

FAP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317A/622	(129,20)N	FULTON	89	1
RTE. US 24/IL 100	ILLINOIS	CONTRACT NO. 68B45		

D-94-027-13



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 4/27 2016
Keith A. Knott
REGION THREE ENGINEER

Julie M. Addis PE
ENGINEER OF DESIGN AND ENVIRONMENT

Julie M. Addis
DIRECTOR OF PROGRAM DEVELOPMENT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP 317A /622 ROUTE US 24 /IL 100 /IL 97
SECTION (129,20)N
PROJECT ACNHPP-000V(082)
TYPE of IMPROVEMENT: INTERSECTION
FULTON COUNTY

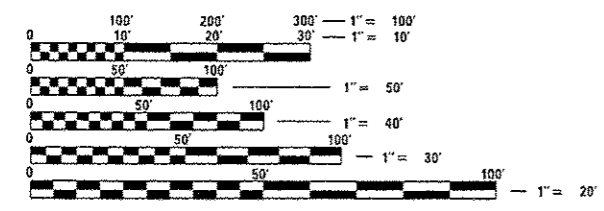
C-94-051-13

FOR INDEX OF SHEETS, SEE SHEET NO. 2
07-29-2016 LETTING ITEM 040
HIGHWAY STANDARDS

280001-07	604026-03	701901-05
420001-08	606001-06	720011-01
420111-03	606201-03	728001-01
424011-02	666001-01	729001-01
602301-04	701502-06	780001-05
602401-03	701701-10	781001-04
602601-04	701801-06	BLR22-7
604001-04		

CADD STANDARDS

423101-D4	602011-D4	606201-D4
510001-D4	602401-D4	667101-D4
602001-D4	604001-D4	780001-D4
	604301-D4	



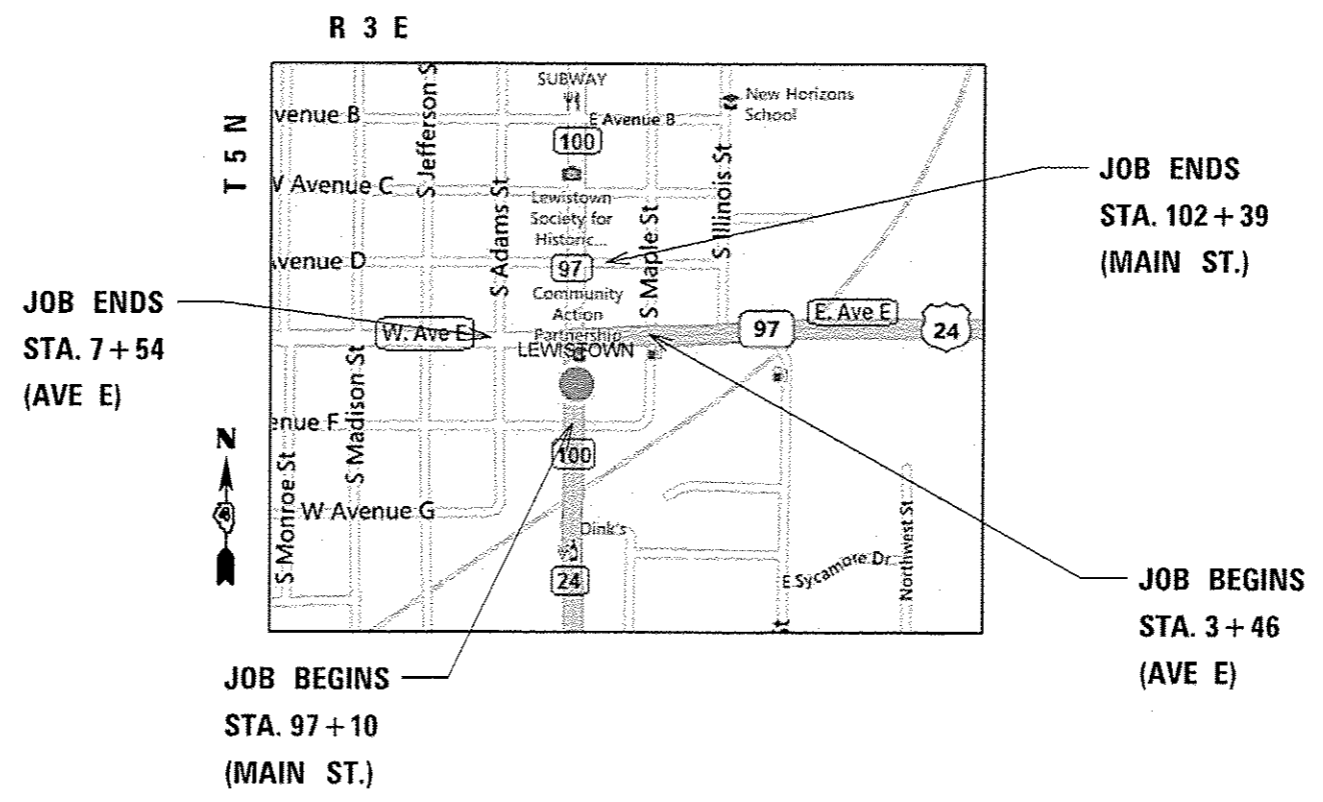
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

IL 100/97	US 24/IL 97
ADT 6050/2013	ADT 1700/3400/2010/2013
CRS 4.1/6.5/2012	CRS 4.2/2012
MU 140/225/2012	MU 170/2012

PROJECT ENGINEER: CHRISTOPHER MAUSHARD, 309-671-3453
PROJECT MANAGER: MIKE HUDELSON, GEORGE ELIAS, 309-671-3467

CONTRACT NO. 68B45
CATALOG NO. 034922-00D



**JOB DESCRIPTION: INTERSECTION IMPROVEMENT OF US 24 /IL 97 AT
IL 100 (MAIN STREET) IN LEWISTOWN**

GROSS LENGTH = 3971 FT. = 0.752 MILE
NET LENGTH = 3971 FT. = 0.752 MILE

INDEX OF SHEETS

- 1 Cover Sheet
- 2 Index of Sheets
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- 72-89 Cross Sections Highway Standards

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	INCIDENTAL HMA
ACPG	64-22
Design Air Voids:	4.0 % N=50
Mixture Composition: (Gradation Mixture)	IL 9.5
Friction Aggregate	MIX C
Quality Management Program	QC/QA

Notes: Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal aggregate size.

AVAILABILITY OF ELECTRONIC FILES

Micro Station and GEOPAK files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

TREE REMOVAL – UTILITY RELOCATION

Tree removal may be necessary prior to utility companies being able to relocate their facilities outside the construction limits. The Contractor should coordinate any contract tree removal activities with the utility companies to eliminate conflicts and potential delays caused by utility tree removal activities or incomplete utility relocations.

PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

TEMPORARY MATERIAL REQUIREMENTS – UTILITY AND DRIVEWAY CROSSINGS

Incidental hot-mix asphalt surface shall be used for all temporary side road crossings. Aggregate surface course may be used for all driveway crossings except during winter shutdown in accordance with Article 107.09.

FILE NAME : D458845-sh1-plendgn	USER NAME : aubreyga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES /JOB SPECIFIC NOTES	F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -			317A/622	(129.20)N	FULTON	89	2
Default	PLOT DATE = 5/3/2016	DATE -	REVISED -	SCALE:	SHEET OF SHEETS STA.	RTE. US 24/IL 100 CONTRACT NO. 68845 ILLINOIS FED. AID PROJECT				

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- *BDE Form 2289 (Environmental Survey Request)
- *BDE Form 2290 (Waste/Use Area Review)
- *A location map showing the size limits and location of the use area
- *Color photographs depicting the use area
- *Borrow Area Entry Agreement form-D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided. Any pipe between the existing drainage system & the structure will be for as 109.04

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval – 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers – 6 inches (150 mm) from the inside edge of the pavement marking

Location:

- * 2,3, & 5 Lane Pavements – right edge of pavement in direction of increasing stations
- * Multi-Lane Divided Roadways – outside edge of pavement in both directions
- * Ramps – along baseline edge of pavement

Position – stations shall be placed so they can be read from the adjacent shoulder

Format – English (Metric) pavement stations shall use this format "XXX (XX + X00)" where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

TRANSITION PAYMENT METHOD – NEW/OLD CONSTRUCTION

Ten feet (10 ft.) (3 m) transitions shall be used to match proposed items of work to existing items in the field unless otherwise shown. The transition shall be paid for at the contract unit price for the proposed item of work specified.

RIGHT-OF-WAY MARKERS

When installing right-of-way markers, care shall be taken to not disturb any existing property/right-of-way pins. If a property/right-of-way pin is found at the location of a proposed right-of-way marker, the marker shall be placed one (1) foot in front of the pin.

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e):
All of the telephone lines provided shall have unpublished numbers.

FILE NAME : 0468845-ent-plan.dgn	USER NAME : mbrayga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES /JOB SPECIFIC NOTES	F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE : 40,0000' / 1"	DRAWN -	REVISED -			317/	(129,20)N	FULTON	89	3	
	CHECKED -	REVISED -				630	RTE. US 24/IL 100				CONTRACT NO. 68B45
Default	PLOT DATE : 5/3/2016	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

SIGNING

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

TRAFFIC COUNTER LOOP DETECTOR INSTALLATION

The Resident Engineer and/or Contractor shall notify the Traffic Studies Technician in Program Development at least one week prior to the installation to determine exact location.

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

- 1) Parcel #4AFF001 property owners Mr. & Mrs. Dennis J. Carter
Any part of the brick sidewalk up to & around the house that are disturbed by construction shall be removed & reinstalled by the contractor
- 2) Parcel #4AFF002 property owners Mr. & Mrs. Adem Ademi
 - a) Mr. Ademi shall be contacted at least 30 days before the start of any new construction along his property line. This will allow sufficient lead time for him to remove his landscaping if he desires.
 - b) The Garden Restaurant sign and 2 bulb lightposts along US 24, the eastern property line, within the temporary easement area will not need to be relocated.
- 3) Parcel #4AFF005 property owner Mr. Larry Webb
The garage at the NorthEast corner of lot 3 (approx. sta. 99 + 00RT) shall not be disturbed or damaged during the demolition of the building on lot 2 (approx. stat. 98 + 75RT)

JOB SPECIFIC NOTES

- 1) Place ROW markers 1 foot inside proposed ROW LINE. route station equation as noted in the plans, the survey
- 2) The project designation, the centerline station, the state point, & the elevation shall be permanently marked by the use of metal dies after marker has been installed.

This work will not be paid for seperately, but will be included in the cost of PERMANENT SURVEY MARKERS, TYPE I.

FILE NAME : 0450845-shr-plan.dgn	USER NAME : aubrwyga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES /JOB SPECIFIC NOTES	F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * 40.0000' / 1" =	CHECKED -	REVISED -			317/630	1129,20IN	FULTON	89	4
Default	PLOT DATE * 5/3/2016	DATE -	REVISED -	SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
						CONTRACT NO. 68B45				

Name of Utility Company _____

Ameren Illinois (Electric)

Route Section FAP 317A / 622 (US 24 & IL 100)
 (129, 20)N
 County Fulton
 Contract No. 68B45
 Catalog No. 034922-00D

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
US 24/IL 100 (Main St.)	RT 24'	97+87	Power Pole	New Curb & Gutter	Relocate
US 24/IL 100 (Main St.)	RT 22'	98+90	Power Pole	New Curb & Gutter	Relocate
US 24/IL 100 (Main St.)	RT 27'	101+53	Power Pole	New Sidewalk	Relocate
US 24/IL 100 (Main St.)	RT 35'	102+35	Power Pole	New Curb & Gutter	Relocate
US 24/IL 97	LT 22'	1+60	Power Pole	New Radius	Relocate
W. Ave "E"	LT 26'	8+70	Power Pole	New Curb & Gutter	Relocate

Name of Utility Company _____

Comcast

Route Section FAP 317A / 622 (US 24 & IL 100)
 (129, 20)N
 County Fulton
 Contract No. 68B45
 Catalog No. 034922-00D

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
US 24/IL 100 (Main St.)	RT 24'	97+87	Power Pole	New Curb & Gutter	Relocate
US 24/IL 100 (Main St.)	RT 22'	98+90	Power Pole	New Curb & Gutter	Relocate
US 24/IL 100 (Main St.)	RT 27'	101+53	Power Pole	New Sidewalk	Relocate
US 24/IL 100 (Main St.)	RT 35'	102+35	Power Pole	New Curb & Gutter	Relocate
US 24/IL 97	LT 22'	1+60	Power Pole	New Radius	Relocate
W. Ave "E"	LT 26'	8+70	Power Pole	New Curb & Gutter	Relocate

Name of Utility Company _____

Ameren Illinois (Gas)

Route Section FAP 317A / 622 (US 24 & IL 100)
 (129, 20)N
 County Fulton
 Contract No. 68B45
 Catalog No. 034922-00D

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
US 24/IL 100 (Main St.)	RT 17'	97+18	Buried gas line	Storm Sewer	Relocate
W. Ave "E"	RT 26'	1+91 to 3+40	Buried gas line	Storm Sewer	Relocation

Name of Utility Company _____

AT & T

Route Section FAP 317A / 622 (US 24 & IL 100)
 (129, 20)N
 County Fulton
 Contract No. 68B45
 Catalog No. 034922-00D

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
W. Ave "E"	LT 24' & 26'	7+80 to 1+90	Buried Cable	New Storm Sewer	Relocate
W. Ave "E"	LT 24' & 26'	1+90 to 3+25	Buried Cable	New Storm Sewer	Caution
W. Ave "E"	LT 44'	1+35	Pedestal	New Radius	Relocate
W. Ave "E"	LT 55'	9+65	Pedestal	New Radius	Relocate
US 24/IL 100 (Main St.)	RT 23' to 45'	98+65 to 98+83	Pedestal / Buried cable	New Radius & Curb	Relocate
US 24/IL 100 (Main St.)	LT 25'	97+40	Telephone Pole	New Radius & Curb	Relocate
US 24/IL 100 (Main St.)	LT 25'	98+80	Telephone Pole	New Radius & Curb	Relocate
US 24/IL 100 (Main St.)	LT 25'	99+45	Telephone Pole	New Radius & Curb	Relocate
US 24/IL 100 (Main St.)	LT 25'	100+60	Telephone Pole	New Radius & Curb	Relocate
US 24/IL 100 (Main St.)	LT 25'	101+65	Telephone Pole	New Radius & Curb	Relocate

Name of Utility Company _____

City of Lewistown (Water)

Route Section FAP 317A / 622 (US 24 & IL 100)
 (129, 20)N
 County Fulton
 Contract No. 68B45
 Catalog No. 034922-00D

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
US 24/IL 100 (Main St.)	RT 30'	97+25	Fire Hydrant	New Radius	Relocate
US 24/IL 100 (Main St.)	RT 18'	97+18	Waterline	Storm Sewer	Relocate
W. Ave "E"	RT 14'	9+28	Waterline	Storm Sewer	Relocate
W. Ave "E"	RT 35'	9+63	Fire Hydrant	New Radius	Relocate

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0021	0021	0021
				FULTON	FULTON	FULTON	FULTON
				80% FED 20% STATE	80% STATE 20% CITY	80% FED 15% STATE 5% CITY	100% CITY LIGHTING
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	7	7			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	102.4	102.4			
20200100	EARTH EXCAVATION	CU YD	4025.8	4025.8			
20800150	TRENCH BACKFILL	CU YD	109.2	109.2			
21101615	TOPSOIL FURNISH & PLACE, 4"	SO YD	1839	1839			
25000210	SEEDING, CLASS 2A	ACRE	0.3	0.3			
25200110	SODDING, SALT TOLERANT	SO YD	553.1	553.1			
25200200	SUPPLEMENTAL WATERING	UNIT	2.8	2.8			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	84	84			
28000400	PERIMETER EROSION BARRIER	FOOT	135	135			
28000500	INLET AND PIPE PROTECTION	EACH	18	18			
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SO YD	6080	6080			
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	75	75			
42000400	PORTLAND CEMENT CONCRETE PAVEMENT 9"	SO YD	5375.1	5375.1			

FILE NAME :
0458845-shr-plan.dgn

USER NAME : aubreyg
PLOT SCALE : 48,0000 / in.
PLOT DATE : 5/2/2016

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DATE -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317/	129.20IN	FULTON	89	6
630	RTE. US 24/IL 100	CONTRACT NO. 68845		

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0021	0021	0021
				FULTON	FULTON	FULTON	FULTON
				80% FED 20% STATE	80% STATE 20% CITY	80% FED 15% STATE 5% CITY	100% CITY LIGHTING
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	62	62			
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	181	181			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	7917		7917		
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	497	497			
42400800	DETECTABLE WARNINGS	SQ FT	216	216			
44000100	PAVEMENT REMOVAL	SQ YD	4678	4678			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1063.1	1063.1			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2096	2096			
44000600	SIDEWALK REMOVAL	SQ FT	5971		5971		
44200186	PAVEMENT PATCHING, TYPE IV, 15 INCH	SQ YD	35	35			
50300225	CONCRETE STRUCTURES	CU YD	180.3	180.3			
50800105	REINFORCEMENT BARS	POUND	330	330			
50901760	PIPE HANDRAIL	FOOT	82	82			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	547	547			

FILE NAME :
D458845-shr-plan.dgn

USER NAME : subryga
PLOT SCALE : 40,0000 ' / in.
PLOT DATE : 5/3/2016

DESIGNED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317/	129.20IN	FULTON	89	7
630	RTE. US 24/IL 100	CONTRACT NO. 68845		
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0021	0021	0021
				FULTON	FULTON	FULTON	FULTON
				80% FED 20% STATE	80% STATE 20% CITY	80% FED 15% STATE 5% CITY	100% CITY LIGHTING
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3			
60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	1	1			
60255500	MANHOLES TO BE ADJUSTED	EACH	8	8			
60500060	REMOVING INLETS	EACH	6	6			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 12	FOOT	117	117			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 24	FOOT	1710	1710			
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	27	27			
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2	2			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	120	120			
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	16	16			
67100100	MOBILIZATION	L SUM	1	1			
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	1			

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0021	0021	0021
				FULTON	FULTON	FULTON	FULTON
				80% FED 20% STATE	80% STATE 20% CITY	80% FED 15% STATE 5% CITY	100% CITY LIGHTING
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	210	210			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12			
70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	2744	2744			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	288	288			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2231	2231			
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	187	187			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2823	2823			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1125	1125			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	97	97			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	181	181			
* 70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	183.6	183.6			
* 70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	5998	5998			

* SPECIALTY ITEM

FILE NAME :
D468845-shr-plan.dgn

USER NAME : aubraya

DESIGNED -

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PLOT SCALE = 48.0000' / in.

DRAWN -

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PLOT DATE = 5/5/2016

CHECKED -

REVISED -

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317/	1129.201N	FULTON	89	9
630	RTE. US 24/IL 100	FULTON	89	9
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 68B45

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0021	0021	0021
				FULTON	FULTON	FULTON	FULTON
				80% FED 20% STATE	80% STATE 20% CITY	80% FED 15% STATE 5% CITY	100% CITY LIGHTING
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	126	126			
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2096	2096			
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	166	166			
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	16	16			
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	322	322			
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2561	2561			
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1125	1125			
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	20	20			
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	181	181			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	50	50			
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	34	34			
* 80500200	SERVICE INSTALLATION, TYPE B	EACH	1		1		
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	88		88		
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	219		219		

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0021	0021	0021
				FULTON	FULTON	FULTON	FULTON
				80% FED 20% STATE	80% STATE 20% CITY	80% FED 15% STATE 5% CITY	100% CITY LIGHTING
* 81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	125			125	
* 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3			3	
* 81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1			1	
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	924			36	888
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2021			2021	
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	627			627	
* 87301515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	499			499	
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	435			435	
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1			1	
* 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1			1	
* 87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	3			3	
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3			3	
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52			52	
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4			4	

* SPECIALTY ITEM

FILE NAME :
0468845-shr-plan.dgn

USER NAME : aubreyga	DESIGNED -	REVISED -
PLOT SCALE : 48.0000 1/4 in.	DRAWN -	REVISED -
PLOT DATE : 5/5/2016	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317/	(129,20)N	FULTON	89	11
630	RTE. US 24/IL 100			
CONTRACT NO. 68845				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0021	0021	0021
				FULTON	FULTON	FULTON	FULTON
				80% FED 20% STATE	80% STATE 20% CITY	80% FED 15% STATE 5% CITY	100% CITY LIGHTING
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4			4	
* 88102740	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	4			4	
* 88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	8			8	
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	8			8	
* 88500530	INDUCTION LOOP DETECTOR AMPLIFIER (SPECIAL)	EACH	4			4	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1627			1627	
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	8			8	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1	
* 89502380	REMOVE EXISTING HANDHOLE	EACH	4			4	
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6			6	
K0026830	SHRUB REMOVAL	EACH	12	12			
* X0326812	CAT 5 ETHERNET CABLE	FOOT	166.5			166.5	
* X0326905	CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED	EACH	1			1	
* X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	4				4

* SPECIALTY ITEM

FILE NAME = D:\68845-ht-plandgn	USER NAME = eubryug	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 48,0000' / in.	DRAWN -	REVISED -			317/	1129.20N	FULTON	89	12	
	PLOT DATE = 5/5/2016	CHECKED -	REVISED -			630	RTE. US 24/JL 100				CONTRACT NO. 68845
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0021	0021	0021
				FULTON	FULTON	FULTON	FULTON
				80% FED 20% STATE	80% STATE 20% CITY	80% FED 15% STATE 5% CITY	100% CITY LIGHTING
X4400110	TEMPORARY PAVEMENT REMOVAL	SO YD	228	228			
X5510100	STORM SEWER REMOVAL	FOOT	228	228			
X6020080	INLETS, TYPE G-1, DOUBLE	EACH	2	2			
X6020082	INLETS, TYPE G-1	EACH	6	6			
X6021834	INLET-MANHOLE, TYPE G-1, 4' DIAMETER, DOUBLE	EACH	1	1			
X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	1	1			
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	42	42			
X6063000	CONCRETE GUTTER, TYPE B (SPECIAL)	FOOT	182.5	182.5			
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1			
X7240207	REMOVE EXISTING SIGN COMPLETE	EACH	2	2			
* X7830068	GROOVING FOR RECESSED PAVEMNT MARKING, LETTERS, NUMBERS AND SYMBOLS	SO FT	322	322			
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	2823	2823			
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1125	1125			
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	97	97			

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0021	0021	0021
				FULTON	FULTON	FULTON	FULTON
				80% FED 20% STATE	80% STATE 20% CITY	80% FED 15% STATE 5% CITY	100% CITY LIGHTING
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	181	181			
* X8250210	PHOTOCELL RELAY	EACH	1			1	
* X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1			1	
* X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1			1	
Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1			
Z0007602	BUILDING REMOVAL NO. 2	L SUM	1	1			
Z0007603	BUILDING REMOVAL NO. 3	L SUM	1	1			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0020800	EROSION CONTROL CURB	FOOT	276	276			
Z0020805	EROSION CONTROL CURB REMOVAL	FOOT	276	276			
* Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1			1	
* Z0049801	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILD. NO. 1	L SUM	1	1			
* Z0049802	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILD. NO. 2	L SUM	1	1			
* Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILD. NO. 1	L SUM	1	1			

* SPECIALTY ITEM

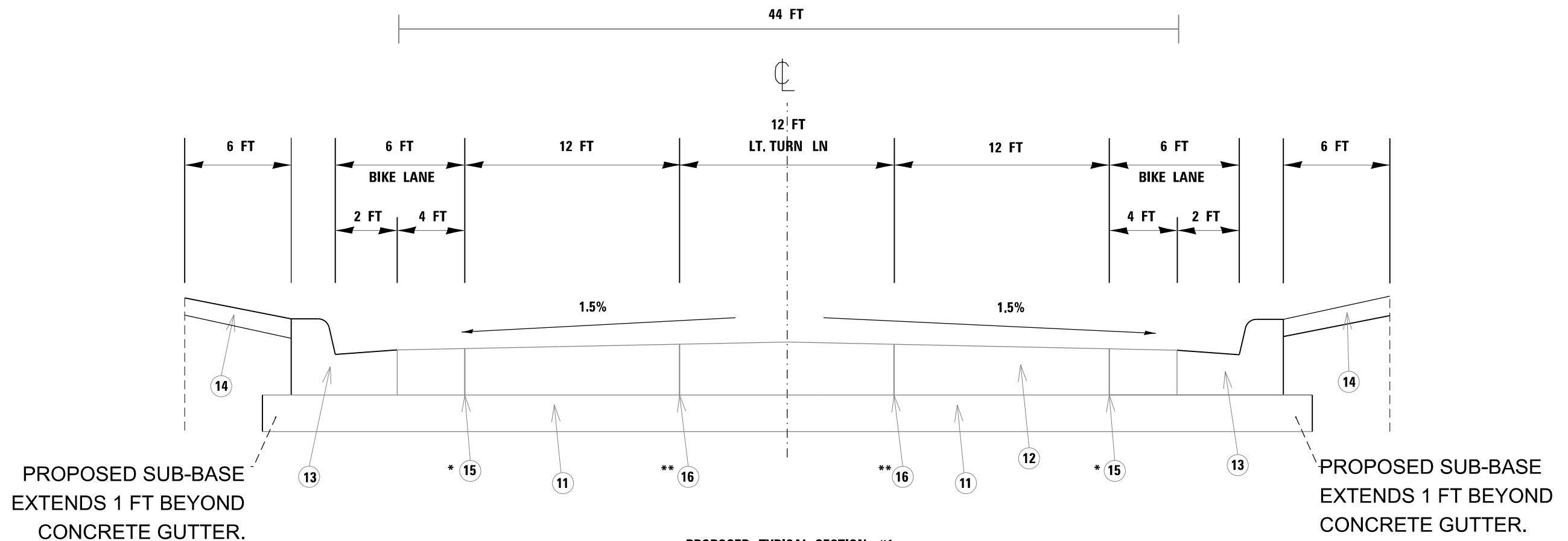
FILE NAME =
0468845-sht-plan.dgn

USER NAME = aubrugg	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 / in.	DRAWN -	REVISED -
PLOT DATE = 5/5/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317/	129.201N	FULTON	89	14
630	RTE. US 24/IL 100	CONTRACT NO. 68B45		
[ILLINOIS] FED. AID PROJECT				

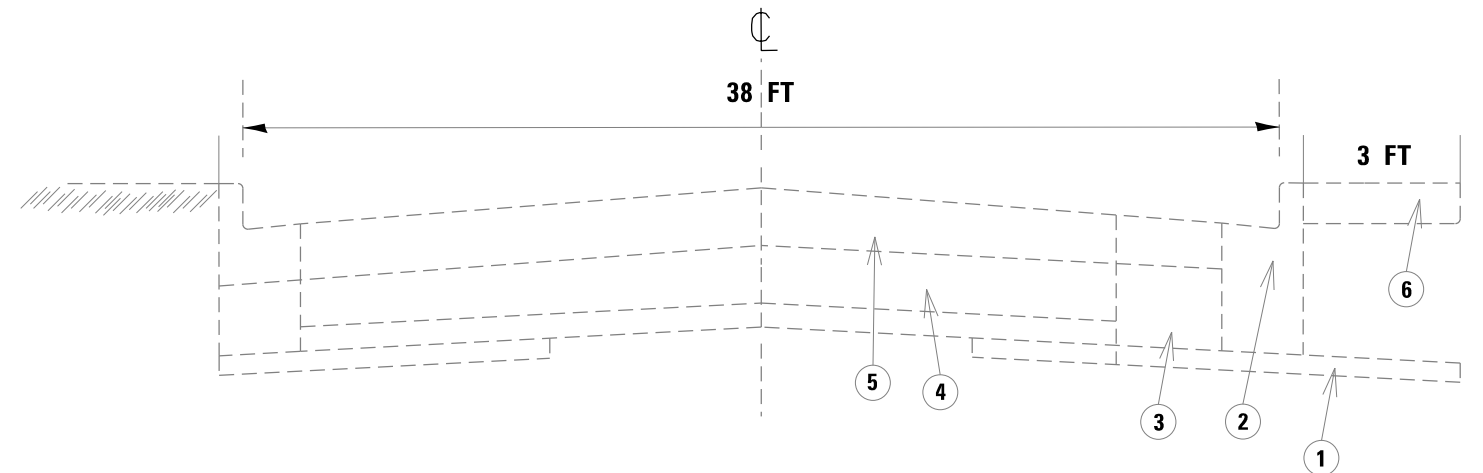


PROPOSED TYPICAL SECTION #1
MAIN ST. (IL 100 /US 24)
SOUTH LEG OF INTERSECTION
STA. 100+00 TO 97+10

- * AT BIKE LANE (18' FROM CL)
- ** AT TURN LANE (6' FROM CL)
- *** OFFSETED 6" INWARD FROM TURN LANE (5.5' FROM CL)

1. Existing 4" Sub-Base Granular Material, type B
2. Existing CC&G, type B-6.12
3. Existing PCC Base Course, 8"
4. Existing Granular Sub-Base Course
5. Existing PCC or HMA Overlay
6. Existing Bituminous Concrete Surface Course 8" Overlay Course
7. Existing 2" Bituminous Concrete Surface Course (Class I) Mix, " D "
8. Existing 4" PCC Sidewalk

11. Proposed 12" Subbase Granular Material, Type A
12. Proposed PCC Base Course 9.0"
13. Proposed B-6.24 CCC&G
14. Proposed 4" PCC Sidewalk
15. Saw Cut
16. Construction Joint



EXISTING TYPICAL SECTION #2
MAIN ST. (IL 100 /US 24)
SOUTH LEG OF INTERSECTION
STA. 97+10 TO 100+00

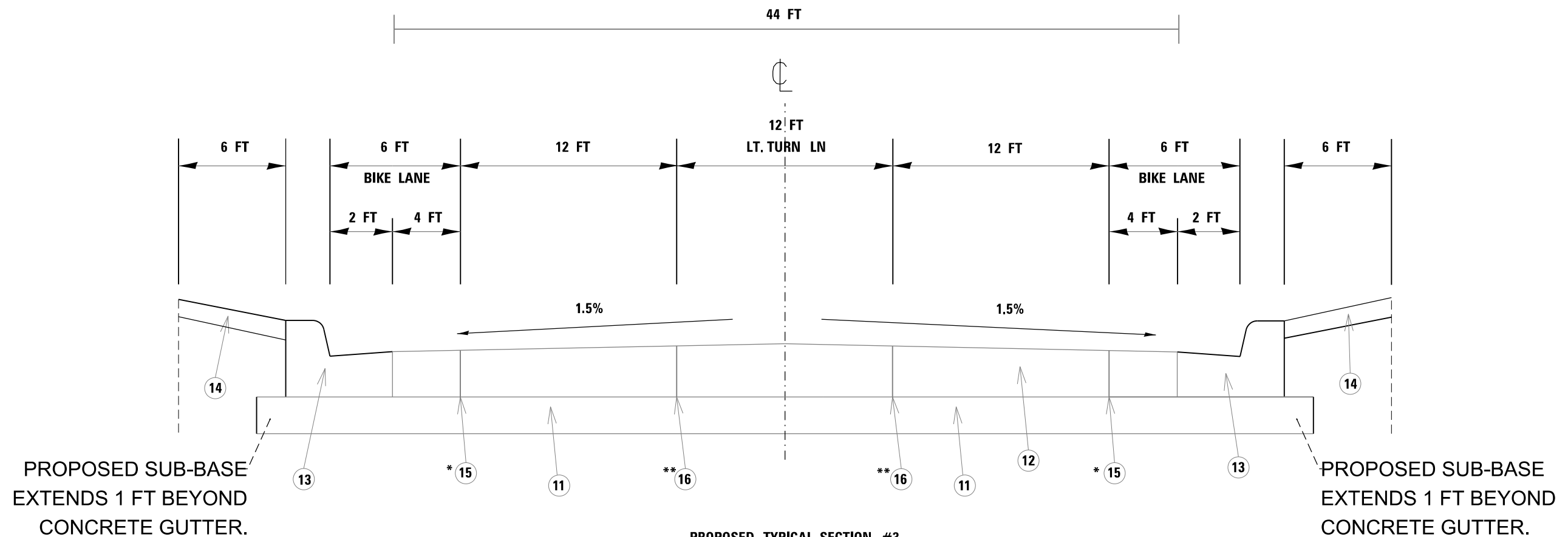
NOT TO SCALE

FILE NAME = D468B45-sh1-plan.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317/630	(129,20N)	FULTON	89	16
RTE. US 24/IL 100		CONTRACT NO. 68B45		
ILLINOIS FED. AID PROJECT				

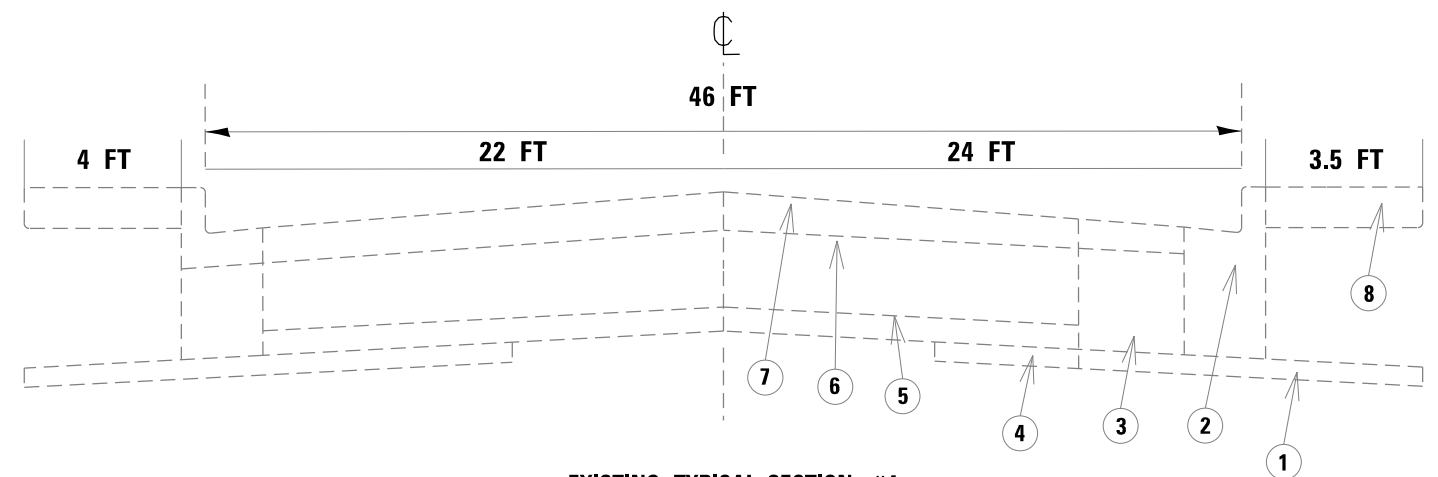


PROPOSED TYPICAL SECTION #3
 MAIN ST. (IL 100 /IL 97)
 NORTH LEG OF INTERSECTION
 STA. 100+00 TO 102+39

- * AT BIKE LANE (18' FROM CL)
- ** AT TURN LANE (6' FROM CL)
- *** OFFSETED 6" INWARD FROM TURN LANE (5.5' FROM CL)

- 1. Existing 4" Sub-Base Granular Material, type B
- 2. Existing CC&G, type B-6.12
- 3. Existing PCC Base Course, 8"
- 4. Existing Granular Sub-Base Course
- 5. Existing PCC or HMA Overlay
- 6. Existing Bituminous Concrete Surface Course 8" Overlay Course
- 7. Existing 2" Bituminous Concrete Surface Course (Class I) Mix, " D "
- 8. Existing 4" PCC Sidewalk

- 11. Proposed 12" Subbase Granular Material, Type A
- 12. Proposed PCC Base Course 9.0"
- 13. Proposed B-6.24 CCC&G
- 14. Proposed 4" PCC Sidewalk
- 15. Saw Cut
- 16. Construction Joint



EXISTING TYPICAL SECTION #4
 MAIN ST. (IL 100 /IL 97)
 NORTH LEG OF INTERSECTION
 STA. 100+00 TO 102+39

NOT TO SCALE

FILE NAME = D468B45-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION				F.A.P. 317/ 630	SECTION (129,20)IN	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 17
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 68B45	
	PLOT DATE = 5/3/2016	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

LANDSCAPING TABLE				
LOCATION	TOPSOIL FURNISH & PLACE 4"	SEEDING CLASS 2A	SODDING SALT TOLERANT	SUPPL WATER
	SQ YD	ACRE	SQ YD	UNIT
97+14 LT TO 97+62 LT	63.3		62.7	0.3
97+67 LT TO 98+23 LT	36.8		36.4	0.2
98+58 LT TO 99+72 LT	165.9		164.3	0.8
97+14 RT TO 97+50 RT	30.0		29.7	0.1
97+54 RT TO 97+69 RT	10.6		10.5	0.1
97+81 RT TO 97+90 RT	6.7		6.6	0
97+96 RT TO 98+36 RT	27.9		27.6	0.1
98+39 RT TO 98+54 RT	11.1		11.0	0.1
98+57 RT TO 98+92 RT	25.6		25.3	0.1
100+50 LT TO 102+25 LT	51.4		50.9	0.3
101+05 RT TO 101+30 RT	17.0		16.8	0.1
101+33 RT TO 101+71 RT	23.3		23.1	0.1
101+74 RT TO 102+33 RT	38.2		37.8	0.2
7+64 LT TO 9+56 LT	178.2	0.04		
BUILDING ON NE CORNER	410.3	0.08		
BUILDING ON SE CORNER	691.5	0.14		
2+78 RT TO 3+02 RT	13.8		13.7	0.1
3+06 RT TO 3+34 RT	18.1		17.9	0.1
3+09 LT TO 3+35 LT	19.0		18.8	0.1
SUBTOTAL				
TOTAL	1838.7	0.3	553.1	2.8

PERIMETER EROSION BARRIER	
LOCATION	FOOT
7+64 TO 9+45 LT	135
TOTAL	135

INLET & PIPE PROTECTION	
LOCATION	EACH
97+18 32.7' RT	1
97+18 37.0' LT	1
97+18 68.2' LT	1
100+65 34.7' LT	1
102+28 25.0' LT	1
7+70 37.8' LT	1
9+28 19.9' RT	1
9+28 28.0' LT	1
9+35 29.9' LT	1
9+56 21.5' LT	1
1+84 30.9' RT	1
1+91 29.5' RT	1
1+81 22.0' LT	1
1+88 22.0' LT	1
3+32 23.6' RT	1
3+33 27.4' RT	1
3+29 31.5' LT	1
3+33 24.7' LT	1
TOTAL	18

TEMP EROSION CONTROL SEEDING	
LOCATION	POUND
INTERSECTION	84
2 APPLICATIONS	
TOTAL	84

TREE REMOVAL (6 TO 15 UNITS DIAM)	
LOCATION	UNIT
97+82 33' RT	18
98+03 37' LT	16
98+03 37' LT	7
98+05 33' RT	22
2+94 33' RT	25
3+26 35' RT	21.4
TOTAL	109.4

PAVEMENT REMOVAL	
LOCATION	SQ YD
INTERSECTION	4678
TOTAL	4678

DRIVEWAY PAVEMENT REMOVAL	
LOCATION	SQ YD
98+41 LT	103.6
100+88 RT	101.3
101+00 RT	28.0
PARKING LOT - SW CORNER	58.4
PARKING LOT - SE CORNER	376.2
2+33 RT (ALLEY)	30.8
2+75 RT	99.6
2+81 LT	265.2
TOTAL	1063.1

COMB CURB & GUTTER REMOVAL	
LOCATION	FOOT
NORTHWEST QUADRANT	451
SOUTHWEST QUADRANT	470
NORTHEAST QUADRANT	484
SOUTHEAST QUADRANT	498
7+72 TO 8+00 RT	28
8+35 TO 9+51 RT	165
TOTAL	2096

SIDEWALK REMOVAL	
LOCATION	SQ FT
NORTHWEST QUADRANT	
7+57 (AVE E) TO 102+33 (IL 97)	2276
SOUTHWEST QUADRANT	
97+12 TO 98+23 LT	420
98+58 LT (US 24) TO 7+60 RT (AVE E)	1409
NORTHEAST QUADRANT	
100+49 TO 100+79 RT	145
101+07 TO 102+36 RT	579
SOUTHEAST QUADRANT	
97+52 RT	50
97+93 RT	103
98+08 TO 98+76 RT	498
98+37 RT	37
98+56 RT	32
99+19 RT	103
2+78 TO 3+37 RT	282
3+04 RT	37
TOTAL	5971

DRIVEWAY TABLE			
LOCATION	PCC DRIVEWAY PAVT 6 INCH	PCC DRIVEWAY PAVT 7 INCH	INCIDENTAL HMA SURF 8 INCH
	SQ YD	SQ YD	TON
97+65 RT	24		
98+40 LT		90.6	
101+00 RT	37.9		
2+33 RT		15.9	6.6
2+66 RT		34.4	23.7
2+81.40 LT		40	44.3
TOTAL	61.9	180.9	74.6

FILE NAME = D468B45-shr-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. 317/630	SECTION (129,20N) RTE. US 24/IL 100	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 20
ILLINOIS FED. AID PROJECT CONTRACT NO. 68B45				

BUILDING REMOVAL NO. 1	
LOCATION	EACH
COMMERCIAL BUILDING 98+96 TO 99+42 RT	1
TOTAL	1

BUILDING REMOVAL NO. 2	
LOCATION	EACH
SINGLE FAMILY HOUSE 100+42 TO 100+78 RT	1
TOTAL	1

BUILDING REMOVAL NO. 3	
LOCATION	EACH
BRICK STRUCTURE 8+00 TO 8+35	1
TOTAL	1

REMOVING INLETS	
LOCATION	EACH
97+18 35.4' LT	1
102+28 25.0' LT	1
7+61 20.2' LT	1
9+56 21.5' LT	1
3+32 23.6' RT	1
3+33 24.7' LT	1
TOTAL	6

REMOVING EXISTING SIGN COMPLETE	
LOCATION	EACH
LARGE PYLON SIGN POLE 99+42 43.1' LT	1
8 FOOT SIGN POLE 3+31 28.3' LT	1

SHRUB REMOVAL	
LOCATION	EACH
101+06 RT TO 101+54 RT	12
TOTAL	12

STORM SEWER REMOVAL	
LOCATION	FOOT
97+18 35' LT TO 97+18 68' LT	33
7+61 TO 9+56 22' LT	195
TOTAL	228

DETECTABLE WARNINGS	
LOCATION	SQ FT
NW QUADRANT	33
SW QUADRANT	33
NE QUADRANT	33
SE QUADRANT	33
@ AVE F WEST SIDE	12
@ AVE F EAST SIDE	12
@ AVE D WEST SIDE	12
@ AVE D EAST SIDE	12
@ ADAMS ST SOUTH SIDE	12
@ MAPLE ST NORTH SIDE	12
@ MAPLE ST SOUTH SIDE	12
TOTAL	216

PCC SIDEWALK		
LOCATION	4"	6"
	SQ FT	SQ FT
NW QUADRANT		
7+57 (AVE E) TO 102+33 (IL 97)	2366	
SW QUADRANT		
97+27 TO 98+10	467	
98+70 (US 24) TO 9+19 (AVE E)	788	
9+19 TO 8+36		497
8+36 TO 7+59	449	
NE QUADRANT		
101+19 TO 102+19	772	
100+82 (IL 97) TO 2+51 (US 24)	894	
3+12 TO 3+25	50	
SE QUADRANT		
97+24 TO 97+57	163	
97+52.10	21	
97+93 (US 24) TO 2+16 (US 24)	1415	
97+93.30	44	
98+37.20	19	
98+55.80	32	
2+90 TO 3+43	437	
TOTAL	7917	497

STA. TO STA.	LENGTH	WIDTH	AREA	PCC PAV'T 9"	SUB BASE GRAN MATL, TYPE A 12"
	FT	FT	SQ YD	SQ YD	SQ YD
IL 97 / IL 100 (NORTH)					
100+00 TO 102+39	239	44	1,305	1,305	1,477
US 24 / IL 100 (SOUTH)					
97+10 TO 100+00	290	44	1,555	1,555	1,758
US 24 & IL 97 (E. AVE. E)					
1+00 TO 3+46	246	44	1,339	1,339	1,516
(W. AVE. E)					
7+54 TO 10+00	246	38	1,175	1,175	1,329
GRAND TOTAL			5,375	5,375	6,080

TEMPORARY PAVT	
LOCATION	SQ YD
NE CORNER	129
97+25 TO 99+46 18' TO 22' LT	99
TOTAL	228

TEMPORARY PAVT REMOVAL	
LOCATION	SQ YD
NE CORNER	129
97+25 TO 99+46 18' TO 22' LT	99
TOTAL	228

PAVEMENT PATCHING TY IV 15"	
LOCATION	SQ YD
97+18	35
TOTAL	35

EROSION CONTROL CURB	
LOCATION	FEET
NE CORNER	55
97+25 TO 99+46 22' LT	221
TOTAL	276

EROSION CONTROL CURB REMOVAL	
LOCATION	FEET
NE CORNER	55
97+25 TO 99+46 18' TO 22' LT	221
TOTAL	276

MOBILIZATION	
LOCATION	L SUM
JOB SITE	1
TOTAL	1

ENGINEER'S FIELD OFFICE TY A	
LOCATION	CAL MO
JOB SITE	16
TOTAL	16

EARTHWORK				
LOCATION	EARTH EXCAVATION	FOR INFORMATION ONLY		
		EMBANKMENT	ADJUSTED EARTH EX	EXCESS EARTH
		CU YD	CU YD	CU YD
INTERSECTION	4025.8	338.0	3019.4	2681.4
TOTAL	4025.8	338.0	3019.4	2681.4

ASSUMED SHRINKAGE FACTOR 25% FOR EARTH EXCAVATION

STORM SEWER INLETS											
LOCATION	INLETS TY G-1	INLETS TY G-1 DOUBLE	INL - MH TY G-1 4' DIAM DOUBLE	INLETS TY A SPL F & G	INLETS TY A TY 10 F & G	MH TY A 4' DIAM TY 1 F & G CLOSED	CAST ELEV	FL ELEV NORTH	FL ELEV SOUTH	FL ELEV EAST	FL ELEV WEST
	EACH	EACH	EACH	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT
97+18 32.7' RT	1						587.12	-----	-----	-----	584.53
97+18 37.0' LT	1						586.86	-----	-----	584.08	584.18
97+18 68.2' LT				1			587.09	-----	-----	583.92	583.92
100+49 49.2' LT					1		590.25	-----	586.98	-----	-----
102+28 25.0' LT	1						591.90	589.57	-----	-----	-----
7+61 20.2' LT							591.08	SEE DRAINAGE SHEETS			
9+28 19.9' RT	1						589.40	586.86	-----	-----	-----
9+28 28.0' LT			1				589.51	-----	586.71	586.71	586.71
9+35 29.9' LT							589.43	586.75	-----	586.75	586.75
9+56 21.5' LT						1	589.47	-----	-----	-----	586.86
1+84 30.9' RT		1					588.42	-----	-----	585.49	-----
1+91 29.5' RT							588.44	-----	-----	585.47	585.47
1+81 22.0' LT		1					588.78	-----	-----	585.42	-----
1+88 22.0' LT							588.71	-----	-----	585.40	585.40
3+32 23.6' RT						1	587.70	585.04	585.04	-----	585.04
3+33 27.4' RT	1						587.46	585.15	-----	-----	-----
3+29 31.5' LT	1						587.56	-----	585.10	-----	-----
3+33 24.7' LT						1	587.60	SEE DRAINAGE SHEETS			
TOTAL	6	2	1	1	1	3					

CONC GUTTER TY B (SPECIAL)	
LOCATION	FOOT
100+48 LT TO 102+25 LT	182.5
TOTAL	182.5

FURN & ERECT ROW MARKERS	
LOCATION	EACH
NW QUADRANT	
7+54.00 24.42' LT	1
7+54.00 36.00' LT	1
7+68.07 36.00' LT	1
7+71.00 30.00' LT	1
8+60.00 30.00' LT	1
8+95.00 33.00' LT	1
9+40.00 50.00' LT	1
100+75.00 35.00' LT	1
102+30.28 35.00' LT	1
SW QUADRANT	
7+70.06 30.00' RT	1
9+18.00 30.00' RT	1
99+32.00 41.00' LT	1
98+92.17 32.12' LT	1
NE QUADRANT	
102+30.42 48.00' RT	1
102+17.00 32.60' RT	1
101+29.00 32.64' RT	1
100+90.00 40.00' RT	1
1+60.00 60.00' LT	1
2+00.00 32.00' LT	1
3+10.00 32.00' LT	1
3+30.91 45.00' LT	1
SE QUADRANT	
98+92.42 33.85' RT	1
99+34.00 51.00' RT	1
2+26.85 37.00' RT	1
2+38.86 33.00' RT	1
3+20.00 33.00' RT	1
3+31.09 45.00' RT	1
TOTAL	27

STORM SEWER PIPES					
LOCATION		STORM SEWER CL A TY 1 12" FOOT	STORM SEWER TY 1 WATER MAIN QUALITY PIPE 12" FOOT	TRENCH BACKFILL	
				CUYD	
97+18 32.7' RT	TO	97+18 37.0' LT	71	10	
97+18 37.0' LT	TO	97+18 68.2' LT	31	9	
100+49 49.2' LT	TO	9+35 29.9' LT	24	4.5	
9+56 21.5' LT	TO	9+35 29.9' LT	23	3.1	
9+28 19.9' RT	TO	9+35 29.9' LT		6	
9+28 28.0' LT	TO	7+61 20.2' LT	167	24	
1+91 29.5' RT	TO	3+32 32.6' RT	143	20	
3+33 27.4' RT	TO	3+32 32.6' RT	5	0.5	
1+88 22.0' LT	TO	3+33 24.7' LT	145	31	
3+29 31.5' LT	TO	3+33 24.7' LT	9	1.1	
TOTAL			547	121	109.2

TRAF CONT & PROT STD BLR-22	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAF CONT & PROT STD 701502	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAF CONT & PROT STD 701801	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAF CONT SURVEILLANCE	
LOCATION	CAL DA
JOBSITE	
TOTAL	

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL MO
JOBSITE	
TOTAL	

PERM SURVEY MARKERS, TY 2	
LOCATION	EACH
PI OF INTERSECTION	1
100+00 = 1+00	
PC OF CURVE	1
2+37.69	
TOTAL	2

MANHOLES TO BE ADJUSTED	
LOCATION	EACH
97+10 16' LT	1
98+83 22' RT	1
98+83 22' LT	2
100+28 24' LT	1
102+44 21' RT	1
102+44 21' LT	1
3+44 23' RT	1
TOTAL	8

CURB WALL			
LOCATION	CONCRETE STRUCTURES	REINFORCEMENT BARS	PIPE HANDRAIL
	CUYD	POUND	FOOT
8+39 TO 9+22 RT	180.3	330	82
TOTAL	180.3	330	82

COMB CONC CURB AND GUTTER			
LOCATION	COMB CONC CURB & GTTR B-6.12	COMB CONC CURB & GTTR B-6.24	COMB CONC CURB & GTTR B (SPL)
	FOOT	FOOT	FOOT
NW QUADRANT			
7+56 LT TO 7+66 LT	16		
7+66 LT TO 9+22 LT		157	
9+42 (AVE E) LT TO 102+22 (IL 97) LT		207	
102+33 LT TO 102+37 LT		23	
SW QUADRANT			
7+56 RT TO 9+22 RT		180	
9+35 (AVE E) RT TO 97+22 (US 24) LT		275	
97+15 LT TO 97+14 LT		8	
NE QUADRANT			
102+38 (IL 97) RT TO 1+74 (US 24) LT		258	
1+95 LT TO 3+24 LT		130	
3+34 LT TO 3+38 LT		27	
SE QUADRANT			
97+11 RT TO 97+15 RT		14	
97+23 (US 24) RT TO 1+77 (US 24) RT		278	
1+97 RT TO 3+28 RT		132	
3+39 RT TO 3+46 RT		21	
PARKING LOT			
7+73 RT TO 8+00			27
8+00 RT TO 8+38 RT	53		
8+38 27.6' RT TO 42.2' RT			15
9+22 31.5' RT TO 9+50 58.6' RT	39		
98+58 LT TO 98+66 LT	9		
TOTAL	117	1710	42

LOCATION	PVT MKG BLACKOUT TAPE 6"	PVT MKG TAPE TY III LTTR & SYM	PVT MKG TAPE TY III 4"	SHORT TERM PVT MKG	SHORT TERM PVT MKG REMOVAL
	FOOT	SQ FT	FOOT	FOOT	SQ FT
STAGE I	2744	61.2	2850		382
STAGE II		61.2	796		176.3
STAGE III			287		136.7
STAGE IV			1454		218.7
STAGE V			270		108
STAGE VI			341		90
RESURFACING		61.2		288	1118.5
TOTAL	2744	183.6	5998	288	2230.2

PAINT PAVEMENT MARKING						
LOCATION	4" LINE	4" LINE	12" LINE/DIAG	12" LINE DIAG	LINE-24" STOP BARS	LETTERS & SYMBOLS
	WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE
	FT	FT	FT	FT	FT	SQ. FT
E. AVE D TO E. AVE C (N) IL 97/IL 100	200	772	82	63	0	0
W. AVE E TO RAIL ROAD (S) US 24/IL 100	0	624		21	16	63
(MAPLE ST TO S. ILL. ST) - E US 24 & IL 97	0	500		0	0	63
SUB-TOTAL	200	1,896	82	84	16	126
GRAND TOTAL	2,096		166		16	126

MODIFIED URETHANE PAVEMENT MARKING SCHEDULE

LOCATION	4" LINE	4" LINE SKIP DASH	4" LINE	12" LINE DIAG	8" LINE	24" LINE- STOP BARS	LETTERS & SYMBOLS
	WHITE	WHITE	YELLOW	YELLOW	WHITE	WHITE	WHITE
	FT	FT	FT	FT	FT	FT	SQ. FT
IL 97 / IL 100 (NORTH) (A) MAIN	214	119	294	0	305	34	31.2
US 24 / IL 100 (SOUTH) (B) MAIN	296	116	580	41	262	72	93
US 24 / IL 97 (E. AVE E) (D)	179	153	436	36	257	38	31.2
(W. AVE E) - C	0	0	436	20	301	37	31.2
SUB-TOTAL	689	388	1,746	97	1,125	181	187
GRAND TOTAL	2,823			97	1,125	181	187

GROOVING FOR RECESSED PAVEMENT MARKING

LOCATION	5"	9"	13"	25"	LETTERS, NUMBERS & SYMBOLS
	FT	FT	FT	FT	SQ. FT
IL 97 / IL 100 (NORTH) (A)	627	305	0	34	32
US 24 / IL 100 (SOUTH) (B)	992	262	41	72	32
US 24 / IL 97 (E. AVE E) (D)	768	257	36	38	32
(W. AVE E) - C	436	301	20	37	32
SUB-TOTAL	2,823	1,125	97	181	137
GRAND TOTAL	2,823	1,125	97	181	137

RAISED REFL PVT MRKR REM

LOCATION	EACH
JOBSITE	34
TOTAL	34

RAISED REFLCTIVE PAVEMENT MARKERS

LOCATION	AMBER 2 WAY	CRYSTAL 1WAY
	EACH	EACH
97+10 TO 100+00	12	5
100+00 TO 102+39	10	6
7+54 TO 10+00	12	5
SUBTOTALS	34	16
GRAND TOTAL	50	

FILE NAME = D468B45-shr-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -
		DATE -	REVISED -

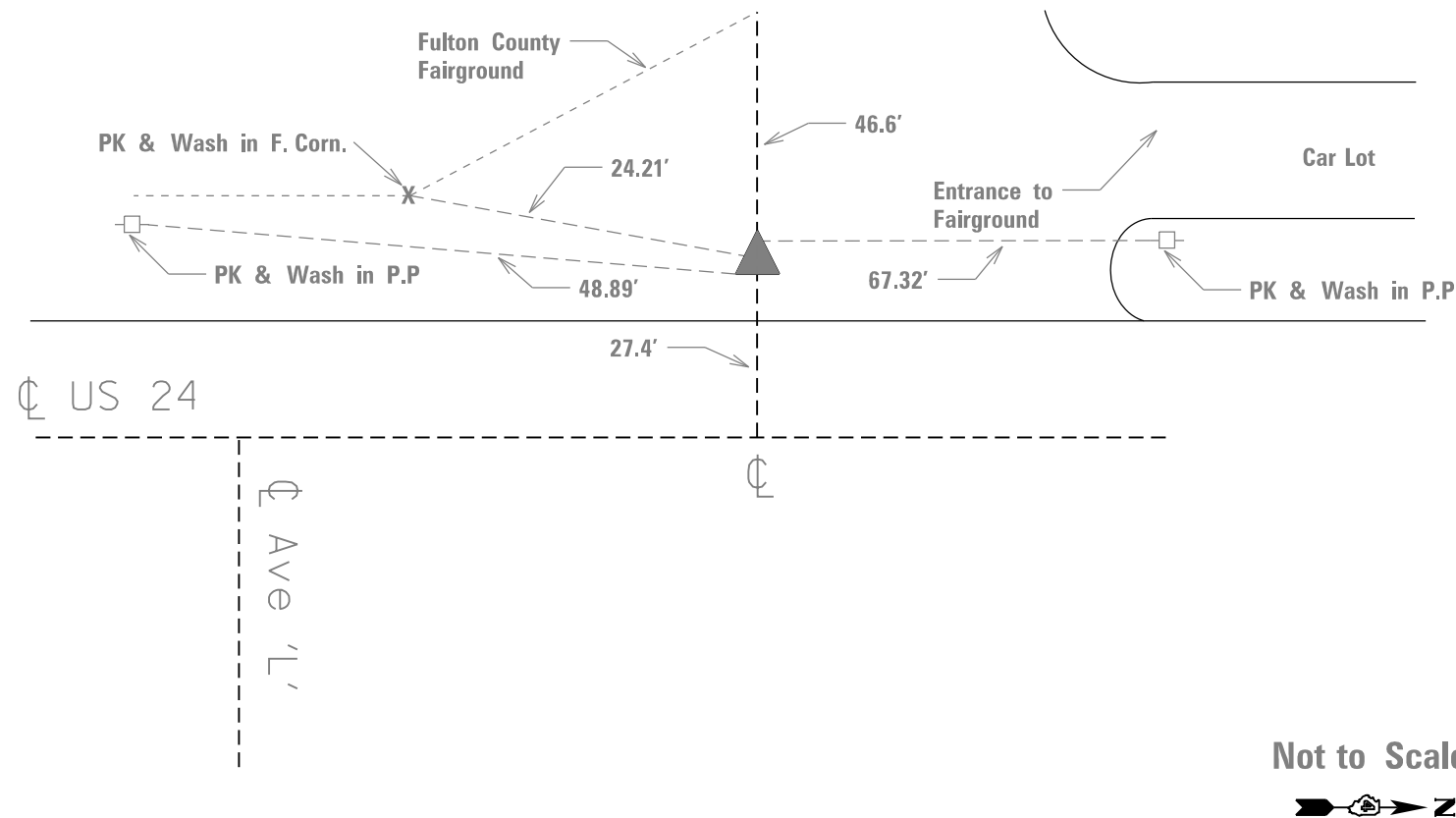
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

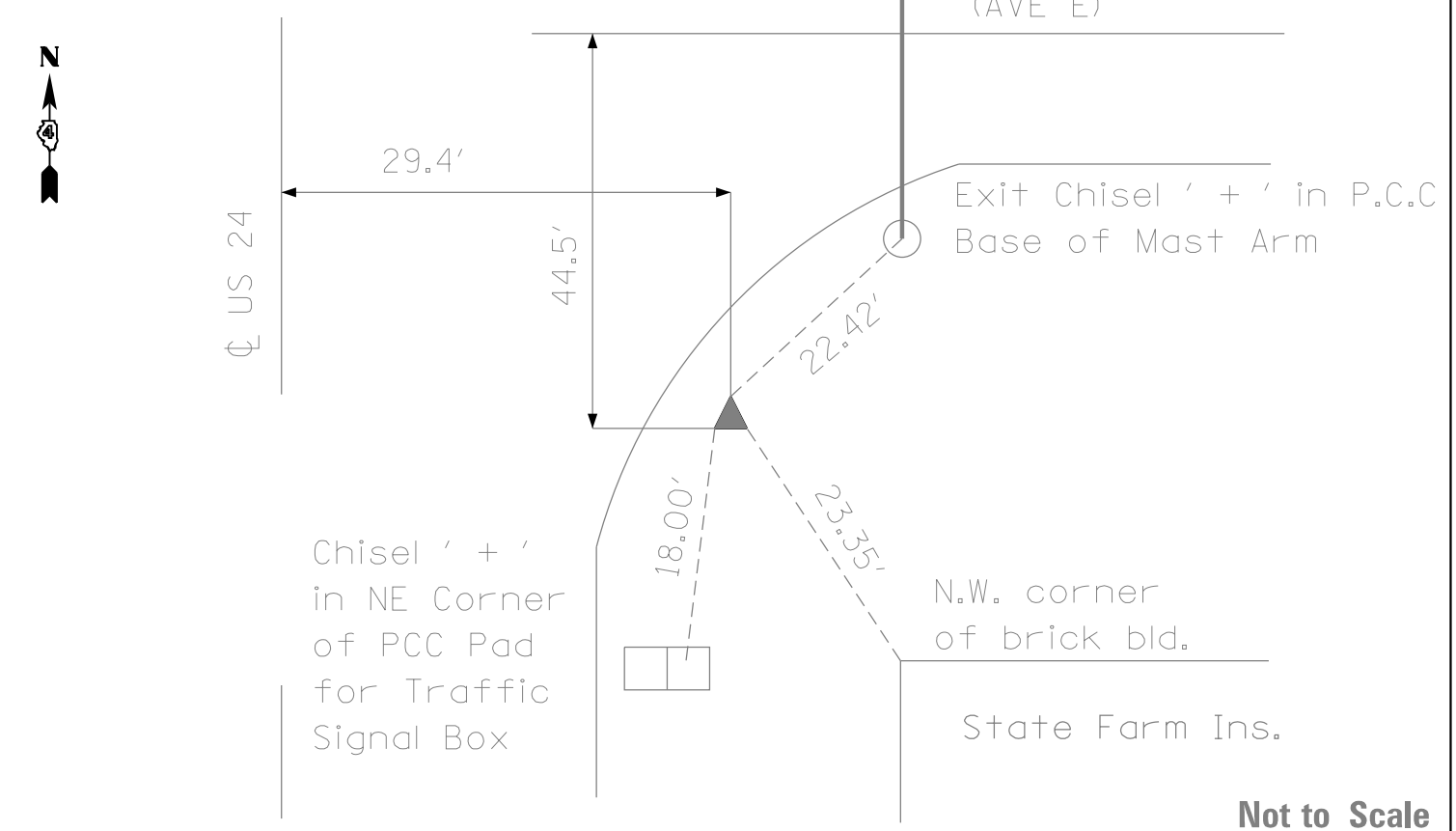
F.A.P 317/ 630	SECTION (129,20)N	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 24
RTE.	US 24/IL 100	CONTRACT NO. 68B45		
ILLINOIS FED. AID PROJECT				

Ties to D44613, Data Spike in Vault W/Lid



Ties to D44614, Data Spike in Vault W/Lid

Station 99+55.5 29.4' RT



TEMPORARY BENCH MARK

Set Chisel " " on Concrete Base of Overhead Mastarm Light at N.W. Quadrant of Intersection Avenue " E " & Main Street.

ELEVATION = 590.030

FILE NAME = D468B45-sht-plan.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/3/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


**RECOVERY TIES &
TEMPORARY BENCHMARKS**

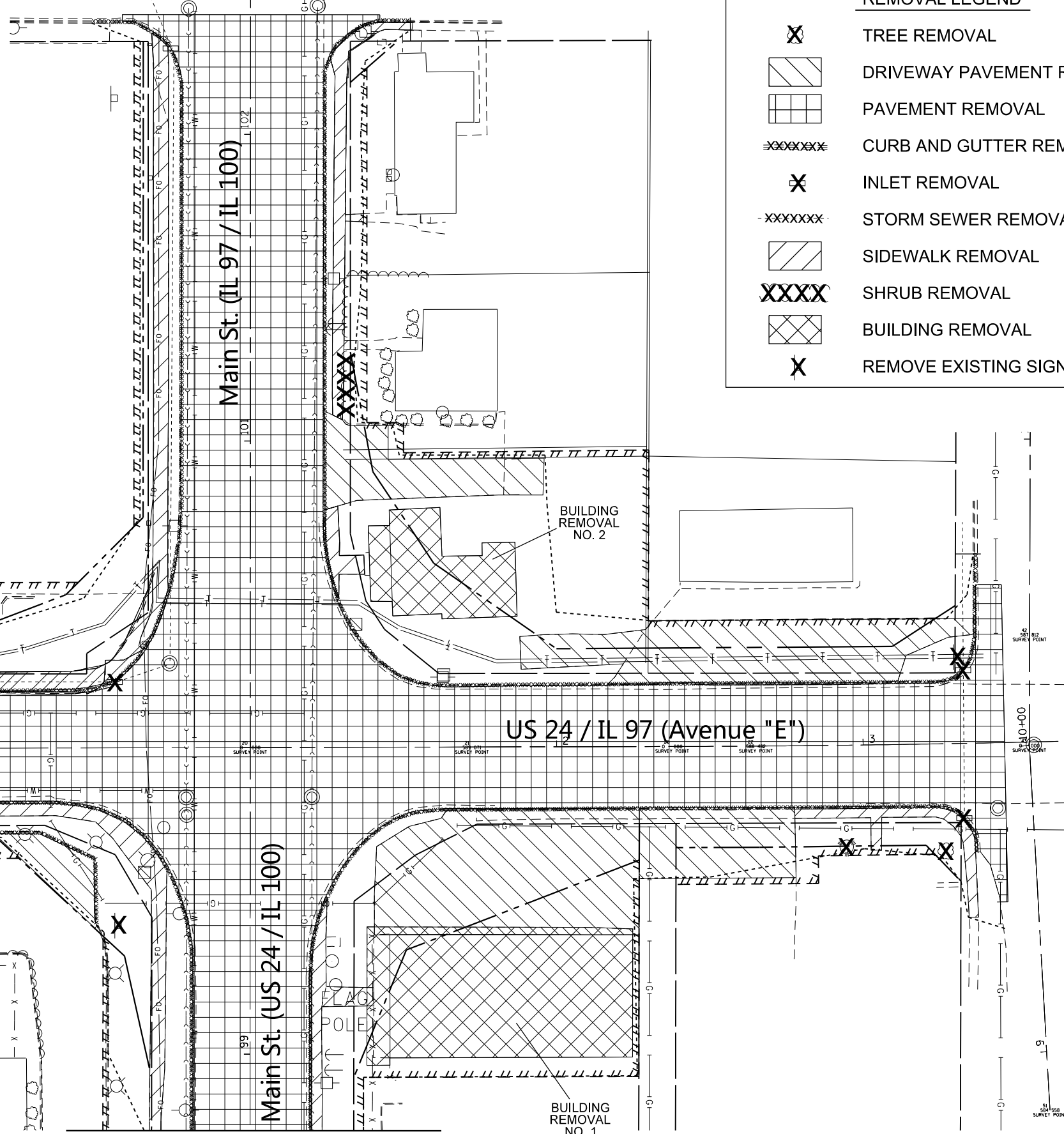
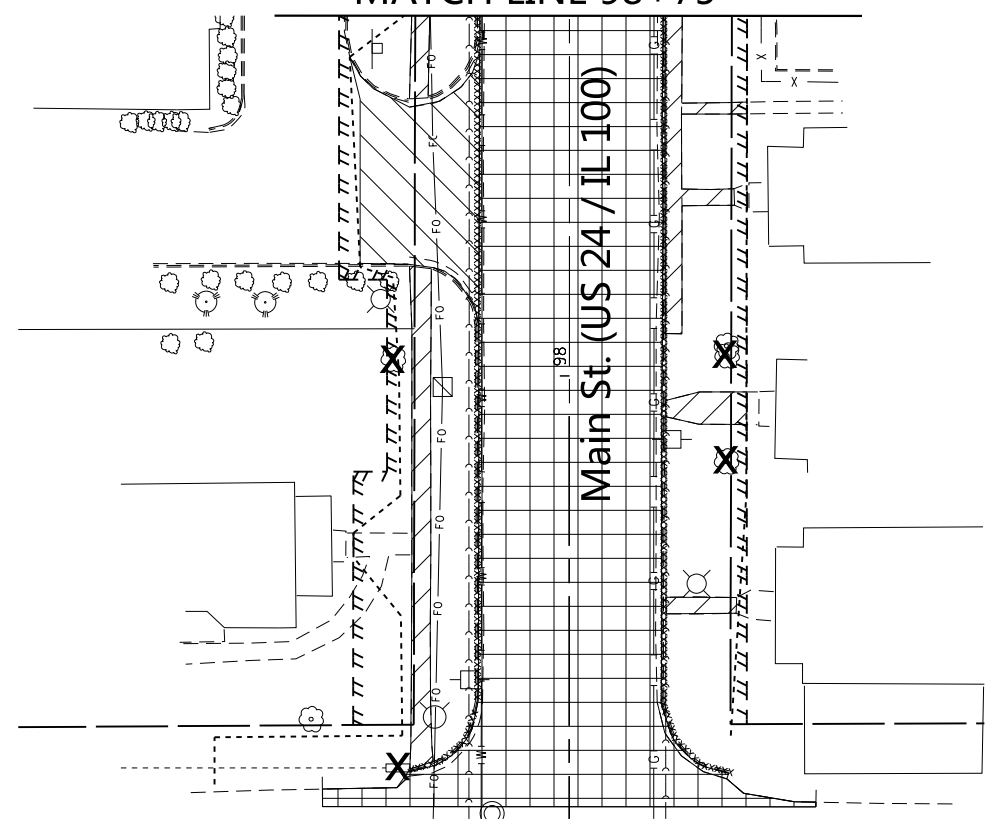
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P 317/ 630	SECTION (129,20)N	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 25
RTE. US 24/IL 100	CONTRACT NO. 68B45			ILLINOIS FED. AID PROJECT

MATCH LINE 98+75

REMOVAL LEGEND

-  TREE REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  PAVEMENT REMOVAL
-  CURB AND GUTTER REMOVAL
-  INLET REMOVAL
-  STORM SEWER REMOVAL
-  SIDEWALK REMOVAL
-  SHRUB REMOVAL
-  BUILDING REMOVAL
-  REMOVE EXISTING SIGN COMPLETE



FILE NAME = D468B45-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

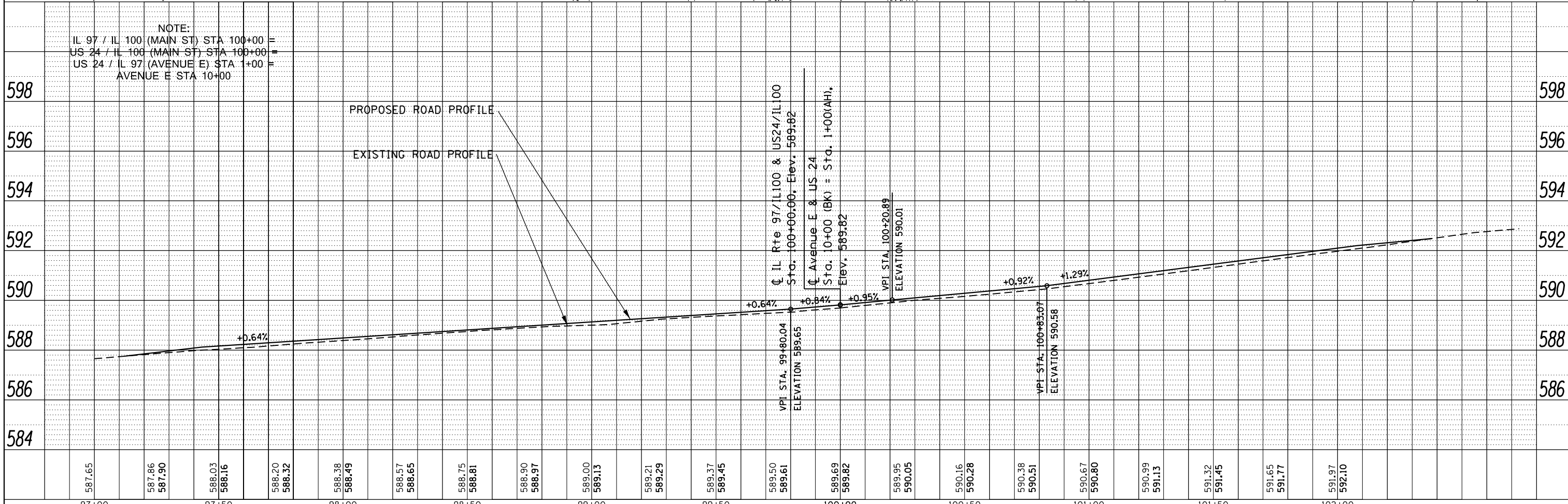
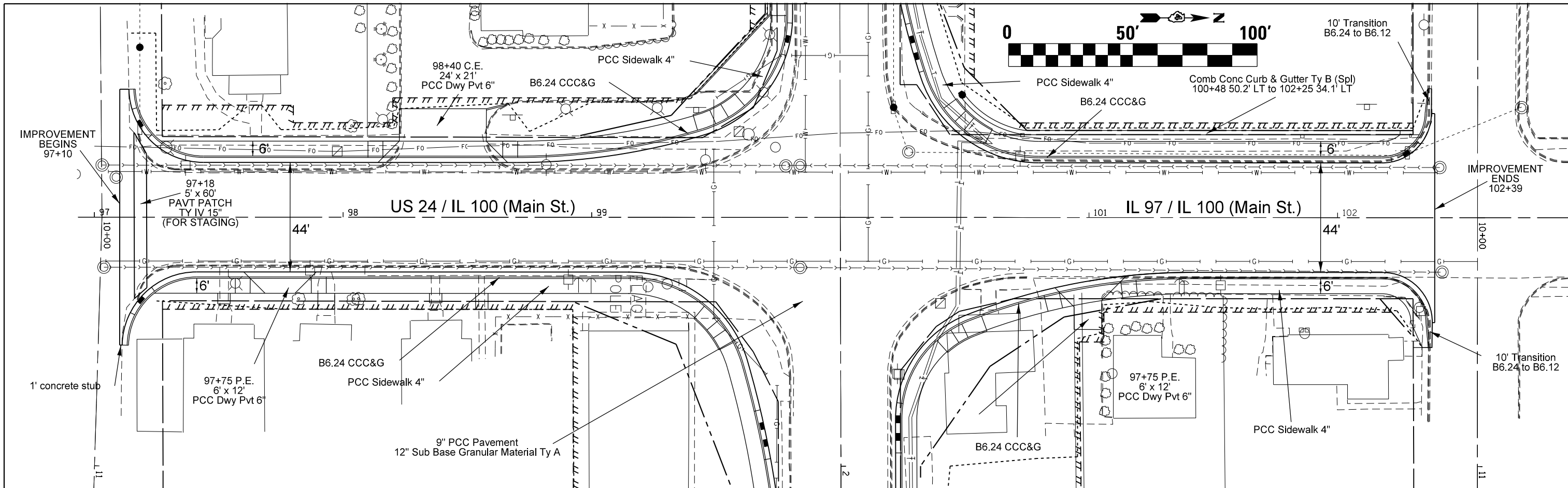
EXISTING AND REMOVAL

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	26
CONTRACT NO. 68B45				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

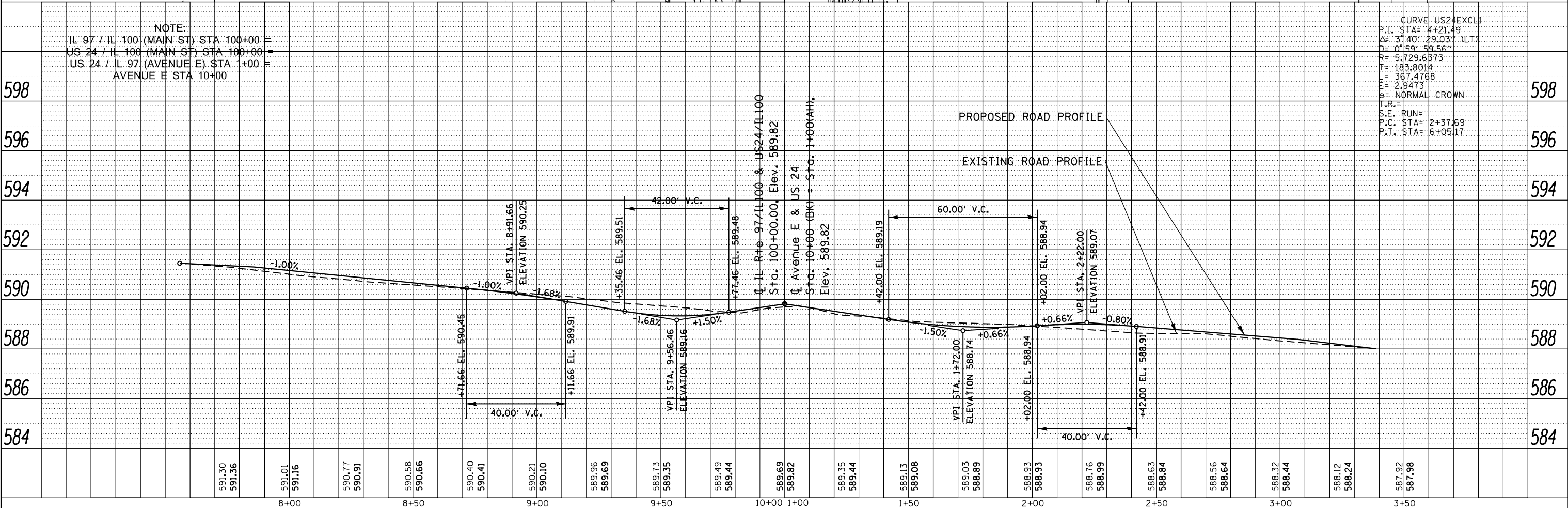
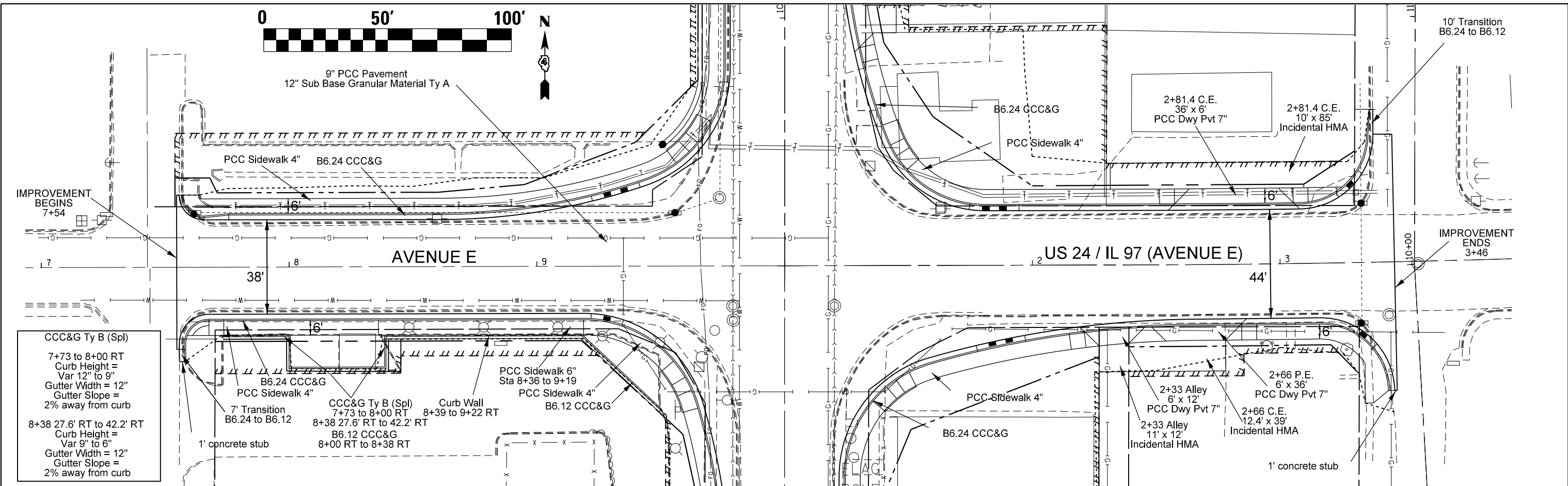
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



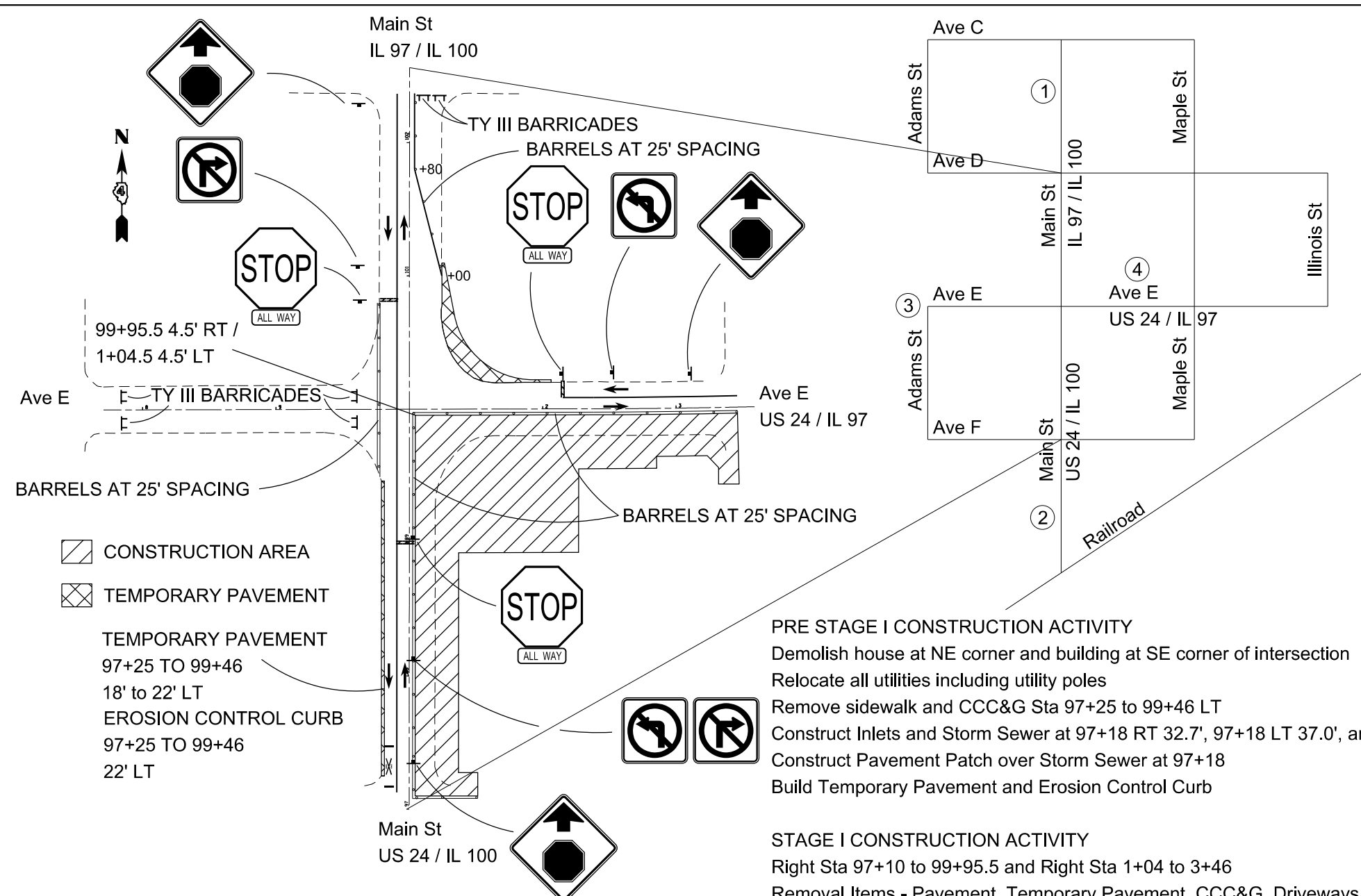
FILE NAME = D468845-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROP PLAN AND PROFILE - MAIN ST US 24 IL 100 - IL 100L97				F.A.P. R.T.E. =	SECTION = (129,20)N	COUNTY = FULTON	TOTAL SHEETS = 89	SHEET NO. = 27
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 68B45	
	PLOT DATE = 5/3/2016	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					317/622								

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
NOTE BOOK	
ALIGNED	
CHECKED	
NO.	
CARD FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTE BOOK	
GRADES CHECKED	
NO.	
STRUCTURE	
NOTATIONS	
CPAD	



CURVE US24EXCL1	
P.T. STA:	4+21.49
Δ:	3° 40' 29.03" (LT)
D:	0' 59" 59.56"
R:	5,729.6873
T:	183.8014
L:	367.4768
E:	2.9473
g:	NORMAL CROWN
I.R.:	
S.E. RUN:	
P.C. STA:	2+37.69
P.T. STA:	6+05.17



- STAGE I TRAFFIC CONTROL**
 Highway Standard BLR-22
 Highway Standard 701502
 Highway Standard 701801
- ① Main St (IL 97/ IL 100) (North leg) - Shift traffic to the west from Ave C to Ave D
 - ② Main St (US 24/ IL 100) (South leg) - Shift traffic to the west from the railroad tracks to Ave F
 - ③ Ave E (West leg) - Close Ave E at Adams St
 - ④ Ave E (US 24/ IL 97) (East leg) - Shift traffic to the north from Illinois St. to Maple St.

- STAGE I INTERSECTION RESTRICTIONS**
- Ave E (West leg) - Closed
 - No left turn from Ave E (US 24/ IL 97) (East leg) to Main St (US 24/ IL 100) (South leg)
 - No right turn from Main St (US 24/ IL 100) (South leg) to Ave E (US 24/ IL 97) (East leg)

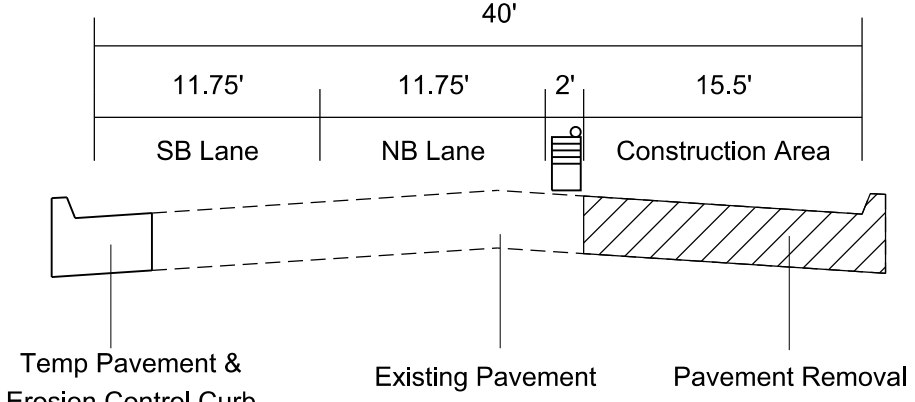
SEE SHEET 35 FOR DETOUR

STOP BAR LOCATIONS
 2+15, 98+67, 100+82

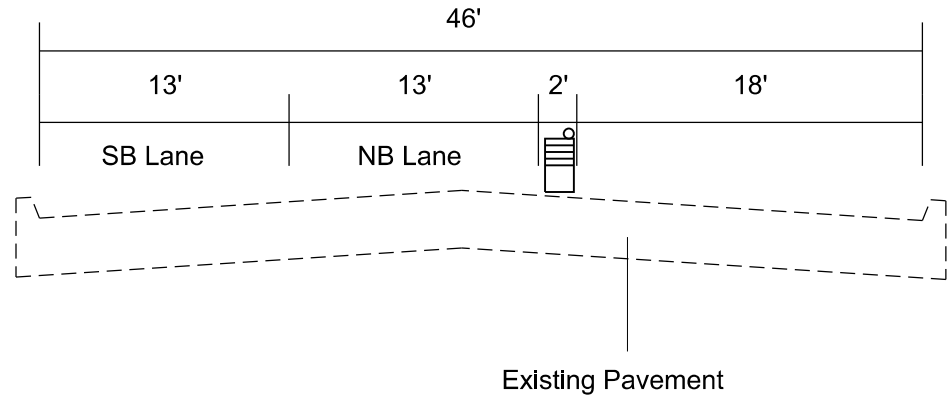
- PRE STAGE I CONSTRUCTION ACTIVITY**
- Demolish house at NE corner and building at SE corner of intersection
 - Relocate all utilities including utility poles
 - Remove sidewalk and CCC&G Sta 97+25 to 99+46 LT
 - Construct Inlets and Storm Sewer at 97+18 RT 32.7', 97+18 LT 37.0', and 97+18 LT 68.2'
 - Construct Pavement Patch over Storm Sewer at 97+18
 - Build Temporary Pavement and Erosion Control Curb

- STAGE I CONSTRUCTION ACTIVITY**
- Right Sta 97+10 to 99+95.5 and Right Sta 1+04 to 3+46
 - Removal Items - Pavement, Temporary Pavement, CCC&G, Driveways, Sidewalk, Storm Sewer, Inlets
 - Construction items - PCC Pavement, CCC&G, Driveways, Sidewalk, Storm Sewer, Inlets

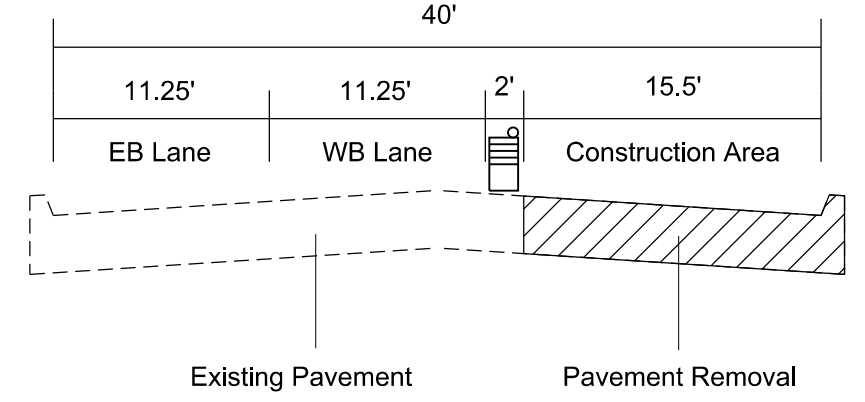
MAIN ST. US 24 / IL 100 (LOOKING NORTH)
 STA 100+00 TO 102+39



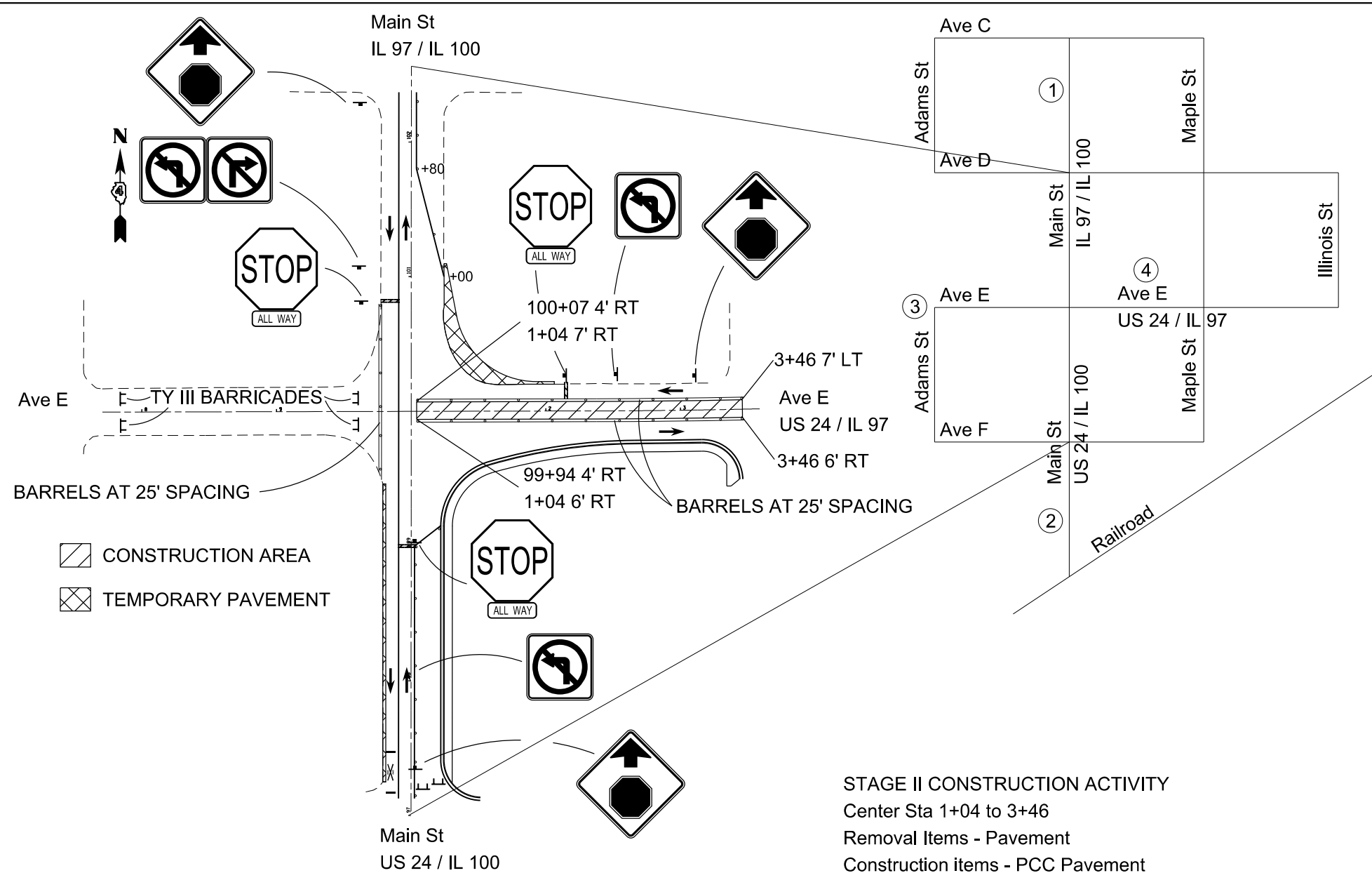
MAIN ST. IL 97 / IL 100 (LOOKING NORTH)
 STA 97+10 to 100+00



AVE. E US 24 / IL 97 (LOOKING EAST)
 STA 0+00 TO 3+46



FILE NAME = D468B45-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION - STAGE I				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	89	29
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -									CONTRACT NO. 68B45	
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT	



- STAGE II TRAFFIC CONTROL**
 Highway Standard BLR-22
 Highway Standard 701502
 Highway Standard 701801
- ① Main St (IL 97/ IL 100) (North leg) - Shift traffic to the west from Ave C to Ave D
 - ② Main St (US 24/ IL 100) (South leg) - Shift traffic to the west from the railroad tracks to Ave F
 - ③ Ave E (West leg) - Close Ave E at Adams St
 - ④ Ave E (US 24/ IL 97) (East leg) - Shift westbound traffic to the north and eastbound traffic to the south from Illinois St. to Maple St.

- STAGE II INTERSECTION RESTRICTIONS**
- Ave E (West leg) - Closed
 - No left turn from Main St (IL 97/ IL 100) (North leg) to Ave E (US 24/ IL 97) (East leg)
 - No left turn from Ave E (US 24/ IL 97) (East leg) to Main St (US 24/ IL 100) (South leg)

SEE SHEET 35 FOR DETOUR

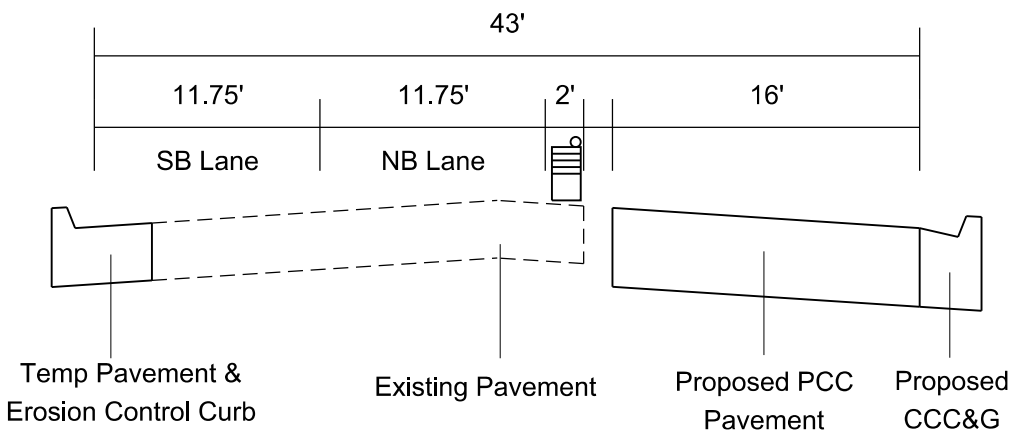
Construction areas to be flagged during work hours

STOP BAR LOCATIONS
 2+15, 99+00, 100+82

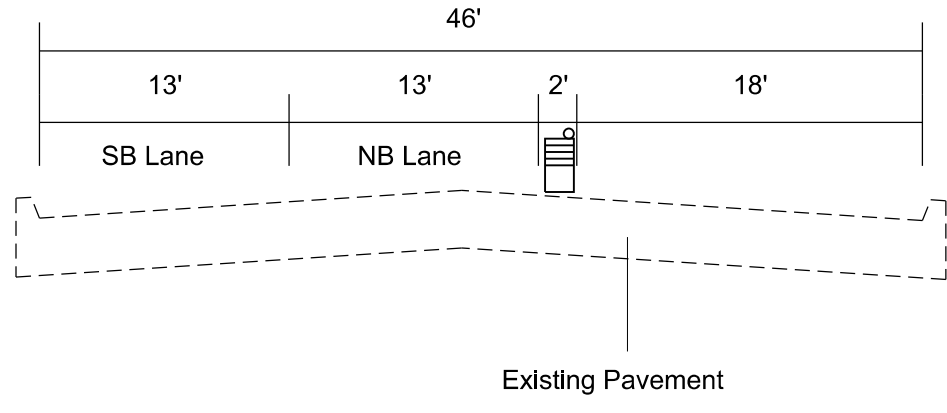
STAGE II CONSTRUCTION ACTIVITY
 Center Sta 1+04 to 3+46
 Removal Items - Pavement
 Construction items - PCC Pavement

* Note 1: There is a 1.5' gap between new pavement and existing pavement

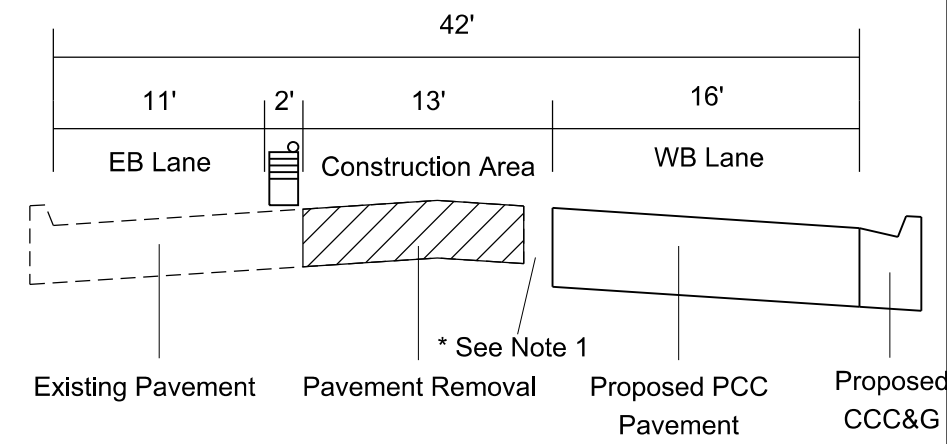
MAIN ST. US 24 / IL 100 (LOOKING NORTH)
 STA 100+00 TO 102+39



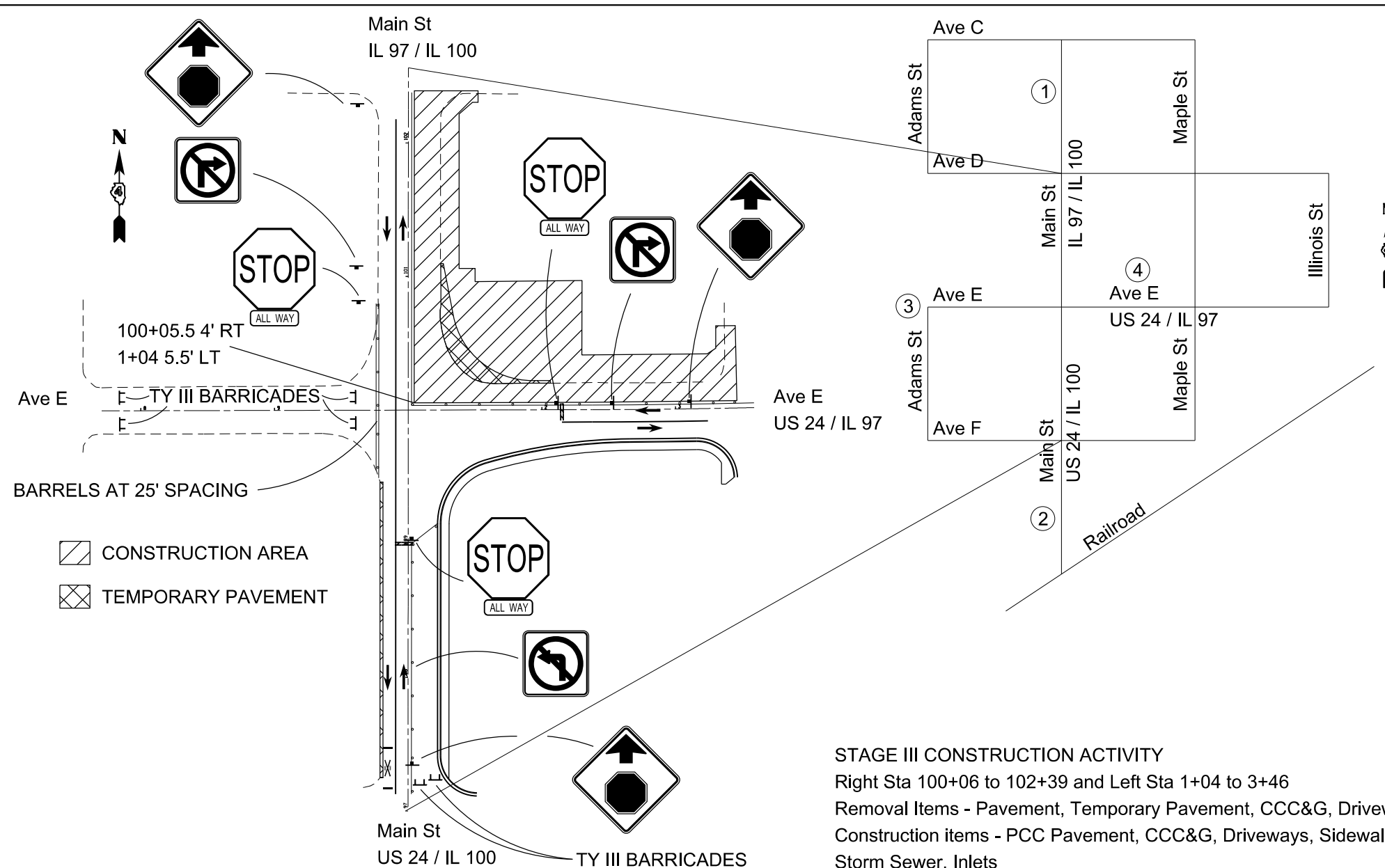
MAIN ST. IL 97 / IL 100 (LOOKING NORTH)
 STA 97+10 to 100+00



AVE. E US 24 / IL 97 (LOOKING EAST)
 STA 0+00 TO 3+46



FILE NAME = D468B45-sh1-plan.dgn	USER NAME = aubreys	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION - STAGE II				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	89	30
	PLOT DATE = 5/3/2016	DATE -	REVISED -									CONTRACT NO. 68B45	
												ILLINOIS FED. AID PROJECT	



- STAGE III TRAFFIC CONTROL**
 Highway Standard BLR-22
 Highway Standard 701502
 Highway Standard 701801
- ① Main St (IL 97/ IL 100) (North leg) - Shift traffic to the west from Ave C to Ave D
 - ② Main St (US 24/ IL 100) (South leg) - Shift traffic to the west from the railroad tracks to Ave F
 - ③ Ave E (West leg) - Close Ave E at Adams St
 - ④ Ave E (US 24/ IL 97) (East leg) - Shift traffic to the south from Illinois St. to Maple St.

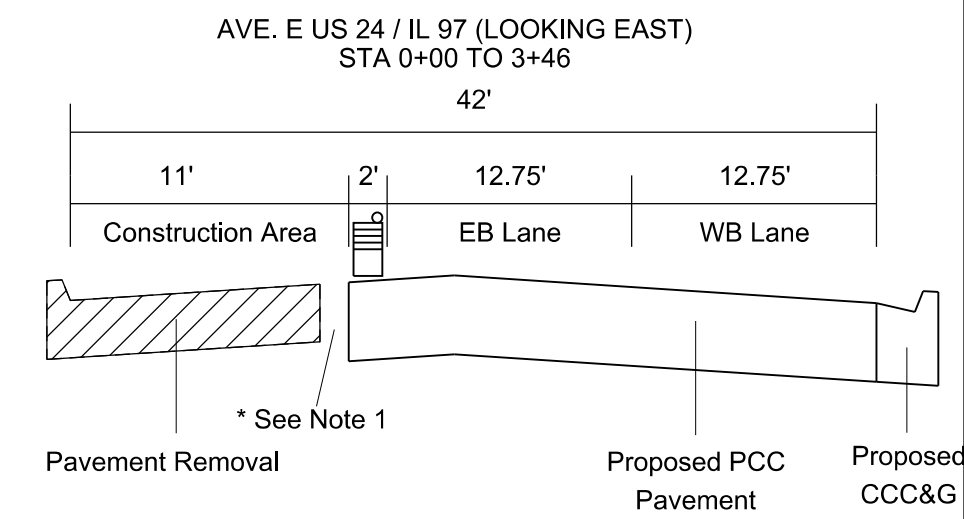
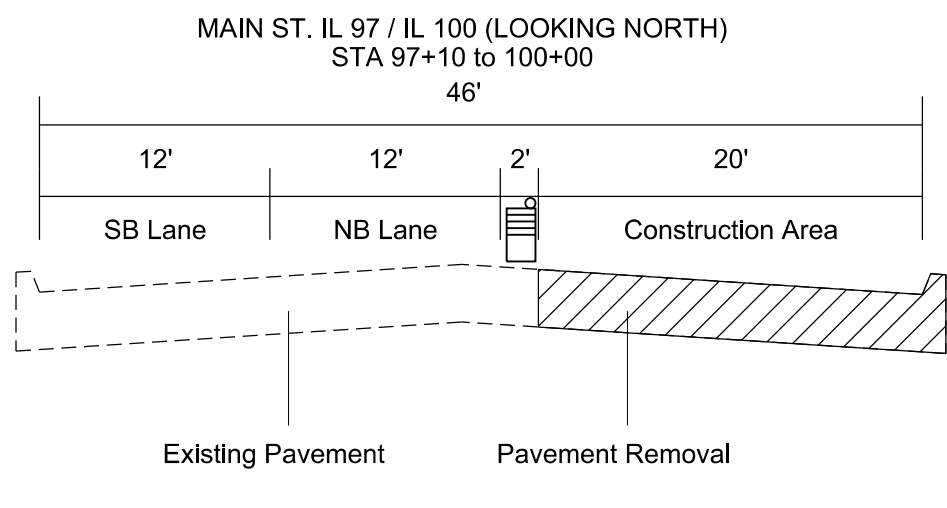
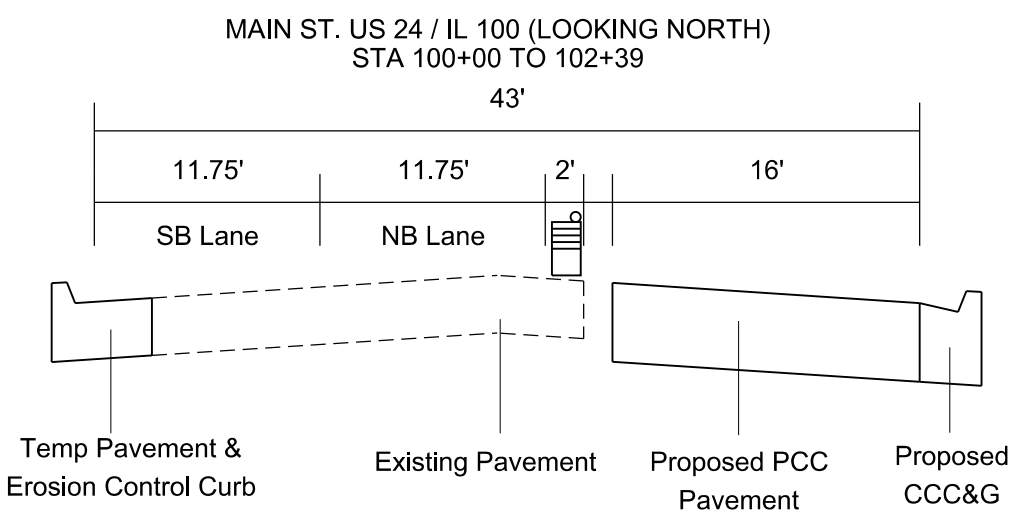
STAGE III INTERSECTION RESTRICTIONS
 Ave E (West leg) - Closed
 No left turn from Main St (IL 97/ IL 100) (North leg) to Ave E (US 24/ IL 97) (East leg)
 No right turn from Ave E (US 24/ IL 97) (East leg) to Main St (IL 97/ IL 100) (North leg)

SEE SHEET 36 FOR DETOUR

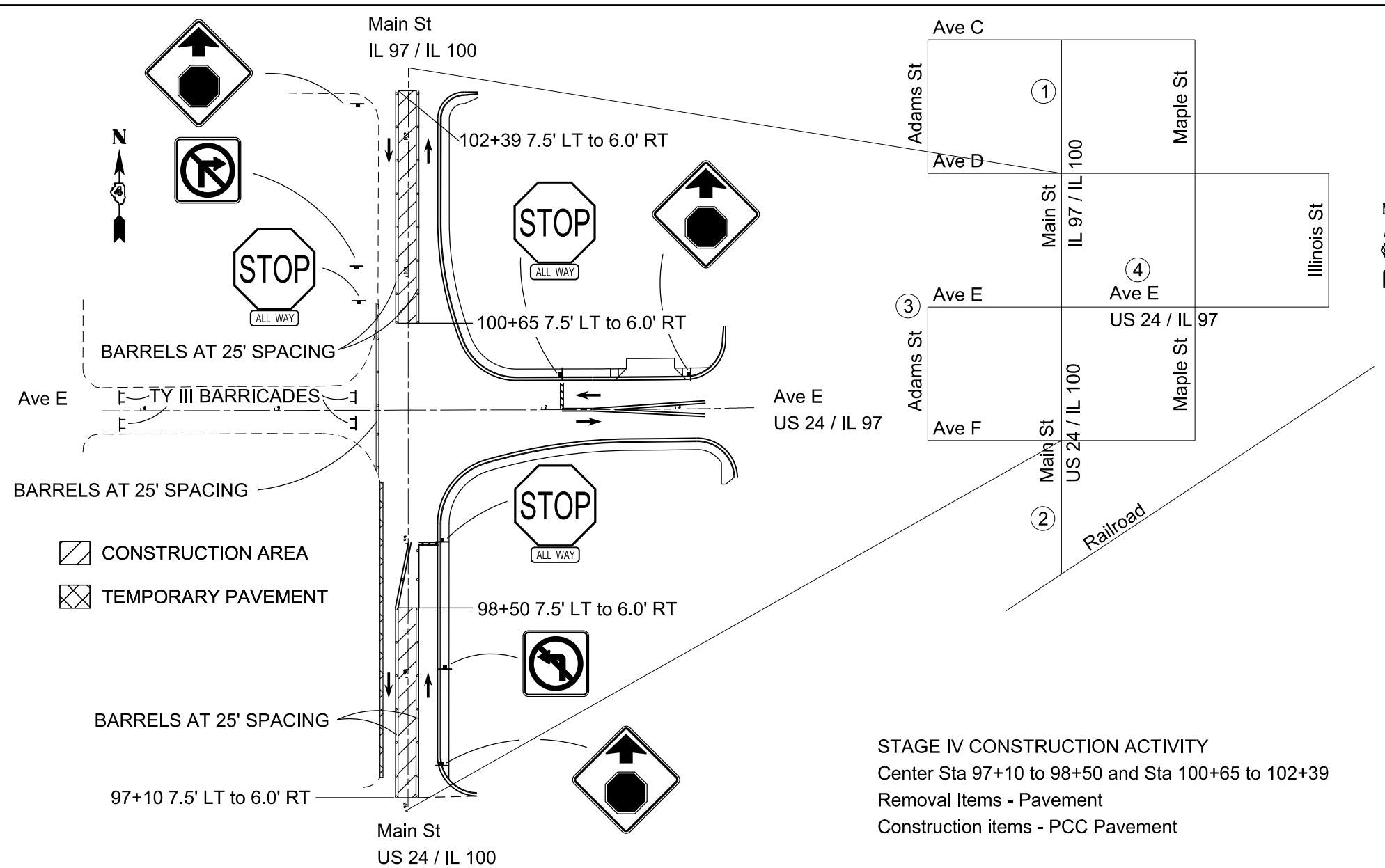
STAGE III CONSTRUCTION ACTIVITY
 Right Sta 100+06 to 102+39 and Left Sta 1+04 to 3+46
 Removal Items - Pavement, Temporary Pavement, CCC&G, Driveways, Sidewalk, Storm Sewer, Inlets
 Construction items - PCC Pavement, CCC&G, Driveways, Sidewalk, Storm Sewer, Inlets

STOP BAR LOCATIONS
 2+15, 99+00, 100+82

* Note 1: There is a 1.5' gap between new pavement and existing pavement



FILE NAME = D468B45-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION - STAGE III				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	89	31
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -									CONTRACT NO. 68B45	
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT	



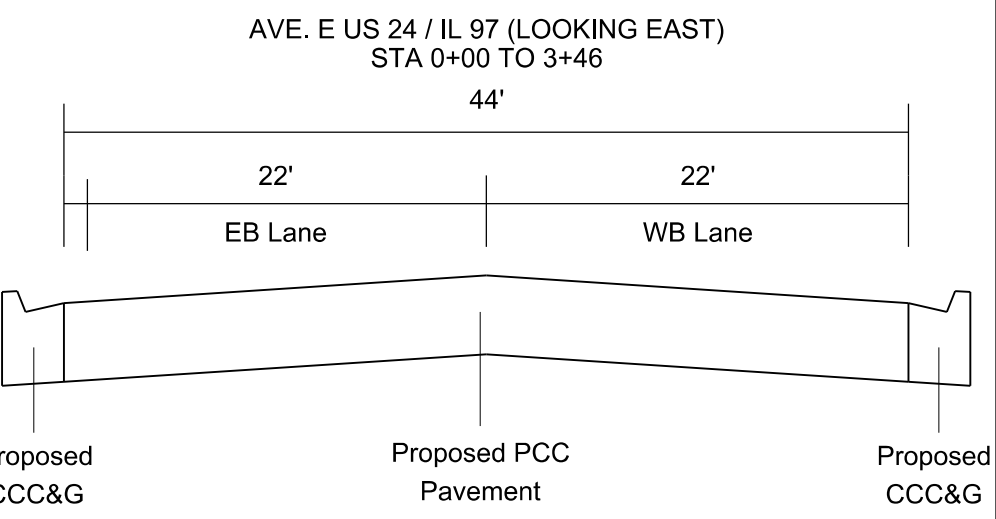
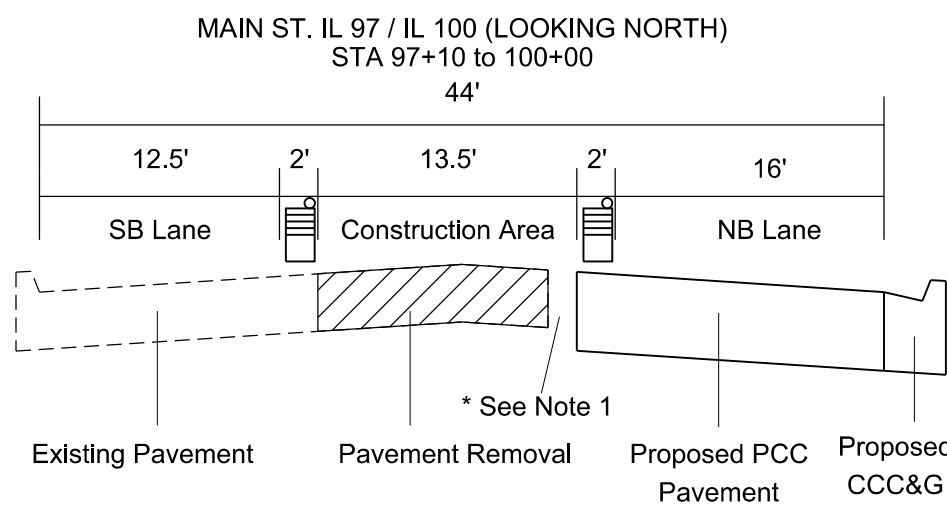
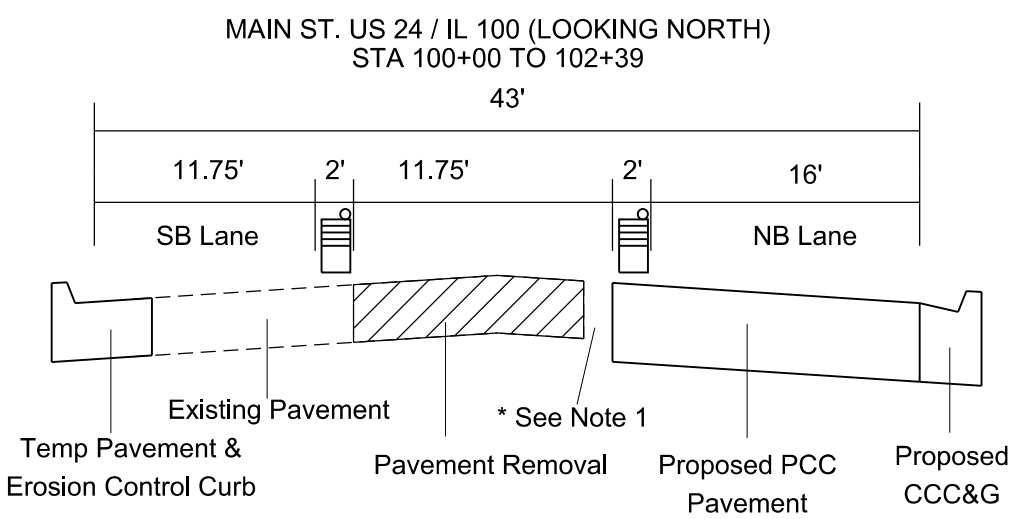
- STAGE IV TRAFFIC CONTROL**
 Highway Standard BLR-22
 Highway Standard 701502
 Highway Standard 701801
- ① Main St (IL 97/ IL 100 North leg): Shift northbound traffic to the east and southbound traffic to the west and close bidirectional turn lane from Ave C to Ave D
 - ② Main St (US 24/ IL 100 South leg): Shift northbound traffic to the east and southbound traffic to the west and close bidirectional turn lane from the railroad tracks to Ave F
 - ③ Ave E (West leg): Close Ave E at Adams St
 - ④ Ave E (US 24/ IL 97 East leg): Eliminate left turn lane from Main St. to Maple St.
- STAGE IV INTERSECTION RESTRICTIONS**
 Ave E (West leg) - Closed

Construction areas to be flagged during work hours

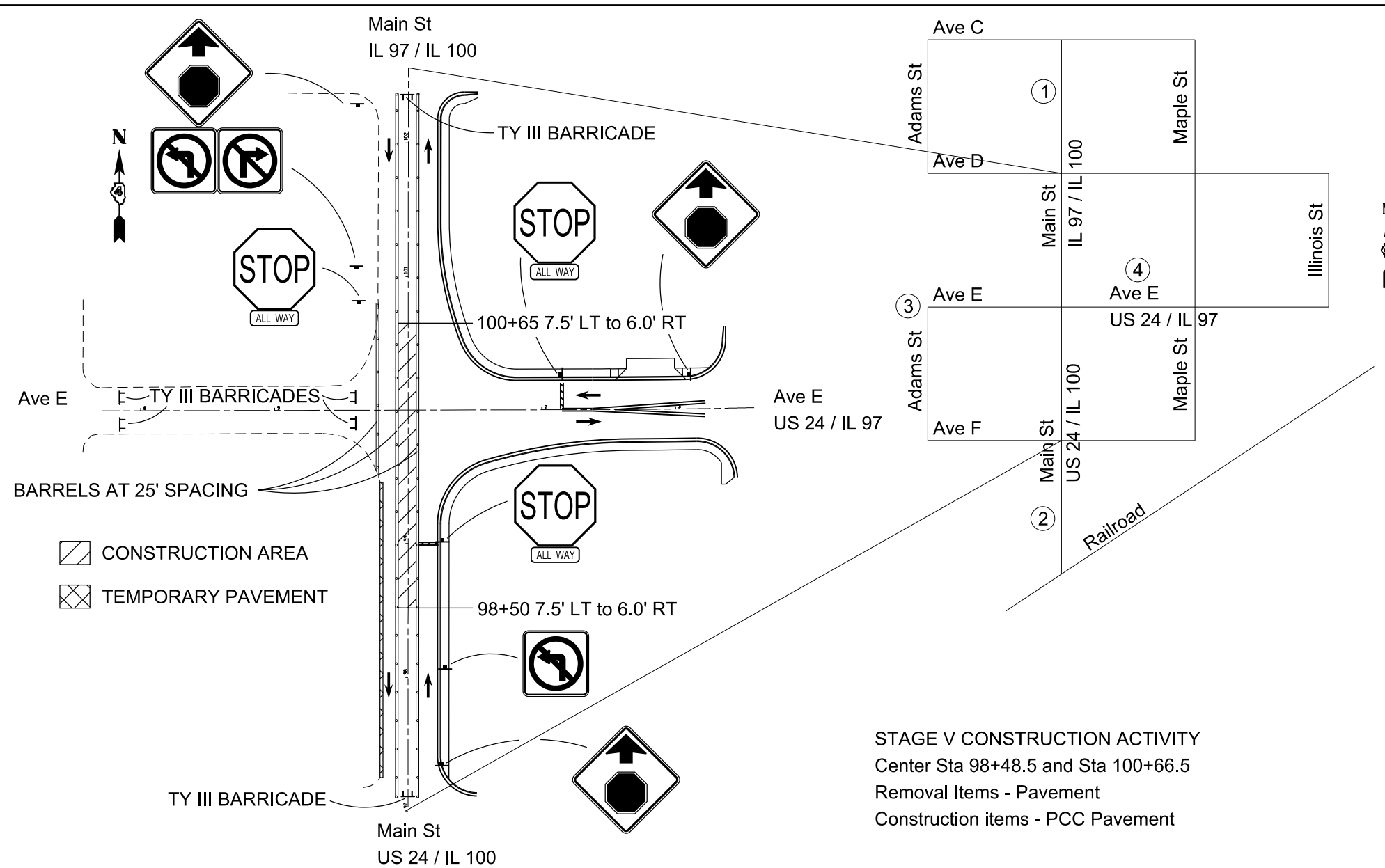
STOP BAR LOCATIONS
 2+15, 99+00, 100+82

STAGE IV CONSTRUCTION ACTIVITY
 Center Sta 97+10 to 98+50 and Sta 100+65 to 102+39
 Removal Items - Pavement
 Construction items - PCC Pavement

* Note 1: There is a 1.5' gap between new pavement and existing pavement



FILE NAME = D468B45-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION - STAGE IV				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	89	32
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -									CONTRACT NO. 68B45	
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT	



- STAGE V TRAFFIC CONTROL**
 Highway Standard BLR-22
 Highway Standard 701502
 Highway Standard 701801
- ① Main St (IL 97/ IL 100 North leg): Shift northbound traffic to the east and southbound traffic to the west and close bidirectional turn lane from Ave C to Ave D
 - ② Main St (US 24/ IL 100 South leg): Shift northbound traffic to the east and southbound traffic to the west and close bidirectional turn lane from the railroad tracks to Ave F
 - ③ Ave E (West leg): Close Ave E at Adams St
 - ④ Ave E (US 24/ IL 97 East leg): Eliminate left turn lane from Main St. to Maple St.

- STAGE V INTERSECTION RESTRICTIONS**
- Ave E (West leg) - Closed
 - No left turn from Main St (IL 97/ IL 100) (North leg) to Ave E (US 24/ IL 97) (East leg)
 - No left turn from Ave E (US 24/ IL 97) (East leg) to Main St (US 24/ IL 100) (South leg)

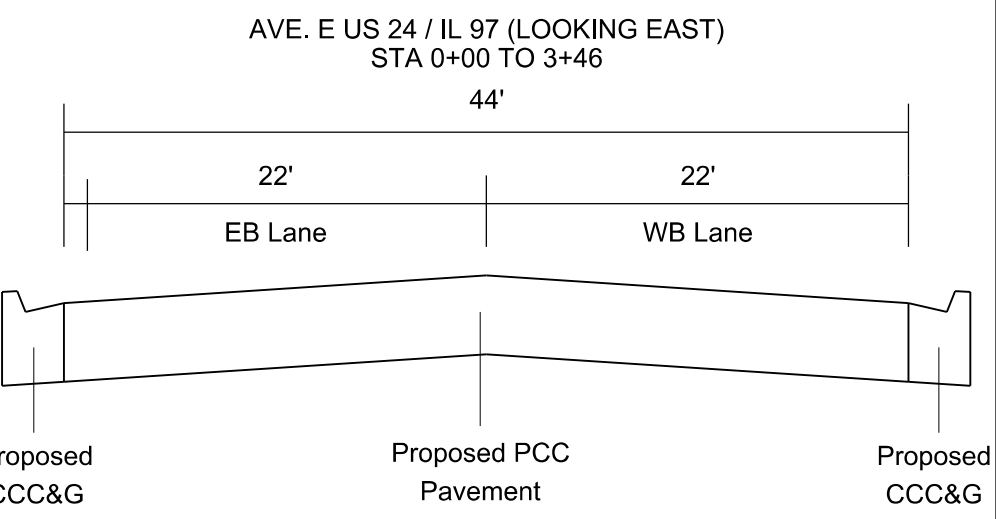
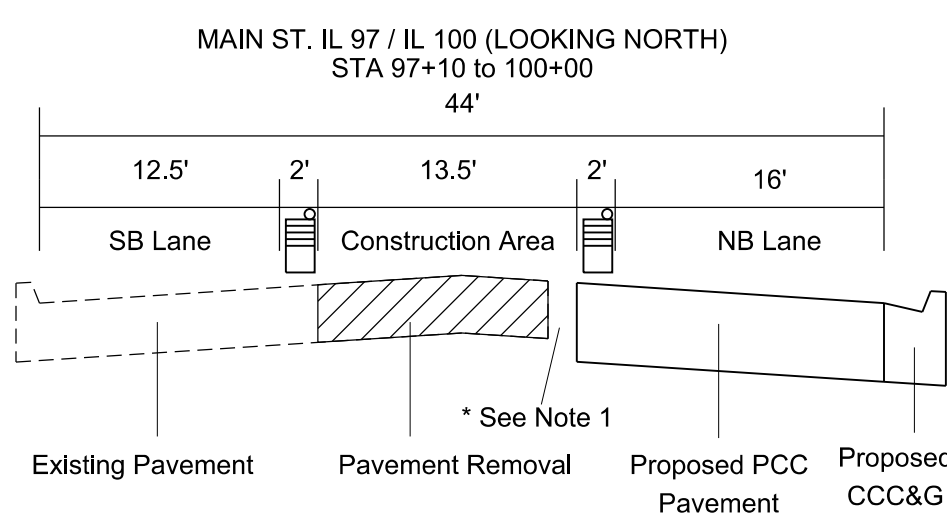
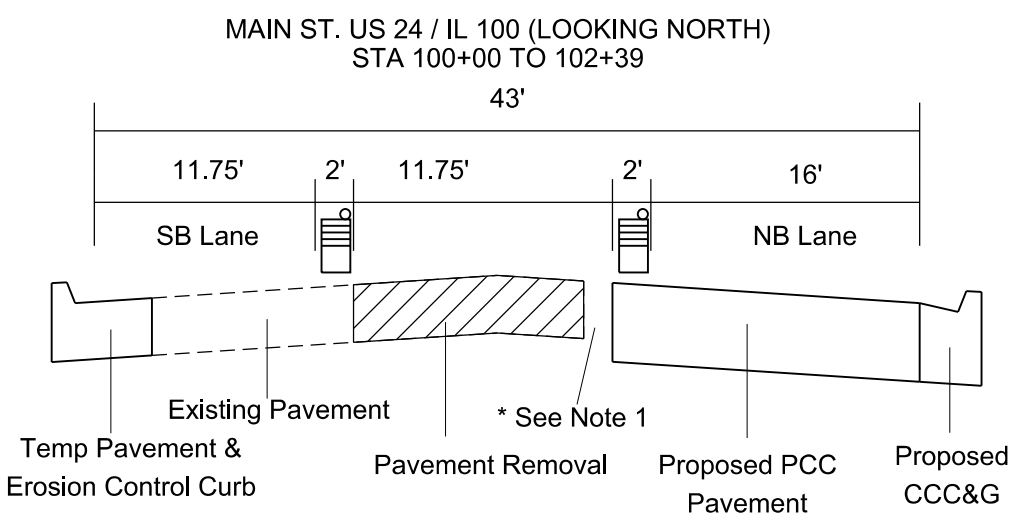
SEE SHEET 36 FOR DETOUR

Construction areas to be flagged during work hours

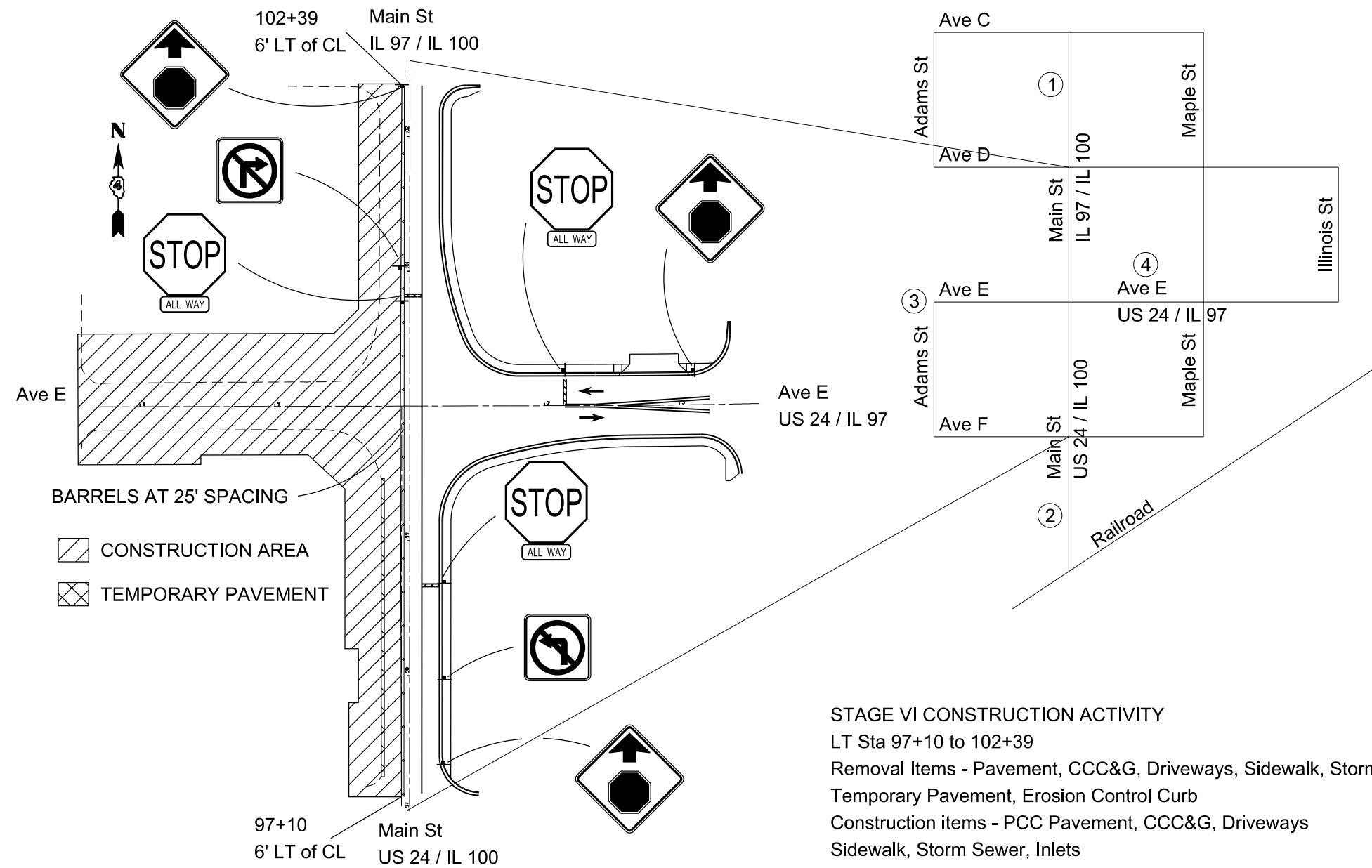
STOP BAR LOCATIONS
 2+15, 98+67, 100+82

STAGE V CONSTRUCTION ACTIVITY
 Center Sta 98+48.5 and Sta 100+66.5
 Removal Items - Pavement
 Construction items - PCC Pavement

* Note 1: There is a 1.5' gap between new pavement and existing pavement



FILE NAME = D468B45-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION - STAGE V				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	89	33
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -									CONTRACT NO. 68B45	
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT	



- STAGE VI TRAFFIC CONTROL**
 Highway standard BLR-22
 Highway Standard 701502
 Highway Standard 701801
- ① Main St (IL 97/ IL 100) (North leg) - Shift traffic to the east from Ave C to Ave D
 - ② Main St (US 24/ IL 100) (South leg) - Shift traffic to the east from the railroad tracks to Ave F
 - ③ Ave E (West leg) - Close Ave E at Adams St - BLR 22
 - ④ Ave E (US 24/ IL 97) (East leg) - Eliminate left turn lane from Main St. to Maple St.

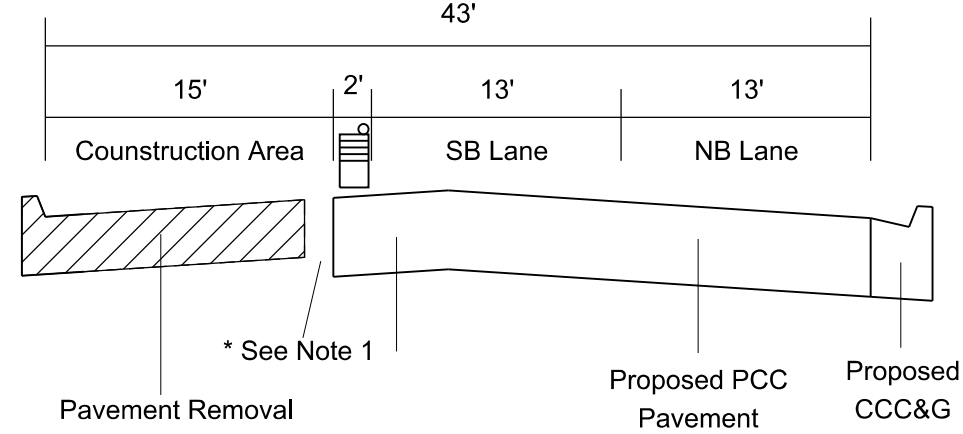
STAGE VI INTERSECTION RESTRICTIONS
 Ave E (West leg) - Closed

STOP BAR LOCATIONS
 2+15, 98+67, 100+82

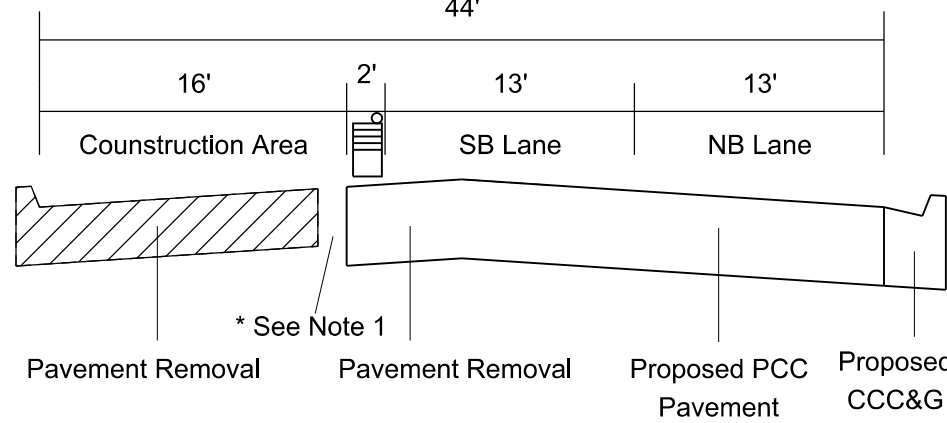
STAGE VI CONSTRUCTION ACTIVITY
 LT Sta 97+10 to 102+39
 Removal Items - Pavement, CCC&G, Driveways, Sidewalk, Storm Sewer, Inlets,
 Temporary Pavement, Erosion Control Curb
 Construction items - PCC Pavement, CCC&G, Driveways
 Sidewalk, Storm Sewer, Inlets

* Note 1: There is a 1.5' gap between new pavement and existing pavement

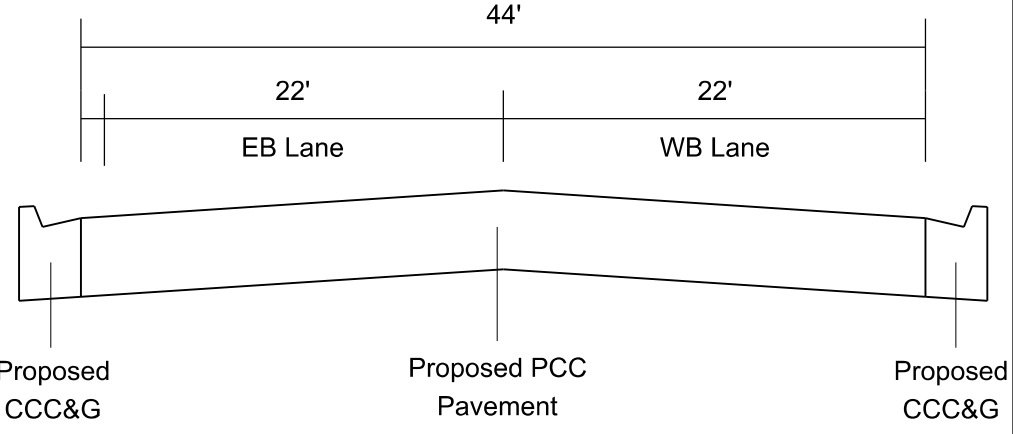
MAIN ST. US 24 / IL 100 (LOOKING NORTH)
 STA 100+00 TO 102+39



MAIN ST. IL 97 / IL 100 (LOOKING NORTH)
 STA 97+10 to 100+00



AVE. E US 24 / IL 97 (LOOKING EAST)
 STA 0+00 TO 3+46

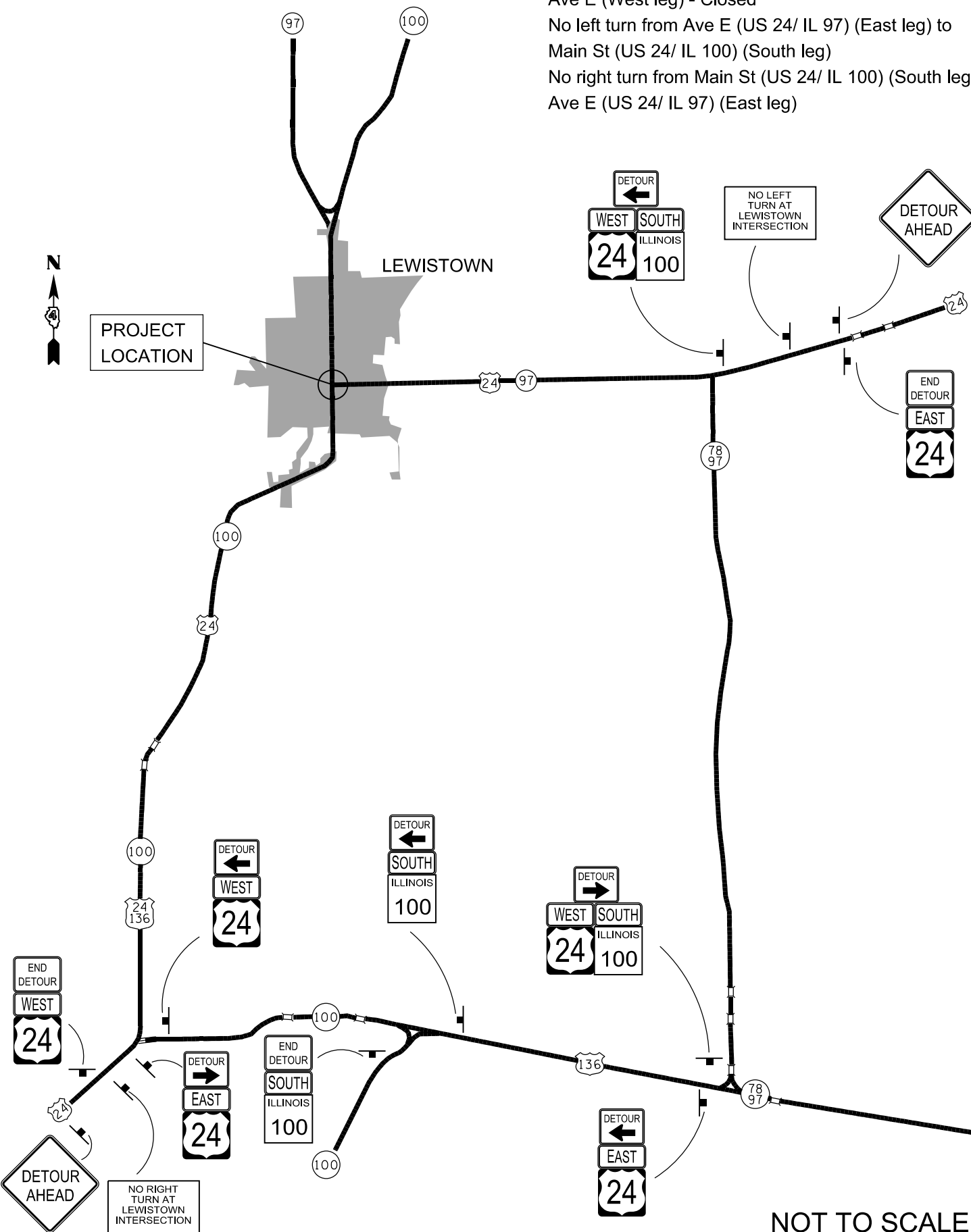


FILE NAME = D468B45-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION - STAGE VI				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISD -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	89	34
	PLOT DATE = 5/3/2016	CHECKED -	REVISD -									CONTRACT NO. 68B45	
		DATE -	REVISD -									ILLINOIS FED. AID PROJECT	

STAGE I DETOUR

STAGE I INTERSECTION RESTRICTIONS

- Ave E (West leg) - Closed
- No left turn from Ave E (US 24/ IL 97) (East leg) to Main St (US 24/ IL 100) (South leg)
- No right turn from Main St (US 24/ IL 100) (South leg) to Ave E (US 24/ IL 97) (East leg)

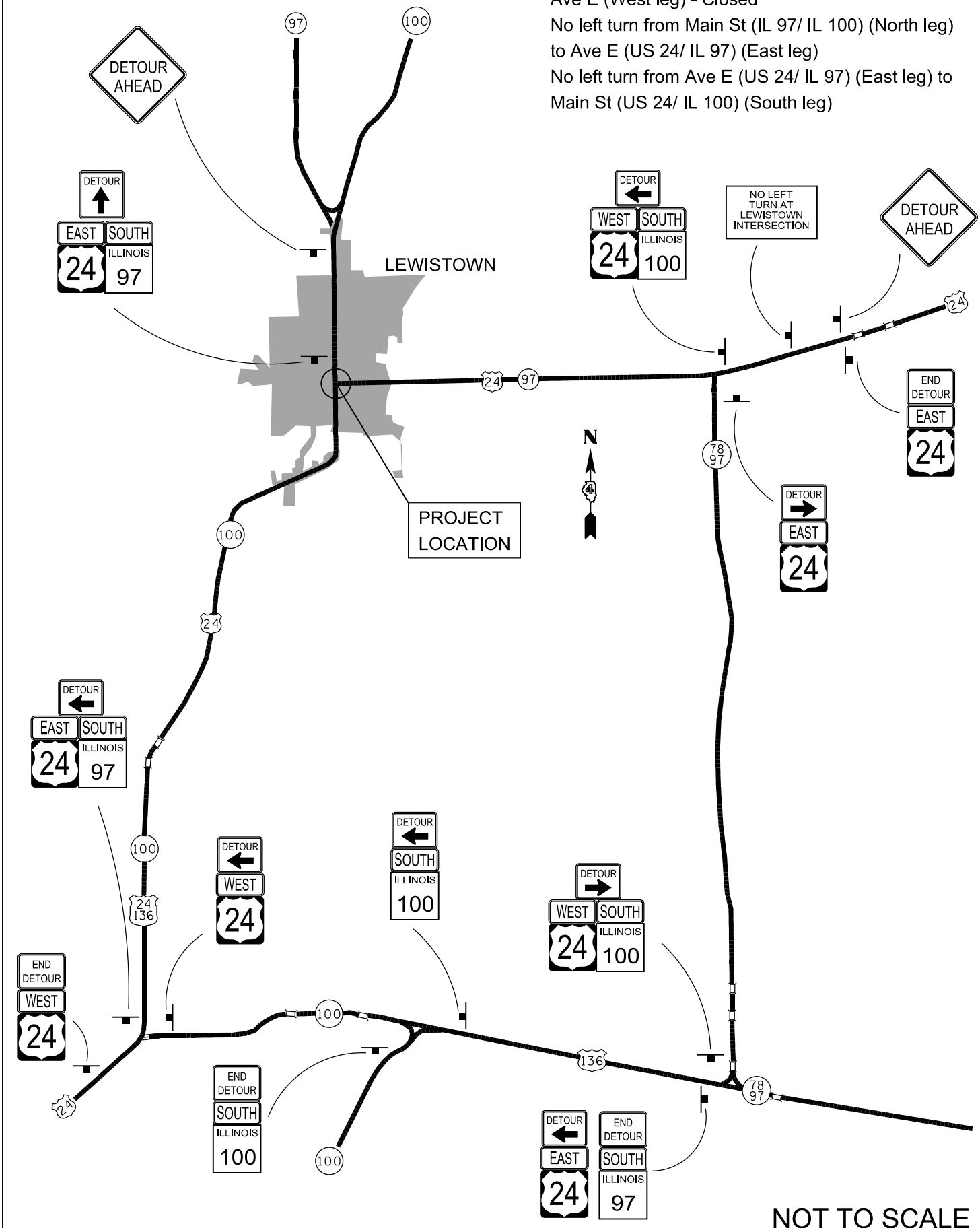


NOT TO SCALE

STAGE II DETOUR

STAGE II INTERSECTION RESTRICTIONS

- Ave E (West leg) - Closed
- No left turn from Main St (IL 97/ IL 100) (North leg) to Ave E (US 24/ IL 97) (East leg)
- No left turn from Ave E (US 24/ IL 97) (East leg) to Main St (US 24/ IL 100) (South leg)



NOT TO SCALE

FILE NAME = D468B45-sht-plan.dgn
Default

USER NAME = aubreys
PLOT SCALE = 48.0000' / in.
PLOT DATE = 5/3/2016

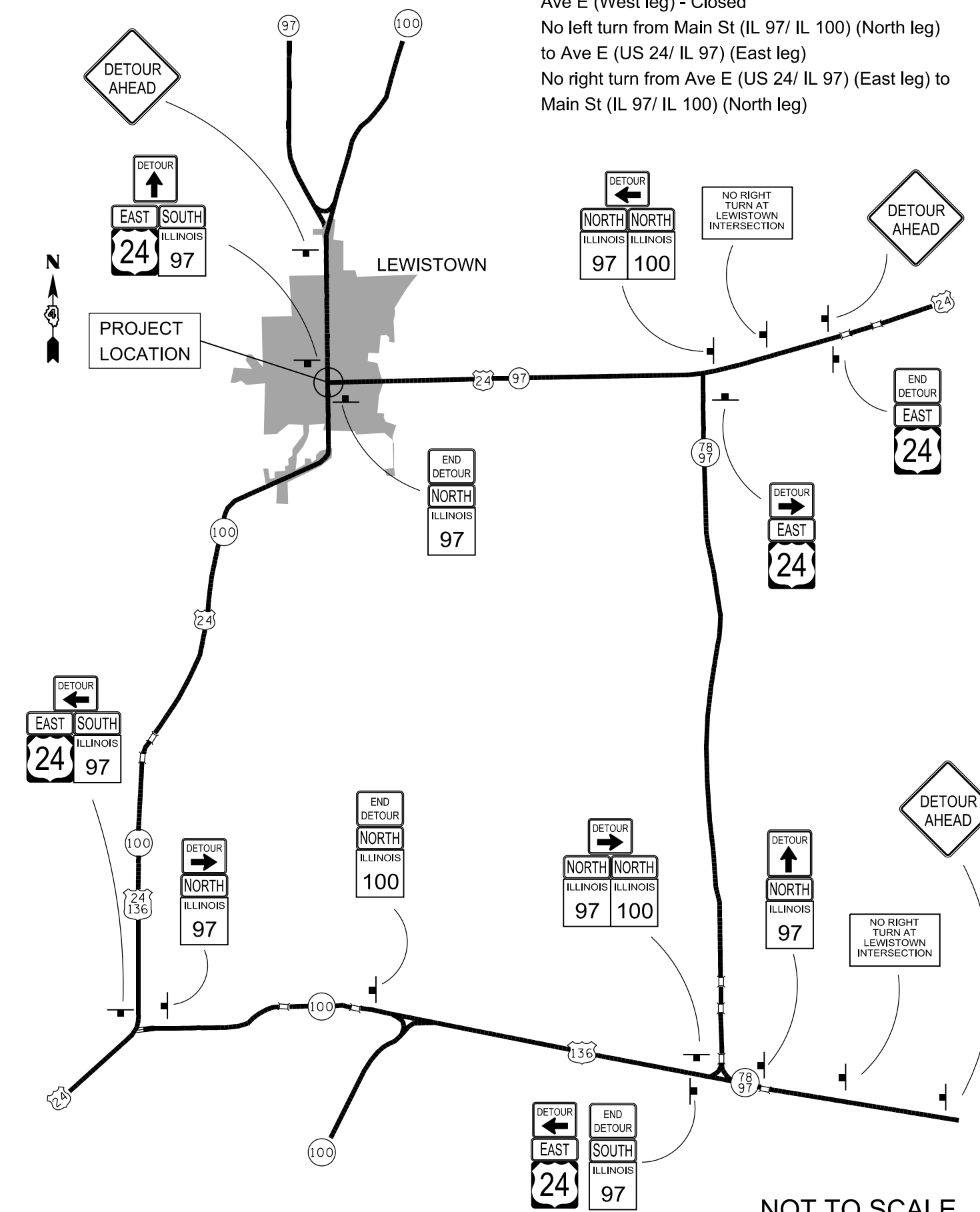
DESIGNED -	REVISED -	P.
DRAWN -	REVISED -	
CHECKED -	REVISED -	
DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR STAGE III AND STAGE IV
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	35
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				

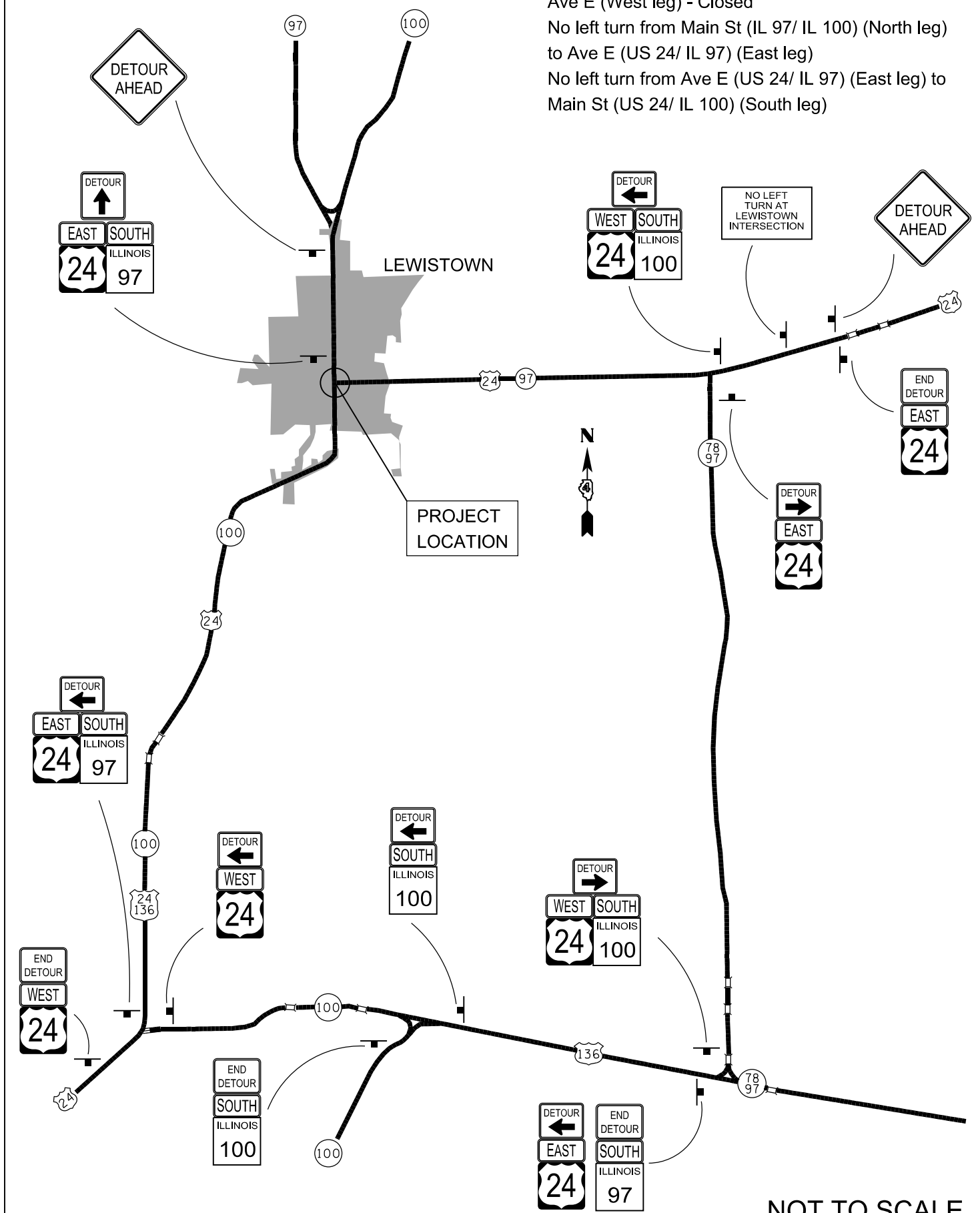
STAGE III DETOUR



STAGE III INTERSECTION RESTRICTIONS
 Ave E (West leg) - Closed
 No left turn from Main St (IL 97/ IL 100) (North leg) to Ave E (US 24/ IL 97) (East leg)
 No right turn from Ave E (US 24/ IL 97) (East leg) to Main St (IL 97/ IL 100) (North leg)

NOT TO SCALE

STAGE V DETOUR



STAGE IV INTERSECTION RESTRICTIONS
 Ave E (West leg) - Closed
 No left turn from Main St (IL 97/ IL 100) (North leg) to Ave E (US 24/ IL 97) (East leg)
 No left turn from Ave E (US 24/ IL 97) (East leg) to Main St (US 24/ IL 100) (South leg)

NOT TO SCALE



FILE NAME = D468B45-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED - P.
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -
		DATE -	REVISED -

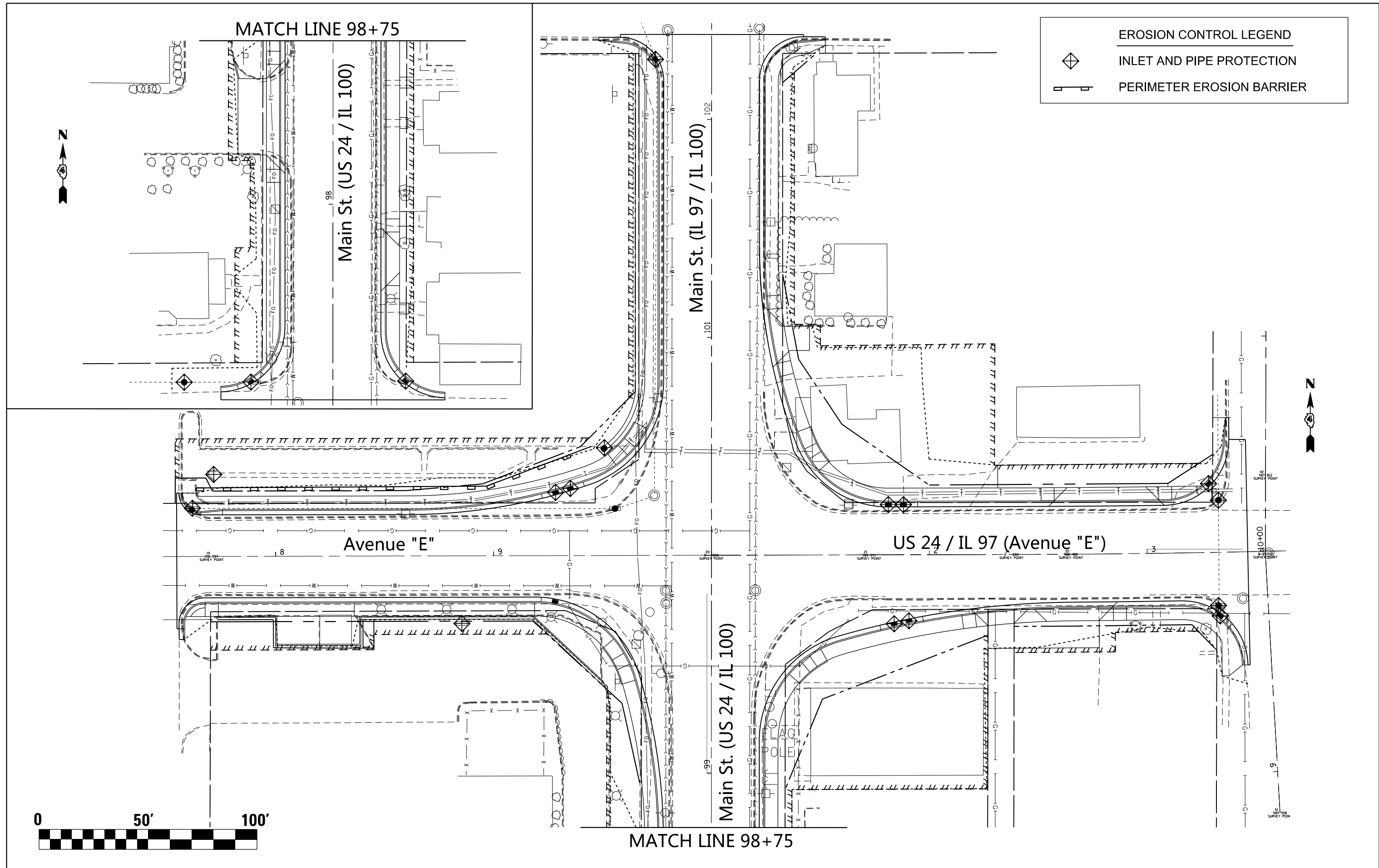
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETOUR STAGES V AND STAGE VI			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	36
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL LEGEND

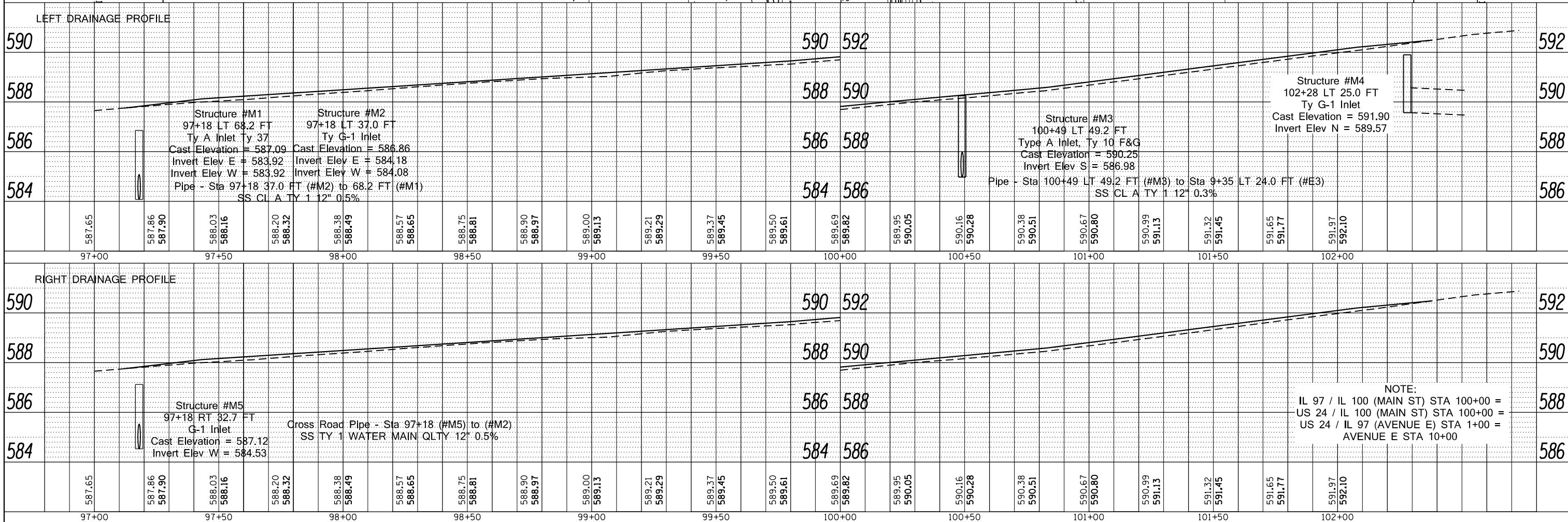
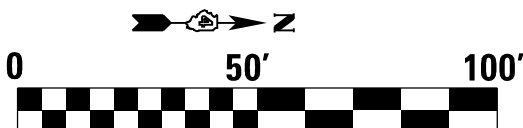
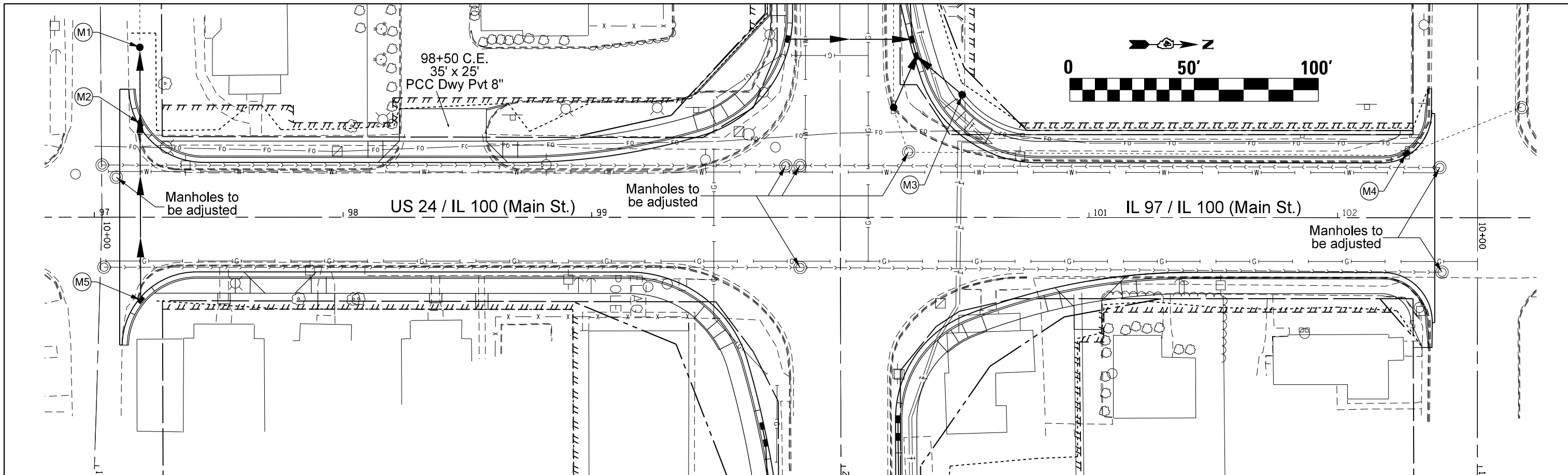
 INLET AND PIPE PROTECTION
 PERIMETER EROSION BARRIER



FILE NAME = D468B45-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	(129,20)N	FULTON	89	37
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -		CONTRACT NO. 68B45									
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	FILE NAME _____	

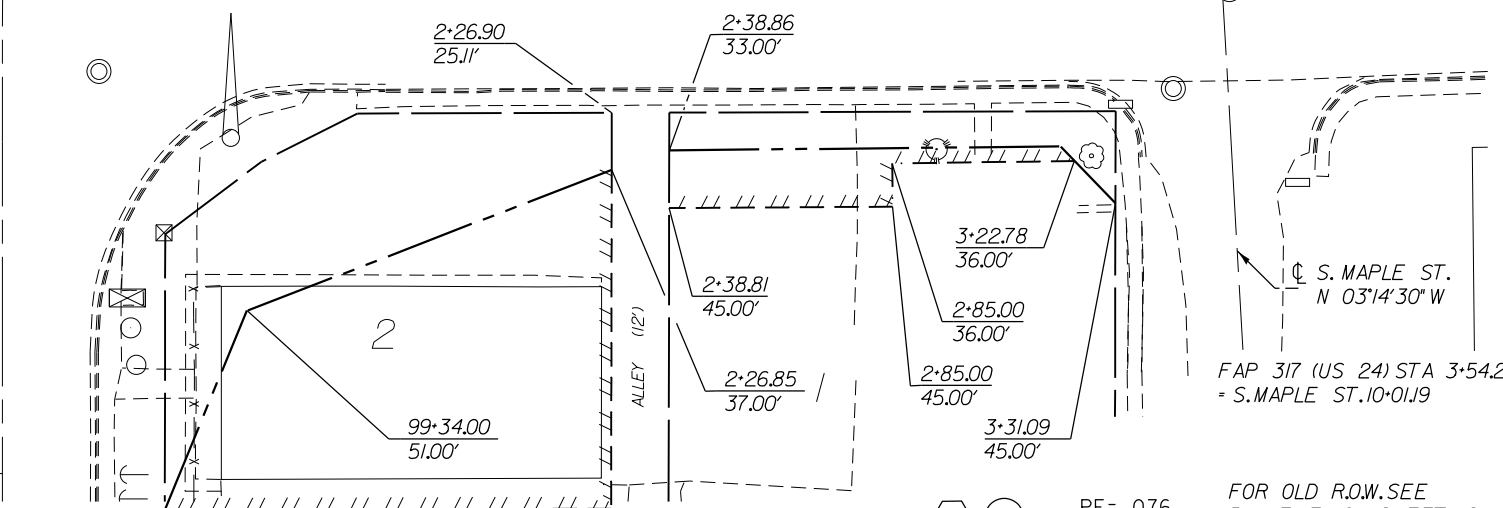
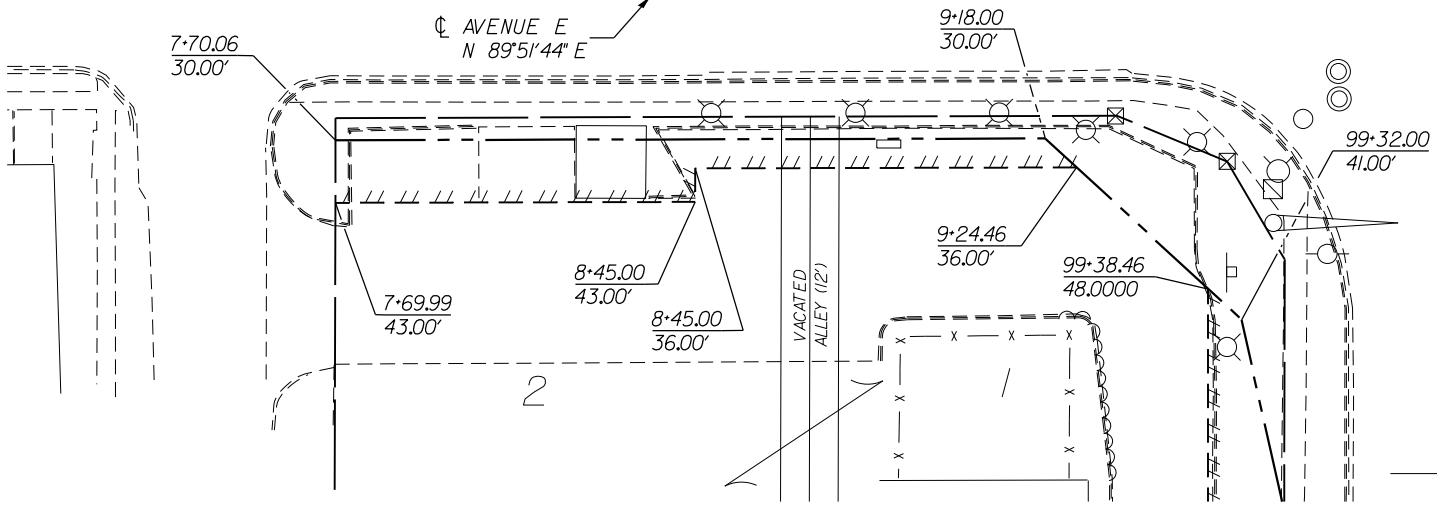
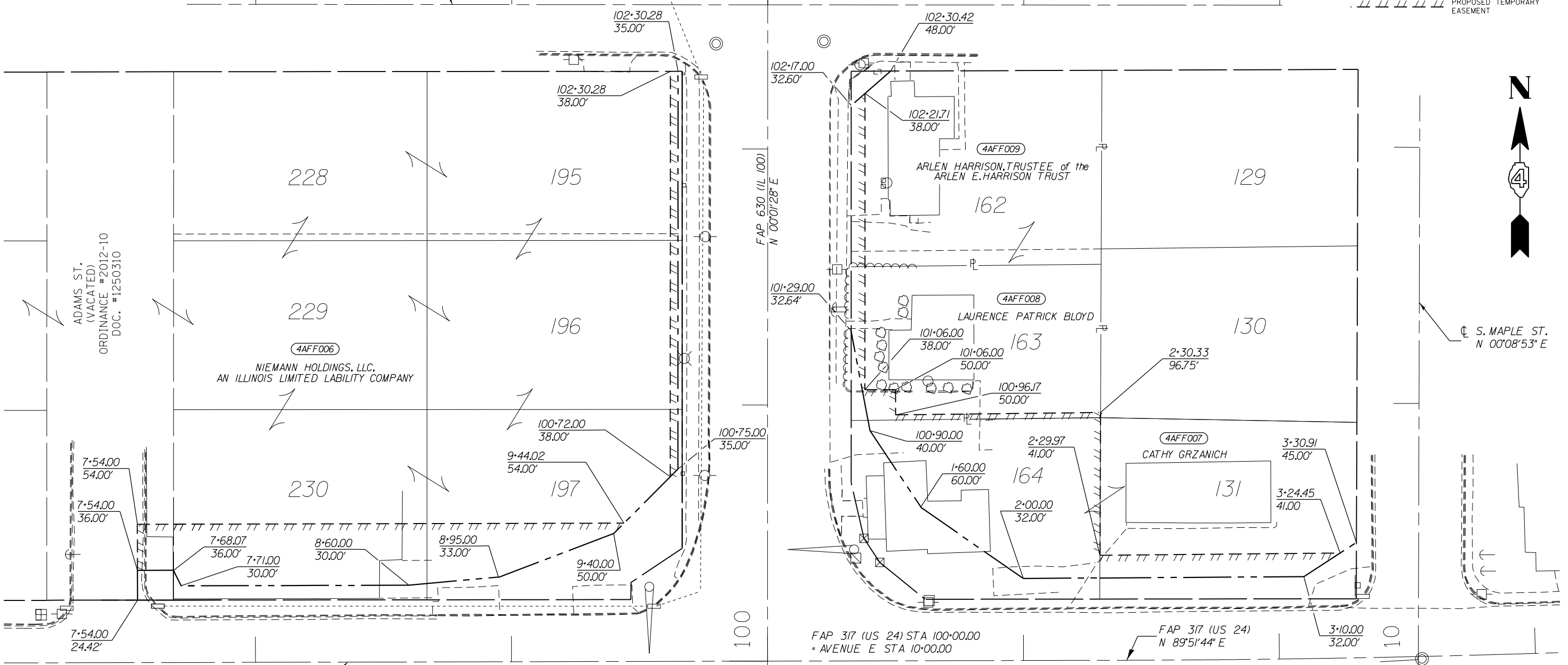
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	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	FILE NAME _____	



FILE NAME = D468845-shd-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE - MAIN ST US 24IL 100 - IL 100IL 97				F.A.P. RTE. =	SECTION = (129,20)N	COUNTY = FULTON	TOTAL SHEETS = 89	SHEET NO. = 38
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISD -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 68B45	
	PLOT DATE = 5/3/2016	CHECKED -	REVISD -									ILLINOIS FED. AID PROJECT	
												• 317/622	

AVE. D
S 89°57'20" E
FAP 630 (IL 100) STA 102+56.28
= AVENUE D STA 10+00.00

EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED TEMPORARY EASEMENT



FAP 317 (US 24) STA 100+00.00
= AVENUE E STA 10+00.00

FAP 317 (US 24)
N 89°51'44" E

FAP 317 (US 24) STA 3+54.25
= S. MAPLE ST. 10+01.19

PF= 076 FOR OLD R.O.W. SEE PLANFILE 10 SHEET 16

CAD DRAWING:
D368300-sh1-parcel001a.dgn
PROJECT: D468B45-R.O.W.dgn
FILE: INP01ROW.IPF
Jobrow.gpk

USER NAME = RTS
DESIGNED - RTS
DRAWN - RTS
CHECKED - PCF
PLOT DATE = 05/01/2015

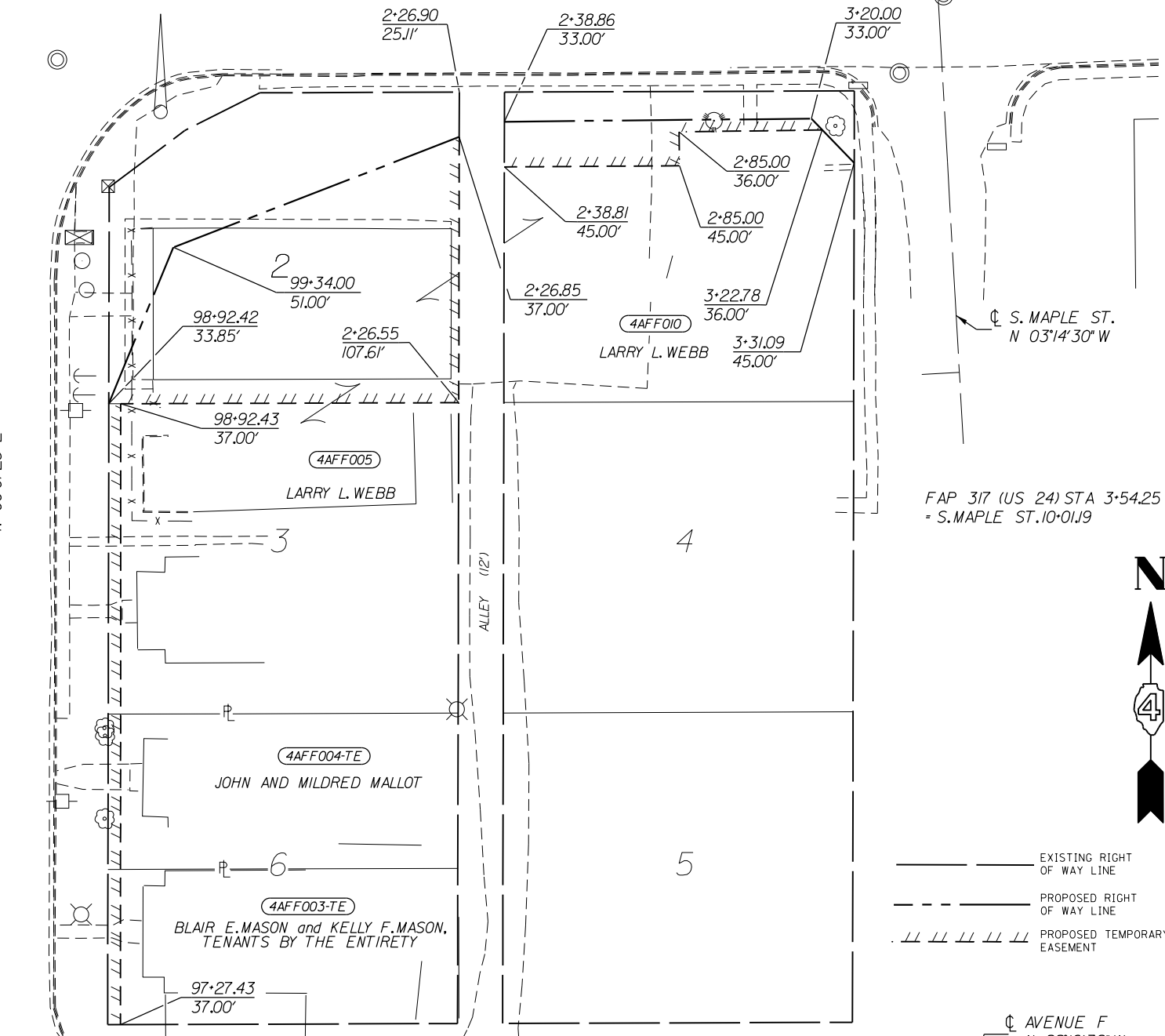
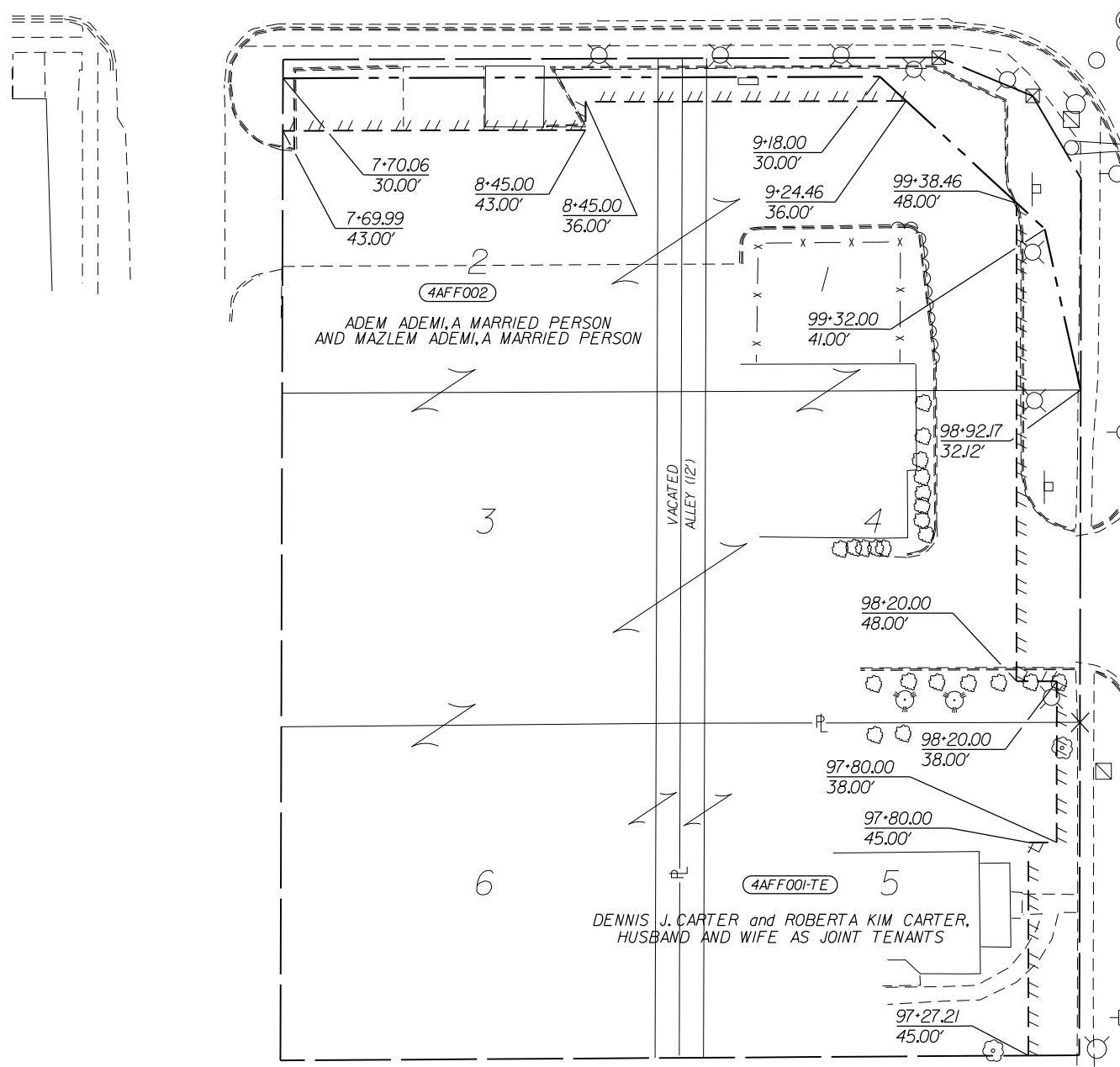
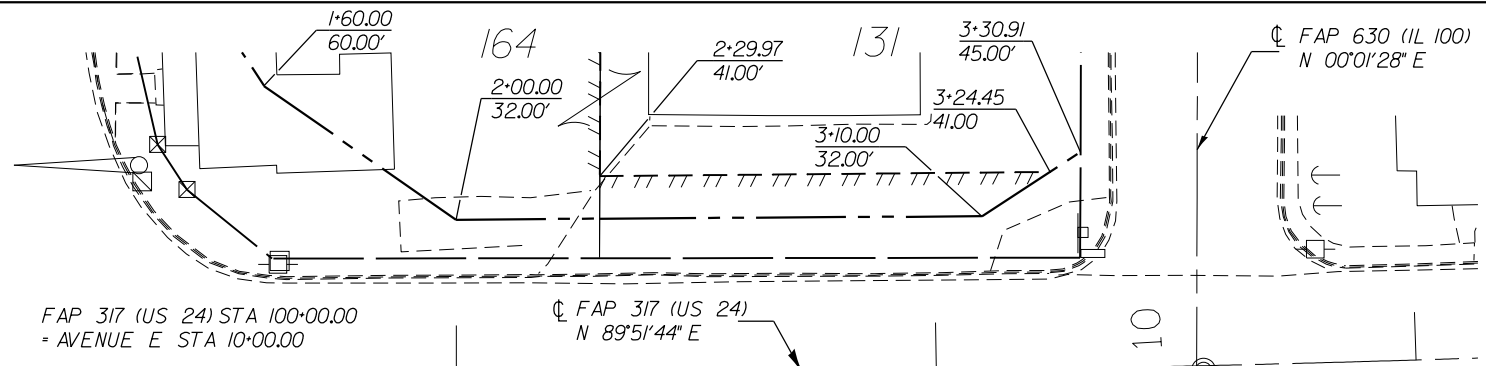
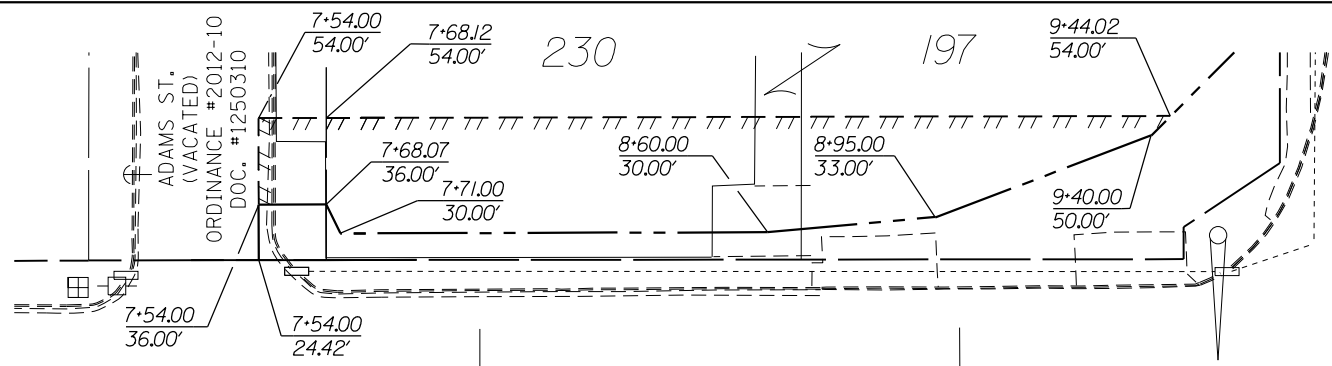
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

R O W PLANS

SCALE: 1"=20' SHEET 01 OF 02 SHEETS STA. 102+56.28 TO STA. 98+92.17

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317/630	(129,20N)	FULTON	89	40
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				



AVENUE F
N 89°51'44" E

FAP 317 (US 24) STA 100+00.00
= AVENUE F STA 10+00.00

FAP 317 (US 24) STA 3+54.25
= S. MAPLE ST. 10+01.19

S. MAPLE ST.
N 03°14'30" W

FAP 630 (IL 100)
N 00°01'28" E



- EXISTING RIGHT OF WAY LINE
- - - PROPOSED RIGHT OF WAY LINE
- ||||| PROPOSED TEMPORARY EASEMENT

AVENUE F
N 88°16'32" W

CAD DRAWING: D368300-sh1-parcel001a.dgn
PROJECT: D468B45-ROW.dgn
FILE: INP01ROW.IPF JobRow.gpk

USER NAME = RTS
PLOT SCALE = 40.0000' / in.
PLOT DATE = 05/01/2015

DESIGNED - RTS
DRAWN - RTS
CHECKED - PCF
DATE - 05/01/2015

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

R O W PLANS

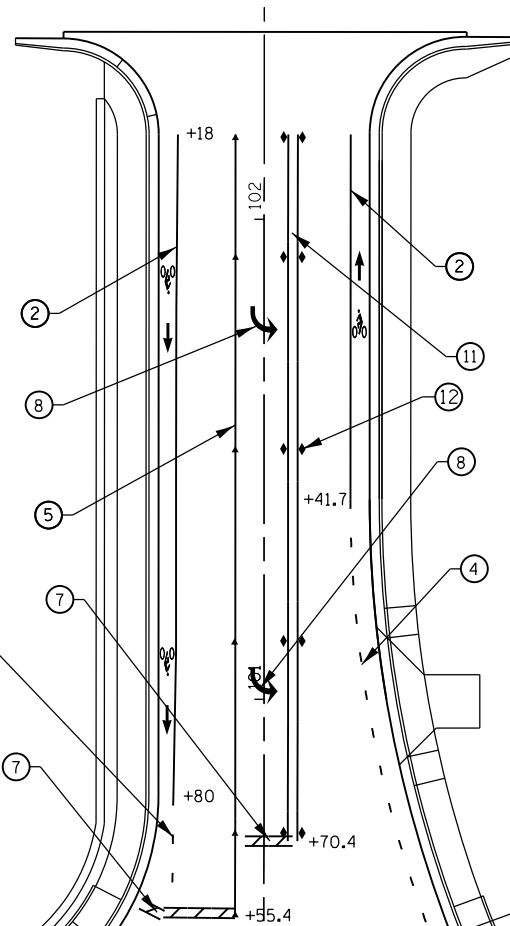
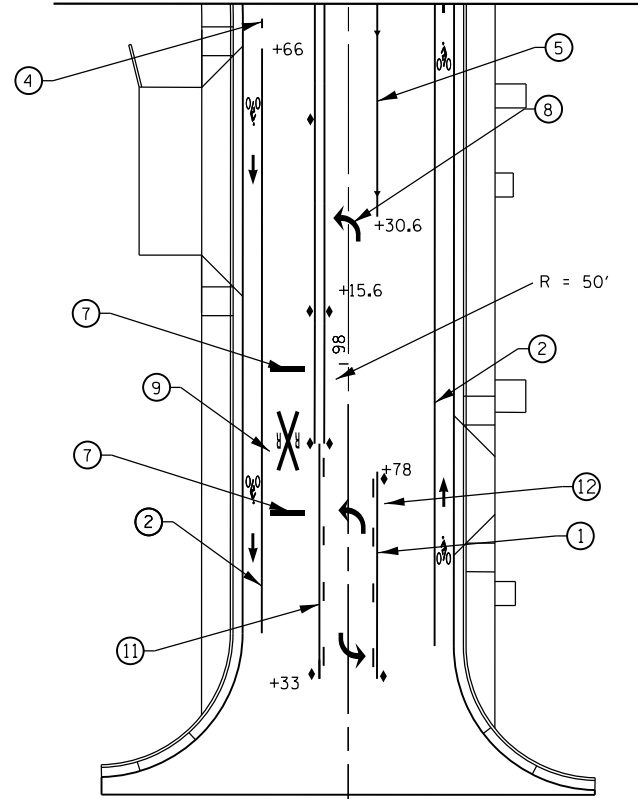
SCALE: 1"=20' SHEET 02 OF 02 SHEETS STA. 100+60.17 TO STA. 97+27.21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317/630	(129.20N)	FULTON	89	41
CONTRACT NO. 68B45				

FOR OLD R.O.W. SEE PLANFILE 10 SHEET 16

ILLINOIS FED. AID PROJECT

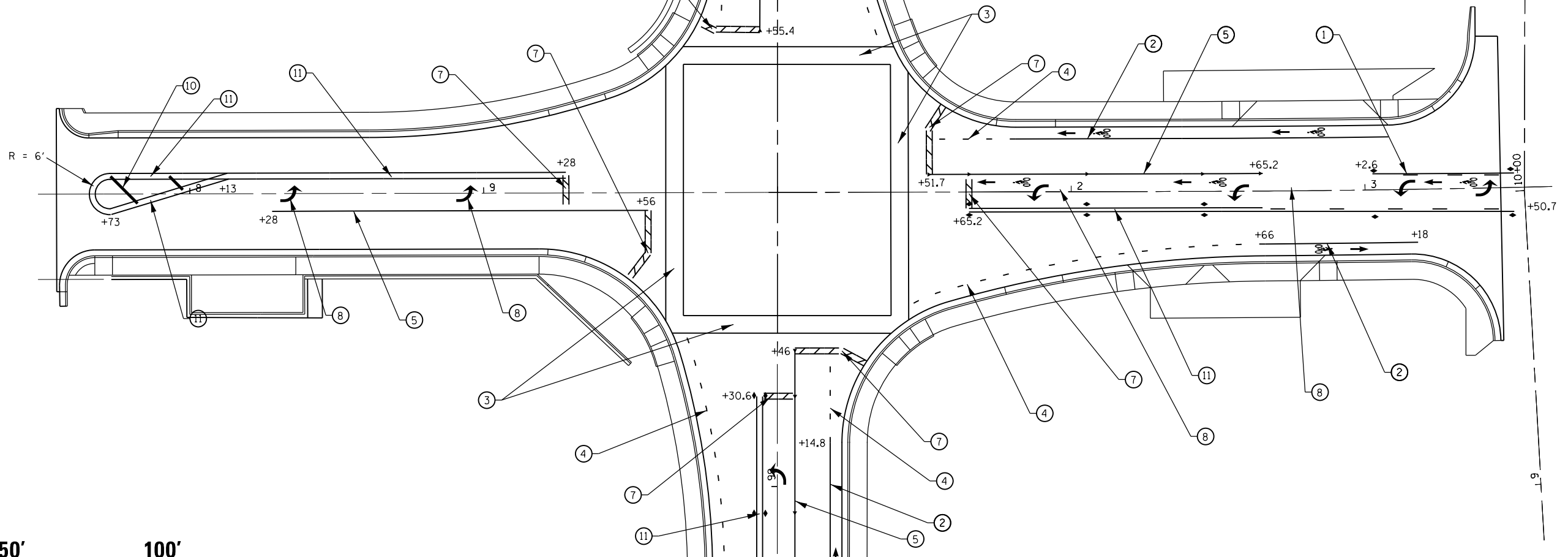
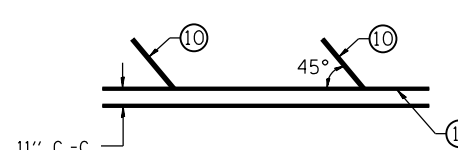
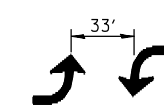
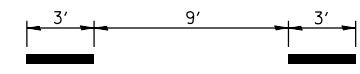
MATCH LINE 98+75



TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4" Solid (Yellow)
- ② 4" Solid (White)
- ③ 2-8" Crosswalk @ 6'-6" min C.-C. (White)
- ④ 4" Skip-Dash (White)
- ⑤ 8" Solid (White)
- ⑥ 12(300) Diagonal (White)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Symbols - Arrows
- ⑨ Letters & Symbols - Railroad
- ⑩ 12" Diagonal (Yellow)
- ⑪ 4" Double Solid (Yellow)
- ⑫ Raised Reflective Pavement Markers



MATCH LINE 98+75

FILE NAME = D468B45-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROP PAVEMENT MARKINGS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	FULTON	89	42
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -								CONTRACT NO. 68B45		
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT		

CONSTRUCTION NOTES

1. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
2. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
3. THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
4. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
5. ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
6. THE #18 3-PAIR TWISTED/SHIELDED CABLE SHALL HAVE THE SAME SLACK AS OTHER SIGNAL CABLE AND WILL BE MEASURED FOR PAYMENT.
7. ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF LEAD-INS.
8. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
9. THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE EXISTING PAVEMENT, MILLED SURFACE, OR BINDER COURSE BEFORE THE FINAL OVERLAY. THE RISER AREA SHALL BE CHIPPED OUT AND FILLED WITH EPOXY. THIS WORK SHALL BE INCLUDED IN PRICE FOR DETECTOR LOOPS.
10. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR VERIFICATION OF DETECTOR PLACEMENT BEFORE INSTALLATION.
11. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
12. THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
13. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
14. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
15. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
16. THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD.
17. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION.
18. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
19. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
20. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING DEPARTMENT LIGHTING AND TRAFFIC SIGNAL FACILITIES. THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE.
22. THE COST OF ADJUSTING THE DETECTOR LOOP RISERS FOR THE PROPOSED DETECTOR LOOPS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE DETECTOR LOOP PAY ITEM.
23. THE CONTRACTOR SHALL RELOCATE ALL EXISTING SIGNS (STREET NAME, ROUTE MARKER, REGULATORY, ETC.) FROM THE EXISTING MAST ARMS AND TRAFFIC SIGNAL POSTS TO TO PROPOSED TRAFFIC SIGNAL STRUCTURES. THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED TRAFFIC SIGNAL POSTS AND MAST ARMS.
24. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 TO OBTAIN APPROVAL FOR ALL MAST ARM AND TRAFFIC SIGNAL POST FOUNDATION LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ALL COSTS REQUIRED TO REMOVE OR RELOCATE FACILITIES THAT WERE CONSTRUCTED WITHOUT OBTAINING LOCATION APPROVAL.

**TRAFFIC SIGNAL AND OVERHEAD LIGHTING SCHEDULE OF QUANTITIES
US 24/IL 97 (AVE. E) & US 24-IL 97/IL 100 (MAIN ST.) - LEWISTOWN**

ITEM DESCRIPTION	UNIT	TOTAL QTY.	TRAFFIC SIGNALS	OVERHEAD LIGHTING
SERVICE INSTALLATION, TYPE B	EACH	1.0	1.0	
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	88.0	88.0	
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	219.0	219.0	
UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	125.0	125.0	
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3.0	3.0	
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1.0	1.0	
ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6	FOOT	924.0	36.0	888.0
MASTER CONTROLLER (SPECIAL)	EACH	1.0	1.0	
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	2021.0	2021.0	
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	627.0	627.0	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	499.0	499.0	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	435.0	435.0	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1.0	1.0	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1.0	1.0	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	3.0	3.0	
CONCRETE FOUNDATION, TYPE A	FOOT	3.0	3.0	
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	52.0	52.0	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4.0	4.0	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4.0	4.0	
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	4.0	4.0	
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	8.0	8.0	
INDUCTIVE LOOP DETECTOR	EACH	8.0	8.0	
INDUCTION LOOP DETECTOR AMPLIFIER (SPECIAL)	EACH	4.0	4.0	
DETECTOR LOOP, TYPE I	FOOT	1627.0	1627.0	
PEDESTRIAN PUSH-BUTTON	EACH	8.0	8.0	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0	1.0	
REMOVE EXISTING HANDHOLE	EACH	4.0	4.0	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6.0	6.0	
PHOTOCCELL RELAY	EACH	1.0		1.0
CAT 5 ETHERNET CABLE	FOOT	166.5	166.5	
CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED	EACH	1.0	1.0	
LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	4.0		4.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1.0	1.0	
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1.0	1.0	

NOT TO SCALE
TRAFFIC SIGNALS
SHEET 1 OF 9

FILE NAME = D468B45-sh-t-plan.dgn	USER NAME = aubreugs	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL CONSTRUCTION NOTES AND SCHEDULE OF QUANTITIES	F.A.P. RTE. 317A/662	SECTION (129,20)N	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 43
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 68B45				
	PLOT DATE = 5/3/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	STA. TO STA.			

REMOVE EXISTING HANDHOLE - QTY. 4.0 EA.	
QTY.	LOCATIONS
1.0 EA.	HH-1, HH-2, HH-3, HH-4

REMOVE EXISTING CONCRETE FOUNDATIONS - QTY. 6.0 EA.	
QTY.	LOCATIONS
1.0 EA.	MA-1, MA-2, MA-3, MA-4, TS-1, CONTROLLER

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY. 1 EACH (INCLUDES ALL ITEMS LISTED BELOW)

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

QTY.	ITEM
2.0	STEEL MAST ARM ASSEMBLY AND POLE
2.0	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
1.0	TRAFFIC SIGNAL POST AND BASE, GALVS, 14 FT.
4.0	PEDESTRIAN SIGNAL HEAD, 2-FACE, 1-SECTION, BRACKET MOUNTED
8.0	SIGNAL HEAD, 1-FACE, 3-SECTION WITH BACKPLATE, MAST ARM MOUNTED
2.0	LUMINAIRE
1.0	ELECTRIC SERVICE
ALL	ELECTRIC CABLE (NOT BEING USED IN PROPOSED INSTALLATION)

THE FOLLOWING ITEMS SHALL REMAIN THE PROPERTY OF IDOT AND SHALL BE DELIVERED TO THE IDOT TRAFFIC BUILDING LOCATED AT 1025 W. DETWEILLER DR., PEORIA

QTY.	ITEM
1.0	TRAFFIC SIGNAL CONTROLLER CABINET

SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QUANTITY
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING CONCRETE FOUNDATIONS	EACH	6.0
REMOVE EXISTING HANDHOLE	EACH	4.0

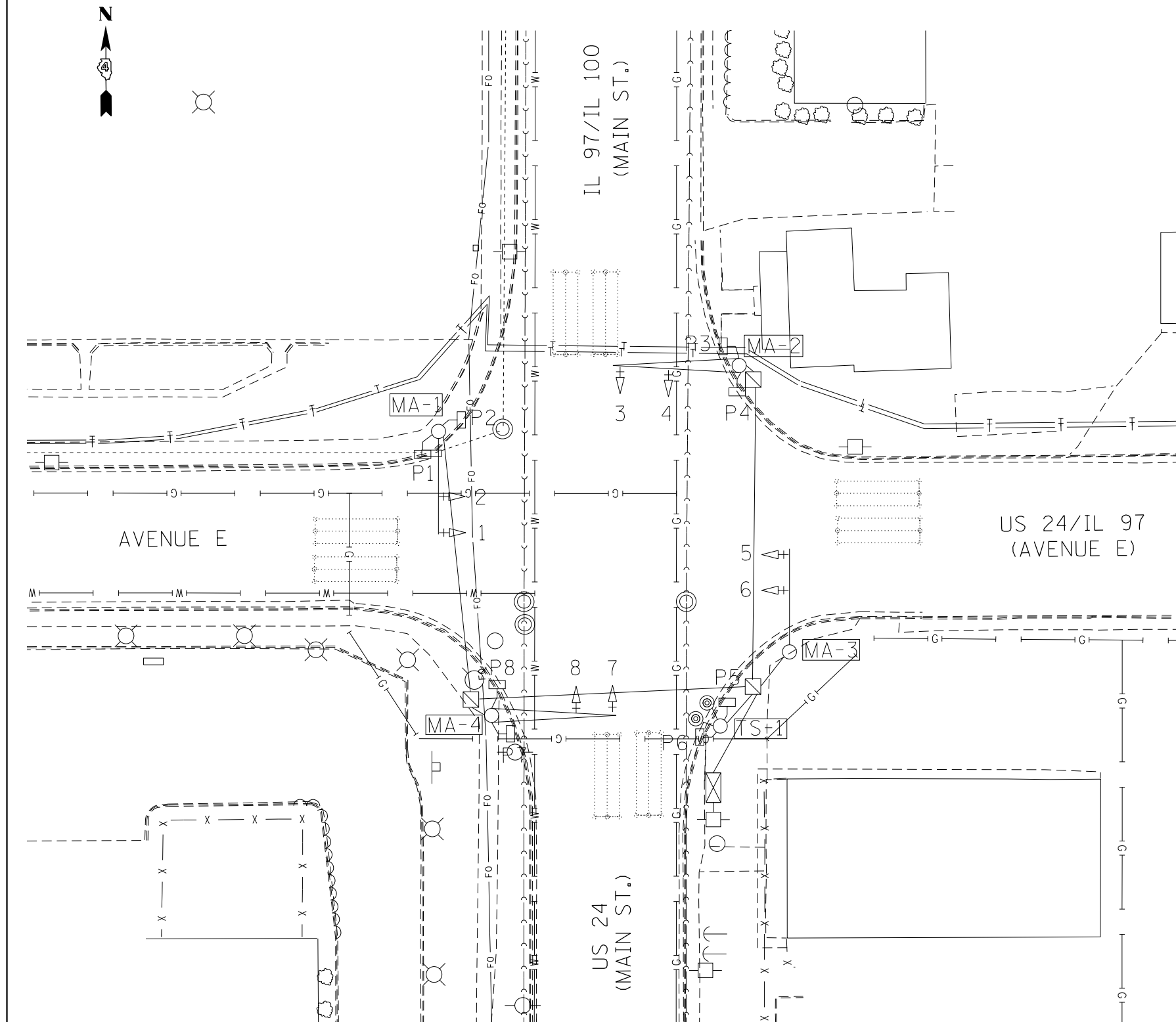
EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

1. THE REMOVAL ITEMS ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL REMOVAL ITEMS PRIOR TO BIDDING.
2. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE TEMPORARY TRAFFIC SIGNALS.
3. ANY MAINTENANCE OF THE EXISTING SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
4. FULL DEPTH SAW CUTS SHALL BE REQUIRED AT ALL REMOVAL LIMITS. IF THE CONTRACTOR REMOVES OR DAMAGES THE EXISTING SIDEWALK OR BITUMINOUS SURFACE OUTSIDE THE REMOVAL LIMITS DESIGNATED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE AND/OR REPLACE THAT PORTION AT THE CONTRACTOR'S EXPENSE.

EXISTING TRAFFIC SIGNAL LEGEND

- ☐ EX. HANDHOLE
- EX. CONDUIT
- ▭ EX. DETECTOR LOOP (6' X 50' QUAD)
- ▭ EX. DETECTOR LOOP (6' X 6')
- ☒ EX. CONTROLLER CABINET
- ⊞ EX. BATTERY BACKUP SYSTEM
- ⊞ EX. ELECTRICAL SERVICE
- ⤴ EX. TRAFFIC SIGNAL HEAD
- ⤴ EX. TRAFFIC SIGNAL HEAD W/ BACKPLATE
- ⤴ EX. STL MAST ARM ASSEMBLY AND POLE

NOT TO SCALE
TRAFFIC SIGNALS
SHEET 2 OF 9

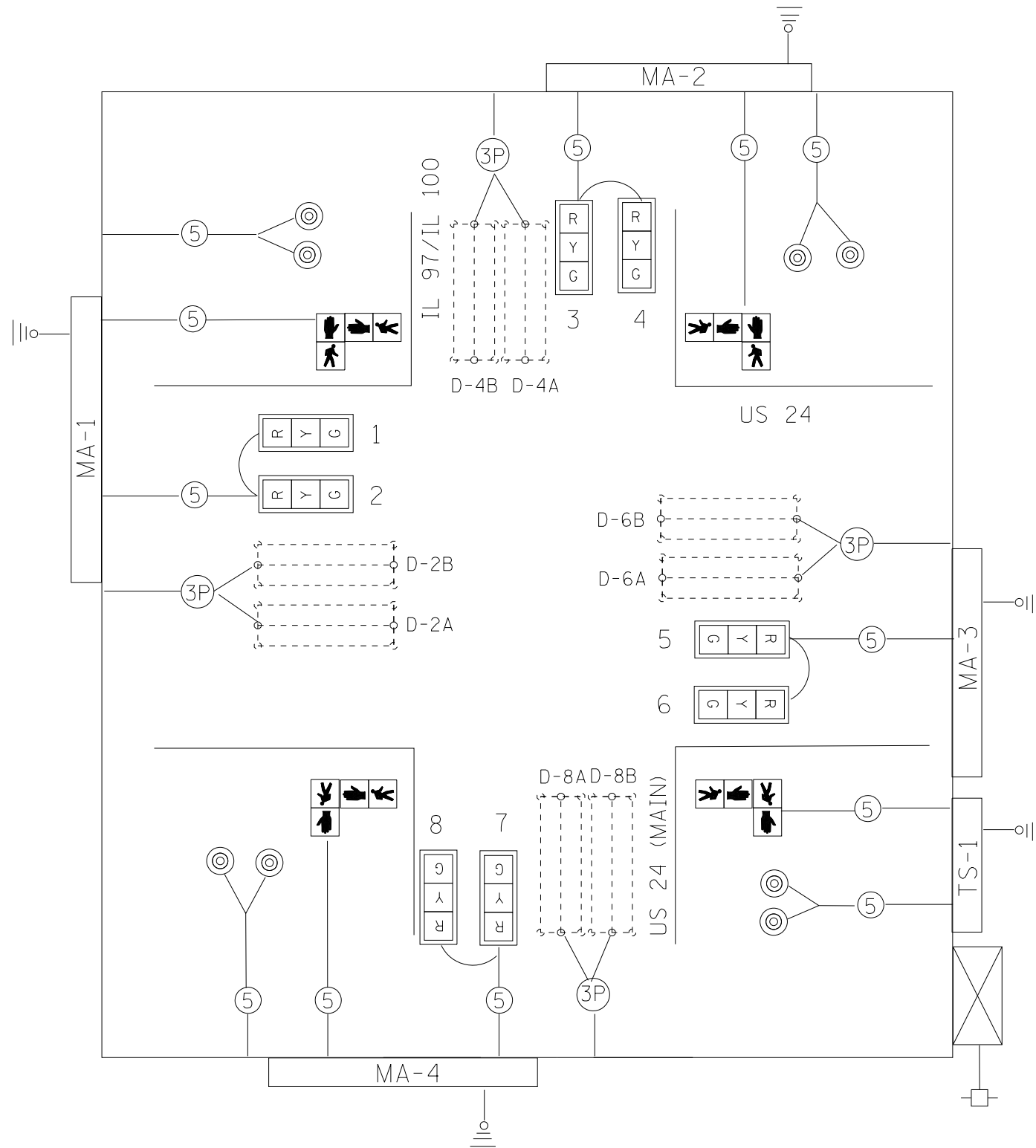


FILE NAME = D468B45-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/3/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNALS AND REMOVAL PLAN	
US 24/IL 97 & US 24 /IL 97/100 (MAIN ST.) - LEWISTOWN	
SCALE:	STA. TO STA.

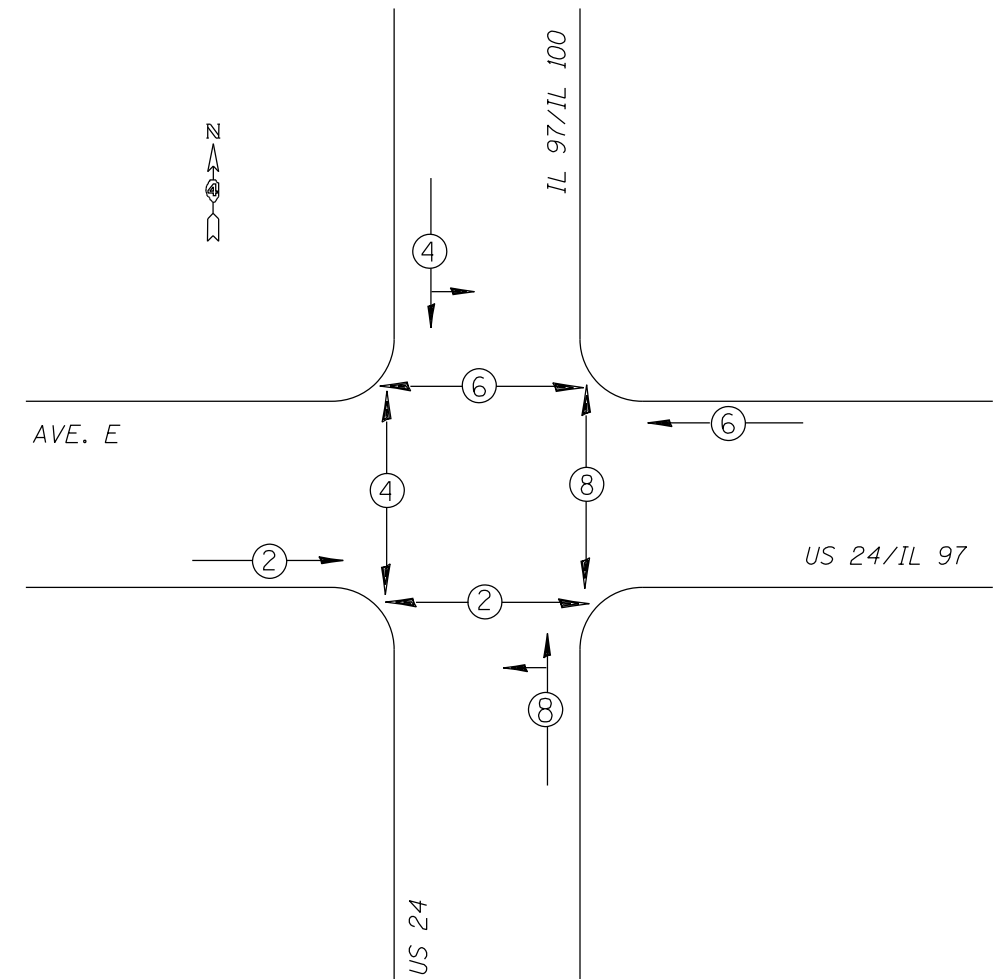
F.APP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317A/662	(129,20)N	FULTON	89	44
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNALS LEGEND

EXISTING PHASE DIAGRAM

NAME OF INTERSECTION US 24/IL 97 & US 24/IL 97/IL 100 & AVE. E
 EXISTING CONTROLLER: ECONOLITE ASC/2S (TS-2 TYPE 2) IN
TYPE III CABINET, TS-2 BACKPANEL, 12 POSITION LOAD BAY

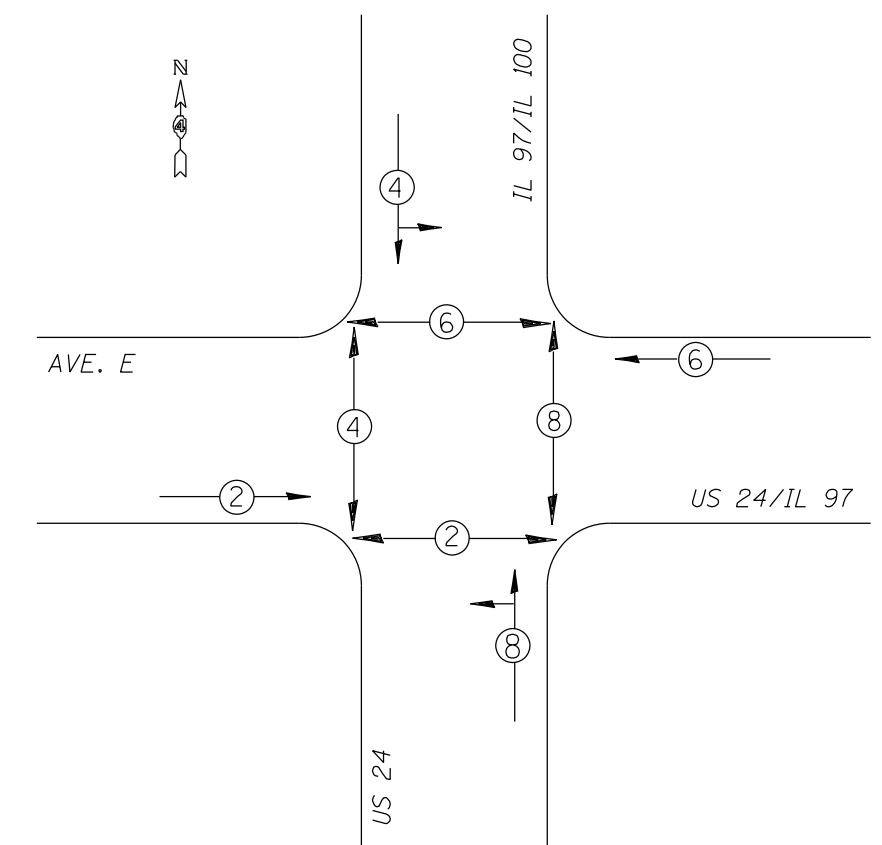


- | | | | | | |
|--|------------------------------------|--|------------------------------|--|--------------------------------|
| | EX. CONTROLLER (SIGNAL) | | #18 3-PR DETECTOR LOOP CABLE | | EX. PEDESTRIAN PUSH-BUTTON |
| | EX. 3 SEC. SIGNAL HEAD W/BACKPLATE | | 5/C NO. 14 SIGNAL CABLE | | EX. DETECTOR LOOP (QUADRAPOLE) |
| | EX. 3 SEC. SIGNAL HEAD | | 7/C NO. 14 SIGNAL CABLE | | EX. SERVICE INSTALLATION |
| | EX. PEDESTRIAN SIGNAL HEAD | | | | EX. GROUND/SAFETY BOND |

NOT TO SCALE
 TRAFFIC SIGNALS
 SHEET 3 OF 9

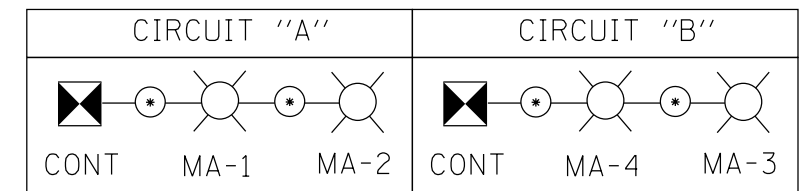
PROPOSED PHASE DIAGRAM

NAME OF INTERSECTION US 24/IL 97 & US 24/IL 97/IL 100 & AVE. E
 PROPOSED CONTROLLER: TS-2 TYPE 2 IN TYPE IV CABINET
 TS-2 BACKPANEL, 16 POSITION LOAD BAY

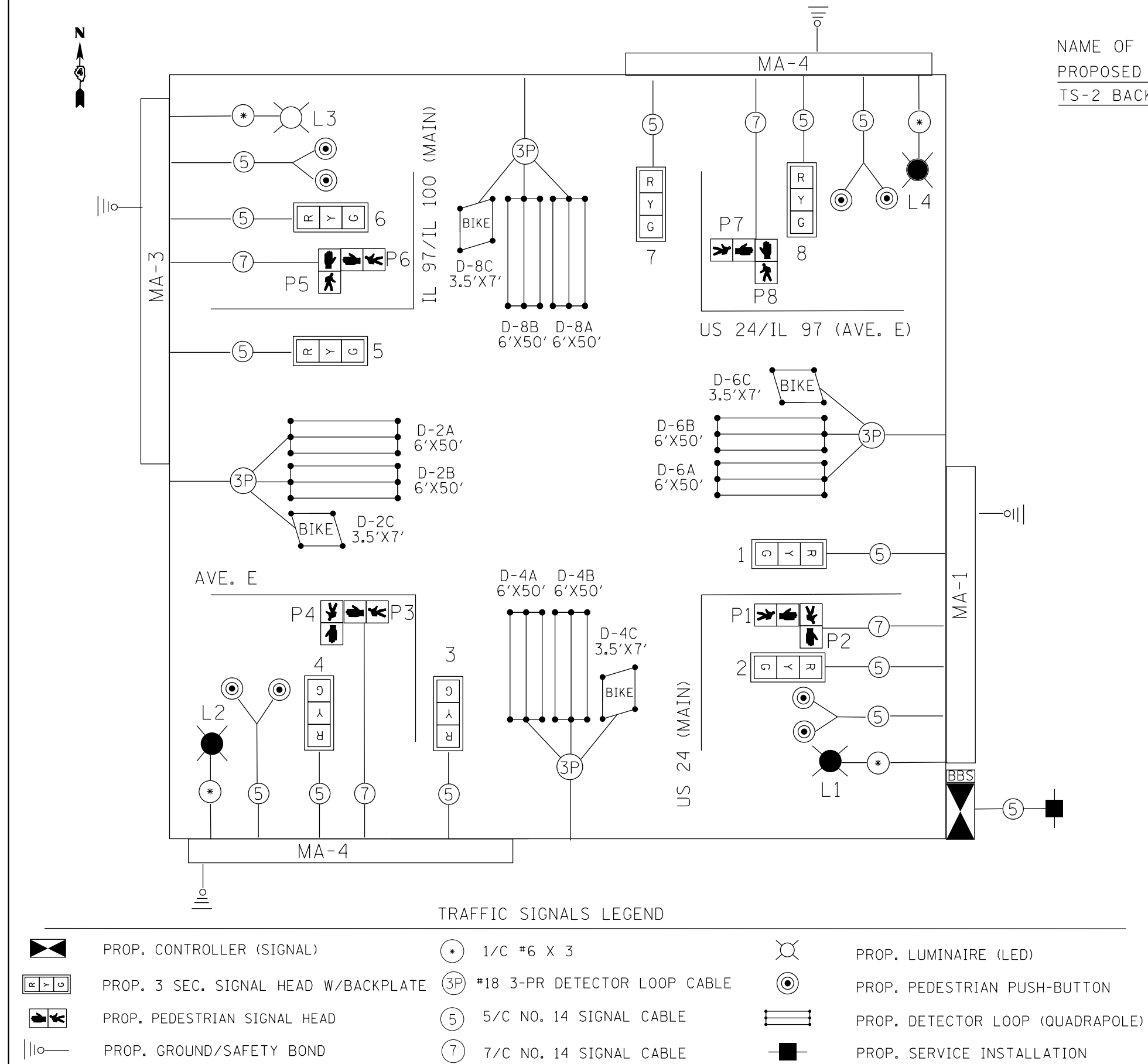


ALL TRAFFIC SIGNAL MAST ARMS, CONTROLLER CABINETS, HANDHOLES (LIDS AND FRAMES), AND EXPOSED METALLIC CONDUITS SHALL BE GROUNDED AND SAFETY BONDED IN ACCORDANCE WITH NEC REQUIREMENTS.

LUMINAIRE WIRING DIAGRAM

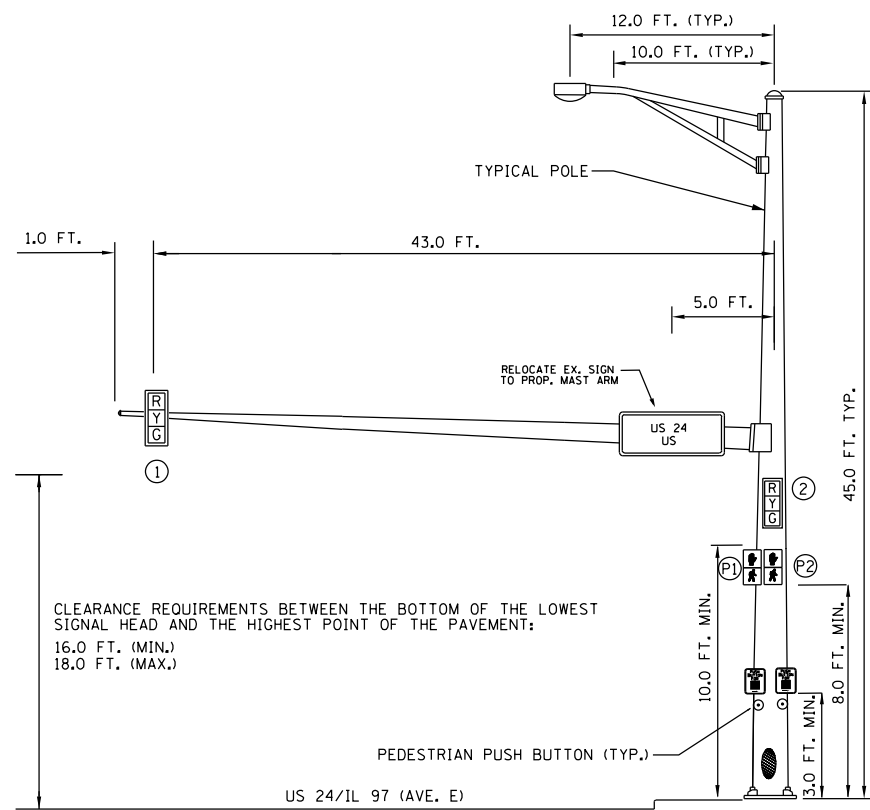


NOT TO SCALE
 TRAFFIC SIGNALS
 SHEET 5 OF 9

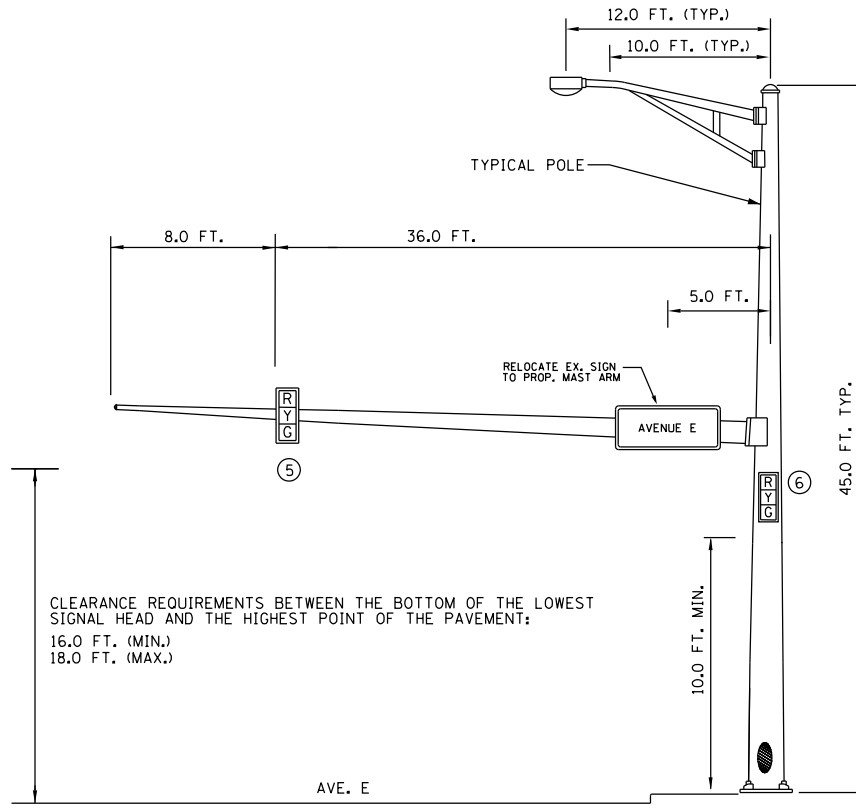


TRAFFIC SIGNALS LEGEND

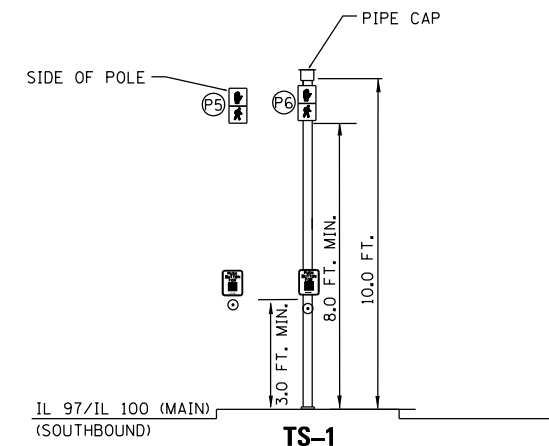
- PROP. CONTROLLER (SIGNAL)
- PROP. 3 SEC. SIGNAL HEAD W/BACKPLATE
- PROP. PEDESTRIAN SIGNAL HEAD
- PROP. GROUND/SAFETY BOND
- 1/C #6 X 3
- #18 3-PR DETECTOR LOOP CABLE
- 5/C NO. 14 SIGNAL CABLE
- 7/C NO. 14 SIGNAL CABLE
- PROP. LUMINAIRE (LED)
- PROP. PEDESTRIAN PUSH-BUTTON
- PROP. DETECTOR LOOP (QUADRAPOLE)
- PROP. SERVICE INSTALLATION



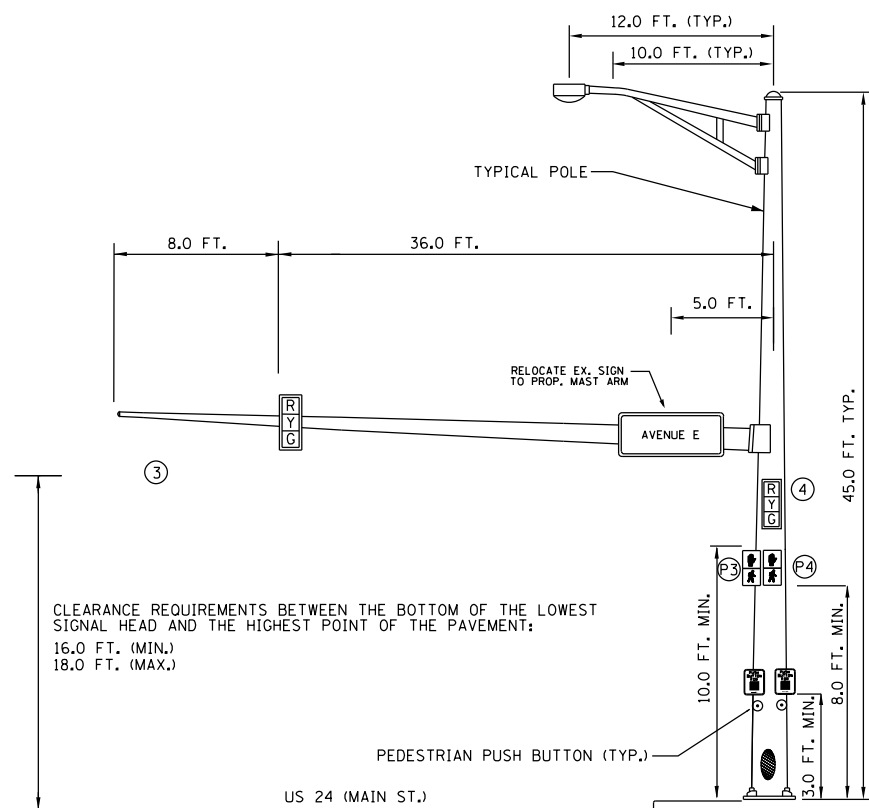
EASTBOUND TRAFFIC SIGNAL
SOUTHEAST CORNER OF US 24/IL 97 & US 24/IL 97/IL 100 & AVE. E



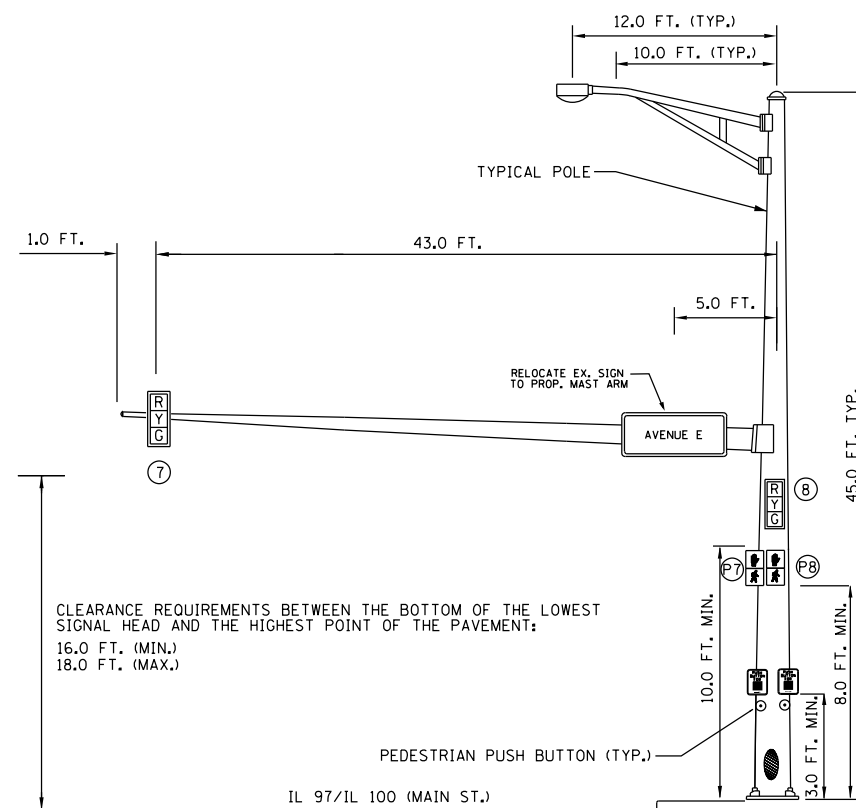
WESTBOUND TRAFFIC SIGNAL
NORTHWEST CORNER OF US 24/IL 97 & US 24/IL 97/IL 100 & AVE. E



TRAFFIC SIGNAL POST
NORTHWEST CORNER OF US 24/IL 97 & US 24/IL 97/IL 100 & AVE. E



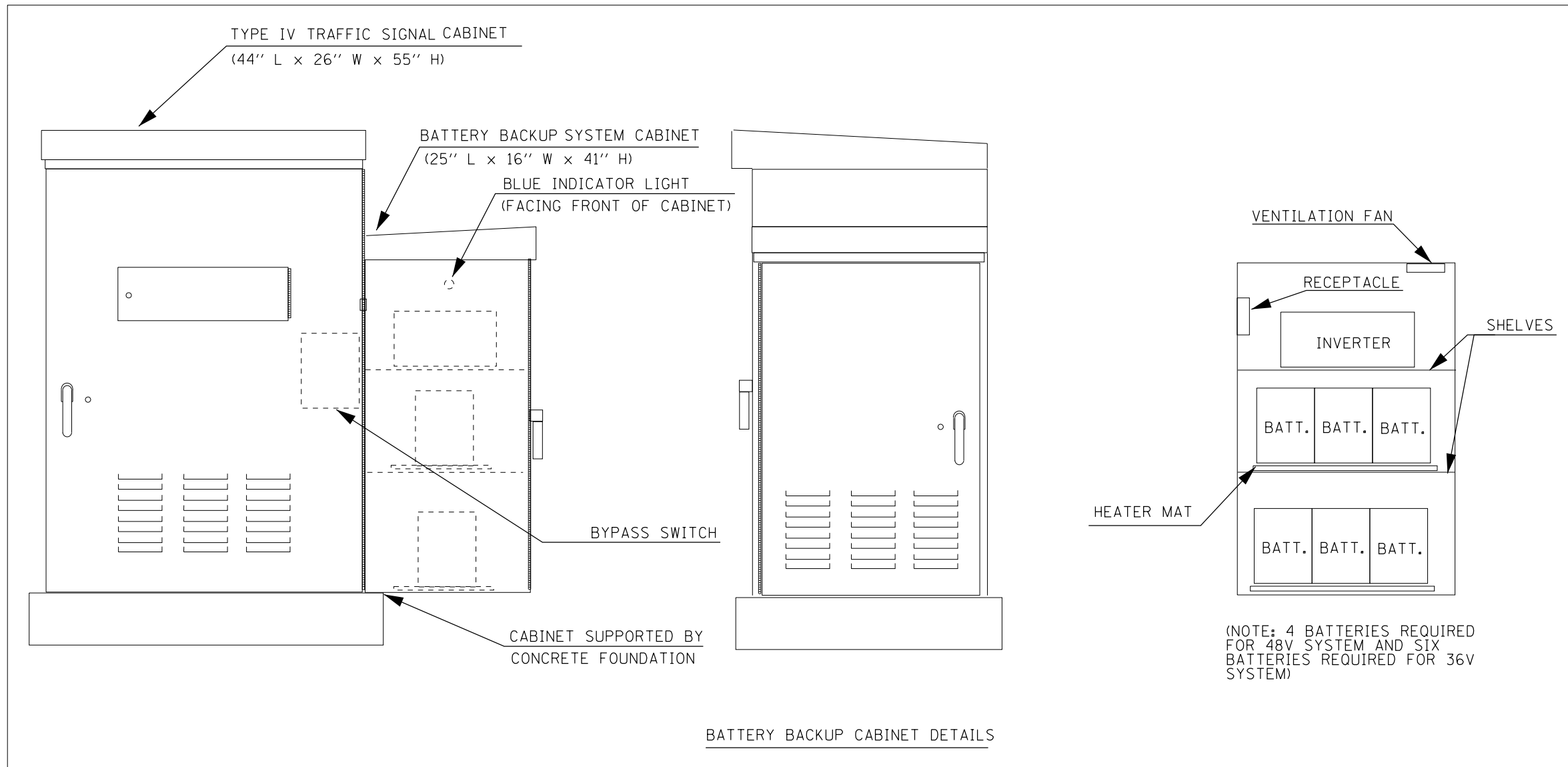
SOUTHBOUND TRAFFIC SIGNAL
SOUTHWEST CORNER OF US 24/IL 97 & US 24/IL 97/IL 100 & AVE. E



NORTHBOUND TRAFFIC SIGNAL
NORTHEAST CORNER OF US 24/IL 97 & US 24/IL 97/IL 100 & AVE. E

NOT TO SCALE
 TRAFFIC SIGNALS
 SHEET 6 OF 9

FILE NAME = D468B45-sh-t-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAST ARM LOADING DETAIL			F.APP. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		US 24/IL 97 & US 24 /IL 97/100 (MAIN ST.) - LEWISTOWN			317A/662	(129,20)N	FULTON	89	48
		PLOT SCALE = 48.0000' / in.	CHECKED -		REVISED -	SCALE:	STA.	TO STA.	CONTRACT NO. 68B45			
		PLOT DATE = 5/3/2016	DATE -		REVISED -	ILLINOIS FED. AID PROJECT						

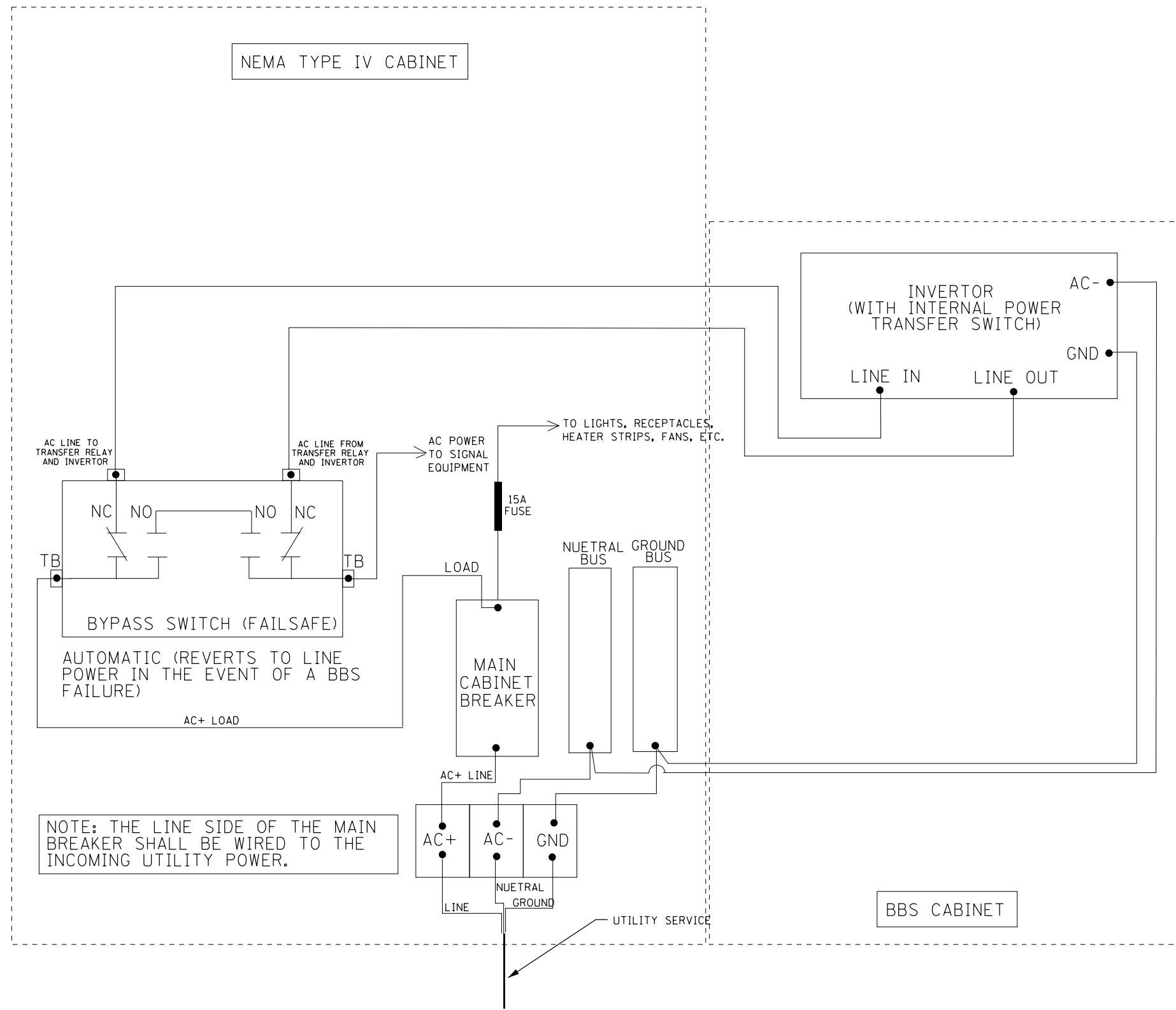


NOTES

1. THE BATTERY BACKUP SYSTEM CABINET SHALL BE A NEMA TYPE 3R CABINET WITH MINIMUM OUTSIDE DIMENSIONS OF 41" (H) X 25" (W) X 16" (D). THE CABINET SHALL BE EQUIPPED WITH A THREE POINT LATCHING MECHANISM, TWO SHELVES, THERMOSTATICALLY CONTROLLED VENTILATION FAN, AND A POWER RECEPTACLE. THE CABINET SHALL BE MOUNTED TO THE SIDE OF THE PROPOSED TYPE IV CABINET WITH THE BOTTOM OF THE CABINET SUPPORTED BY THE CONCRETE FOUNDATION.
2. ALL CABINET LIGHTS, HEATER STRIPS, VENTILATION FANS, AND SERVICE RECEPTACLES SHALL BE BYPASSED WHEN THE BATTERY BACKUP UNIT IS OPERATING IN BATTERY MODE.
3. THE BATTERY BACKUP UNITS CONTACTS SHALL BE WIRED TO PROVIDE LOCAL CONTROLLER ALARMS (AS AVAILABLE IN THE PROPOSED CABINETS).
4. THE BYPASS SWITCH SHALL BE AUTOMATIC AND SHALL BE INSTALLED IN THE BBS CABINET.

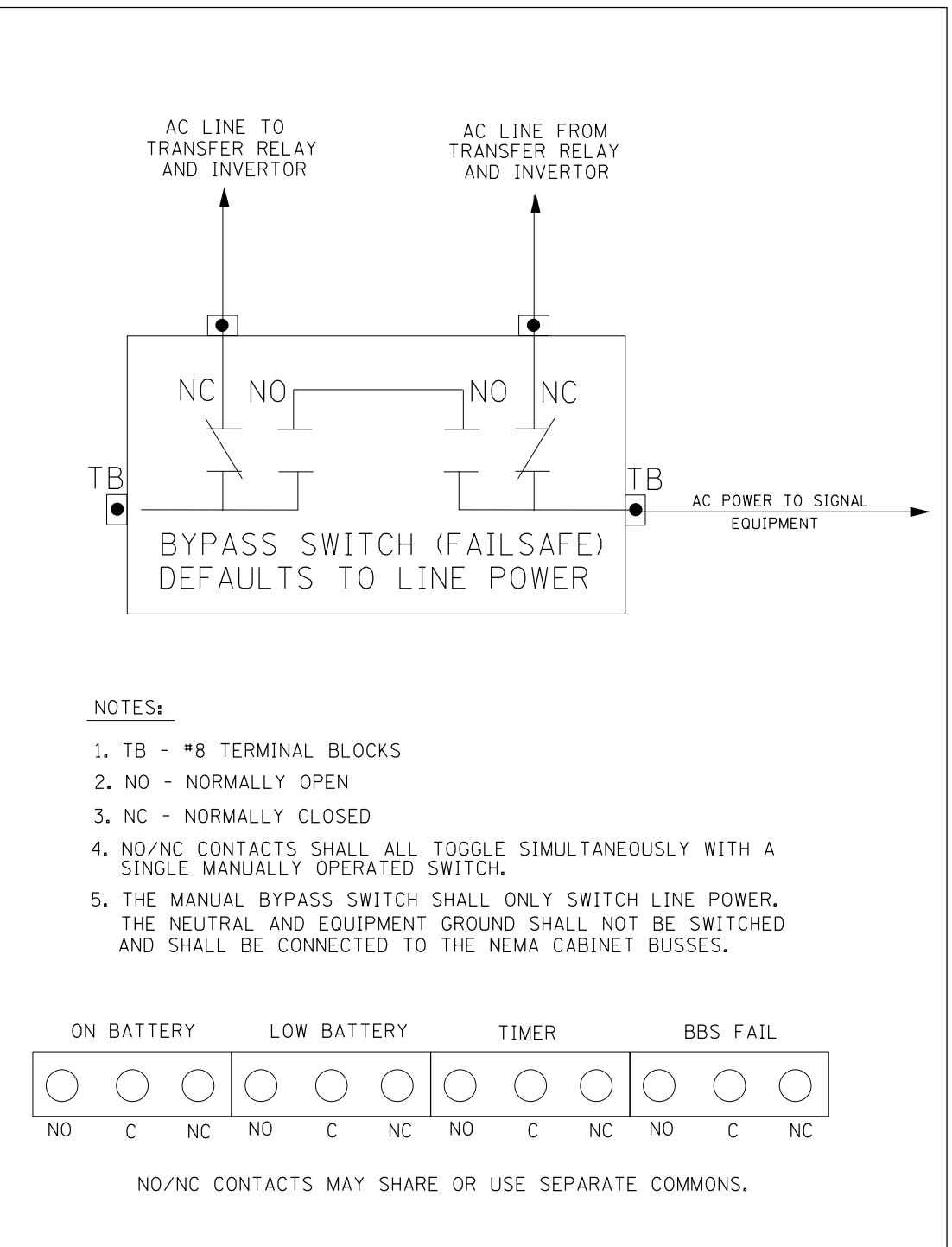
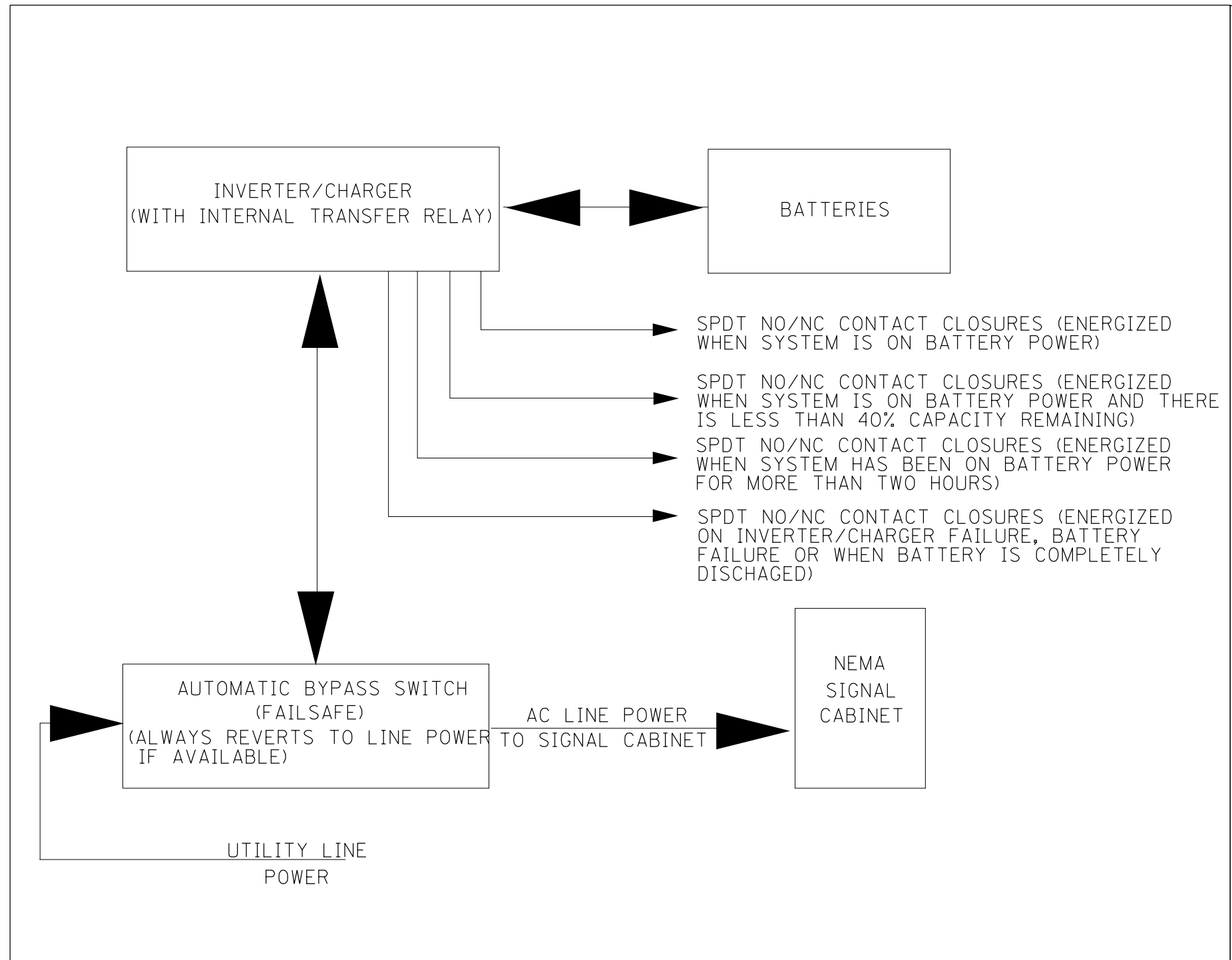
NOT TO SCALE
TRAFFIC SIGNALS
SHEET 7 OF 9

FILE NAME = D468B45-sh-t-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BATTERY BACKUP SYSTEM CABINET DETAIL	F.APP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			317A/662	(129,20)N	FULTON	89	49	
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -			CONTRACT NO. 68B45					
		DATE -	REVISED -			SCALE:	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



NOT TO SCALE
TRAFFIC SIGNALS
SHEET 8 OF 9

FILE NAME = D468B45-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BATTERY BACKUP SYSTEM CABINET WIRING DIAGRAM	F.APP. RTE. = 317A/662	SECTION = (129,20)N	COUNTY = FULTON	TOTAL SHEETS = 89	SHEET NO. = 50		
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 68B45						
	PLOT DATE = 5/3/2016	DATE -	REVISED -			SCALE:	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

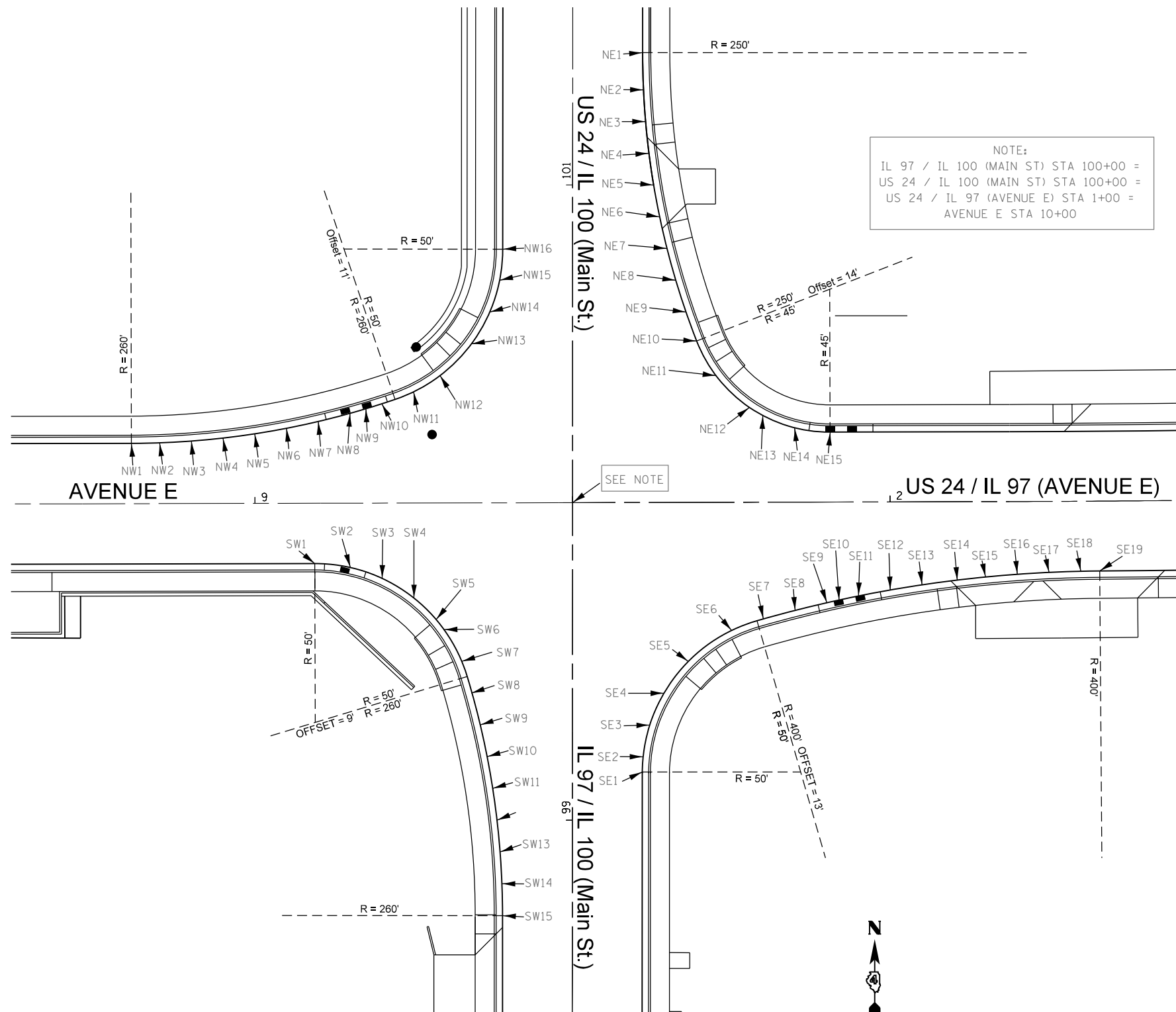


NOT TO SCALE
TRAFFIC SIGNALS
SHEET 9 OF 9

FILE NAME = D468B45-sht-plan.dgn	USER NAME = aubreys	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BATTERY BACKUP SYSTEM BLOCK AND BYPASS SWITCH DIAGRAMS	F.APP. RTE. = 317A/662	SECTION (129,20)N	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 51		
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	SCALE:			STA.	TO STA.	CONTRACT NO. 68B45				
PLOT DATE = 5/3/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

POINT #	STATION	OFFSET	ELEVATION
NW1	8+61.15	19.00' LT	590.27
NW2	8+70	19.15' LT	590.22
NW3	8+80	19.68' LT	590.16
NW4	8+90	20.61' LT	590.07
NW5	9+00	21.92' LT	589.95
NW6	9+10	23.63' LT	589.82
NW7	9+20	25.75' LT	589.67
NW8	9+30	28.28' LT	589.51
NW9	9+35	29.71' LT	589.38
NW10	9+40	31.25' LT	589.4
NW11	9+50	34.99' LT	589.43
NW12	9+58.38	40.12' LT	589.46
NW12	100+40	41.73' LT	589.46
NW13	100+50	31.85' LT	589.73
NW14	100+60	26.09' LT	589.96
NW15	100+70	22.97' LT	590.11
NW16	100+79.86	22.00' LT	590.22

POINT #	STATION	OFFSET	ELEVATION
SW1	9+18.8	19' RT	589.49
SW2	9+30	20.27' RT	589.34
SW3	9+40	23.72' RT	589.17
SW4	9+50	29.93' RT	589.08
SW5	9+56.98	36.71' RT	589.03
SW5	99+63.16	42.91' LT	589.03
SW6	99+60	40.43' LT	589.01
SW7	99+50	34.85' LT	588.97
SW8	99+40	31.86' LT	588.93
SW9	99+30	29.03' LT	588.89
SW10	99+20	26.86' LT	588.85
SW11	99+10	25.60' LT	588.81
SW12	99+00	23.74' LT	588.77
SW13	98+90	22.77' LT	588.73
SW14	98+80	22.19' LT	588.67
SW15	98+69.95	22' LT	588.61



POINT #	STATION	OFFSET	ELEVATION
NE1	101+41.69	22.00' RT	591.01
NE2	101+30	22.27' RT	590.86
NE3	101+20	22.94' RT	590.72
NE4	101+10	24.02' RT	590.57
NE5	101+00	25.50' RT	590.42
NE6	100+90	27.40' RT	590.24
NE7	100+80	29.73' RT	590.08
NE8	100+70	32.50' RT	589.90
NE9	100+60	35.72' RT	589.75
NE10	100+50	39.43' RT	589.60
NE11	100+40	45.17' RT	589.40
NE12	100+30	55.72' RT	589.10
NE12	1+55.81	29.84' LT	589.10
NE13	1+60	27.30' LT	589.04
NE14	1+70	23.41' LT	588.92
NE15	1+81.19	22.00' LT	588.79

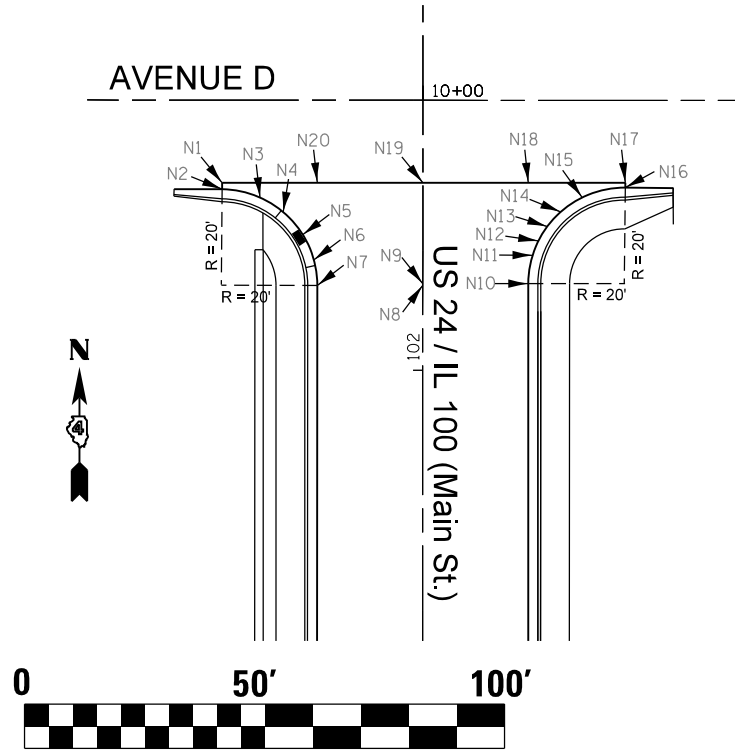
POINT #	STATION	OFFSET	ELEVATION
SE1	99+14.81	22.00' RT	588.90
SE2	99+20	22.27' RT	588.93
SE3	99+30	24.36' RT	588.96
SE4	99+40	30.16' RT	588.90
SE5	99+50	36.48' RT	588.81
SE5	1+36.34	50.10' RT	588.81
SE6	1+50	40.38' RT	588.67
SE7	1+60	36.76' RT	588.55
SE8	1+70	34.10' RT	588.49
SE9	1+80	31.71' RT	588.44
SE10	1+83.86	30.86' RT	588.42
SE11	1+90	29.59' RT	588.44
SE12	2+00	27.73' RT	588.50
SE13	2+10	26.14' RT	588.59
SE14	2+21.19	24.81' RT	588.63
SE15	2+30	23.73' RT	588.62
SE16	2+40	22.90' RT	588.60
SE17	2+50	22.33' RT	588.54
SE18	2+60	22.00' RT	588.47
SE19	2+65.95	22.00' RT	588.42

FILE NAME = D468B45-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

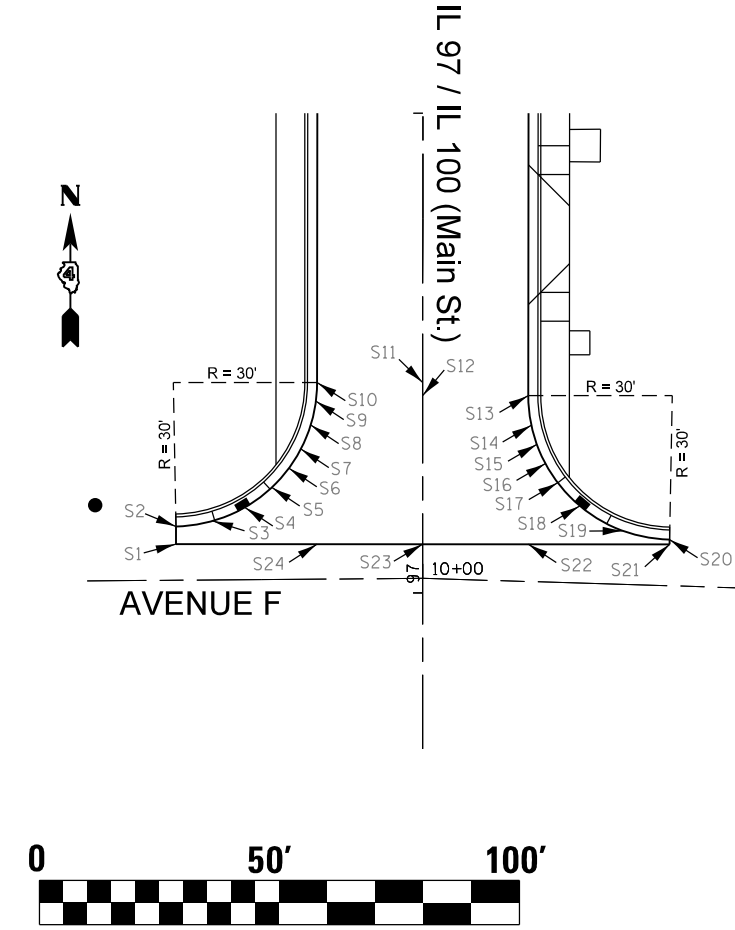
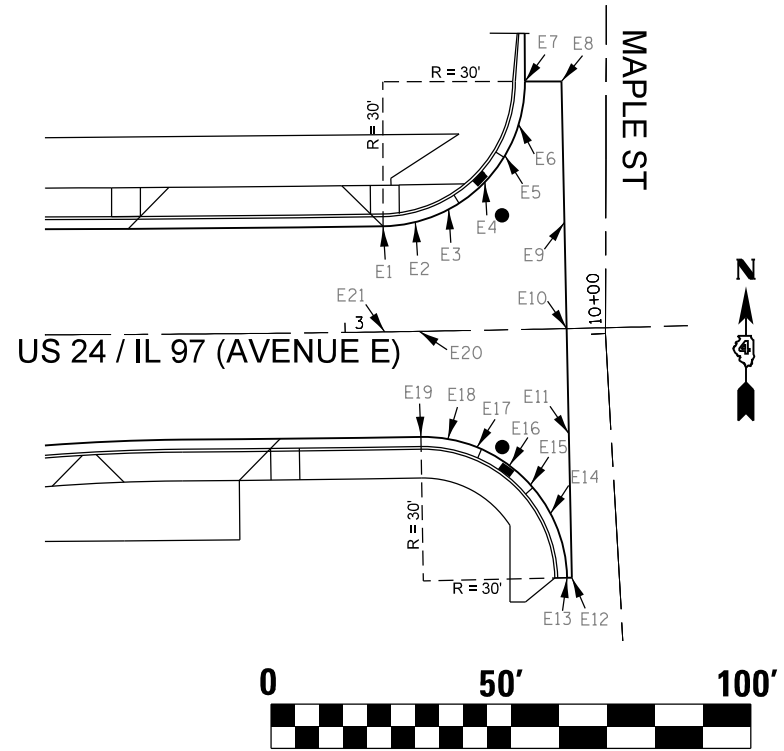
INTERSECTION GEOMETRY (SHEET 1 OF 3)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	52
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				



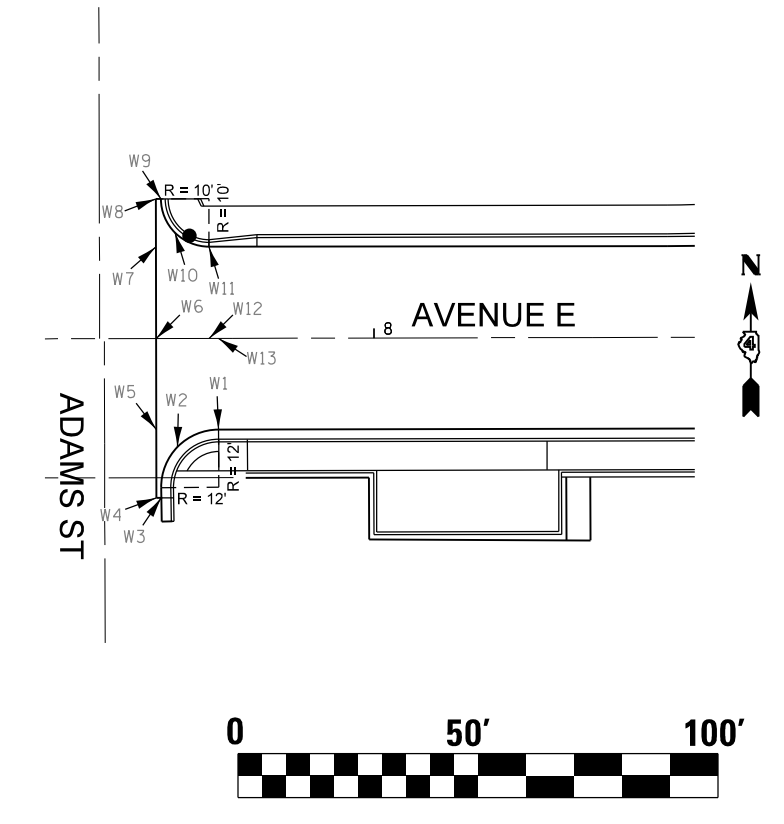
POINT #	STATION	OFFSET	ELEVATION
N1	102+39.05	41.85' LT	592.06
N2	102+37.70	41.85' LT	592.00
N3	102+36	33.93' LT	592.00
N4	102+33	29.12' LT	591.95
N5	102+28.26	25.01' LT	591.90
N6	102+23	22.71' LT	591.93
N7	102+17.70	22.00' LT	591.96
N8	102+17.70	0	592.29
N9	102+18.07	0	592.30
N10	102+18.07	22.00' RT	591.97
N11	102+24	22.90' RT	592.11
N12	102+27	24.10' RT	592.19
N13	102+30	25.95' RT	592.26
N14	102+33	28.72' RT	592.31
N15	102+36	33.19' RT	592.36
N16	102+38.07	42.18' RT	592.45
N17	102+39.07	42.18' RT	592.45
N18	102+39.07	22.0' RT	592.31
N19	102+39.07	0	592.50
N20	102+39.07	22.0' LT	592.06

POINT #	STATION	OFFSET	ELEVATION
E1	3+08.23	22.00' LT	588.12
E2	3+15	22.76' LT	587.96
E3	3+22	25.30' LT	587.78
E4	3+29.56	30.75' LT	587.56
E5	3+34	36.32' LT	587.72
E6	3+37	42.74' LT	587.89
E7	3+38.50	51.68' LT	588.10
E8	3+46.17	51.51' LT	588.34
E9	3+46.17	22.00' LT	587.66
E10	3+46.17	0	587.95
E11	3+46.17	22.00' RT	587.47
E12	3+46.17	51.92' RT	587.94
E13	3+45.17	51.92' RT	587.93
E14	3+42	38.44' RT	587.89
E15	3+38	32.41' RT	587.69
E16	3+33.68	28.27' RT	587.44
E17	3+27	24.35' RT	587.55
E18	3+21	22.53' RT	587.68
E19	3+15.45	22.00' RT	588.07
E20	3+15.45	0	588.40
E21	3+08.23	0	588.45



POINT #	STATION	OFFSET	ELEVATION
S1	97+10.18	51.40' LT	587.29
S2	97+13.85	51.40' LT	587.22
S3	97+15	43.76' LT	587.04
S4	97+17.80	37.01' LT	586.87
S5	97+22	31.44' LT	587.07
S6	97+26	27.89' LT	587.23
S7	97+30	25.39' LT	587.37
S8	97+35	23.33' LT	587.53
S9	97+40	22.25' LT	587.68
S10	97+43.85	22.00' LT	587.79
S11	97+43.85	0	588.12
S12	97+18	0	588.10
S13	97+18	22.00' RT	587.77
S14	97+35	22.64' RT	587.62
S15	97+31	23.78' RT	587.52
S16	97+27	25.56' RT	587.41
S17	97+23	28.13' RT	587.29
S18	97+18.17	32.74' RT	587.13
S19	97+13	41.70' RT	587.33
S20	97+11.18	51.43' RT	587.53
S21	97+10.18	51.43' RT	587.52
S22	97+10.18	22.00' RT	587.19
S23	97+10.18	0	587.74
S24	97+10.18	22.00' LT	587.01

POINT #	STATION	OFFSET	ELEVATION
W1	7+67.58	19.00' RT	591.10
W2	7+59	22.61' RT	590.81
W3	7+55.60	33.18' RT	590.48
W4	7+54.60	33.18' RT	590.52
W5	7+54.60	19.00' RT	591.00
W6	7+54.60	0	591.46
W7	7+54.60	19.00' LT	591.00
W8	7+54.60	29.10' LT	591.03
W9	7+55.68	29.10' LT	591.01
W10	7+58.61	22.04' LT	591.06
W11	7+65.67	19.0' LT	591.12
W12	7+65.58	0	591.40
W13	7+65.67	0	591.40



FILE NAME = D468B45-sh1-plan.dgn
Default

USER NAME = aubreys
PLOT SCALE = 48.0000' / in.
PLOT DATE = 5/3/2016

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GEOMETRY
(SHEET 2 OF 3)

SCALE: SHEET OF SHEETS STA. TO STA.

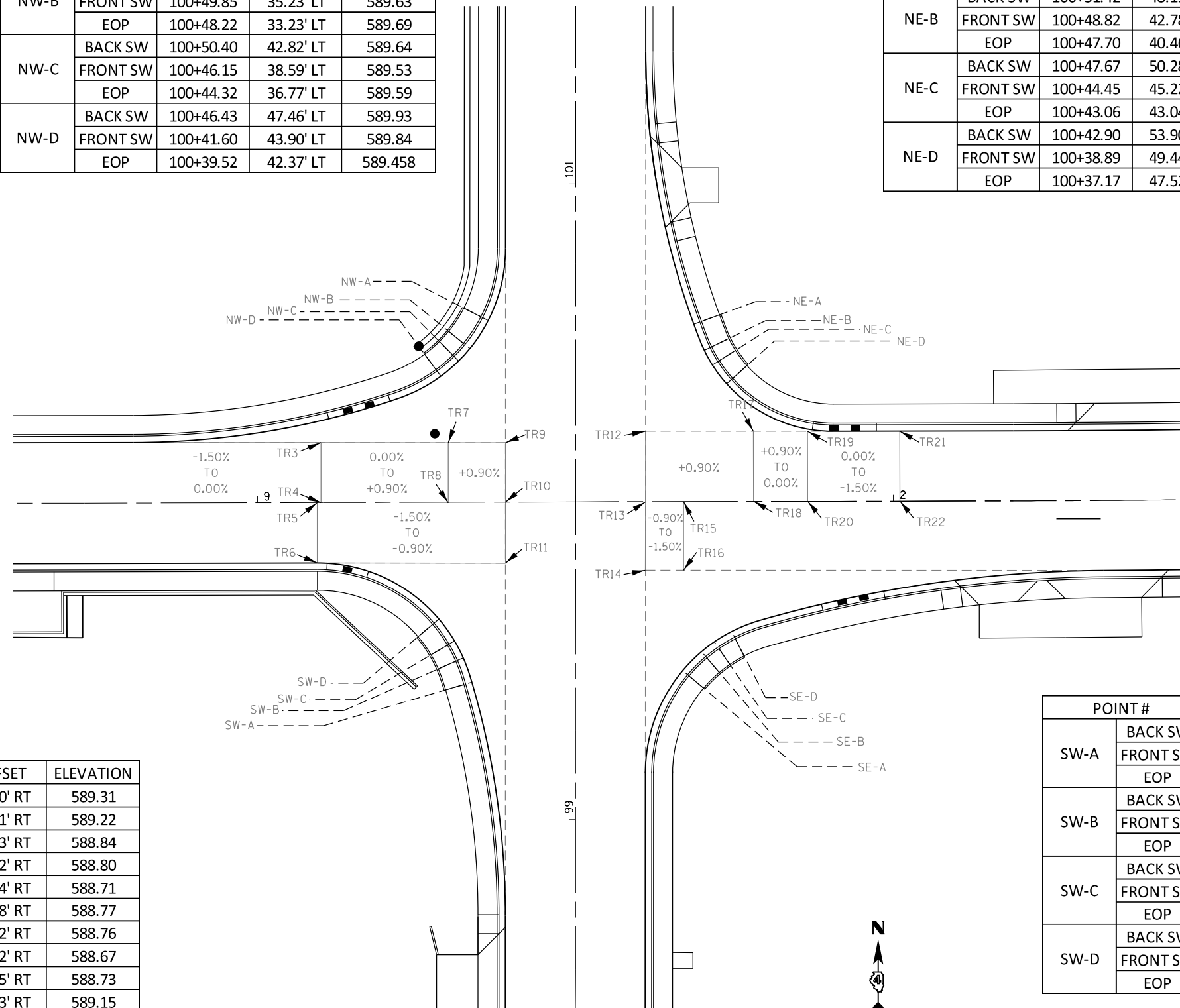
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	53
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				

POINT #	STATION	OFFSET	ELEVATION	
NW-A	BACK SW	100+60.94	35.12' LT	590.37
	FRONT SW	100+58.21	29.78' LT	590.28
	EOP	100+57.04	27.48' LT	589.895
NW-B	BACK SW	100+53.64	39.88' LT	589.72
	FRONT SW	100+49.85	35.23' LT	589.63
	EOP	100+48.22	33.23' LT	589.69
NW-C	BACK SW	100+50.40	42.82' LT	589.64
	FRONT SW	100+46.15	38.59' LT	589.53
	EOP	100+44.32	36.77' LT	589.59
NW-D	BACK SW	100+46.43	47.46' LT	589.93
	FRONT SW	100+41.60	43.90' LT	589.84
	EOP	100+39.52	42.37' LT	589.458

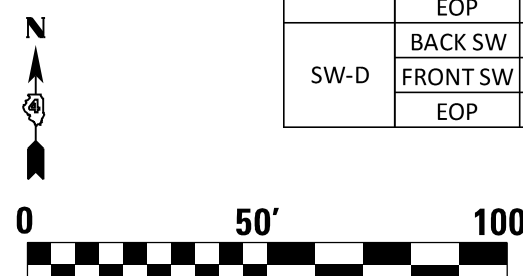
POINT #	STATION	OFFSET	ELEVATION	
NE-A	BACK SW	100+58.85	45.24' RT	590.96
	FRONT SW	100+56.79	39.60' RT	590.07
	EOP	100+55.91	37.18' RT	589.69
NE-B	BACK SW	100+51.42	48.19' RT	589.59
	FRONT SW	100+48.82	42.78' RT	589.50
	EOP	100+47.70	40.46' RT	589.56
NE-C	BACK SW	100+47.67	50.28' RT	589.51
	FRONT SW	100+44.45	45.22' RT	589.40
	EOP	100+43.06	43.04' RT	589.46
NE-D	BACK SW	100+42.90	53.90' RT	589.79
	FRONT SW	100+38.89	49.44' RT	589.70
	EOP	100+37.17	47.52' RT	589.32

POINT #	STATION	OFFSET	ELEVATION
TR1	8+61.15	19.00' LT	590.27
TR2	8+61.15	0	590.55
TR3	9+20	19.00' LT	589.77
TR4	9+20	0	589.77
TR5	9+18.8	0	589.79
TR6	9+18.8	19.00' RT	589.51
TR7	9+60	19.00' LT	589.68
TR8	9+60	0	589.33
TR9	9+78	19.00' LT	589.66
TR10	9+78	0	589.49
TR11	9+78	19.00' RT	589.32
TR12	1+22	22.00' LT	589.69
TR13	1+22	0	589.49
TR14	1+22	22.00' RT	589.29
TR15	1+34	0	589.31
TR16	1+34	22.00' RT	588.98
TR17	1+56	22.00' LT	589.22
TR18	1+56	0	589.02
TR19	1+73	22.00' LT	588.90
TR20	1+73	0	588.90
TR21	2+02	22.00' LT	588.61
TR22	2+02	0	588.94

POINT #	STATION	OFFSET	ELEVATION	
SE-A	BACK SW	99+41.47	40.30' RT	589.31
	FRONT SW	99+45.33	35.71' RT	589.22
	EOP	99+46.99	33.73' RT	588.84
SE-B	BACK SW	99+46.41	45.22' RT	588.80
	FRONT SW	99+50.99	41.34' RT	588.71
	EOP	99+52.96	39.68' RT	588.77
SE-C	BACK SW	99+48.93	48.52' RT	588.76
	FRONT SW	99+53.87	45.12' RT	588.67
	EOP	99+56.00	43.65' RT	588.73
SE-D	BACK SW	99+51.63	53.03' RT	589.15
	FRONT SW	99+56.96	50.28' RT	589.06
	EOP	99+59.25	49.09' RT	588.68



POINT #	STATION	OFFSET	ELEVATION	
SW-A	BACK SW	99+57.60	49.45' LT	589.50
	FRONT SW	99+61.49	44.88' LT	589.41
	EOP	99+63.16	42.91' LT	589.03
SW-B	BACK SW	99+51.95	45.32' LT	589.02
	FRONT SW	99+54.98	40.22' LT	588.93
	EOP	99+56.30	38.01' LT	588.99
SW-C	BACK SW	99+47.51	43.03' LT	589.00
	FRONT SW	99+49.90	37.61' LT	588.91
	EOP	99+50.94	35.25' LT	588.973
SW-D	BACK SW	99+40.88	40.79' LT	589.41
	FRONT SW	99+42.57	35.04' LT	589.32
	EOP	99+43.30	32.56' LT	588.94



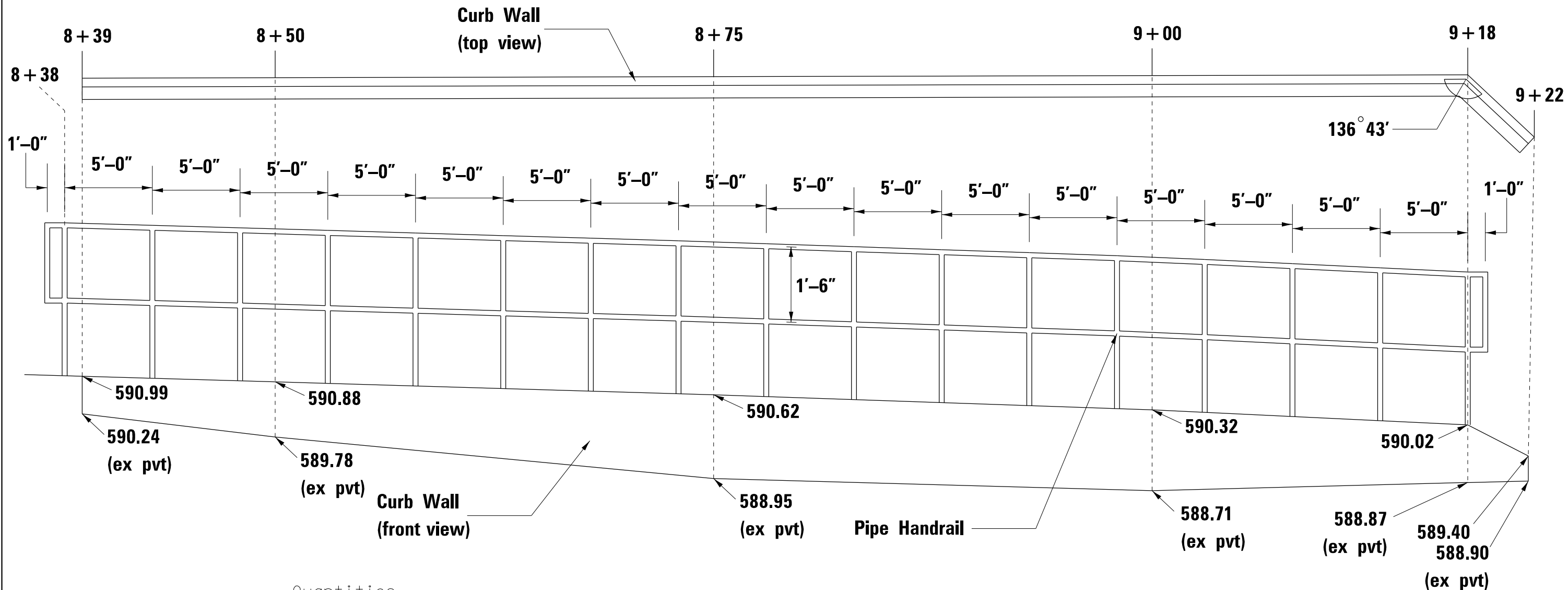
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	PLOT DATE = 5/3/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GEOMETRY
(SHEET 3 OF 3)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	54
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				

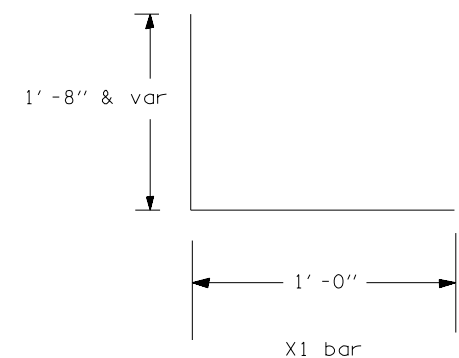
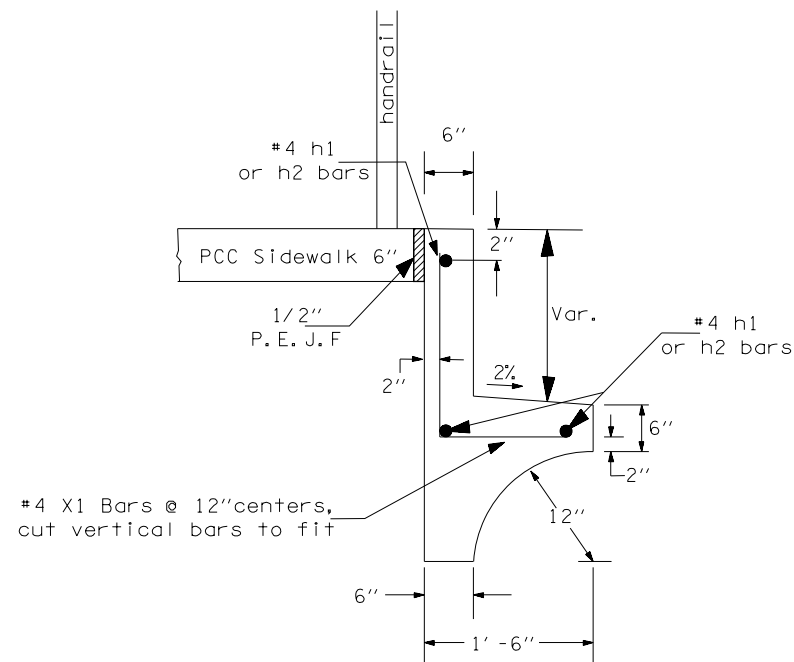


Quantities

Bar	No.	Size	Length	Shape
h1	9	#4	22' - 8"	—
h2*	3	#4	21' - 0"	—
X1**	85	#4	2' - 8"	L
Pipe Handrail			Foot	82
Reinforcement bars			Pound	330
Concrete Structures			Cu Yd	180.3

not to scale

- * Bend h2 bars @ sta 9+18 to fit
- ** Cut the vertical portion of x1 bars to fit



Notes: Lap length for h bar=1'-4"
Excavation required for the construction of the wall shall be paid for as EARTH EXCAVATION

FILE NAME = D468B45-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

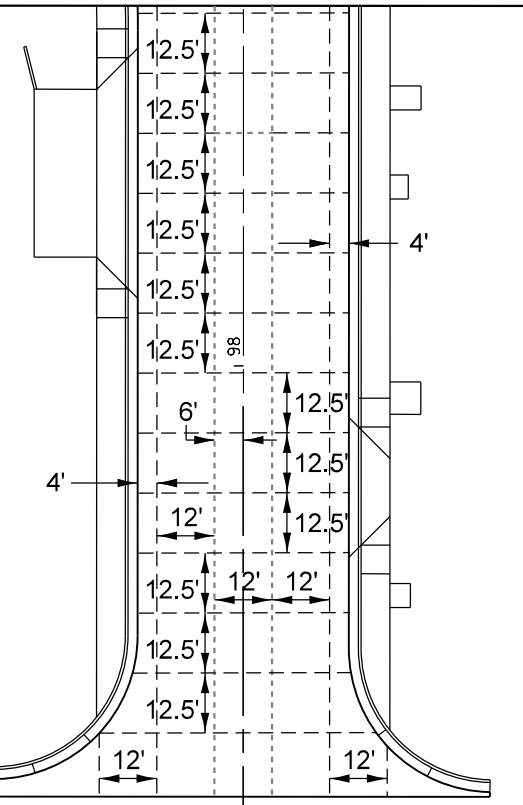
CURB WALL AND
PIPE HANDRAIL DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	55
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				

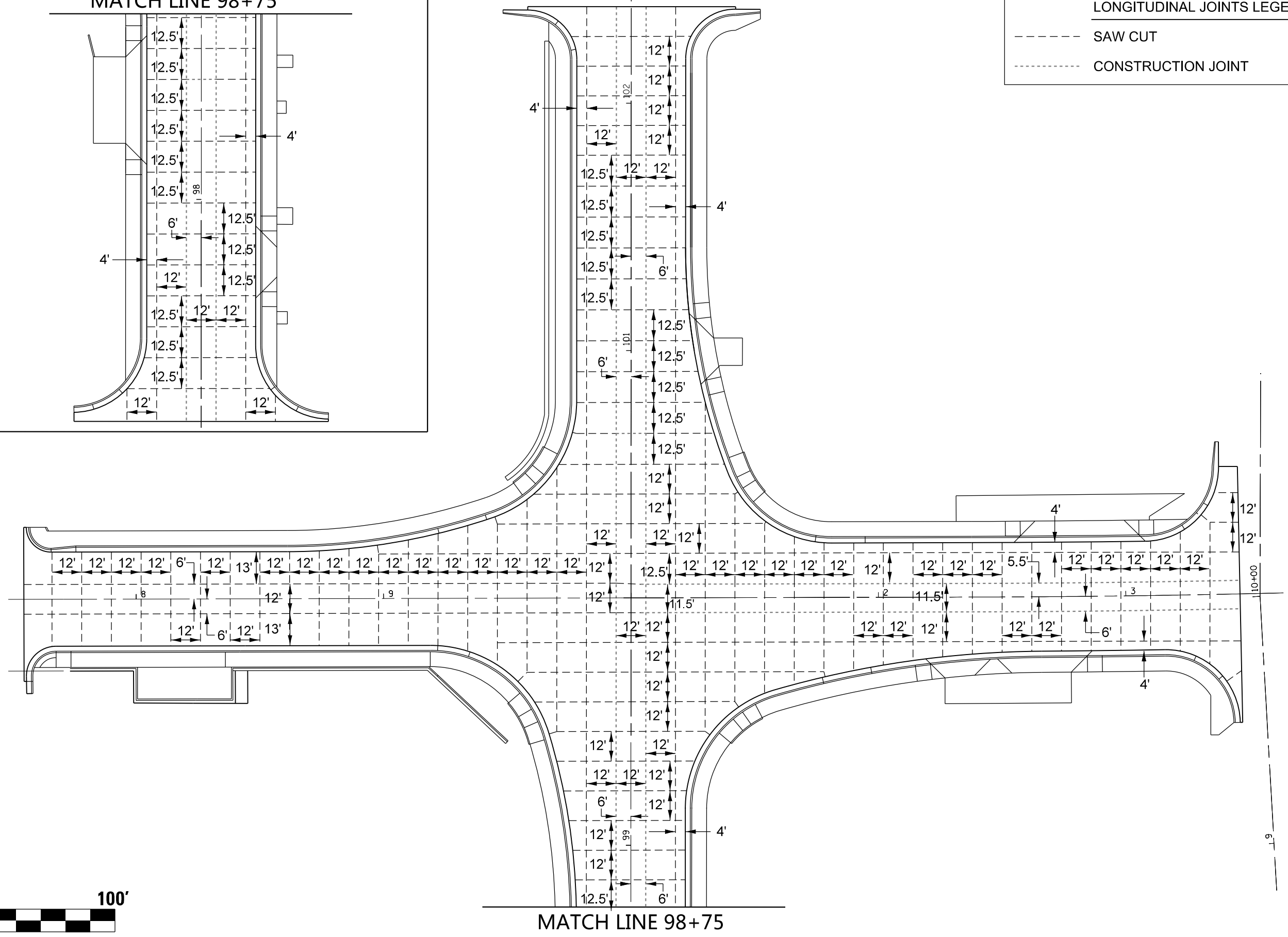


MATCH LINE 98+75



LONGITUDINAL JOINTS LEGEND

- SAW CUT
- CONSTRUCTION JOINT



MATCH LINE 98+75

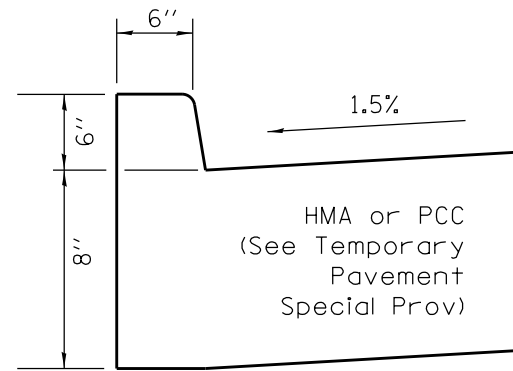
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		DRAWN -	REVISED -
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	PLOT DATE = 5/3/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT JOINTS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

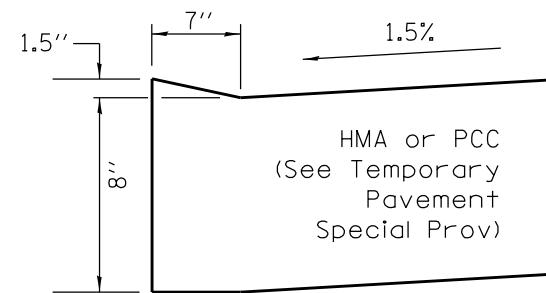
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	56
CONTRACT NO. 68B45				

TEMPORARY PAVEMENT AND EROSION CONTROL CURB

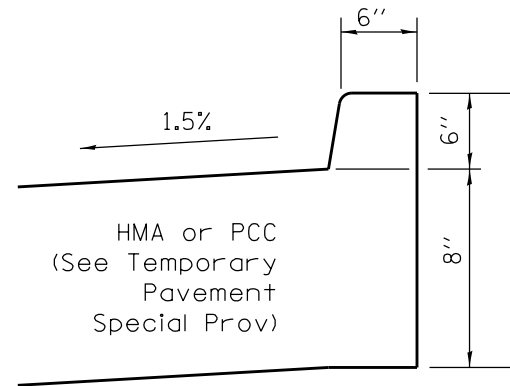


97+25 to 98+16

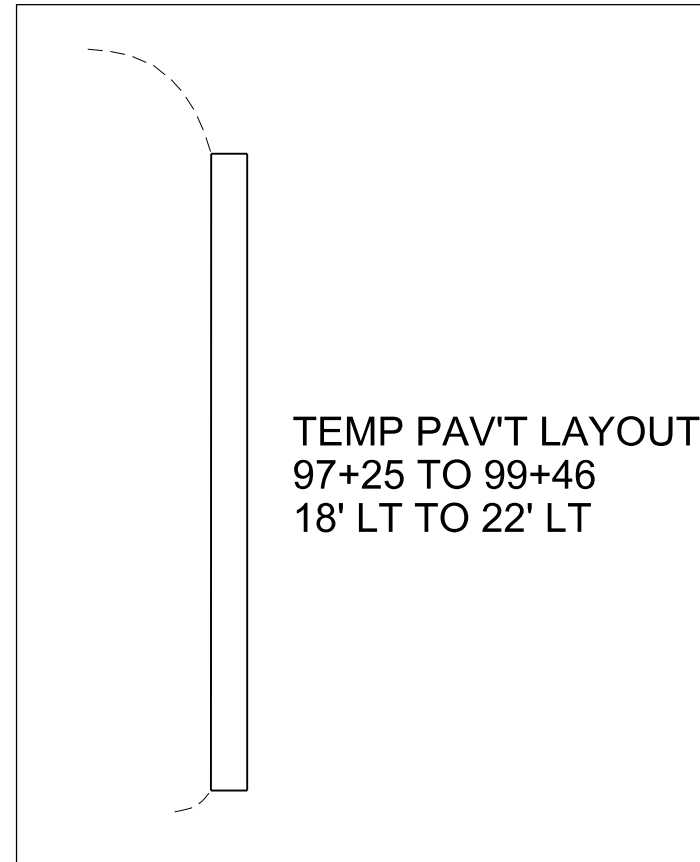
98+64 to 99+46



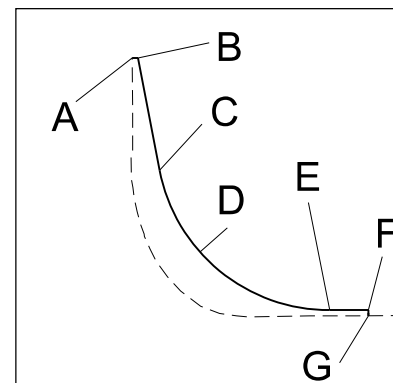
98+16 to 98+64



101+10 to 2+06



TEMP PAV'T LAYOUT
97+25 TO 99+46
18' LT TO 22' LT



TEMP PAV'T LAYOUT
A 101+10 24.2' RT
B 101+10 26.2' RT
C 100+71 33.8' RT
D RADIUS = 60'
E 1+93 22' LT
F 2+06 22' LT
G 2+06 20' LT

NOT TO SCALE

COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)

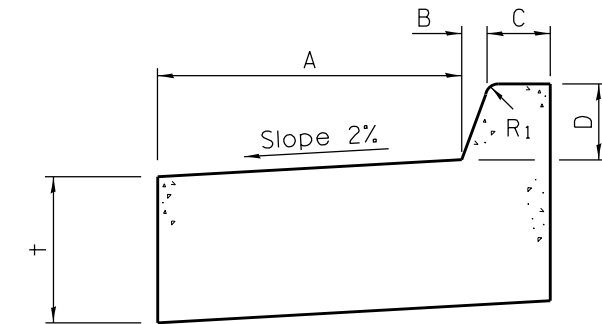


TABLE OF DIMENSIONS
BARRIER CURB

TYPE	A	B	C	D	R ₁	t
	(in)	(in)	(in)	(in)	(in)	(in)
B (SPL)	12	1	6	*	1	6

* VAR 12" TO 9" (7+73 to 8+00 RT)
VAR 9" TO 6" (8+38 27.6' RT TO 42.2' RT)

NOT TO SCALE

FILE NAME = D468B45-shr-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/3/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMP PAVT, EROS CTRL CURB
& CCC&G TY B (SPL) DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(129,20)N	FULTON	89	57
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				

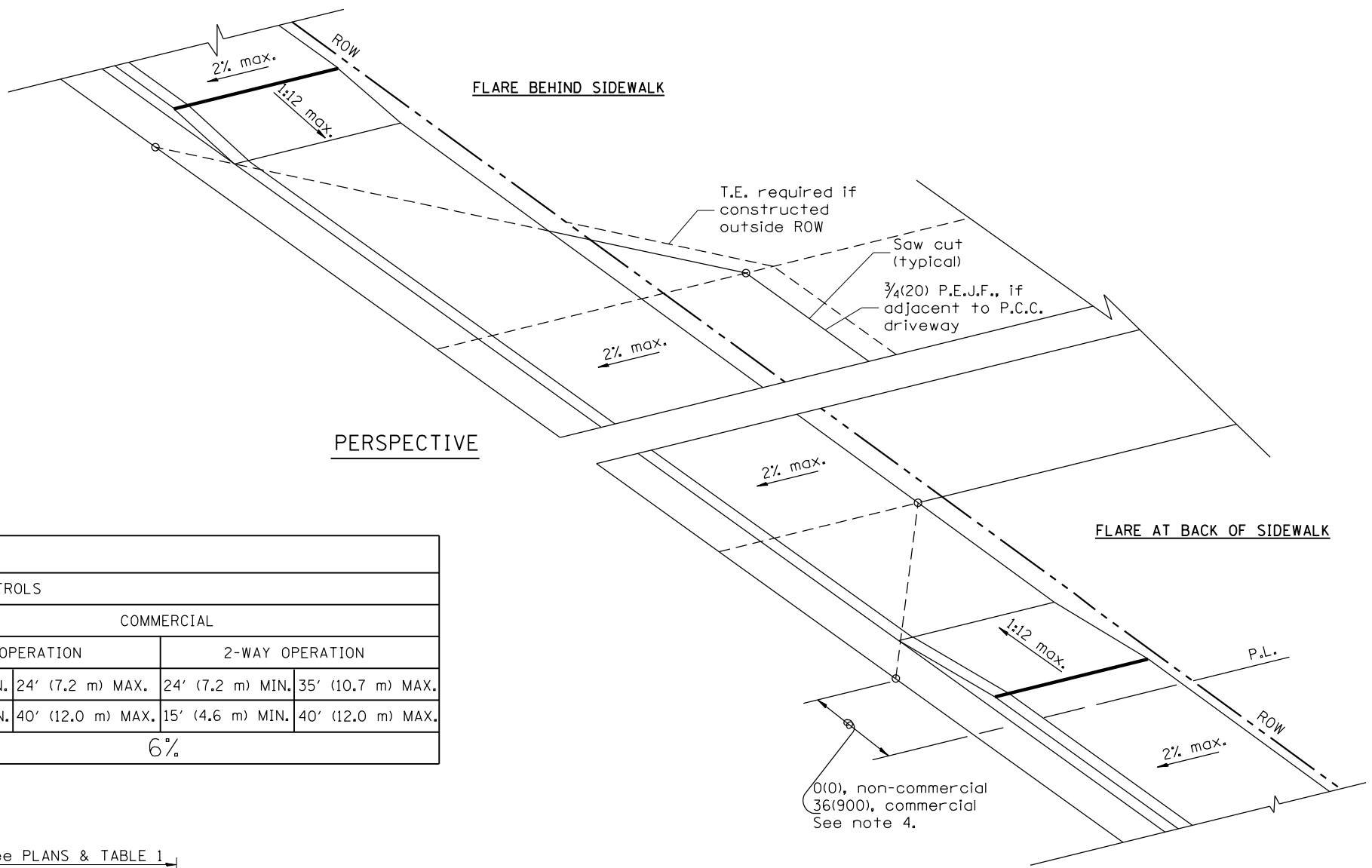
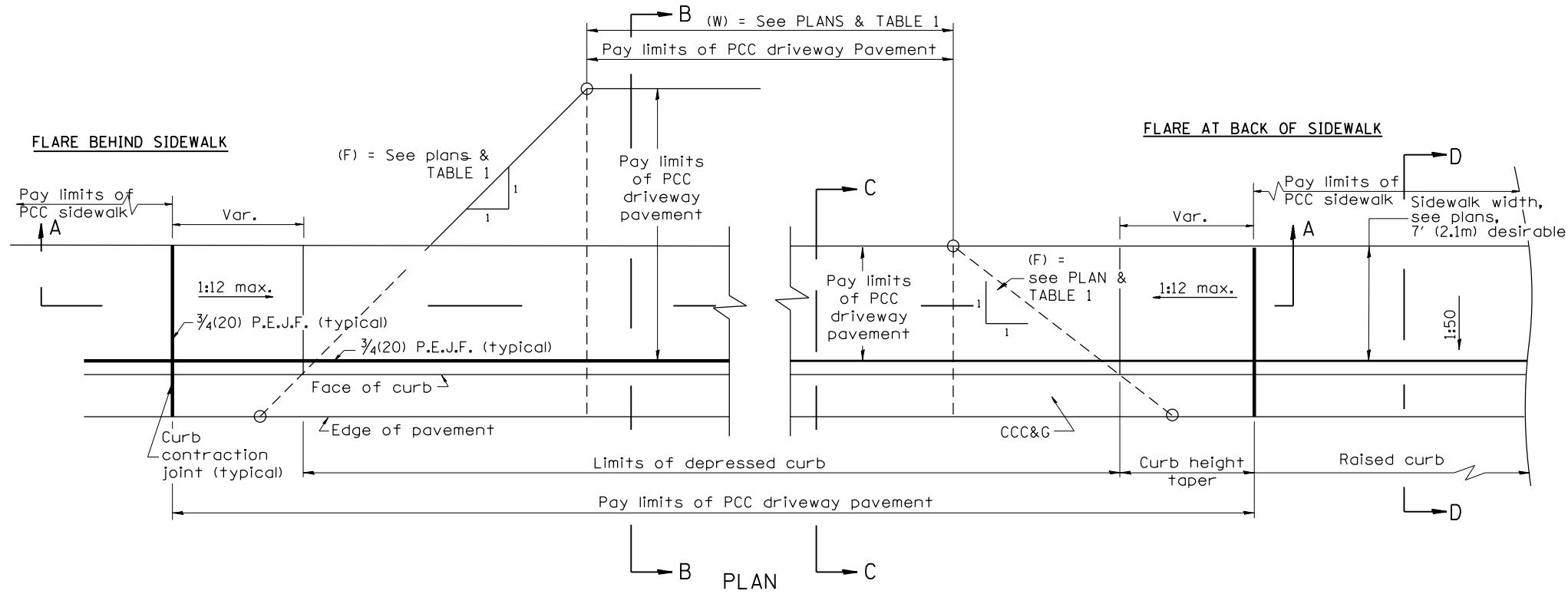


TABLE 1 URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.	24' (7.2 m) MIN.	35' (10.7 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%			



GENERAL NOTES

1. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
2. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
3. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.
4. Refer to State Standard 424026 for detectable warnings at busy commercial entrances.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-103.02, NEW REVISION BOX,	T.P.	03-15-12	REMOVED HATCHING ON RAMPS	R.D.
	REVISED GENERAL NOTES				
09-15-05	REVISED DESIGNER NOTE	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

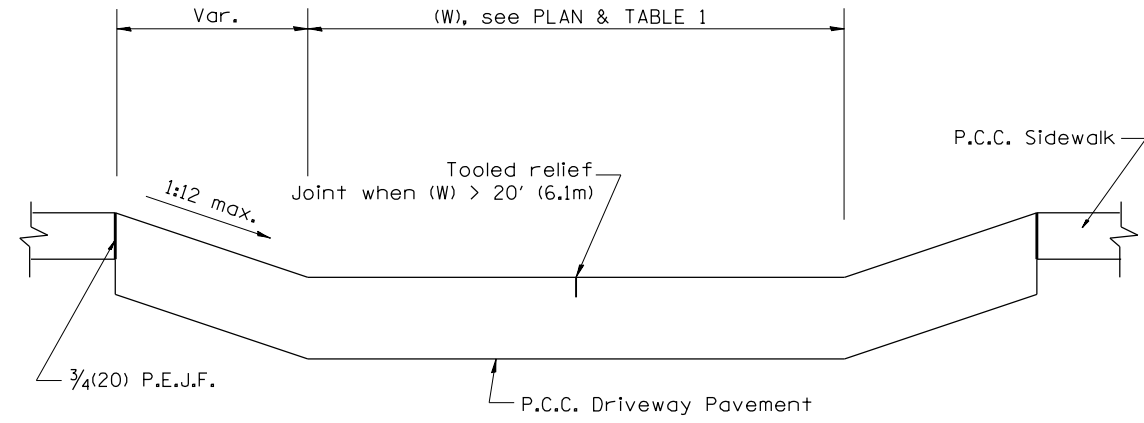
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,
FOR CURBLINE SIDEWALKS**

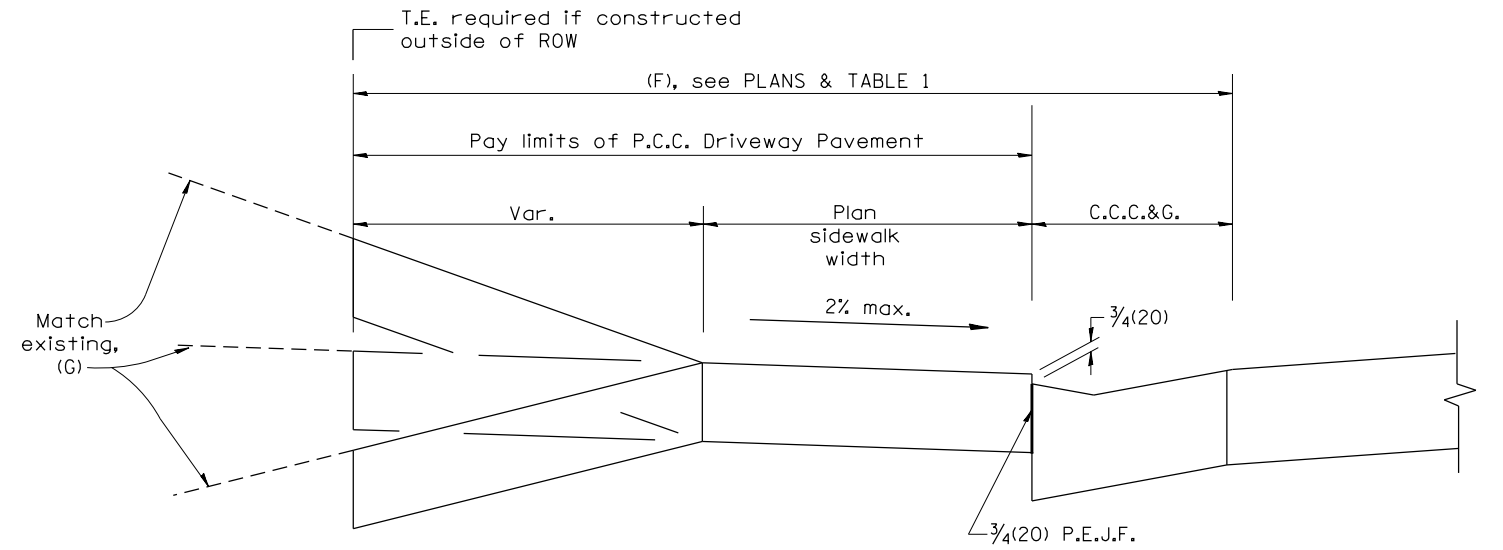
NOT TO SCALE

SHT. 1 OF 2
CADD STD. 423101-D4

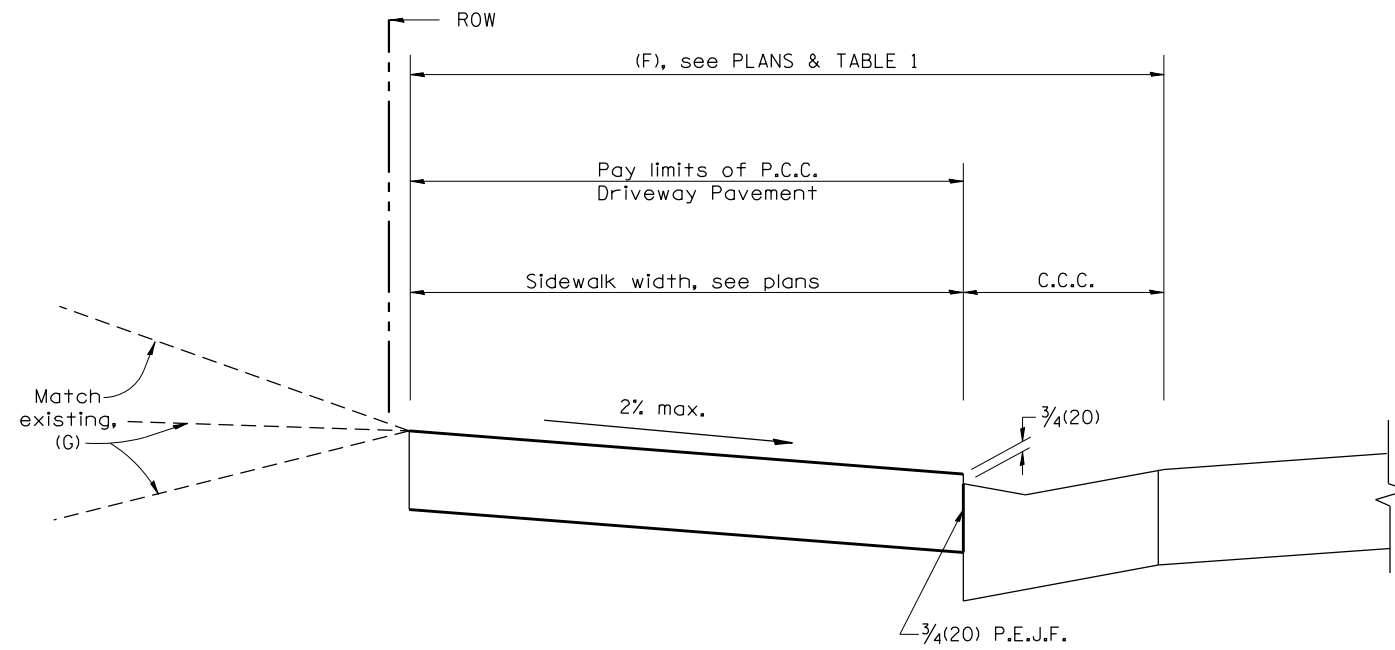
F.A.P. 317/ 630	SECTION (129,20)N	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 58
RTE. US 24/IL 100	CONTRACT NO. 68B45			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



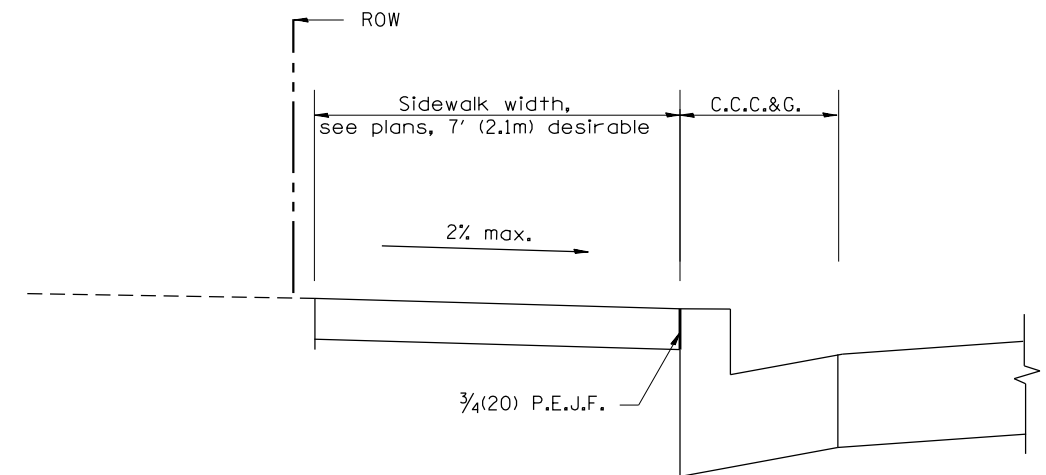
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

All dimensions are in inches (millimeters) unless otherwise noted.

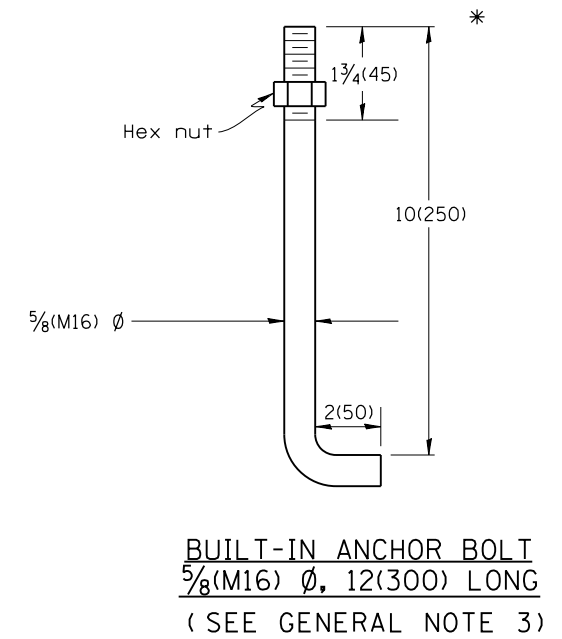
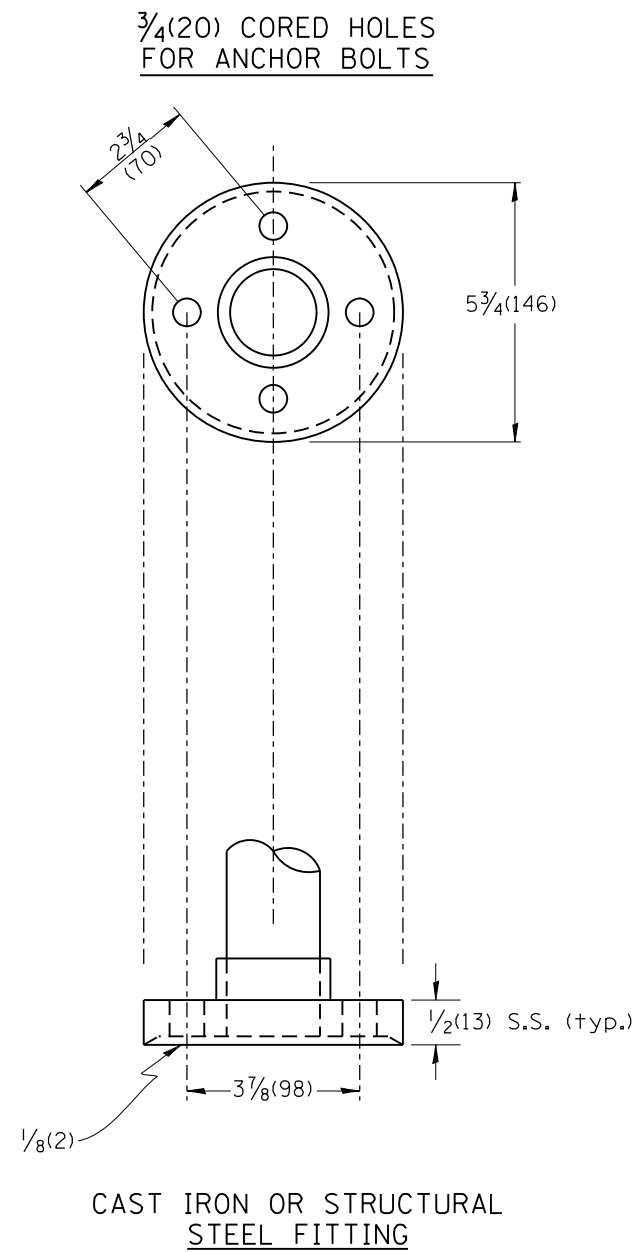
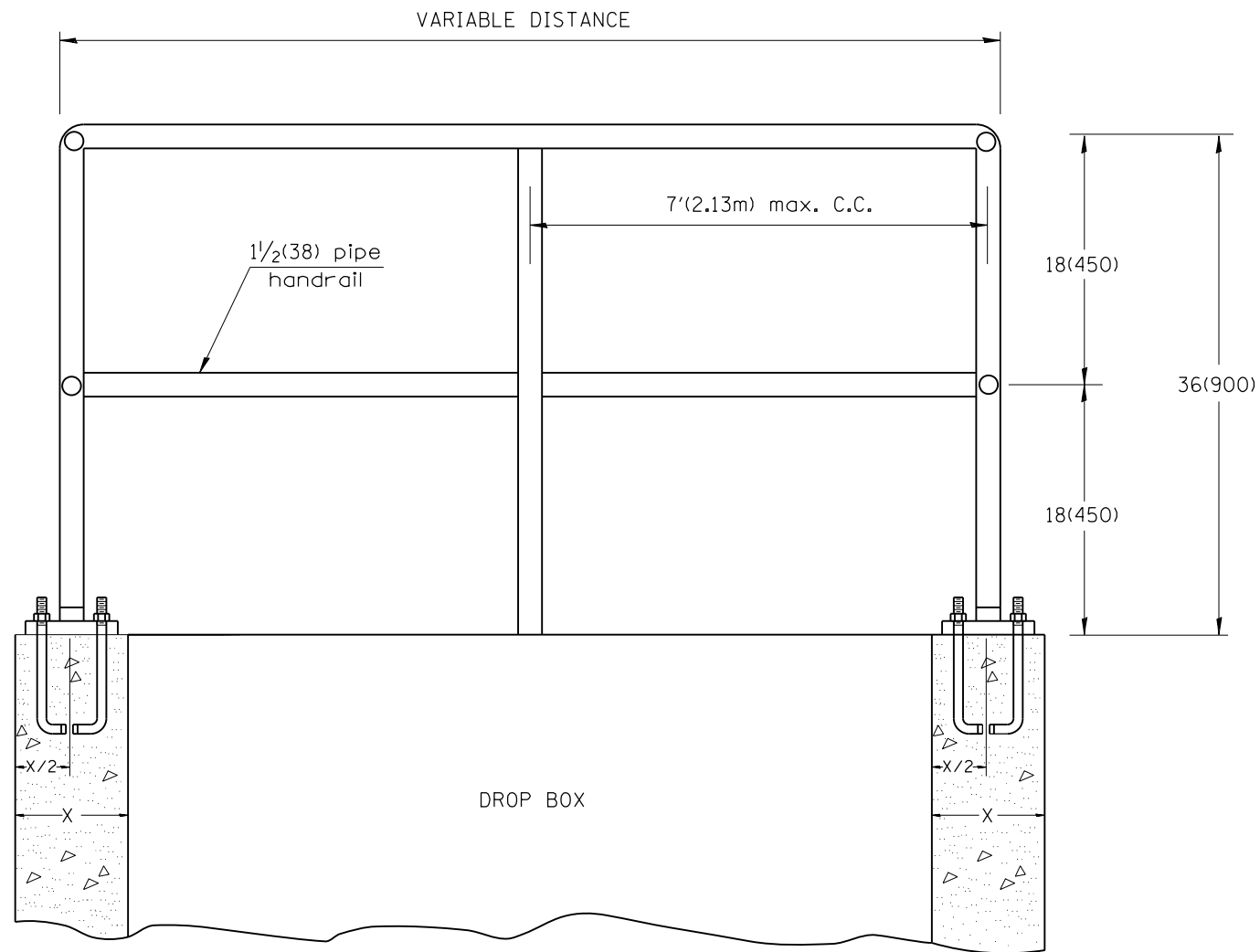
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,
FOR CURBLINE SIDEWALKS

NOT TO SCALE

SHT. 2 OF 2
CADD STD. 423101-D4

F.A.P. 317/ 630	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RT. US 24/IL 100	(129,20)N	FULTON	89	59
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 68B45	



GENERAL NOTES:

- Article 509.04 of the Standard Specifications shall apply.
- Connection of railing to posts shall be made by continuous welding or with using standard pipe fitting.
- An equivalent epoxy anchor stud can be used in place of anchor shown. Anchor bolt holes shall be 3/4(20) in diameter and 5(125) deep. They shall be predrilled with an electric hammer drill to a depth of 4(100) prior to use of a pneumatic drill for the remaining 4(100). A two component encapsulated epoxy such as "Parabond" or an equivalent shall be used. Installation shall be according to Manufacturer's recommendations.
- The pipe handrail shall be galvanized by the hot dip process.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-103.02, NEW REVISION BOX,	T.P.	03-15-12	REMOVED HATCHING ON RAMPS	R.D.
	REVISED GENERAL NOTES				
09-15-05	REVISED DESIGNER NOTE	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

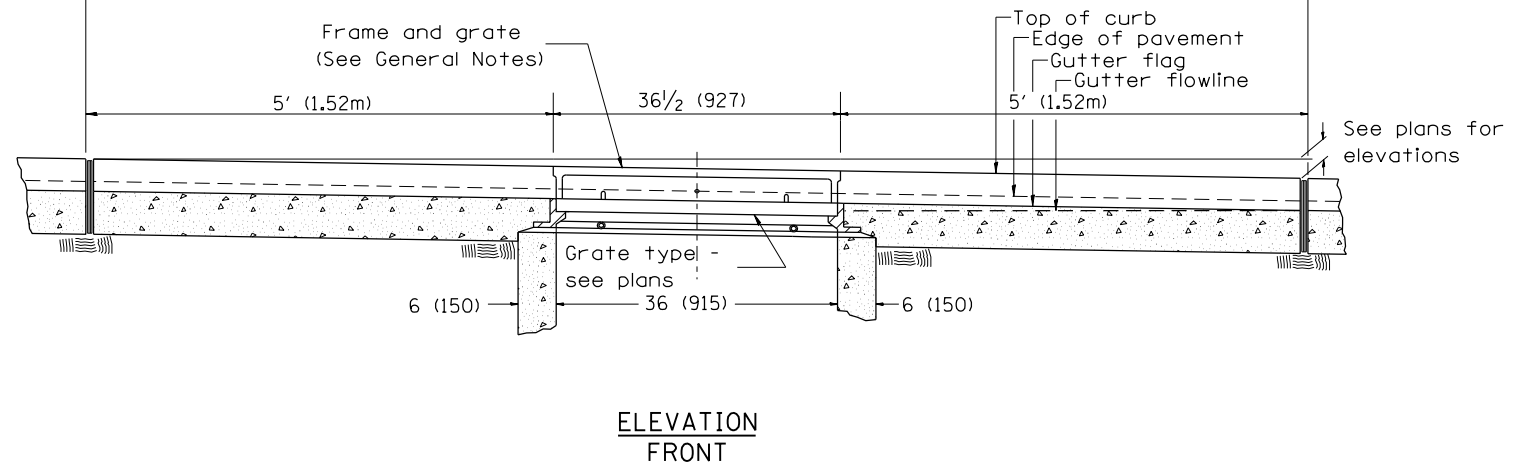
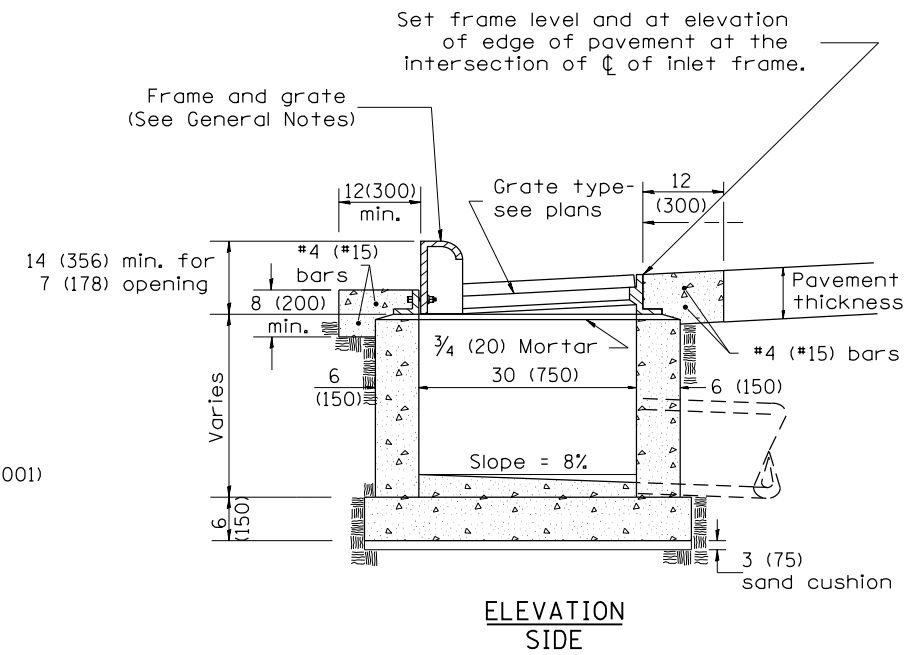
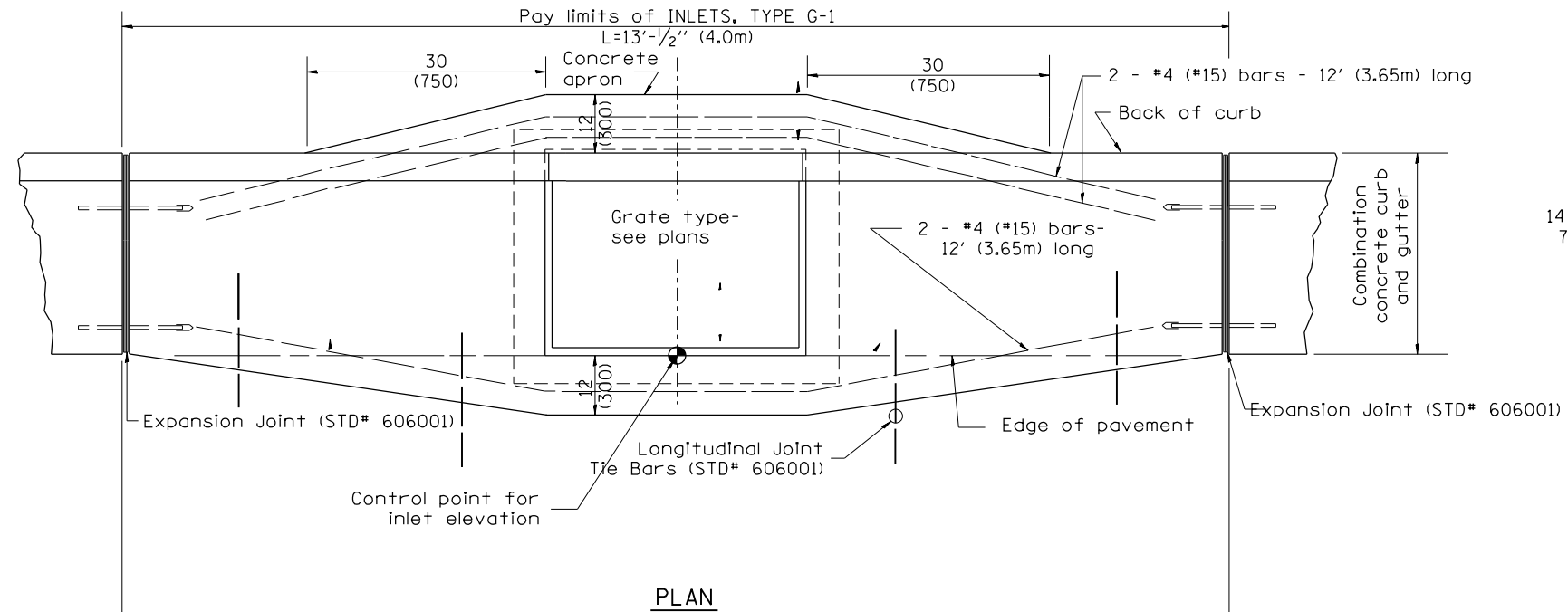
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF PIPE HANDRAIL FASTENING

NOT TO SCALE

CADD STD. 510001-D4

F.A.P. 317/ 630	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RT.	(129,20)N	FULTON	89	60
US 24/IL 100				CONTRACT NO. 68B45
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-4.01, NEW REVISION BOX	T.P.							
10-99	REVISION TO GENERAL NOTES	J.A.							
02-00	REVISION TO DESIGNER NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

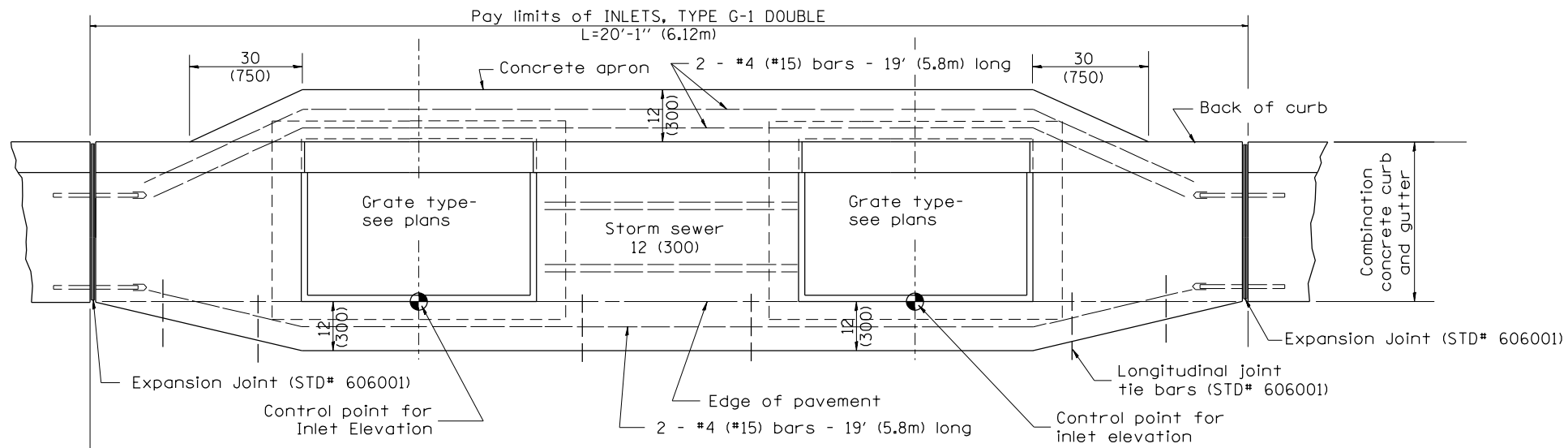
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INLETS, TYPE G-1

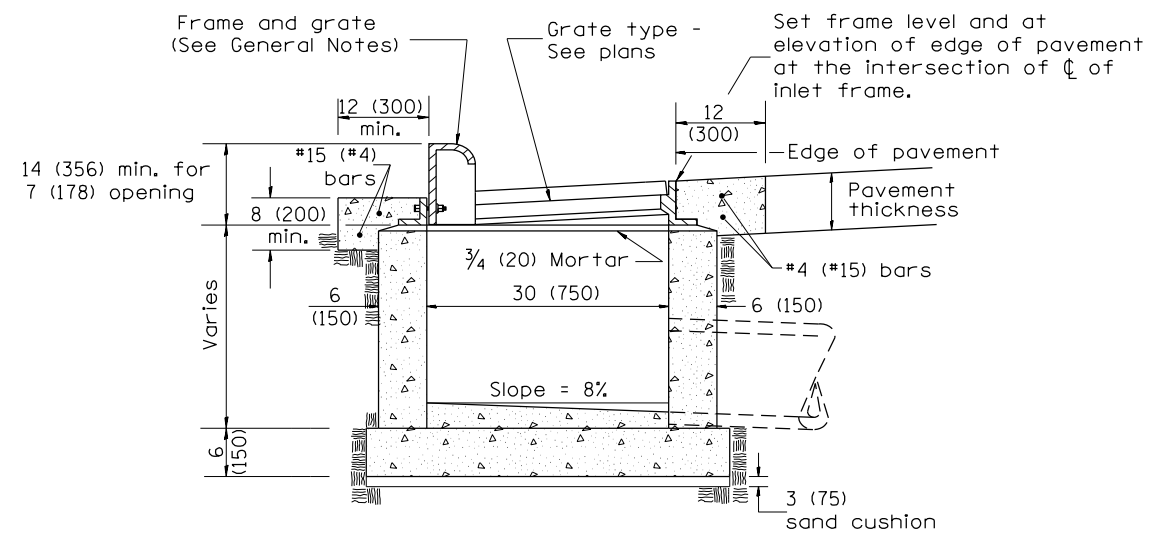
NOT TO SCALE

CADD STD. 602001-D4

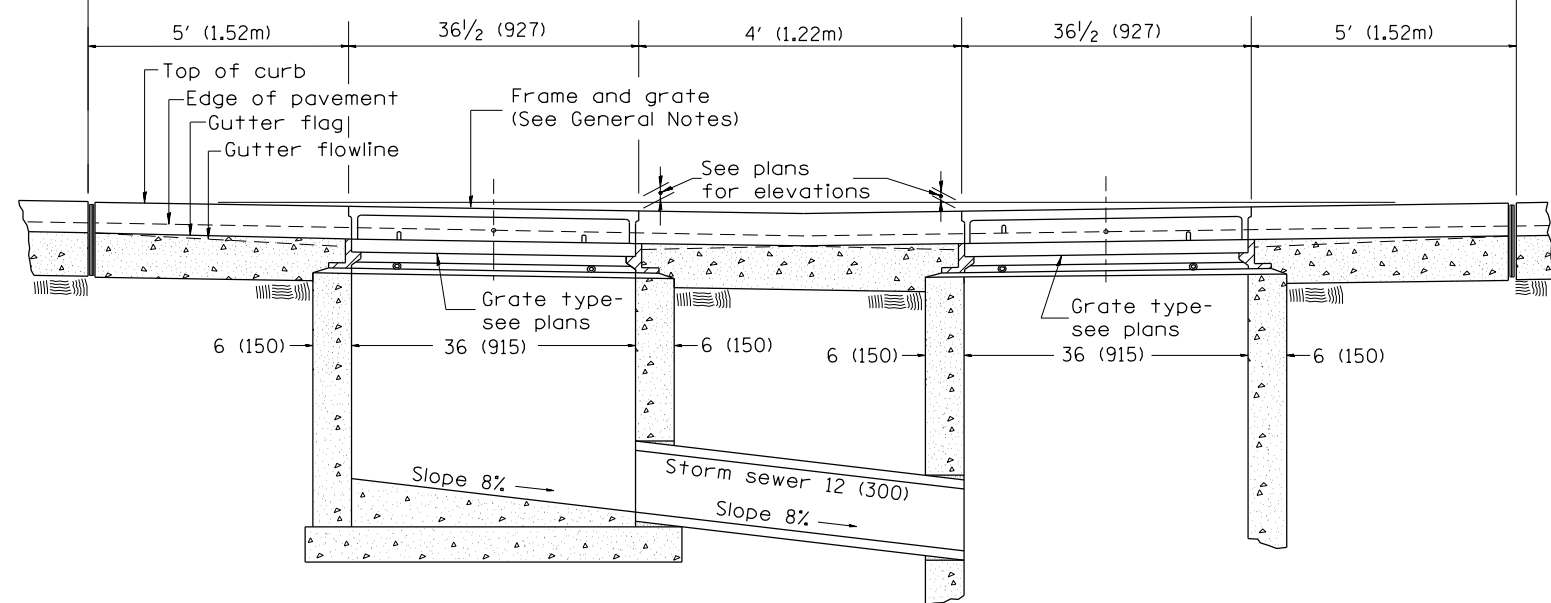
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RTE. US 24/IL 100		CONTRACT NO. 68B45		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN



ELEVATION (SIDE)



FRONT ELEVATION

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-4.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
04-01-97	CORRECT PAVT SLOPE	J.A.			
10-99	REVISION TO GENERAL NOTES	J.A.			
02-00	REVISION TO DESIGNER NOTES	J.A.			

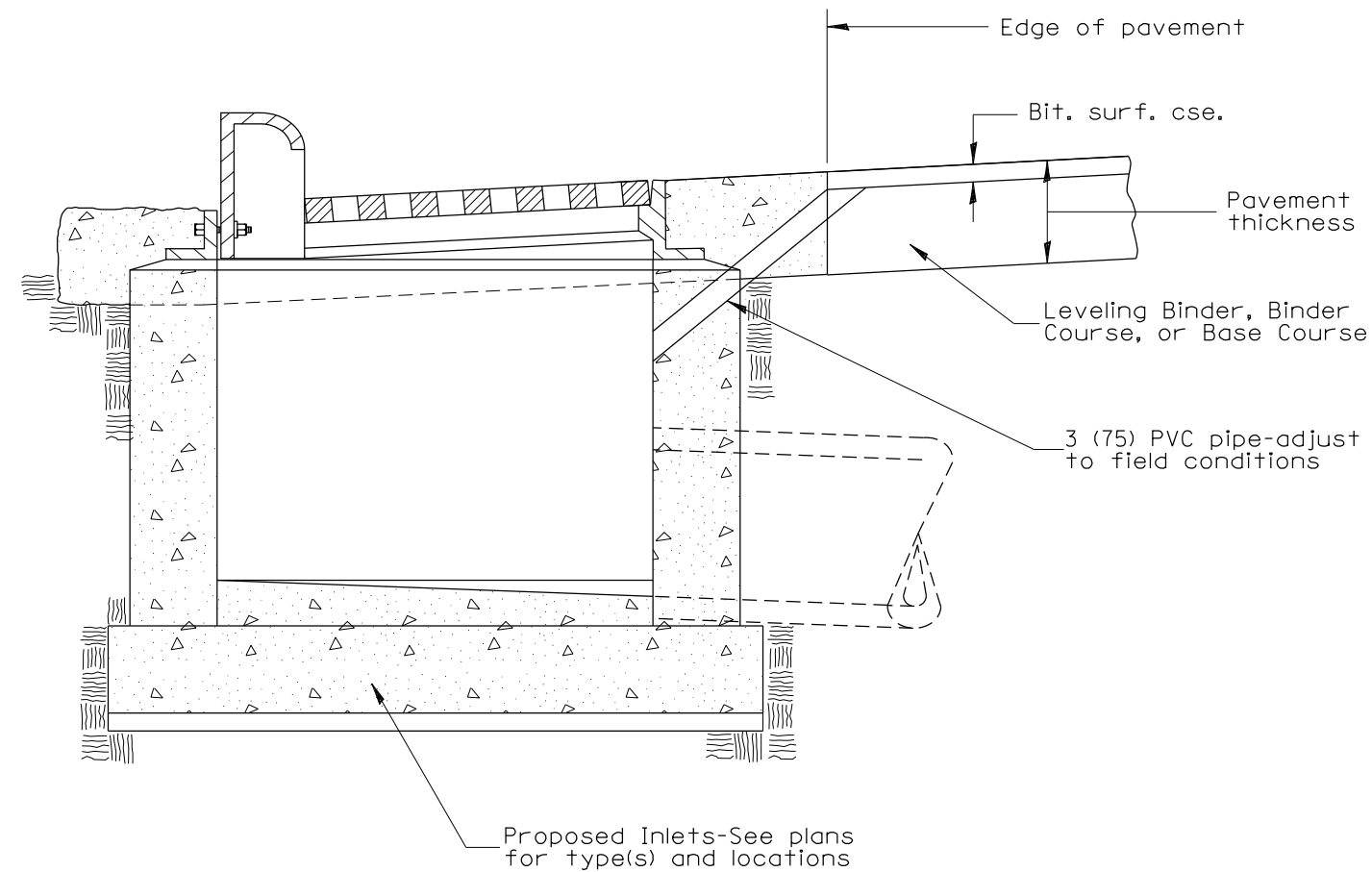
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INLETS, TYPE G-1 DOUBLE

NOT TO SCALE

CADD STD. 602011-D4

F.A.P. 317/ 630	SECTION (129,20)N	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 62
RTE. US 24/IL 100		CONTRACT NO. 68B45		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

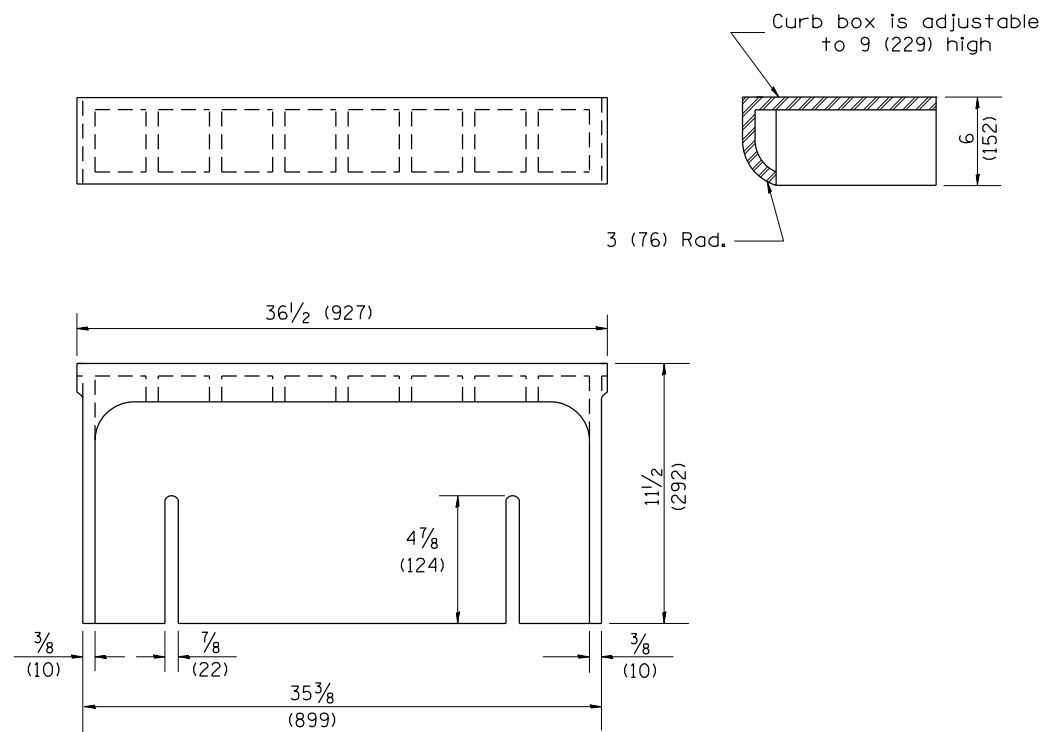


GENERAL NOTES:

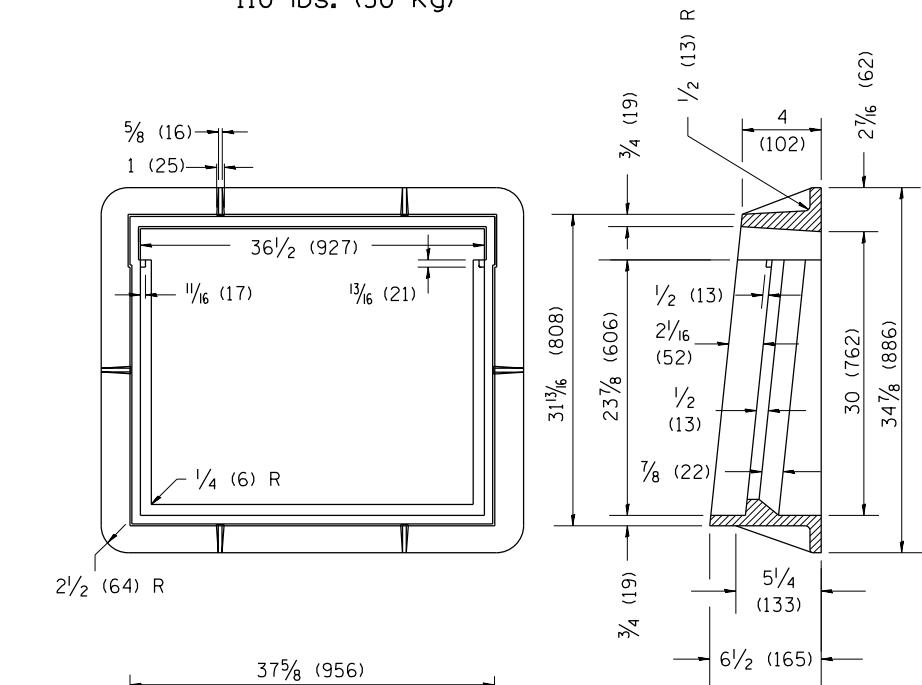
1. Temporary Drainage - This work consists of furnishing and installing a 3 (75) PVC pipe in the proposed inlet to facilitate drainage off the pavement prior to the placement of bituminous surface course.
2. Adequate pavement drainage shall be maintained during all phases of construction.
3. The PVC pipe is to be filled with mortar prior to surface course placement.
4. This detail applies to all inlet types.

All dimensions are in inches (millimeters) unless otherwise noted.

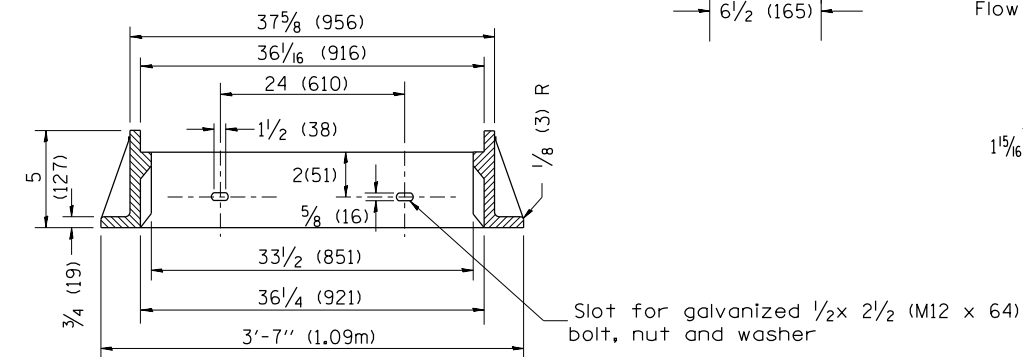
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TEMPORARY INLET DRAINAGE TREATMENT		FAP 317/630		SECTION (129,20)N	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 63
				NOT TO SCALE		CADD STD. 602401-D4		RTE. US 24/IL 100		CONTRACT NO. 68B45			
								FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



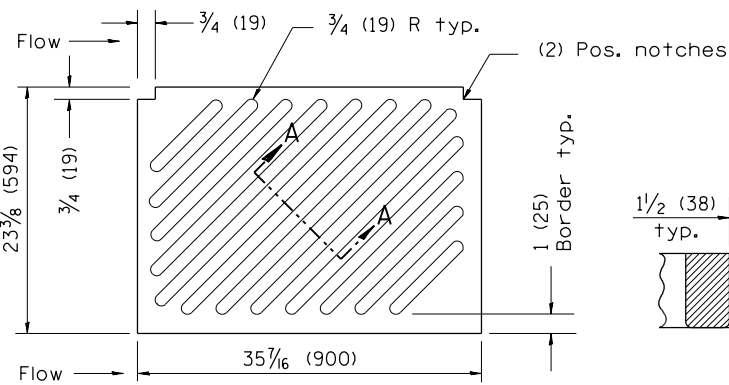
CAST CURB BOX
110 lbs. (50 kg)



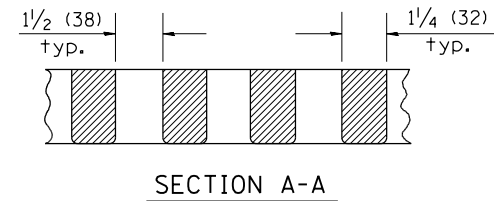
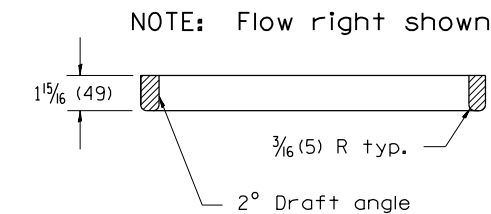
CAST FRAME
271 lbs. (123 kg)



CAST DIAGONAL GRATE
(Reversible for flow)
217 lbs. (98 kg)

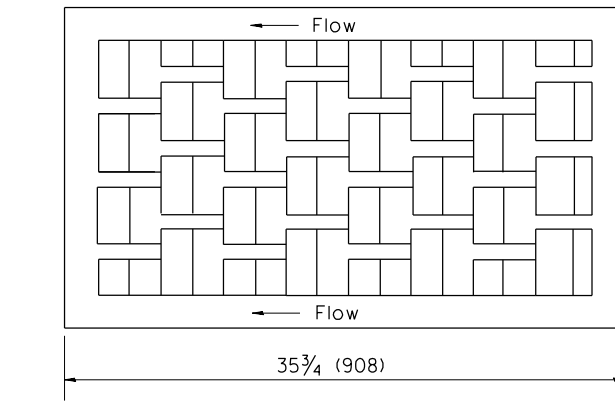


CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs. (104 KG)

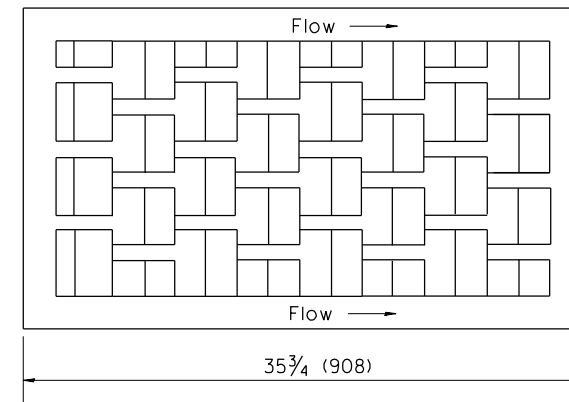


GENERAL NOTES

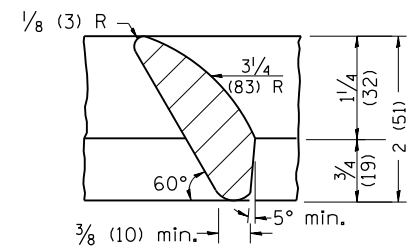
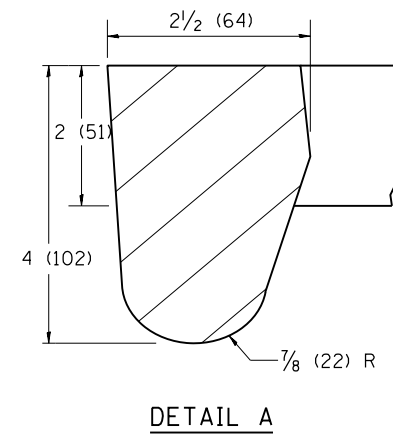
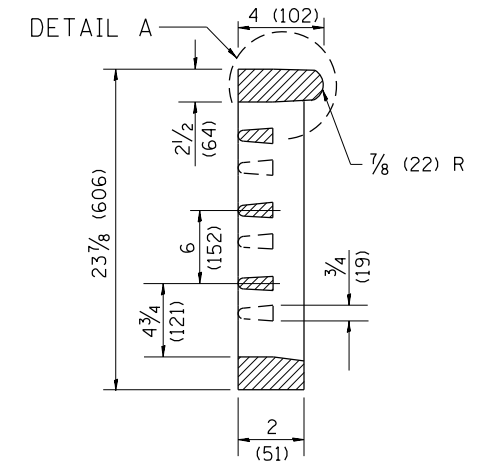
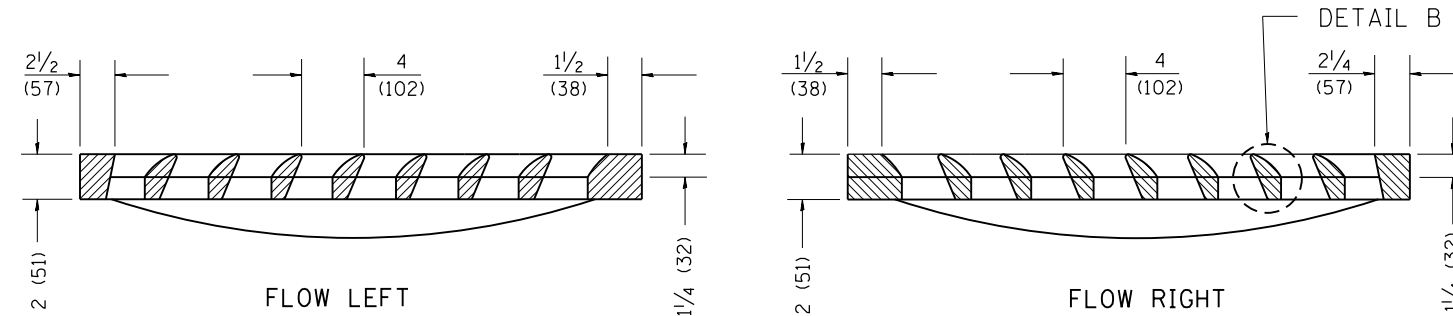
1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.



FLOW LEFT



FLOW RIGHT



All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-10.01, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

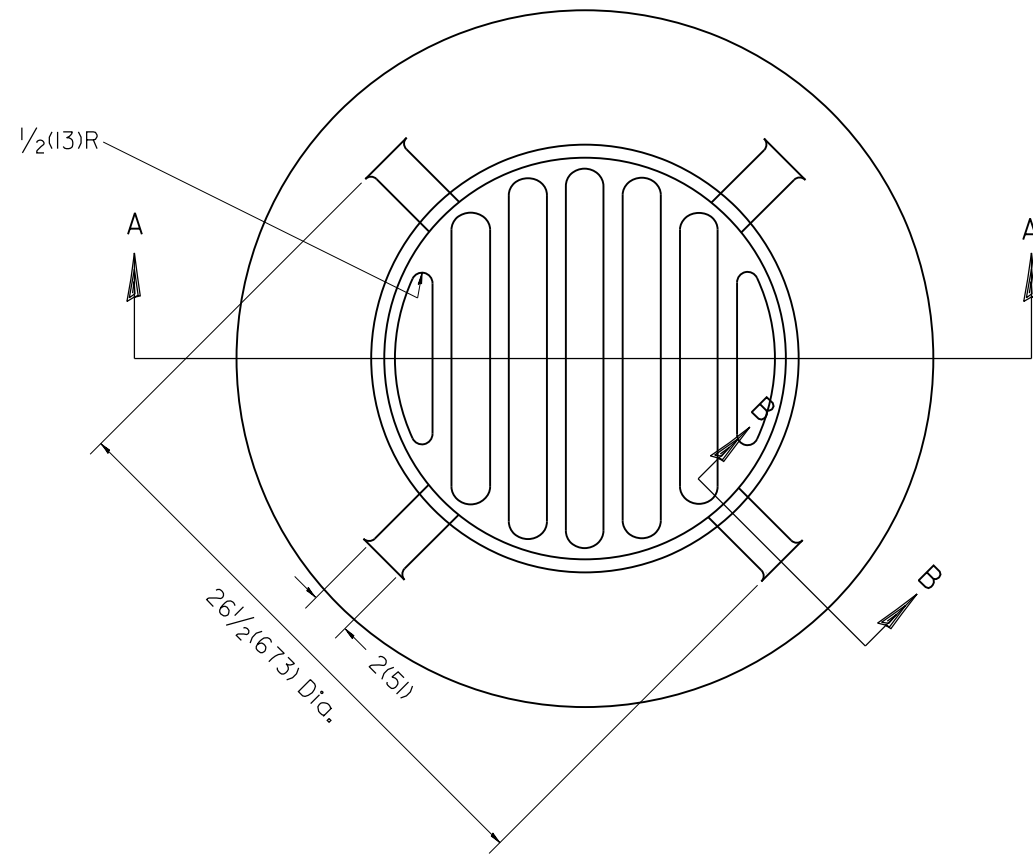
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAME & GRATES FOR TYPE G-1 AND TYPE G-1,
SPECIAL DRAINAGE STRUCTURES

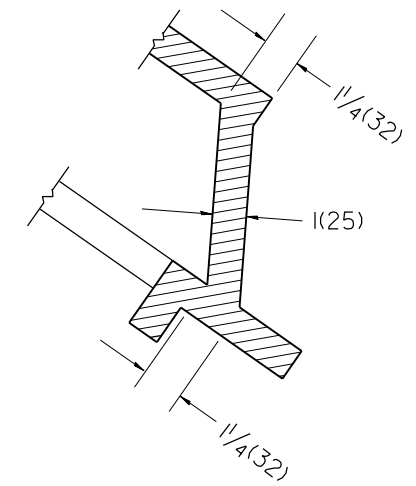
NOT TO SCALE

CADD STD. 604001-D4

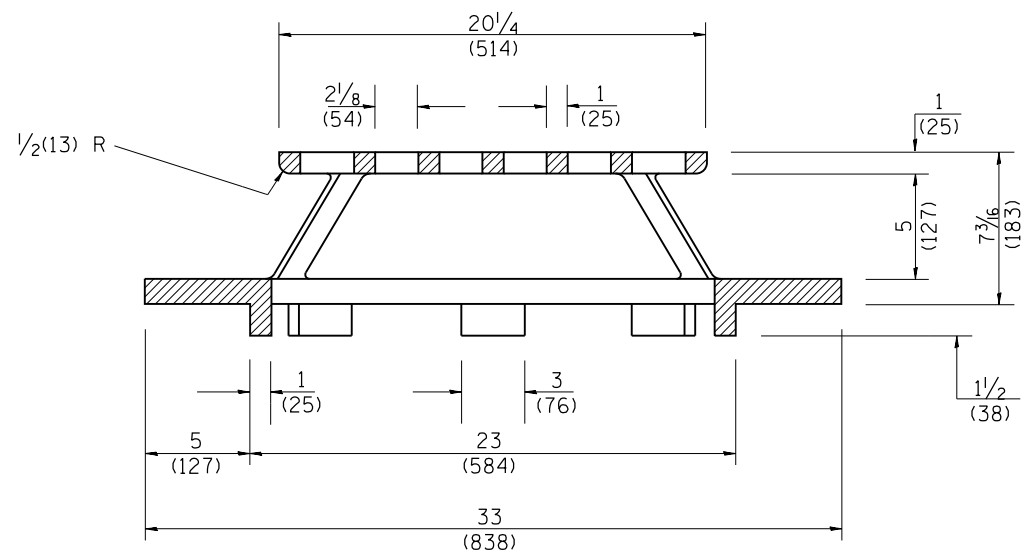
F.A.P. 317/ 630	SECTION (129,20)N	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 64
RT. US 24/IL 100	CONTRACT NO. 68B45			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN



SECTION B - B



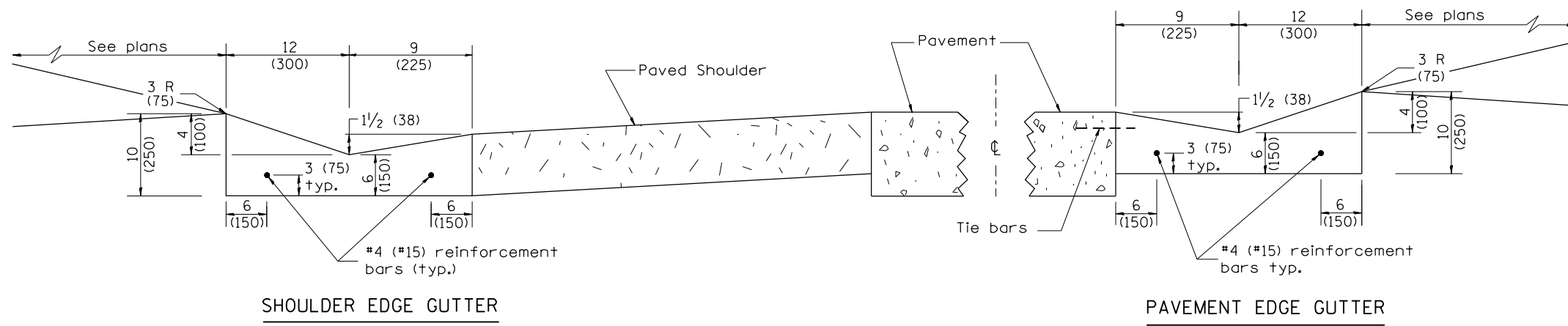
SECTION A - A

GENERAL NOTES

1. MATERIAL - Cast Gray Iron
Weight 209 lbs (95 kg)

All dimensions are in inches (millimeters) unless otherwise noted.

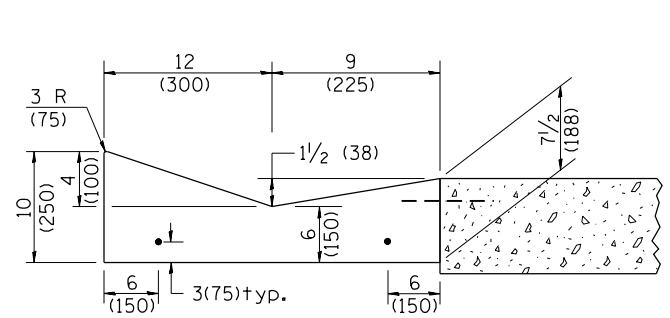
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TYPE 37 GRATE		TOTAL SHEETS 89		SHEET NO. 65	
NOT TO SCALE		CADD STD. 604301-D4		FAP 317/630		SECTION (129,20)N	
				RTE. US 24/IL 100		CONTRACT NO. 68B45	
				FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



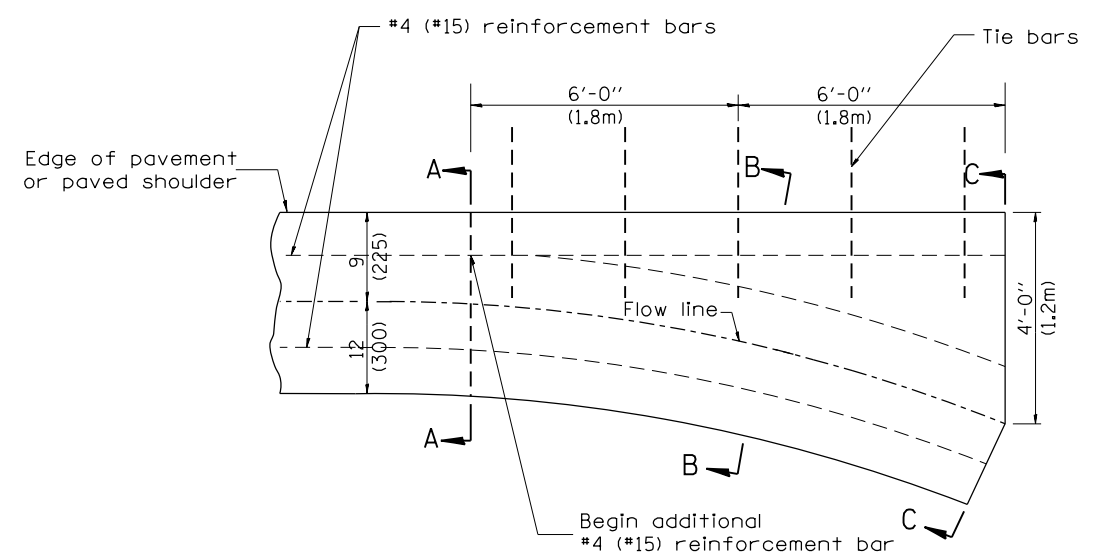
SHOULDER EDGE GUTTER

PAVEMENT EDGE GUTTER

CONCRETE GUTTER, TYPE B, (SPECIAL)

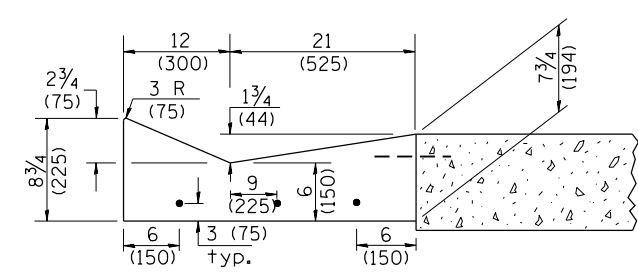


SECTION A-A

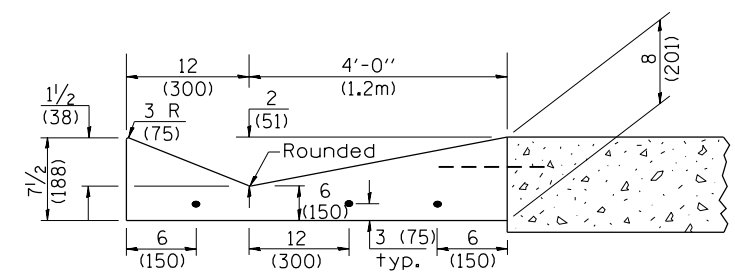


PLAN

QUANTITY
Section C-C to A-A=
0.73 cu. yd. concrete.



SECTION B-B



SECTION C-C

INLET

GENERAL NOTES:

1. CONCRETE GUTTER, TYPE B (SPECIAL) shall conform to the the applicable portions of Section 606.
2. Tie bars shall be No. 6 (No. 20) at 24" (600mm) centers unless otherwise shown.
3. Gutter, gutter inlets, gutter outlets, and gutter entrances shall be tied to rigid pavement in accordance with details shown on Standard 420001.
4. Joints shall be constructed in accordance with Article 606.06.
5. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 58 lbs/100 sq.ft. (2.83 kg/m²).

QUANTITIES	
CALC. BY:	DATE:
CHECKED BY:	DATE:
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION	

NO.	DATE	REVISION	BY	APP.
01-01-97		RENUM. C-103.02, NEW REVISION BOX, REVISED GENERAL NOTES	T.P.	
09-15-05		REVISED DESIGNER NOTE	M.M.A.	
10-16-06		REVISED TO 2007 SPEC.	M.A.	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE GUTTER, TYPE B, (SPECIAL)
(INLET, OUTLET & ENTRANCE)

NOT TO SCALE

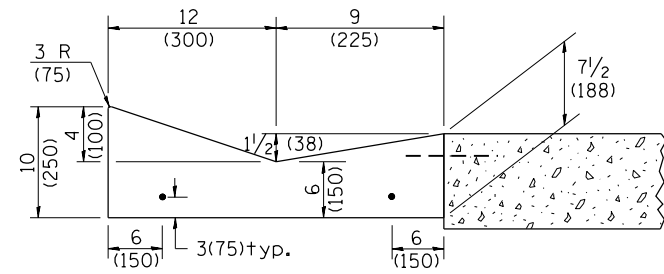
SHT. 1 OF 3
CADD STD. 606201-D4

All dimensions are in inches (millimeters) unless otherwise noted.

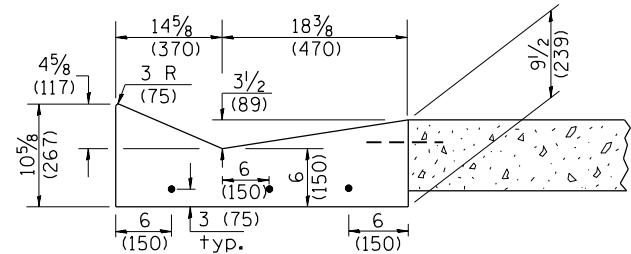
F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317/630	(129,20)N	FULTON	89	66

CONTRACT NO. 68B45

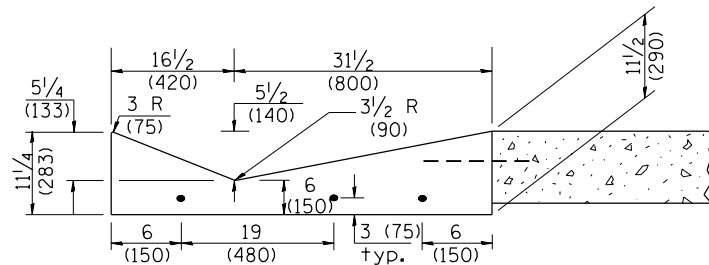
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



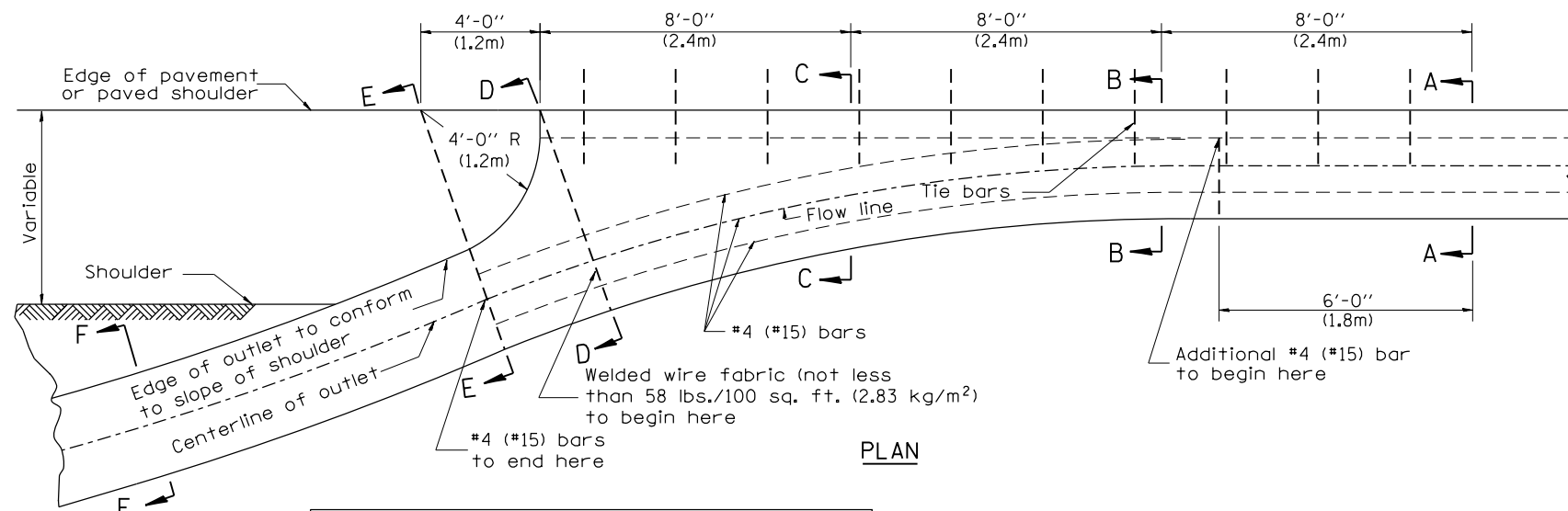
SECTION A-A



SECTION B-B



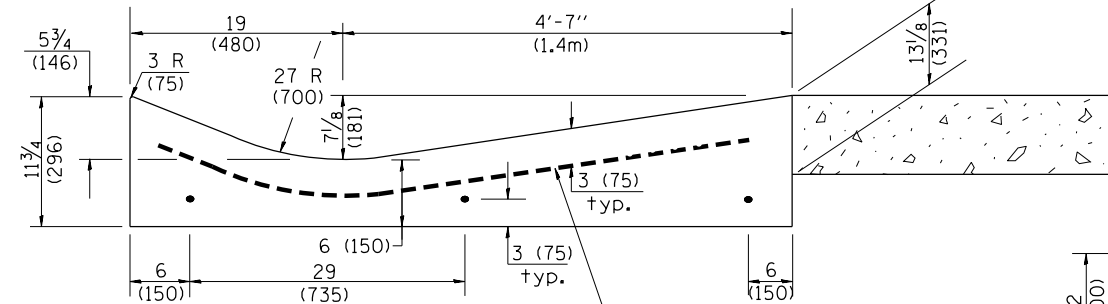
SECTION C-C



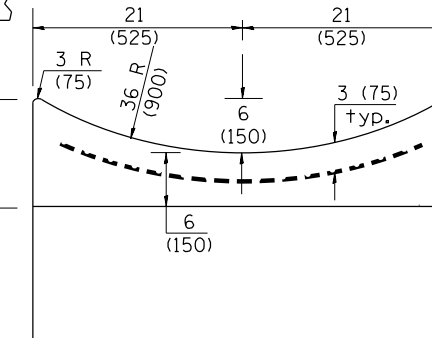
PLAN

QUANTITY
 Section A-A to E-E= 2.81 cu. yd. concrete.
 Section E-E to F-F= 0.09 cu. yd./ft. concrete.

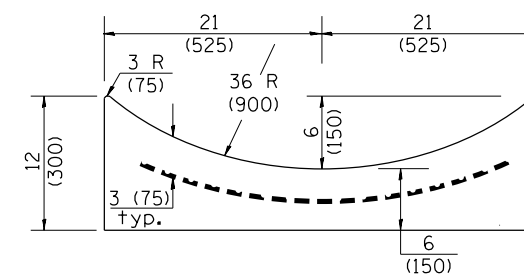
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 6 ft. (1.8m) for each 1% increase in grade. A quantity adjustment is required.



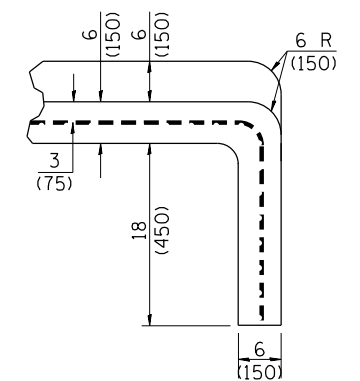
SECTION D-D



SECTION E-E



SECTION F-F



SECTIONS AT END OF OUTLET
(CURTAIN WALL)

QUANTITY
 Curtain Wall =
 0.1 cu. yd. concrete.

OUTLET

QUANTITIES
 CALC. BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

01-01-97	RENUM. C-103.02, NEW REVISION BOX,	T.P.	03-15-12	REMOVED HATCHING ON RAMPS	R.D.
	REVISED GENERAL NOTES				
09-15-05	REVISED DESIGNER NOTE	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

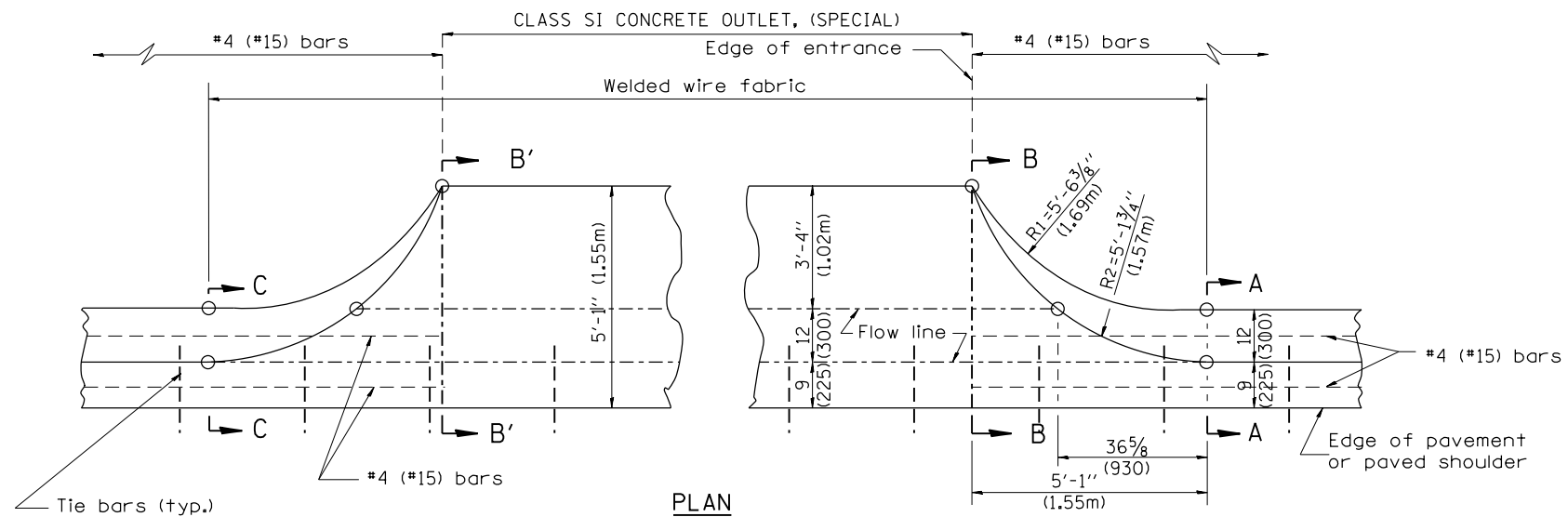
NOT TO SCALE

CONCRETE GUTTER, TYPE B, (SPECIAL)
 (INLET, OUTLET & ENTRANCE)

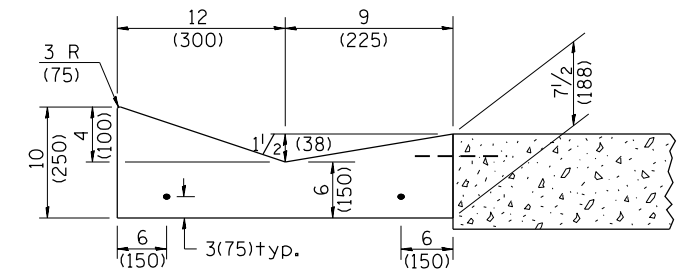
SHT. 2 OF 3
 CADD STD. 606201-D4

All dimensions are in inches (millimeters) unless otherwise noted.

F.A.P. 317/630	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 24/IL 100	(129,20)N	FULTON	89	67
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 68B45	

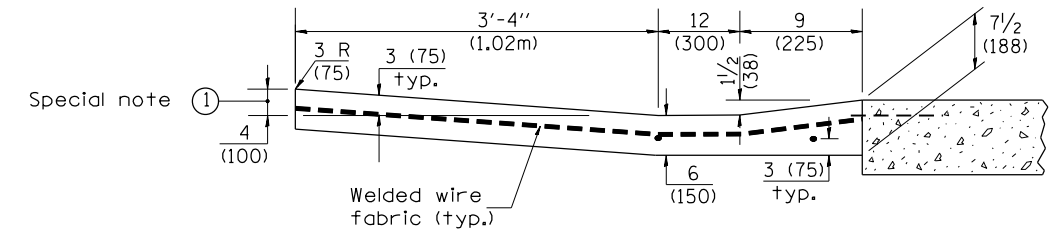


TYPICAL URBAN ENTRANCE



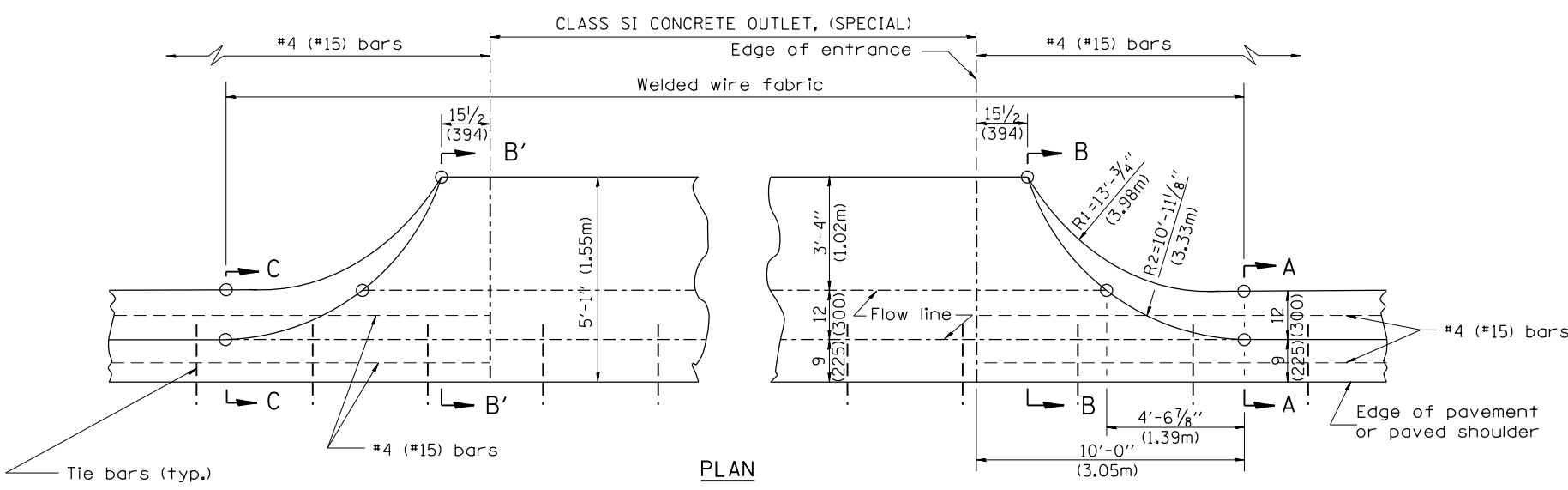
SECTION A-A & C-C

QUANTITY URBAN ENTRANCE
 Section B'-B' to B-B= 0.1 cu. yd./ft.
 Section C-C to B'-B' + B-B to A-A= 0.69 cu. yd.



SECTION B-B & B'-B'

SPECIAL NOTES:
 ① 4 (100) is the normal dimension. If specified in the plans, the following shall be used for improved entrance match-up: Minimum - 2 1/2 (65) Maximum - 5 (125)



TYPICAL RURAL ENTRANCE

QUANTITY RURAL ENTRANCE
 Section B'-B' to B-B= 0.1 cu. yd./ft.
 Section C-C to B'-B' + B-B to A-A= 1.19 cu. yd.

QUANTITIES
 CALC. BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

01-01-97	RENUM. C-103.02, NEW REVISION BOX,	T.P.	03-15-12	REMOVED HATCHING ON RAMPS	R.D.
	REVISED GENERAL NOTES				
09-15-05	REVISED DESIGNER NOTE	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONCRETE GUTTER, TYPE B, (SPECIAL)
 (INLET, OUTLET & ENTRANCE)

NOT TO SCALE

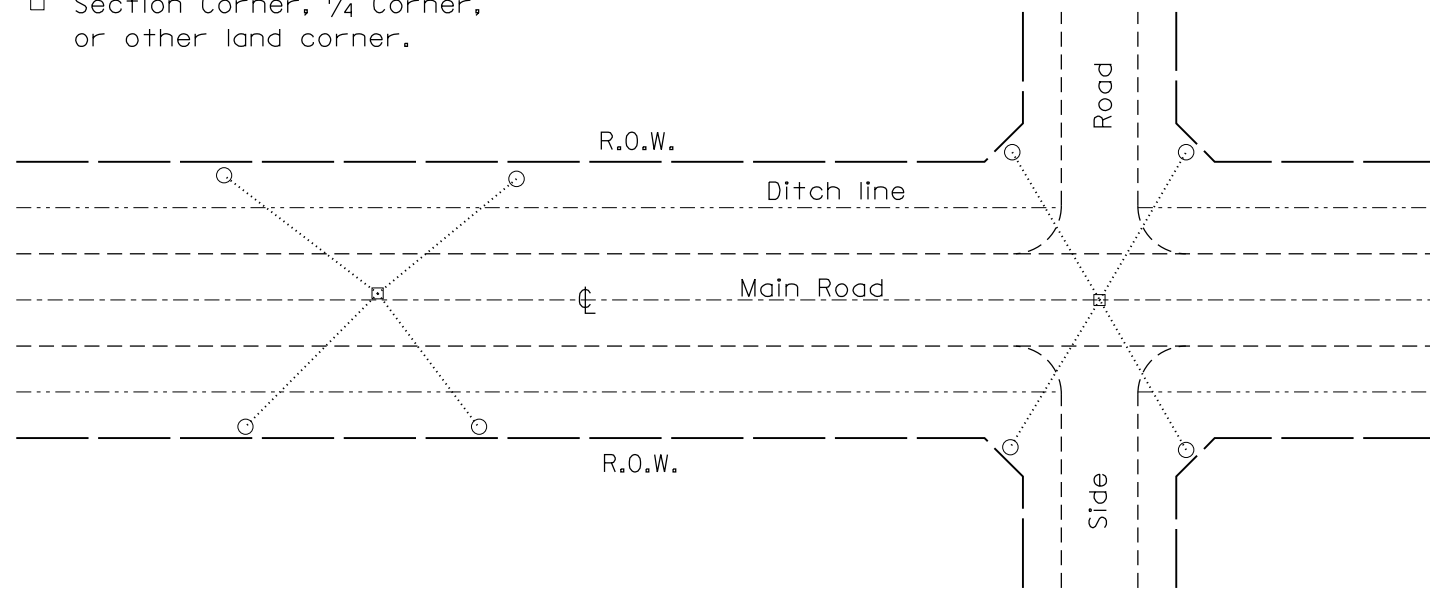
SHT. 3 OF 3
 CADD STD. 606201-D4

All dimensions are in inches (millimeters) unless otherwise noted.

F.A.P. 317/630	SECTION (129,20)N	COUNTY FULTON	TOTAL SHEETS 89	SHEET NO. 68
RT. US 24/IL 100	ILLINOIS FED. AID PROJECT		CONTRACT NO. 68B45	

PERMANENT SURVEY TIES

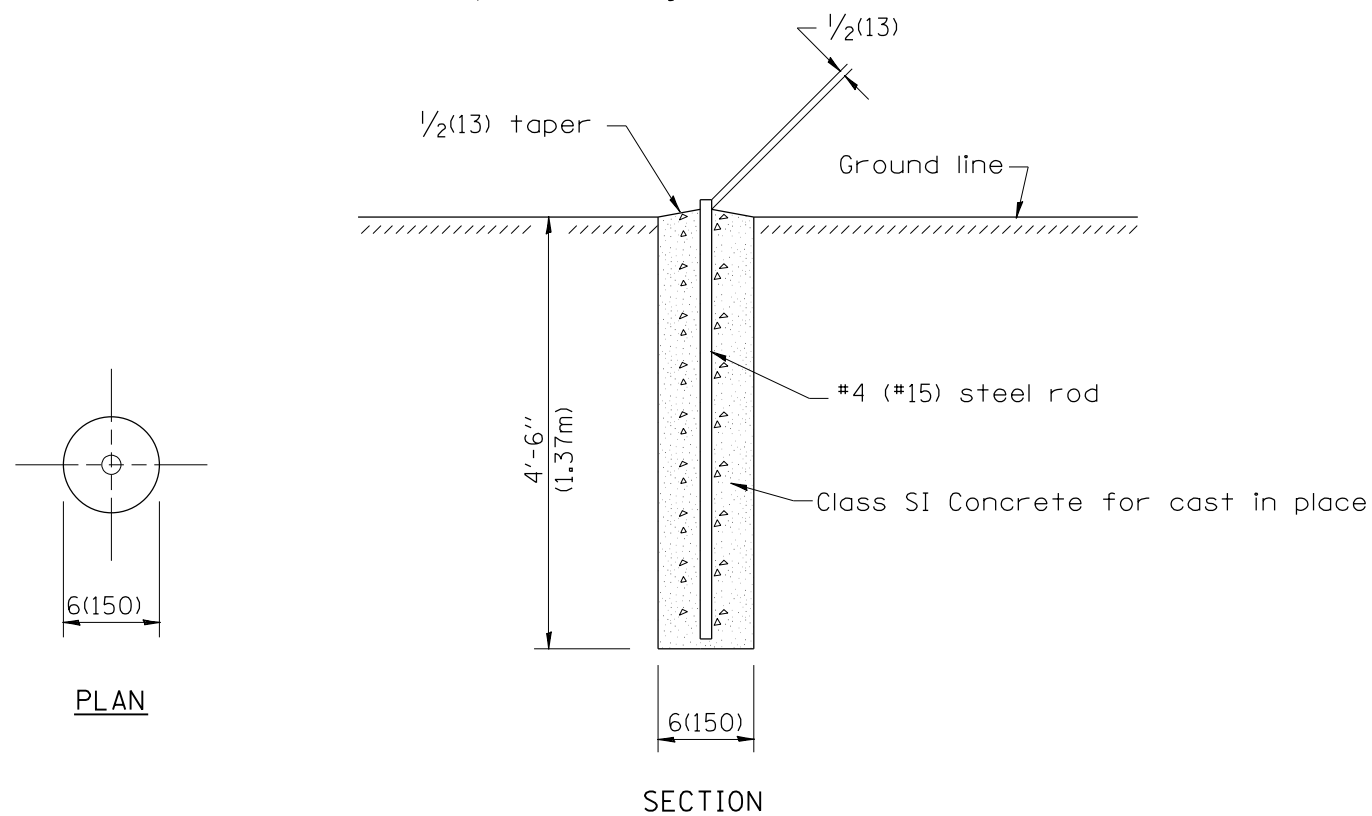
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



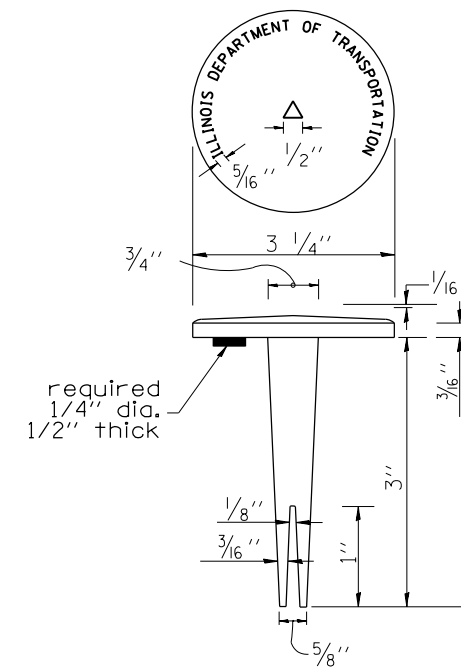
TYPICAL APPLICATION

GENERAL NOTES

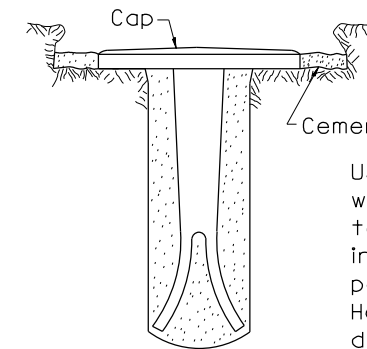
1. The marker shall be cast in place of Class SI Concrete.
2. Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
3. The tie distances to the section corner shall be measured and recorded by the surveyor setting the PSM. All ties shall be turned over to the IDOT Chief of Surveys or Chief of Plats for recordation.
4. All documentation shall be performed by a PLS



PERMANENT SURVEY MARKERS

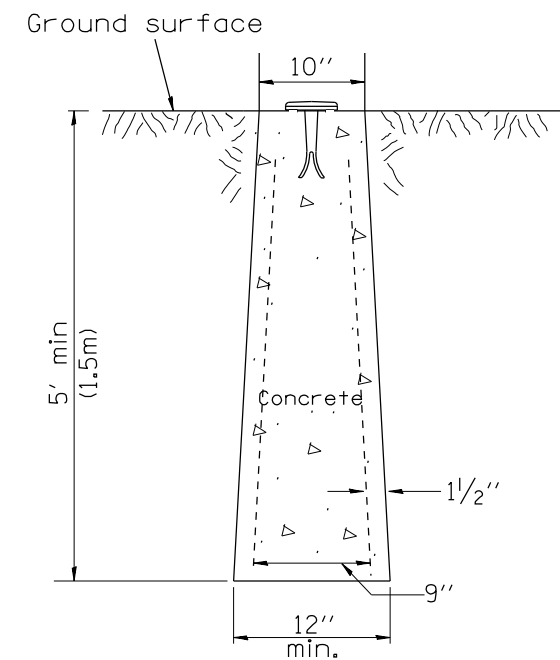


BRASS TABLET



Tablet constructed in rock ledge or concrete.

TYPE I



**TYPE II
CAST-IN-PLACE MARKER**

GENERAL NOTES

1. All type II markers shall be cast in place, and precast markers will not be allowed.
2. Two permanent magnets, each having a diameter of 3/4 (19) and a thickness of 1/4 (6), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
3. The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s, P.C.'s, and P.I.'s located within the R.O.W. of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 1000' (300m).
4. The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
5. The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-103.02, NEW REVISION BOX,	T.P.	03-15-12	REMOVED HATCHING ON RAMP	R.D.
	REVISED GENERAL NOTES				
09-15-05	REVISED DESIGNER NOTE	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

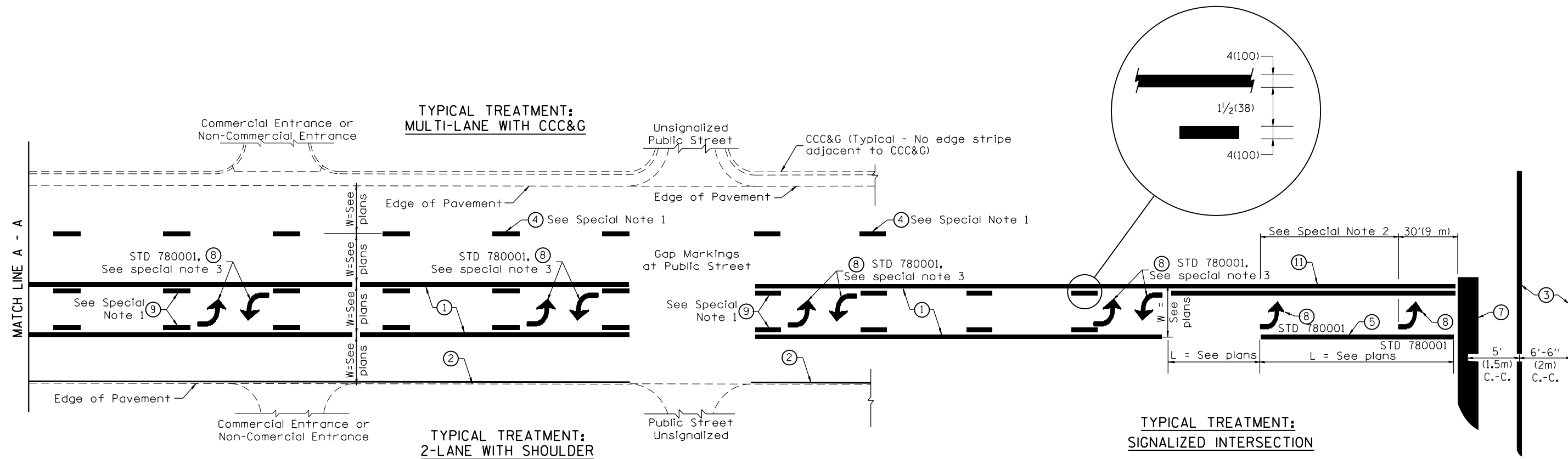
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

**PERMANENT SURVEY TIE &
PERMANENT SURVEY MARKERS TY.I - TY.II**

CADD STD. 667101-D4

F.A.P. 317/ 630	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RT.	(129,20)N	FULTON	89	69
US 24/IL 100			CONTRACT NO. 68B45	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE
WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION**

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

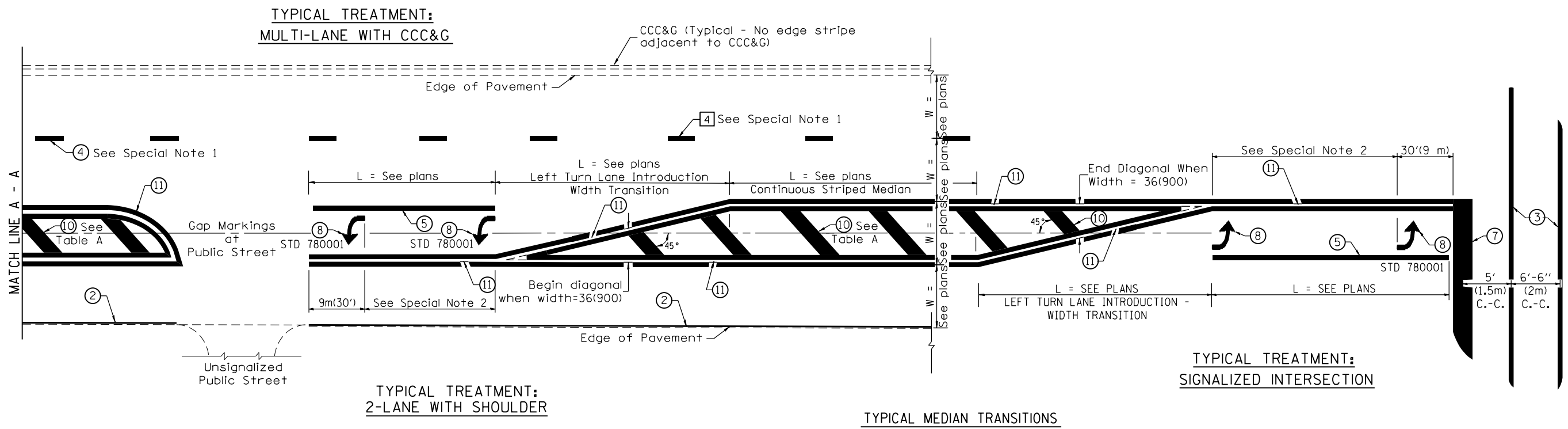
SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

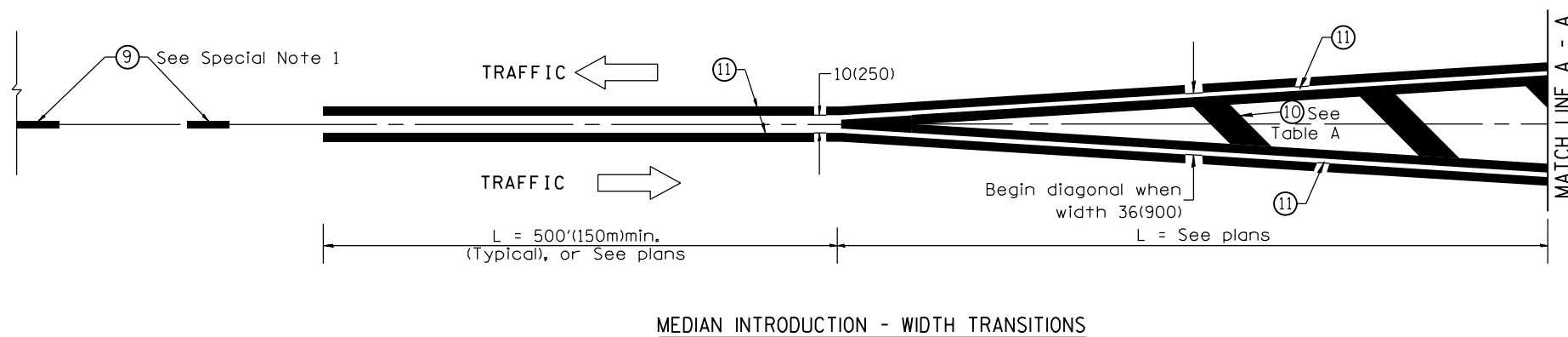
01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	NOT TO SCALE	SHT. 1 OF 2 CADD STD. 780001-D4	F.A.P. 317/ 630	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.							(129,20N)	FULTON	89	70	
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.							US 24/IL 100			CONTRACT NO. 68B45	
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.							FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

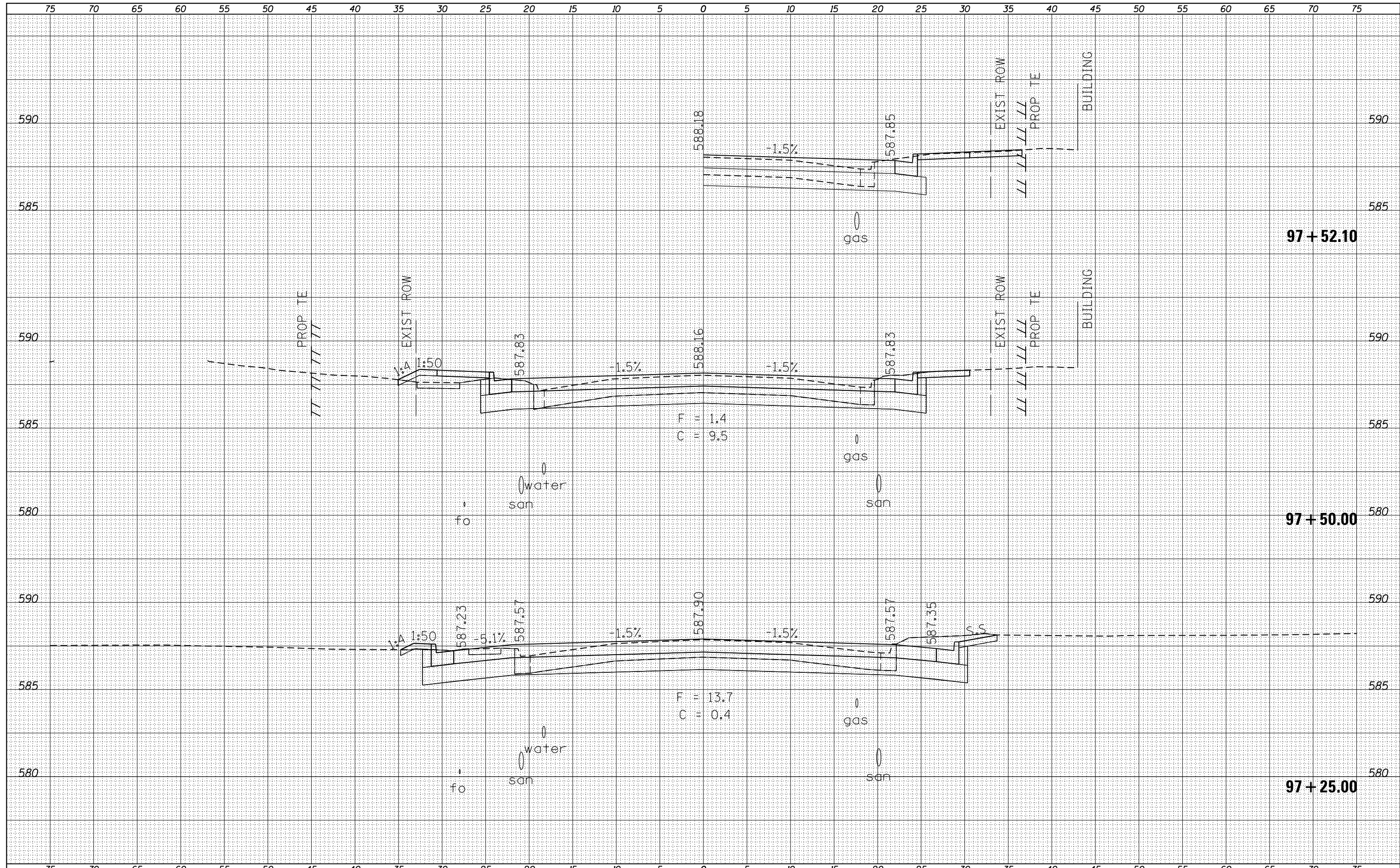
SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



All dimensions are in inches (millimeters) unless otherwise noted.

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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



FILE NAME : xsecsheets.dgn
 USER NAME : aubreys
 PLOT SCALE : 10.0000' / in.
 PLOT DATE : 5/3/2016

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

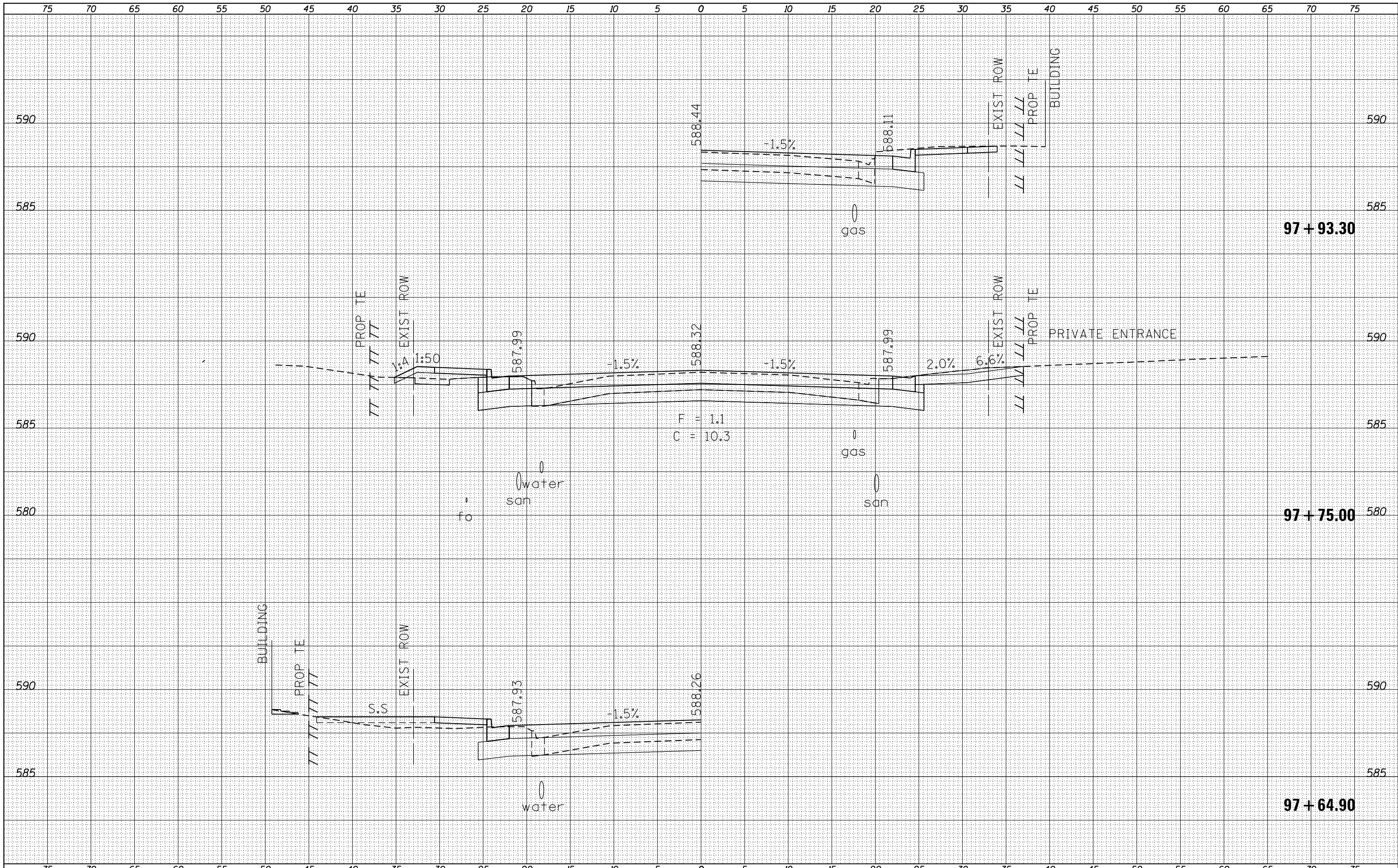
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
Main St (US 24 /IL 100)
 SCALE: SHEET OF SHEETS STA. 97+25.00 TO STA. 100+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(129,20)N	FULTON	89	72
			CONTRACT NO. 68B45	
ILLINOIS FED. AID PROJECT				

BY	DATE

BY	DATE



FILE NAME :	USER NAME : aubreys
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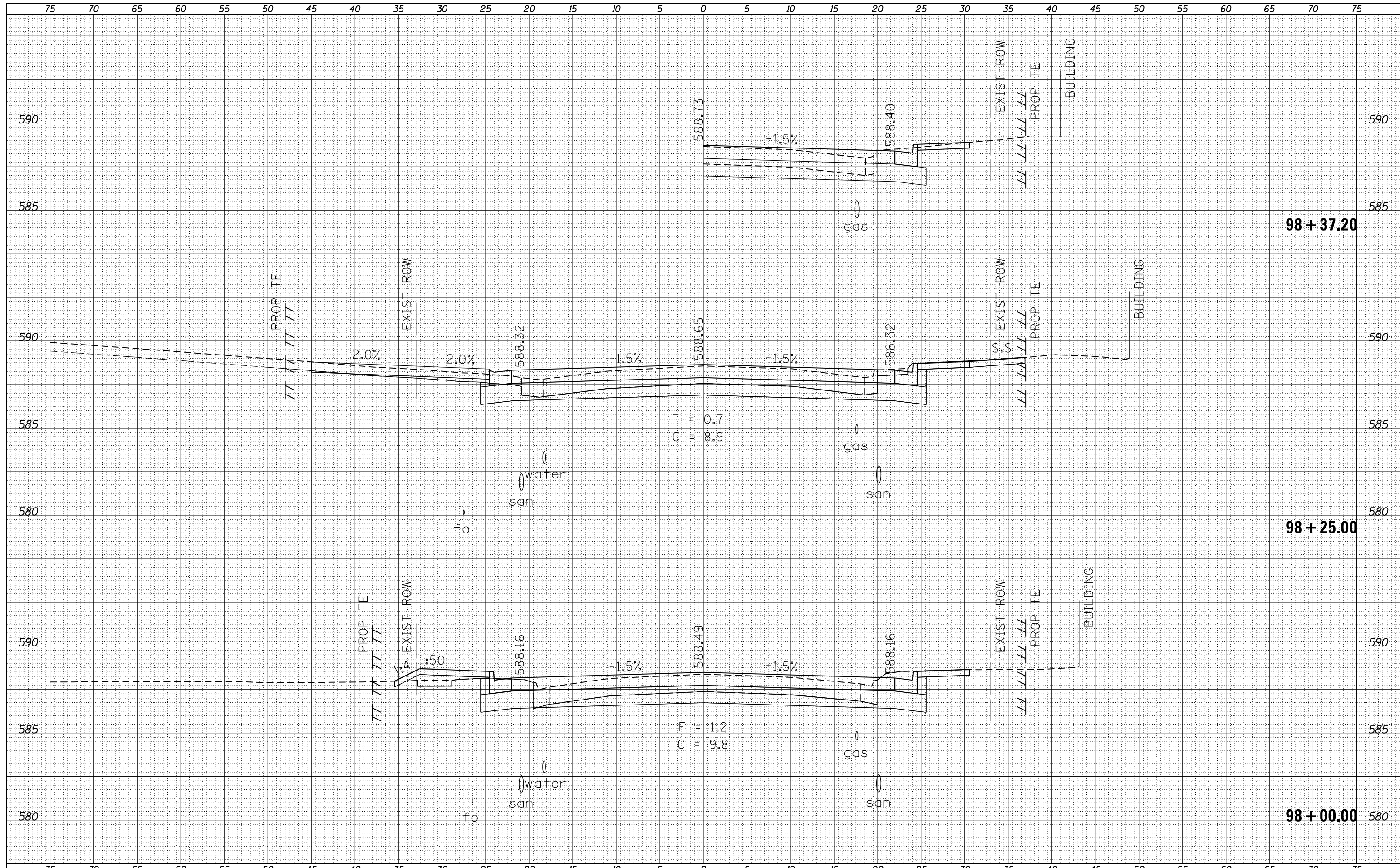
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
Main St (US 24 /IL 100)	
SCALE:	SHEET OF SHEETS
STA. 97+64.90	TO STA. 97+93.30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(129,20)N	FULTON	89	73
				CONTRACT NO. 68B45
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY NO.	
SURVEYED PLOTTED	
TEMPLATE AREAS CHECKED	
NOTE BOOK AREAS CHECKED	

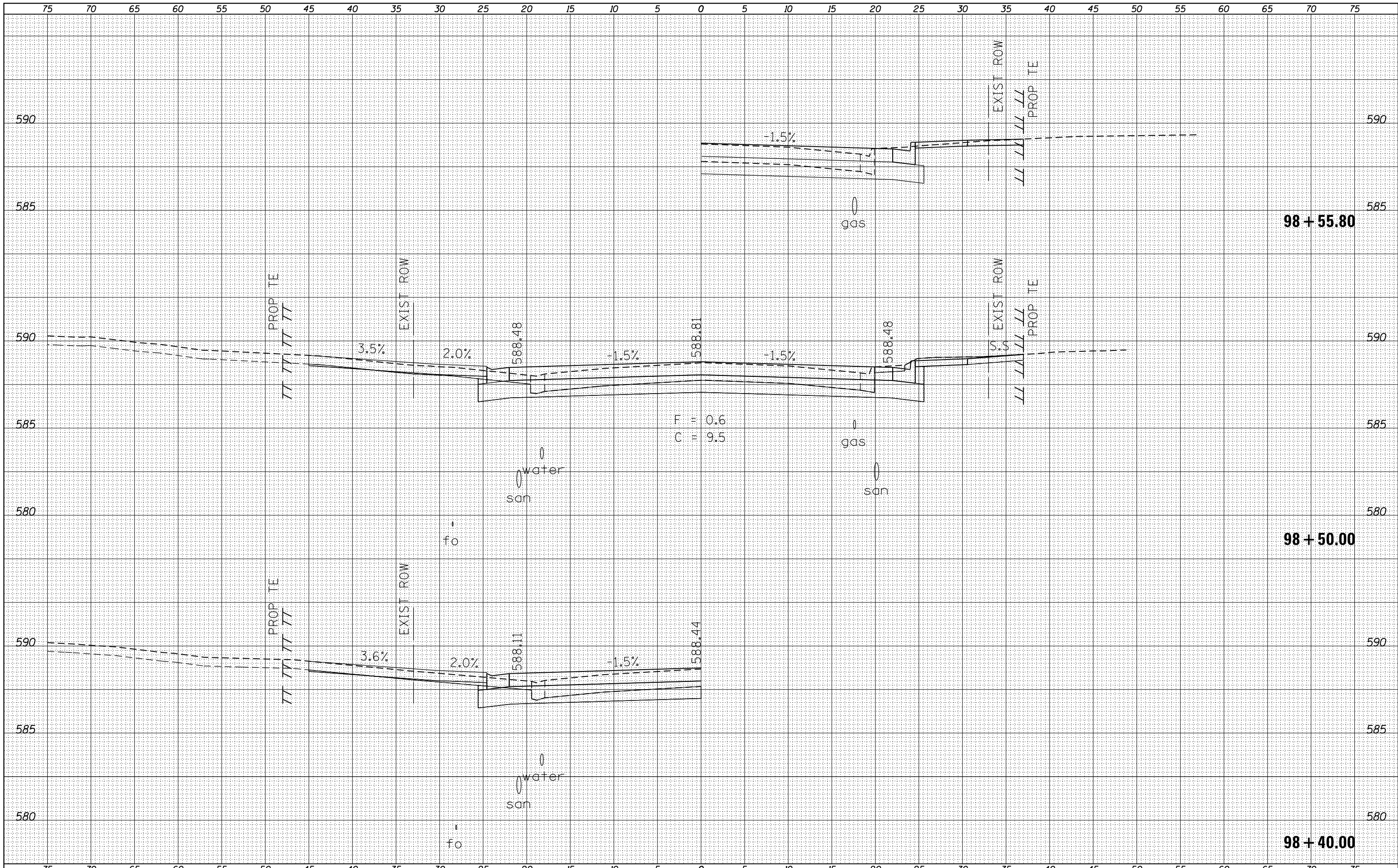
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TEMPLATE AREAS CHECKED	
NOTE BOOK AREAS CHECKED	



FILE NAME : xsecsheets.dgn	USER NAME : aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS Main St (US 24 /IL 100)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE : 10.0000' / in.	DRAWN -	REVISED -					•	(129,20IN)	FULTON	89	74
	PLOT DATE : 5/3/2016	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 98+00.00 TO STA. 98+25.00			CONTRACT NO. 68B45				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

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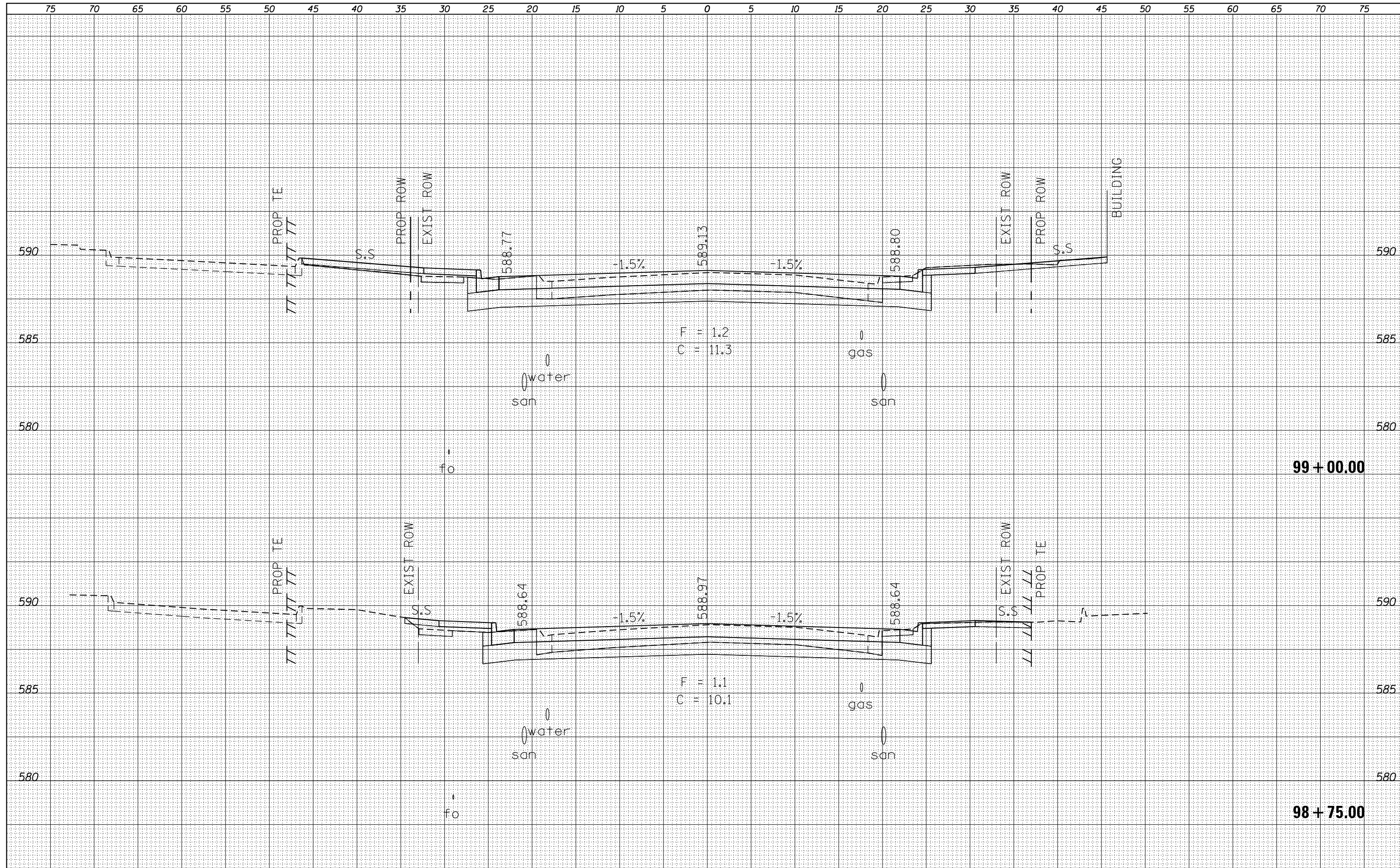
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
Main St (US 24 / IL 100)
 SCALE: SHEET OF SHEETS STA. 98+40.00 TO STA. 98+55.80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	75
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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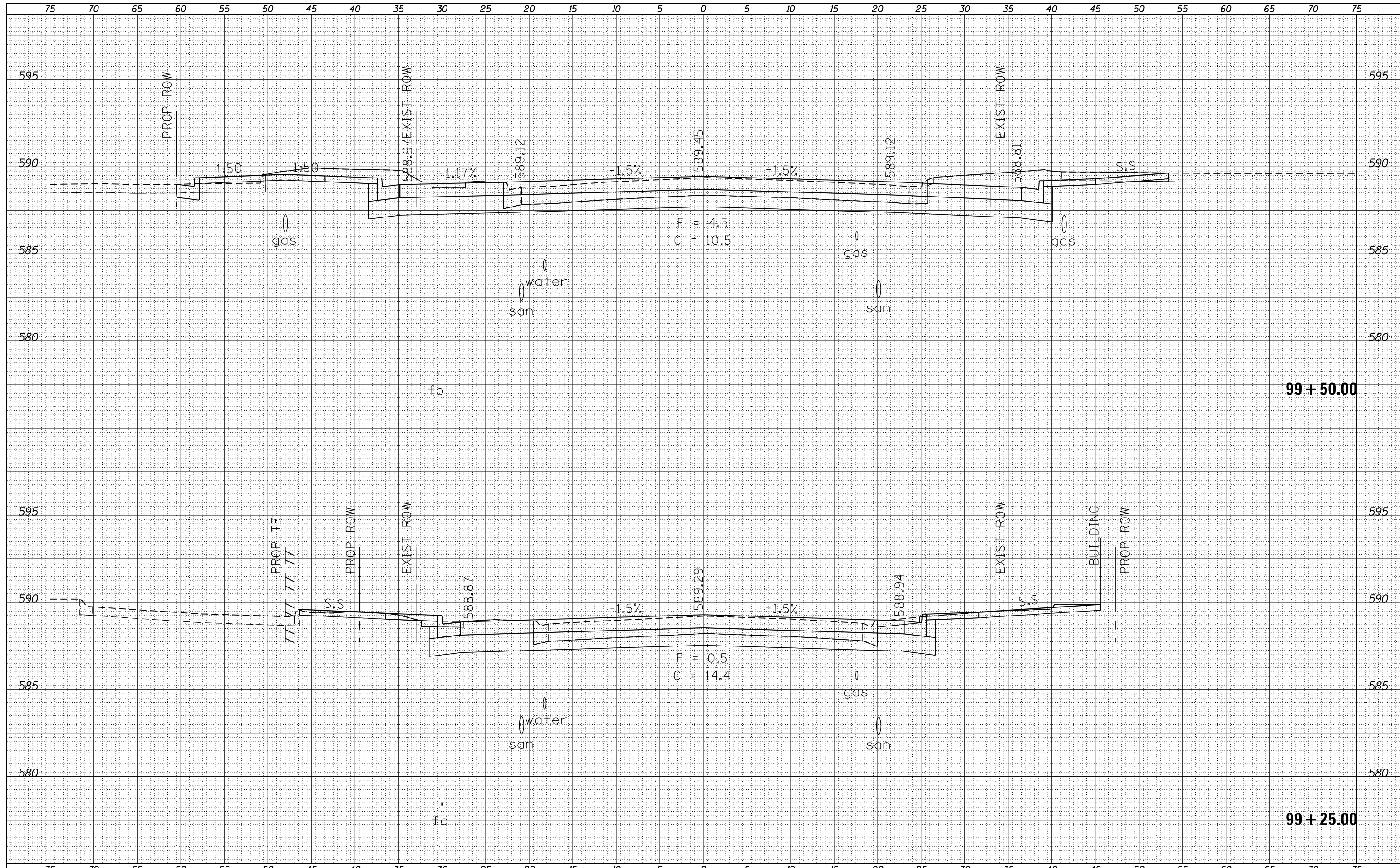
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
Main St (US 24 /IL 100)			
SCALE:	SHEET	OF	SHEETS
			STA. 98+75.00 TO STA. 99+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	76
				CONTRACT NO. 68B45
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY NO.	
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FILE NAME = xsecsheets.dgn
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 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 5/3/2016

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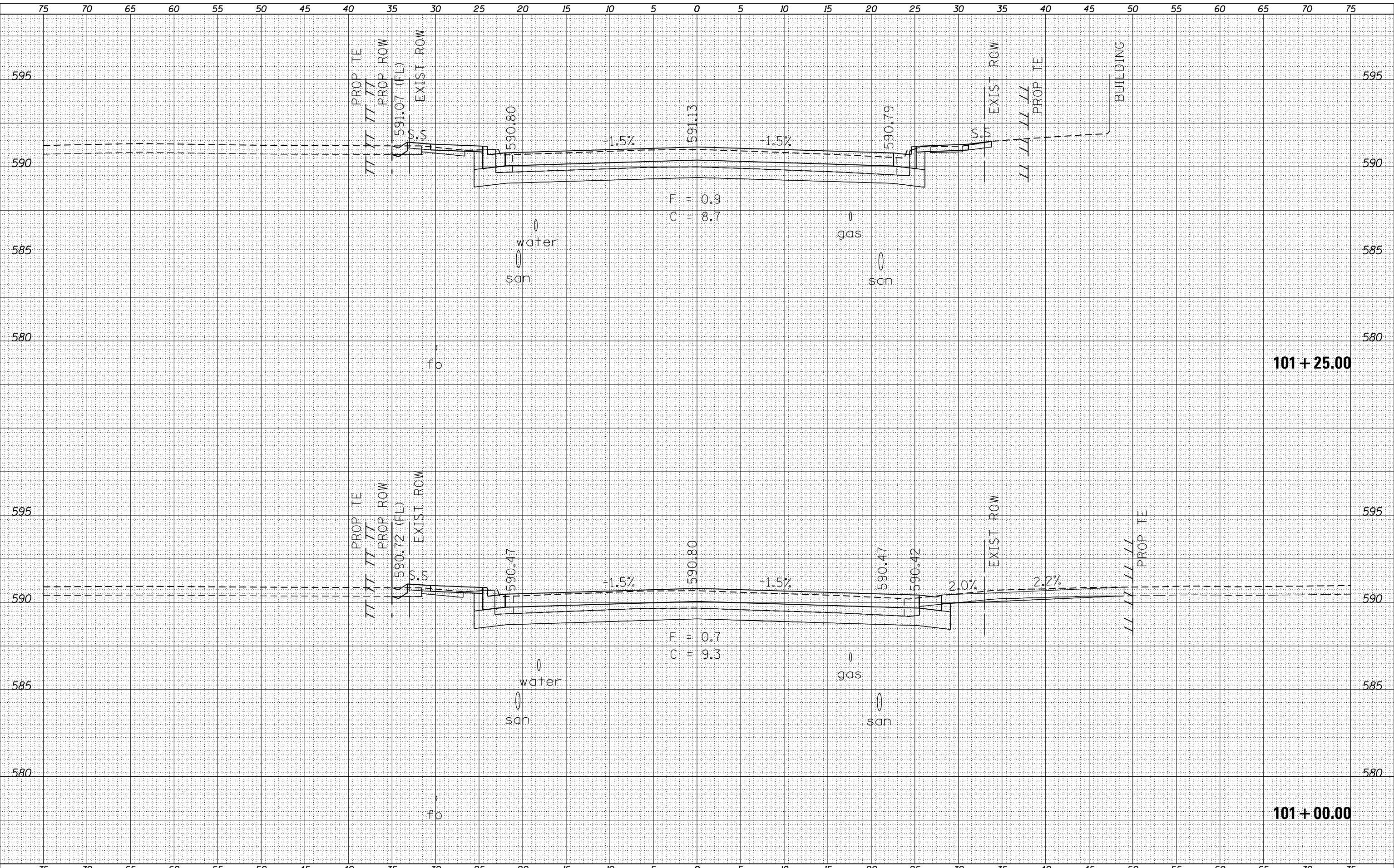
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
Main St (US 24 / IL 100)			
SCALE:	SHEET	OF	SHEETS
			STA. 99+25.00 TO STA. 99+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	77
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				

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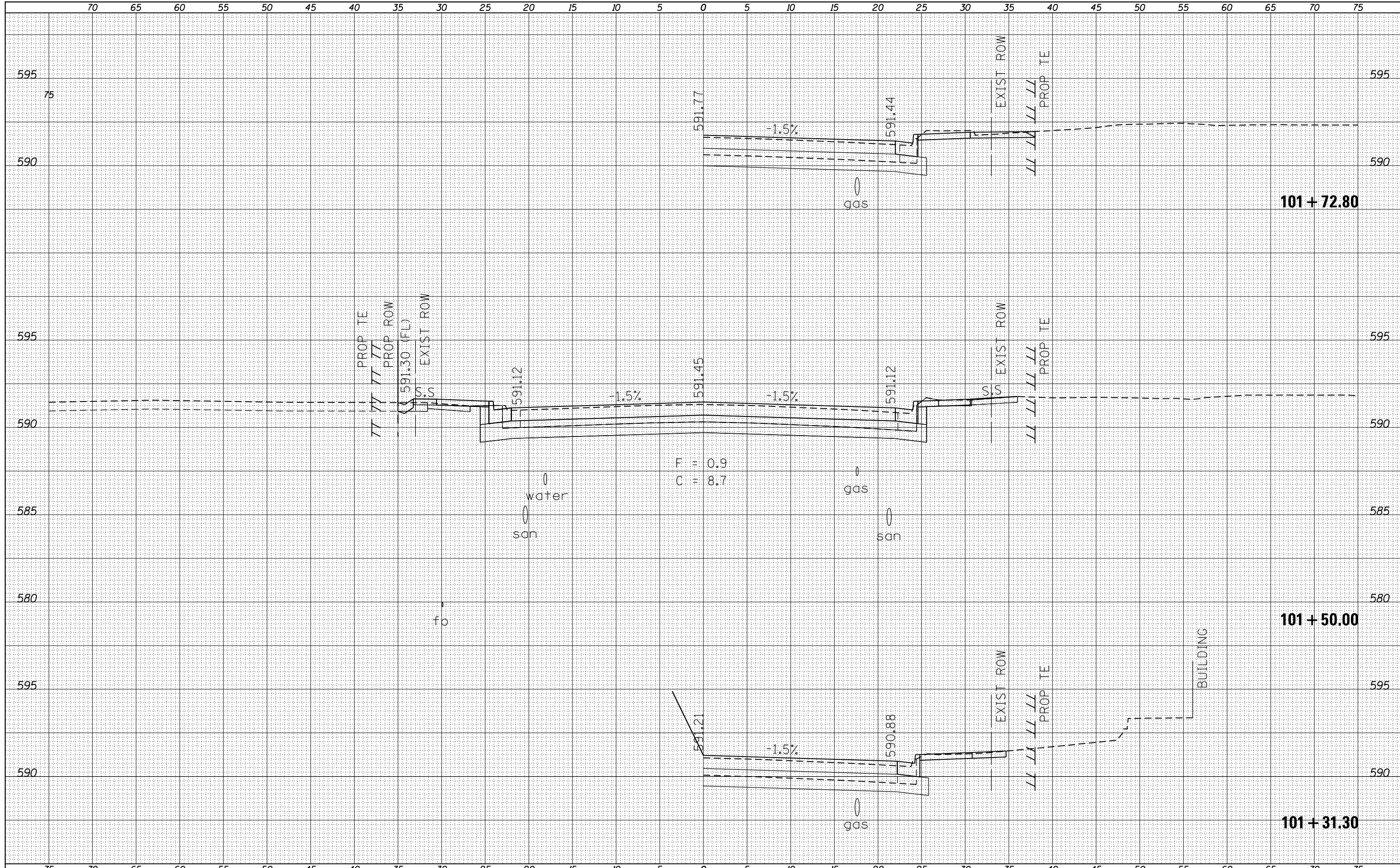
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NOTE BOOK _____
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Default	PLOT SCALE = 10.0000' / in. PLOT DATE = 5/3/2016				SCALE:	SHEET	OF	SHEETS	STA. 101+00.00	TO STA. 101+25.00	ILLINOIS FED. AID PROJECT CONTRACT NO. 68B45 • 317 / 622

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FILE NAME = xsecsheets.dgn
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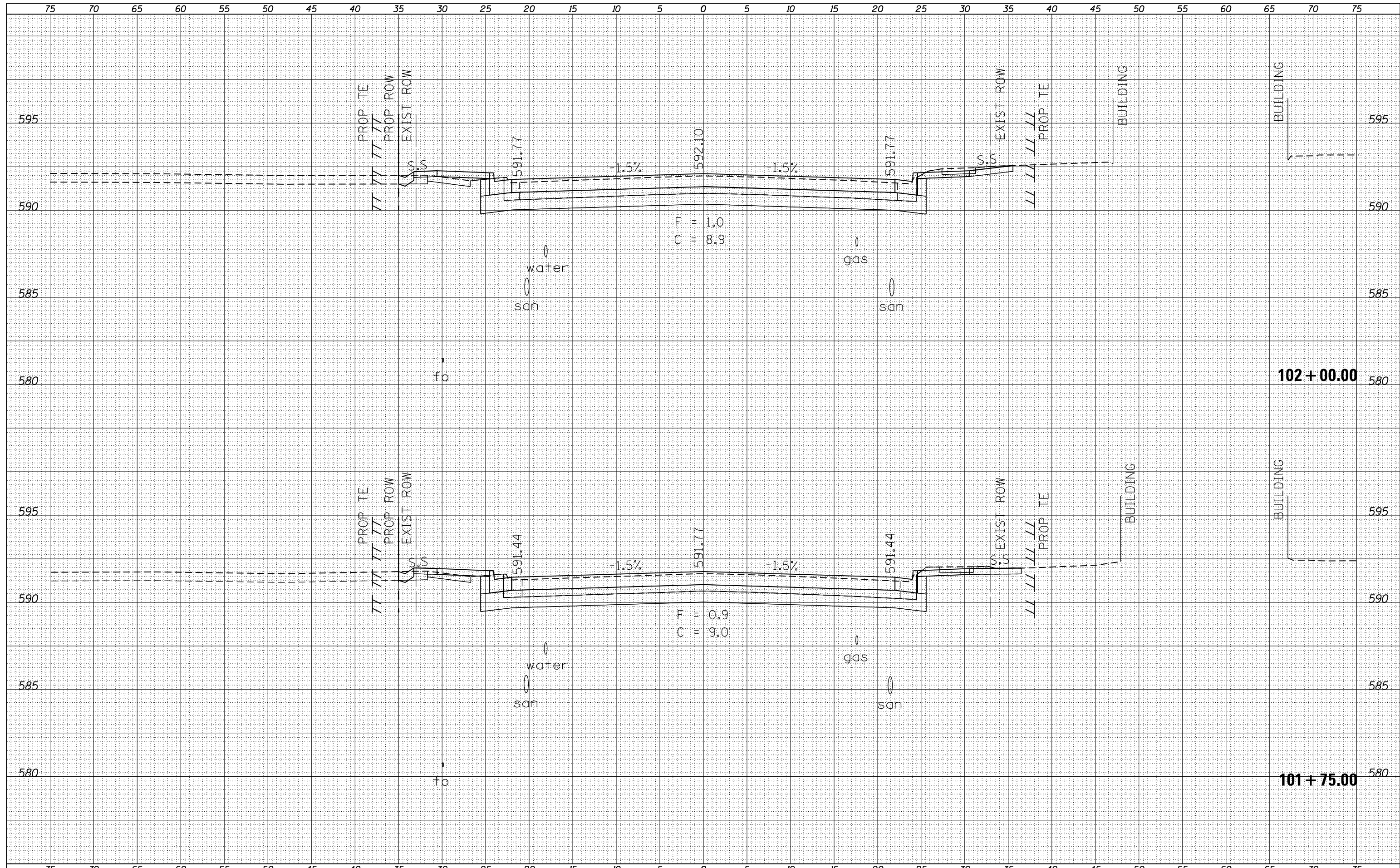
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 Main St (IL 97 / IL 100)
 SCALE: SHEET OF SHEETS STA. 101+31.30 TO STA. 100+72.80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(129,20)N	FULTON	89	80
				CONTRACT NO. 68B45

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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USER NAME = aubreys
 PLOT SCALE = 10.0000' / in.
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

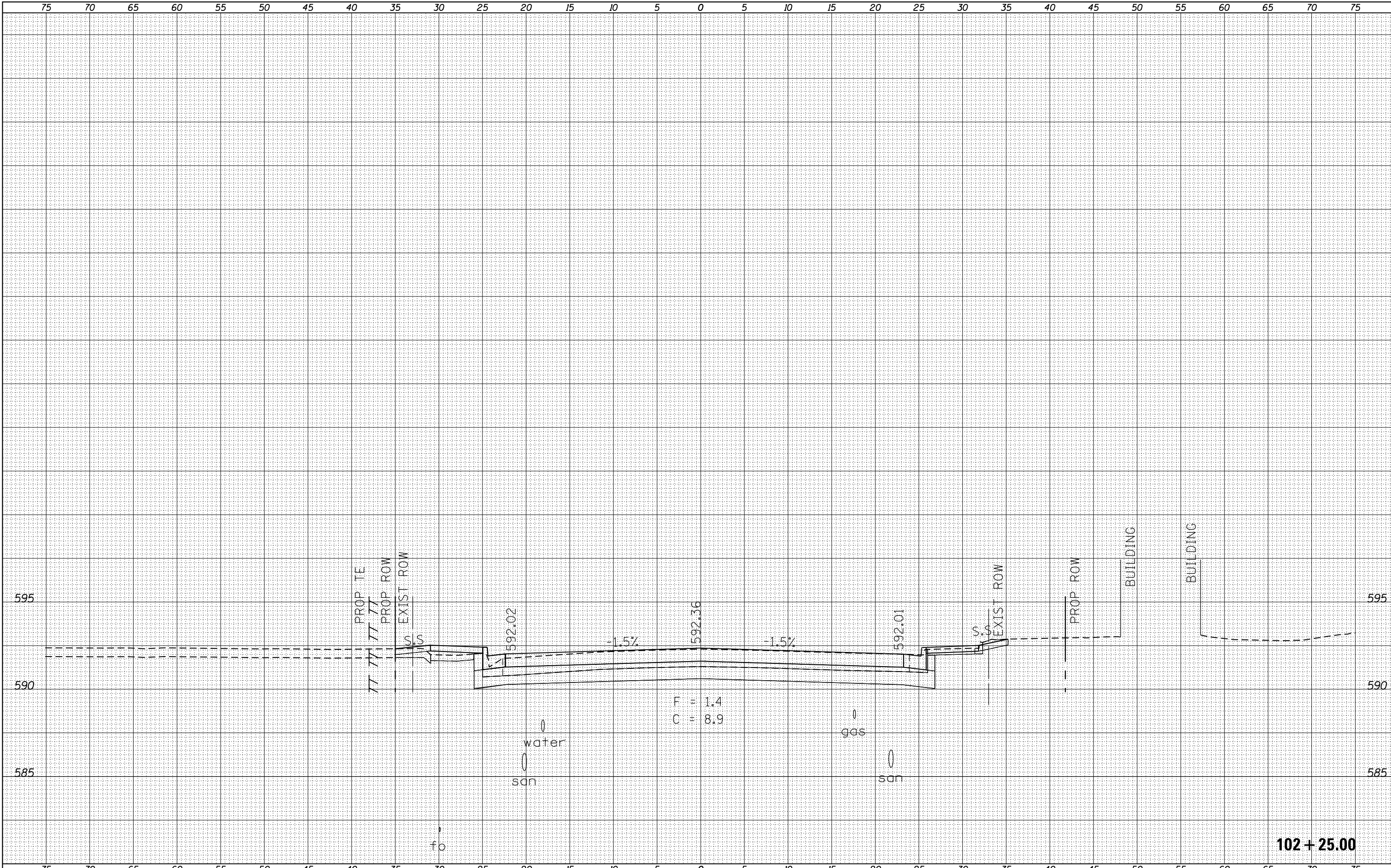
CROSS SECTIONS
Main St (IL 97 / IL 100)
SCALE: SHEET OF SHEETS STA. 101+75.00 TO STA. 102+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(129,20N)	FULTON	89	81
				CONTRACT NO. 68B45

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

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FILE NAME : xsecsheets.dgn

USER NAME : aubreys

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DEPARTMENT OF TRANSPORTATION

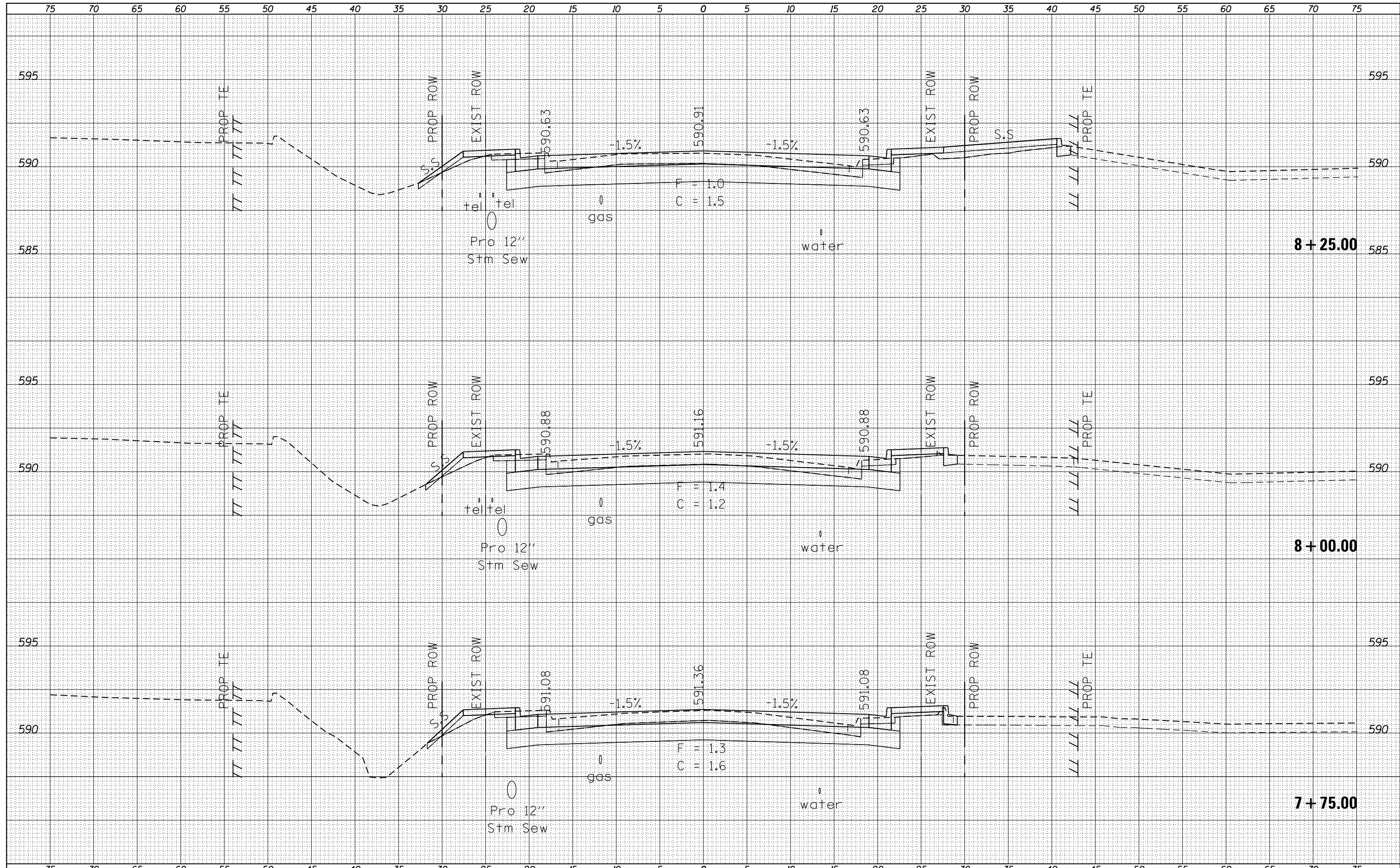
CROSS SECTIONS
Main St (IL 97 / IL 100)

SCALE: SHEET OF SHEETS STA. 102+25.00 TO STA. 100+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	(129,20)N	FULTON	89	82
CONTRACT NO. 68B45			ILLINOIS FED. AID PROJECT	

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NOTE BOOK	PLOTTED
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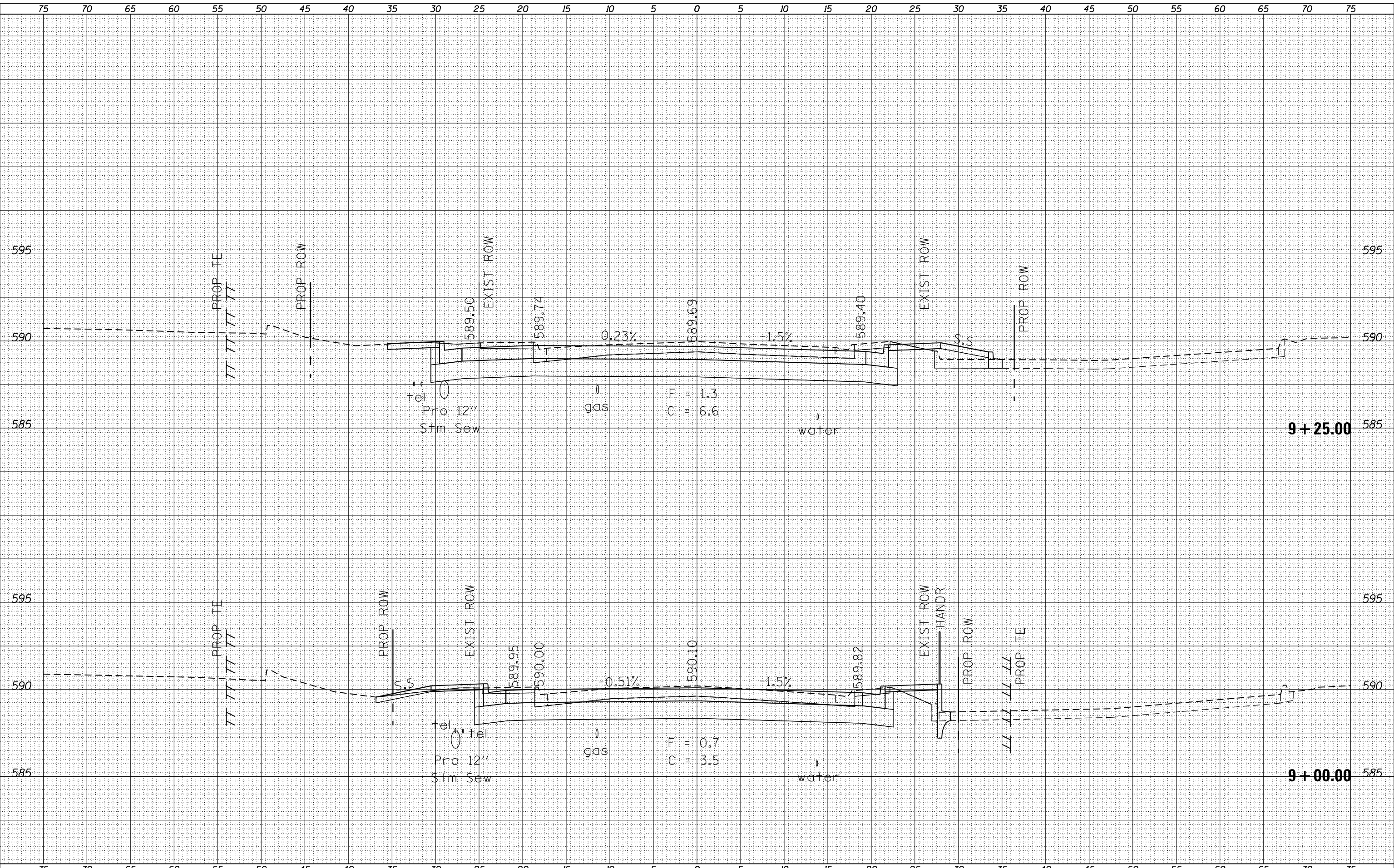
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME : xsecsheets.dgn	USER NAME : aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS Avenue E			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE : 10.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 7+75.00	TO STA. 8+25.00	FULTON	89	83
	PLOT DATE : 5/3/2016	CHECKED -	REVISED -										
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FILE NAME = xsecsheets.dgn
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 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 5/3/2016

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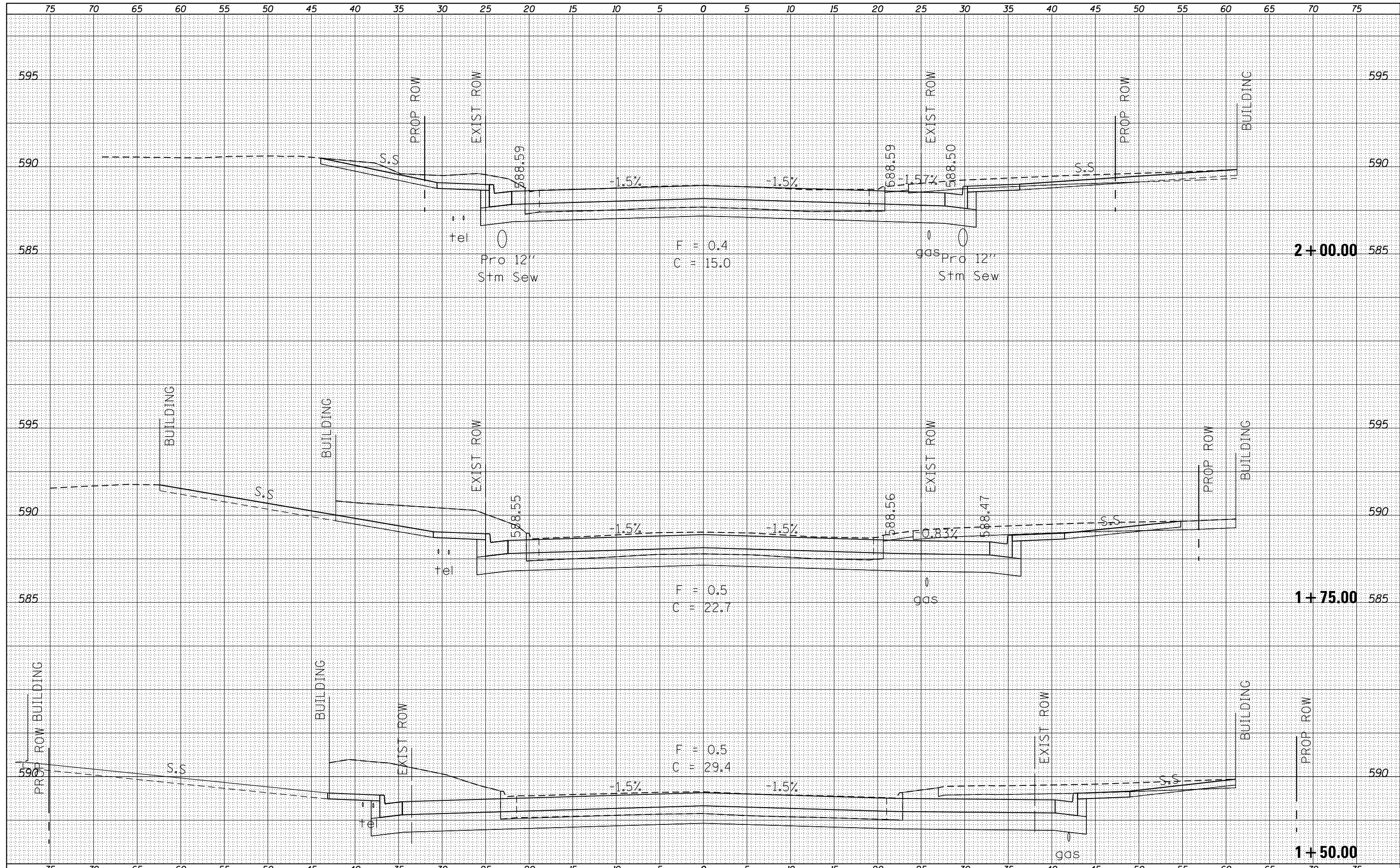
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
Avenue E
 SCALE: SHEET OF SHEETS STA. 9+00.00 TO STA. 9+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(129,20)N	FULTON	89	85
CONTRACT NO. 68B45				

DATE	
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FINAL SURVEY NO.	
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FILE NAME : xsecsheets.dgn
 USER NAME : aubreys
 PLOT SCALE : 10.0000' / in.
 PLOT DATE : 5/3/2016

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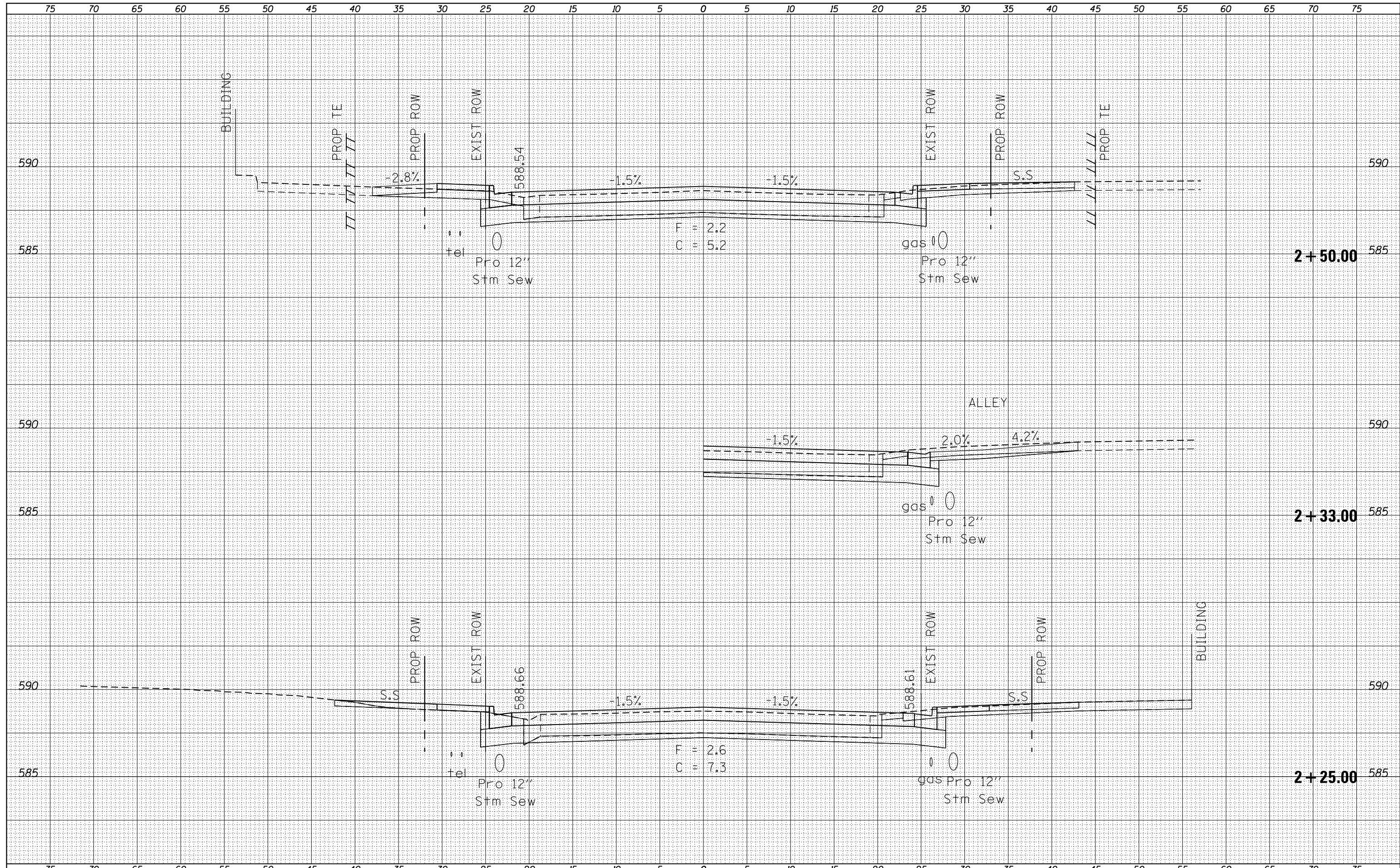
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
Avenue E (US 24 /IL 97)
 SCALE: SHEET OF SHEETS STA. 9756.000 TO STA. 9782.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	86
				CONTRACT NO. 68B45
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME = xsecsheets.dgn
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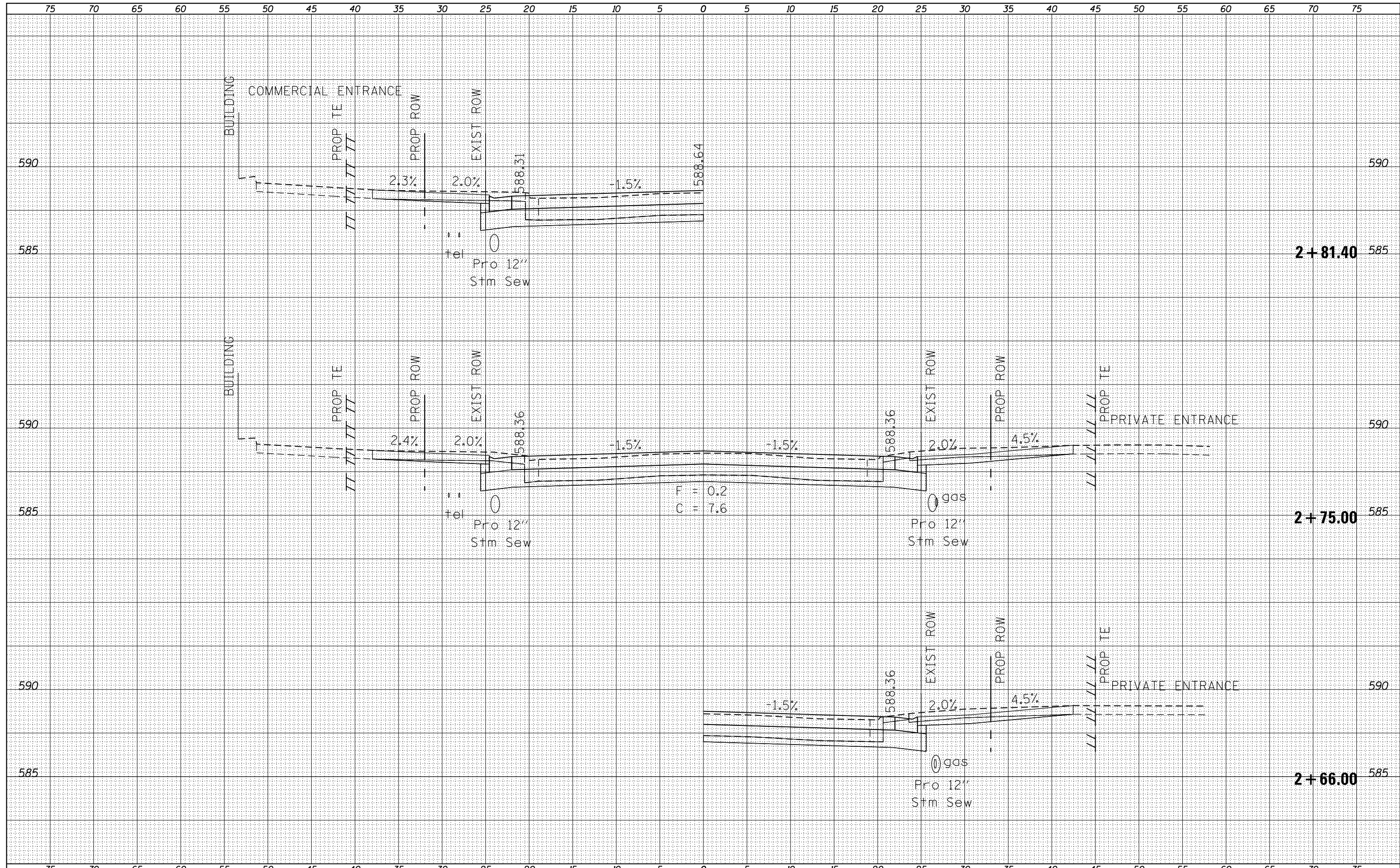
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
Avenue E (US 24 /IL 97)
 SCALE: SHEET OF SHEETS STA. 2+25.00 TO STA. 2+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	87
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				

DATE	
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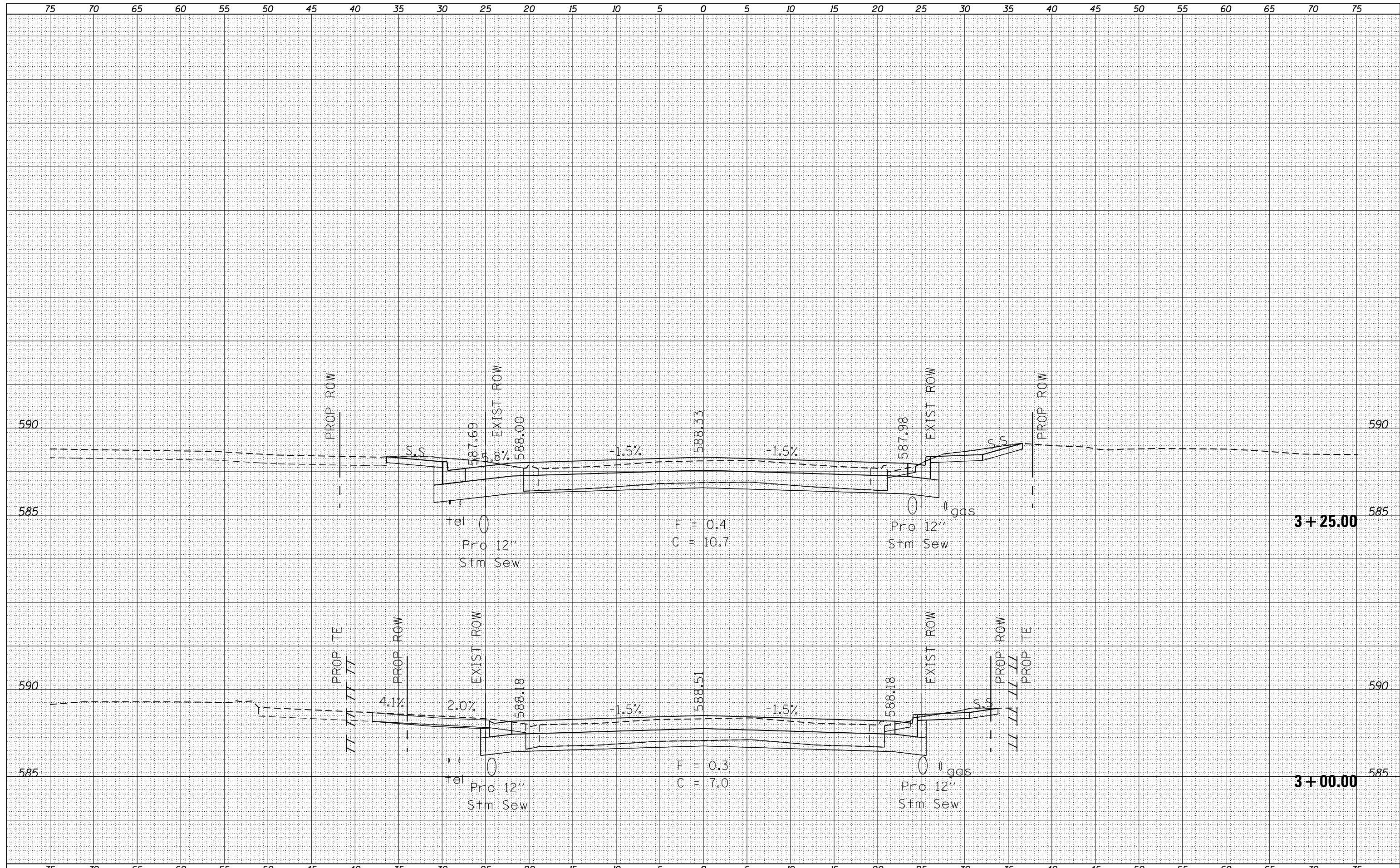
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
Avenue E (US 24 /IL 97)
 SCALE: SHEET OF SHEETS STA. 2+66.00 TO STA. 2+81.40

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	88
			CONTRACT NO. 68B45	
ILLINOIS FED. AID PROJECT				

DATE	
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 Avenue E (US 24 /IL 97)
 SCALE: SHEET OF SHEETS STA. 3+00.00 TO STA. 3+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(129,20)N	FULTON	89	89
CONTRACT NO. 68B45				
ILLINOIS FED. AID PROJECT				