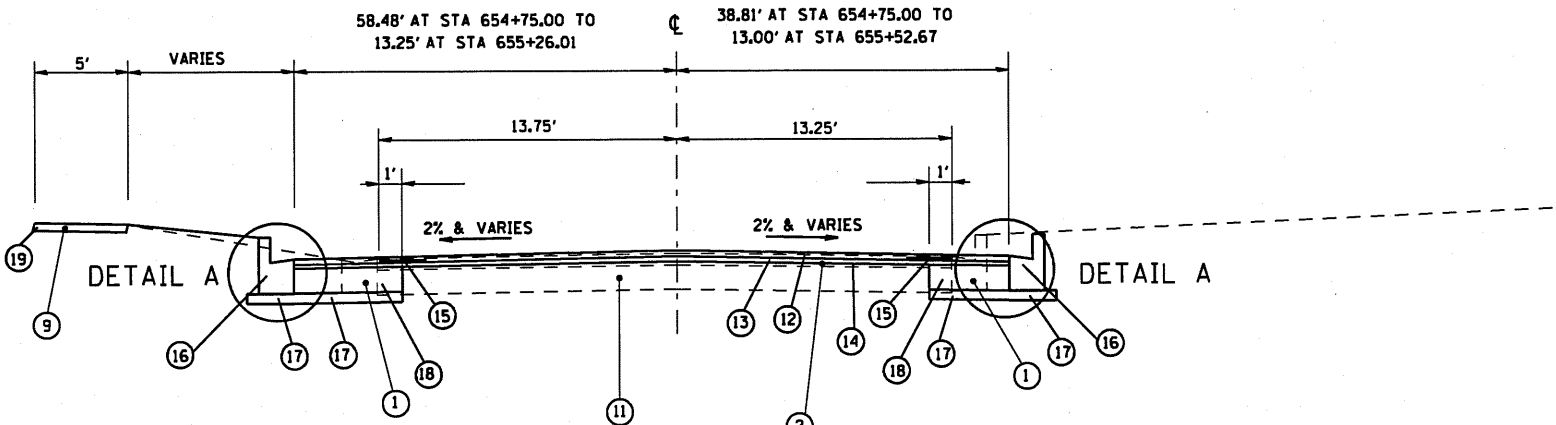
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	18
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



NOTE B:
LEFT
1.0' STA 652+68.53 TO STA 653+03.11
VARIES FROM 1.0' AT STA. 653+03.11 TO 9.32' AT STA 654+00.00

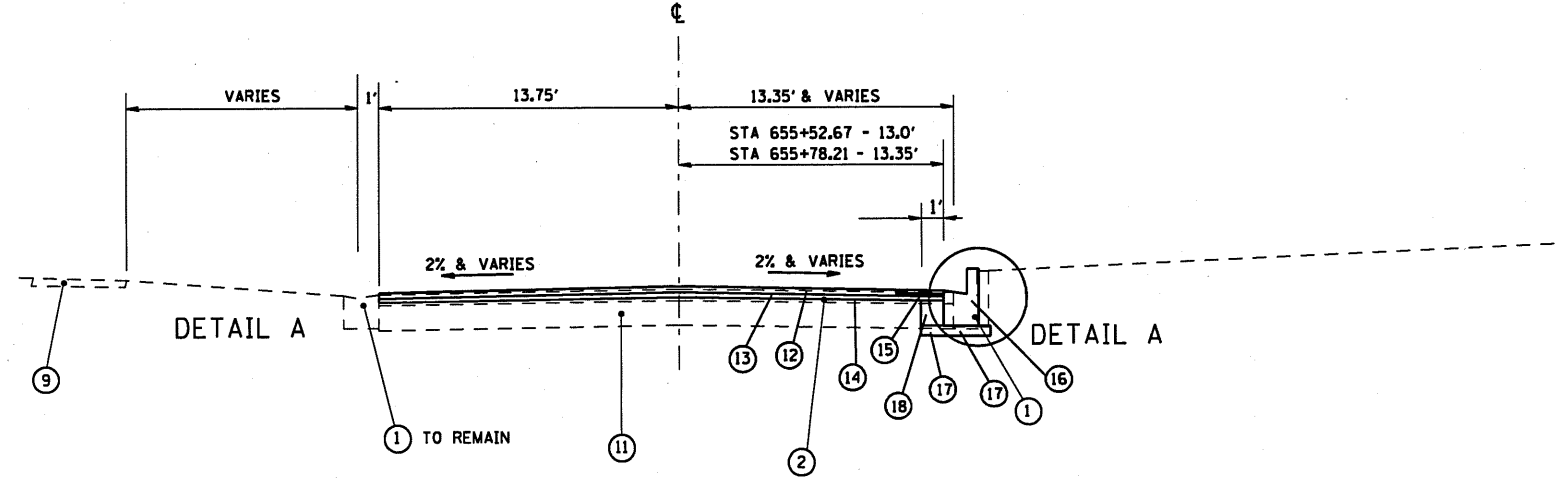
NOTE A:
RIGHT
1.0' STA 652+68.53 TO STA 653+63.99
VARIES FROM 1.0' AT STA. 653+63.99 TO 8.42' AT STA 654+00.00

TYPICAL SECTION FAP 514 (MADISON STREET)
STA. 652+68.53 TO STA. 654+00.00 - LEFT
STA. 652+68.53 TO STA. 654+00.00 - RIGHT



TYPICAL SECTION FAP 514 (MADISON STREET)
STA. 654+75.00 TO STA. 655+26.01 - LEFT
STA. 654+75.00 TO STA. 655+52.67 - RIGHT

OMISSION - STA. 654+00.00 TO 654+75.00
SEE FAP 315 (US 136/BUCHANAN STREET) TYPICAL SECTION



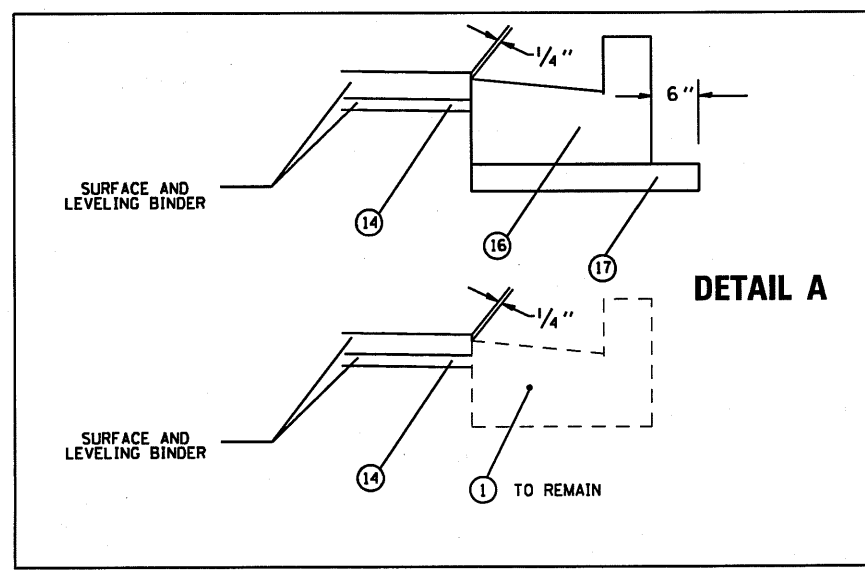
TYPICAL SECTION FAP 514 (MADISON STREET)
STA. 655+26.01 TO STA. 655+78.21 - LEFT
STA. 655+52.67 TO STA. 655+78.21 - RIGHT

EXISTING

- ① TYPE B-6.12 CONCRETE CURB & GUTTER
- ② BITUMINOUS CONCRETE OVERLAY
- ③ P.C.C. BASE COURSE WIDENING (8")
- ④ 1/2" Ø DEFORMED BAR
- ⑤ LONGITUDINAL JOINT
- ⑥ BIT. CONCRETE BASE COURSE WIDENING (9")
- ⑦ P.C.C. PAVEMENT (9-6-9)
- ⑧ GRANULAR SUBGRADE
- ⑨ 4" P.C.C. SIDEWALK
- ⑩ 3/4" Ø SMOOTH BAR
- ⑪ P.C.C. PAVEMENT

PROPOSED

- ⑫ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 - 1 1/2" AVE
- ⑬ LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N70 - 1" AVE
- ⑭ BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH) - 2" TO 2 1/4" AVE
- ⑮ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑯ TYPE B-6.12 CONCRETE CURB & GUTTER
- ⑰ SUB-BASE GRANULAR MATERIAL, TYPE B - 4 INCH
- ⑱ P.C.C. BASE COURSE WIDENING - 10 INCH
- ⑲ P.C.C. SIDEWALK - 4 INCH



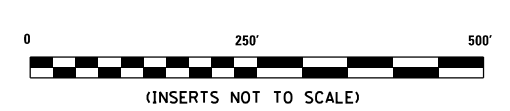
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
SHEET 2 OF 2
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY
VERT. SCALE: NONE
HORIZ. SCALE: NONE
DATE: MAY, 2010
DRAWN BY: DJK
CHECKED BY: DBS

c:\pwwork\pwwork\pwwork\loughlin\1\08238618\05-TYPICAL 5.dgn
 Oct-06-2010 09:10:41 AM
 REF:01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	19
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT 72775



EXIST. CURVE 311

PI STA. = 86+74.25
 Δ = 0° 42' 13" (RT)
D = 0° 04' 13"
R = 81,495.38'
T = 500.01'
L = 1,000.00'
E = 1.53'
e = NA
T.R. = NA
S.E. RUN = NA
P.C. STA. = 81+74.24
P.T. STA. = 91+74.24

BENCHMARKS
(1929 DATUM)

BM#103 = 60D SPIKE NAIL IN P.P IN FRONT OF HOUSE #254 S. SIDE US 136 @ C. STA. 66+42.0, 22.8' RT. NGVD 1929 = 675.00 FT.

BM#104 = CHSLD '+' ON NE CORNER OF HARDEE'S PARKING LOT CURB, SW CORNER US 136 & MADISON STREET @ C. STA. 77+62.5, 32.5' RT. NGVD 1929 = 671.71 FT

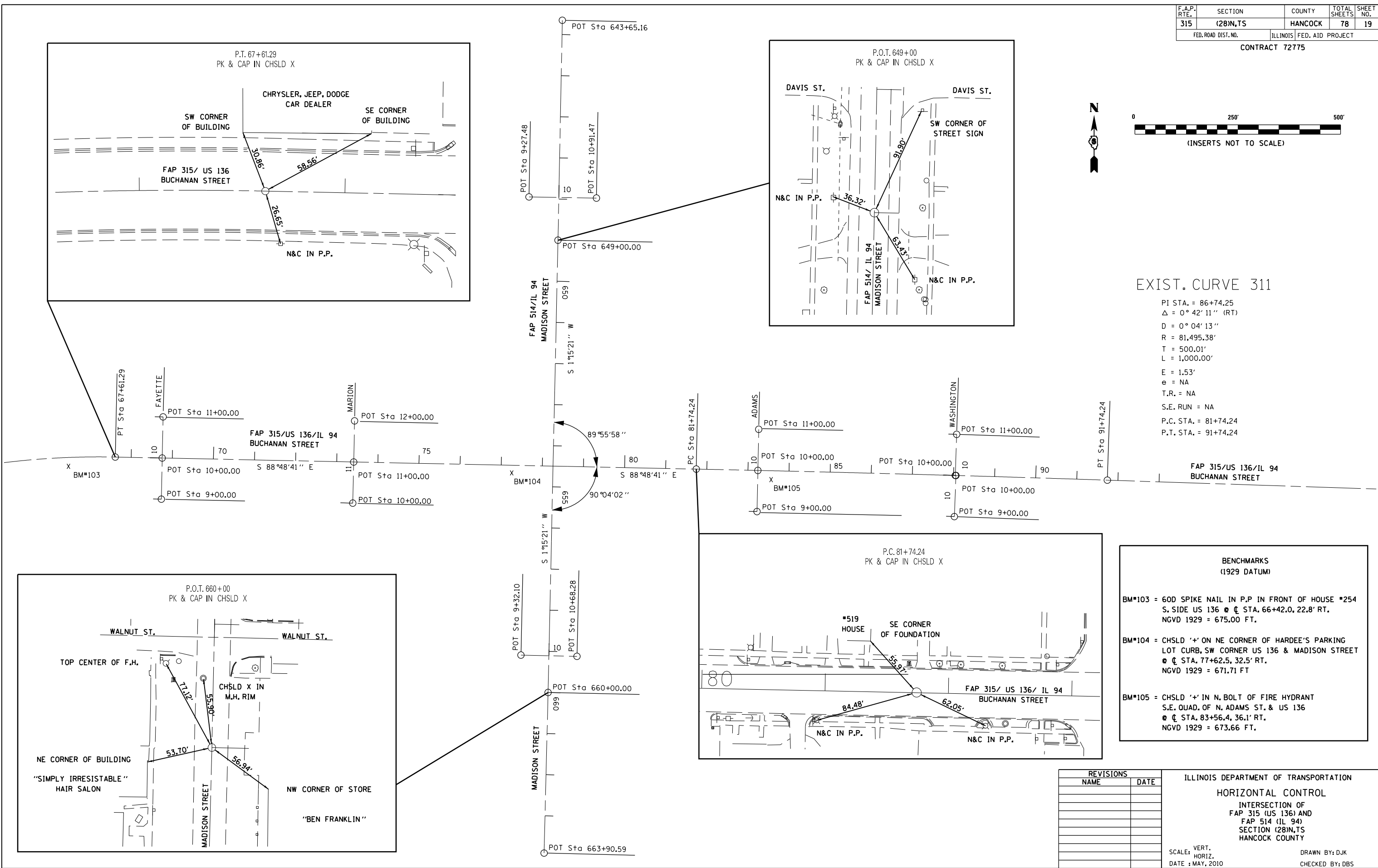
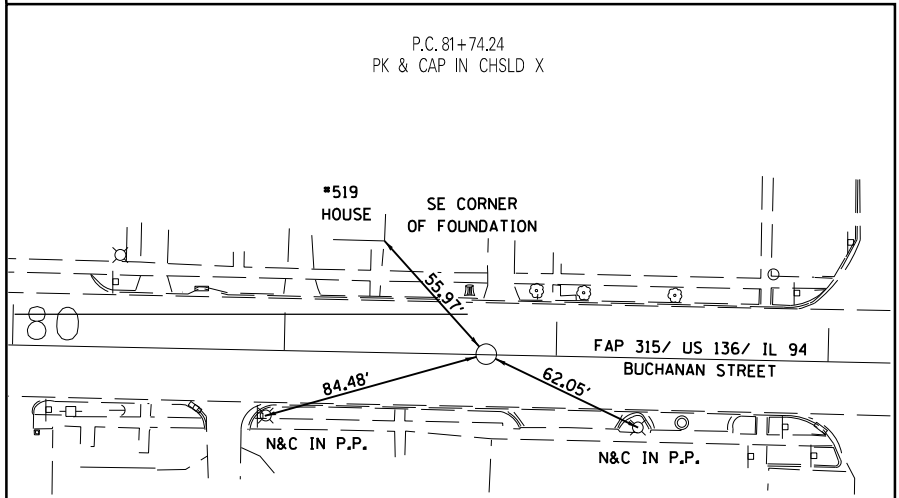
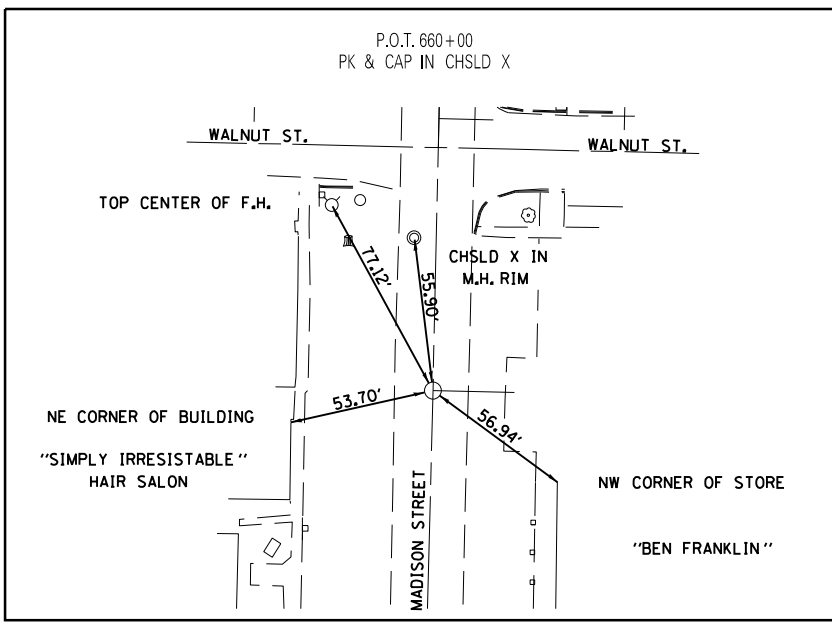
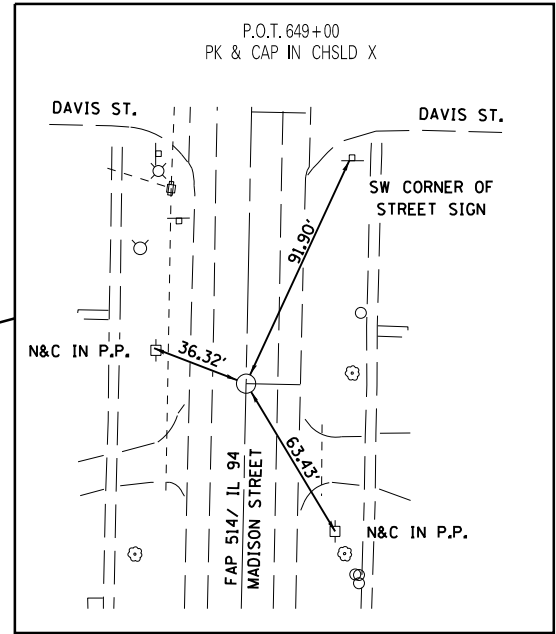
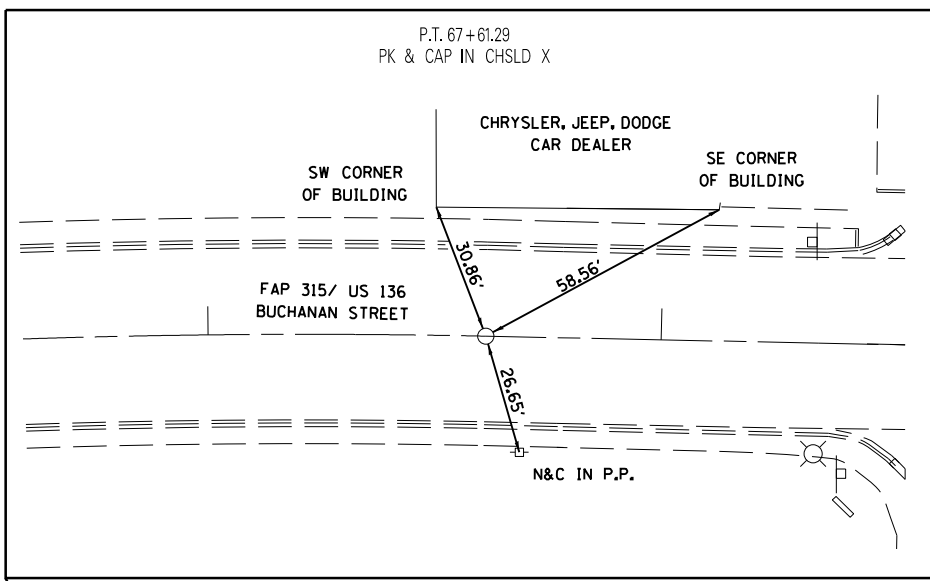
BM#105 = CHSLD '+' IN N. BOLT OF FIRE HYDRANT S.E. QUAD. OF N. ADAMS ST. & US 136 @ C. STA. 83+56.4, 36.1' RT. NGVD 1929 = 673.66 FT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL
INTERSECTION OF
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY

SCALE: VERT. DATE: MAY, 2010
HORIZ. DATE: MAY, 2010

DRAWN BY: DJK
CHECKED BY: DBS



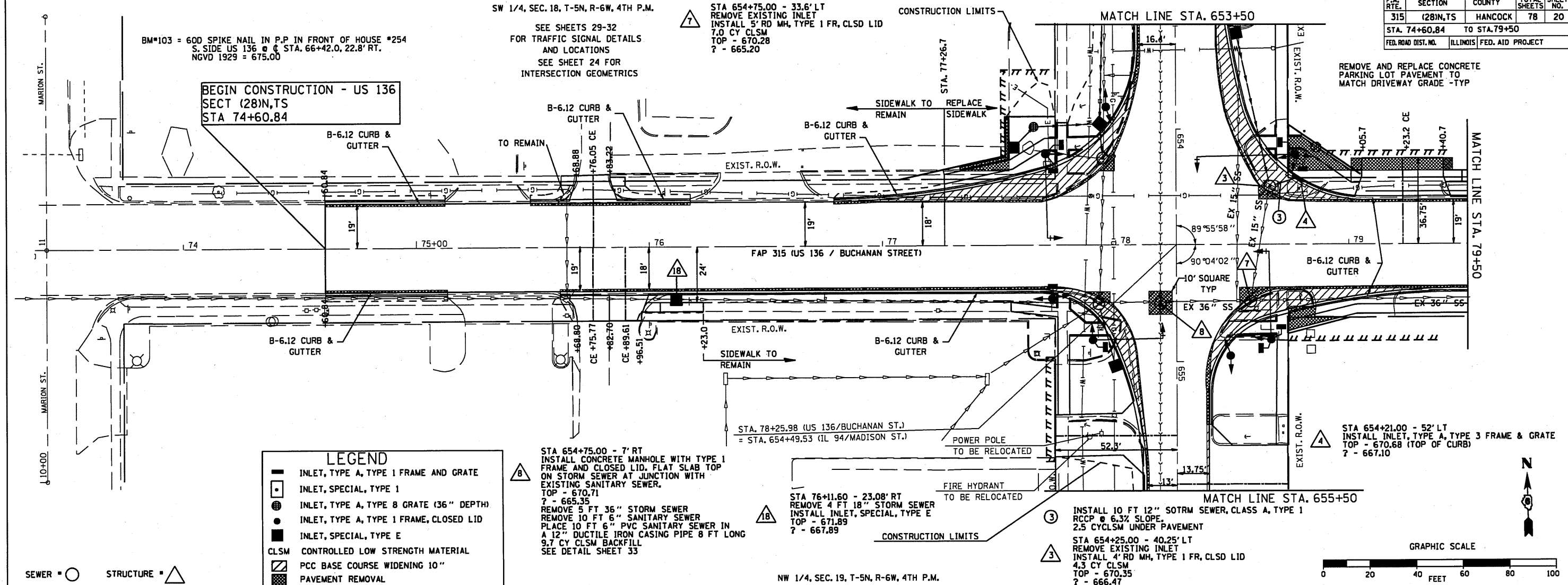
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	20
STA. 74+60.84 TO STA. 79+50				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SW 1/4, SEC. 18, T-5N, R-6W, 4TH P.M.
 SEE SHEETS 29-32 FOR TRAFFIC SIGNAL DETAILS AND LOCATIONS
 SEE SHEET 24 FOR INTERSECTION GEOMETRICS

STA 654+75.00 - 33.6' LT
 REMOVE EXISTING INLET
 INSTALL 5' RD MH, TYPE 1 FR, CLSD LID
 7.0 CY CLSM
 TOP - 670.28
 ? - 665.20

BM*103 = 60D SPIKE NAIL IN P.P. IN FRONT OF HOUSE #254
 S. SIDE US 136 @ STA. 66+42.0, 22.8' RT.
 NGVD 1929 = 675.00

BEGIN CONSTRUCTION - US 136
 SECT (28)N,TS
 STA 74+60.84



LEGEND

- INLET, TYPE A, TYPE 1 FRAME AND GRATE
- INLET, SPECIAL, TYPE 1
- INLET, TYPE A, TYPE B GRATE (36" DEPTH)
- INLET, TYPE A, TYPE 1 FRAME, CLOSED LID
- INLET, SPECIAL, TYPE E
- CLSM CONTROLLED LOW STRENGTH MATERIAL
- PCC BASE COURSE WIDENING 10"
- PAVEMENT REMOVAL

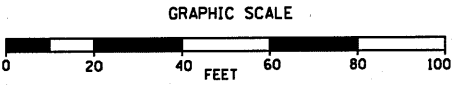
SEWER = ○ STRUCTURE = △

STA 654+75.00 - 7' RT
 INSTALL CONCRETE MANHOLE WITH TYPE 1 FRAME AND CLOSED LID. FLAT SLAB TOP ON STORM SEWER AT JUNCTION WITH EXISTING SANITARY SEWER.
 TOP - 670.71
 ? - 665.35
 REMOVE 5 FT 36" STORM SEWER
 REMOVE 10 FT 6" SANITARY SEWER
 PLACE 10 FT 6" PVC SANITARY SEWER IN A 12" DUCTILE IRON CASING PIPE 8 FT LONG
 9.7 CY CLSM BACKFILL
 SEE DETAIL SHEET 33

STA 76+11.60 - 23.08' RT
 REMOVE 4 FT 18" STORM SEWER
 INSTALL INLET, SPECIAL, TYPE E
 TOP - 671.89
 ? - 667.89

INSTALL 10 FT 12" SOTRM SEWER, CLASS A, TYPE 1
 RCCP @ 6.3% SLOPE.
 2.5 CYCLSM UNDER PAVEMENT

STA 654+25.00 - 40.25' LT
 REMOVE EXISTING INLET
 INSTALL 4' RD MH, TYPE 1 FR, CLSD LID
 4.3 CY CLSM
 TOP - 670.35
 ? - 666.47



DATE: _____ BY: _____

PLAN

REVISIONS

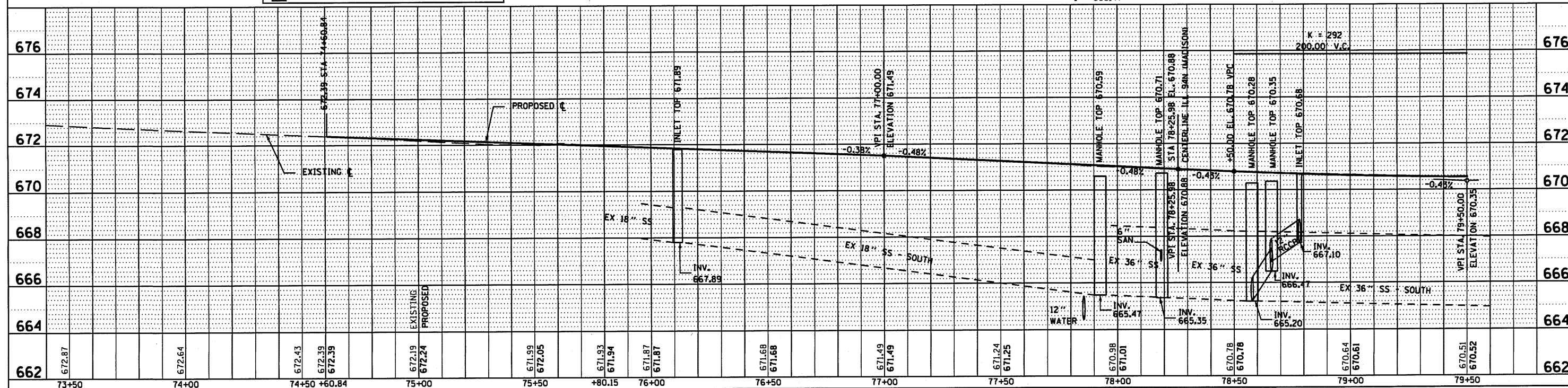
NO. DATE BY

DATE: _____ BY: _____

PROFILE

REVISIONS

NO. DATE BY



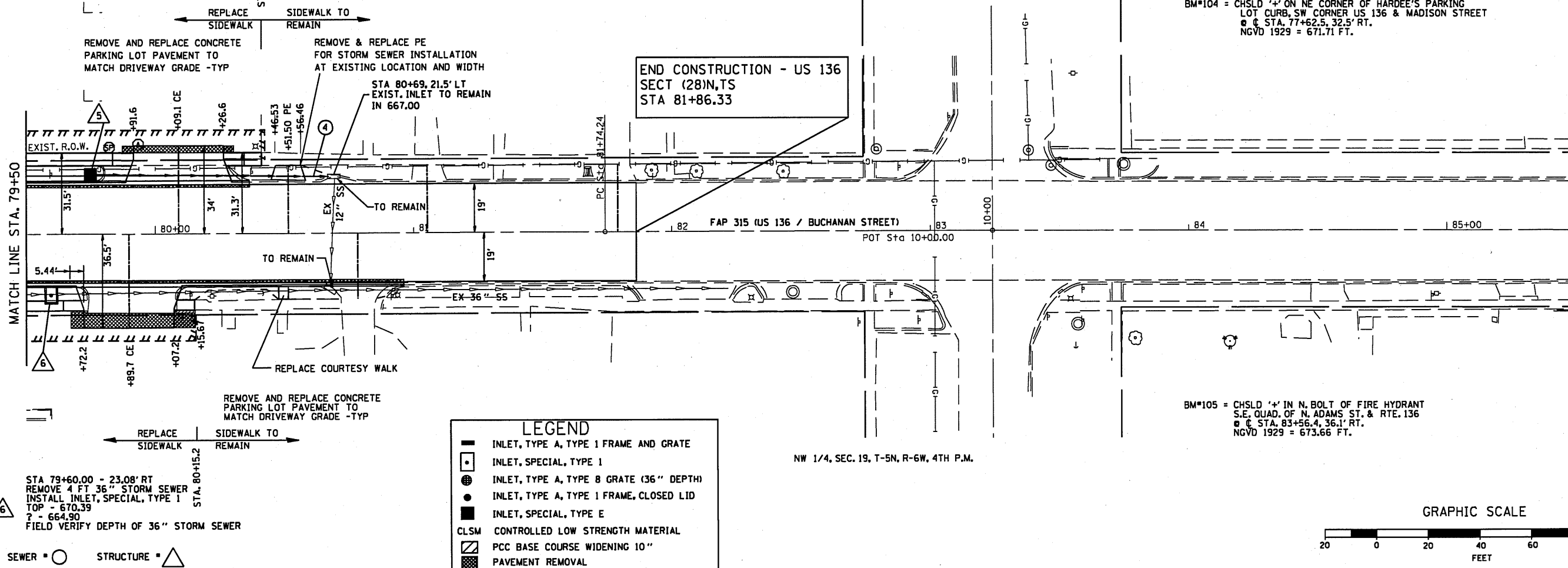
FAP ROUTE 315 (US 136 / BUCHANAN STREET) STA. 74+00.00 TO STA. 79+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28N,TS	HANCOCK	78	21
STA. 79+50 TO STA. 81+86.33				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

SW 1/4, SEC. 18, T-5N, R-6W, 4TH P.M.

5 STA 79+75.00 - 23.08' LT
INSTALL INLET, SPECIAL, TYPE E
TOP - 670.38
? - 667.47

4 INSTALL 90 FT 12" STORM SEWER
CLASS A, TYPE I @ 0.50% SLOPE
13.8 CY TRENCH BACKFILL



BM*104 = CHSLD '4' ON NE CORNER OF HARDEE'S PARKING LOT CURB, SW CORNER US 136 & MADISON STREET @ STA. 77+62.5, 32.5' RT. NGVD 1929 = 671.71 FT.

BM*105 = CHSLD '4' IN N. BOLT OF FIRE HYDRANT S.E. QUAD. OF N. ADAMS ST. & RTE. 136 @ STA. 83+56.4, 36.1' RT. NGVD 1929 = 673.66 FT.

LEGEND

- INLET, TYPE A, TYPE 1 FRAME AND GRATE
- INLET, SPECIAL, TYPE I
- INLET, TYPE A, TYPE B GRATE (36" DEPTH)
- INLET, TYPE A, TYPE 1 FRAME, CLOSED LID
- INLET, SPECIAL, TYPE E
- CLSM CONTROLLED LOW STRENGTH MATERIAL
- PCC BASE COURSE WIDENING 10"
- PAVEMENT REMOVAL

NW 1/4, SEC. 19, T-5N, R-6W, 4TH P.M.

GRAPHIC SCALE

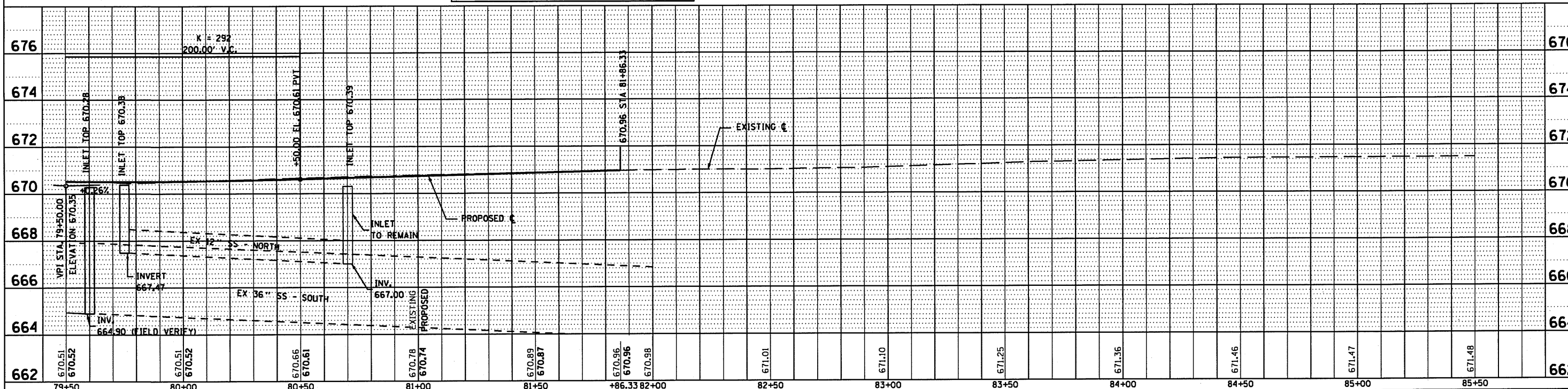


PLAN

DATE	
BY	
REVIEWED	
DESIGNED	
CHECKED	
IN CHARGE	
DATE	
BY	
REVIEWED	
DESIGNED	
CHECKED	
IN CHARGE	

PROFILE

DATE	
BY	
REVIEWED	
DESIGNED	
CHECKED	
IN CHARGE	
DATE	
BY	
REVIEWED	
DESIGNED	
CHECKED	
IN CHARGE	



FAP ROUTE 315 (US 136 / BUCHANAN STREET) STA. 79+50.00 TO STA. 82+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	22
STA. 652+68.53 TO STA. 655+78.21				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BM*104 = CHSLD '4' ON NE CORNER OF HARDEE'S PARKING LOT CURB, SW CORNER US 136 & MADISON STREET @ STA. 77+62.5, 32.5' RT. NGVD 1929 = 671.71 FT.

REMOVE 88 FT 15" STORM SEWER
INSTALL 81 FT 15" STORM SEWER
CLASS A, TYPE I @ 1.60% SLOPE
6.0 CY TRENCH BACKFILL UNDER DRIVE

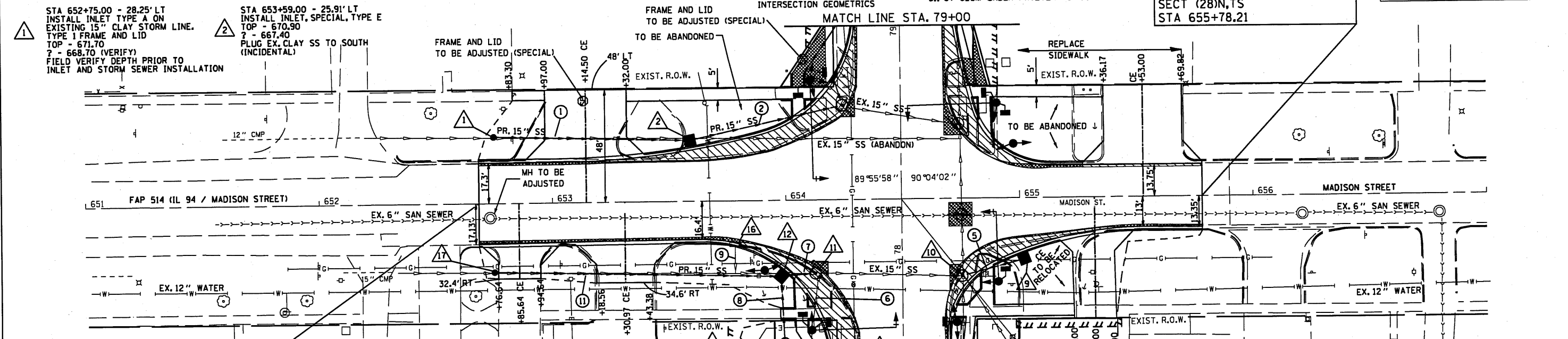
SW 1/4, SEC. 18, T-5N, R-6W, 4TH P.M.

SEE SHEETS 29-32 FOR TRAFFIC SIGNAL DETAILS AND LOCATIONS
SEE SHEET 24 FOR INTERSECTION GEOMETRICS

INSTALL 63 FT 15" STORM SEWER
WATER MAIN REQUIREMENTS
@ 1.48% GRADE
14.2 CY TRENCH BACKFILL BEHIND CURB
5.1 CY CLSM UNDER PAVEMENT & CURB

NW 1/4, SEC. 19, T-5N, R-6W, 4TH P.M.

END CONSTRUCTION - MADISON
SECT (28)N,TS
STA 655+78.21



11 REMOVE 126 FT 15" STORM SEWER
INSTALL 120 FT 15" STORM SEWER
WATER MAIN REQUIREMENTS
@ 0.96% GRADE
10.1 CY TRENCH BACKFILL UNDER DRIVES

BEGIN CONSTRUCTION - IL 94
SECT (28)N,TS
STA 652+68.53

10 INSTALL 8 FT 12" STORM SEWER
CLASS A, TYPE I @ 4.3% SLOPE

9 REMOVE 11 FT 8" STORM SEWER

8 INSTALL 24 FT 15" STORM SEWER
WATER MAIN REQUIREMENTS
@ 1.35% GRADE
6.5 CY TRENCH BACKFILL

7 REMOVE 10 FT 12" STORM SEWER
INSTALL 10 FT 15" STORM SEWER
WATER MAIN REQUIREMENTS
@ 3% GRADE
1.9 CY CLSM UNDER PAVEMENT & CURB

6 REMOVE 29 FT 15" STORM SEWER
4.3 CY CLSM UNDER PAVEMENT AND CURB

17 STA 652+75.00 - 29.6' RT
INSTALL INLET TYPE A ON EXISTING 15" CLAY OR CMP STORM LINE. TYPE I FRAME AND LID
TOP - 671.40
? - 668.40 (VERIFY)
FIELD VERIFY DEPTH PRIOR TO INLET AND STORM SEWER INSTALLATION

16 STA 653+78.19' RT
REMOVE EXISTING INLET
3.1 CY TRENCH BACKFILL

15 STA 654+07.00 - 69' RT
INSTALL INLET, SPECIAL, TYPE E OPENING TO FACE PARKING LOT
TOP - 671.70
? - 667.90

14 STA 654+00.00 - 61' RT
INSTALL INLET, TYPE A, TYPE 8 GRATE (36" DEPTH)
TOP - 670.60
? - 667.60

13 STA 654+09.63' RT
REMOVE EXISTING INLET

LEGEND

- INLET, TYPE A, TYPE I FRAME AND GRATE
- INLET, SPECIAL, TYPE I
- INLET, TYPE A, TYPE 8 GRATE (36" DEPTH)
- INLET, TYPE A, TYPE I FRAME, CLOSED LID
- INLET, SPECIAL, TYPE E
- CLSM CONTROLLED LOW STRENGTH MATERIAL
- PCC BASE COURSE WIDENING 10"
- PAVEMENT REMOVAL

12 STA 654+00.00 - 32.38' RT
INSTALL INLET, SPECIAL, TYPE E
TOP - 670.75
? - 667.25

11 STA 654+12.50 - 31.5' RT
REMOVE EXISTING INLET
INSTALL 4' RD MH, TYPE I FR CLSD LID
TOP - 670.58
? - 666.95

10 STA 654+75.00 - 33.25' RT
REMOVE EXISTING INLET
INSTALL 5' RD MH, TYPE I FR CLSD LID
TOP - 670.59
? - 665.47

5 INSTALL 24 FT 12" STORM SEWER
CLASS A, TYPE I @ 2.3% SLOPE
3.8 CY CLSM UNDER PAVEMENT
7.7 CY TRENCH BACKFILL BEHIND CURB

9 STA 655+01.00 - 26.14' LT
INSTALL INLET, SPECIAL, TYPE E
TOP - 670.38
? - 666.00

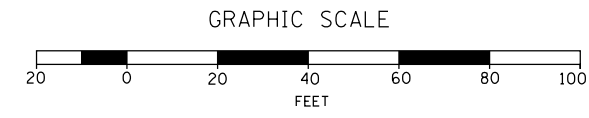
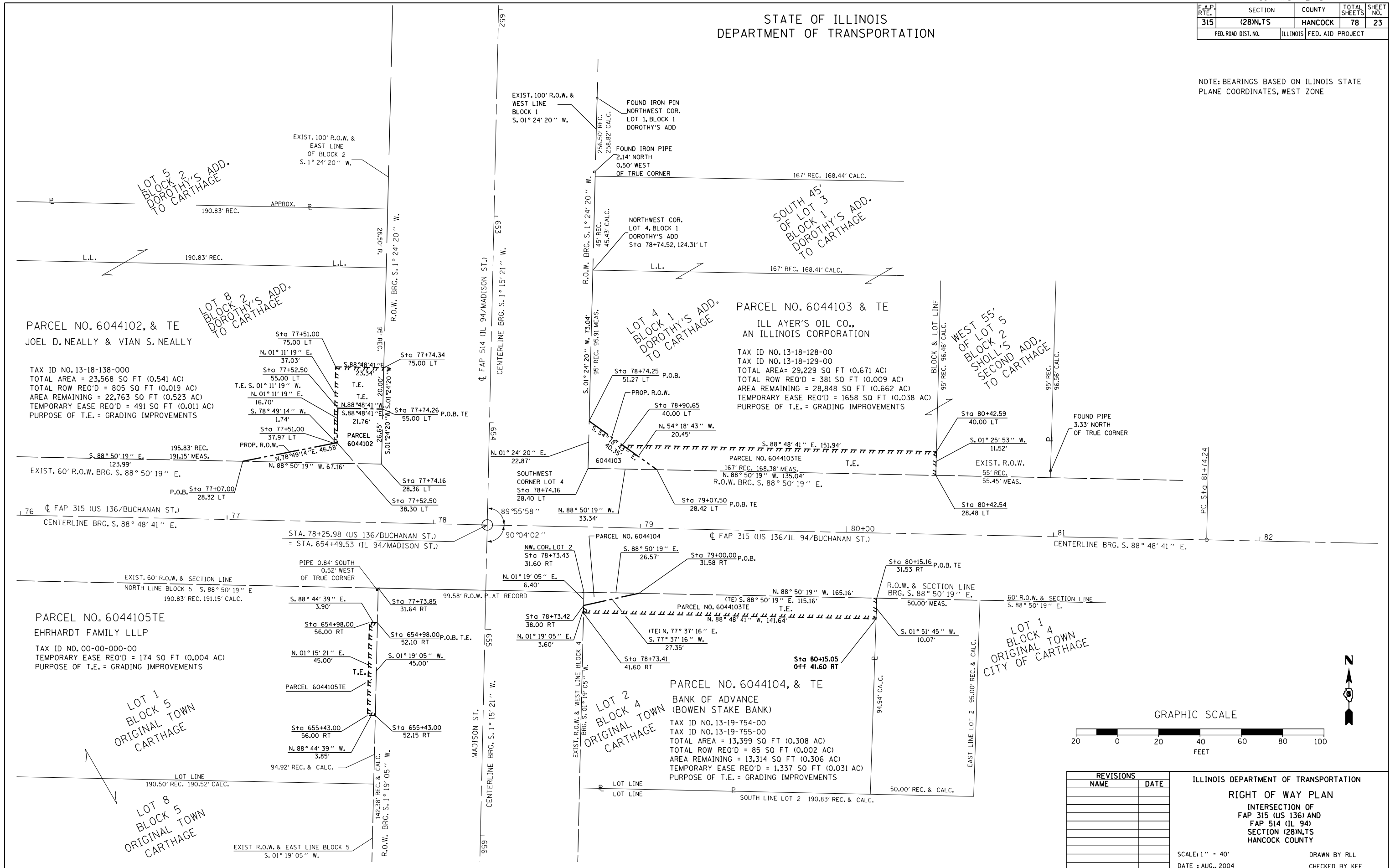
DATE	BY	REVISION

STATION	ELEVATION	DESCRIPTION	STATION	ELEVATION	DESCRIPTION
651+00	672.36		656+00	671.26	
651+50	672.13		656+50	671.45	
652+00	671.88		657+00	671.61	
652+50	671.60				
653+00	671.48				
653+50	671.31				
654+00	671.10				
654+50	670.87				
655+00	670.67				
655+50	671.09				
656+00	671.22				
656+50	671.45				

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	23
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NOTE: BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, WEST ZONE



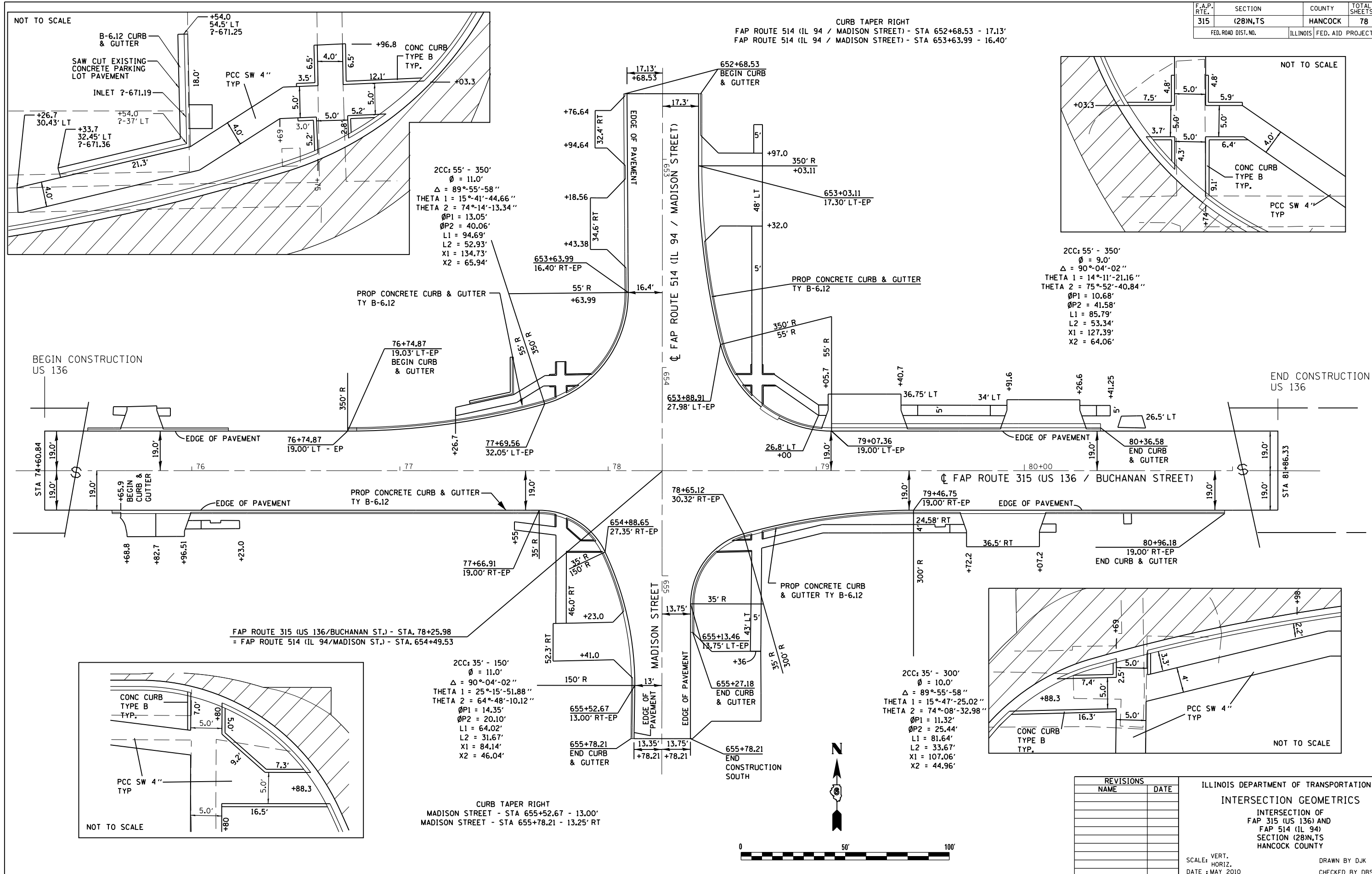
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
INTERSECTION OF
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY

SCALE: 1" = 40'
DATE: AUG., 2004

DRAWN BY RLL
CHECKED BY KEF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N.TS	HANCOCK	78	24
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



2CC: 55' - 350'
 $\phi = 11.0'$
 $\Delta = 89^\circ-55'-58''$
 THETA 1 = $15^\circ-41'-44.66''$
 THETA 2 = $74^\circ-14'-13.34''$
 $\phi P1 = 13.05'$
 $\phi P2 = 40.06'$
 L1 = 94.69'
 L2 = 52.93'
 X1 = 134.73'
 X2 = 65.94'

2CC: 55' - 350'
 $\phi = 9.0'$
 $\Delta = 90^\circ-04'-02''$
 THETA 1 = $14^\circ-11'-21.16''$
 THETA 2 = $75^\circ-52'-40.84''$
 $\phi P1 = 10.68'$
 $\phi P2 = 41.58'$
 L1 = 85.79'
 L2 = 53.34'
 X1 = 127.39'
 X2 = 64.06'

2CC: 35' - 150'
 $\phi = 11.0'$
 $\Delta = 90^\circ-04'-02''$
 THETA 1 = $25^\circ-15'-51.88''$
 THETA 2 = $64^\circ-48'-10.12''$
 $\phi P1 = 14.35'$
 $\phi P2 = 20.10'$
 L1 = 64.02'
 L2 = 31.67'
 X1 = 84.14'
 X2 = 46.04'

2CC: 35' - 300'
 $\phi = 10.0'$
 $\Delta = 89^\circ-55'-58''$
 THETA 1 = $15^\circ-47'-25.02''$
 THETA 2 = $74^\circ-08'-32.98''$
 $\phi P1 = 11.32'$
 $\phi P2 = 25.44'$
 L1 = 81.64'
 L2 = 33.67'
 X1 = 107.06'
 X2 = 44.96'

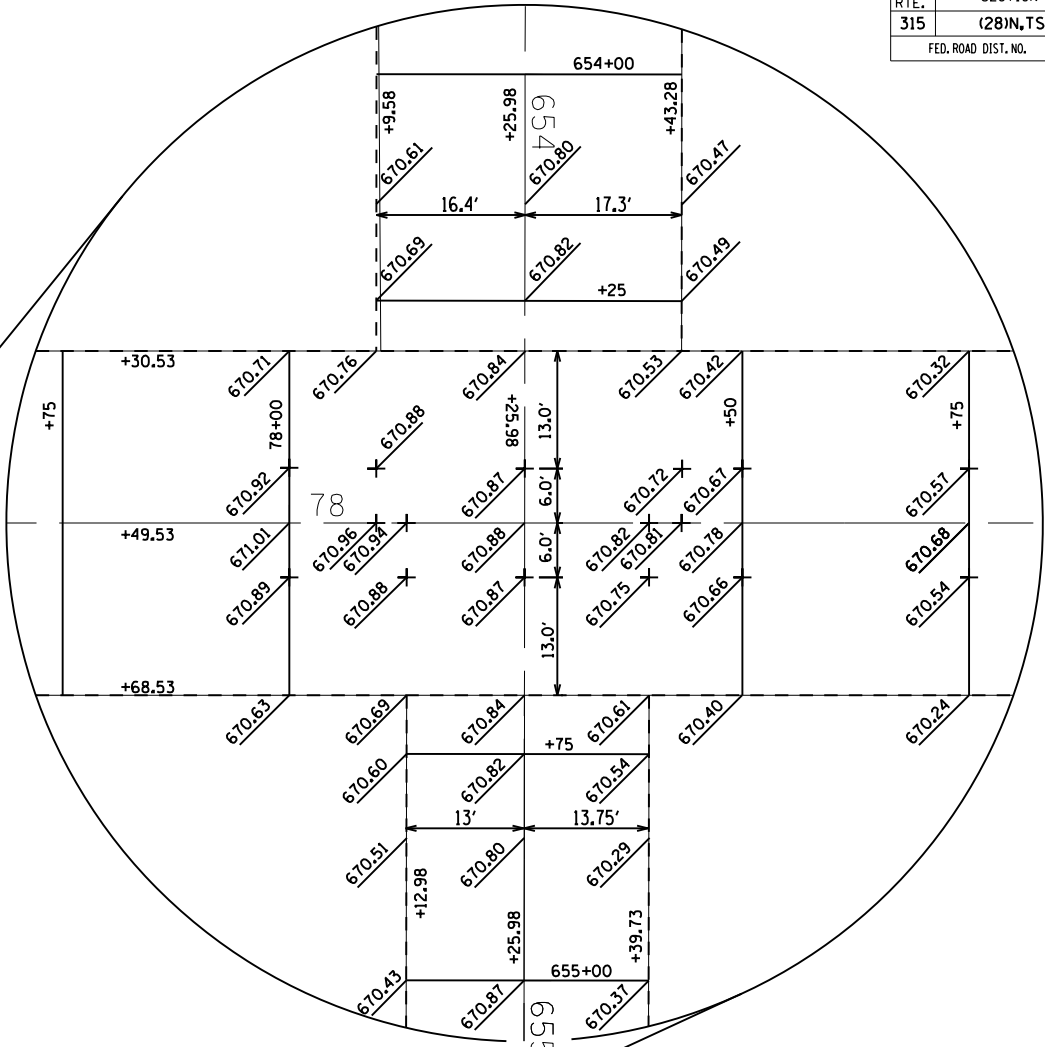
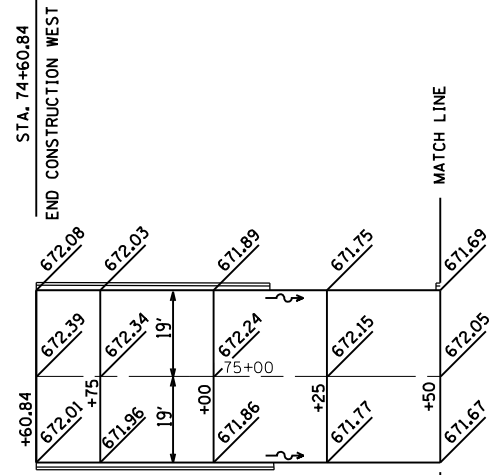
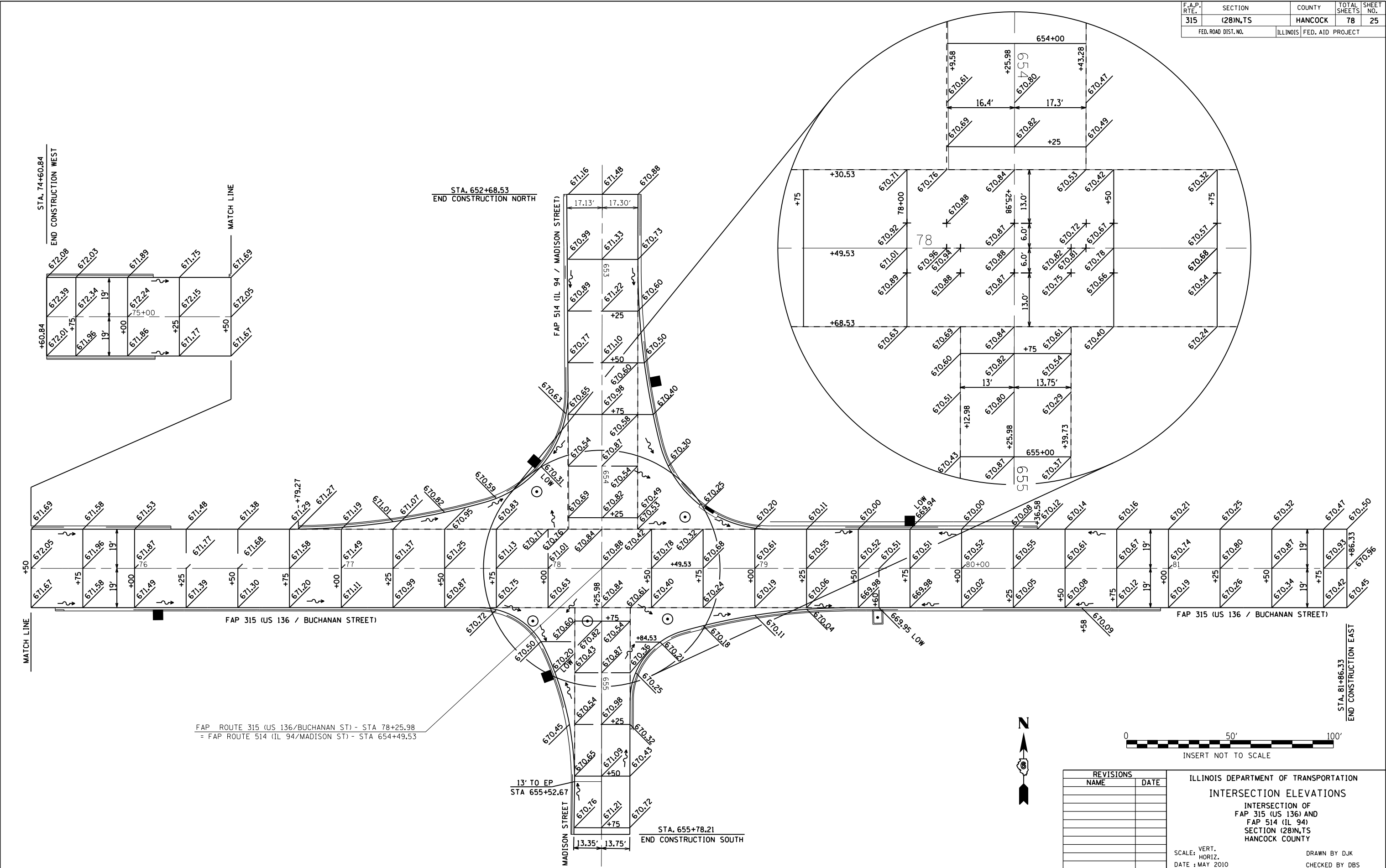
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION GEOMETRICS
 INTERSECTION OF
 FAP 315 (US 136) AND
 FAP 514 (IL 94)
 SECTION (28)N.TS
 HANCOCK COUNTY

VERT. SCALE: 1" = 20'
 HORIZ. SCALE: 1" = 40'
 DATE: MAY 2010

DRAWN BY DJK
 CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	25
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

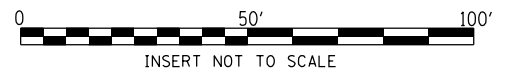


FAP ROUTE 315 (US 136/BUCHANAN ST) - STA 78+25.98
 = FAP ROUTE 514 (IL 94/MADISON ST) - STA 654+49.53

13' TO EP
 STA 655+52.67

STA. 655+78.21
 END CONSTRUCTION SOUTH

STA. 81+86.33
 END CONSTRUCTION EAST

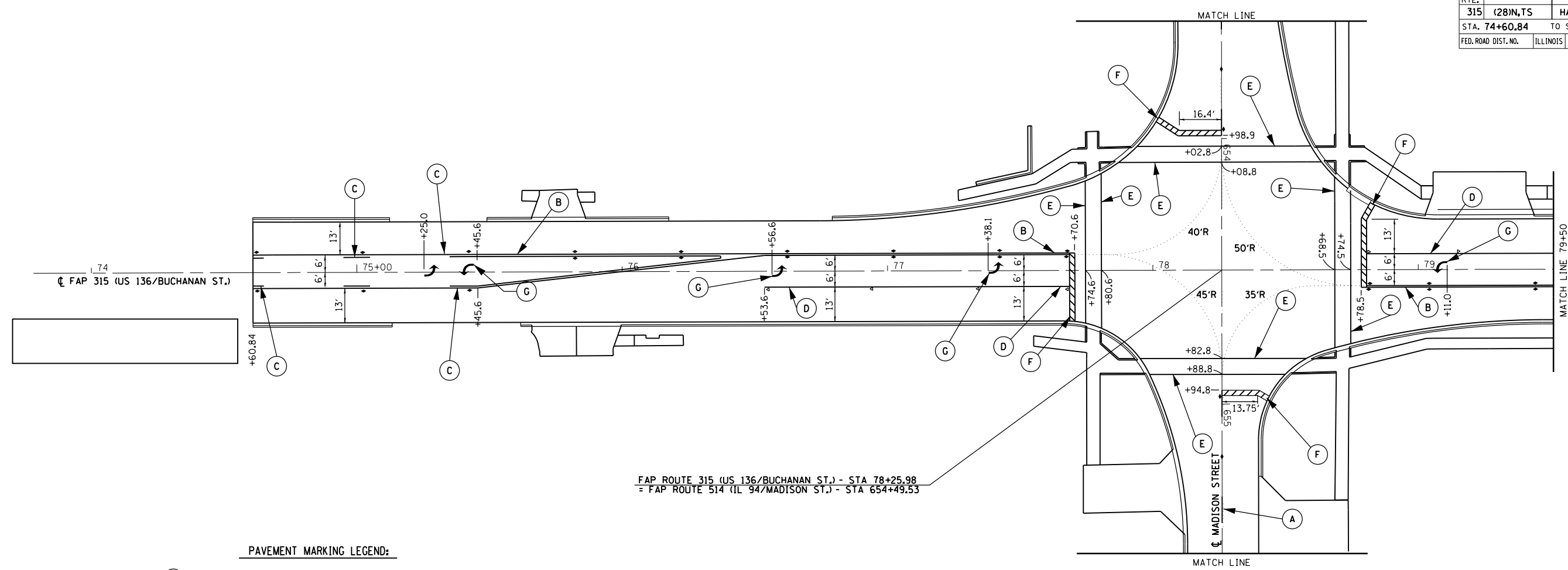


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION ELEVATIONS
 INTERSECTION OF
 FAP 315 (US 136) AND
 FAP 514 (IL 94)
 SECTION (28)N,TS
 HANCOCK COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE: MAY 2010
 DRAWN BY DJK
 CHECKED BY DBS

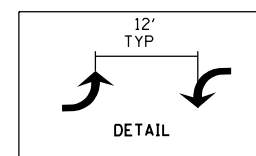
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	26
STA. 74+60.84		TO STA. 79+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FAP ROUTE 315 (US 136/BUCHANAN ST.) - STA 78+25.98
 = FAP ROUTE 514 (IL 94/MADISON ST.) - STA 654+49.53

PAVEMENT MARKING LEGEND:

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5" 30 FT SKIP 10 FT YELLOW DASH
- (B) PREFORMED PAVEMENT MARKING - LINE 5" DUAL SOLID YELLOW
- (C) PREFORMED PAVEMENT MARKING - LINE 5" DUAL LEFT TURN LANE 30 FT SKIP 10 FT YELLOW DASH & SOLID YELLOW
- (D) PREFORMED PAVEMENT MARKING - LINE 6" TURN LANE EDGE LINE, SOLID WHITE
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" CROSSWALK, SOLID WHITE
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" STOP BARS, SOLID WHITE
- (G) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS URBAN TURN ARROWS, SOLID WHITE
- ◆ RAISED MARKER AMBER TWO-WAY
- ◁ RAISED MARKER CRYSTAL ONE-WAY



DIMENSIONS SHOWN ARE EDGE OF PAVEMENT TO CENTER OF STRIPE, CENTERLINE OF STREET TO CENTER OF STRIPE OR EDGE OF PAVEMENT TO CENTER OF DOUBLE STRIPE.

PAVEMENT MARKING GENERAL NOTES:

1. TEMPORARY PAINT PAVEMENT MARKING IN ACCORDANCE WITH SECTION 703 OF THE STANDARD SPECIFICATIONS SHALL BE INSTALLED WHEN PERMANENT MARKINGS CANNOT BE INSTALLED WITHIN THE TIME RESTRICTIONS SPECIFIED.
2. CONFLICTING PAVEMENT MARKINGS AND SYMBOLS SHALL BE REMOVED.
3. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO STANDARD 781001.



GRAPHIC SCALE



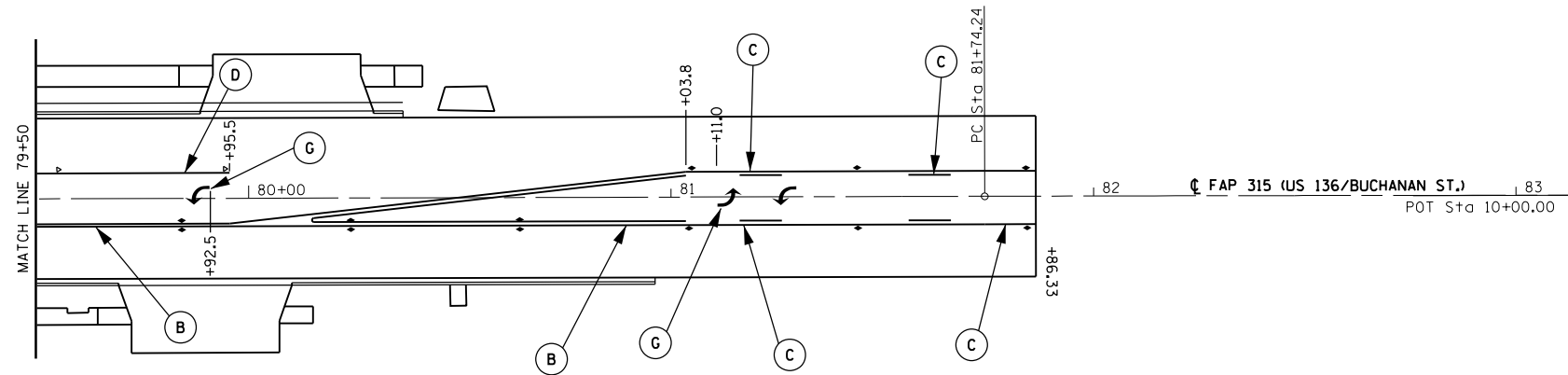
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
 SHEET 1 OF 3
 FAP 315 (US 136) AND
 FAP 514 (IL 94)
 SECTION (28)N,TS
 HANCOCK COUNTY

SCALE:
 DATE : MAY 2010

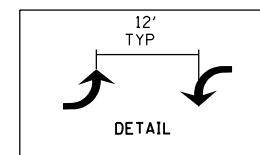
DRAWN BY: DJK
 CHECKED BY: DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	27
STA. 79+50		TO STA. 81+86.33		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING LEGEND:

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5" 30 FT SKIP 10 FT YELLOW DASH
- (B) PREFORMED PAVEMENT MARKING - LINE 5" DUAL SOLID YELLOW
- (C) PREFORMED PAVEMENT MARKING - LINE 5" DUAL LEFT TURN LANE 30 FT SKIP 10 FT YELLOW DASH & SOLID YELLOW
- (D) PREFORMED PAVEMENT MARKING - LINE 6" TURN LANE EDGE LINE, SOLID WHITE
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" CROSSWALK, SOLID WHITE
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" STOP BARS, SOLID WHITE
- (G) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS URBAN TURN ARROWS, SOLID WHITE
- ◆ RAISED MARKER AMBER TWO-WAY
- ◁ RAISED MARKER CRYSTAL ONE-WAY



DIMENSIONS SHOWN ARE EDGE OF PAVEMENT TO CENTER OF STRIPE, CENTERLINE OF STREET TO CENTER OF STRIPE OR EDGE OF PAVEMENT TO CENTER OF DOUBLE STRIPE.



GRAPHIC SCALE



PAVEMENT MARKING GENERAL NOTES:

1. TEMPORARY PAINT PAVEMENT MARKING IN ACCORDANCE WITH SECTION 703 OF THE STANDARD SPECIFICATIONS SHALL BE INSTALLED WHEN PERMANENT MARKINGS CANNOT BE INSTALLED WITHIN THE TIME RESTRICTIONS SPECIFIED.
2. CONFLICTING PAVEMENT MARKINGS AND SYMBOLS SHALL BE REMOVED.
3. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO STANDARD 781001.

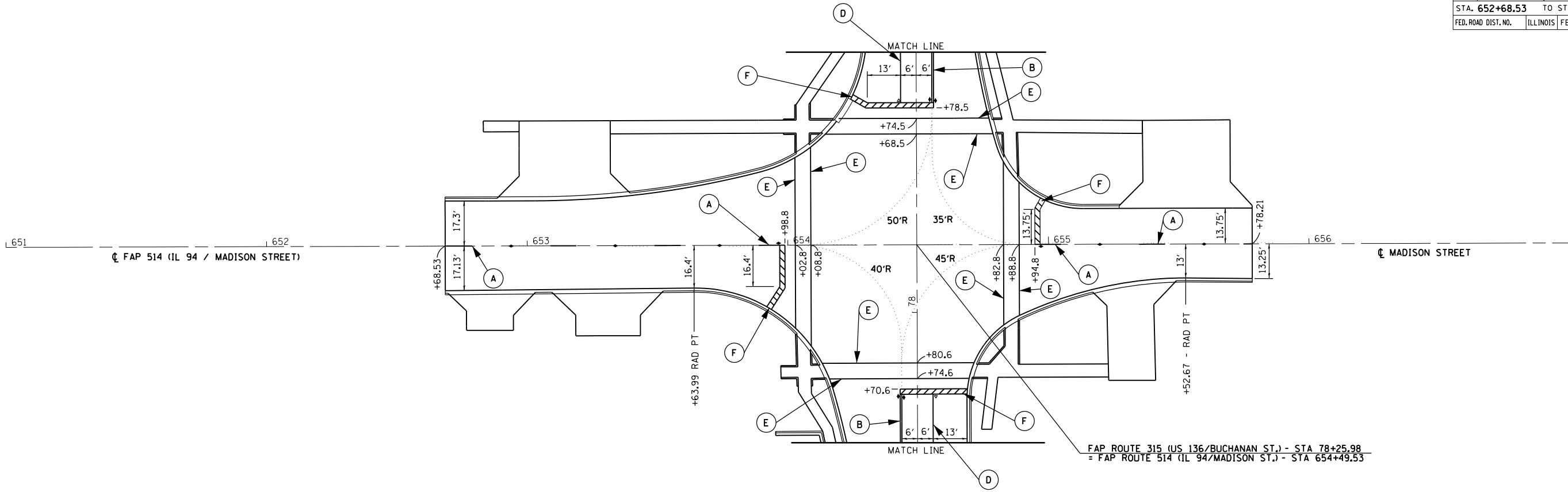
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
 SHEET 2 OF 3
 FAP 315 (US 136) AND
 FAP 514 (JL 94)
 SECTION (28)N,TS
 HANCOCK COUNTY

SCALE:
 DATE : MAY 2010

DRAWN BY: DJK
 CHECKED BY: DBS

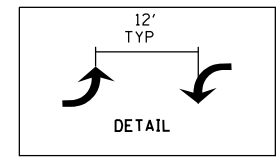
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	28
STA. 652+68.53		TO STA. 655+78.21		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FAP ROUTE 315 (US 136/BUCHANAN ST.) - STA 78+25.98
 = FAP ROUTE 514 (IL 94/MADISON ST.) - STA 654+49.53

PAVEMENT MARKING LEGEND:

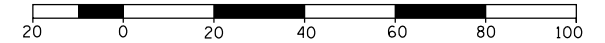
- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5" 30 FT SKIP 10 FT YELLOW DASH
- (B) PREFORMED PAVEMENT MARKING - LINE 5" DUAL SOLID YELLOW
- (C) PREFORMED PAVEMENT MARKING - LINE 5" DUAL LEFT TURN LANE 30 FT SKIP 10 FT YELLOW DASH & SOLID YELLOW
- (D) PREFORMED PAVEMENT MARKING - LINE 6" TURN LANE EDGE LINE, SOLID WHITE
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" CROSSWALK, SOLID WHITE
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" STOP BARS, SOLID WHITE
- (G) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS URBAN TURN ARROWS, SOLID WHITE
- ◆ RAISED MARKER AMBER TWO-WAY
- ◁ RAISED MARKER CRYSTAL ONE-WAY



DIMENSIONS SHOWN ARE EDGE OF PAVEMENT TO CENTER OF STRIPE, CENTERLINE OF STREET TO CENTER OF STRIPE OR EDGE OF PAVEMENT TO CENTER OF DOUBLE STRIPE.



GRAPHIC SCALE



PAVEMENT MARKING GENERAL NOTES:

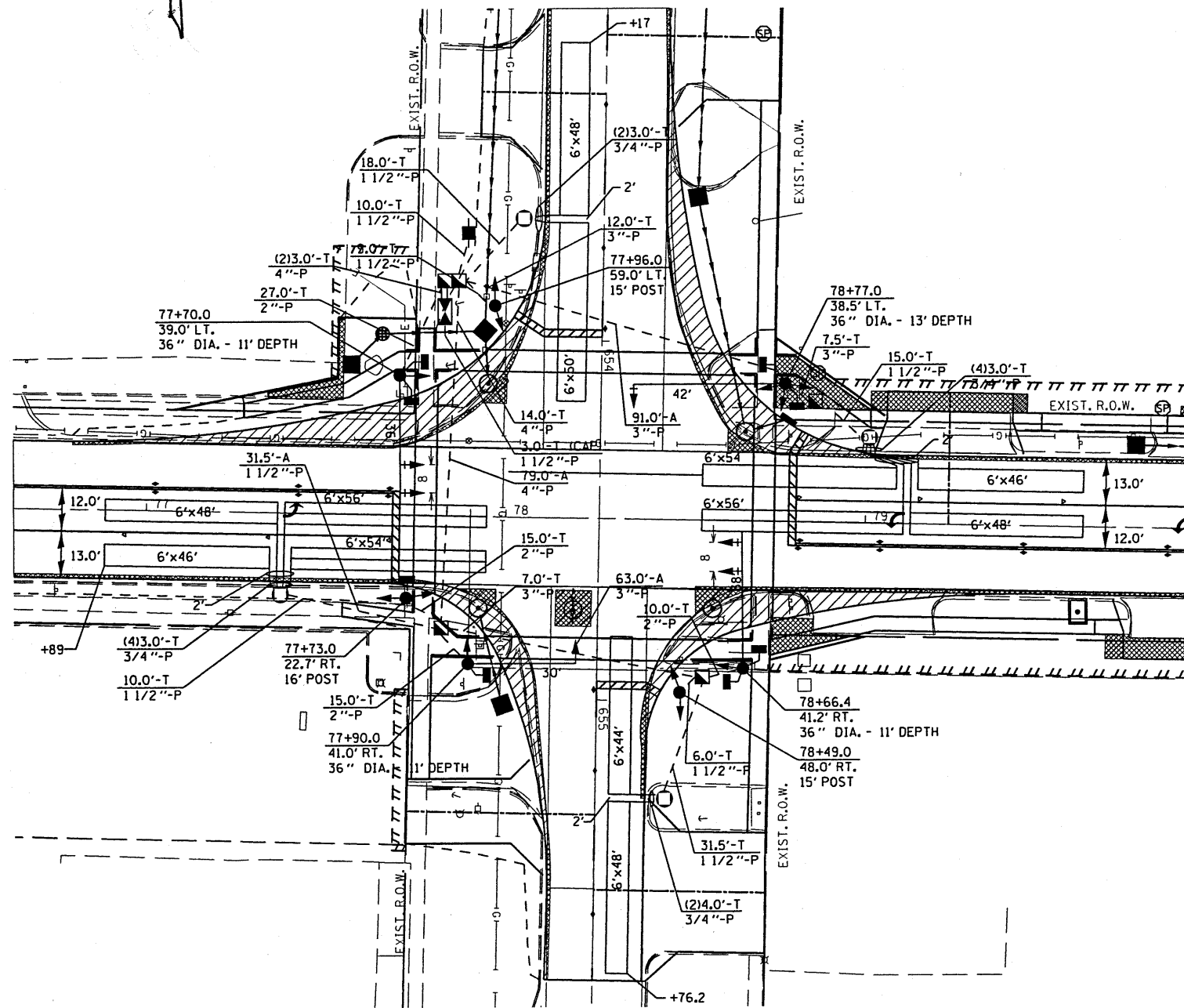
1. TEMPORARY PAINT PAVEMENT MARKING IN ACCORDANCE WITH SECTION 703 OF THE STANDARD SPECIFICATIONS SHALL BE INSTALLED WHEN PERMANENT MARKINGS CANNOT BE INSTALLED WITHIN THE TIME RESTRICTIONS SPECIFIED.
2. CONFLICTING PAVEMENT MARKINGS AND SYMBOLS SHALL BE REMOVED.
3. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO STANDARD 781001.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
 SHEET 3 OF 3
 FAP 315 (US 136) AND
 FAP 514 (IL 94)
 SECTION (28)N,TS
 HANCOCK COUNTY

SCALE: DATE : MAY 2010

DRAWN BY: DJK
 CHECKED BY: DBS



QUANTITY	UNIT	ITEM
28	SQ FT	SIGN PANEL, TYPE I
1	EACH	SERVICE INSTALLATION, TYPE A
1	EACH	WOOD POLE, 25 FT., CLASS 4
38.0	FOOT	CONDUIT IN TRENCH, 3/4" DIA., PVC
102.5	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
67.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
26.5	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
20.0	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
31.5	FOOT	CONDUIT, AUGERED, 1 1/2" DIA., PVC
154.0	FOOT	CONDUIT, AUGERED, 3" DIA., PVC
79.0	FOOT	CONDUIT, AUGERED, 4" DIA., PVC
4	EACH	JUNCTION BOX (SPECIAL)
3	EACH	HANDHOLE
1	EACH	DOUBLE HANDHOLE
254.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
4	EACH	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTOCCELL CONTROL, 250 WATT
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET
1	EACH	TRANSCEIVER
1	EACH	MASTER CONTROLLER
285.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 2/C
713.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 3/C
1255.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5/C
371.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7/C
410.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 9/C
152.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 12/C
270.0	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18, 3 PAIR
307.0	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18, 6 PAIR
35.0	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6, 3/C
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT.
1	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 30 FT. (SPECIAL)
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 42 FT. (SPECIAL)
9.0	FOOT	CONCRETE FOUNDATION, TYPE A
3.0	FOOT	CONCRETE FOUNDATION, TYPE D
46.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER
9	EACH	TRAFFIC SIGNAL BACKPLATE
12	EACH	INDUCTIVE LOOP DETECTOR
1697.0	FOOT	DETECTOR LOOP, TYPE I
8	EACH	PEDESTRIAN PUSHBUTTON
2	EACH	TWIN TENON, STEEL
359.5	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER
3	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER

Rev.

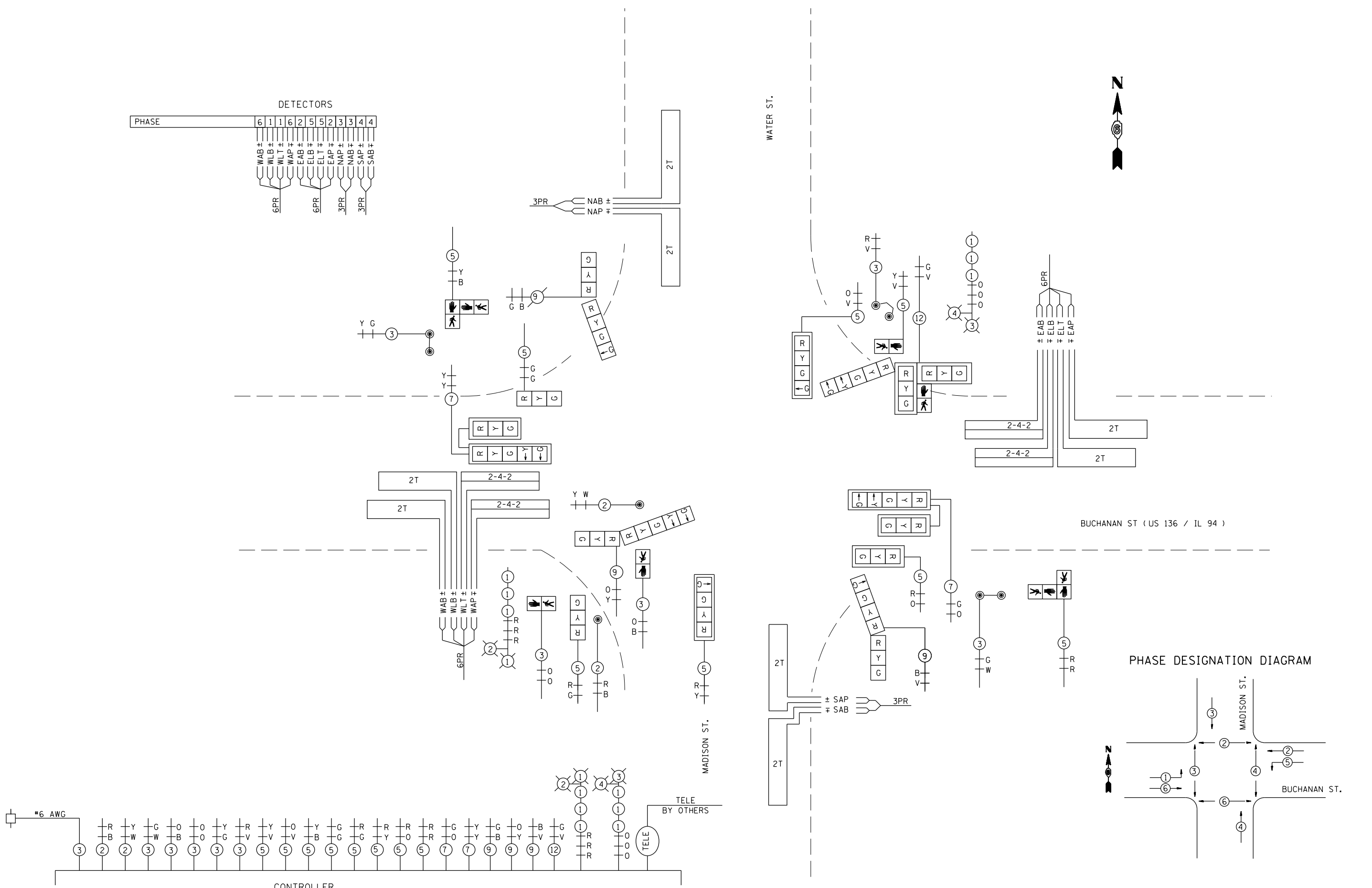
FILE NAME =	USER NAME = laughlinr	DESIGNED - WCD	REVISED -
c:\pwork\pudat\laughlinr\100238610\19	15.Sheets.dgn	DRAWN - CAD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - WCD	REVISED -
	PLOT DATE = Aug-27-2010 01:47:34PM	DATE - 12/3/99	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
315	28N,TS	HANCOCK	78 29
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT
CONTRACT NO. 72775			

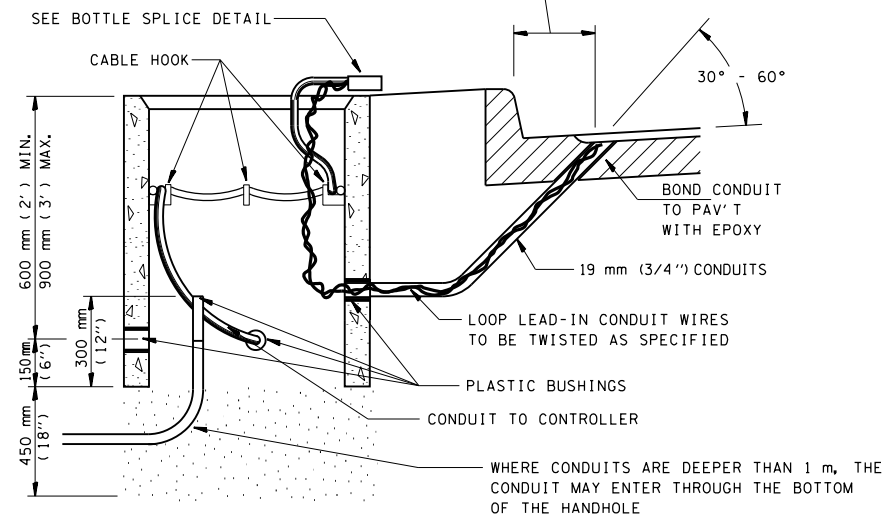
DETECTORS										
PHASE	6	1	1	6	2	5	2	3	3	4
	WAB ±	WLB ±	WLT ±	WAP ±	EAB ±	ELB ±	ELT ±	EAP ±	NAB ±	SAB ±
	6PR			6PR			3PR		3PR	



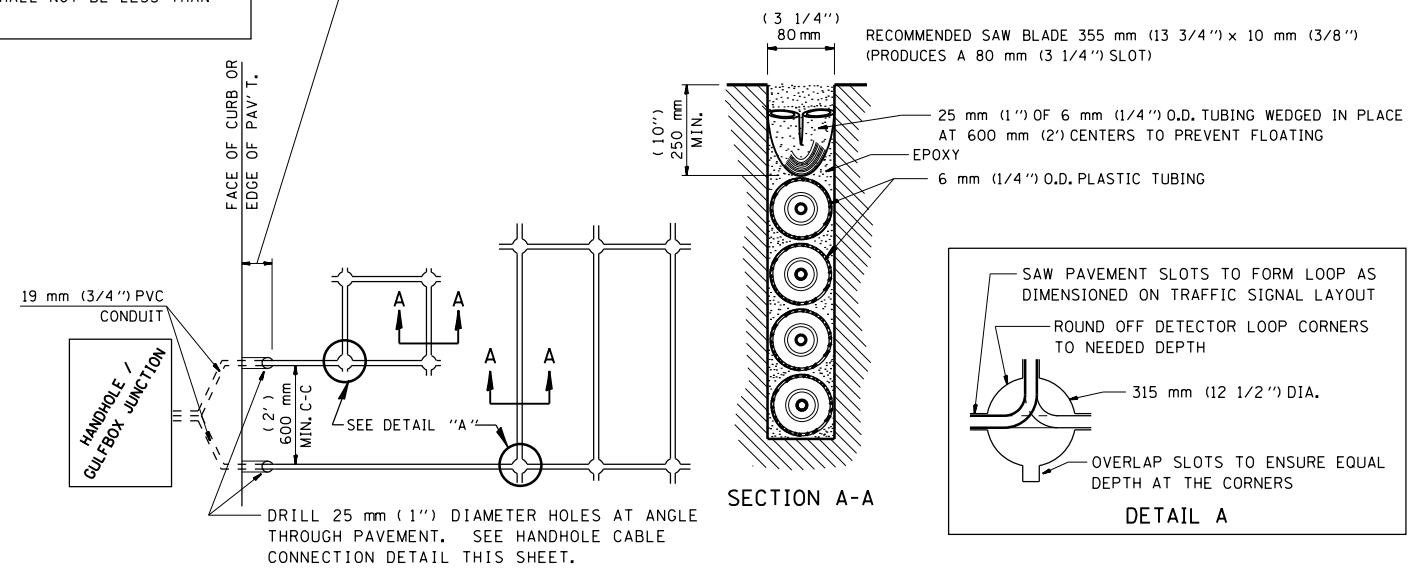
FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\laughlinc1\0238618\19-TS_Sheets.dgn	DRAWN -	REVISED -	315					28N,TS	HANCOCK	78	30	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72775									
PLOT DATE = Aug-27-2010 01:47:35PM	DATE -	REVISED -	FED. ROAD DIST. NO.					ILLINOIS FED. AID PROJECT				

LENGTH OF SLACK FOR LOOP LEAD-INS SHALL PROVIDE FOR MAKING THE SPLICE ON TOP OF THE HANDHOLE AND ONE COMPLETE LOOP OF THE INTERIOR OF THE HANDHOLE. THE SPLICE SHALL BE SUPPORTED BY A CABLE HOOK.

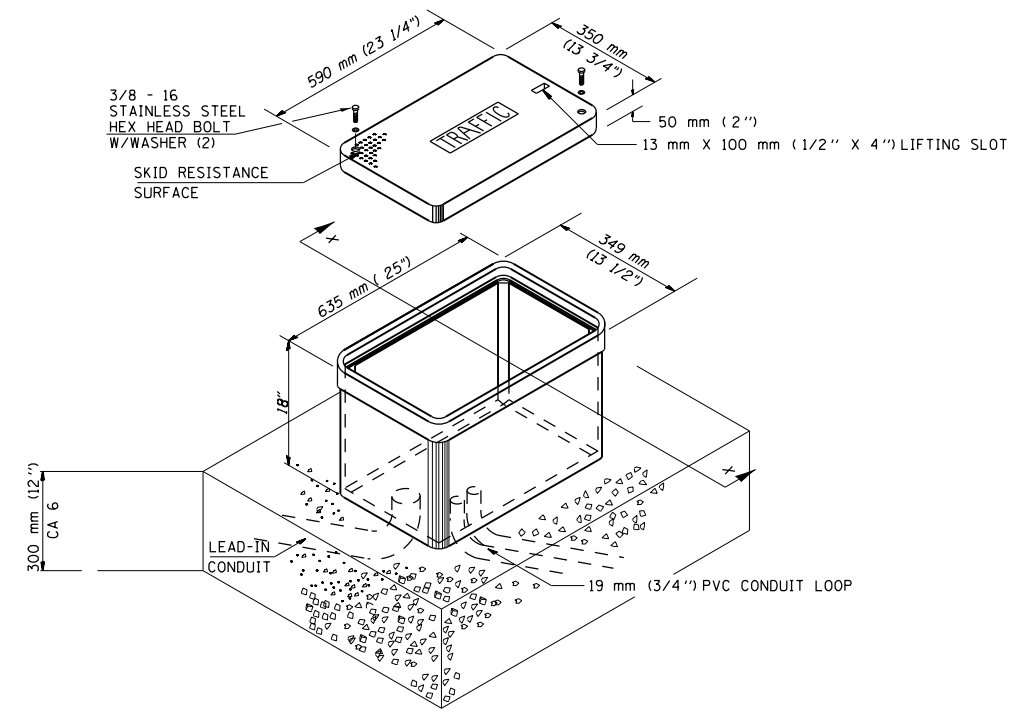
THE LOOP LEAD-IN CONDUIT HOLES SHALL BE PLACED AS CLOSE TO THE CURB AS POSSIBLE TO PERMIT SAW OVERLAP WITHOUT SCARRING FACE OF CURB.
IN NON-CURB LOCATIONS THE DISTANCE SHALL NOT BE LESS THAN 150 mm (6").



HANDHOLE CABLE CONNECTIONS

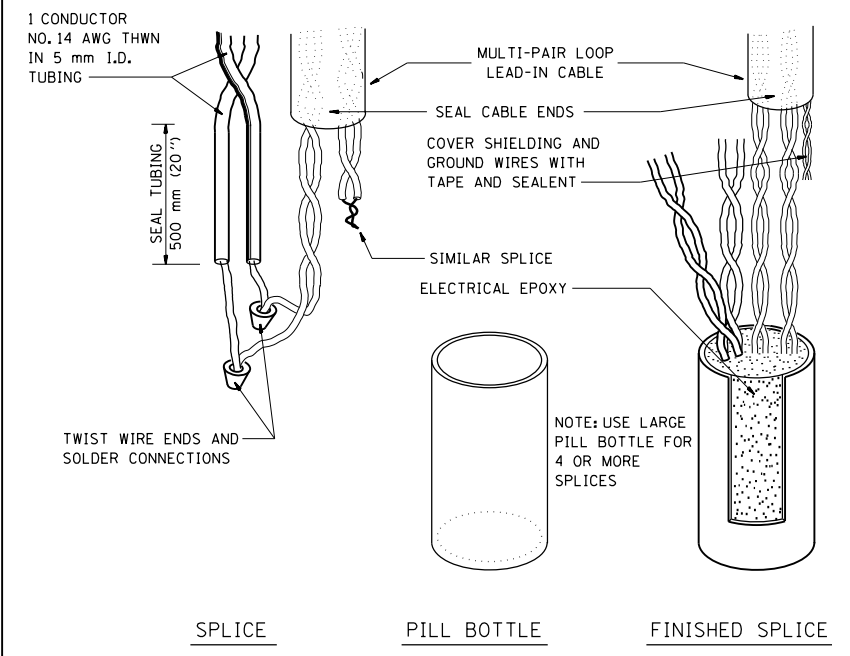
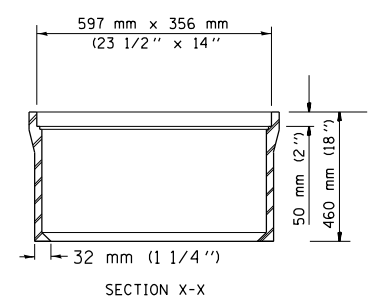


PAVEMENT SAWING DETAIL FOR TUBE ENCASED DETECTOR LOOP WIRE



MINIMUM DIMENSIONS

GULFBOX JUNCTION (SPECIAL)



BOTTLE SPLICE DETAIL

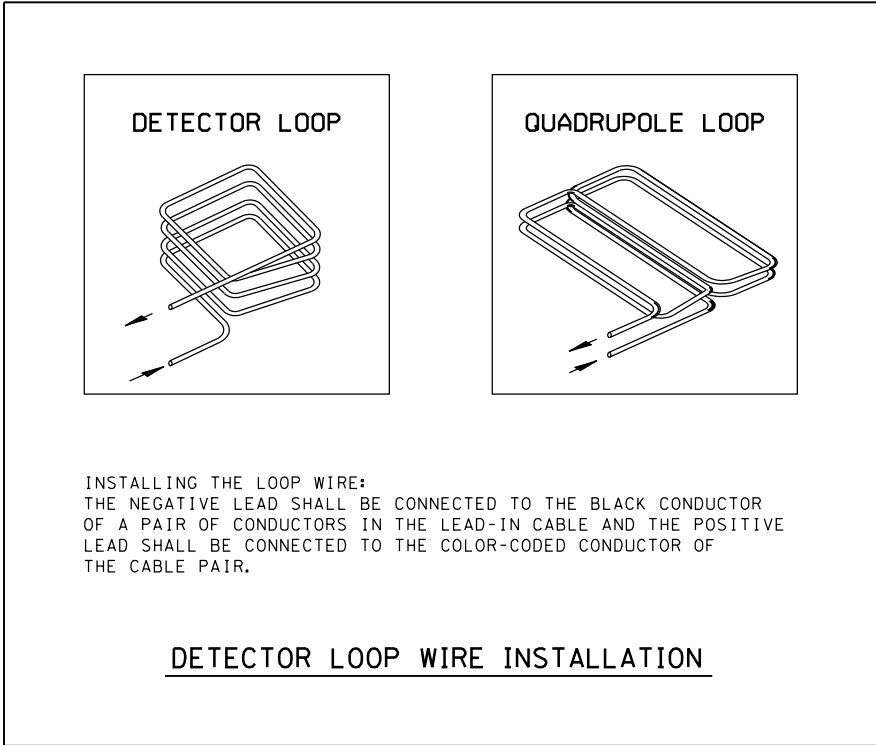
FILE NAME =	USER NAME = laughl1n1	DESIGNED - WDC	REVISED -
et:\pw\work\p1dot\laughl1n1\0238618\19-TS_Sheets.dgn		DRAWN - CAD	REVISED -
DETLOOP.DGN	PLOT SCALE = 48.0000' / in.	CHECKED - WCD	REVISED -
	PLOT DATE = Aug-27-2010 01:47:35PM	DATE - 5/02/96	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	28N,TS	HANCOCK	78	31
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	72775

LOOP DESIGNATION	NUMBER OF TURNS	READING @ HANDHOLE OR JUNCTION BOX				READING @ CONTROLLER				LOOP DESIGNATION	NUMBER OF TURNS	READING @ HANDHOLE OR JUNCTION BOX				READING @ CONTROLLER			
		CALCULATED		METERED		CALCULATED		METERED				CALCULATED		METERED		CALCULATED		METERED	
		$\mu\eta$	Ω	$\mu\eta$	Ω	$\mu\eta$	Ω	$\mu\eta$	Ω			$\mu\eta$	Ω	$\mu\eta$	Ω	$\mu\eta$	Ω	$\mu\eta$	Ω
EAP	2-4-2	453	1.30			466	3.19												
EAB	2	177	0.65			190	2.54												
ELT	2-4-2	472	1.42			485	3.30												
ELB	2	186	0.73			199	2.62												
WAP	2-4-2	451	1.25			466	3.36												
WAB	2	175	0.59			189	2.70												
WLT	2-4-2	470	1.37			484	3.48												
WLB	2	184	0.68			198	2.79												
SAP	2	168	0.58			188	3.55												
SAB	2	182	0.62			202	3.59												
NAP	2	195	0.66			199	1.21												
NAB	2	188	0.64			192	1.19												



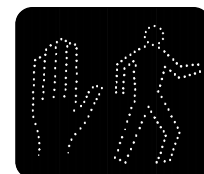
- DETECTOR NOTES:
1. THE DETECTOR LOOP SHALL BE CENTERED IN THE LANE IN WHICH IT IS SHOWN. ANY ADJUSTMENTS ARE TO BE MADE ONLY AT THE DIRECTION OF THE ENGINEER.
 2. THE DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
 3. ACCEPTANCE OF THE LOOPS AS METERED SHALL BE DETERMINED BY THE ENGINEER.
 4. ALL DETECTOR WIRES SHALL BE MARKED WITH WATERPROOF LABELS USING THE WIRING IDENTIFICATION SHOWN ON THE PLANS. THE + AND - OF EACH LOOP MUST BE USED TO IDENTIFY CURRENT FLOW. ALWAYS CONNECT THE BLACK WIRE OF EACH PAIR TO THE NEGATIVE (-) LOOP WIRE.
 5. ALL QUADRAPOLE LOOPS SHALL BE 2-4-2 DESIGN.

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT LENGTH - CONSTRUCTION (T=TRENCH P=PUSHED A=AUGERED E=EXISTING) SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT U=UNI-DUCT)
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		SIDEWALK REMOVAL IN SQ M (SQ FT)
		PC CONC SDWLK 100 mm IN SQ M (SQ YD)
		PC CONC SDWLK 100 mm SPECIAL IN SQ M (SQ YD)

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		200 mm (8") SIGNAL SECTION
		300 mm (12") SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		225 mm (9") PEDESTRIAN SIGNAL FACE
		300 mm (12") PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN (TWISTED)
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR
		VIDEO DETECTION CAMERA
		EMERGENCY VEHICLE PREEMPTOR



FILE NAME =	USER NAME = laughl1n1	DESIGNED - WCD	REVISED -
et:\pwork\pwork\laughl1n1\0238618\19-	TS_Sheets.dgn	DRAWN - CAD	REVISED -
DETLOOP.DGN	PLOT SCALE = 40.0000' / in.	CHECKED - WCD	REVISED -
	PLOT DATE = Aug-27-2010 01:47:36PM	DATE - 12/3/99	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

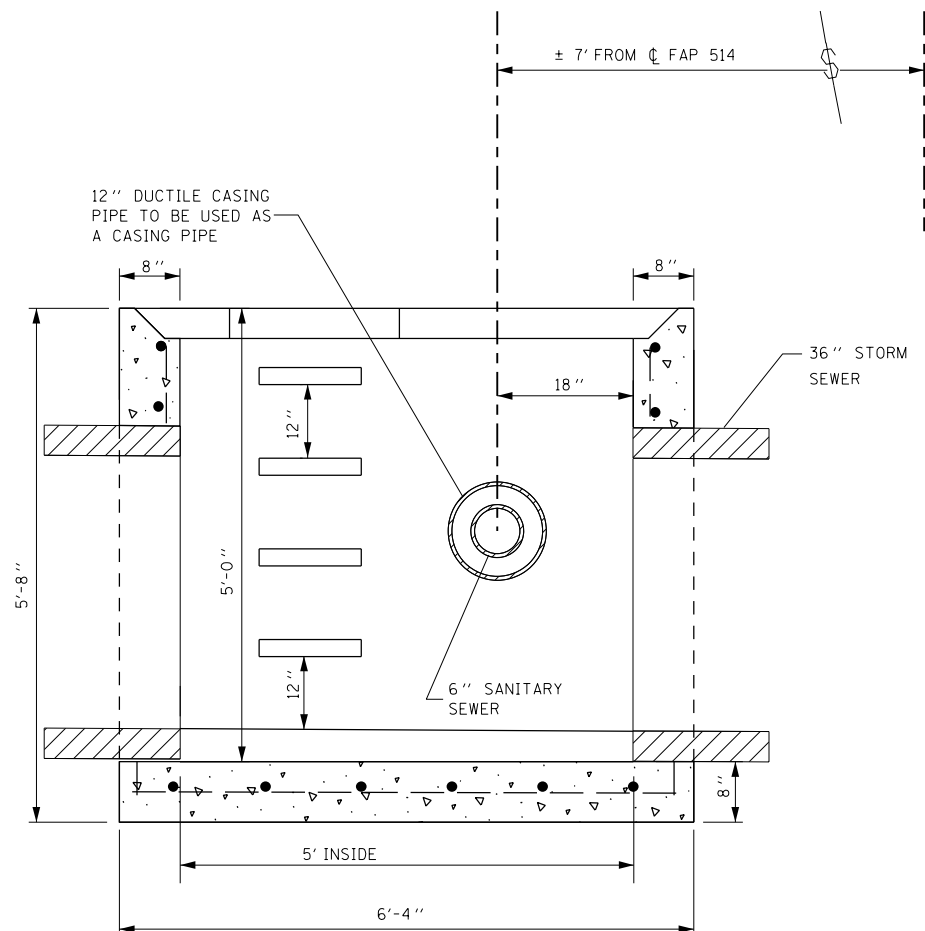
LEGEND FOR TRAFFIC SIGNAL DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

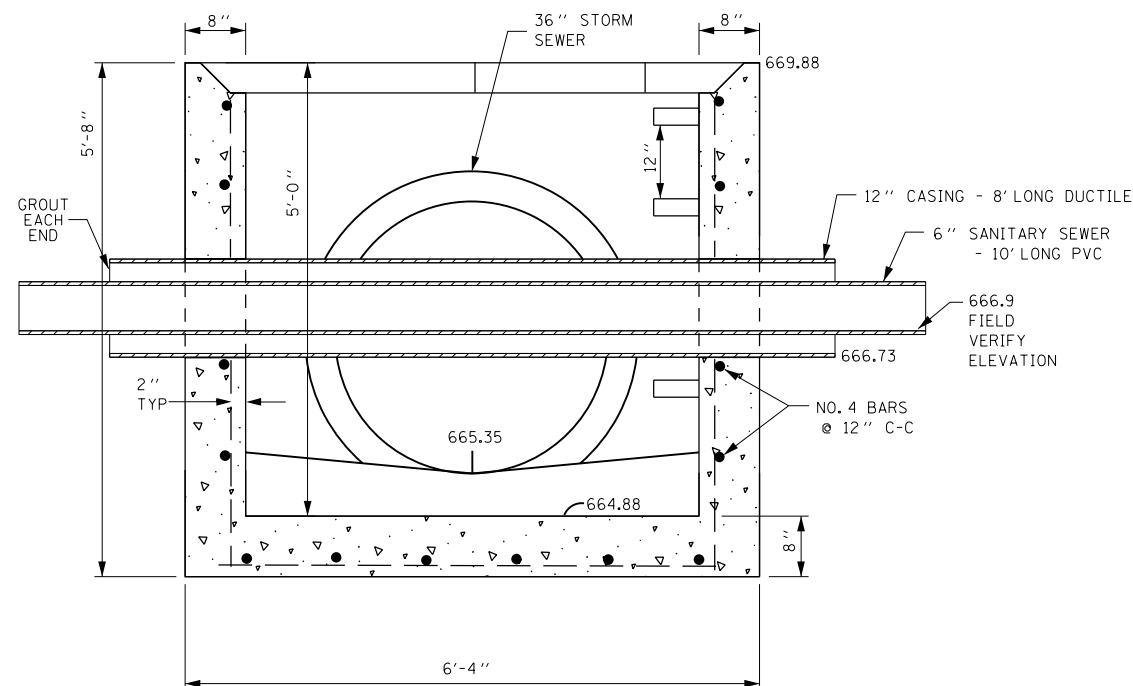
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	28N,TS	HANCOCK	78	33
CONTRACT NO. 72775				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	34
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT 72775

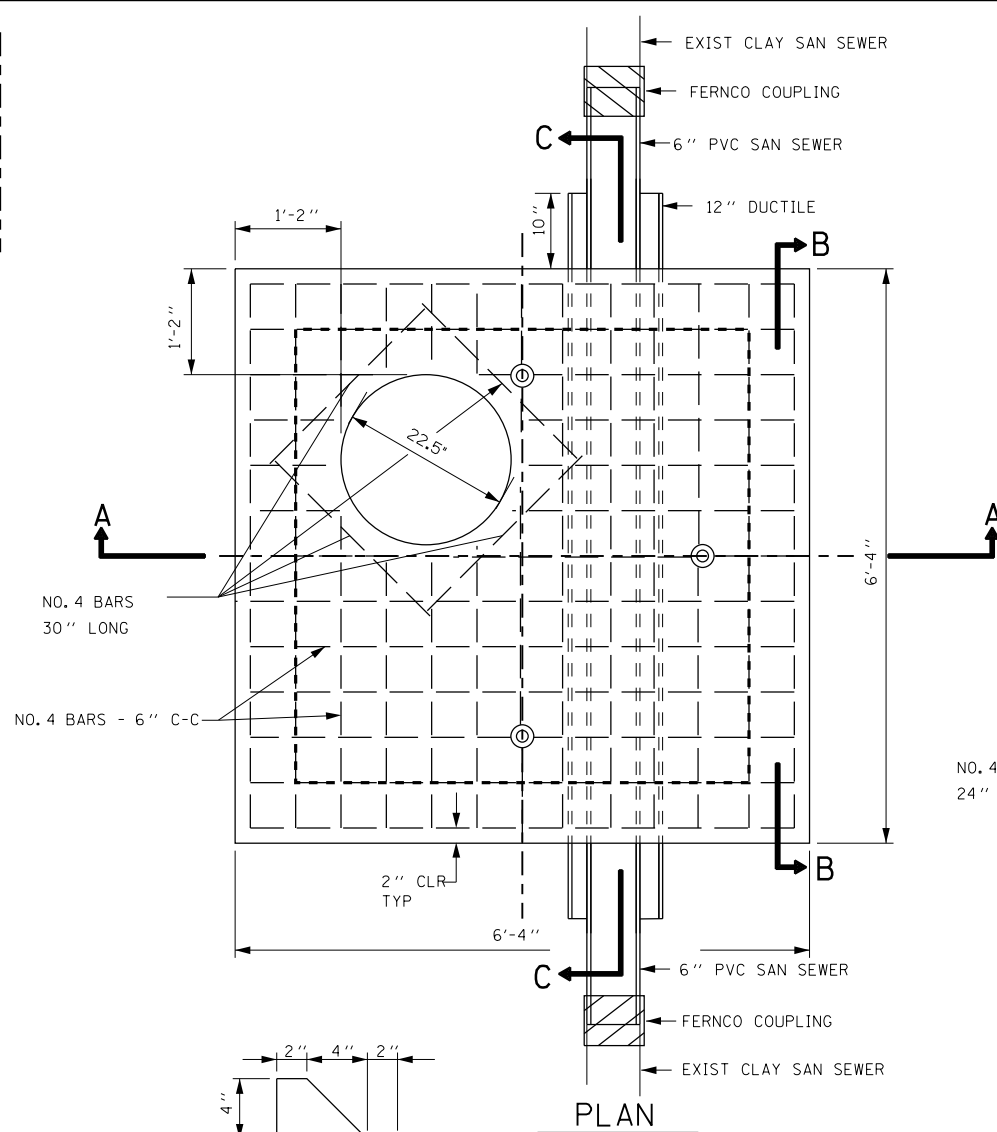


SECTION A-A
LOOKING NORTH

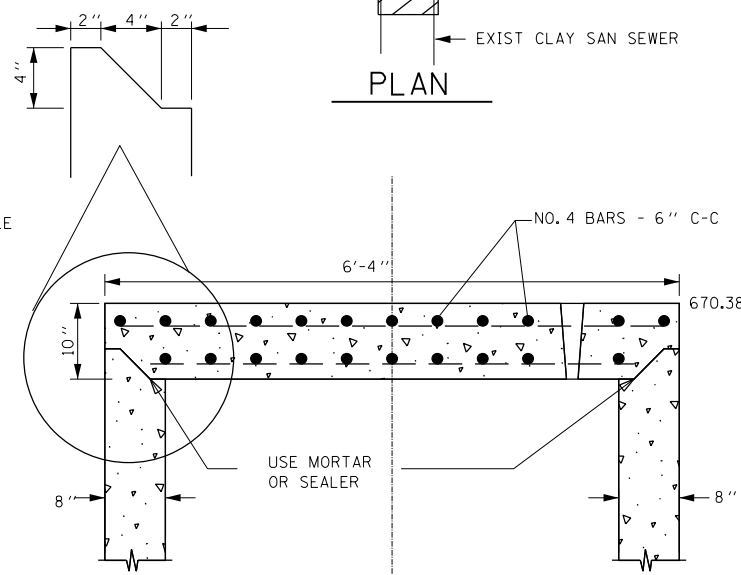


SECTION C-C

NOTE: USE APPROVED FERNCO COUPLING (OR EQUAL) AT EACH END OF 10' PIECE OF 6" SANITARY SEWER TO ATTACH TO EXISTING 6 INCH CLAY SANITARY SEWER.

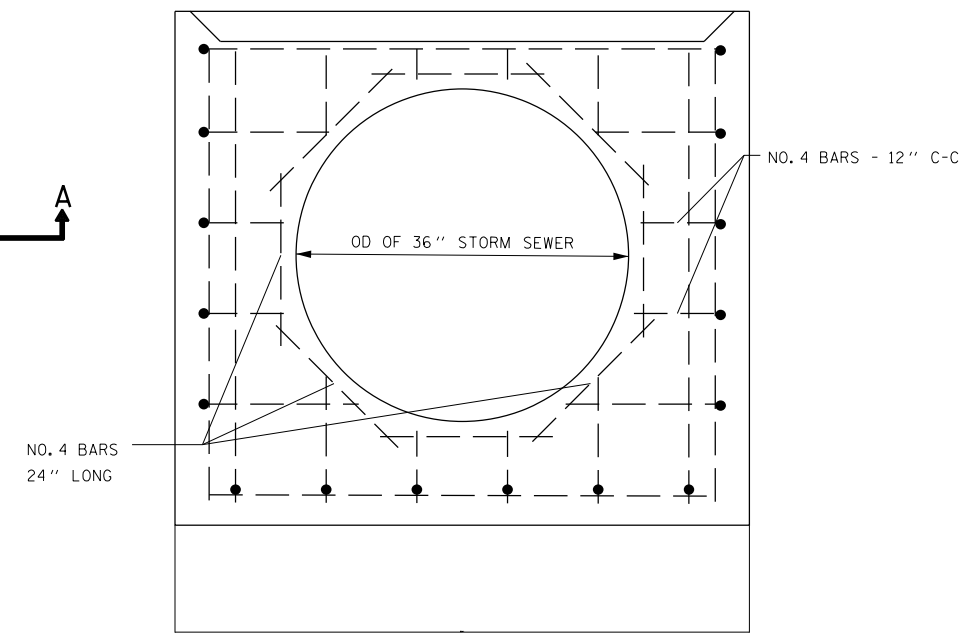


PLAN



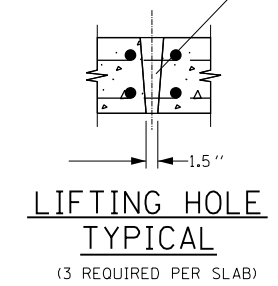
SECTION A-A

NOTE: TOP OF REINFORCED CONCRETE FLAT SLAB TO BE 4" BELOW FINISH INTERSECTION GRADE.



SECTION B-B

PLUG AND SEAL WITH MASTIC AFTER INSTALLATION



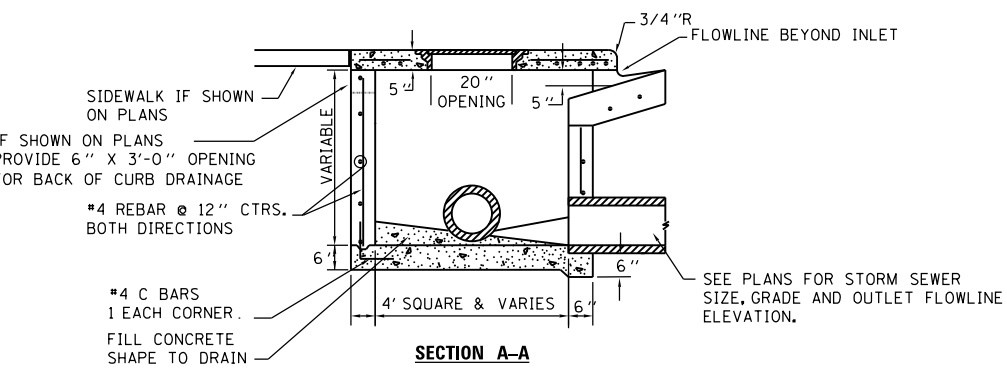
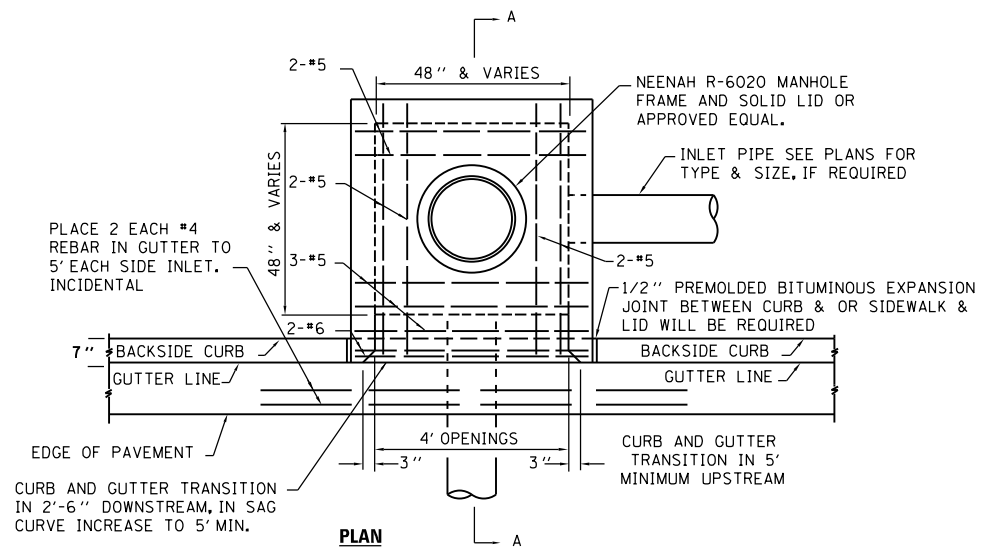
LIFTING HOLE
TYPICAL
(3 REQUIRED PER SLAB)

GENERAL NOTES

1. THE CONTRACT UNIT PRICE BID PER EACH FOR "INSTALLING CONCRETE MANHOLE" SHALL INCLUDE THE COST FOR THE STEPS, THE FRAME AND LID, THE REINFORCED CONCRETE COVER, EXCAVATION, AND ALL REINFORCEMENT. FURNISHING THE SPECIFIED CONTROLLED LOW STRENGTH BACKFILL MATERIAL, THE 12" DUCTILE CARRIER PIPE, THE 6" PVC SANITARY PIPE AND THE COUPLINGS NEEDING TO CONNECT BACK TO THE EXISTING SYSTEM WILL ALL BE PAID FOR SEPARATELY.
2. MANHOLE LID TO BE NEENAH MODEL # R-1647 OR EQUAL.
3. SEE STANDARD 602701 FOR STEP DETAILS.
4. #4 REBARS SHALL BE PLACED HORIZONTALLY AND VERTICALLY AT 12" CENTERS IN WALLS ALL AROUND, WITH 18" BY 18" L BARS AT THE CORNERS.
5. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

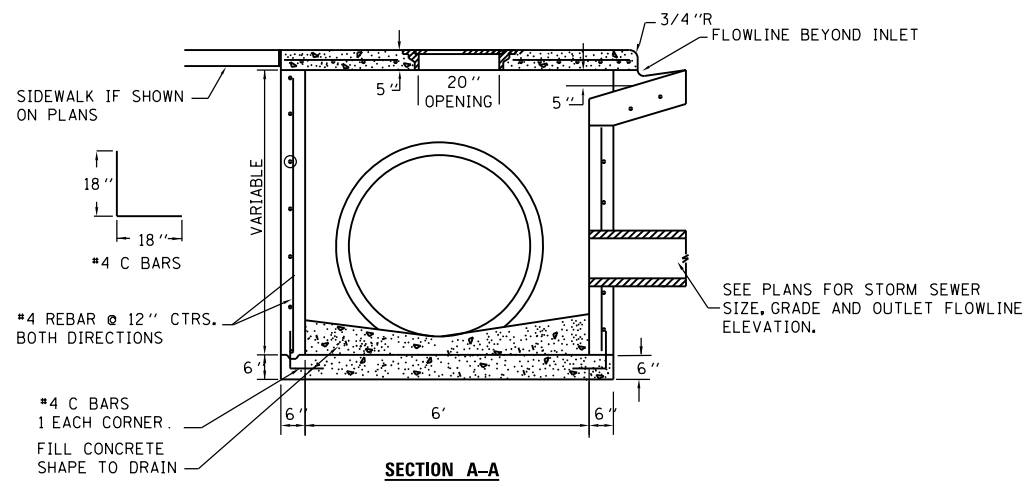
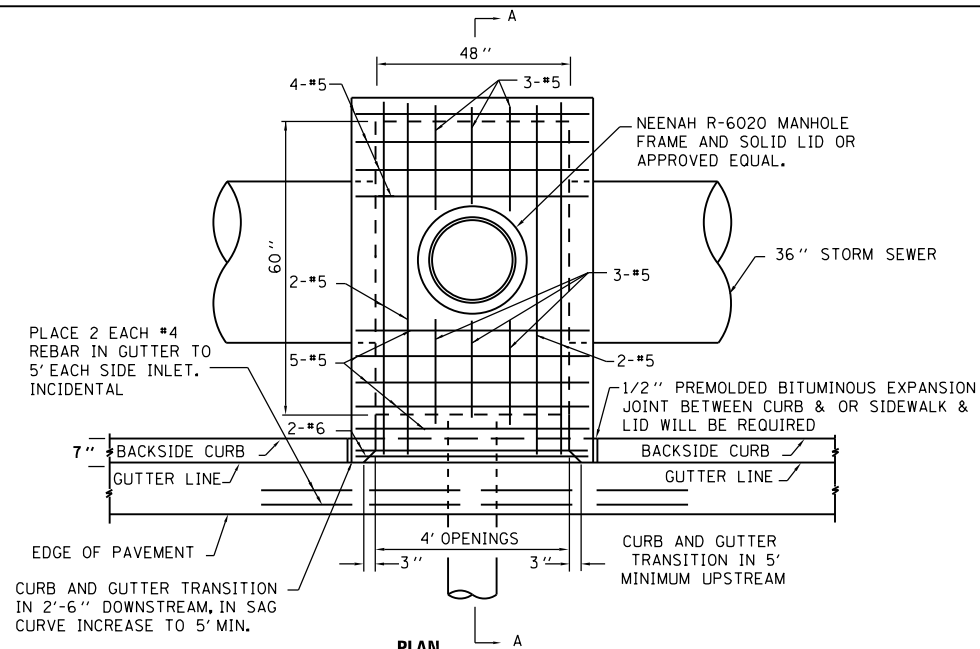
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION STRUCTURAL DETAILS-CONCRETE MANHOLE STA. 654+75.00, 7.0' RT.
NAME	DATE	
		INTERSECTION OF FAP 315 (US 136) AND FAP 514 (IL 94) SECTION (28)N,TS HANCOCK COUNTY
SCALE:		DRAWN BY DJK CHECKED BY DBS
DATE : MAY 2010		

CONTRACT 72775



- INLET NOTES
- FRONT EDGE OF TOP SLAB SHALL CONFORM WITH THE RADIUS OF ADJACENT CURB WHERE INLET IS LOCATED WITHIN RETURNS AT INTERSECTIONS.
 - #4 REBARS SHALL BE PLACED HORIZONTALLY & VERTICALLY AT 12" CENTERS IN WALLS ALL AROUND, WITH 16" X 16" L BARS AT CORNERS.
 - TOP SHALL BE PLACED IN A FULL BED OF MORTAR WHEN TOP IS NOT CAST IN PLACE.
 - CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
 - IN LIEU OF C BARS, CONTRACTOR MAY DRILL DRILL HOLES 6" DEEP IN BOTTOM SLAB TO HOLD VERTICAL #4 REBARS IN THE WALLS.

INLET, SPECIAL, TYPE E
NO SCALE



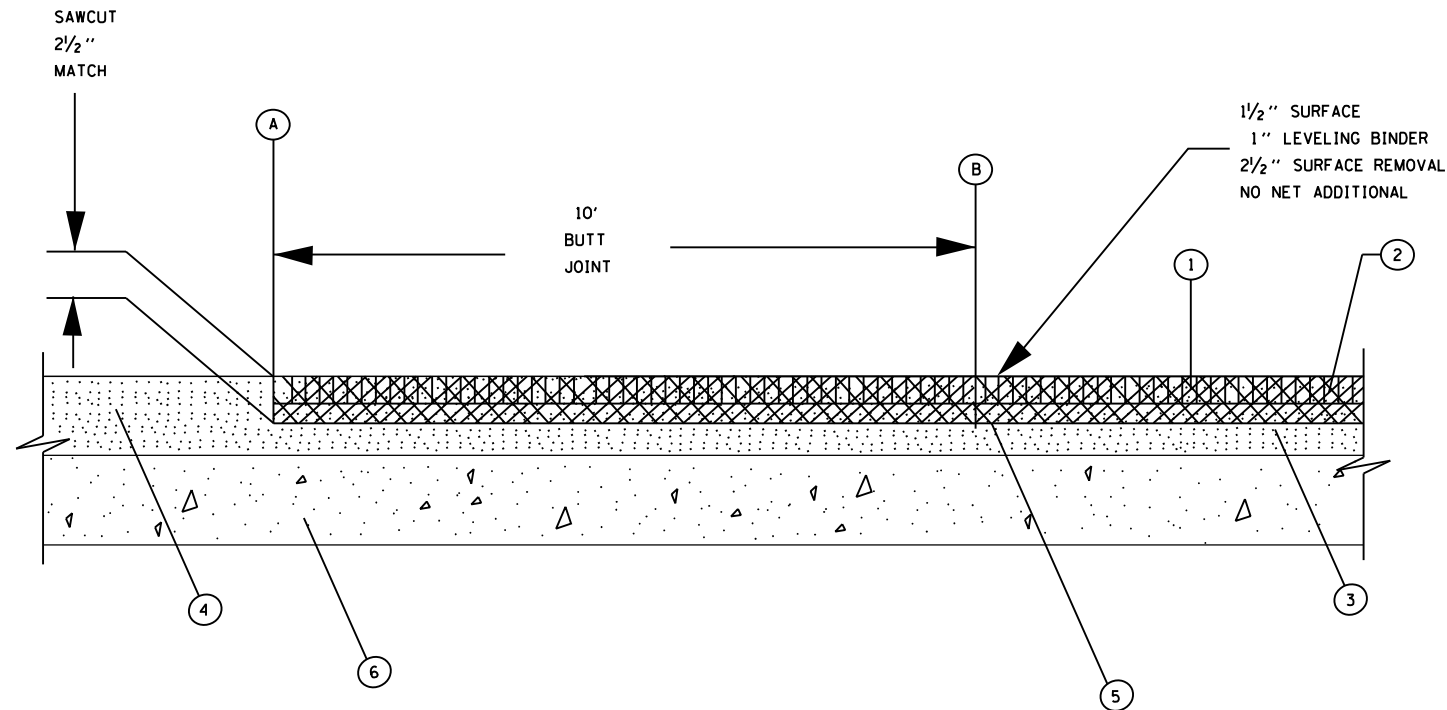
- INLET NOTES
- FRONT EDGE OF TOP SLAB SHALL CONFORM WITH THE RADIUS OF ADJACENT CURB WHERE INLET IS LOCATED WITHIN RETURNS AT INTERSECTIONS.
 - #4 REBARS SHALL BE PLACED HORIZONTALLY & VERTICALLY AT 12" CENTERS IN WALLS ALL AROUND, WITH 16" X 16" L BARS AT CORNERS.
 - TOP SHALL BE PLACED IN A FULL BED OF MORTAR WHEN TOP IS NOT CAST IN PLACE.
 - CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
 - IN LIEU OF C BARS, CONTRACTOR MAY DRILL DRILL HOLES 6" DEEP IN BOTTOM SLAB TO HOLD VERTICAL #4 REBARS IN THE WALLS.
 - THE CONTRACT UNIT PRICE BID FOR INLETS, SPECIAL, TYPE 1 SHALL INCLUDE THE COST FOR THE FRAME AND LID AS SHOWN, THE REINFORCEMENT, THE CLASS SI CONCRETE, AND THE EXCAVATION. BACKFILL (CLSM) WILL BE PAID FOR SEPARATELY.

INLETS, SPECIAL, TYPE 1
NO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STRUCTURAL DETAILS- INLETS
INTERSECTION OF
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY
SCALE: VERT. NONE
HORIZ. DATE: MAY 2010
DRAWN BY DJK
CHECKED BY DSB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	36
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- 1. [Pattern] PROPOSED BITUMINOUS SURFACE COURSE
- 2. [Pattern] PROPOSED BITUMINOUS LEVELING BINDER
- 3. [Pattern] PROPOSED BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
- 4. [Pattern] EXISTING BITUMINOUS CONCRETE OVERLAY
- 5. [Pattern] PROPOSED BITUMINOUS SURFACE REMOVAL - BUTT JOINT
- 6. [Pattern] EXISTING CONCRETE PAVEMENT/CONCRETE WIDENING

LOCATION	A	B	WIDTH	AREA
			FOOT	SO YD
FAP 315	74+60.84	74+70.84	38.0	42.2
FAP 315	81+76.33	81+86.33	38.0	42.2
FAP 514 (ILL 94)	652+68.53	652+78.53	34.43	38.3
MADISON (SOUTH LEG)	655+68.21	655+78.21	27	30
TOTALS				152.7
USE				153

40600980 BITUMINOUS SURFACE REMOVAL - BUTT JOINT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

JOINT DETAILS

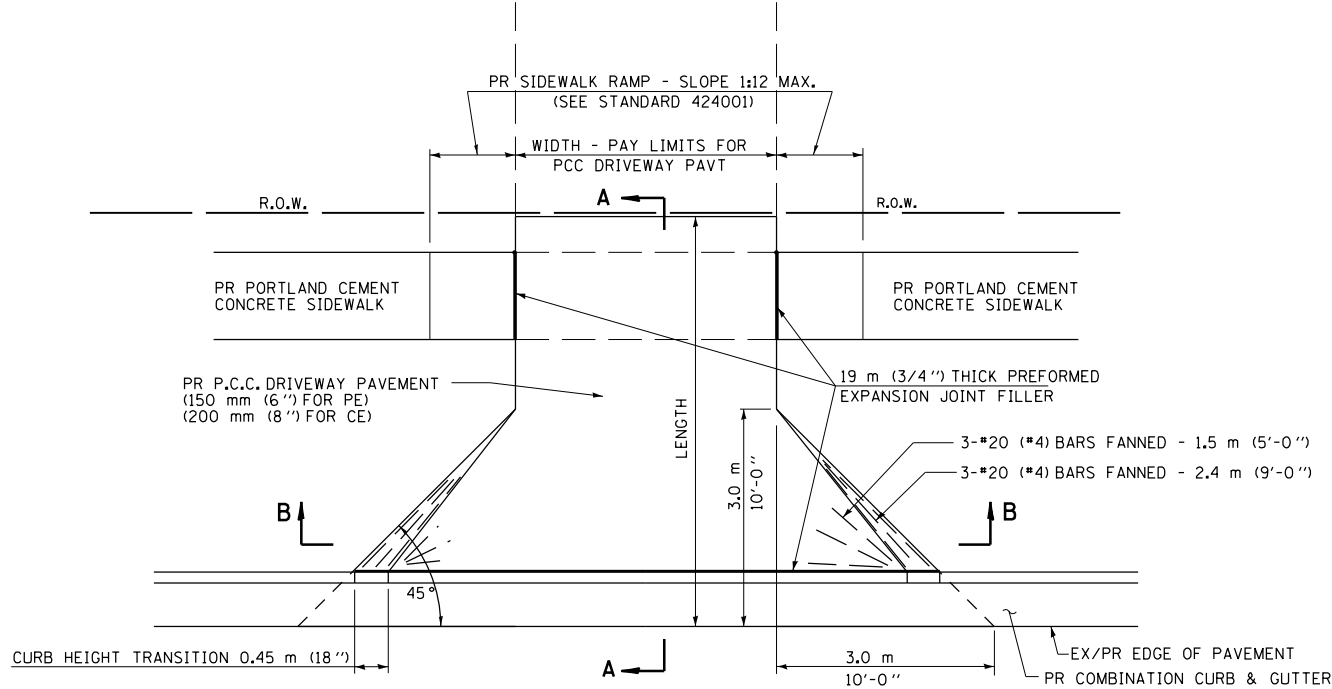
INTERSECTION OF
FAP 315 (US 136) AND
FAP 514 (IL 94)
SECTION (28)N,TS
HANCOCK COUNTY

SCALE: VERT.
HORIZ.
DATE: MAY 2010

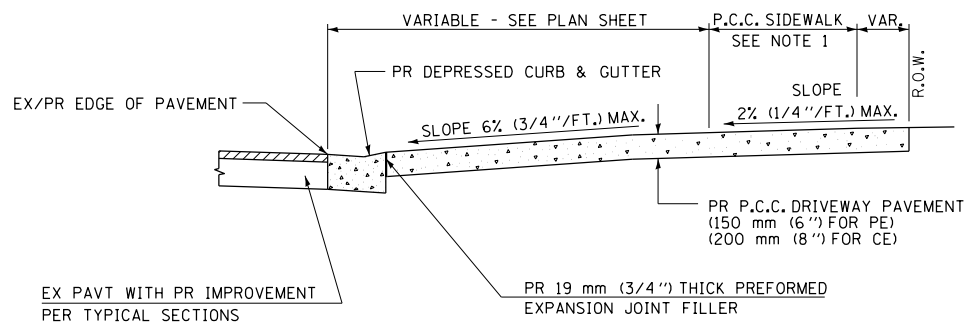
DRAWN BY DJK
CHECKED BY DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	37
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

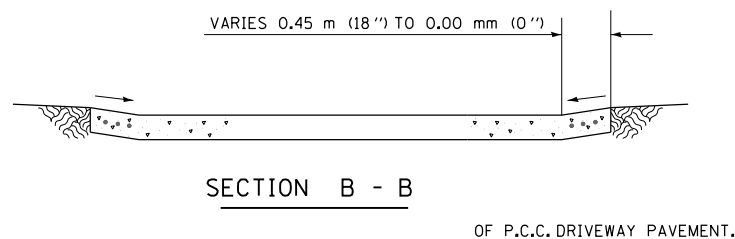
TYPE A



PLAN - URBAN PE & CE



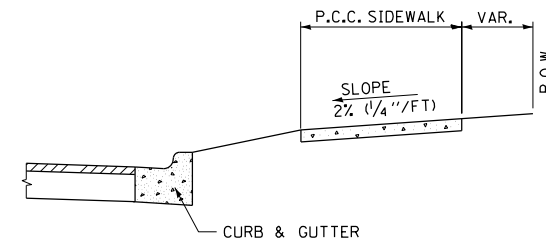
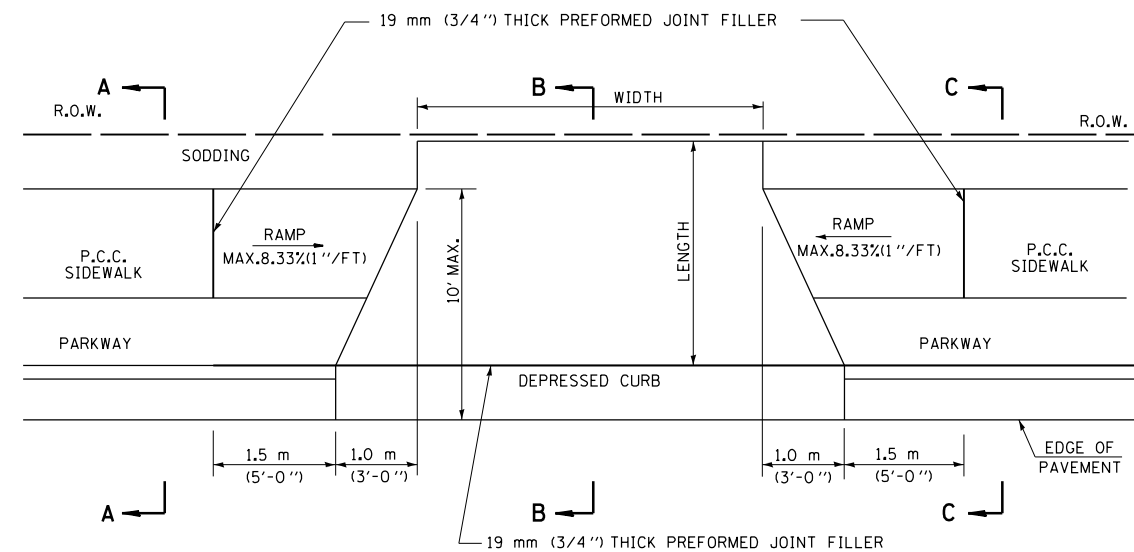
SECTION A - A



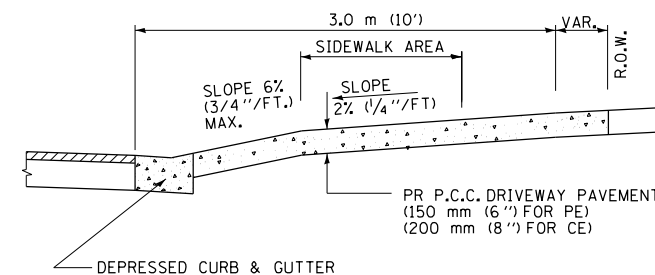
NOTES:

- SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF SIDEWALK.
- THE COST OF FURNISHING AND INSTALLING THE 19 mm (3/4") PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

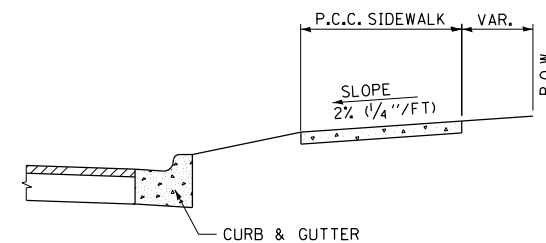
TYPE B



SECTION A - A



SECTION B - B



SECTION C - C

SHEET 10F 2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DETAILS FOR URBAN ENTRANCE IN CURB AND GUTTER SECTION
 FAP 315 (US 136) AND FAP 514 (IL 94)
 SECTION (28)N,TS HANCOCK COUNTY

SCALE: VERT. HORIZ. DATE: MAY 2010

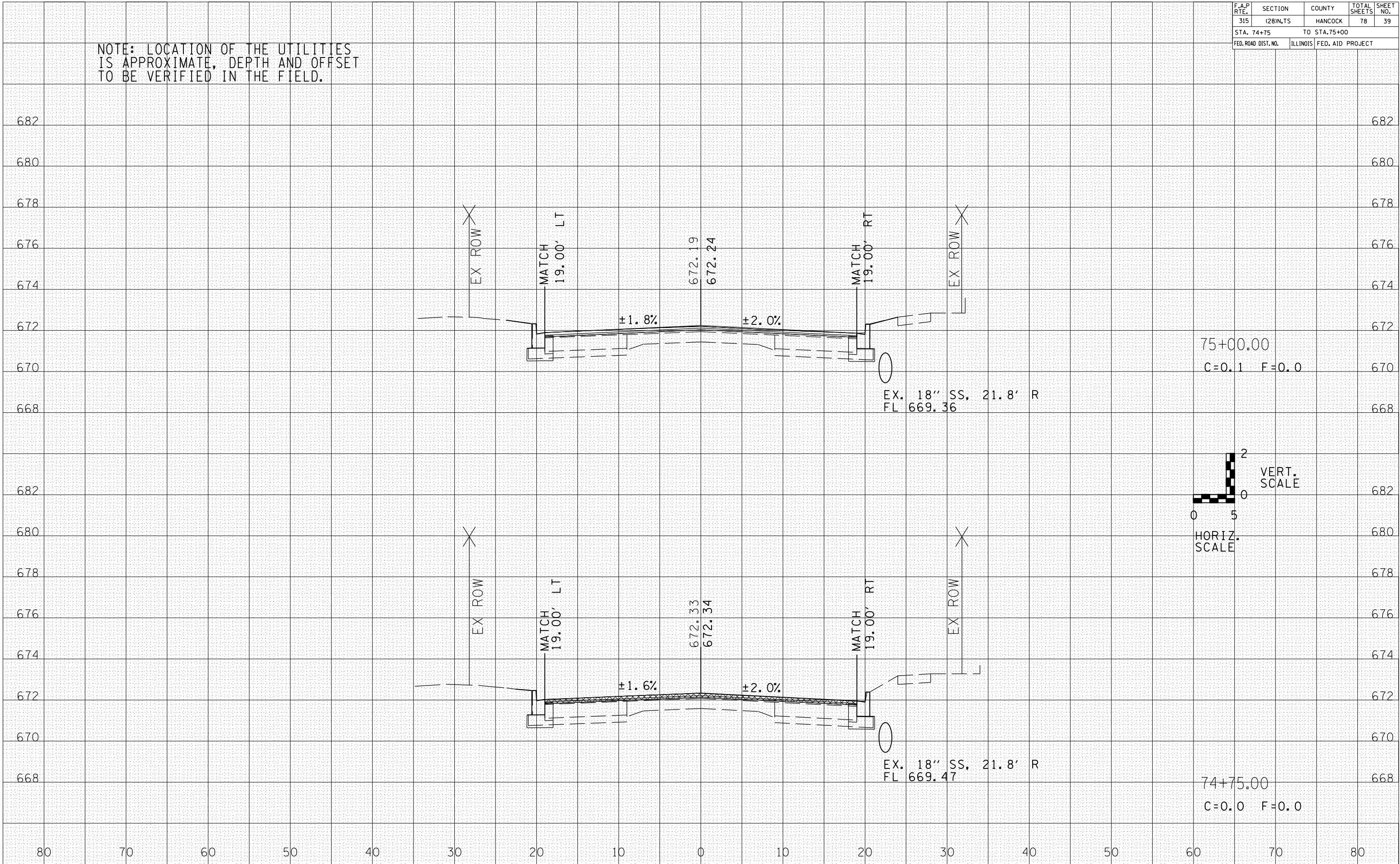
DRAWN BY: DJK CHECKED BY: DBS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	39
STA. 74+75		TO STA. 75+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY

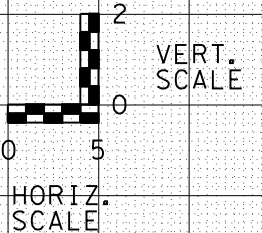
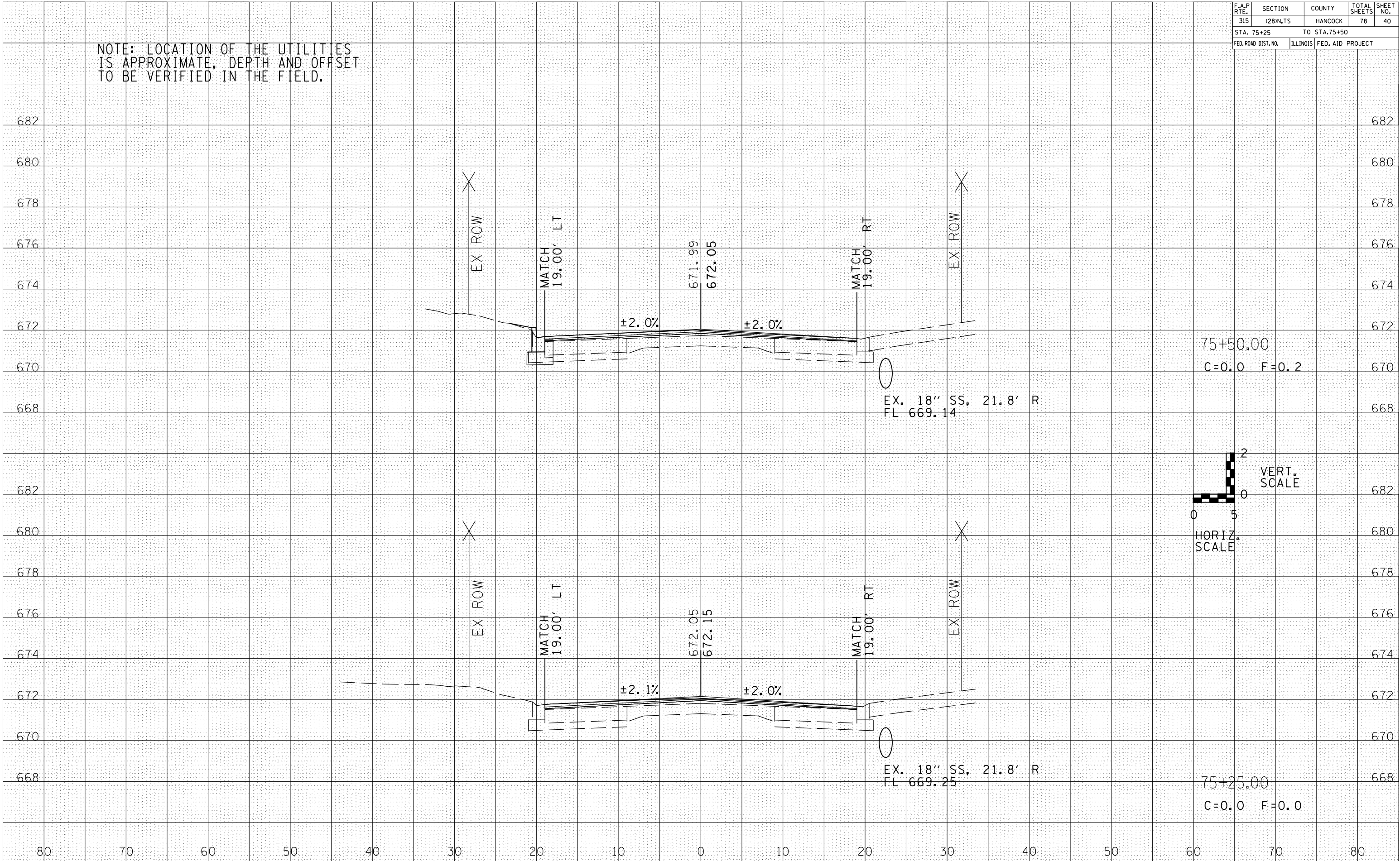


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	40
STA. 75+25		TO STA. 75+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	
BY	
SURVEYED	
PLOTTED	
INSTRUMENT	
NO. OF BOOKS	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
INSTRUMENT	
NO. OF BOOKS	
AREAS CHECKED	

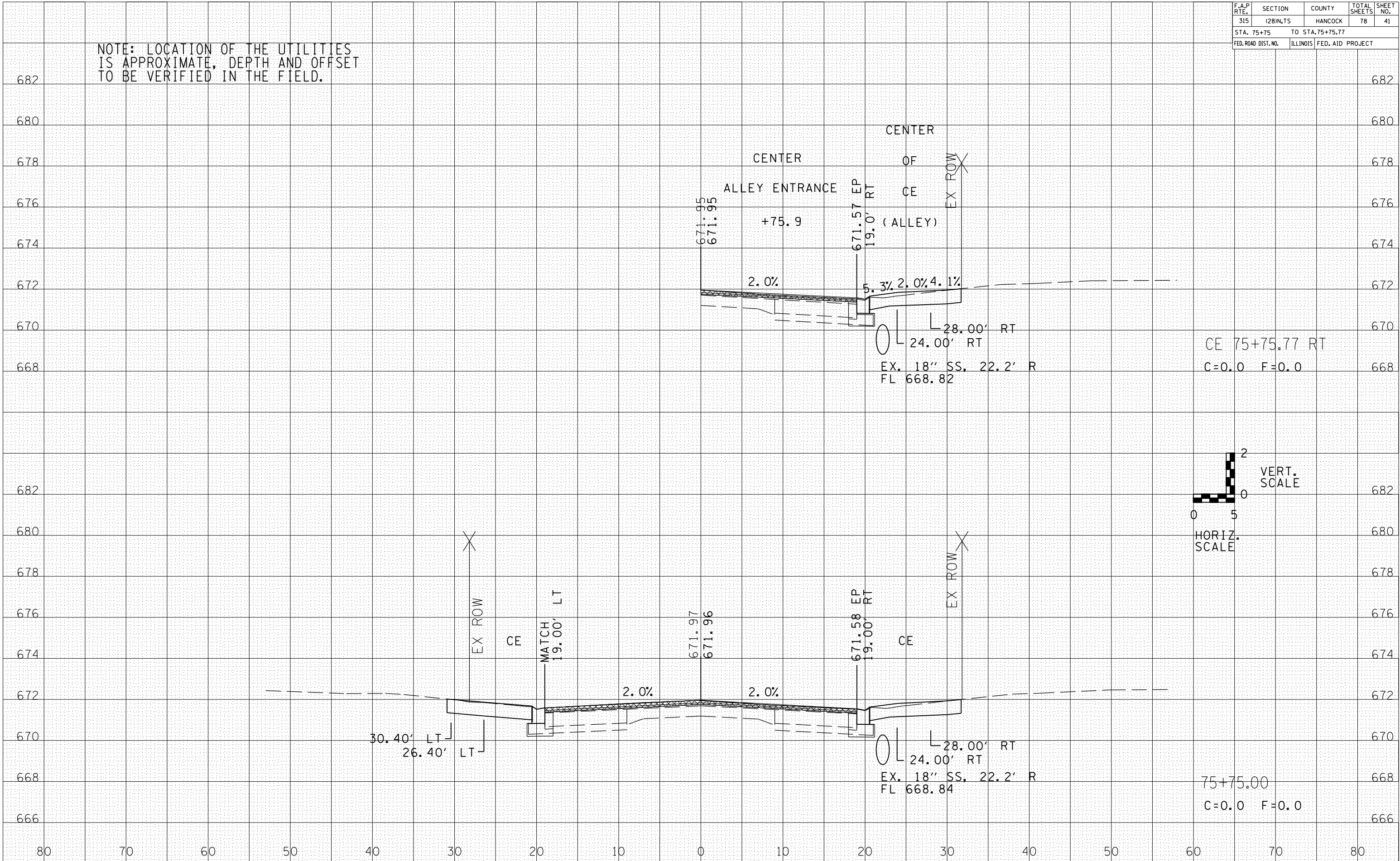


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	41
STA. 75+75		TO STA. 75+75.77		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

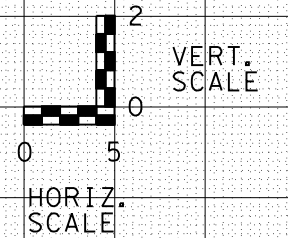
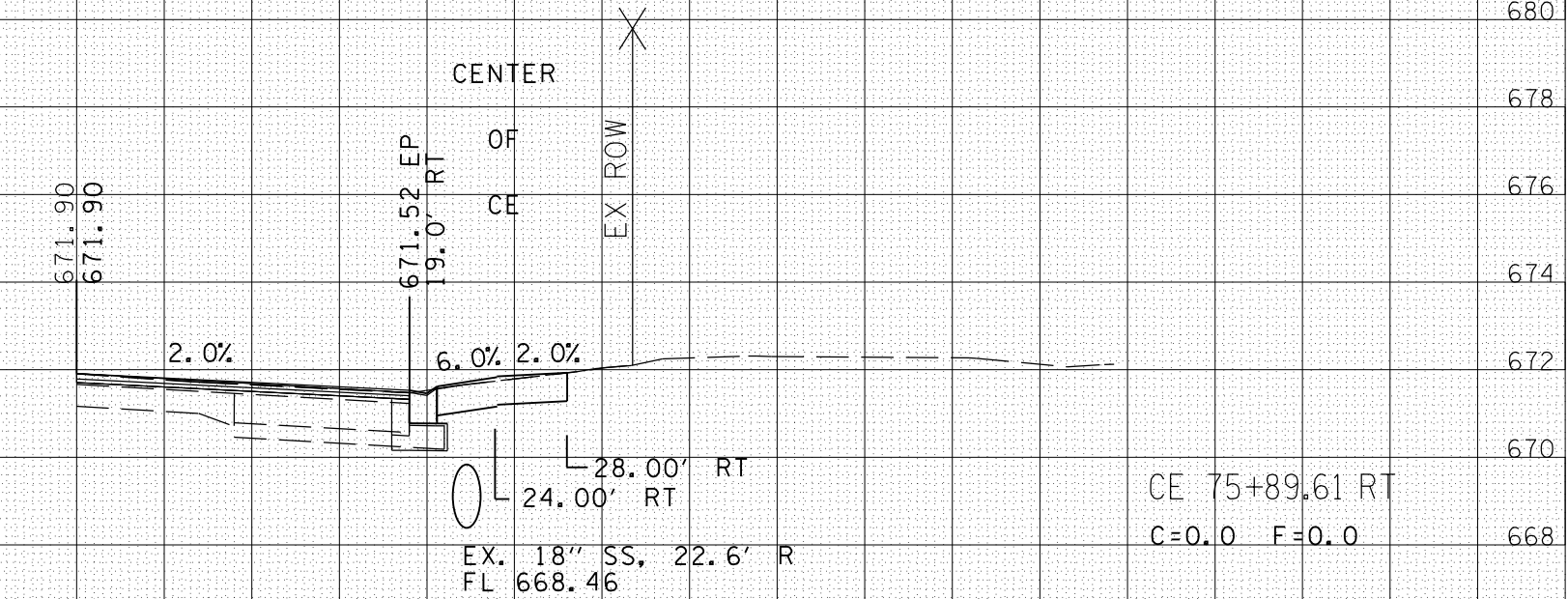
DATE	BY



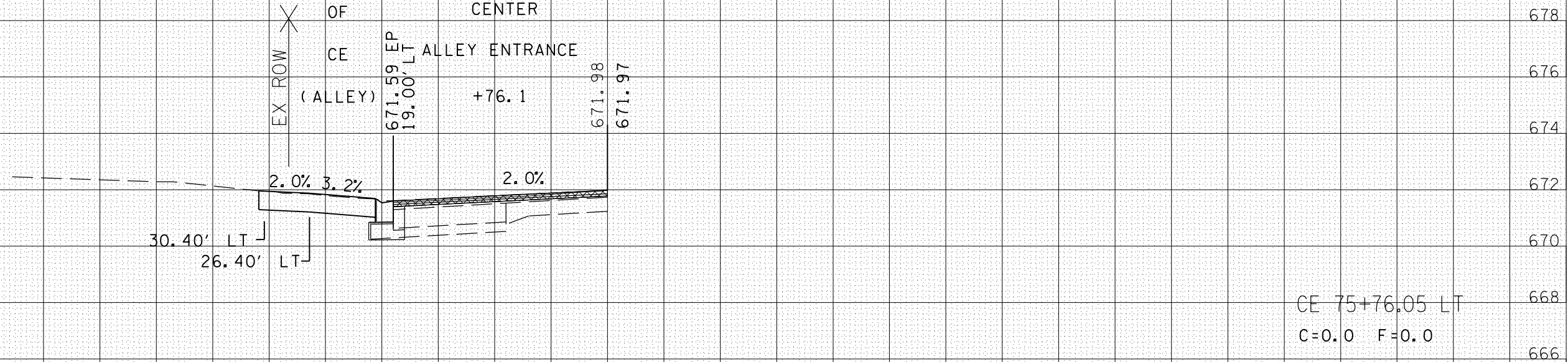
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N.TS	HANCOCK	78	42
STA. 75+76.05		TO STA. 75+89.61		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

CE - WEST ENTRANCE
(COMBINED WITH ALLEY)



CENTER OF CE
CENTER OF ALLEY ENTRANCE
+76.1



DATE	BY

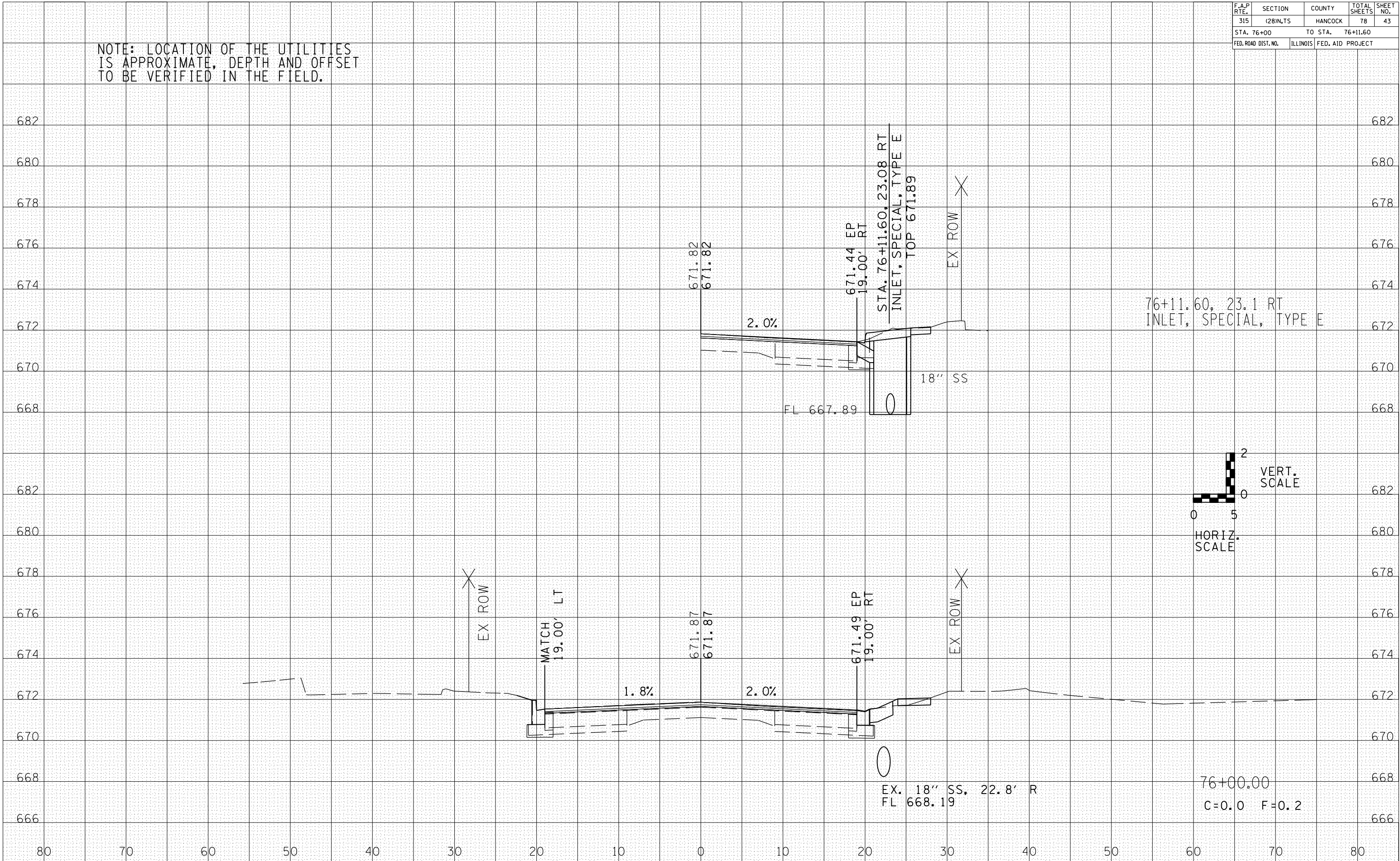
DATE	BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	43
STA. 76+00		TO STA. 76+11.60		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY

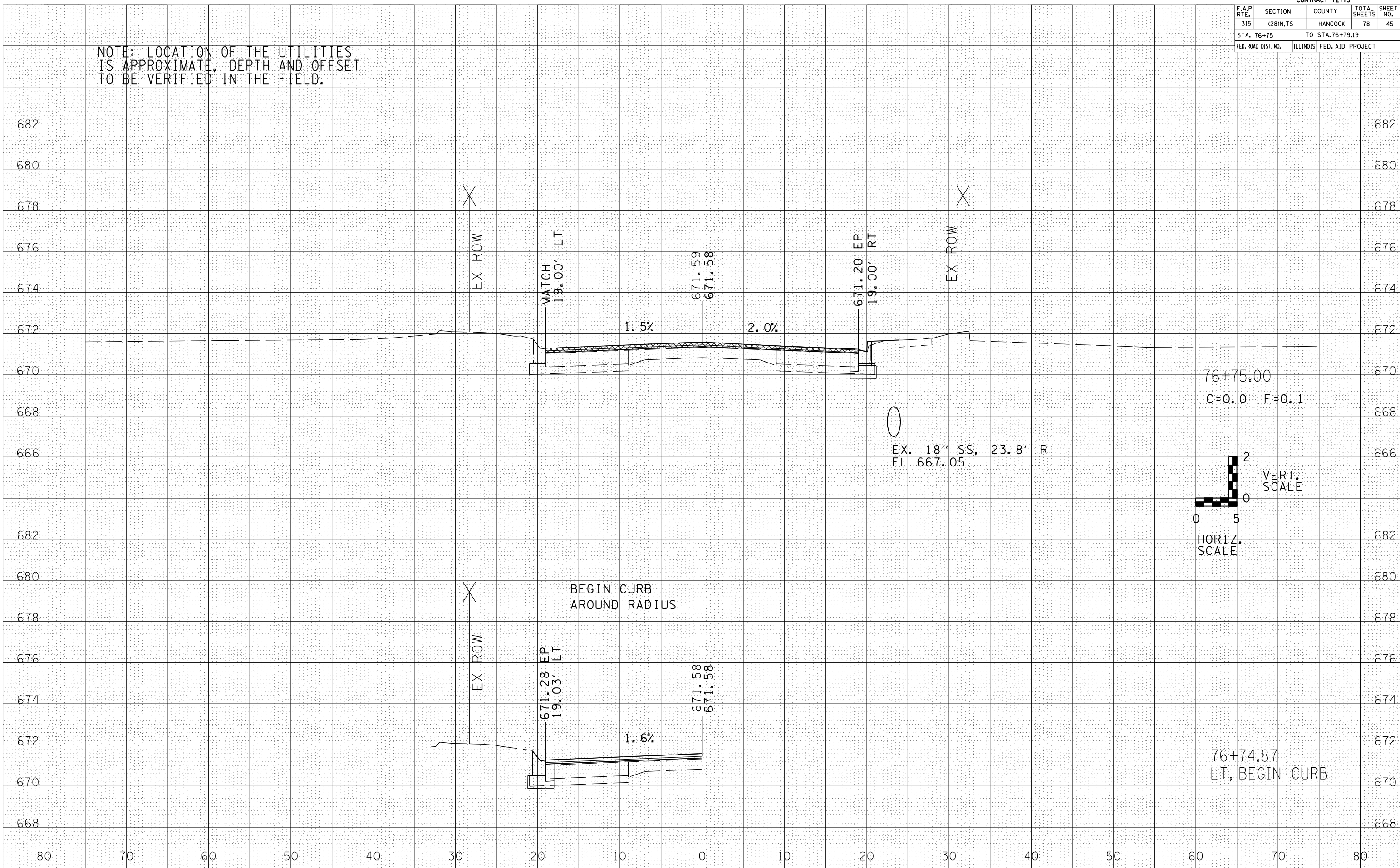


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	45
STA. 76+75		TO STA. 76+79.19		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

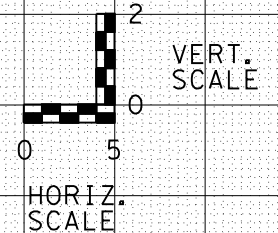
BY	DATE

BY	DATE



76+75.00
C=0.0 F=0.1

EX. 18" SS, 23.8' R
FL 667.05

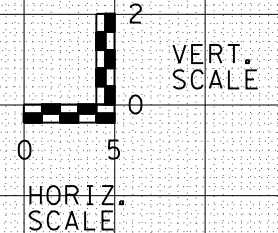
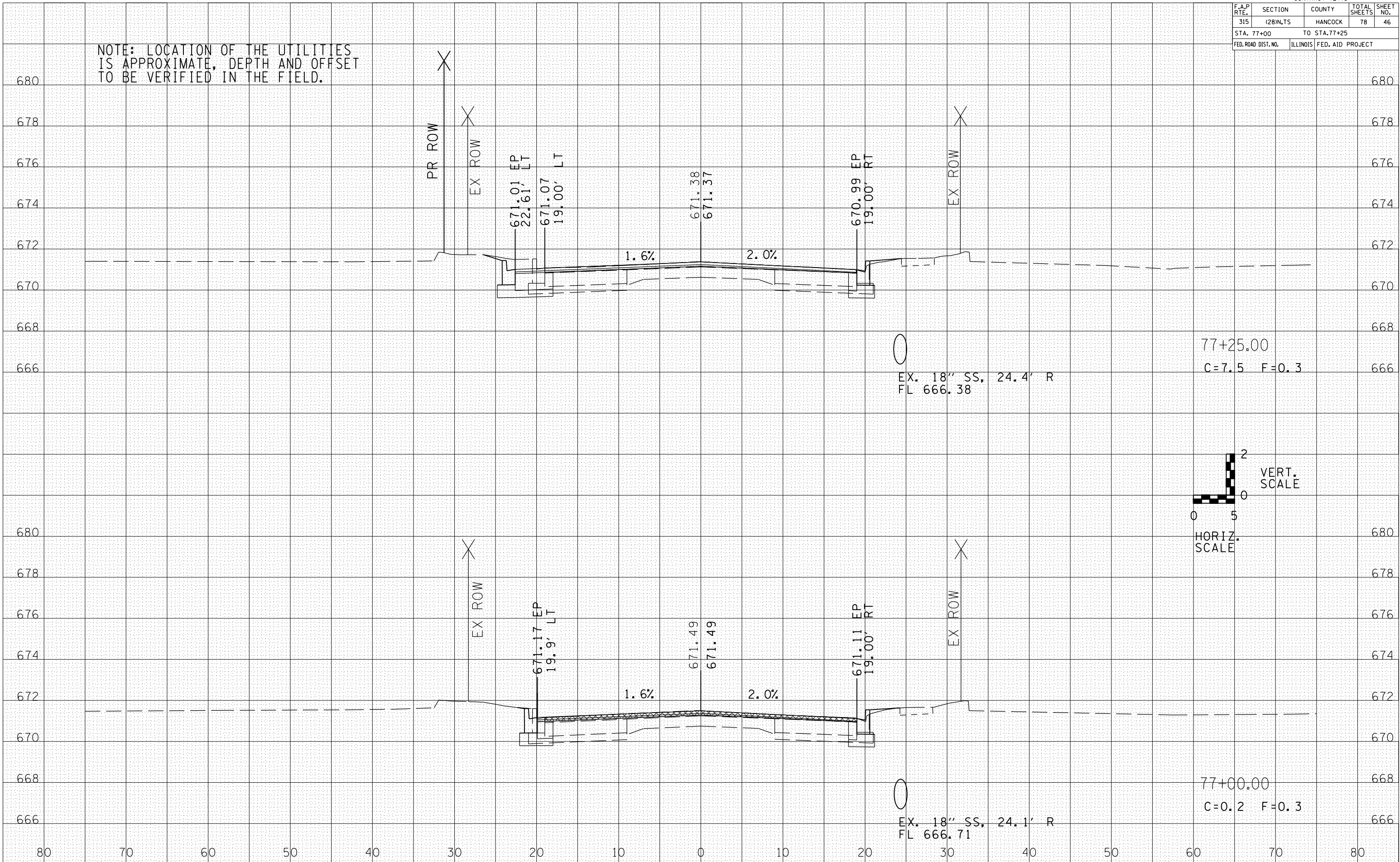


BEGIN CURB
AROUND RADIUS

76+74.87
LT, BEGIN CURB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	46
STA. 77+00		TO STA.77+25		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.



DATE	BY

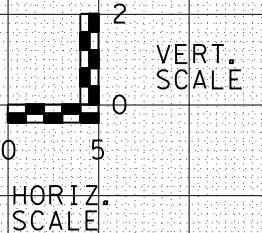
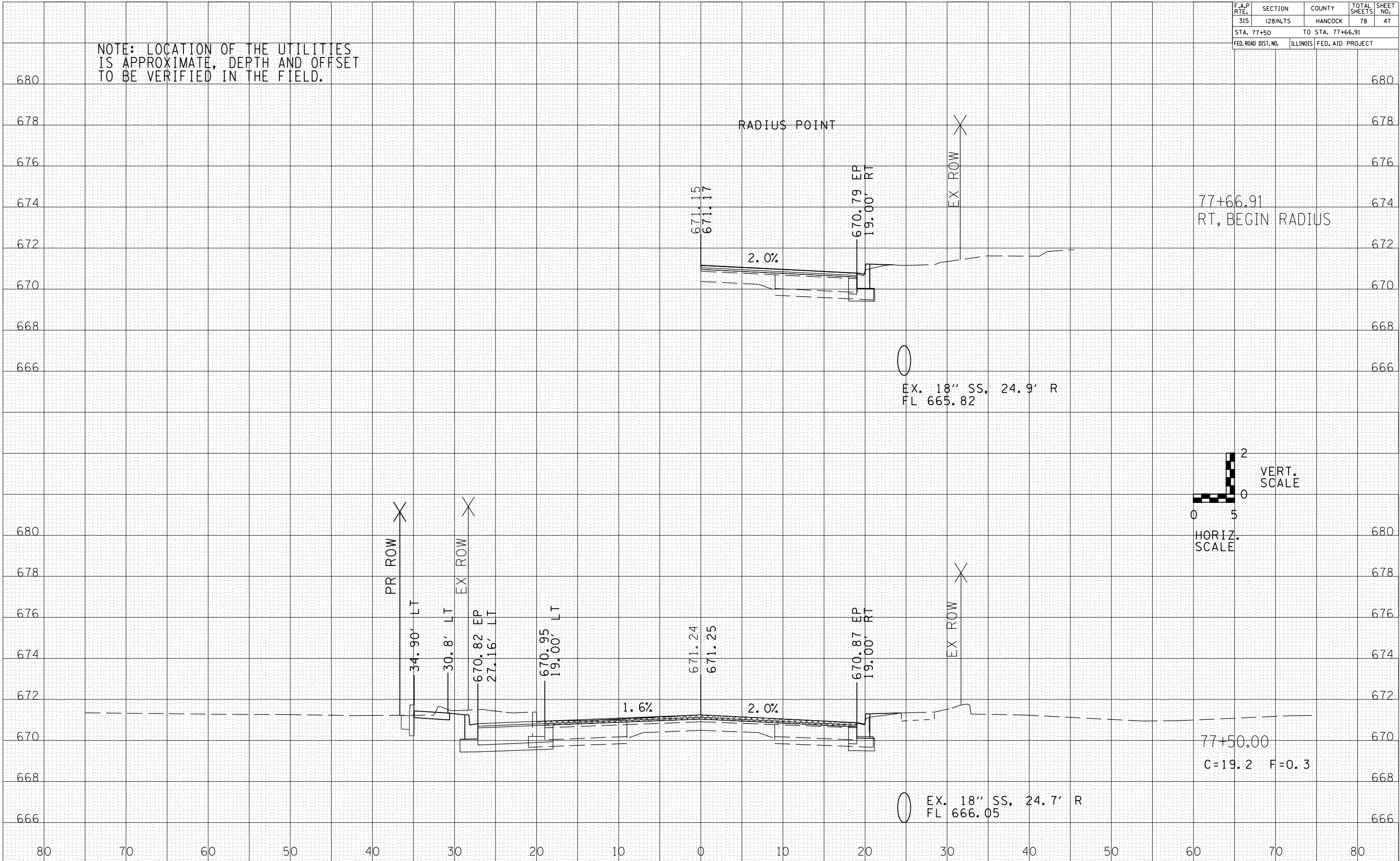
DATE	BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	47
STA. 77+50		TO STA. 77+66.91		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY



EX. 18" SS, 24.9' R
FL 665.82

EX. 18" SS, 24.7' R
FL 666.05

77+50.00
C=19.2 F=0.3

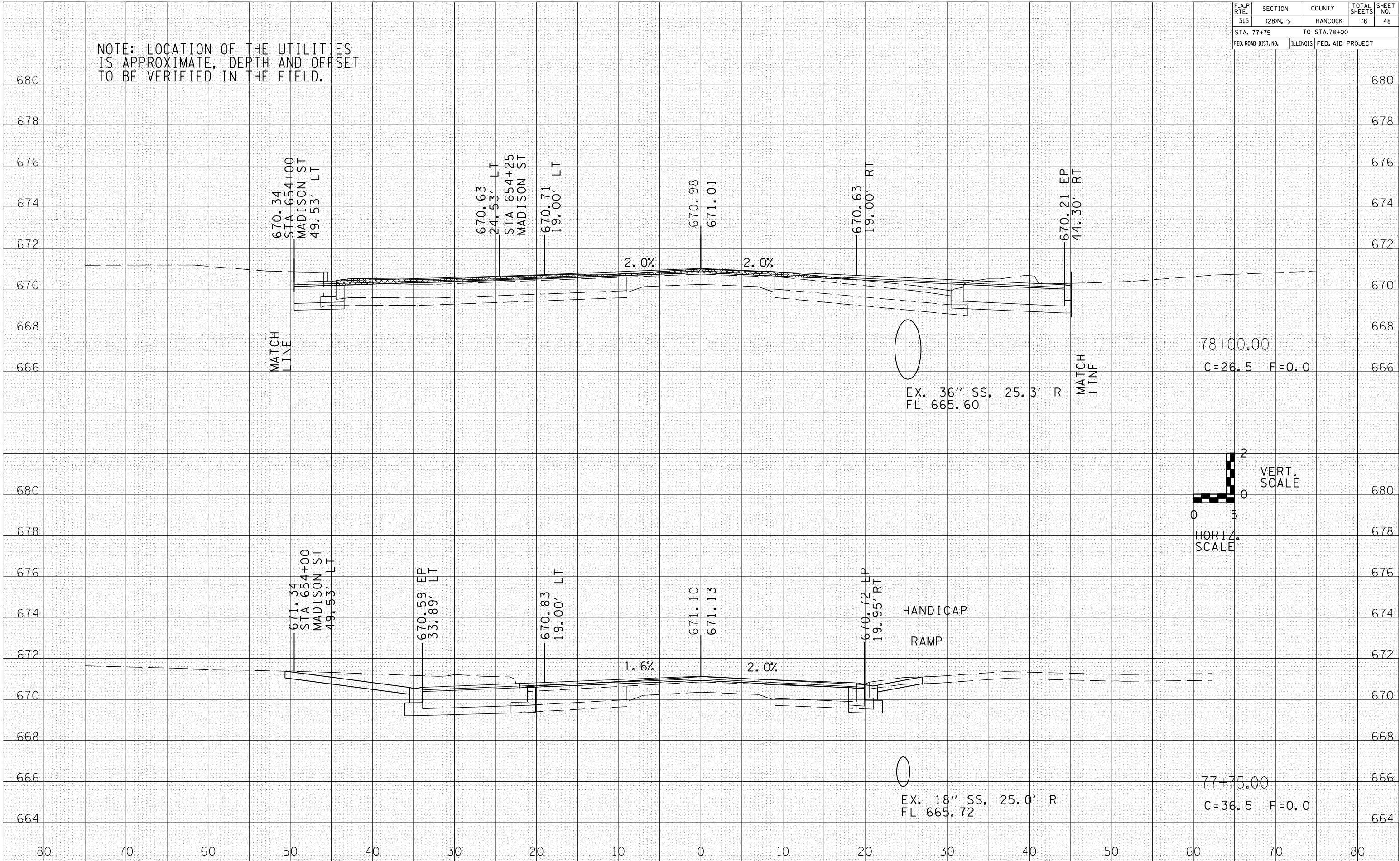
77+66.91
RT, BEGIN RADIUS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,1S	HANCOCK	78	48
STA. 77+75		TO STA. 78+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY

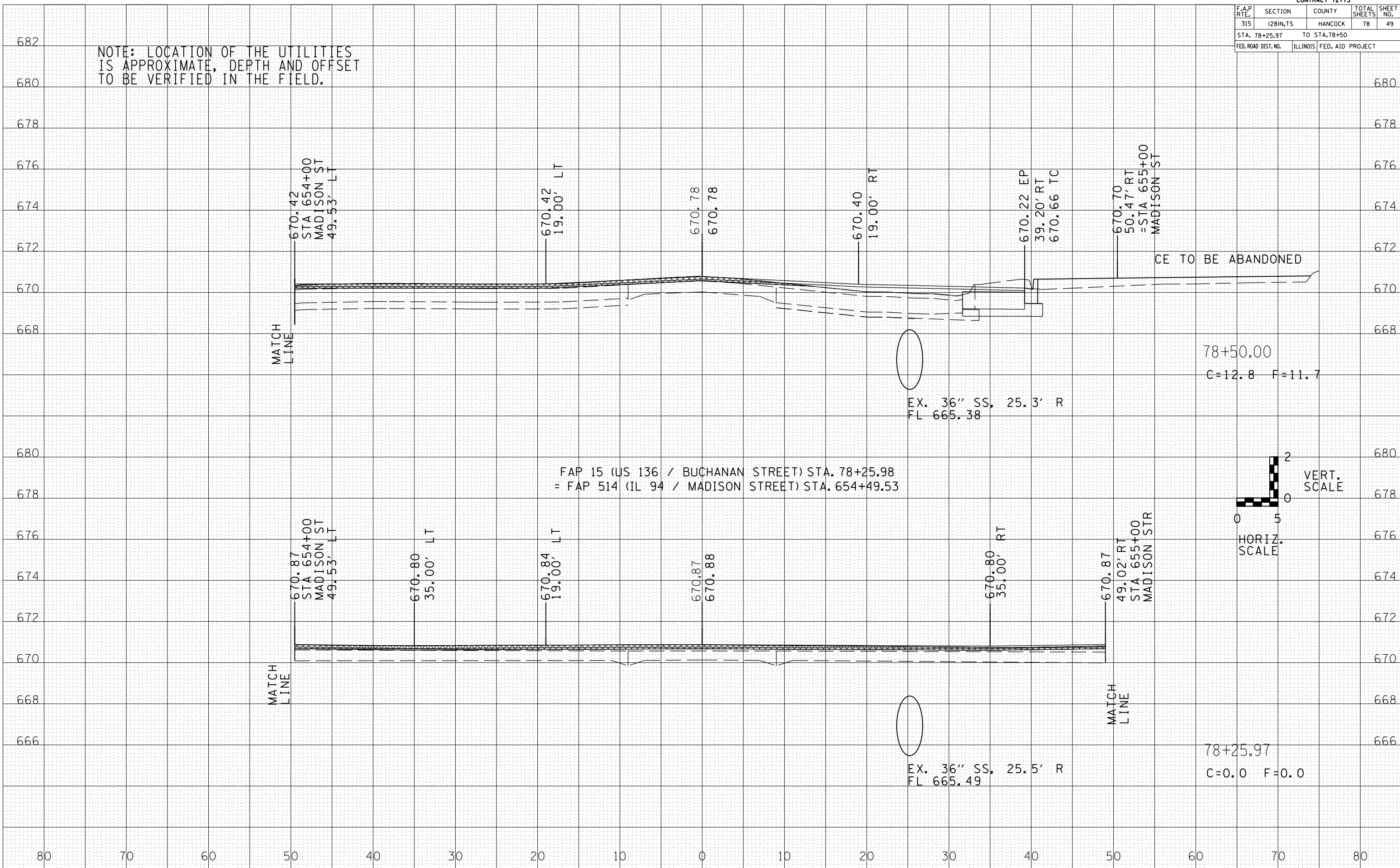


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	49
STA. 78+25.97		TO STA. 78+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

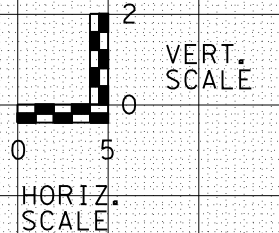
NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY



78+50.00
C=12.8 F=11.7



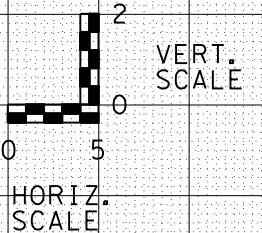
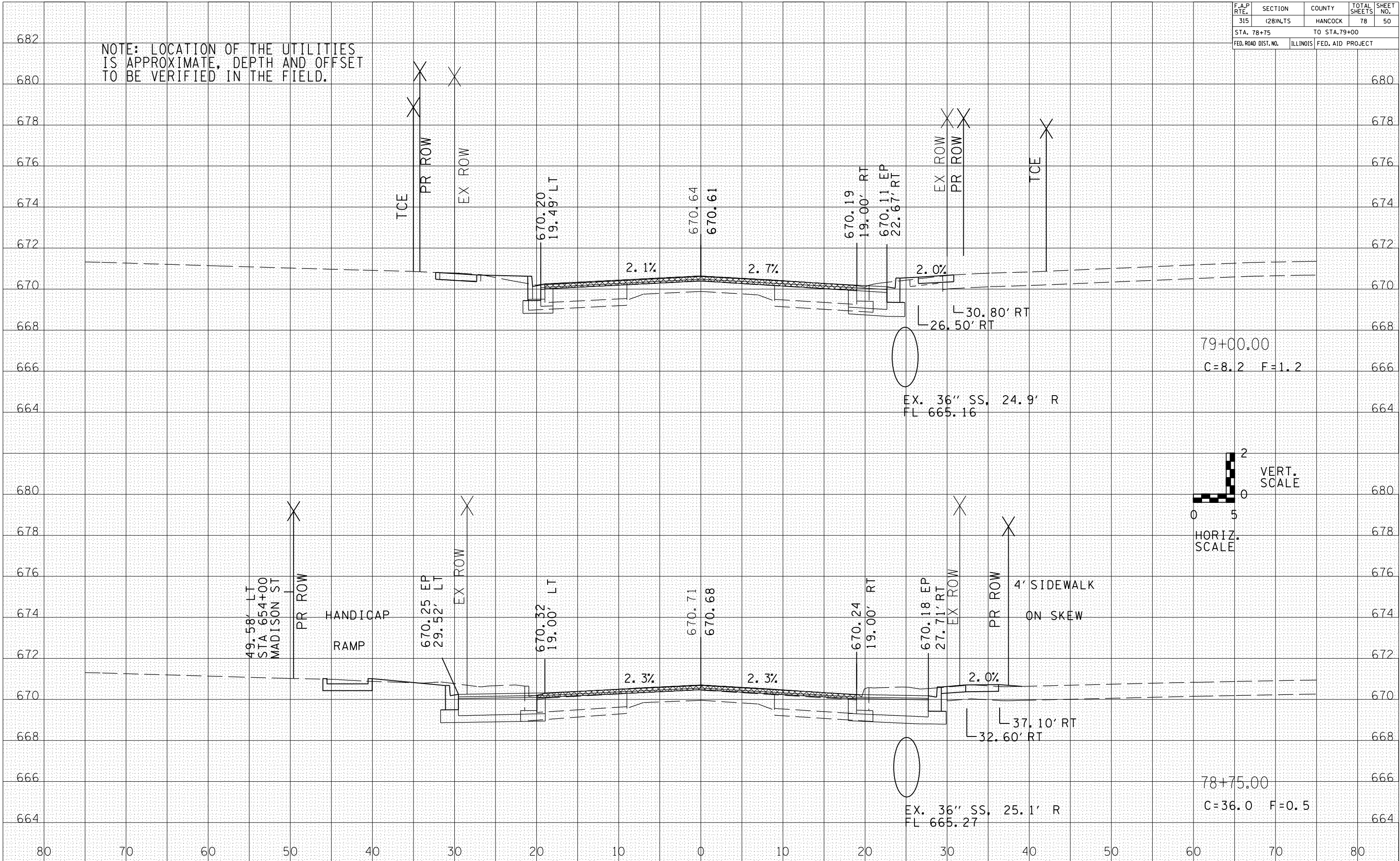
78+25.97
C=0.0 F=0.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	50
STA. 78+75		TO STA. 79+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

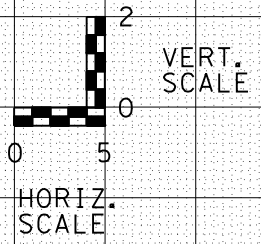
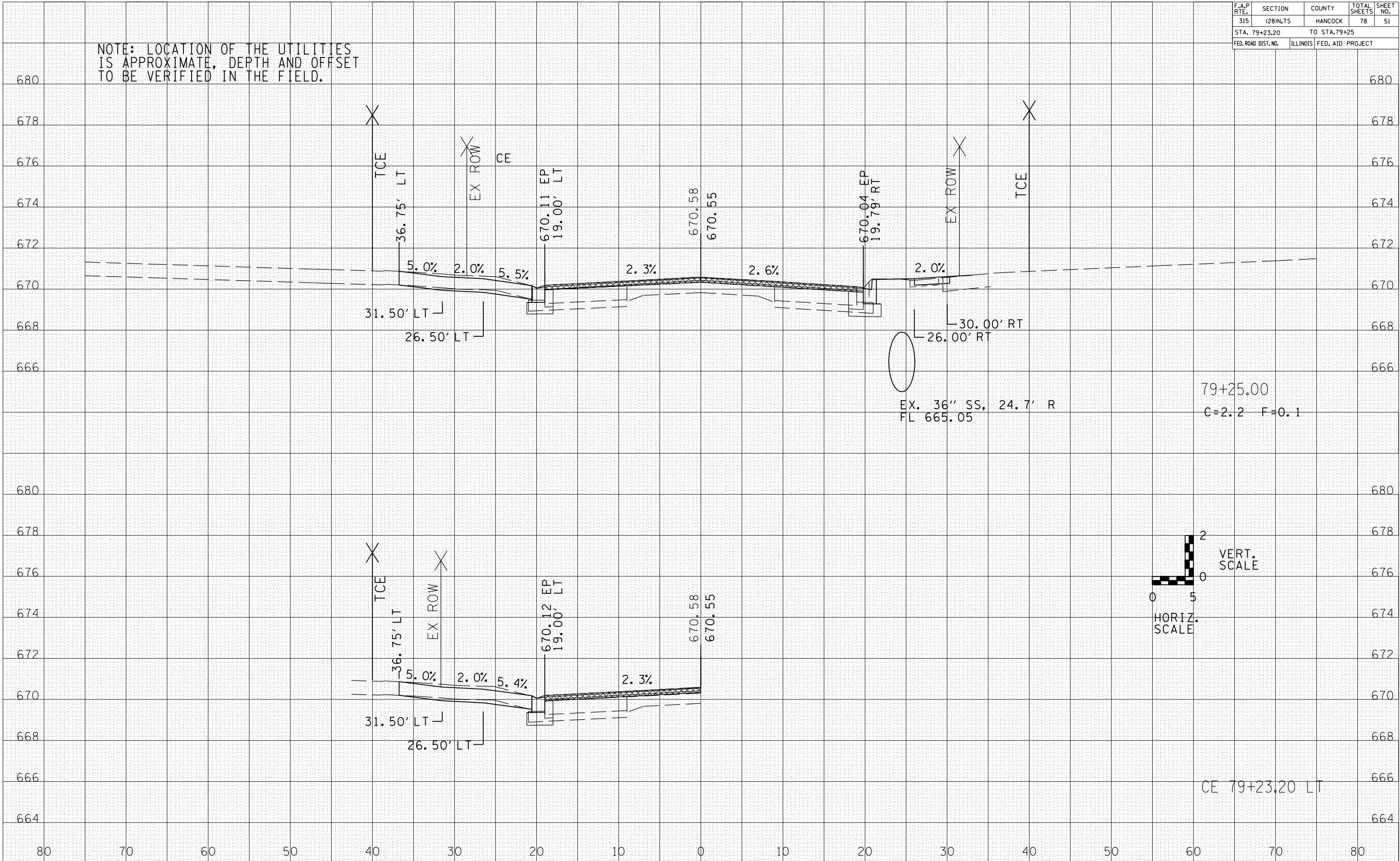
BY	DATE

BY	DATE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	51
STA. 79+23.20		TO STA. 79+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.



79+25.00
C=2.2 F=0.1

CE 79+23.20 LT

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

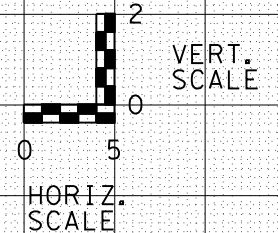
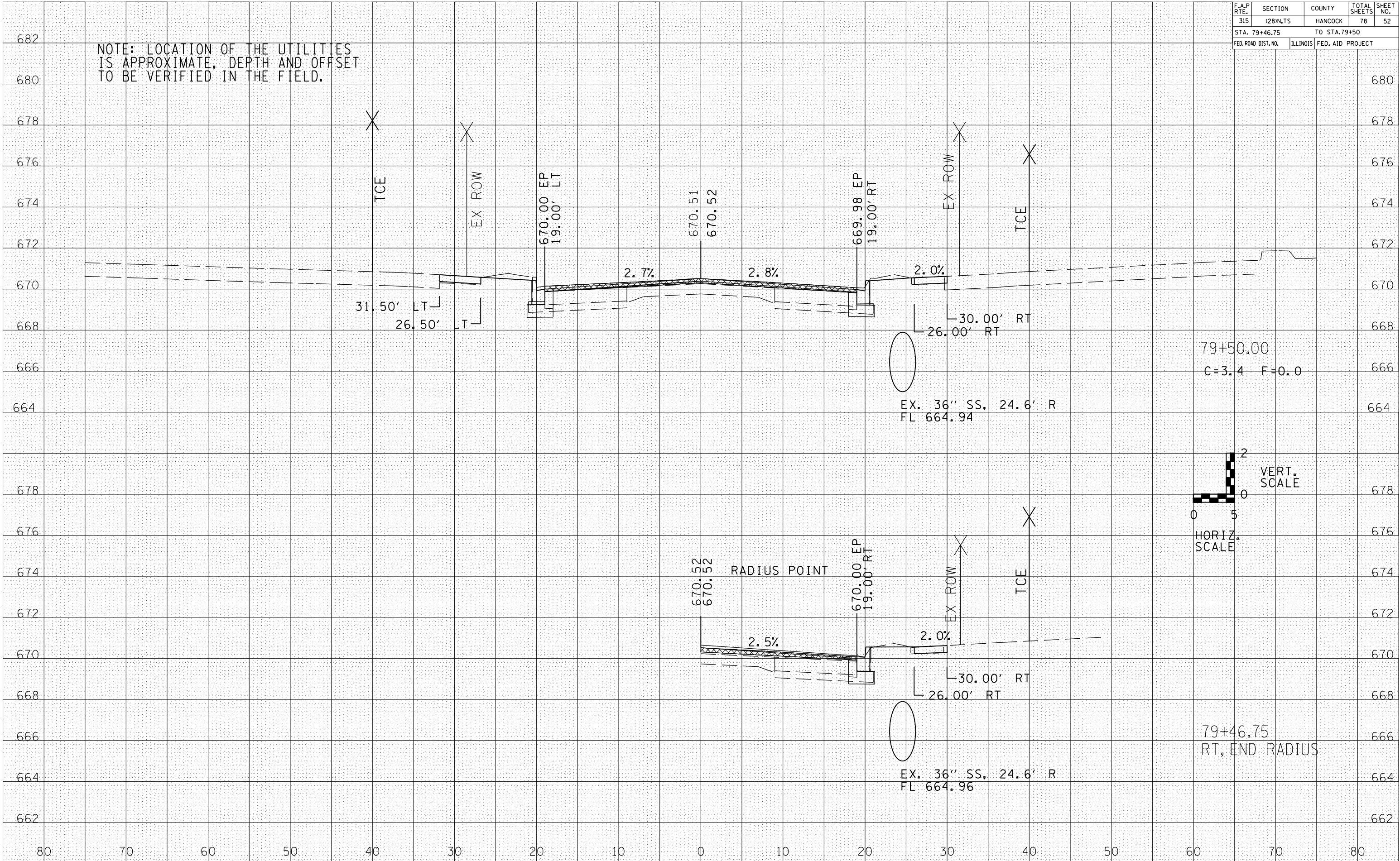
DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	52
STA. 79+46.75		TO STA. 79+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY

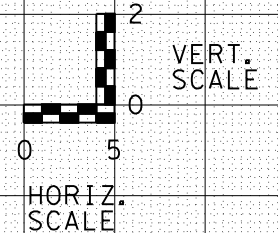
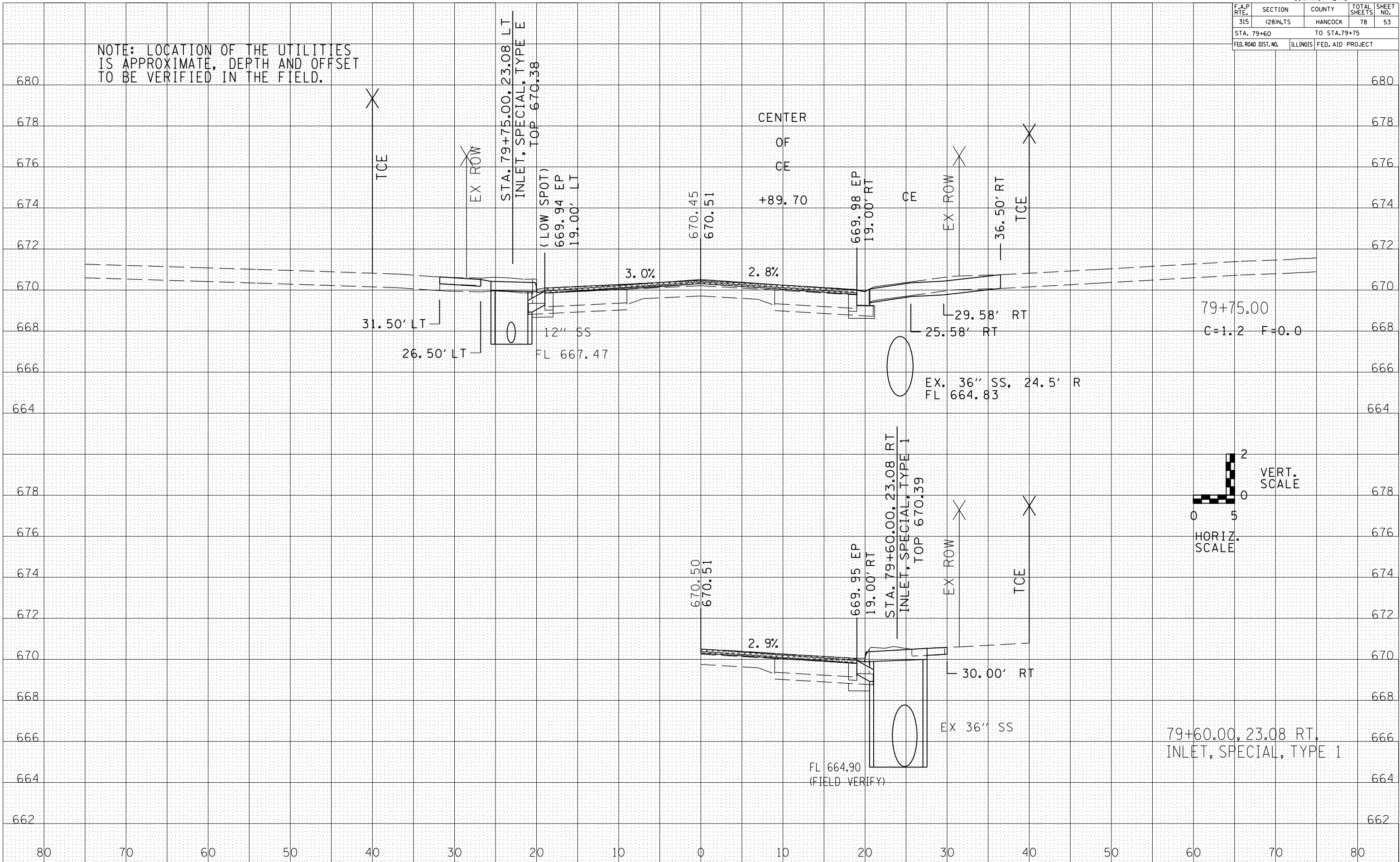


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	53
STA. 79+60		TO STA. 79+75		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

BY	DATE

BY	DATE

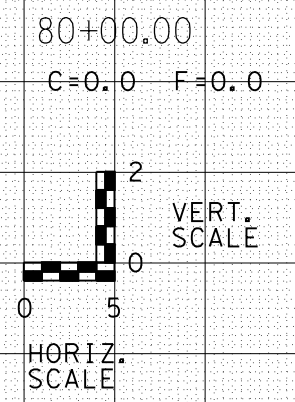
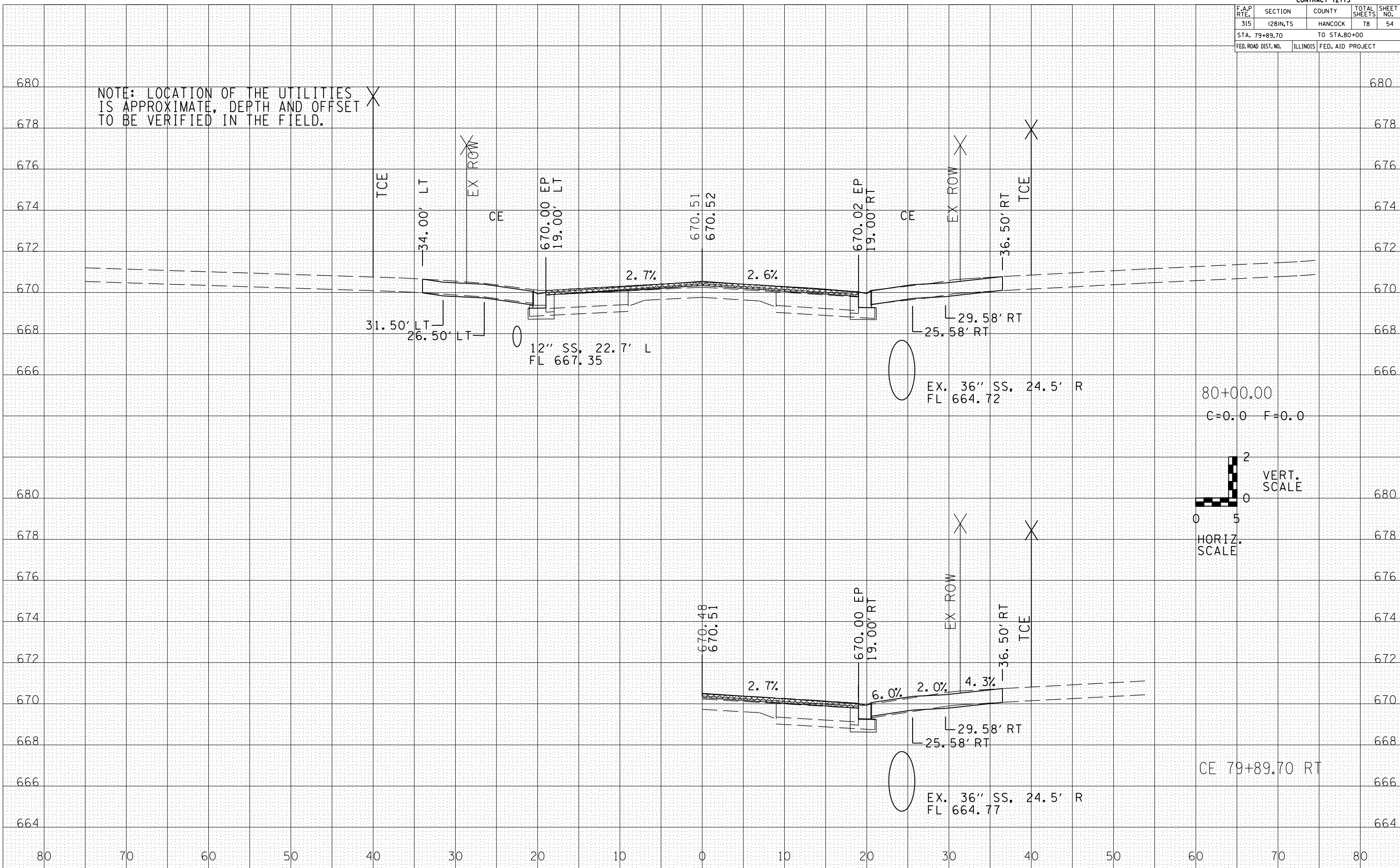


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	54
STA. 79+89.70		TO STA. 80+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY

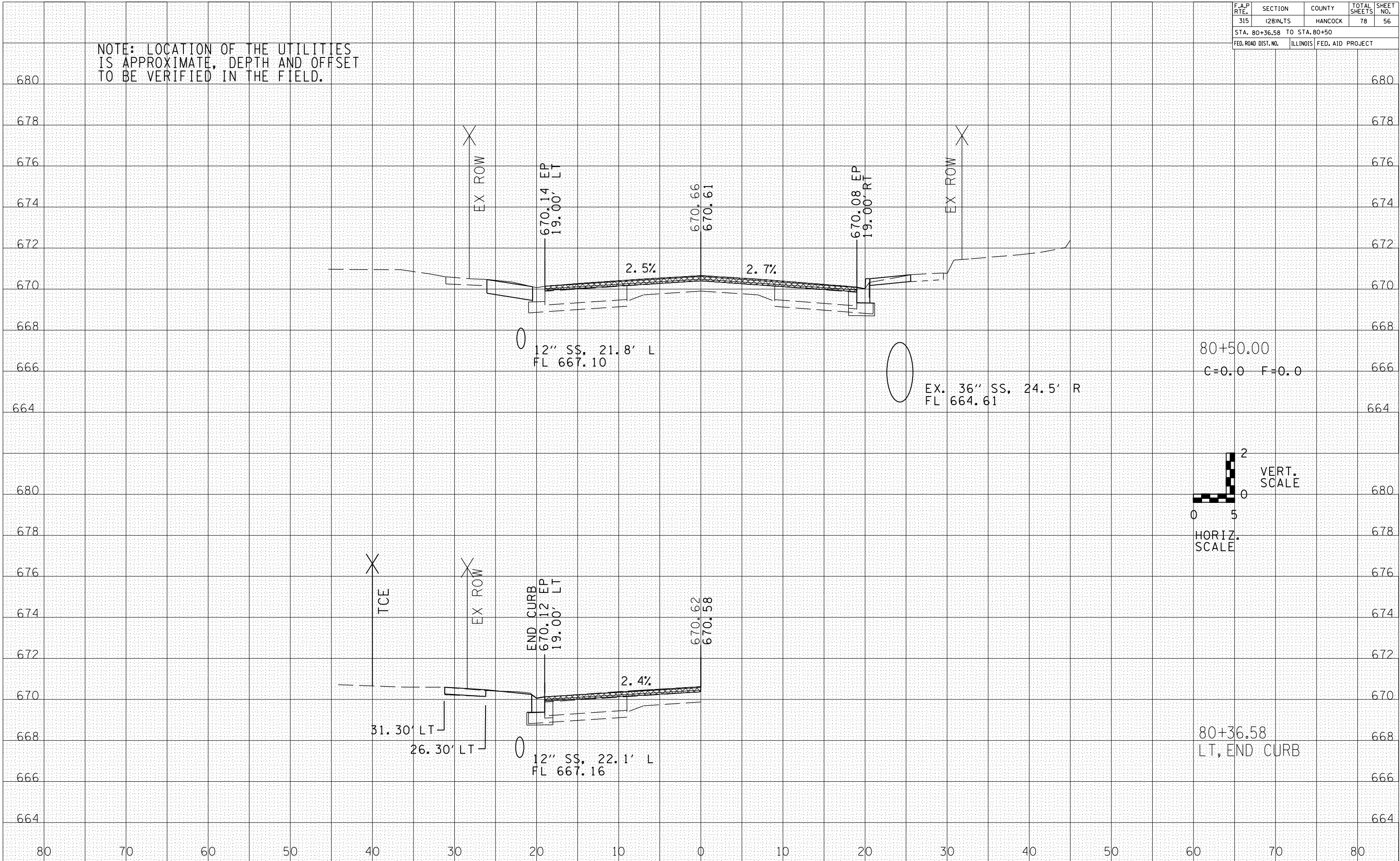
DATE	BY

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

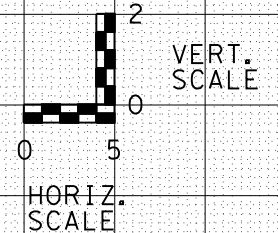


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	56
STA. 80+36.58 TO STA. 80+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.



80+50.00
C=0.0 F=0.0



80+36.58
LT, END CURB

DATE	BY

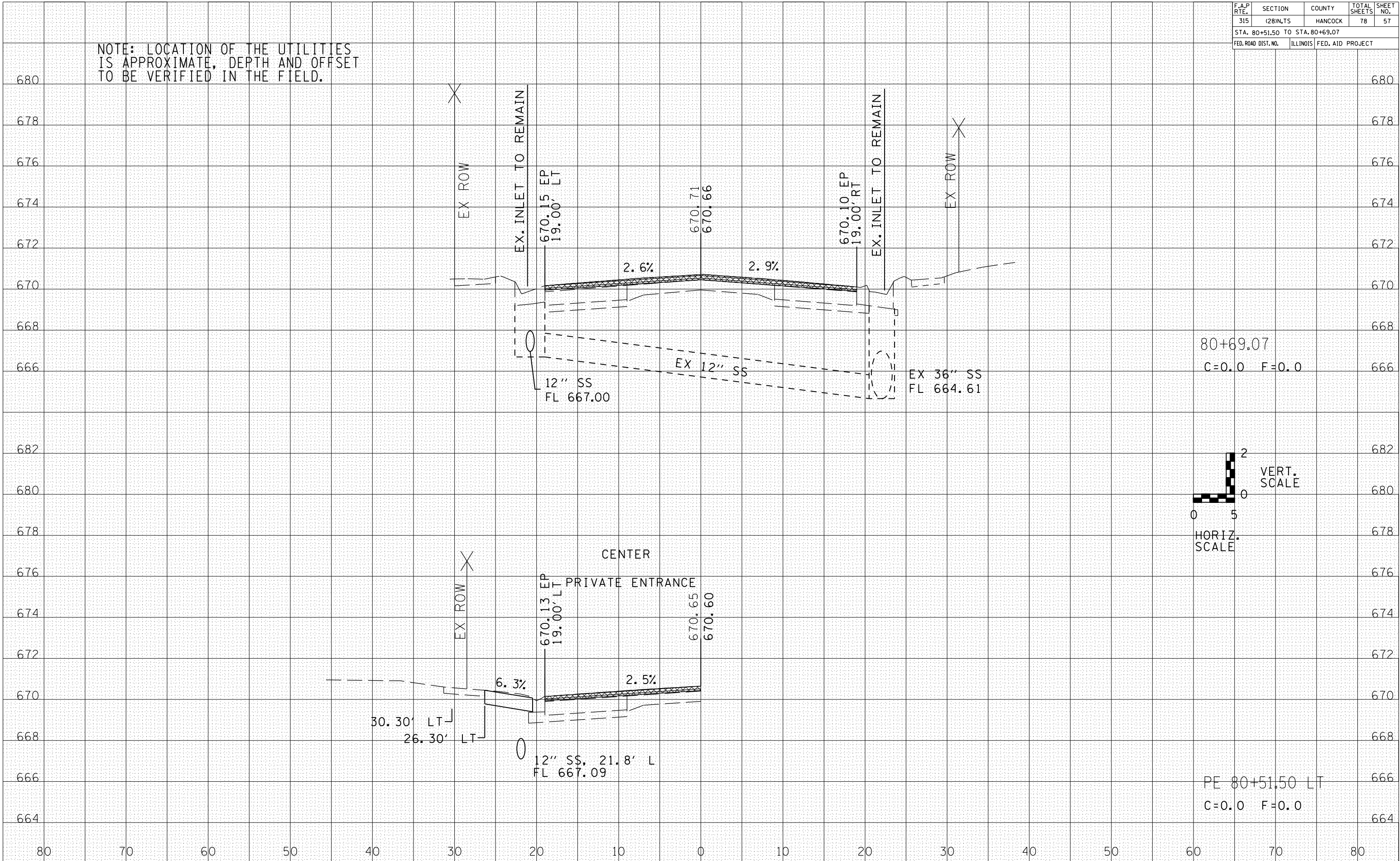
DATE	BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	57
STA. 80+51.50 TO STA. 80+69.07				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

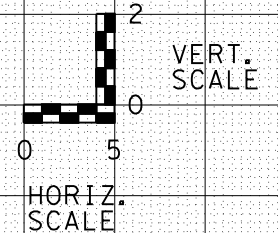
NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY



80+69.07
C=0.0 F=0.0



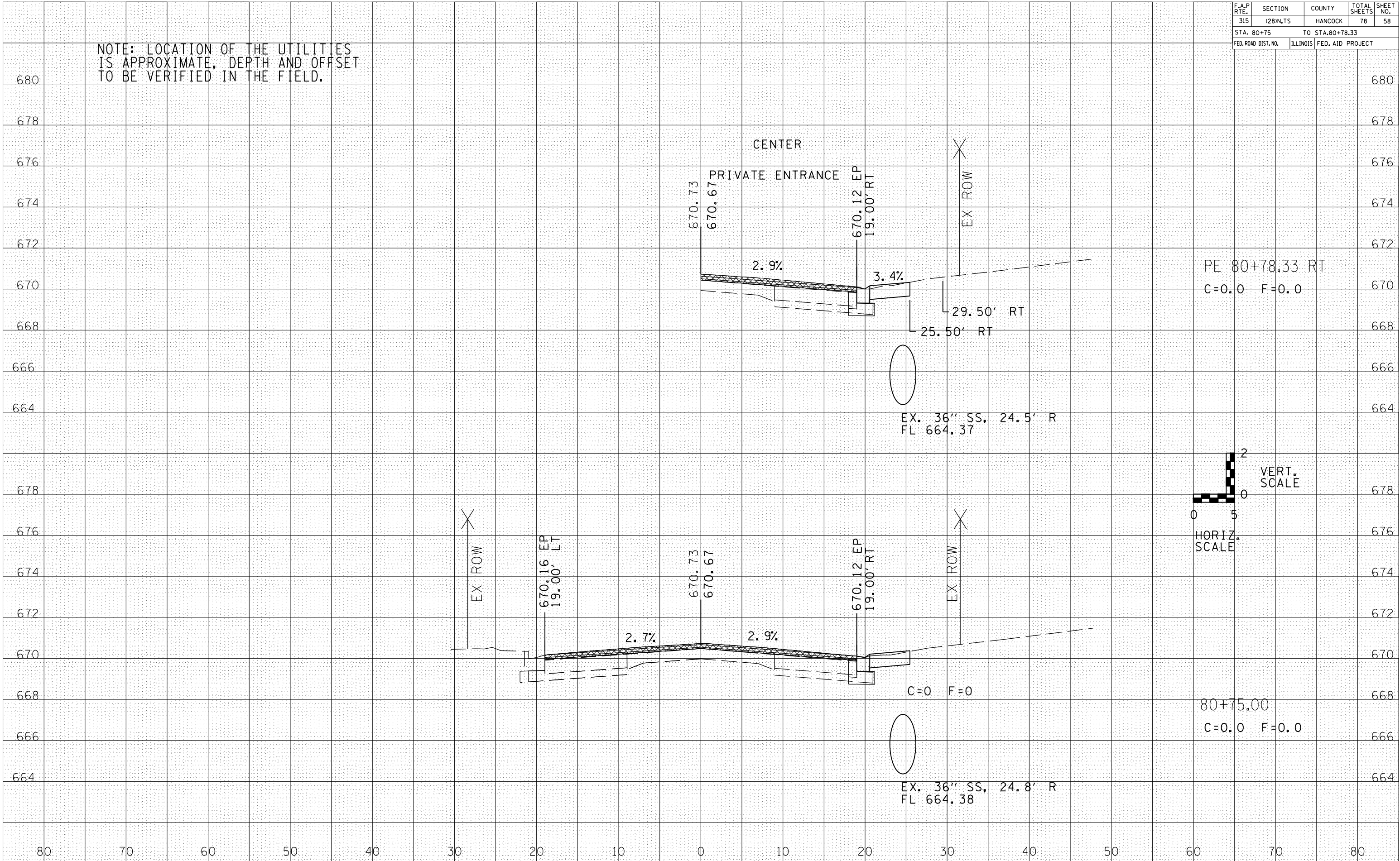
PE 80+51.50 LT
C=0.0 F=0.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	58
STA. 80+75		TO STA. 80+78.33		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

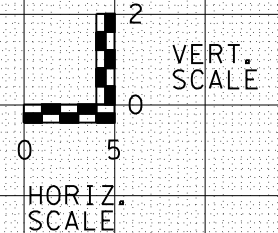
NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY



PE 80+78.33 RT
C=0.0 F=0.0

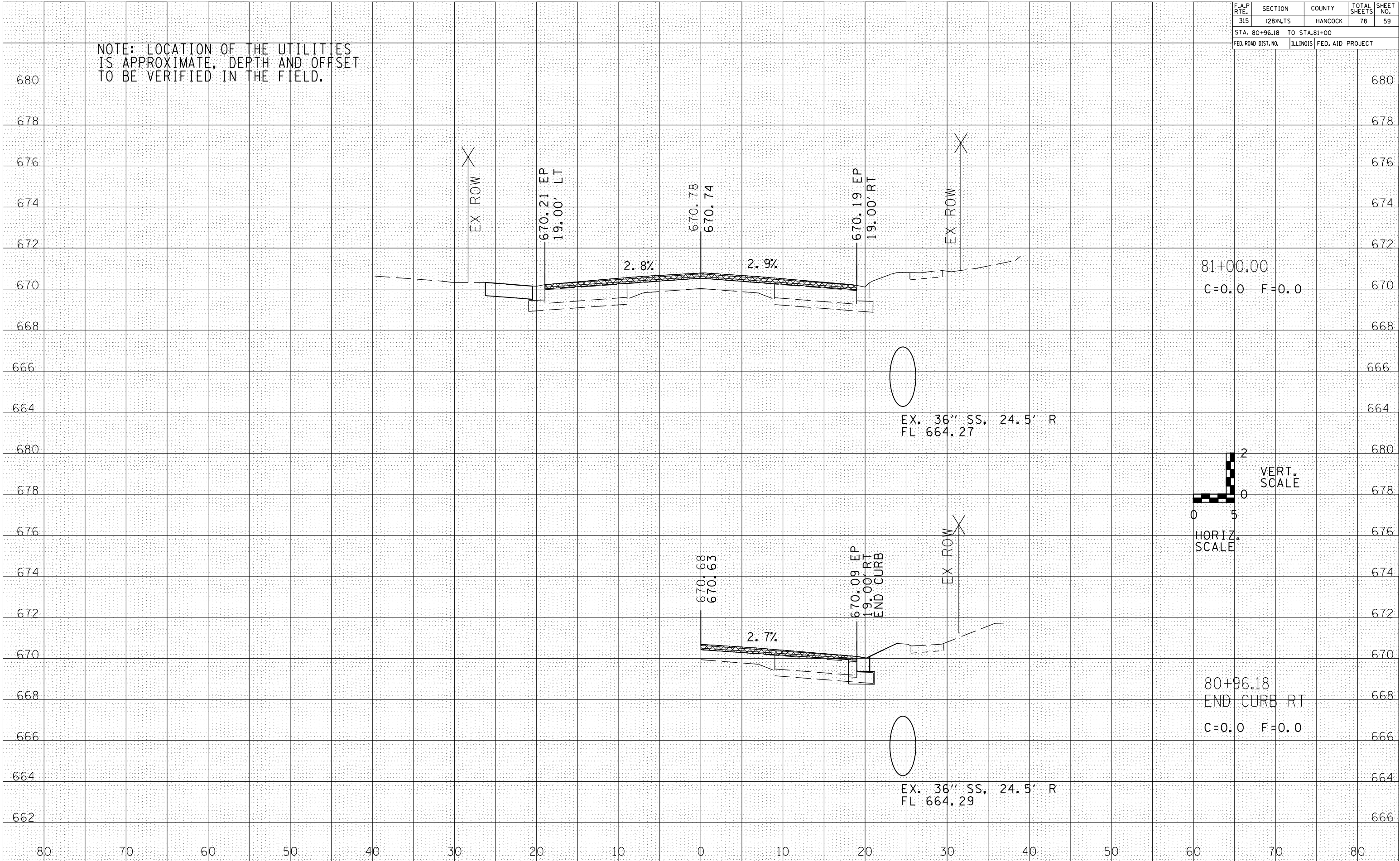


80+75.00
C=0.0 F=0.0

EX. 36" SS, 24.8' R
FL 664.38

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	59
STA. 80+96.18 TO STA.81+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.



BY	DATE

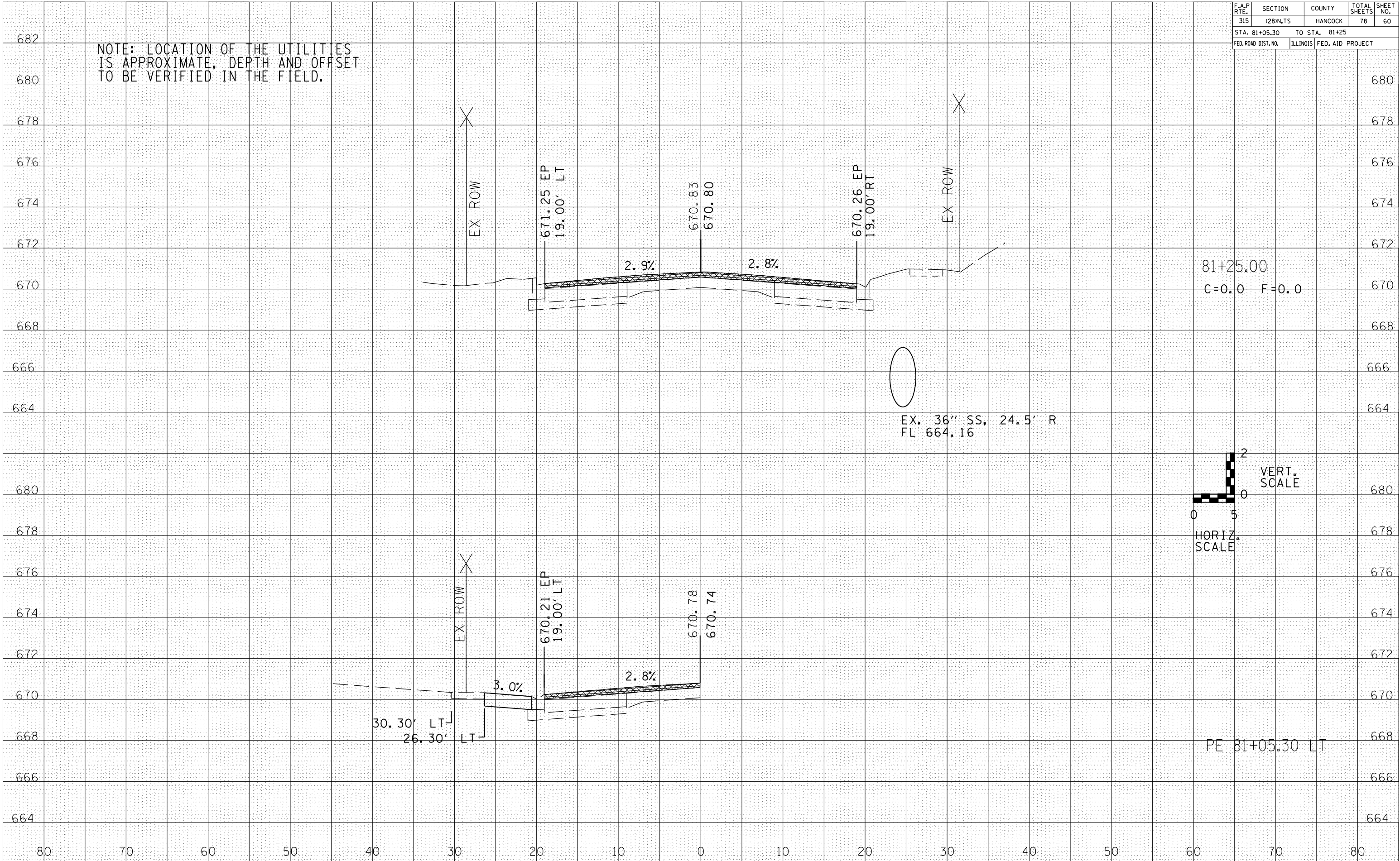
BY	DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	60
STA. 81+05.30		TO STA. 81+25		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

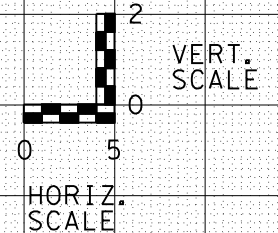
DATE	BY

DATE	BY



81+25.00
C=0.0 F=0.0

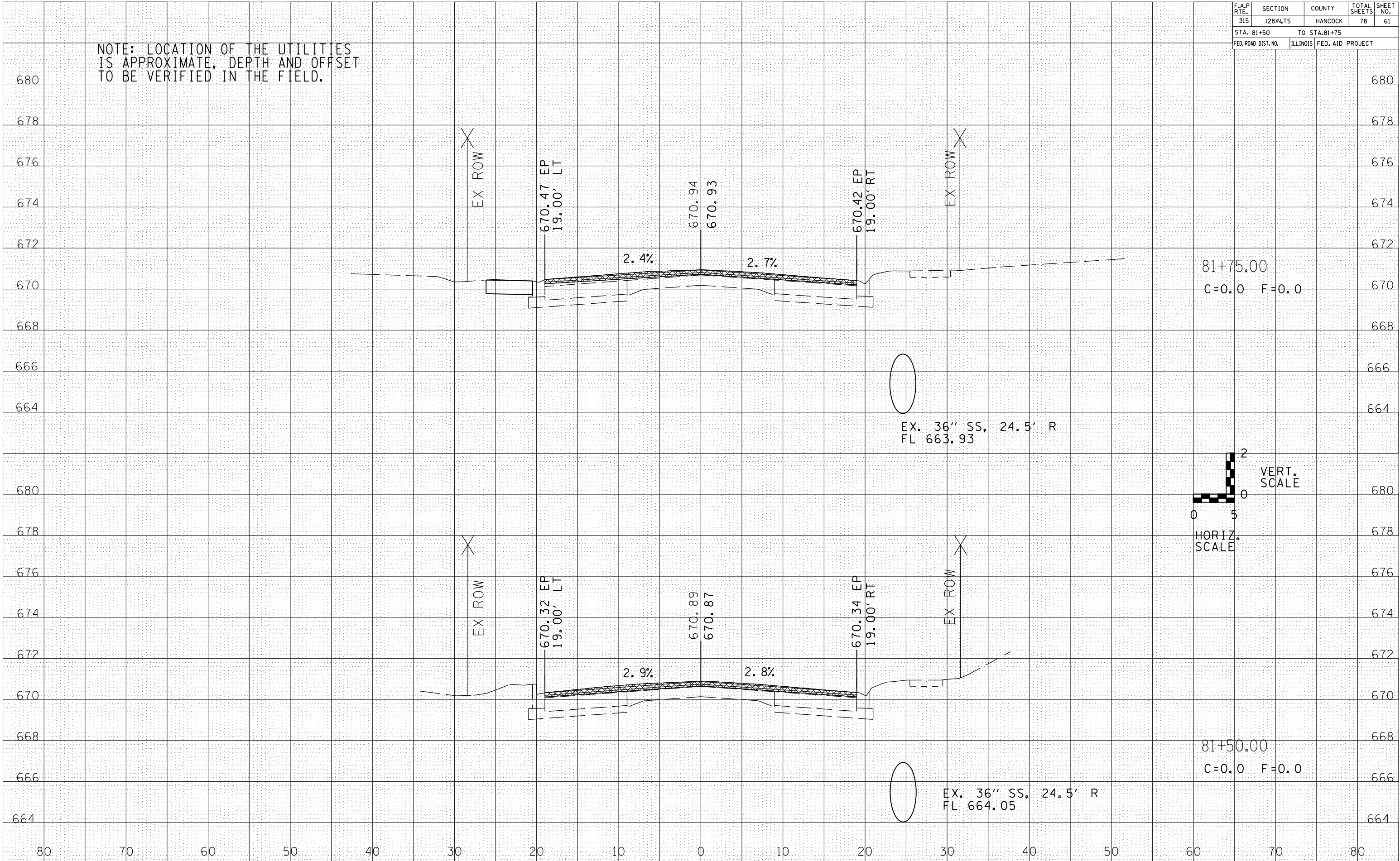
EX. 36" SS, 24.5' R
FL 664.16



PE 81+05.30 LT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	61
STA. 81+50		TO STA.81+75		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.



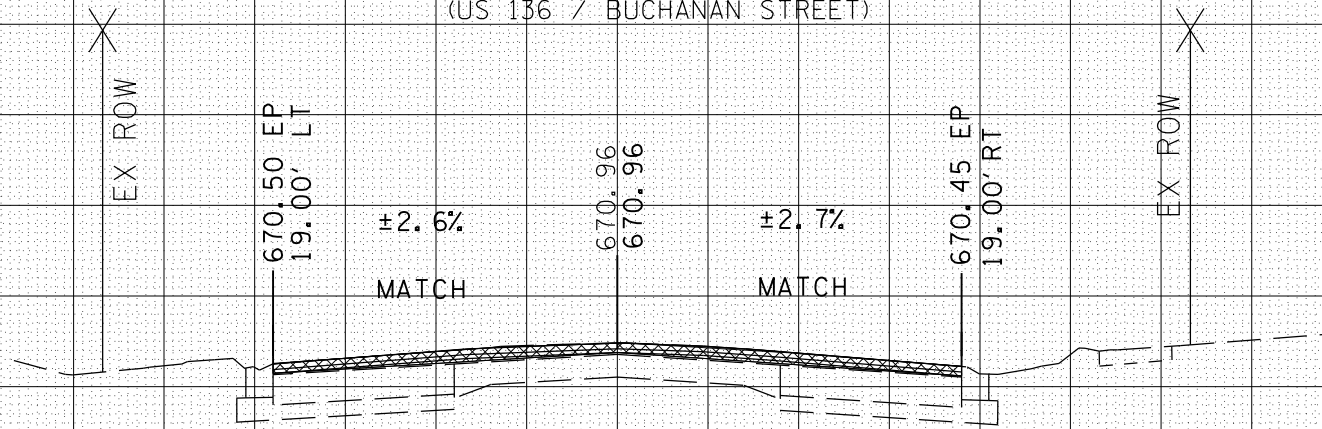
DATE	BY

DATE	BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N.TS	HANCOCK	78	62
STA. 81+79.15			TO STA. 81+86.33	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

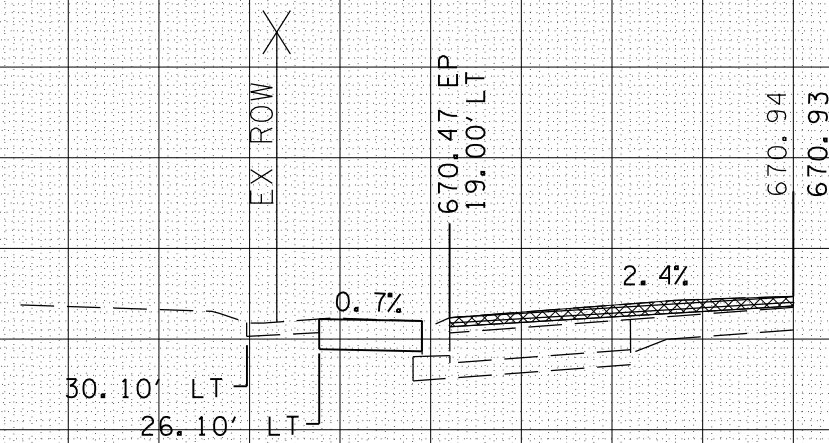
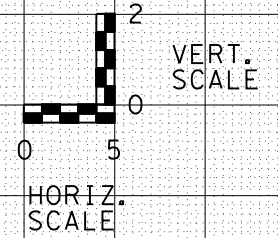
NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

END IMPROVEMENTS
FAP 315
(US 136 / BUCHANAN STREET)



81+86.33
C=0.0 F=0.0

EX. 36" SS, 24.5' R
FL 663.85



PE 81+79.15 LT

DATE	BY

DATE	BY

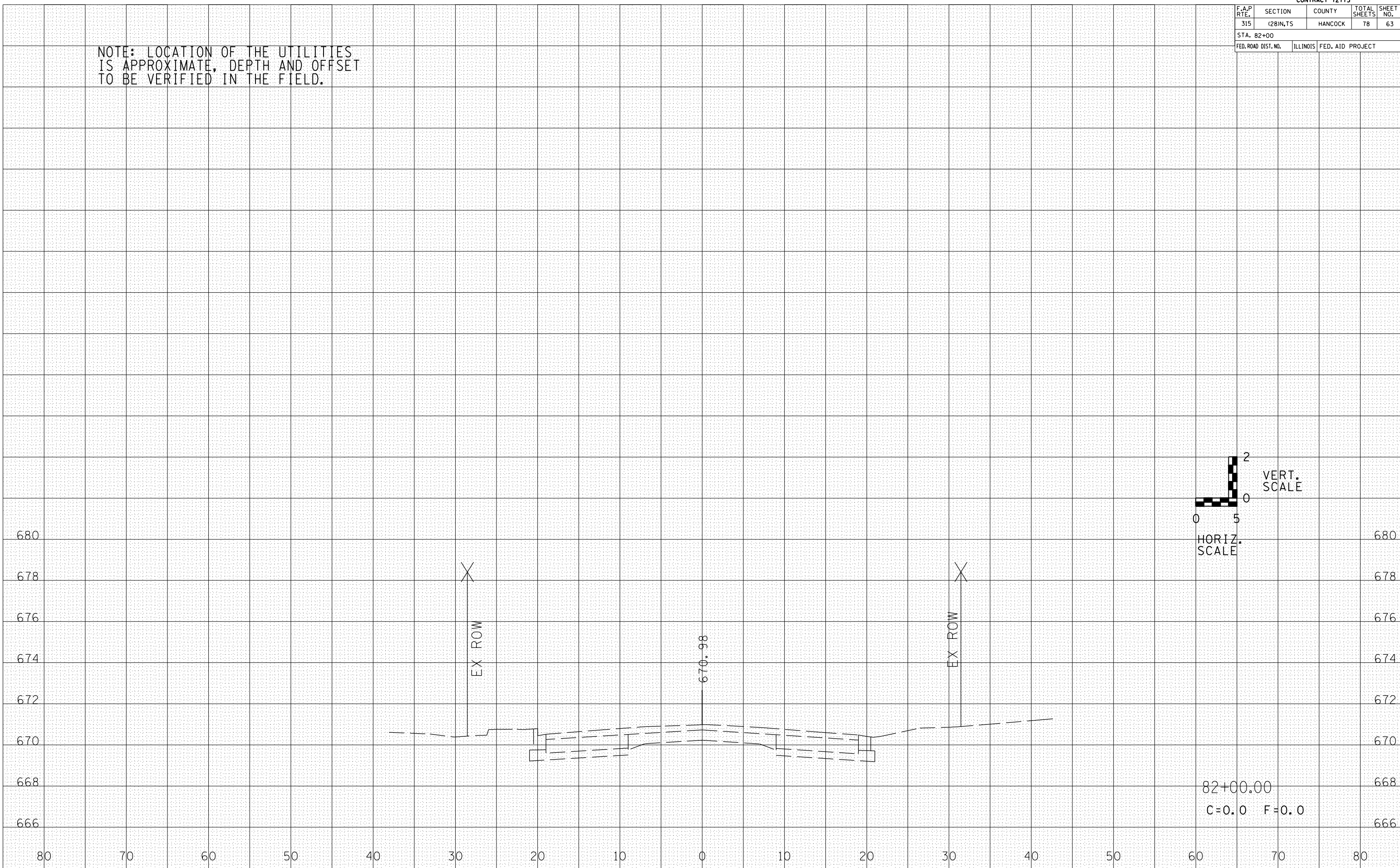
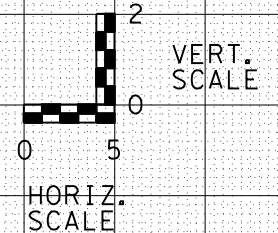
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	63

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
STA. 82+00		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY



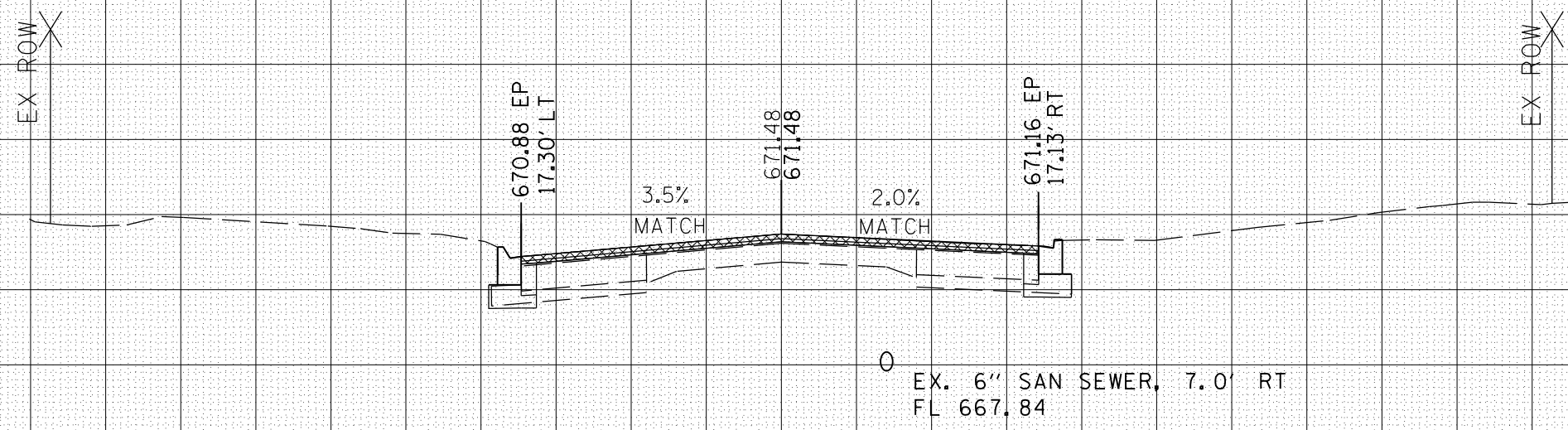
82+00.00
C=0.0 F=0.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	64

STA. 652+50 TO STA. 652+68.53
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

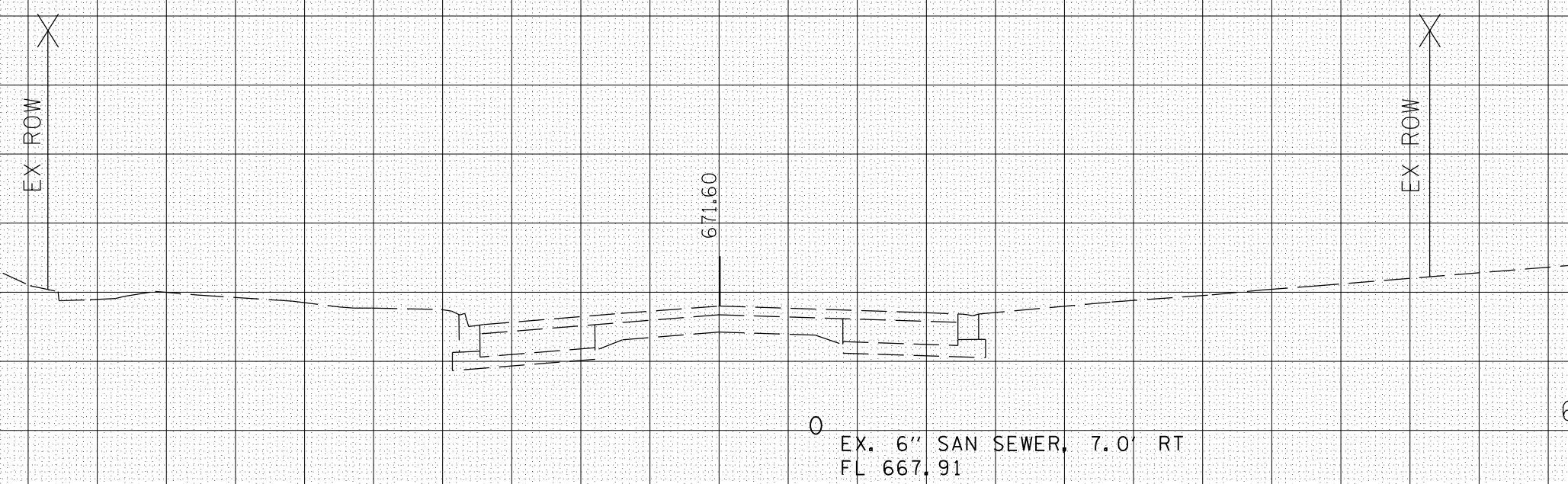
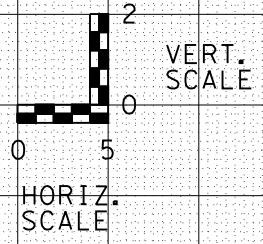
NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

BEGIN IMPROVEMENTS
FAP 514
(IL 94 / MADISON STREET)



652+68.53
C=0.0 F=0.0

EX. 6" SAN SEWER, 7.0' RT
FL 667.84



652+50.00

EX. 6" SAN SEWER, 7.0' RT
FL 667.91

BY	DATE	DATE

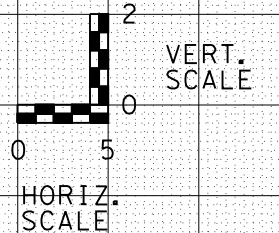
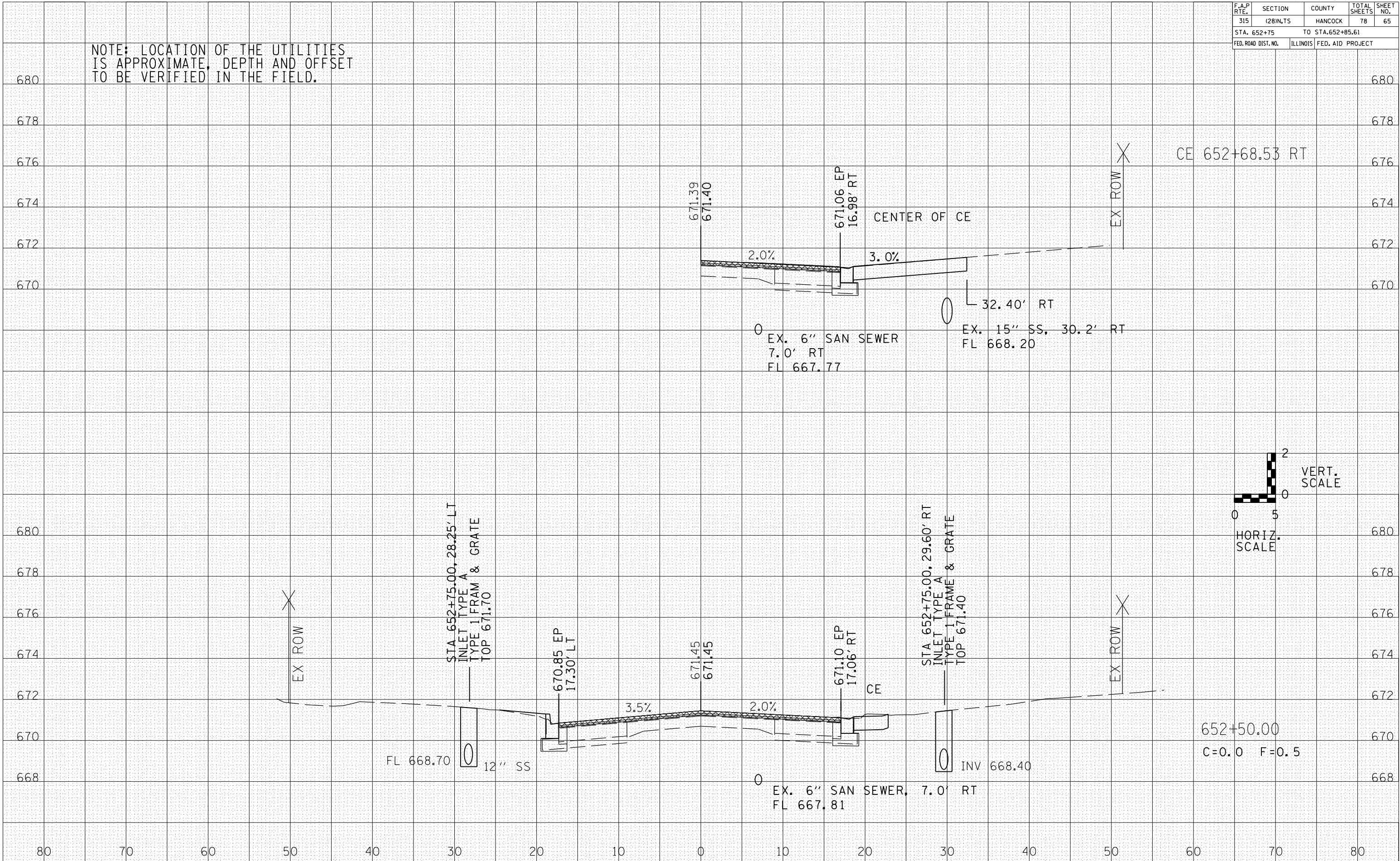
BY	DATE	DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	65
STA. 652+75		TO STA. 652+85.61		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY

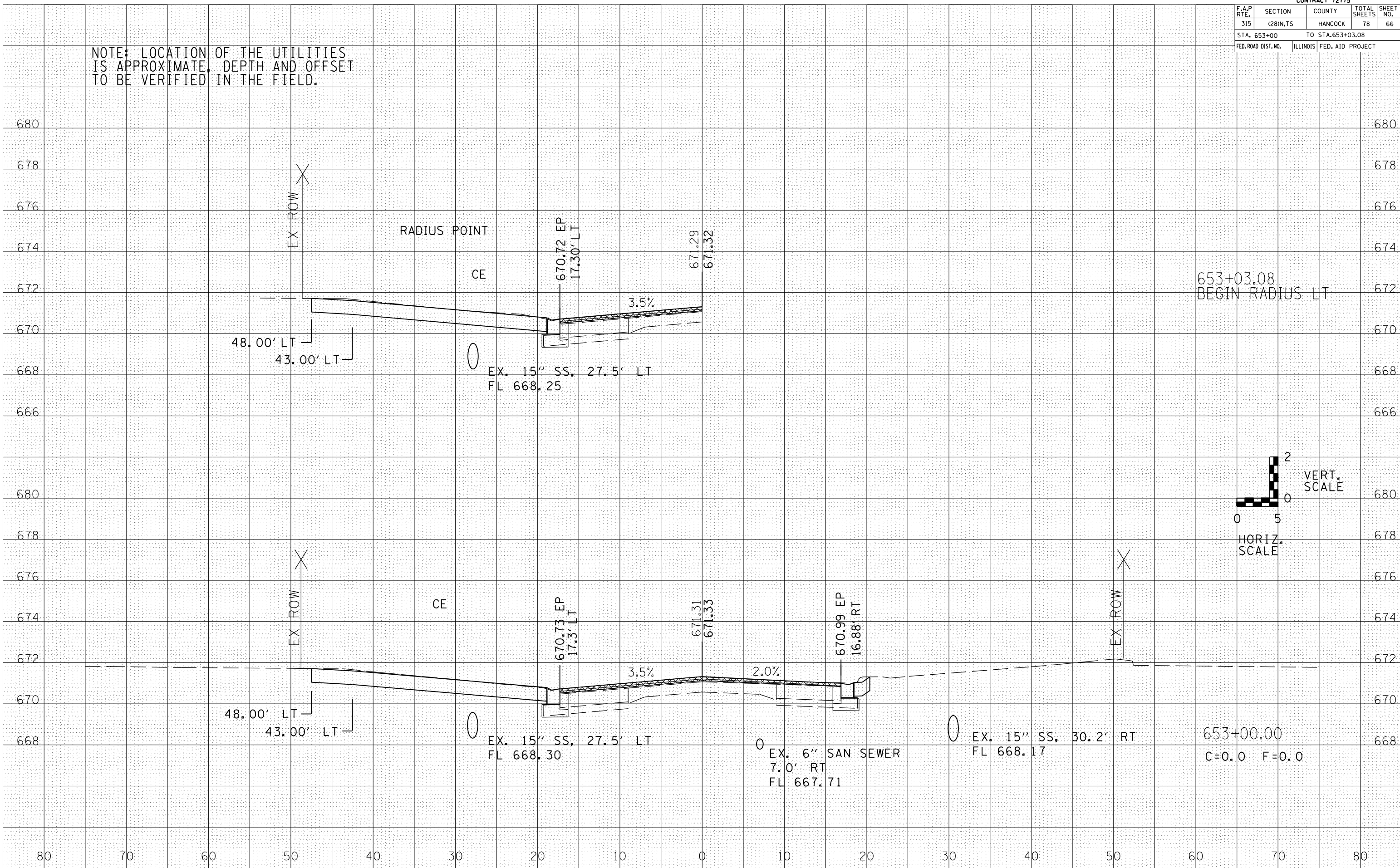


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	66
STA. 653+00		TO STA.653+03.08		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

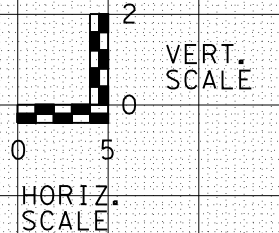
NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

BY	DATE

BY	DATE



653+03.08
BEGIN RADIUS LT



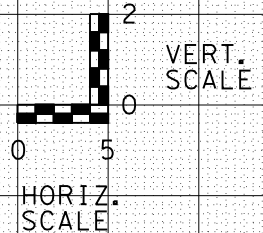
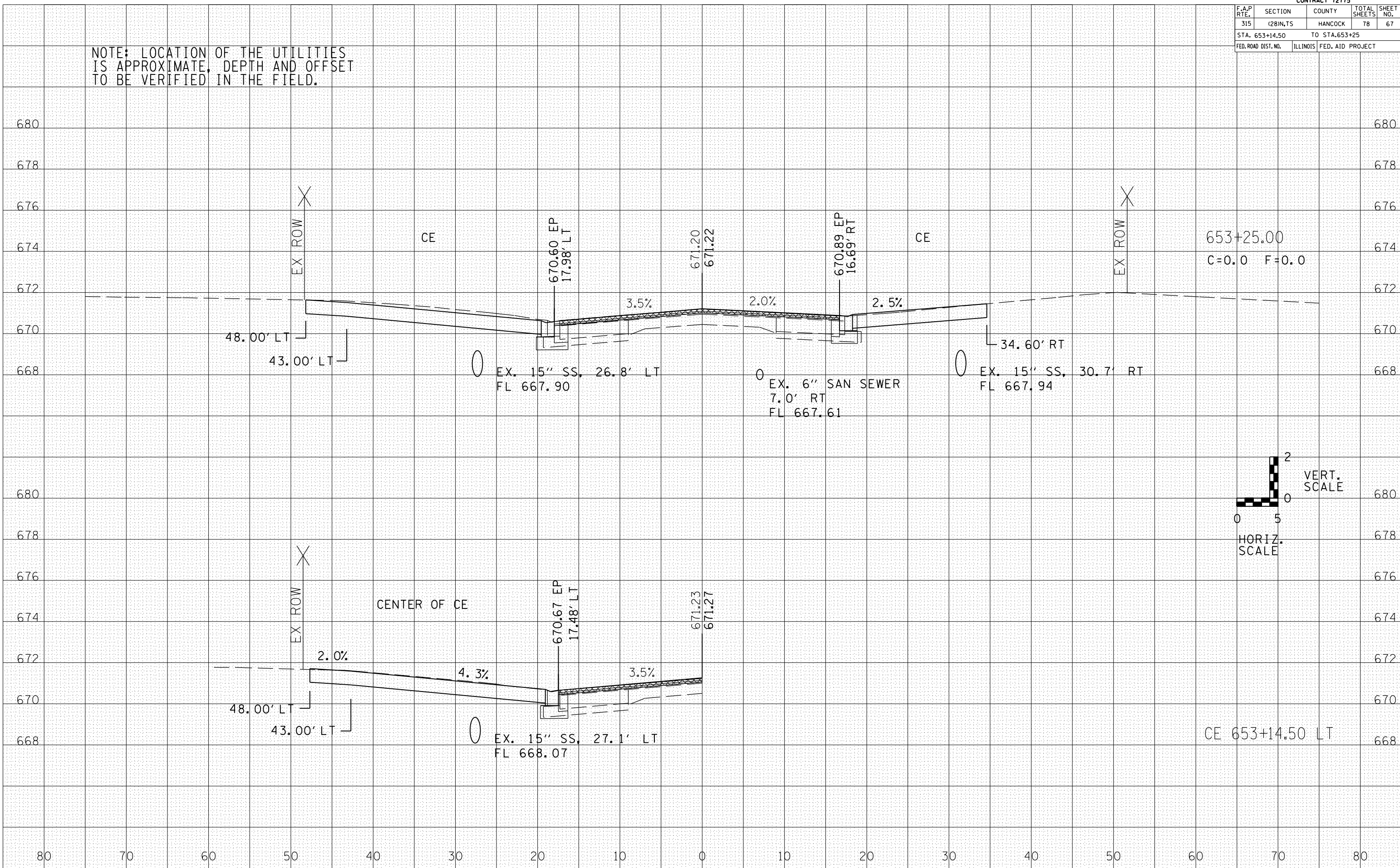
653+00.00
C=0.0 F=0.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N.TS	HANCOCK	78	67
STA. 653+14.50		TO STA.653+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY

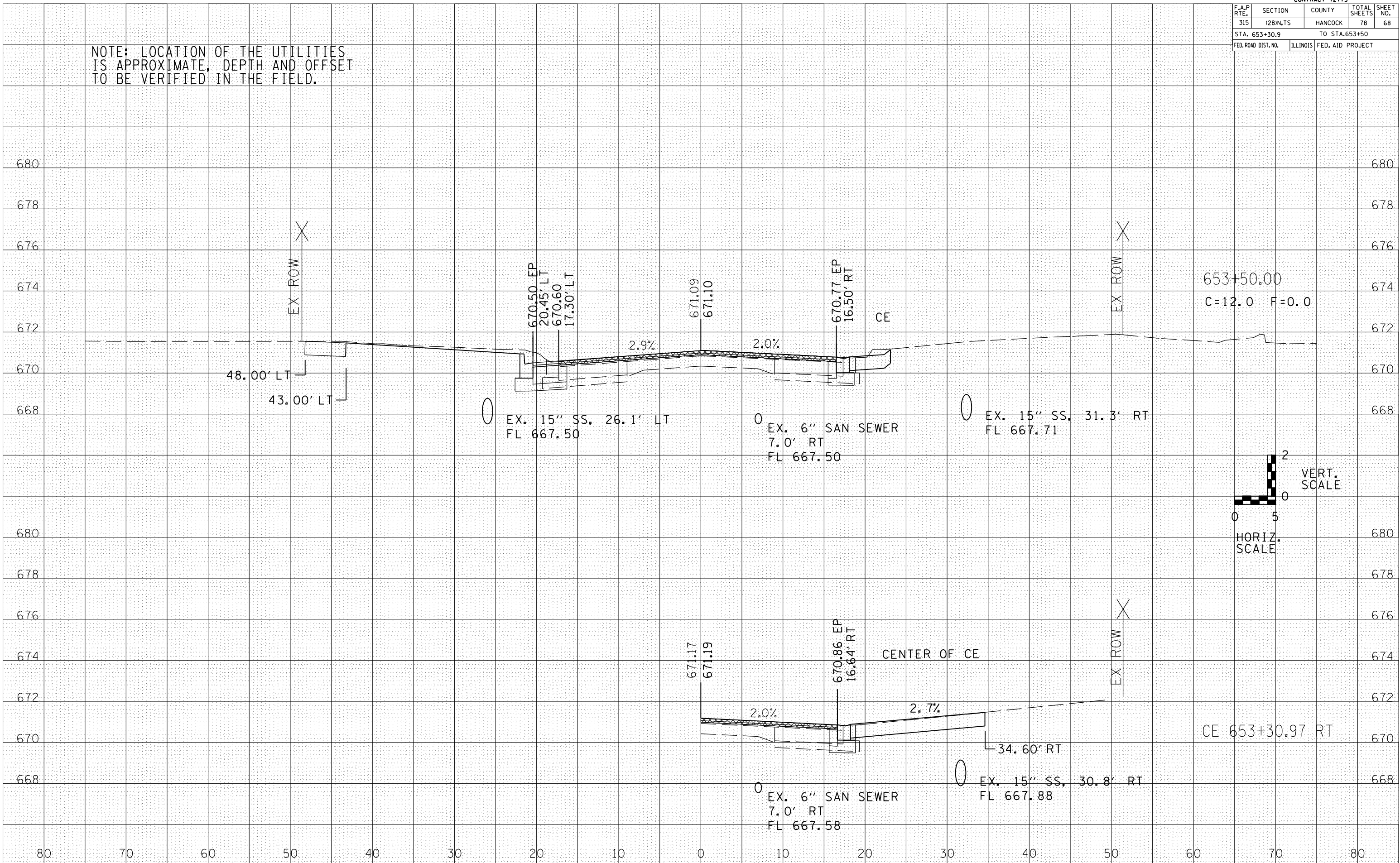


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N.TS	HANCOCK	78	68
STA. 653+30.9			TO STA. 653+50	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY

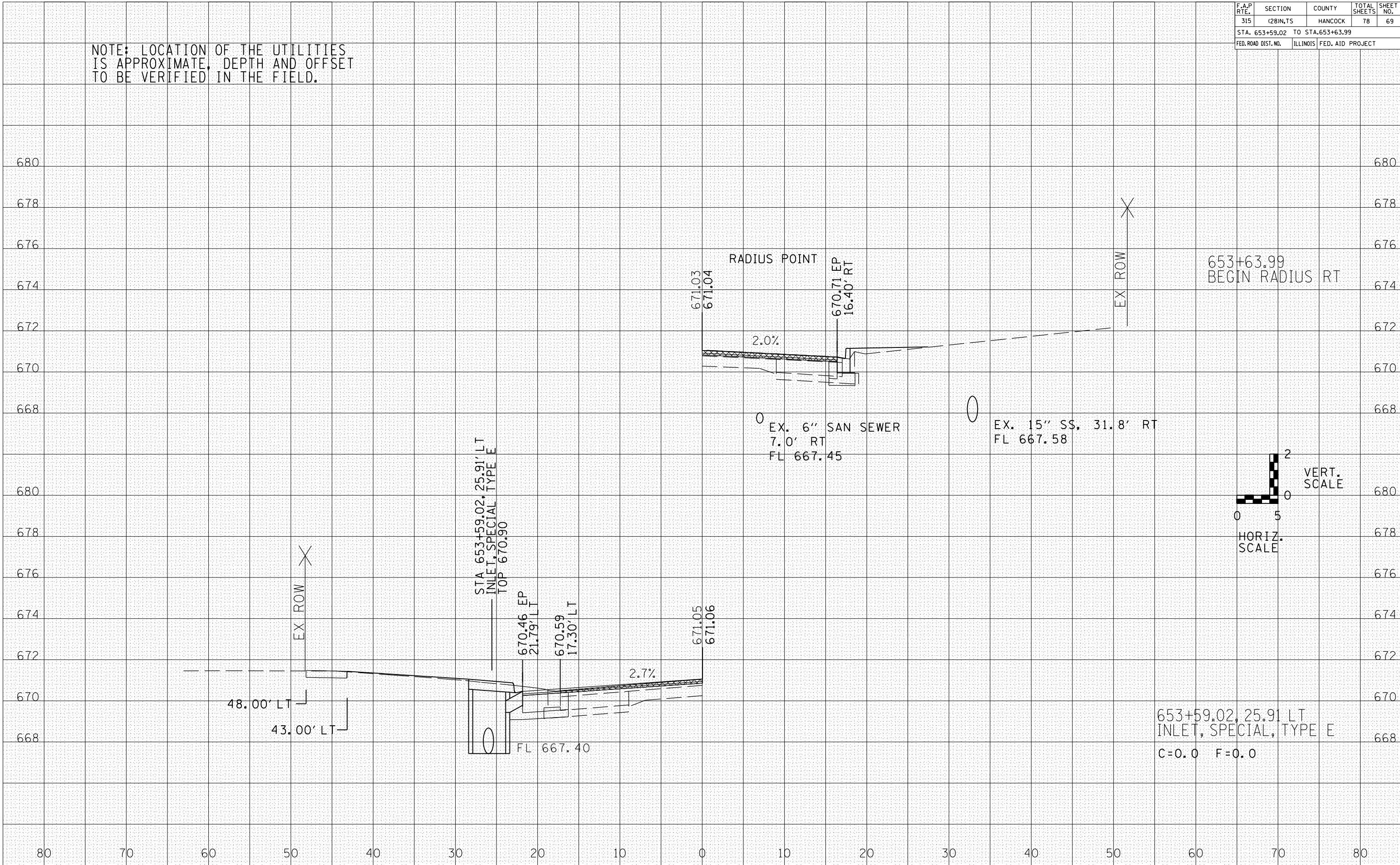


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N.TS	HANCOCK	78	69
STA. 653+59.02 TO STA.653+63.99				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

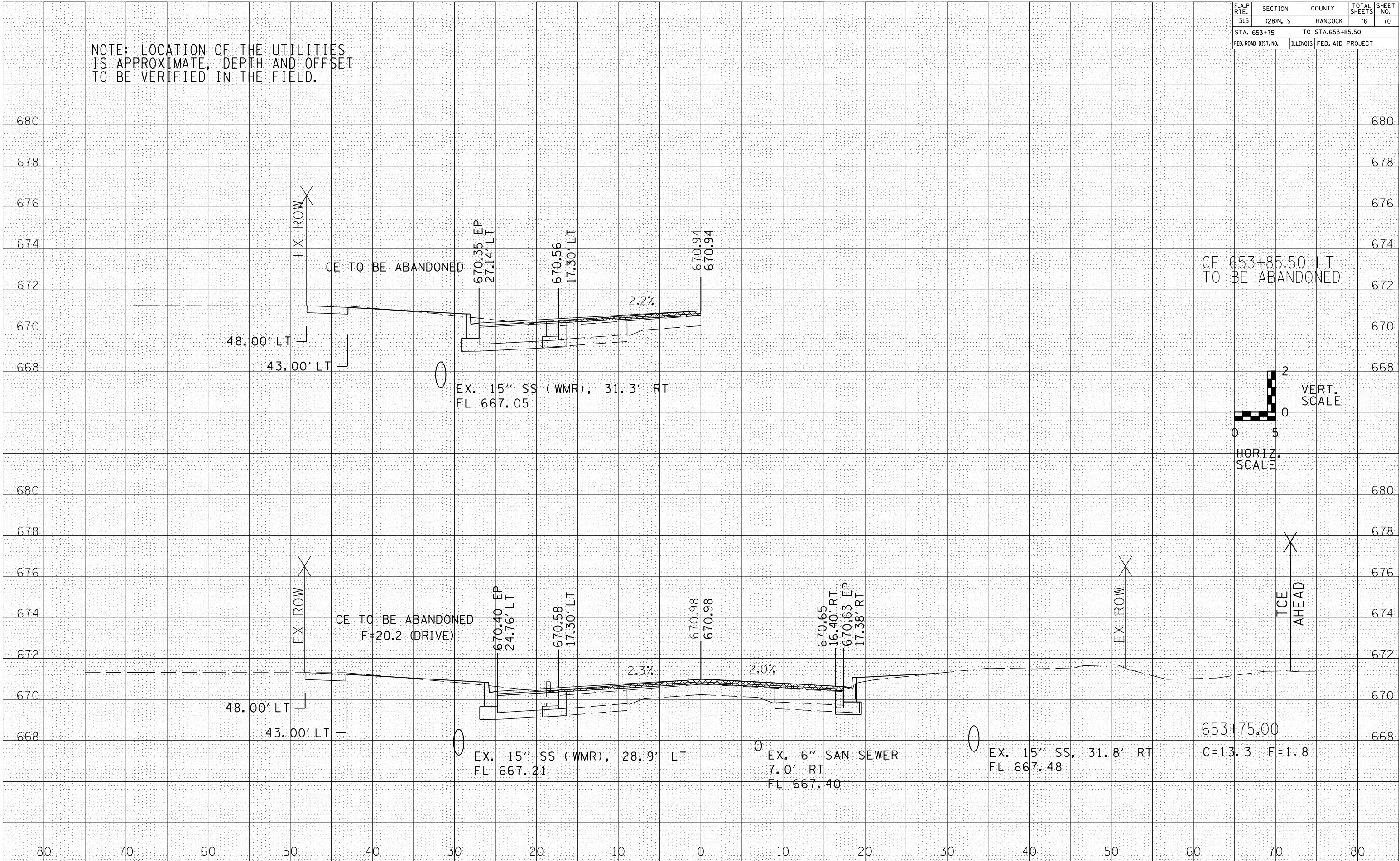
DATE	BY

DATE	BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	70
STA. 653+75		TO STA. 653+85.50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.



DATE	BY

DATE	BY

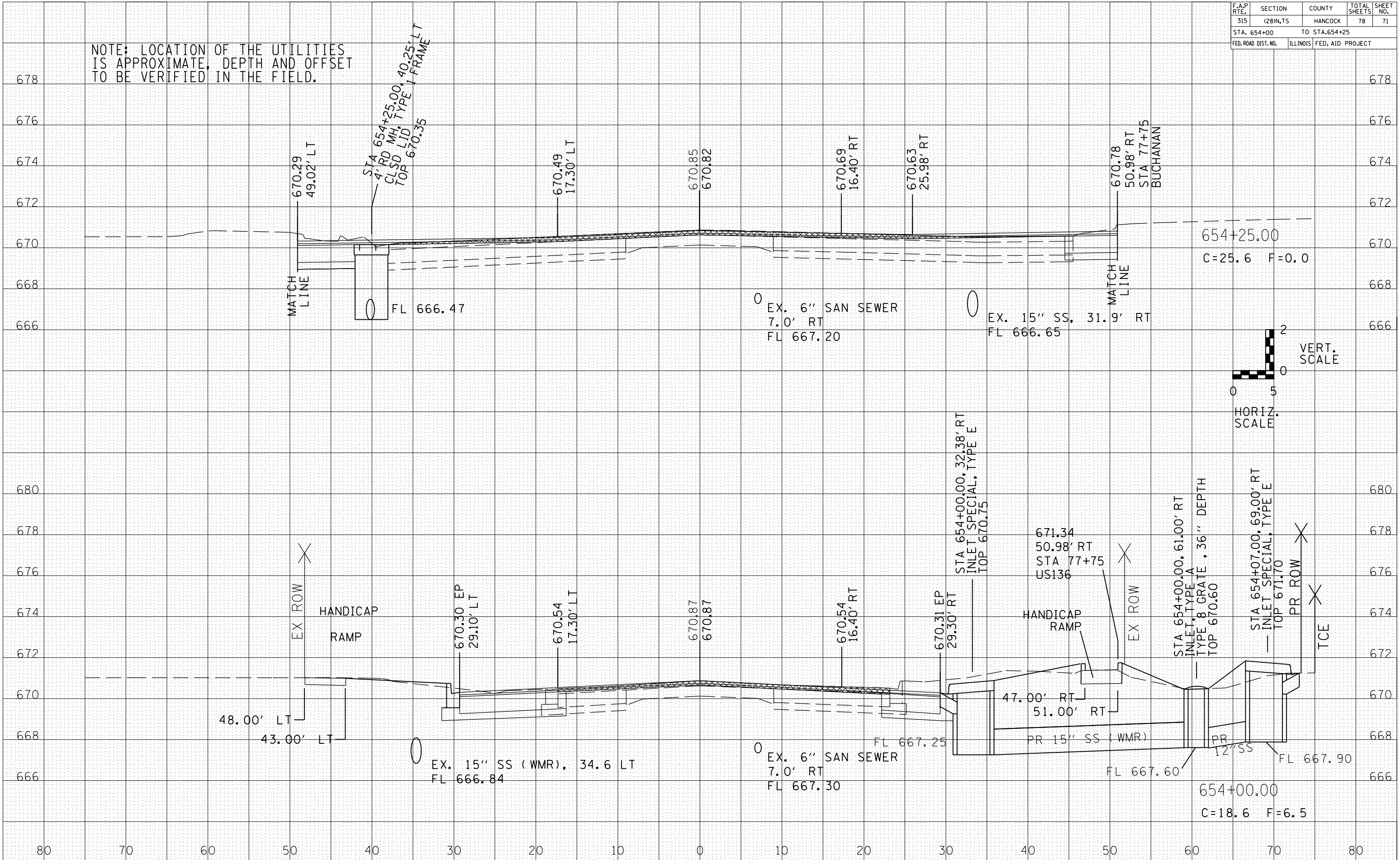
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	71
STA. 654+00		TO STA. 654+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

FINAL SURVEY	SURVEYED	PLOTTED	DATE	NO.

BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE	NO.

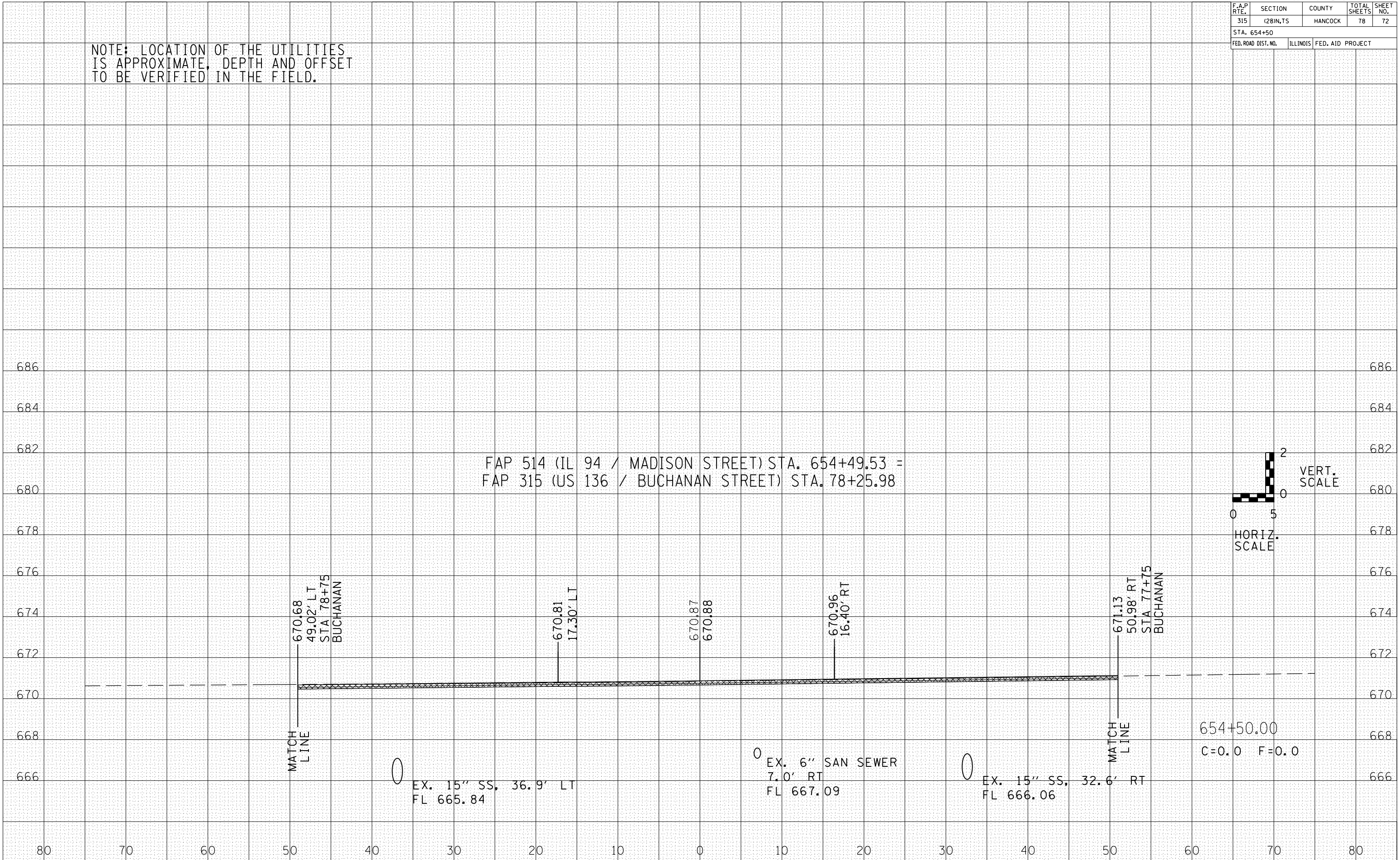


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	72
STA. 654+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

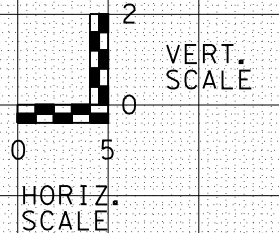
NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY



FAP 514 (IL 94 / MADISON STREET) STA. 654+49.53 =
 FAP 315 (US 136 / BUCHANAN STREET) STA. 78+25.98



654+50.00
 C=0.0 F=0.0

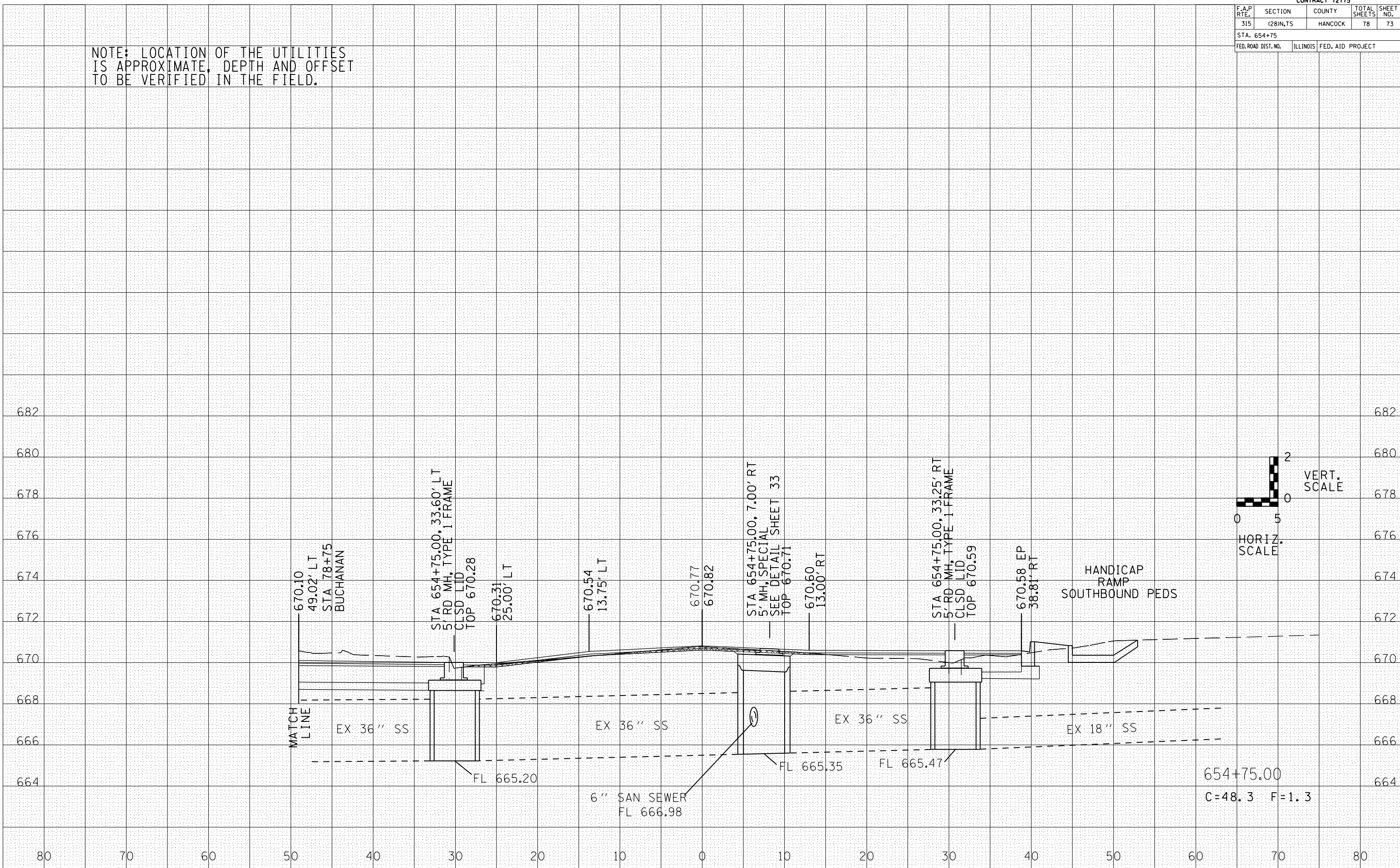
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	73

STA. 654+75			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY

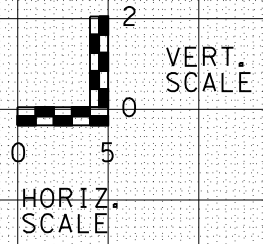
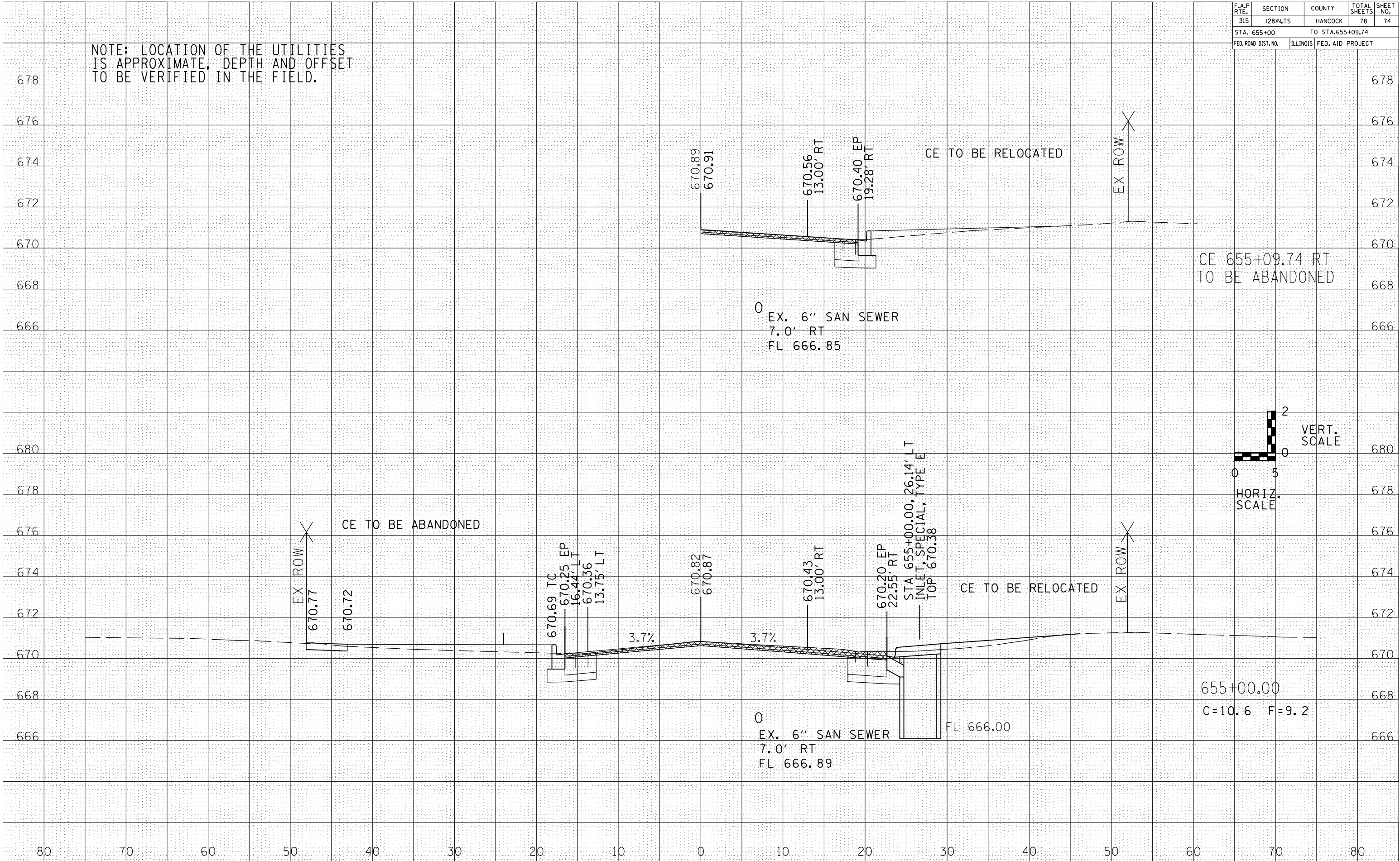


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	74
STA. 655+00		TO STA.655+09.74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

BY	DATE

BY	DATE

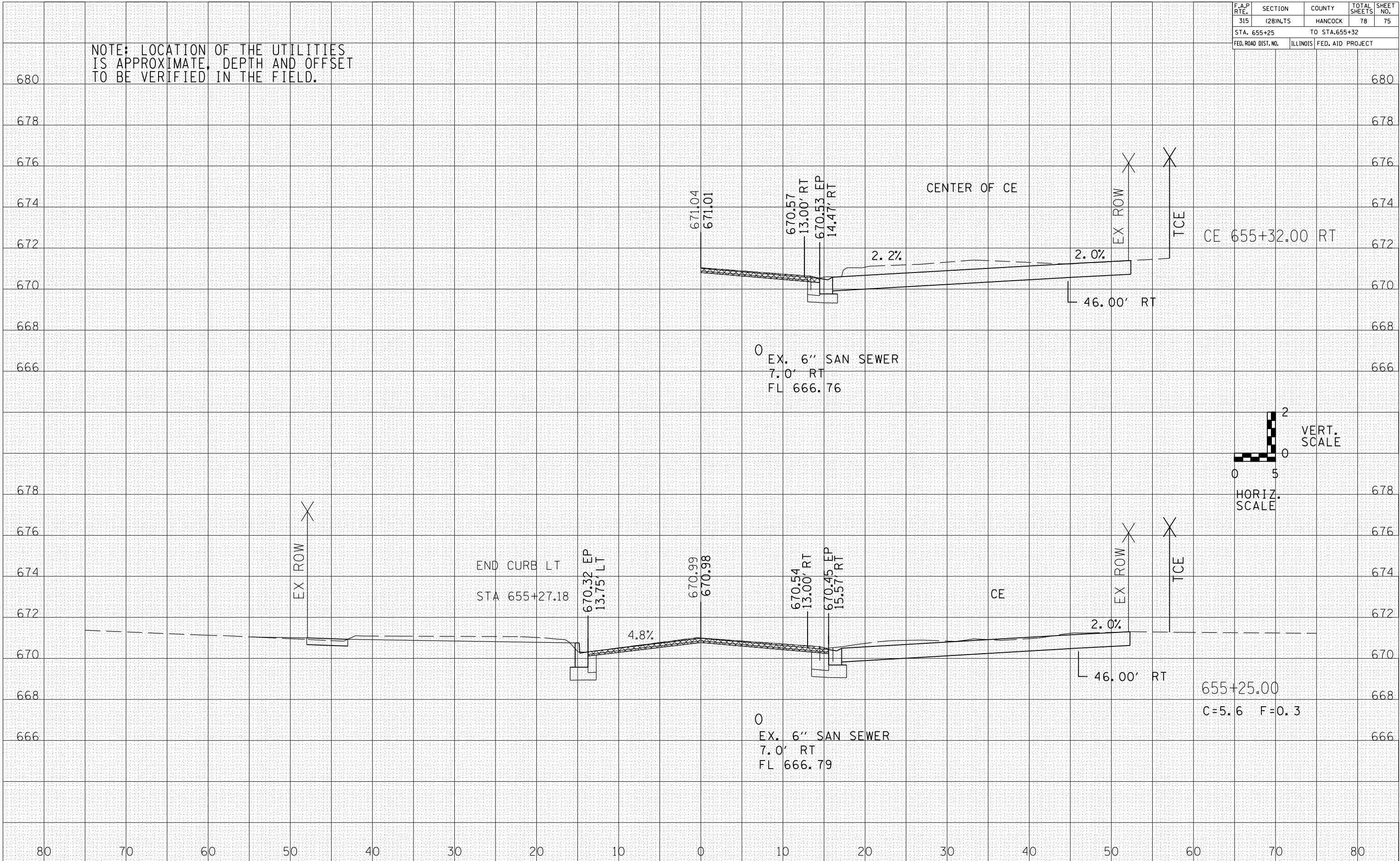


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	75
STA. 655+25			TO STA.655+32	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY

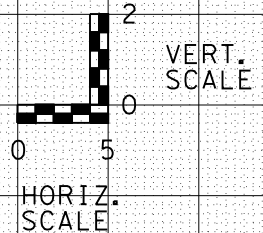
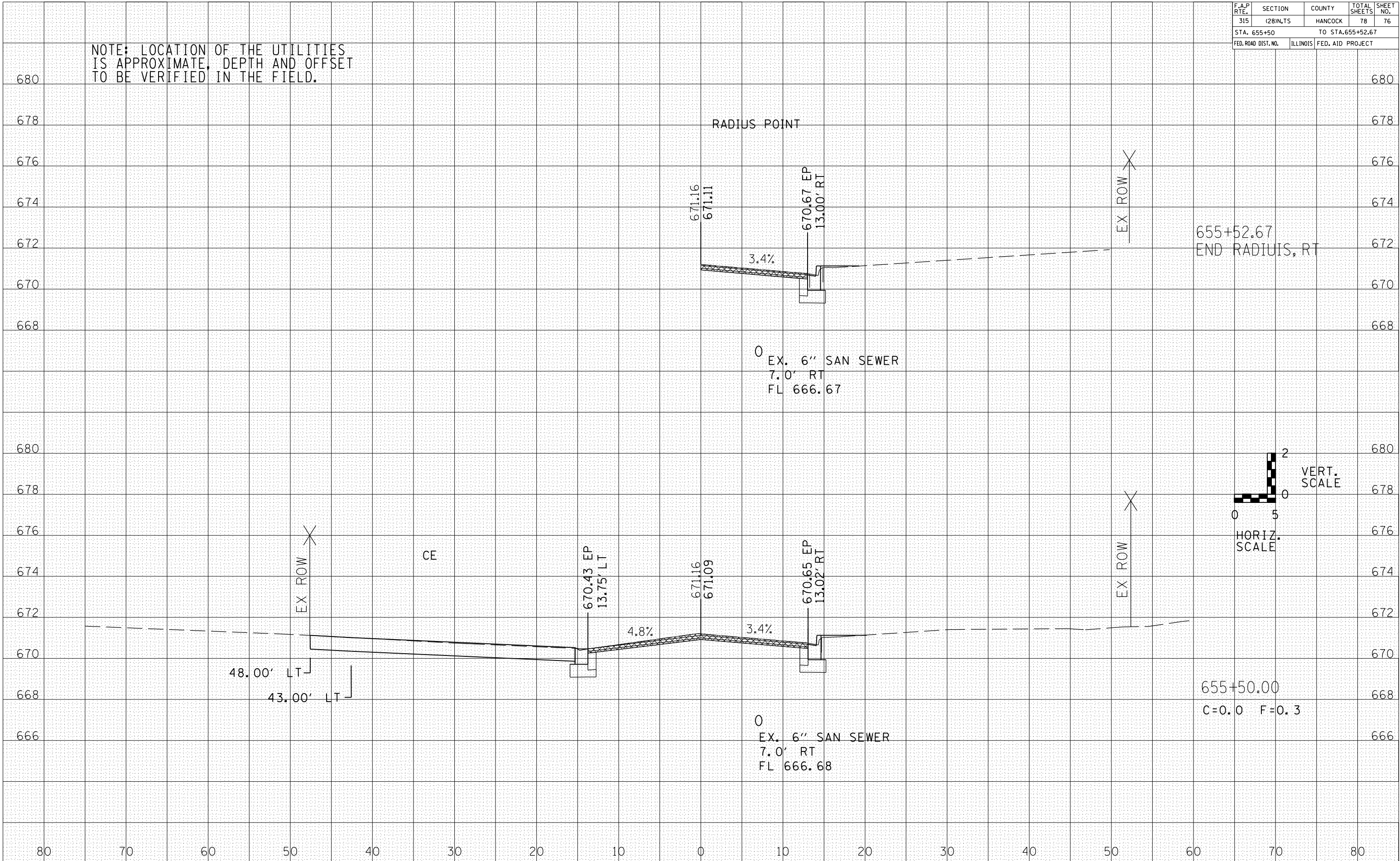


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	76
STA. 655+50		TO STA. 655+52.67		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N.TS	HANCOCK	78	77
STA. 655+52.99		TO STA. 655+75		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

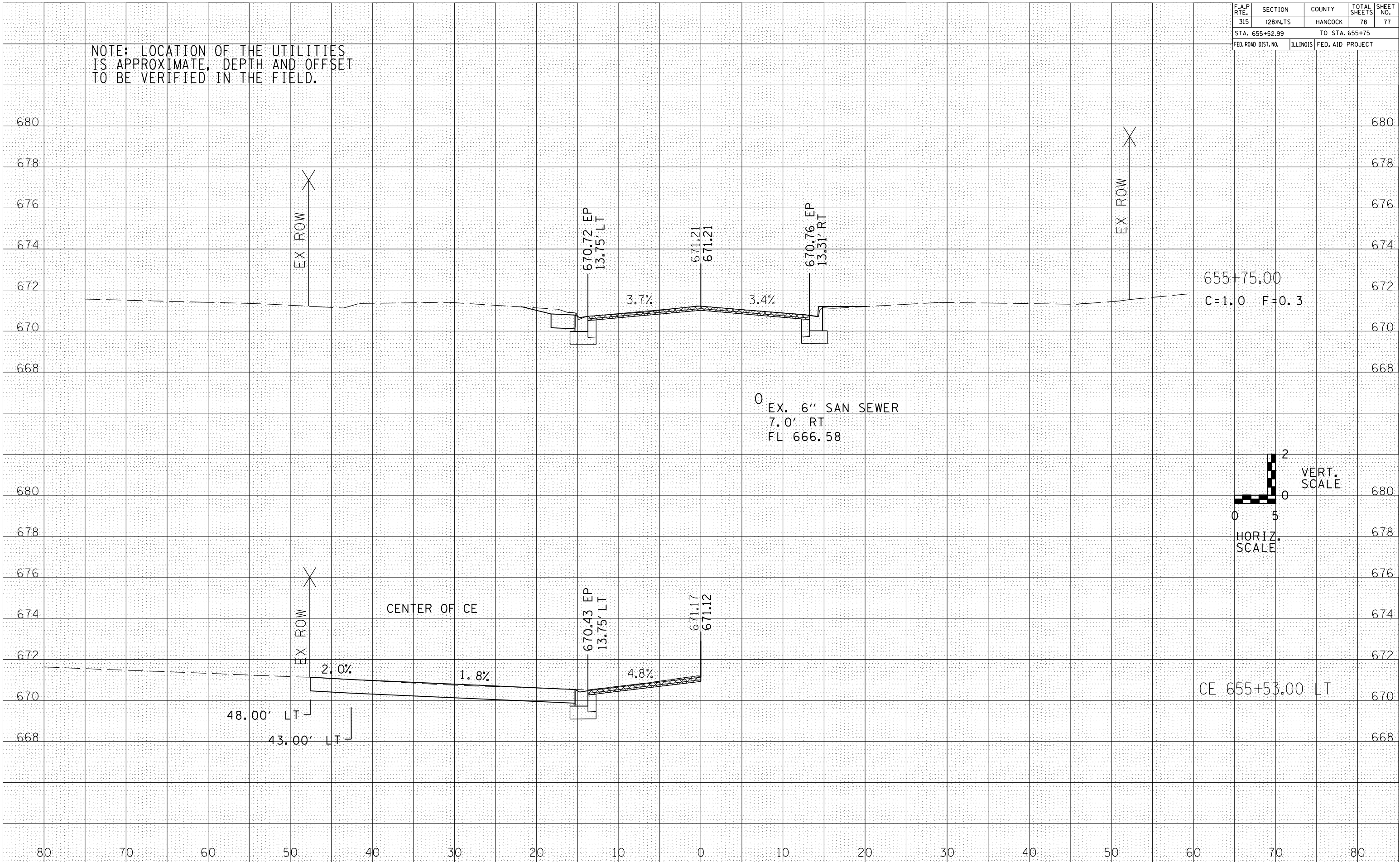
NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

BY	DATE

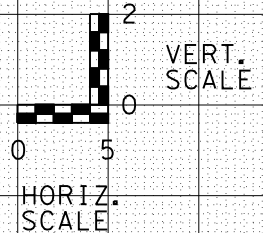
NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED



0 EX. 6" SAN SEWER
7.0' RT
FL 666.58



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N.TS	HANCOCK	78	78
STA. 655+78.21		TO STA. 656+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE, DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

DATE	BY

DATE	BY

