

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	1
		ILLINOIS	CONTRACT NO. 95958	

06-14-2024 LETTING ITEM 217

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR LIST OF IDOT HIGHWAY STANDARDS SEE SHEET NO. 2

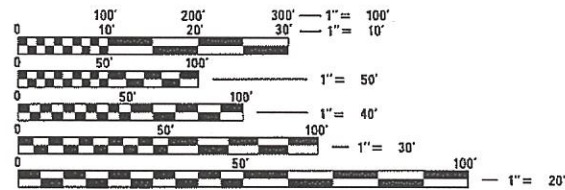
# PROPOSED HIGHWAY PLANS

STU FUNDS  
FAU ROUTE 7640 (DOUGLAS STREET)  
SECTION 19-00118-00-WR  
PROJECT B7SG(882)  
RECONSTRUCTION  
COLES COUNTY

C-97-059-22



**DOUGLAS STREET**  
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR  
2020 ADT = 1550, 2.9% MU & SU, 97.1% PV  
2043 ADT = 1900, 3.2% MU & SU, 96.8% PV

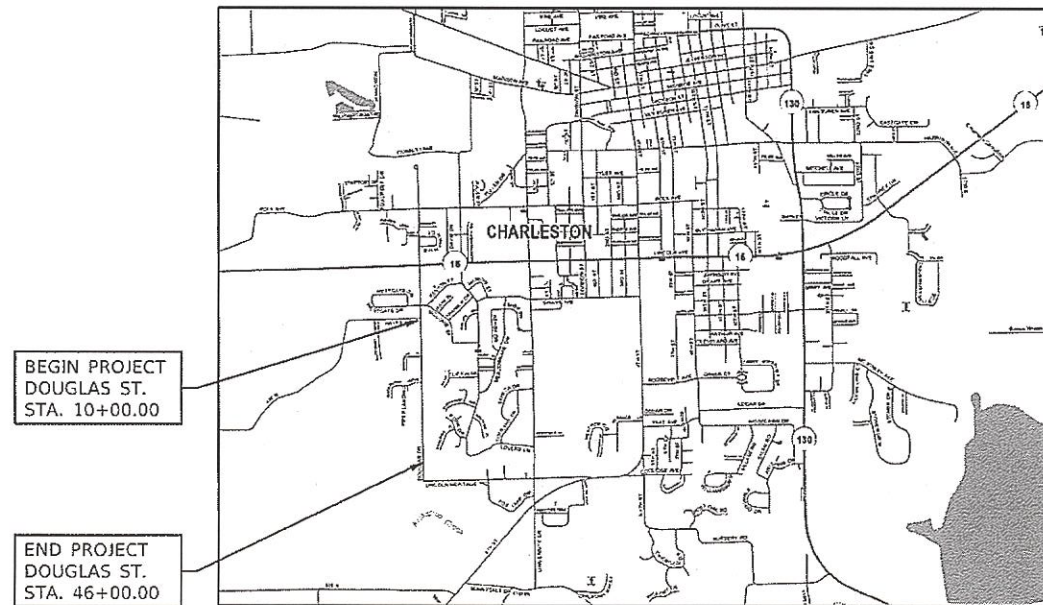


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER STAN FEARDAY  
PROJECT MANAGER SCOTT LACKEY

CONTRACT NO. 95958



GROSS LENGTH = 3,600.00 FT. = 0.682 MILE  
NET LENGTH = 3,600.00 FT. = 0.682 MILE



STAN J. FEARDAY  
LICENSE EXPIRES 11-30-2025  
THE UPCHURCH GROUP, INC.  
123 NORTH 15th STREET  
MATTOON, ILLINOIS 61938

APPROVED 4/12/24  
C.O. Buescher  
LOCAL AGENCY, CITY ENGINEER

PASSED 04/16/24  
[Signature]  
DISTRICT SEVEN ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW 04/16/24  
[Signature]  
REGION FOUR ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

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**COMMITMENTS**

PROPERTY AT STA. 25+27.20, LT - PROVIDE WIDER ENTRANCE FOR PARKING AREA

PROPERTY AT STA. 28+11.05, LT - RELOCATE PRIVATE LIGHT POLE TO OUTSIDE PROPOSED R.O.W.

**HMA MIX TABLE**

LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
MAINLINE	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (TOP LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	3000	N/A
MAINLINE	HMA BINDER COURSE, IL-9.5FG, N70 (SECOND LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	QC/QA	3000	N/A
MAINLINE	HMA BINDER COURSE, IL-19.0, N70 (BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QC/QA	3000	N/A

**HIGHWAY STANDARDS**

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
 001001-02 AREAS OF REINFORCEMENT BARS  
 001006 DECIMAL OF AN INCH AND OF A FOOT  
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS  
 420001-10 PAVEMENT JOINTS  
 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT  
 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS  
 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION  
 602301-04 INLET - TYPE A  
 602306-03 INLET - TYPE B  
 602401-07 PRECAST MANHOLE TYPE A 4' (1.22 M) DIAMETER  
 602402-03 PRECAST MANHOLE TYPE A 5' (1.52 M) DIAMETER  
 602406-11 PRECAST MANHOLE TYPE A 6' (1.83 M) DIAMETER  
 602411-09 PRECAST MANHOLE TYPE A 7' (2.13 M) DIAMETER  
 602416-09 PRECAST MANHOLE TYPE A 8' (2.44 M) DIAMETER  
 602601-06 PRECAST REINFORCED CONCRETE FLAT SLAB TOP  
 602701-02 MANHOLE STEPS  
 604001-05 FRAME AND LIDS, TYPE 1  
 604036-03 GRATE, TYPE 8  
 604051-04 FRAME AND GRATE, TYPE 11  
 604056-04 FRAME AND GRATE, TYPE 11V  
 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER  
 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY  
 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE  
 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY  
 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS  
 701311-03 LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY  
 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED  
 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE  
 701901-09 TRAFFIC CONTROL DEVICES  
 720001-01 SIGN PANEL MOUNTING DETAILS  
 720006-04 SIGN PANEL ERECTION DETAILS  
 728001-01 TELESCOPING STEEL SIGN SUPPORT  
 780001-05 TYPICAL PAVEMENT MARKINGS

**GENERAL NOTES**

- ADJUSTMENTS AND RELOCATIONS OF WATER MAINS, FIRE HYDRANTS, AND WATER SERVICES SHALL BE DONE BY THE CITY OF CHARLESTON AND CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS 8TH EDITION.
- ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST OF THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AS LISTED ON THE COVER SHEET.
- UTILITY LOCATIONS WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES. LOCATION ACCURACY SHOULD BE CONSIDERED APPROXIMATE. THE CITY AND ITS ENGINEER ASSUME NO RESPONSIBILITY WHATSOEVER FOR THE ACCURACY OF THE LOCATIONS SHOWN OR FOR THE COMPLETENESS OF THE DEPICTED UTILITY INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE EXACT UTILITY LOCATIONS AND TO PROTECT THEM.
- NOTIFY J.U.L.I.E. 1-800-892-0123 FOR FIELD LOCATES OF NON-CITY UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS IN ADVANCE OF THE ANTICIPATED START OF CONSTRUCTION OPERATIONS THAT WILL INVOLVE EXISTING OR RELOCATED UTILITY FACILITIES.
- ANY HAUL ROUTES SELECTED BY THE CONTRACTOR WITHIN THE CITY LIMITS SHALL REQUIRE PRIOR APPROVAL BY THE CITY OF CHARLESTON ENGINEER.
- DRIVEWAY CENTERLINE ARE PERPENDICULAR TO THE PROPOSED DOUGLAS STREET UNLESS OTHERWISE SHOWN ON THE PLANS.
- ABANDONED SEWERS AND OPENINGS CREATED IN DRAINAGE STRUCTURES BY THE REMOVAL OF SEWERS SHALL BE PLUGGED IN ACCORDANCE WITH ARTICLE 550.05 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE STORM SEWER ITEMS.
- EXISTING PAVEMENT, SIDEWALKS AND/OR COMBINATION CURB AND GUTTER WHICH ARE TO BE JOINED TO THE PROPOSED WORK SHALL BE SO JOINED THROUGH SAW CUT JUNCTIONS UNLESS EXISTING PAVING WAS TERMINATED IN A BULKHEAD CONSTRUCTION JOINT. JOINTS BETWEEN EXISTING AND PROPOSED PAVEMENT (OR CURB AND GUTTER) SHALL BE OF THE SAME TYPE AS EQUIVALENT JOINTS IN THE PROPOSED PAVEMENT (OR CURB AND GUTTER). DRILLING AND GROUTING TIE BARS OR DOWEL BARS INTO EXISTING PAVEMENT (OR CURB AND GUTTER) SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEM FOR THE ADJACENT PROPOSED PAVING WORK.
- ALL PAVEMENT STUBS SHALL BE A MINIMUM OF ONE FOOT IN WIDTH UNLESS SPECIFICALLY DIMENSIONED OTHERWISE. WHERE PCC CONCRETE PAVEMENT IS LESS THAN THE REQUIRED STUB WIDTH, IT SHALL BE Poured MONOLITHICALLY WITH THE COMBINATION CONCRETE CURB AND GUTTER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT TO THE CITY TO DETERMINE APPROVED METHODS OF UTILITY STRUCTURE ADJUSTMENT. UTILITY STRUCTURES MAY INCLUDE, BUT ARE NOT LIMITED TO MANHOLES, WATER VALVE VAULTS, ETC. WITHIN THE PAVEMENT. ALL MATERIALS AND WORK NECESSARY TO COMPLETE THE ADJUSTMENTS PER CITY REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED ADJUSTMENT PAY ITEM.
- IN AREAS TO BE SEEDED, THE TOP 4 INCHES SHALL CONSIST OF MATERIAL CAPABLE OF SUPPORTING AND GERMINATING VEGETATION.
- WHEN THE SURFACE OF THE EXISTING PAVEMENT IS WITHIN 6 INCHES OF THE ELEVATION OF THE SUBGRADE, IT SHALL BE PLOWED, DISKED, OR OTHERWISE GROUND UP TO A DEPTH OF NOT LESS THAN 6 INCHES.

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TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/15/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 INDEX OF SHEETS, LIST OF STANDARDS, GENERAL NOTES**

SCALE: 2.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	2
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	



CODE NO.	ITEM	UNIT	QUANTITY
28000500	INLET AND PIPE PROTECTION	EACH	109
28100107	STONE RIPRAP, CLASS A4	SQ YD	60
28100109	STONE RIPRAP, CLASS A5	SQ YD	31
28100111	STONE RIPRAP, CLASS A6	SQ YD	36
28200200	FILTER FABRIC	SQ YD	126
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1034
35101400	AGGREGATE BASE COURSE, TYPE B	TON	694
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	12719
40200700	AGGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	680
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	401
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5724
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	7526
40600990	TEMPORARY RAMP	SQ YD	188
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	937

\* SPECIALTY ITEMS

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PLOT DATE = 4/11/2024	DATE = 11/30/23	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DOUGLAS STREET RECONSTRUCTION  
SUMMARY OF QUANTITIES

SCALE 2.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-VR	COLES	154	4
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	







CODE NO.	ITEM	UNIT	QUANTITY
550B0480	STORM SEWERS, CLASS B, TYPE 2 48"	FOOT	326
55100500	STORM SEWER REMOVAL 12"	FOOT	338
55100900	STORM SEWER REMOVAL 18"	FOOT	42
55101200	STORM SEWER REMOVAL 24"	FOOT	14
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	6
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1
60222000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
60224445	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
60224461	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	10
60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	1

\* SPECIALTY ITEMS

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PLOT DATE = 4/11/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SUMMARY OF QUANTITIES**

SCALE 2.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	7
			CONTRACT NO. 95958	
			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	QUANTITY
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	7
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	29
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	3
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	3
60240312	INLETS, TYPE B, TYPE 11V FRAME AND GRATE	EACH	3
60500040	REMOVING MANHOLES	EACH	1
60500060	REMOVING INLETS	EACH	4
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	7268
67100100	MOBILIZATION	LSUM	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	335
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	112
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	900

\* SPECIALTY ITEMS

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PLOT DATE =	4/11/2024	DATE -	11/30/23	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DOUGLAS STREET RECONSTRUCTION  
SUMMARY OF QUANTITIES

SCALE 2.0000" / 1" SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	8
			CONTRACT NO. 95958	
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	QUANTITY
* 72000100	SIGN PANEL - TYPE 1	SQ FT	18
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	169
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	838
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	151
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	208
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	838
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	151
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	30
X0327902	MAILBOX REMOVE AND REPLACE	EACH	40
* X2010400	STUMP REMOVAL ONLY	UNIT	272
X5230100	DRAINAGE SYSTEM (SPECIAL)	L SUM	1
X6020090	MANHOLES, WITH RESTRICTOR PLATE	EACH	4
X6020296	MANHOLES, TYPE A, 8'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1

\* SPECIALTY ITEMS

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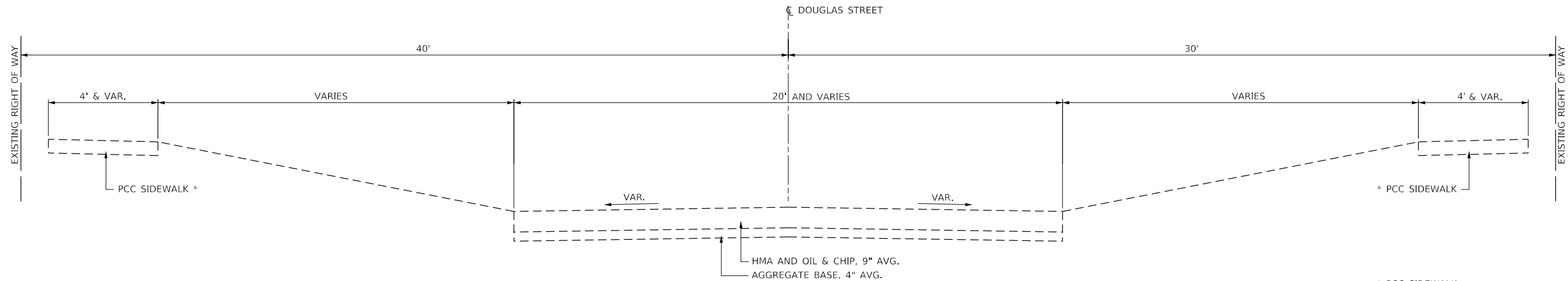
STATE OF ILLINOIS  
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DOUGLAS STREET RECONSTRUCTION  
 SUMMARY OF QUANTITIES

SCALE: 2.0000" = 1' in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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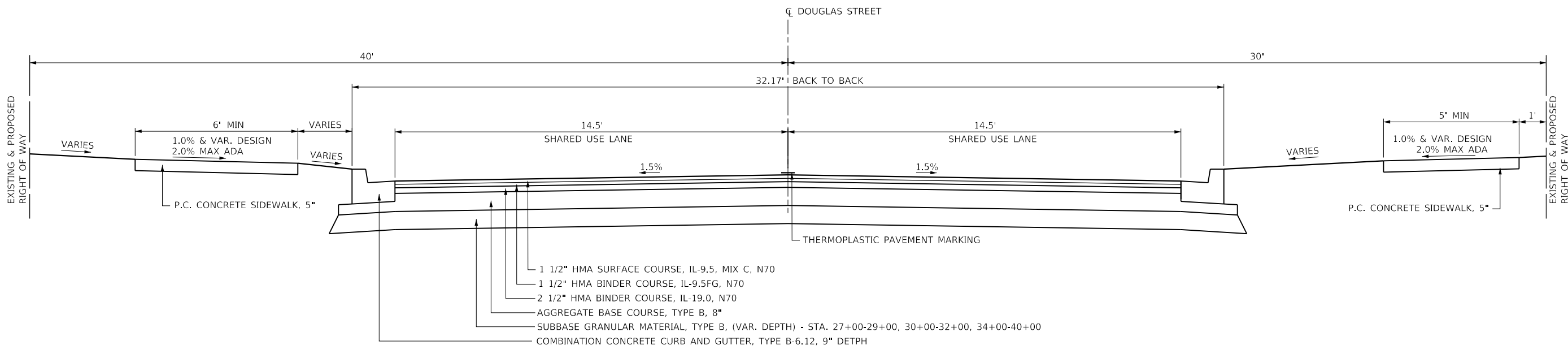




**EXISTING TYPICAL SECTION - DOUGLAS STREET**

STA. 10+00 TO STA. 46+00  
(LOOKING SOUTH)

\* PCC SIDEWALK  
 LT STA. 30+65.24 TO LT STA. 42+52.79  
 RT STA. 10+00.00 TO RT STA. 10+44.73  
 RT STA. 20+41.39 TO RT STA. 25+13.37  
 RT STA. 25+47.65 TO RT STA. 31+47.32  
 RT STA. 32+06.46 TO RT STA. 36+79.67



**PROPOSED TYPICAL SECTION - DOUGLAS STREET**

STA. 10+00 TO STA. 43+50  
(LOOKING SOUTH)

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**STATE OF ILLINOIS  
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**DOUGLAS STREET RECONSTRUCTION  
 EXISTING & PROPOSED TYPICAL SECTION**

SCALE: 2,0000 ' / in. SHEET OF SHEETS STA. TO STA.

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TREE REMOVAL SCHEDULE					
ROUTE	LOCATION		20100110	20100210	X2010400
			TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	STUMP REMOVAL ONLY
	STATION	OFFSET	UNIT	UNIT	UNIT
DOUGLAS	10+98.32	27.8' LT		33	
DOUGLAS	11+08.92	23.8' LT			13
DOUGLAS	11+27.54	23.7' LT			15
DOUGLAS	15+43.90	25.4' LT			38
DOUGLAS	16+38.65	14.4' LT			31
DOUGLAS	17+41.11	17.0' LT			16
DOUGLAS	20+81.01	17.1' LT		28	
DOUGLAS	22+07.38	14.6' RT		23	
DOUGLAS	22+11.10	17.0' LT			26
DOUGLAS	24+81.71	15.9' RT		30	
DOUGLAS	25+43.47	13.9' LT			56
DOUGLAS	33+38.24	23.5' RT	13		
DOUGLAS	34+69.60	25.7' RT			17
DOUGLAS	34+87.27	28.9' RT			22
DOUGLAS	35+20.57	30.4' RT			16
DOUGLAS	36+51.50	17.7' RT			22
<b>TOTAL</b>			<b>13</b>	<b>114</b>	<b>272</b>

EXCAVATION BALANCE SCHEDULE							
STAGE	STATION TO STATION		LT/RT	20200100			
				EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED SHRINKAGE 25% EARTH	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
				CU YD	CU YD	CU YD	CU YD
STAGE 1A	10+00.00	22+50.00	RT	87.3	65.5	12.1	53.4
STAGE 1B	10+00.00	22+50.00	LT	844.0	633.0	742.5	-109.5
DETENTION	16+69.33	18+14.29	LT	2179.3	1634.5		1634.5
STAGE 2A	22+50.00	33+00.00	RT	273.9	205.4	298.6	-93.2
STAGE 2B	22+50.00	33+00.00	LT	513.7	385.3	72.9	312.4
STAGE 3A	33+00.00	46+00.00	RT	259.0	194.3	55.7	138.6
STAGE 3B	33+00.00	43+50.00	LT	560.2	420.2	135.1	285.1
FINAL	10+00.00	46+00.00	LT	2437.0	1827.8	416.3	1411.5
FINAL	43+50.00	46+00.00	RT	121.0	90.7	0.0	90.7
<b>TOTALS</b>				<b>7275.4</b>	<b>5456.5</b>	<b>1733.2</b>	<b>3723.3</b>
<b>ROUNDED TOTALS</b>				<b>7280</b>			

MODEL: Default  
 FILE NAME: P:\CADD\Charleston\Douglas Street - 3120055\CAD\_Sheets\sh-Schedule.dgn

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USER NAME = Sta42	DESIGNED - TLW	REVISED -
TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/11/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	12
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



SEEDING SCHEDULE									
STATION TO STATION	LT/RT	21101615	25000100	25000400	25000500	25000600	25100115	25100630	28000250
		TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 1	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING
		SQ YD	ACRE	POUND	POUND	POUND	ACRE	SQ YD	POUND
10+00.00	14+14.15	RT	753.8	0.162	14.6	14.6	14.6	0.162	16.2
14+39.15	18+80.69	RT	677.7	0.146	13.1	13.1	13.1	0.146	14.6
19+10.92	20+59.97	RT	161.4	0.035	3.1	3.1	3.1	0.035	3.5
20+77.82	21+81.77	RT	96.0	0.021	1.9	1.9	1.9	0.021	2.1
21+98.92	22+65.76	RT	59.2	0.013	1.1	1.1	1.1	0.013	1.3
22+82.69	23+18.50	RT	28.4	0.006	0.5	0.5	0.5	0.006	0.6
23+41.81	24+12.63	RT	11.8	0.003	0.2	0.2	0.2	0.003	0.3
24+32.46	25+14.37	RT	73.9	0.016	1.4	1.4	1.4	0.016	1.6
25+45.48	25+80.90	RT	30.4	0.007	0.6	0.6	0.6	0.007	0.7
26+00.90	26+96.06	RT	87.2	0.019	1.7	1.7	1.7	0.019	1.9
27+14.99	27+36.54	RT	14.3	0.003	0.3	0.3	0.3	0.003	0.3
27+54.42	28+63.89	RT	114.6	0.025	2.2	2.2	2.2	0.025	2.5
28+83.75	29+01.02	RT	10.1	0.002	0.2	0.2	0.2	0.002	0.2
29+20.68	29+89.51	RT	61.2	0.013	1.2	1.2	1.2	0.013	1.3
30+07.67	30+64.03	RT	50.7	0.011	1.0	1.0	1.0	0.011	1.1
30+81.42	32+33.25	RT	177.5	0.038	3.4	3.4	3.4	0.038	3.8
32+55.73	33+52.77	RT	89.1	0.019	1.7	1.7	1.7	0.019	1.9
33+70.54	34+83.44	RT	117.9	0.025	2.3	2.3	2.3	0.025	2.5
35+00.96	35+34.44	RT	50.5	0.011	1.0	1.0	1.0	0.011	1.1
35+54.34	36+17.99	RT	92.1	0.020	1.8	1.8	1.8	0.020	2.0
36+38.81	40+57.79	RT	535.2	0.115	10.4	10.4	10.4	0.115	11.5
40+76.00	43+55	RT	154.4	0.033	3.0	3.0	3.0	0.033	3.3
43+55	44+70	RT	56.5	0.012	1.1	1.1	1.1	0.012	1.2
<b>SUBTOTAL (RT)</b>			<b>3503.9</b>	<b>0.8</b>	<b>67.8</b>	<b>67.8</b>	<b>67.8</b>	<b>0.8</b>	<b>75.5</b>

SEEDING SCHEDULE (cont.)										
STATION TO STATION	LT/RT	21101615	25000100	25000400	25000500	25000600	25100115	25100630	28000250	
		TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 1	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	
		SQ YD	ACRE	POUND	POUND	POUND	ACRE	SQ YD	POUND	
10+00.00	10+16.39	LT	11.1	0.002	0.2	0.2	0.2	0.002	0.2	
10+28.39	11+44.00	LT	95.5	0.021	1.8	1.8	1.8	0.021	2.1	
11+56.00	12+04.93	LT	36.9	0.008	0.7	0.7	0.7	0.008	0.8	
12+16.94	12+98.17	LT	44.6	0.010	0.9	0.9	0.9	0.010	1.0	
13+15.17	14+29.27	LT	114.0	0.024	2.2	2.2	2.2	0.024	2.4	
14+47.27	15+65.35	LT	120.2	0.026	2.3	2.3	2.3	0.026	2.6	
15+87.21	16+68.00	LT	55.2	0.012	1.1	1.1	1.1	0.012	1.2	
16+68.00	18+68.15	LT	673.5	0.145	13.0	13.0	13.0	0.145	14.5	
18+92.15	19+22.30	LT	20.4	0.004	0.4	0.4	0.4	0.004	0.4	
19+35.74	22+36.46	LT	717.6	0.154	13.9	13.9	13.9	0.154	15.4	
20+00	20+70	LT	211.2	0.045	4.1	4.1	4.1	0.045	4.5	
22+58.91	23+30.79	LT	95.5	0.021	1.8	1.8	1.8	0.021	2.1	
23+37.61	25+18.11	LT	235.0	0.050	4.5	4.5	4.5	0.050	5.0	
25+36.30	27+06.71	LT	198.1	0.043	3.8	3.8	3.8	0.043	4.3	
27+26.64	28+05.05	LT	119.9	0.026	2.3	2.3	2.3	0.026	2.6	
28+17.05	30+65.22	LT	504.1	0.108	9.7	9.7	9.7	0.108	10.8	
28+17.05	29+00	LT	277.2	0.060	5.4	5.4	5.4	0.060	6.0	
30+84.20	32+41.87	LT	293.9	0.063	5.7	5.7	5.7	0.063	6.3	
32+59.93	33+21.04	LT	74.1	0.016	1.4	1.4	1.4	0.016	1.6	
33+39.04	34+07.48	LT	133.1	0.029	2.6	2.6	2.6	0.029	2.9	
34+25.60	34+65.67	LT	76.7	0.016	1.5	1.5	1.5	0.016	1.6	
34+77.67	35+41.01	LT	123.0	0.026	2.4	2.4	2.4	0.026	2.6	
35+53.01	35+87.58	LT	67.0	0.014	1.3	1.3	1.3	0.014	1.4	
35+99.58	36+67.38	LT	138.1	0.030	2.7	2.7	2.7	0.030	3.0	
36+79.38	37+51.82	LT	150.0	0.032	2.9	2.9	2.9	0.032	3.2	
37+69.67	38+04.97	LT	70.1	0.015	1.4	1.4	1.4	0.015	1.5	
38+20.72	38+81.66	LT	89.7	0.019	1.7	1.7	1.7	0.019	1.9	
38+99.46	39+61.21	LT	111.9	0.024	2.2	2.2	2.2	0.024	2.4	
39+81.21	40+30.21	LT	91.5	0.020	1.8	1.8	1.8	0.020	2.0	
40+48.12	41+07.61	LT	108.6	0.023	2.1	2.1	2.1	0.023	2.3	
41+23.81	41+84.37	LT	112.8	0.024	2.2	2.2	2.2	0.024	2.4	
41+96.37	44+34.76	LT	265.8	0.057	5.1	5.1	5.1	0.057	5.7	
44+50.76	45+83.81	LT	262.5	0.056	5.1	5.1	5.1	0.056	5.6	
<b>SUBTOTAL (LT)</b>			<b>5698.8</b>	<b>1.2</b>	<b>110.2</b>	<b>110.2</b>	<b>110.2</b>	<b>1.2</b>	<b>588.1</b>	<b>122.3</b>
<b>TOTAL</b>			<b>9202.7</b>	<b>2.0</b>	<b>178.0</b>	<b>178.0</b>	<b>178.0</b>	<b>2.0</b>	<b>588.1</b>	<b>197.8</b>
<b>ROUNDED TOTAL</b>			<b>9203</b>	<b>2.0</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>2.0</b>	<b>589</b>	<b>200</b>

MODEL: Default  
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USER NAME = Sta42  
 TUG PROJECT NO. 3120055  
 PLOT SCALE = 2.0000 ' / in.  
 PLOT DATE = 4/15/2024

DESIGNED - TLW  
 DRAWN -  
 CHECKED - SJF  
 DATE - 11/30/23

REVISED -  
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000 ' / in. SHEET 1 OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	13
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

**TEMPORARY DITCH CHECK SCHEDULE**

ROUTE	STATION	LT/RT	28000305
			TEMPORARY DITCH CHECK
			FOOT
DOUGLAS	10+75	RT	10
DOUGLAS	12+38	RT	10
DOUGLAS	14+00	RT	10
DOUGLAS	14+50	RT	10
DOUGLAS	15+40	RT	10
DOUGLAS	16+20	RT	10
DOUGLAS	17+00	RT	10
DOUGLAS	17+50	RT	10
DOUGLAS	27+62	RT	10
DOUGLAS	27+91	RT	10
DOUGLAS	28+20	RT	10
DOUGLAS	28+54	RT	10
DOUGLAS	21+00	LT	10
DOUGLAS	22+34	LT	10
<b>ROUNDED TOTAL</b>			<b>140</b>

**INLET & PIPE PROTECTION SCHEDULE**

ROUTE	STATION	LT/RT	28000500
			INLET AND PIPE PROTECTION
			EACH
DOUGLAS	10+30	RT	2
DOUGLAS	11+70	RT	1
DOUGLAS	12+80	RT	1
DOUGLAS	13+30	RT	1
DOUGLAS	13+50	RT	1
DOUGLAS	14+00	RT	2
DOUGLAS	15+40	RT	1
DOUGLAS	16+00	RT	1
DOUGLAS	16+50	RT	1
DOUGLAS	17+07	RT	1
DOUGLAS	18+10	RT	2
DOUGLAS	18+40	RT	1
DOUGLAS	19+47	RT	1
DOUGLAS	19+55	RT	1
DOUGLAS	20+12.50	RT	1
DOUGLAS	20+78	RT	1
DOUGLAS	20+90	RT	1
DOUGLAS	21+52.50	RT	1
DOUGLAS	22+20	RT	1
DOUGLAS	23+00	RT	1
DOUGLAS	24+00	RT	1
DOUGLAS	24+45	RT	1
DOUGLAS	24+85	RT	1
DOUGLAS	25+70	RT	1
DOUGLAS	26+42	RT	1
DOUGLAS	26+84	RT	1
DOUGLAS	27+26	RT	1
DOUGLAS	27+66	RT	1
DOUGLAS	28+20	RT	1
DOUGLAS	28+56	RT	1
DOUGLAS	28+92	RT	1
DOUGLAS	29+80	RT	1
DOUGLAS	30+52	RT	1
DOUGLAS	31+00	RT	1
DOUGLAS	31+16	RT	1
DOUGLAS	31+30	RT	1
DOUGLAS	31+45	RT	1
DOUGLAS	31+55	RT	1
DOUGLAS	31+80	RT	1
DOUGLAS	32+16	RT	1
DOUGLAS	34+40	RT	1
DOUGLAS	35+70	RT	1
DOUGLAS	37+00	RT	1
DOUGLAS	37+38	RT	1
DOUGLAS	37+90	RT	1
DOUGLAS	38+45	RT	1
DOUGLAS	39+15	RT	1
<b>SUBTOTAL (1)</b>			<b>50</b>

**INLET & PIPE PROTECTION SCHEDULE**

ROUTE	STATION	LT/RT	28000500
			INLET AND PIPE PROTECTION
			EACH
DOUGLAS	40+15	RT	1
DOUGLAS	41+40	RT	1
DOUGLAS	42+60	RT	1
DOUGLAS	43+40	RT	1
DOUGLAS	45+52	RT	1
DOUGLAS	10+04	LT	1
DOUGLAS	11+70	LT	1
DOUGLAS	11+90	LT	1
DOUGLAS	12+80	LT	1
DOUGLAS	13+30	LT	1
DOUGLAS	13+50	LT	1
DOUGLAS	13+70	LT	1
DOUGLAS	14+00	LT	1
DOUGLAS	15+40	LT	1
DOUGLAS	16+00	LT	1
DOUGLAS	16+50	LT	1
DOUGLAS	17+20	LT	1
DOUGLAS	18+10	LT	1
DOUGLAS	18+40	LT	1
DOUGLAS	19+47	LT	1
DOUGLAS	19+55	LT	1
DOUGLAS	20+12.50	LT	1
DOUGLAS	20+78	LT	1
DOUGLAS	20+90	LT	1
DOUGLAS	24+00	LT	1
DOUGLAS	24+85	LT	1
DOUGLAS	25+63	LT	1
DOUGLAS	26+84	LT	1
DOUGLAS	27+38	LT	1
DOUGLAS	27+93	LT	1
DOUGLAS	28+30	LT	1
DOUGLAS	28+56	LT	1
DOUGLAS	28+75	LT	1
DOUGLAS	30+52	LT	1
DOUGLAS	31+00	LT	1
DOUGLAS	31+16	LT	1
DOUGLAS	31+30	LT	1
DOUGLAS	31+45	LT	1
DOUGLAS	32+16	LT	1
DOUGLAS	34+40	LT	1
DOUGLAS	35+70	LT	1
DOUGLAS	37+00	LT	1
DOUGLAS	37+38	LT	1
DOUGLAS	37+90	LT	1
DOUGLAS	38+35	LT	1
DOUGLAS	38+45	LT	1
<b>SUBTOTAL (2)</b>			<b>46</b>

**INLET & PIPE PROTECTION SCHEDULE (cont.)**

ROUTE	STATION	LT/RT	28000500
			INLET AND PIPE PROTECTION
			EACH
DOUGLAS	39+15	LT	1
DOUGLAS	40+00	LT	1
DOUGLAS	40+15	LT	1
DOUGLAS	40+60	LT	1
DOUGLAS	40+75	LT	1
DOUGLAS	41+40	LT	1
DOUGLAS	42+15	LT	1
DOUGLAS	42+60	LT	1
DOUGLAS	43+40	LT	1
DOUGLAS	44+10	LT	1
DOUGLAS	45+25	LT	1
DOUGLAS	45+49	LT	1
DOUGLAS	45+50	LT	1
<b>SUBTOTAL (3)</b>			<b>13</b>
<b>TOTAL</b>			<b>109</b>

**PERIMETER EROSION BARRIER SCHEDULE**

ROUTE	STATION	STATION	LT/RT	28000400
				PERIMETER EROSION BARRIER
				FOOT
DOUGLAS	37+00	40+50	RT	350
DOUGLAS	40+80.39	42+00	RT	121
DOUGLAS	44+00	46+07.35	RT	208
DOUGLAS	13+16.17	14+29.25	LT	114
DOUGLAS	14+47.35	15+65.55	LT	120
DOUGLAS	16+92	18+20.18	LT	129
DOUGLAS	19+36.15	21+00	LT	245
DOUGLAS	23+50	24+50	LT	100
DOUGLAS	28+17.39	28+99	LT	133
DOUGLAS	43+00	44+34.76	LT	137
<b>ROUNDED TOTAL</b>				<b>1657</b>

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 FILE: M:\MEP - P\CD\Illinois\Charleston\Douglas - Street - 3120055\CAD\_Sheets\Inlet-Schedule.dgn  
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USER NAME = Sta42	DESIGNED - TLW	REVISED -
TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
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CHECKED - SJF	REVISED -
DATE - 11/30/23	REVISED -

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DRAWN -	REVISED -
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DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	14
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

CLASS SI CONCRETE (OUTLET) SCHEDULE					
LOCATION	STATION	LT/RT	28100107	28200200	X6060097
			STONE RIPRAP, CLASS A4	FILTER FABRIC	CLASS SI CONCRETE (OUTLET), SPECIAL
			SQ YD	SQ YD	CU YD
DOUGLAS	43+50	43+65	59.7	59.7	0.4
<b>ROUNDED TOTAL</b>			<b>60</b>	<b>60</b>	<b>0.5</b>

AGGREGATE SURFACE COURSE SCHEDULE				
LOCATION	STATION TO STATION	LT/RT	40200700	
			AGGREGATE SURFACE COURSE, TYPE A 8"	
			SQ YD	
STORMWATER CHAMBER SYSTEM	16+69.33	18+14.29	45.48' LT	620.4
DOUGLAS - DRIVEWAY	40+66.70		RT	58.6
<b>ROUNDED TOTAL</b>				<b>680</b>

FLARED END SECTIONS AND RIPRAP SCHEDULE							
STATION	OFFSET, LT/RT	SQ FT	28100109	28100111	28200200	54213681	54213693
			STONE RIPRAP, CLASS A5	STONE RIPRAP, CLASS A6	FILTER FABRIC	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"
			SQ YD	SQ YD	SQ YD	EACH	EACH
20+39.19	58.5' LT	322.0		35.8	35.8		1
28+75.40	53.2' LT	276.0	30.7		30.7	1	
<b>ROUNDED TOTAL</b>			<b>31</b>	<b>36</b>	<b>66</b>	<b>1</b>	<b>1</b>

INCIDENTAL HOT-MIX ASPHALT SURFACING SCHEDULE				
LOCATION	STATION	STATION	LT/RT	40800050
				INCIDENTAL HOT-MIX ASPHALT SURFACING
				TON
DRIVEWAY	44+42.76		LT	10.8
<b>ROUNDED TOTAL</b>				<b>11</b>

SUBBASE GRANULAR MATERIAL SCHEDULE				
ROUTE	STATION TO STATION	VOLUME	31101000	
			SUBBASE GRANULAR MATERIAL, TYPE B	
			CU YD	TON
DOUGLAS	27+00	29+00	61.5	126.1
DOUGLAS	30+00	32+50	117.1	240.1
DOUGLAS	34+00	40+00	325.7	667.7
<b>TOTAL</b>			<b>1,033.9</b>	
<b>ROUNDED TOTAL</b>			<b>1,034</b>	

PCC PAVEMENT SCHEDULE			
ROUTE	STATION	LT/RT	42000300
			PORTLAND CEMENT CONCRETE PAVEMENT 8"
			SQ YD
BRIARWOOD CT	18+95.88	RT	130.9
WOODBERRY LN	25+30.14	RT	122.8
<b>TOTAL</b>			<b>253.7</b>
<b>ROUNDED TOTAL</b>			<b>254</b>

HOT-MIX ASPHALT SCHEDULE											
ROUTE	STATION TO STATION	WIDTH	LENGTH	AREA	35101400	35102000	40600275	40600290	40602970	40603085	40604052
					AGGREGATE BASE COURSE, TYPE B	AGGREGATE BASE COURSE, TYPE B 8"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HMA BINDER COURSE, IL-9.5FG, N70	HMA BINDER COURSE, IL-19.0, N70	HMA SURFACE COURSE, IL- 9.5, MIX "C", N70
					SQ FT	TON	SQ YD	POUND	POUND	TON	TON
DOUGLAS	10+00	44+60	29	3,460	100,340			7525.5	936.5	1560.8	936.5
DOUGLAS	10+00	43+50	34.17	3,350	114,470		12718.8	5723.5			
DOUGLAS	43+50	44+60	VAR.	110	2,660	114					
DRIVEWAY	44+42.76		VAR.	VAR.	433	16					
<b>ROUNDED TOTAL</b>					<b>130</b>	<b>12,719</b>	<b>5,724</b>	<b>7,526</b>	<b>937</b>	<b>1,561</b>	<b>937</b>

MODEL: Default  
 FILE: Name: P:\CADD\Charleston\Douglas Street - 3120955\CADD\_Sheets\shs-Schedule.dgn

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USER NAME = Sta42  
 TUG PROJECT NO. 3120055  
 PLOT SCALE = 2.0000' / in.  
 PLOT DATE = 4/11/2024

DESIGNED - TLW  
 DRAWN -  
 CHECKED - SJF  
 DATE - 11/30/23

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	15
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

TEMPORARY ACCESS SCHEDULE							
	STATION	STATION	LT/RT	SQ FT	35101400	40201000	40600990
					AGGREGATE BASE COURSE, TYPE B	AGGREGATE FOR TEMPORARY ACCESS	TEMPORARY RAMP
					TON	TON	SQ YD
<b>STAGE 1A</b>							
TEMPORARY WIDENING	10+00	22+25	LT	6511.20	247.2		
<b>STAGE 1B</b>							
ENTRANCES	10+00	22+25	RT			103.3	
ENTRANCES - TEMP RAMP	10+00	22+25	RT				7.3
DOUGLAS - TEMP RAMP	10+00	10+10	RT	145.00			16.1
	22+18	22+25	RT	145.00			16.1
<b>STAGE 1C</b>							
ENTRANCES	10+00	22+25	LT			95.4	
ENTRANCES - TEMP RAMP	10+00	22+25	LT				17.2
DOUGLAS - TEMP RAMP	10+00	10+10	LT	145.00			16.1
	22+18	22+25	LT	145.00			16.1
<b>STAGE 2A</b>							
TEMPORARY WIDENING	22+25	32+50	LT	3442.30	130.7		
<b>STAGE 2B</b>							
ENTRANCES	22+25	32+50	RT			78.3	
ENTRANCES - TEMP RAMP	22+25	32+50	RT				10.9
DOUGLAS - TEMP RAMP	32+40	32+50	RT	145.00			16.1
<b>STAGE 2C</b>							
ENTRANCES	22+25	32+50	LT			51.9	
ENTRANCES - TEMP RAMP	22+25	32+50	LT				9.3
DOUGLAS - TEMP RAMP	32+40	32+50	LT	145.00			16.1
<b>STAGE 3A</b>							
TEMPORARY WIDENING	32+50	46+00	LT	4902.30	186.1		
<b>STAGE 3B</b>							
ENTRANCES	32+50	46+00	RT			20.5	
ENTRANCES - TEMP RAMP	32+50	46+00	RT				4.5
DOUGLAS - TEMP RAMP	45+90	46+00	RT	145.00			16.1
<b>STAGE 3C</b>							
ENTRANCES	32+50	46+00	LT			47.3	
ENTRANCES - TEMP RAMP	32+50	46+00	LT				9.6
DOUGLAS - TEMP RAMP	45+90	46+00	LT	145.00			16.1
<b>STAGE 3D</b>							
ENTRANCES	42+50	46+00	LT			14.7	
ENTRANCES - TEMP RAMP	42+50	46+00	LT				1.9
<b>STAGE 3E</b>							
<b>TOTAL</b>					<b>564.0</b>	<b>401.0</b>	<b>187.7</b>
<b>ROUNDED TOTAL</b>					<b>564</b>	<b>401</b>	<b>188</b>

DRIVEWAY SCHEDULE						
ROUTE	STATION	LT/RT	AREA	42300200	42300400	
				PCC DRIVEWAY PAVEMENT, 6 INCH	PCC DRIVEWAY PAVEMENT, 8 INCH	
				SQ FT	SQ YD	SQ YD
DOUGLAS	14+26.65	RT	672.3			74.7
DOUGLAS	20+68.89	RT	311.8	34.6		
DOUGLAS	21+90.37	RT	301.7	33.5		
DOUGLAS	22+74.22	RT	299.0	33.2		
DOUGLAS	23+30.15	RT	387.8	43.1		
DOUGLAS	24+22.55	RT	339.3	37.7		
DOUGLAS	25+90.90	RT	341.7	38.0		
DOUGLAS	27+05.53	RT	326.9	36.3		
DOUGLAS	27+45.49	RT	312.2	34.7		
DOUGLAS	28+73.82	RT	339.8	37.8		
DOUGLAS	29+10.85	RT	337.0	37.4		
DOUGLAS	29+98.44	RT	311.8	34.6		
DOUGLAS	30+72.72	RT	340.2	37.8		
DOUGLAS	32+44.52	RT	376.2	41.8		
DOUGLAS	33+61.65	RT	310.6	34.5		
DOUGLAS	34+92.20	RT	430.2	47.8		
DOUGLAS	35+44.34	RT	464.7	51.6		
DOUGLAS	36+28.40	RT	440.4	48.9		
DOUGLAS	40+66.70	RT	398.0	44.2		
DOUGLAS	10+22.39	LT	232.4	25.8		
DOUGLAS	11+50.00	LT	231.0	25.7		
DOUGLAS	12+10.93	LT	231.2	25.7		
DOUGLAS	13+06.67	LT	303.0	33.7		
DOUGLAS	14+38.27	LT	281.1	31.2		
DOUGLAS	15+76.28	LT	352.2	39.1		
DOUGLAS	16+80.00	LT	389.3			43.3
DOUGLAS	18+80.15	LT	398.0			44.2
DOUGLAS	19+29.02	LT	251.2	27.9		
DOUGLAS	22+47.68	LT	376.4	41.8		
DOUGLAS	23+16.08	LT	324.7	36.1		
DOUGLAS	25+27.20	LT	502.4	55.8		
DOUGLAS	27+16.69	LT	821.0	91.2		
DOUGLAS	28+11.05	LT	363.0	40.3		
DOUGLAS	30+74.71	LT	518.1	57.6		
DOUGLAS	32+50.84	LT	497.2	55.2		
DOUGLAS	33+30.04	LT	494.5	54.9		
DOUGLAS	34+16.54	LT	497.5	55.3		
DOUGLAS	34+71.67	LT	351.0	39.0		
DOUGLAS	35+47.01	LT	351.0	39.0		
DOUGLAS	35+93.58	LT	355.2	39.5		
DOUGLAS	36+73.38	LT	351.0	39.0		
DOUGLAS	37+60.74	LT	490.8	54.5		
DOUGLAS	38+12.84	LT	440.8	49.0		
DOUGLAS	38+93.46	LT	489.7	54.4		
DOUGLAS	39+67.21	LT	542.3	60.3		
DOUGLAS	40+42.12	LT	492.1	54.7		
DOUGLAS	41+17.87	LT	437.5	48.6		
DOUGLAS	41+90.37	LT	351.0	39.0		
<b>TOTAL</b>				<b>1921.8</b>	<b>162.2</b>	
<b>ROUNDED TOTAL</b>				<b>1922</b>	<b>163</b>	

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TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/11/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	16
CONTRACT NO. 95958				
ILLINOIS		FED. AID PROJECT		



SIDEWALK SCHEDULE					
ROUTE	STATION	STATION	LT/RT	42400200	
				PCC SIDEWALK 5 INCH	SQ FT
DOUGLAS	10+22.99	14+13.23	RT		1921.9
DOUGLAS	14+40.08	18+77.04	RT		2208.0
DOUGLAS	19+14.72	20+59.97	RT		723.1
DOUGLAS	20+77.82	21+81.81	RT		519.9
DOUGLAS	21+98.94	22+65.76	RT		334.1
DOUGLAS	22+82.69	23+18.54	RT		179.2
DOUGLAS	23+41.81	24+12.63	RT		354.1
DOUGLAS	24+32.46	25+12.59	RT		452.0
DOUGLAS	25+47.69	25+80.90	RT		164.8
DOUGLAS	26+00.90	26+96.06	RT		475.8
DOUGLAS	27+15.00	27+36.55	RT		107.8
DOUGLAS	27+54.43	28+63.89	RT		547.3
DOUGLAS	28+83.75	29+01.02	RT		86.3
DOUGLAS	29+20.68	29+89.51	RT		344.1
DOUGLAS	30+07.37	30+64.03	RT		283.3
DOUGLAS	30+81.42	32+33.25	RT		759.3
DOUGLAS	32+55.73	33+52.77	RT		485.1
DOUGLAS	33+70.54	34+83.44	RT		564.5
DOUGLAS	35+00.96	35+34.34	RT		166.9
DOUGLAS	35+54.34	36+17.99	RT		318.2
<b>SUBTOTAL (RT)</b>					<b>10995.7</b>

SIDEWALK SCHEDULE (cont.)					
ROUTE	STATION	STATION	LT/RT	42400200	
				PCC SIDEWALK 5 INCH	SQ FT
DOUGLAS	10+00.00	10+16.39	LT		97.8
DOUGLAS	10+28.39	11+44.00	LT		692.5
DOUGLAS	11+56.00	12+04.93	LT		292.4
DOUGLAS	12+16.94	12+98.17	LT		468.8
DOUGLAS	13+15.18	14+29.27	LT		666.6
DOUGLAS	14+47.28	15+65.35	LT		708.5
DOUGLAS	15+87.21	16+64.61	LT		484.7
DOUGLAS	16+88.61	18+68.15	LT		1090.9
DOUGLAS	18+92.15	19+22.30	LT		179.7
DOUGLAS	19+35.74	22+36.46	LT		1803.1
DOUGLAS	22+58.91	23+27.36	LT		397.8
DOUGLAS	23+37.61	25+18.11	LT		1066.4
DOUGLAS	25+36.30	27+06.73	LT		986.6
DOUGLAS	27+26.65	28+05.05	LT		434.5
DOUGLAS	28+17.05	30+65.22	LT		1453.0
DOUGLAS	30+84.20	32+41.77	LT		909.5
DOUGLAS	32+59.95	33+21.08	LT		330.9
DOUGLAS	33+39.19	34+07.48	LT		374.6
DOUGLAS	34+25.65	34+65.67	LT		204.4
DOUGLAS	34+77.67	35+41.01	LT		344.0
DOUGLAS	35+53.01	35+87.58	LT		171.5
DOUGLAS	35+99.58	36+67.38	LT		370.8
DOUGLAS	36+79.68	37+51.82	LT		398.6
DOUGLAS	37+69.69	38+04.97	LT		175.8
DOUGLAS	38+20.89	38+81.66	LT		329.6
DOUGLAS	38+99.46	39+61.21	LT		334.5
DOUGLAS	39+81.21	40+30.22	LT		258.0
DOUGLAS	40+48.12	41+07.61	LT		321.0
DOUGLAS	41+23.87	41+84.37	LT		327.0
DOUGLAS	41+96.37	44+34.76	LT		1412.4
<b>SUBTOTAL (LT)</b>					<b>17085.9</b>
<b>TOTAL</b>					<b>28081.6</b>
<b>ROUNDED TOTAL</b>					<b>28082</b>

DETECTABLE WARNING SCHEDULE		
LOCATION	LT/RT	42400800
		DETECTABLE WARNINGS
		SQ FT
18+55	LT	10
18+55	RT	10
18+71	RT	10
19+19	RT	10
24+94	LT	10
24+94	RT	10
25+07	RT	10
25+51	RT	10
<b>ROUNDED TOTAL</b>		<b>80</b>

PAVEMENT REMOVAL SCHEDULE					
ROUTE	STATION	STATION	LT/RT	SQ FT	44000100
					PAVEMENT REMOVAL
					SQ YD
DOUGLAS	10+00.00	10+14.38	LT/RT	376.76	41.9
BRIARWOOD COURT	18+47.88	19+44.40	RT	1632.46	181.4
WOODBERRY LANE	25+01.83	25+60.06	RT	1201.20	133.5
<b>TOTAL</b>					<b>356.8</b>
<b>ROUNDED TOTAL</b>					<b>357</b>

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	17
CONTRACT NO. 95958				
		ILLINOIS	FED. AID PROJECT	

DRIVEWAY PAVEMENT REMOVAL SCHEDULE					
ROUTE	STATION	LT/RT	EXISTING MATERIAL	REMOVAL AREA	44000200 DRIVEWAY PAVEMENT REMOVAL
				SQ FT	SQ YD
DOUGLAS	14+26.65	RT	HMA	942.6	104.7
DOUGLAS	20+68.89	RT	CONC	420.7	46.7
DOUGLAS	21+90.37	RT	CONC	392.5	43.6
DOUGLAS	22+74.22	RT	CONC	403.1	44.8
DOUGLAS	23+30.15	RT	CONC	482.9	53.7
DOUGLAS	24+22.55	RT	CONC	472.7	52.5
DOUGLAS	25+90.90	RT	CONC	427.4	47.5
DOUGLAS	27+05.53	RT	CONC	375.4	41.7
DOUGLAS	27+45.49	RT	CONC	384.2	42.7
DOUGLAS	28+73.82	RT	CONC	230.7	25.6
DOUGLAS	29+10.85	RT	CONC	231.6	25.7
DOUGLAS	29+98.44	RT	CONC	388.7	43.2
DOUGLAS	30+72.72	RT	CONC	248.4	27.6
DOUGLAS	32+44.52	RT	CONC	421.0	46.8
DOUGLAS	33+61.65	RT	CONC	165.2	18.4
DOUGLAS	34+92.20	RT	AGG/CONC	303.1	33.7
DOUGLAS	35+44.34	RT	CONC	529.1	58.8
DOUGLAS	36+28.40	RT	CONC	550.4	61.2
DOUGLAS	40+66.70	RT	AGG	527.1	58.6
DOUGLAS	10+22.39	LT	AGG	0.0	0.0
DOUGLAS	11+50.00	LT	NO EXISTING	0.0	0.0
DOUGLAS	12+10.93	LT	HMA	363.3	40.4
DOUGLAS	13+06.67	LT	HMA/CONC	388.3	43.1
DOUGLAS	14+38.27	LT	HMA	359.5	39.9
DOUGLAS	15+76.28	LT	CONC	15.0	1.7
DOUGLAS	16+76.61	LT	AGG	0.0	0.0
DOUGLAS	18+80.15	LT	AGG	0.0	0.0
DOUGLAS	19+29.02	LT	AGG	0.0	0.0
DOUGLAS	22+47.68	LT	AGG	0.0	0.0
DOUGLAS	23+16.08	LT	HMA	427.7	47.5
DOUGLAS	25+27.20	LT	HMA	923.5	102.6
DOUGLAS	27+16.69	LT	CONC	876.1	97.3
DOUGLAS	28+11.05	LT	AGG	0.0	0.0
DOUGLAS	30+74.71	LT	HMA/CONC	596.3	66.3
DOUGLAS	32+50.84	LT	HMA/CONC	524.3	58.3
DOUGLAS	33+30.04	LT	CONC	372.4	41.4
DOUGLAS	34+16.54	LT	CONC	446.8	49.6
DOUGLAS	34+71.67	LT	HMA	373.1	41.5
DOUGLAS	35+47.01	LT	HMA	362.5	40.3
DOUGLAS	35+93.58	LT	HMA/CONC	344.1	38.2
DOUGLAS	36+73.38	LT	HMA/CONC	409.0	45.4
DOUGLAS	37+60.74	LT	CONC	363.3	40.4
DOUGLAS	38+12.84	LT	AGG/CONC	178.1	19.8
DOUGLAS	38+93.46	LT	CONC	354.0	39.3
DOUGLAS	39+67.21	LT	CONC	363.0	40.3
DOUGLAS	40+42.12	LT	CONC	430.8	47.9
DOUGLAS	41+17.87	LT	CONC	426.1	47.3
DOUGLAS	41+90.37	LT	CONC	411.1	45.7
DOUGLAS	44+42.76	LT	AGG	0.0	0.0
				<b>TOTAL</b>	<b>1911.7</b>
				<b>ROUNDED TOTAL</b>	<b>1912</b>

CURB AND GUTTER SCHEDULE					
ROUTE	STATION	STATION	LT/RT	44000500	60603800
				COMBINATION CURB AND GUTTER REMOVAL	COMBINATION CURB AND GUTTER, TYPE B-6.12
				FOOT	FOOT
DOUGLAS	10+00.00	10+14.09	LT	14.6	
DOUGLAS	10+01.05	10+14.41	RT	14.0	
DOUGLAS	18+62.14	18+80.15	RT	37.9	
DOUGLAS	19+10.92	19+27.86	RT	37.7	
DOUGLAS	25+01.83	25+15.07	RT	35.0	
DOUGLAS	25+45.16	25+60.06	RT	35.2	
DOUGLAS	10+00.00	49+59.77	LT		3935.2
DOUGLAS	10+00.00	18+82.90	RT		897.3
DOUGLAS	19+08.86	25+16.42	RT		629.3
DOUGLAS	25+43.87	43+50	RT		1806.2
				<b>TOTAL</b>	<b>174.4</b>
				<b>ROUNDED TOTAL</b>	<b>175</b>
					<b>7268.0</b>
					<b>7268</b>

SIDEWALK REMOVAL SCHEDULE					
ROUTE	STATION	STATION	LT/RT	44000600	
				SIDEWALK REMOVAL	
				SQ FT	
DOUGLAS	10+22.99	10+44.73	RT	88.7	
DOUGLAS	20+41.47	20+59.95	RT	72.2	
DOUGLAS	20+77.80	21+81.80	RT	412.1	
DOUGLAS	21+98.96	22+65.83	RT	270.2	
DOUGLAS	22+82.77	23+18.52	RT	139.8	
DOUGLAS	23+41.86	24+12.65	RT	286.1	
DOUGLAS	24+32.46	25+13.37	RT	314.6	
DOUGLAS	25+47.65	25+80.78	RT	133.6	
DOUGLAS	26+00.85	26+95.99	RT	378.7	
DOUGLAS	27+15.16	27+36.62	RT	84.5	
DOUGLAS	27+54.51	28+63.85	RT	427.6	
DOUGLAS	28+73.87	29+10.90	RT	150.4	
DOUGLAS	29+20.68	29+89.54	RT	265.7	
DOUGLAS	30+07.38	30+71.57	RT	248.5	
DOUGLAS	30+81.63	31+47.28	RT	264.5	
DOUGLAS	32+06.55	32+37.84	RT	122.8	
DOUGLAS	32+55.47	33+52.75	RT	378.6	
DOUGLAS	33+70.59	34+88.36	RT	445.1	
DOUGLAS	35+05.72	35+34.25	RT	111.8	
DOUGLAS	35+54.40	36+17.99	RT	251.0	
DOUGLAS	36+38.93	36+79.67	RT	164.1	
DOUGLAS	30+84.33	32+41.76	LT	611.7	
DOUGLAS	32+59.92	33+21.09	LT	238.4	
DOUGLAS	33+39.13	34+07.51	LT	273.7	
DOUGLAS	34+25.63	34+65.04	LT	153.6	
DOUGLAS	34+75.35	35+43.22	LT	249.4	
DOUGLAS	35+52.34	35+88.64	LT	139.3	
DOUGLAS	35+98.63	36+67.45	LT	260.9	
DOUGLAS	36+79.37	37+51.74	LT	284.5	
DOUGLAS	37+69.69	38+04.99	LT	133.2	
DOUGLAS	38+20.78	38+89.60	LT	268.7	
DOUGLAS	38+99.58	39+61.24	LT	238.5	
DOUGLAS	39+73.24	40+37.08	LT	259.3	
DOUGLAS	40+48.12	41+08.66	LT	229.4	
DOUGLAS	41+23.73	41+85.13	LT	245.6	
DOUGLAS	41+95.51	42+52.79	LT	223.4	
				<b>TOTAL</b>	<b>8820.2</b>
				<b>ROUNDED TOTAL</b>	<b>8820</b>

AGGREGATE SHOULDERS SCHEDULE					
LOCATION	STATION	STATION	LT/RT	48101202	
				AGGREGATE SHOULDERS, TYPE B	
				CU YD	
DOUGLAS	43+55	44+60	RT	5.8	
				<b>ROUNDED TOTAL</b>	<b>6</b>

MODEL: Default  
 FILE: MainE\_PlotCurb,CharlestonDouglas\_Street\_3120055\CAD\_Schedule.dgn  
 Professional Design  
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TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/11/2024	DATE - 11/30/23	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DOUGLAS STREET RECONSTRUCTION  
 SCHEDULE OF QUANTITIES

SCALE: 2.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	18
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

PIPE CULVERT REMOVAL SCHEDULE						
ROUTE	STATION	STATION	LT/RT	PIPE SIZE	50105220	20800150
					PIPE CULVERT REMOVAL	TRENCH BACKFILL **
					INCH	FOOT
DOUGLAS	10+29.82	10+33.05	RT	12	10	
DOUGLAS	14+07.29	14+47.52	RT	18	41	5.5
DOUGLAS	14+07.55	14+47.85	RT	18	41	3.5
DOUGLAS	18+61.37	19+29.84	RT	18	69	5.5
DOUGLAS	18+61.25	19+29.79	RT	18	69	5.8
DOUGLAS	20+17.57	20+29.71	LT/RT	24	43	26.0
DOUGLAS	20+53.83	20+84.31	RT	12	31	
DOUGLAS	21+77.72	22+03.90	RT	9	27	
DOUGLAS	24+94.03	25+62.39	RT	15	68	1.5
DOUGLAS	30+61.10	30+88.39	RT	12	28	
DOUGLAS	33+46.12	33+76.35	RT	12	31	
DOUGLAS	34+83.63	35+13.75	RT	12	31	
DOUGLAS	35+30.76	35+56.41	RT	12	26	
DOUGLAS	36+14.05	36+46.37	RT	12	33	
DOUGLAS	30+61.85	30+91.46	LT	12	30	
DOUGLAS	32+38.55	32+62.50	LT	12	24	
DOUGLAS	35+40.43	35+57.88	LT	PLUGGED	18	
DOUGLAS	35+82.94	36+02.85	LT	12	20	
DOUGLAS	36+60.50	37+02.49	LT	PLUGGED	43	
DOUGLAS	37+47.68	37+71.71	LT	12	25	
DOUGLAS	38+03.59	38+23.91	LT	12	21	
DOUGLAS	38+54.69	39+03.41	LT	12	49	
DOUGLAS	39+57.31	39+82.66	LT	12	26	
DOUGLAS	40+32.99	40+53.09	LT	12	21	
DOUGLAS	41+07.17	41+27.07	LT	12	20	
DOUGLAS	41+79.51	42+12.75	LT	12	34	
DOUGLAS	44+34.33	44+54.61	LT	12	20	
<b>TOTAL</b>					<b>899</b>	<b>47.8</b>
<b>ROUNDED TOTAL</b>					<b>899</b>	<b>48</b>

\*\* ADDITIONAL TRENCH BACKFILL ON SHEET 24

PIPE CULVERT SCHEDULE			
ROUTE	STATION	LT/RT	5421A015
			PIPE CULVERTS, CLASS A, TYPE A 15" (TEMPORARY)
			FOOT
DOUGLAS - STAGE 1B TEMPORARY ENTRANCE	13+75	RT	34
<b>ROUNDED TOTAL</b>			<b>34</b>

STORM SEWER REMOVAL SCHEDULE							
ROUTE	STATION	STATION	LT/RT	55100500	55100900	55101200	20800150
				STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	TRENCH BACKFILL **
				FOOT	FOOT	FOOT	CU YD
DOUGLAS	10+04.99	10+18.49	RT			14	
DOUGLAS	25+47.71	25+74.88	RT	32			
DOUGLAS	25+74.88	26+87.60	RT	113			13.4
DOUGLAS	26+87.60	27+30.49	RT	43			17.2
DOUGLAS	27+30.49	28+21.82	RT	92			
DOUGLAS	28+21.82	28+29.40	LT/RT	28			
DOUGLAS	30+88.39	30+98.66	LT/RT	30			5.4
DOUGLAS	30+98.66	31+32.10	LT/RT		42		6.7
<b>TOTAL</b>				<b>338</b>	<b>42</b>	<b>14</b>	<b>42.7</b>
<b>ROUNDED TOTAL</b>				<b>338</b>	<b>42</b>	<b>14</b>	<b>43</b>

\*\* ADDITIONAL TRENCH BACKFILL ON SHEET 24

MODEL: Default  
 FILE: M:\MEP\_P\Civil\_C\Charleston\Douglas Street - 3120055\CAD\_Sheets\sh-Schedule.dgn  
 The Upchurch Group  
 architects engineers surveyors  
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 License No. 154-003401  
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<b>The Upchurch Group</b> architects engineers surveyors Professional Design Firm Corporation License No. 154-003401 123 North 15th Street Madison, IL 61738 Phone: 217.235.3177 e-mail: upchurchgroup@upchurchgroup.com	USER NAME = Sta42 TUG PROJECT NO. 3120055 PLOT SCALE = 2.0000' / in. PLOT DATE = 4/11/2024	DESIGNED - TLW DRAWN - CHECKED - SJF DATE - 11/30/23	REVISED - REVISED - REVISED - REVISED -
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<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>
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<b>DOUGLAS STREET RECONSTRUCTION</b> <b>SCHEDULE OF QUANTITIES</b>			
SCALE: 2.0000' / in.	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	19
				CONTRACT NO. 95958
			ILLINOIS	FED. AID PROJECT

INLETS TYPE A SCHEDULE						
STRUCTURE NUMBER	STATION	OFFSET	60236200	60236700	60236800	60236825
			INLETS, TYPE A, TYPE 8 GRATE	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	INLETS, TYPE A, TYPE 11V FRAME AND GRATE
			EACH	EACH	EACH	EACH
1	10+04	14.7' LT				1
4	11+25	15.5' LT				1
5	11+90	15.5' LT				1
8	12+80	15.5' LT				1
11	13+30	15.5' LT			1	
12	13+70	15.5' LT			1	
15	14+00	15.5' LT				1
18	15+40	15.5' LT				1
19	15+40	33.0' RT	1			
21	16+00	15.5' LT				1
25	17+20	15.5' LT				1
26	17+00	33.0' RT	1			
31	18+40	15.5' RT				1
33	19+57	15.5' LT				1
35	19+57	15.5' RT				1
38	20+65	15.5' LT			1	
39	20+90	15.5' LT			1	
44	22+20	20.5' RT	1			
176	18+10	27.7' RT	1			
45	23+00	15.5' RT				1
46	24+00	15.5' LT				1
49	24+85	15.5' LT				1
51	25+63	15.5' LT				1
54	26+84	15.5' LT				1
55	28+93	15.5' RT				1
59	28+93	19.5' RT	1			
62	27+38	15.5' LT				1
65	28+45	15.5' LT			1	
68	29+80	18.0' RT	1			
69	30+50	21.0' RT	1			
74	31+30	15.5' LT			1	
75	31+45	15.5' LT			1	
81	31+80	35.0' RT	1			
83	32+16	15.5' LT	1			
84	28+56	15.5' LT		1		
90	34+40	15.5' LT				1
92	35+70	15.5' LT				1
94	37+00	15.5' LT				1
96	37+38	15.5' LT				1
98	37+90	15.5' LT				1
100	38+35	15.5' LT				1
103	39+15	15.5' LT				1
105	40+00	15.5' LT				1
110	41+40	15.5' RT				1
113	42+60	15.5' RT				1
115	43+40	15.5' RT				1
126	45+50	27' LT	1			
<b>TOTAL</b>			<b>10</b>	<b>1</b>	<b>7</b>	<b>29</b>

INLETS TYPE B SCHEDULE						
STRUCTURE NUMBER	STATION	OFFSET	60240210	60240301	60240310	6024312
			INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	INLETS, TYPE B, TYPE 8 GRATE	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	INLETS, TYPE A, TYPE 11V FRAME AND GRATE
			EACH	EACH	EACH	EACH
2	10+30	15.5' RT				1
13	13+50	15.5' LT			1	
16	14+00	31.0' RT		1		
43	21+52.50	20.5' RT		1		
48	24+45	15.5' RT				1
63	27+93	15.5' LT				1
77	31+16	15.5' RT			1	
78	31+30	15.5' RT			1	
80	31+55	35.0' RT	1			
101	38+45	15.5' LT		1		
<b>TOTAL</b>			<b>1</b>	<b>3</b>	<b>3</b>	<b>3</b>

MANHOLES, TYPE A, 4' DIAMETER SCHEDULE					
STRUCTURE NUMBER	STATION	OFFSET	60218300	60219300	X6022040
			MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 4'-DIAMETER TYPE 11 FRAME AND GRATE	MANHOLES, TYPE A, 4'-DIAMETER TYPE 11V FRAME AND GRATE
			EACH	EACH	EACH
6	11+70	15.5' LT			1
28	18+10	15.5' RT			1
34	19+47	15.5' RT			1
40	20+78	15.5' LT		1	
41	20+78	15.5' RT		1	
42	20+90	15.5' RT			1
47	24+00	15.5' RT			1
50	24+45	15.5' RT			1
53	26+42	21.0' RT	1		
56	26+84	21.0' RT	1		
57	27+26	20.1' RT	1		
70	30+50	15.5' RT			1
71	30+50	15.5' LT			1
72	31+00	15.5' LT		1	
73	31+16	15.5' LT		1	
76	31+00	15.5' RT		1	
79	31+45	15.5' RT		1	
82	32+16	15.5' RT			1
91	34+40	15.5' RT			1
93	35+70	15.5' RT			1
95	37+00	15.5' RT			1
97	37+38	23' RT	1		
99	37+90	23' RT	1		
102	38+45	23' RT	1		
104	39+15	15.5' RT			1
106	40+15	15.5' RT			1
108	40+60	15.5' LT			1
109	40+75	15.5' LT			1
112	42+15	15.5' LT			1
<b>TOTAL</b>			<b>6</b>	<b>6</b>	<b>17</b>

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 TUG PROJECT NO. 3120055  
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DESIGNED - TLW  
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 CHECKED - SJF  
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REVISED -  
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 95958	



MANHOLES, TYPE A, 5' DIAMETER SCHEDULE						
STRUCTURE NUMBER	STATION	OFFSET	60221000	60221700	60222000	X6022050
			MANHOLES, TYPE A, 5'-DIAMETER TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 5'-DIAMETER TYPE 8 GRATE	MANHOLES, TYPE A, 5'-DIAMETER TYPE 11 FRAME AND GRATE	MANHOLES, TYPE A, 5'-DIAMETER TYPE 11V FRAME AND GRATE
			EACH	EACH	EACH	EACH
3	10+30	22.6' RT	1			
7	11+70	15.5' RT				1
9	12+80	15.5' RT				1
10	13+30	15.5' RT				1
14	13+50	15.5' RT			1	
27	17+07	15.5' RT				1
36	20+12.50	20.0' RT		1		
52	25+70	15.5' RT				1
58	27+66	15.5' RT				1
107	40+15	15.5' LT				1
111	41+40	15.5' LT				1
114	42+60	15.5' LT				1
116	43+40	15.5' LT				1
<b>TOTAL</b>			<b>1</b>	<b>1</b>	<b>1</b>	<b>10</b>

MANHOLES, TYPE A, 6' DIAMETER SCHEDULE				
STRUCTURE NUMBER	STATION	OFFSET	60223800	X6022055
			MANHOLES, TYPE A, 6'-DIAMETER TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER TYPE 11V FRAME AND GRATE
			EACH	EACH
17	14+00	15.5' RT		1
20	15+40	15.5' RT		1
22	16+00	15.5' RT		1
23	16+50	15.5' LT		1
177	16+73.50	50.68' LT	1	
178	18+10	59.75' LT	1	
118	44+10	15.5' LT		1
<b>TOTAL</b>			<b>2</b>	<b>5</b>

MANHOLES, TYPE A, 7' AND 8' DIAMETER SCHEDULE							
STRUCTURE NUMBER	STATION	OFFSET	60224445	X6022060	60224461	X6020296	X6022061
			MANHOLES, TYPE A, 7'-DIAMETER TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 7'-DIAMETER TYPE 11V FRAME AND GRATE	MANHOLES, TYPE A, 8'-DIAMETER TYPE 11 FRAME AND GRATE	MANHOLES, TYPE A, 8'-DIAMETER WITH SPECIAL FRAME AND GRATE	MANHOLES, TYPE A, 8'-DIAMETER TYPE 11V FRAME AND GRATE
			EACH	EACH	EACH	EACH	EACH
24	16+50	15.5' RT		1			
30	18+40	15.5' LT		1			
32	19+47	15.5' LT		1			
128	45+50	15.5' LT	1				
29	18+10	15.5' LT					1
61	28+20	15.5' RT				1	
66	28+56	15.5' LT			1		
<b>TOTAL</b>			<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>

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DESIGNED - TLW  
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	21
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

**STORM SEWER SCHEDULE OUTLET 1**

SEGMENT	542C0213	550B0050	550B0070	550B0090	550B0120	550B0340	550B0360	550B0380	550B0410	550B0430	550B0450	550B0480	20800150
	PIPE CULVERTS, CLASS C, TYPE 1 8"	STORM SEWERS, CLASS B, TYPE 1 12"	STORM SEWERS, CLASS B, TYPE 1 15"	STORM SEWERS, CLASS B, TYPE 1 18"	STORM SEWERS, CLASS B, TYPE 1 24"	STORM SEWERS, CLASS B, TYPE 2 12"	STORM SEWERS, CLASS B, TYPE 2 15"	STORM SEWERS, CLASS B, TYPE 2 18"	STORM SEWERS, CLASS B, TYPE 2 24"	STORM SEWERS, CLASS B, TYPE 2 30"	STORM SEWERS, CLASS B, TYPE 2 36"	STORM SEWERS, CLASS B, TYPE 2 48"	TRENCH BACKFILL
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CUYD
SS-1		39											5.1
SS-2		6											0.3
SS-3					24								0.0
SS-4		14											1.1
SS-5									139				72.8
SS-6		44											6.7
SS-7		19											2.9
SS-8		30											5.2
SS-9										108			82.9
SS-10		30											4.6
SS-11										48			39.2
SS-12										18			20.0
SS-13		19											2.5
SS-14		19											2.5
SS-15		30											5.2
SS-16										50			63.1
SS-17		30											4.6
SS-18				15									2.1
SS-19										138			208.1
SS-20		30											4.6
SS-21							16						1.7
SS-22											58		98.9
SS-23		30											4.6
SS-24										48			81.9
SS-25		33											7.1
SS-26						18							2.4
SS-27							57						21.4
SS-28										30			42.1
SS-29										42			31.5
SS-30		12											2.6
SS-31						30							6.5
SS-32						30							7.7
SS-33										44			10.5
SS-34											30		56.0
SS-35											107		181.0
SS-36		10											1.9
SS-37						30							7.1
SS-38						10							0.0
SS-39											65		102.4
SS-40											42		43.0
SS-41								35					12.5
SS-42							65						16.9
SS-43							30						7.8
SS-44		12											2.8
SS-45		12											2.6
SS-46						10							2.6
SS-47						62							9.5
SS-48		67											4.3
SS-49	31												0.0
<b>SUBTOTAL (1)</b>	<b>31</b>	<b>486</b>	<b>0</b>	<b>15</b>	<b>24</b>	<b>190</b>	<b>168</b>	<b>35</b>	<b>0</b>	<b>139</b>	<b>584</b>	<b>244</b>	<b>1302.8</b>

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	22
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

**STORM SEWER SCHEDULE OUTLET 2**

SEGMENT	542C0213	550B0050	550B0070	550B0090	550B0120	550B0340	550B0360	550B0380	550B0410	550B0430	550B0450	550B0480	20800150
	PIPE CULVERTS, CLASS C, TYPE 1 8"	STORM SEWERS, CLASS B, TYPE 1 12"	STORM SEWERS, CLASS B, TYPE 1 15"	STORM SEWERS, CLASS B, TYPE 1 18"	STORM SEWERS, CLASS B, TYPE 1 24"	STORM SEWERS, CLASS B, TYPE 2 12"	STORM SEWERS, CLASS B, TYPE 2 15"	STORM SEWERS, CLASS B, TYPE 2 18"	STORM SEWERS, CLASS B, TYPE 2 24"	STORM SEWERS, CLASS B, TYPE 2 30"	STORM SEWERS, CLASS B, TYPE 2 36"	STORM SEWERS, CLASS B, TYPE 2 48"	TRENCH BACKFILL
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CUYD
SS-50		100											17.4
SS-51		30											4.6
SS-52		44											8.6
SS-53		40											7.8
SS-54		30											4.6
SS-55			85										20.1
SS-56		31											5.4
SS-57		24											9.2
SS-59							72						11.3
SS-60							42						0.0
SS-61		30											4.6
SS-62		4											0.8
SS-63			41										9.7
SS-64								40					11.3
SS-65											52		51.7
SS-66		72											5.5
SS-68												30	29.8
SS-69		54											9.4
SS-70						36							8.5
SS-71										26			28.9
SS-72		11											0.0
SS-73											34		7.4
SS-74									17				18.5
SS-75									176				177.6
SS-76		72											12.5
SS-77		3											0.6
SS-78							30						7.8
SS-79								47					32.2
SS-80		15											3.2
SS-81		13											2.3
SS-82		14											1.8
SS-83							30						11.3
SS-84							15						4.6
SS-85							13						3.7
SS-86							14						3.6
SS-87						21							2.8
SS-88						70							19.5
SS-89						24							0.0
SS-90		30											4.6
SS-91		36											7.0
<b>SUBTOTAL (2)</b>	<b>0</b>	<b>653</b>	<b>126</b>	<b>0</b>	<b>0</b>	<b>151</b>	<b>216</b>	<b>87</b>	<b>193</b>	<b>26</b>	<b>34</b>	<b>82</b>	<b>570.2</b>

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USER NAME = Sta42	DESIGNED - TLW	REVISED -
TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/11/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	23
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

**STORM SEWER SCHEDULE OUTLET 3**

SEGMENT	542C0213	550B0050	550B0070	550B0090	550B0120	550B0340	550B0360	550B0380	550B0410	550B0430	550B0450	550B0480	20800150
	PIPE CULVERTS, CLASS C, TYPE 1 8" FOOT	STORM SEWERS, CLASS B, TYPE 1 12" FOOT	STORM SEWERS, CLASS B, TYPE 1 15" FOOT	STORM SEWERS, CLASS B, TYPE 1 18" FOOT	STORM SEWERS, CLASS B, TYPE 1 24" FOOT	STORM SEWERS, CLASS B, TYPE 2 12" FOOT	STORM SEWERS, CLASS B, TYPE 2 15" FOOT	STORM SEWERS, CLASS B, TYPE 2 18" FOOT	STORM SEWERS, CLASS B, TYPE 2 24" FOOT	STORM SEWERS, CLASS B, TYPE 2 30" FOOT	STORM SEWERS, CLASS B, TYPE 2 36" FOOT	STORM SEWERS, CLASS B, TYPE 2 48" FOOT	TRENCH BACKFILL **
													CUYD
SS-101		30											4.6
SS-102						130							28.0
SS-103		30											5.2
SS-104						130							30.7
SS-105		30											5.2
SS-106							38						4.8
SS-107		38											6.6
SS-108							52						0.0
SS-109		38											6.6
SS-110								55					0.0
SS-111		10											1.7
SS-112		38											6.6
SS-113								70					9.5
SS-114		30											5.8
SS-115									100				35.4
SS-116		15											0.0
SS-117									30				10.6
SS-118									45				17.2
SS-119									14				4.9
SS-120									64				22.6
SS-121						30							5.8
SS-122									75				0.0
SS-123									45				15.9
SS-124						30							5.8
SS-125									80				33.0
SS-126						30							6.5
SS-127											70		57.2
SS-129											114		87.5
SS-136										25			19.9
SS-137							11						0.0
SS-139										27			25.2
<b>OUTLET 3</b>													
<b>SUBTOTAL (3)</b>	<b>0</b>	<b>259</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350</b>	<b>101</b>	<b>125</b>	<b>453</b>	<b>52</b>	<b>184</b>	<b>0</b>	<b>462.8</b>
<b>OUTLET 2</b>													
<b>SUBTOTAL (2)</b>	<b>0</b>	<b>653</b>	<b>126</b>	<b>0</b>	<b>0</b>	<b>151</b>	<b>216</b>	<b>87</b>	<b>193</b>	<b>26</b>	<b>34</b>	<b>82</b>	<b>570.2</b>
<b>OUTLET 1</b>													
<b>SUBTOTAL (1)</b>	<b>31</b>	<b>486</b>	<b>0</b>	<b>15</b>	<b>24</b>	<b>190</b>	<b>168</b>	<b>35</b>	<b>0</b>	<b>139</b>	<b>584</b>	<b>244</b>	<b>1302.8</b>
<b>FINAL</b>													
<b>TOTAL</b>	<b>31</b>	<b>1398</b>	<b>126</b>	<b>15</b>	<b>24</b>	<b>691</b>	<b>485</b>	<b>247</b>	<b>646</b>	<b>217</b>	<b>802</b>	<b>326</b>	<b>2335.8</b>
<b>ROUNDED TOTAL</b>	<b>31</b>	<b>1398</b>	<b>126</b>	<b>15</b>	<b>24</b>	<b>691</b>	<b>485</b>	<b>247</b>	<b>646</b>	<b>217</b>	<b>802</b>	<b>326</b>	<b>2336</b>

\*\* ADDITIONAL TRENCH BACKFILL ON SHEET 19

MODEL: Default  
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**The Upchurch Group**  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42
TUG PROJECT NO. 3120055
PLOT SCALE = 2.0000' / in.
PLOT DATE = 4/11/2024

DESIGNED - TLW
DRAWN -
CHECKED - SJF
DATE - 11/30/23

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
SCHEDULE OF QUANTITIES**

SCALE: 2.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	24
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

STRUCTURE REMOVAL SCHEDULE					
ROUTE	STATION	LT/RT	60500040	60500060	X6026050
			REMOVING MANHOLES	REMOVING INLETS	SANITARY MANHOLES TO BE ADJUSTED
			EACH	EACH	EACH
DOUGLAS	25+74.88	RT		1	
DOUGLAS	26+87.60	RT		1	
DOUGLAS	28+21.82	RT		1	
DOUGLAS	30+88.39	RT	1		
DOUGLAS	30+98.66	LT		1	
DOUGLAS	31+54.30	LT			1
DOUGLAS	39+57.27	LT			1
<b>TOTAL</b>			<b>1</b>	<b>4</b>	<b>2</b>

PAVEMENT MARKING SCHEDULE															
ROUTE	STATION	STATION	LT/RT	TYPE OF MARKING	LENGTH	70300100	70300150	70300221	78000200	78000400	78000650	78001100	78011025	78011035	78011125
						SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 25"
						FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT
DOUGLAS	10+00	43+50	LT/RT	SKIP-DASH	3350	335.0	111.7		837.5				837.5		
DOUGLAS	10+00	22+25	LT/RT	STAGE 1 - SKIP-DASH				306.3							
DOUGLAS	22+25	32+50	LT/RT	STAGE 2 - SKIP-DASH				256.3							
DOUGLAS	32+50	46+00	LT/RT	STAGE 3 - SKIP-DASH				337.5							
BRIARWOOD	18+73.30	19+18.46	RT	CROSSWALK					46					46	
BRIARWOOD	18+79.44	19+12.32	RT	CROSSWALK					33					33	
BRIARWOOD	18+95.88	19+10.57	RT	STOP BAR						15					15
WOODBERRY	25+09.75	25+50.54	RT	CROSSWALK					41					41	
WOODBERRY	25+14.74	25+45.54	RT	CROSSWALK					31					31	
WOODBERRY	25+30.14	25+44.37	RT	STOP BAR						15					15
DOUGLAS	10+00	46+00	LT/RT	SHARED USE SYMBOL - 8.0 SQ FT EACH (250' INTERVALS)								208			
<b>TOTAL</b>						<b>335.0</b>	<b>111.7</b>	<b>900.1</b>	<b>837.5</b>	<b>151.0</b>	<b>30.0</b>	<b>208.0</b>	<b>837.5</b>	<b>151.0</b>	<b>30.0</b>
<b>ROUNDED TOTAL</b>						<b>335</b>	<b>112</b>	<b>900</b>	<b>838</b>	<b>151</b>	<b>30</b>	<b>208</b>	<b>838</b>	<b>151</b>	<b>30</b>

MODEL: Default  
 FILE: M:\E:\P\001\CharlestonDouglas Street - 3120055\CAD\_Sheets\Sched.dgn  
 The Upchurch Group  
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 Professional Design Firm Corporation  
 License No. 154-003401  
 123 North 15th Street  
 Matteson, IL 61438  
 Phone: 217.235.3177  
 e-mail: upchurchgroup@upchurchgroup.com

SIGN SCHEDULE							
ROUTE	STATION	LT/RT	SIGN TYPE	72000100	72800100	X7240500	Z0051500
				SIGN PANEL -TYPE 1	TELESCOPING STEEL SIGN SUPPORT	RELOCATE EXISTING SIGNS	REMOVING AND RESETTING STREET SIGNS
				SQ FT	FOOT	EACH	EACH
DOUGLAS	10+10	19.5' RT	W11-1, 30"x30"	6.25	18		
DOUGLAS	10+10	19.5' RT	W16-1, 18"x24"	3.00			
DOUGLAS	11+95.95	RT	30 MPH & NO PARKING THIS SIDE		17		1
DOUGLAS	14+62.16	RT	LINCOLNSHIRE APTS. & TOWNHOMES			1	
DOUGLAS	16+69.08	RT	DEER X-ING		17		1
DOUGLAS	16+98.05	RT	30 MPH & NO PARKING THIS SIDE		17		1
DOUGLAS	17+86.94	LT	LAFFERTY NATURE STUDY CENTER			1	
DOUGLAS	24+45.67	LT	30 MPH & NO PARKING THIS SIDE		17		1
DOUGLAS	26+42.20	RT	30 MPH & NO PARKING THIS SIDE		17		1
DOUGLAS	32+07.21	RT	SLOW CHILDREN AT PLAY, KEEP RIGHT, & NO PARKING THIS SIDE		16		1
DOUGLAS	40+24.93	LT	30 MPH		16		1
DOUGLAS	44+00	24' RT	W1-2, 30"x30"	6.25	17		
DOUGLAS	44+00	24' RT	W13-1P, 18"x18"	2.25			
DOUGLAS	44+25.43	RT	LEFT TURN WARNING SIGN		17		1
<b>TOTAL</b>				<b>17.75</b>	<b>169</b>	<b>2</b>	<b>8</b>
<b>ROUNDED TOTAL</b>				<b>18</b>	<b>169</b>	<b>2</b>	<b>8</b>

MAILBOX REMOVE AND REPLACE SCHEDULE			
ROUTE	STATION	LT/RT	X0327902
			MAILBOX REMOVE AND REPLACE
			EACH
DOUGLAS	12+83.35	RT	1
DOUGLAS	13+90.51	RT	1
DOUGLAS	15+62.35	RT	1
DOUGLAS	19+66.72	RT	1
DOUGLAS	20+88.53	RT	1
DOUGLAS	21+73.63	RT	1
DOUGLAS	22+28.57	RT	1
DOUGLAS	22+91.28	RT	1
DOUGLAS	23+14.85	RT	1
DOUGLAS	23+16.57	RT	1
DOUGLAS	24+36.12	RT	1
DOUGLAS	24+67.04	RT	1
DOUGLAS	26+09.48	RT	1
DOUGLAS	27+17.93	RT	1
DOUGLAS	27+19.36	RT	1
DOUGLAS	27+21.33	RT	1
DOUGLAS	28+12.01	RT	1
DOUGLAS	28+56.87	RT	1
DOUGLAS	29+33.43	RT	1
DOUGLAS	30+17.81	RT	1
DOUGLAS	30+96.05	RT	1
DOUGLAS	30+99.47	RT	1
DOUGLAS	32+59.70	RT	1
DOUGLAS	32+60.84	RT	1
DOUGLAS	33+22.99	RT	1
DOUGLAS	33+82.24	RT	1
DOUGLAS	34+15.91	RT	1
DOUGLAS	34+72.93	RT	1
DOUGLAS	34+76.10	RT	1
DOUGLAS	35+61.64	RT	1
DOUGLAS	36+06.16	RT	1
DOUGLAS	36+07.54	RT	1
DOUGLAS	37+50.90	RT	1
DOUGLAS	38+11.90	RT	1
DOUGLAS	38+92.79	RT	1
DOUGLAS	39+67.82	RT	1
DOUGLAS	40+33.49	RT	1
DOUGLAS	41+09.85	RT	1
DOUGLAS	41+85.32	RT	1
DOUGLAS	11+92.63	LT	1
<b>TOTAL</b>			<b>40</b>

SURVEY MARKER SCHEDULE			
ROUTE	LOCATION		XZ193300
			SURVEY MARKER, TYPE 1 (SPECIAL)
	STATION	OFFSET	EACH
DOUGLAS	22+97.51	0'	1
<b>TOTAL</b>			<b>1</b>

DRAINAGE SYSTEM SCHEDULE			
ROUTE	LOCATION		X5230100
			DRAINAGE SYSTEM (SPECIAL)
	STATION	STATION	L SUM
DOUGLAS	16+69.33 LT	18+14.29 LT	1
<b>TOTAL</b>			<b>1</b>

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 CHARLESTON\Douglas Street - 3120055\CAD\_Sheets\shs-Schedule.dgn

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 PLOT SCALE = 2.0000 ' / in.  
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DESIGNED - TLW  
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

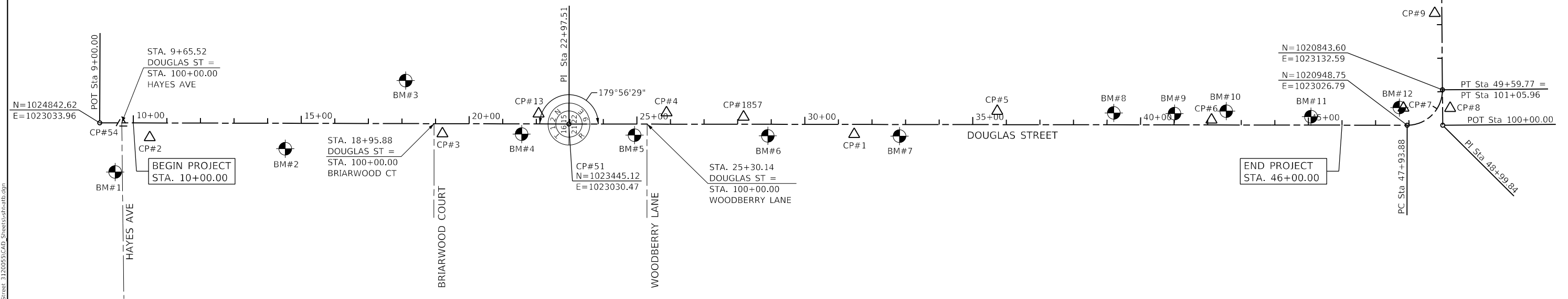
**DOUGLAS STREET RECONSTRUCTION**  
**SCHEDULE OF QUANTITIES**

SCALE: 2.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	26
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

BENCH MARKS		
BENCH MARK NUMBER	DESCRIPTION	NAVD 88 DATUM (COMPUTED USING GEOID18)
1	TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED NORTH OF HAYES AVE. AND WEST OF DOUGLAS ST., STA 9+46.3, 146.0' RT	694.74
2	NORTHWEST TOP CAP BOLT ON FIRE HYDRANT LOCATED IN SOUTHWEST QUADRANT OF DOUGLAS ST. & ENTRANCE TO LINCOLNSHIRE APTS., STA 14+52.7, 75.4' RT	689.17
3	TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED JUST NORTH OF WATER TOWER, STA 18+10.8, 128.6' LT	687.49
4	SOUTHEAST TOP CAP BOLT ON FIRE HYDRANT LOCATED BETWEEN 2004 AND 2008 DOUGLAS ST., STA 21+56.6, 30.2' RT	684.15
5	TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED IN NORTHWEST QUADRANT DOUGLAS ST. & WOODBERRY LANE, STA 24+92.9, 32.7' RT	679.60
6	TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED BETWEEN 2126 & 2130 DOUGLAS ST., STA 28+89.9, 34.1' RT	668.44
7	NORTHWEST TOP CAP BOLT ON FIRE HYDRANT AT 2202 DOUGLAS ST., STA 32+82.1, 34.4' RT	669.32
8	RAILROAD SPIKE IN WEST FACE OF POWER POLE WITH TRANSFORMER AT 2321 DOUGLAS ST., STA 39+20.1, 35.5' LT	634.94
9	TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED BETWEEN 2333 & 2339 DOUGLAS ST., STA 41+01.1, 34.0' LT	626.29
10	RAILROAD SPIKE IN SOUTH FACE OF POWER POLE LOCATED AT NORTHWEST CORNER OF REASOR PARK, STA 42+55.1, 41.1' LT	620.86
11	SOUTHEAST TOP CAP BOLT ON FIRE HYDRANT LOCATED IN SOUTHEAST QUADRANT OF DOUGLAS ST & ENTRANCE TO REASOR PARK., STA 45+07.4, 25.5' LT	616.52
12	RAILROAD SPIKE IN EAST FACE OF SECOND POWER POLE NORTH OF COOLIDGE AVE. & EAST OF DOUGLAS ST., STA 47+70.8, 52.7' LT	632.20
13	RAILROAD SPIKE NORTH FACE OF POWER POLE NORTH OF COOLIDGE AVE., STA 106+01.7, 23.3' LT	656.95
14	TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED BETWEEN 715 & 721 COOLIDGE AVE., STA 111+09.9, 27.9' LT	658.66

CONTROL POINTS					
CONTROL POINT NUMBER	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
	NAD_83(2011)				
1	1022595.542	1022999.771	IRON PIN	31+47.13	29.44' RT
2	1024693.817	1022990.186	IRON PIN	10+48.91	43.40' RT
3	1023821.809	1023001.774	IRON PIN	19+20.89	29.63' RT
4	1023154.556	1023064.354	IRON PIN	25+88.02	34.32' LT
5	1022169.564	1023068.828	IRON PIN	35+73.00	40.24' LT
6	1021531.460	1023042.714	IRON PIN	42+11.14	15.07' LT
7	1020959.466	1023078.367	IRON PIN	47+83.08	51.56' LT
8	1020820.628	1023077.611	IRON PIN	49+16.92	33.96' RT
9	1020866.374	1023360.248	IRON PIN	103+33.79	21.04' LT
10	1020869.026	1023643.571	IRON PIN	106+17.12	21.53' LT
11	1020880.498	1023850.894	IRON PIN	108+24.53	31.42' LT
12	1020887.163	1024327.685	IRON PIN	113+01.36	34.46' LT
13	1023535.554	1023061.062	IRON PIN	22+06.99	30.37' LT
51	1023445.117	1023030.465	IRON PIN	22+97.51	0.00' RT
54	1024777.102	1023033.839	BRASS MARKER	9+65.52	0.05' LT
1857	1022924.955	1023051.650	IRON PIN	28+17.64	21.95' LT



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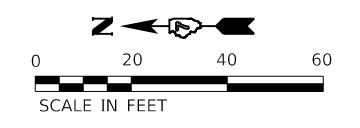
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TUG PROJECT NO. 3120055	DRAWN - SAE	REVISED -
PLOT SCALE = 300.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>DOUGLAS STREET RECONSTRUCTION</b>	
<b>ALIGNMENT, TIES, AND BENCH MARKS</b>	
SCALE:	1 SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	27
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



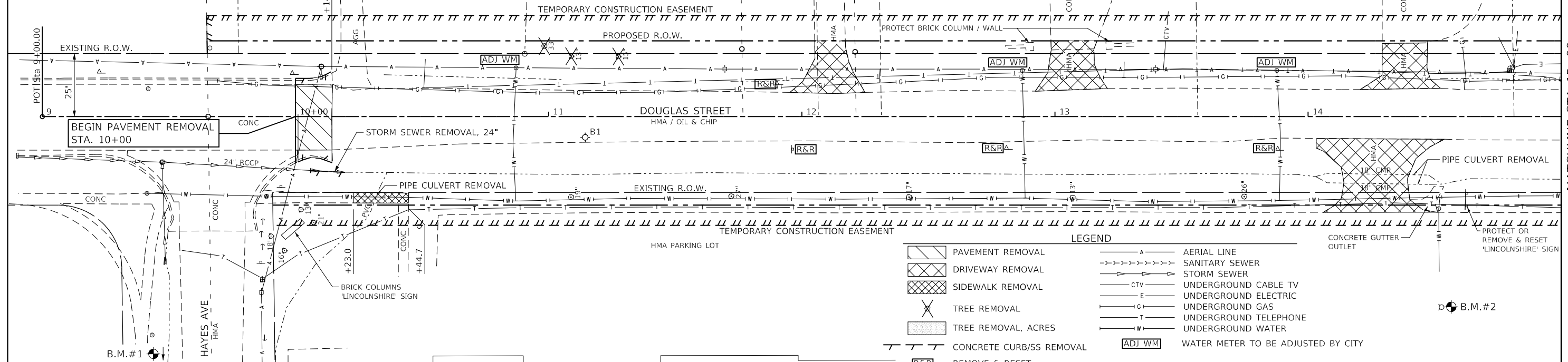


**BENCH MARKS**

#1 TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED NORTH OF HAYES AVE. AND WEST OF DOUGLAS ST. STA. 9+46.3, 146.0' RT., ELEVATION = 694.74

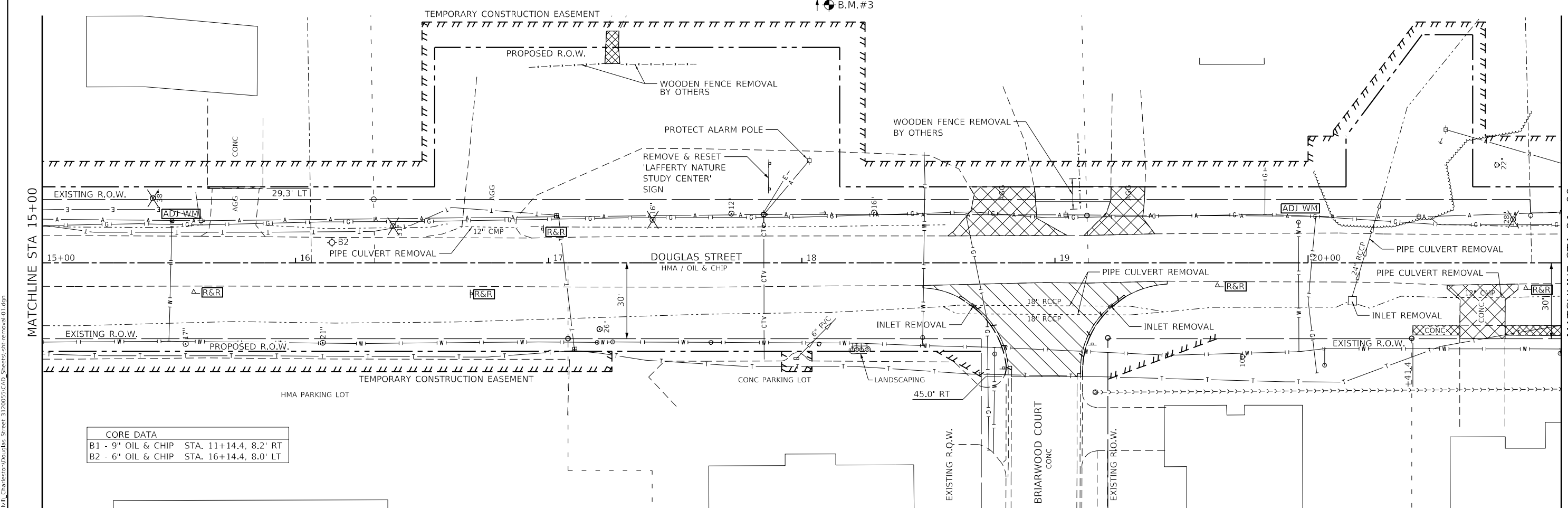
#2 NORTHWEST TOP CAP BOLT ON FIRE HYDRANT LOCATED IN SOUTHWEST QUADRANT OF DOUGLAS ST. AND ENTRANCE TO LINCOLNSHIRE APTS. STA. 14+52.7, 75.4' RT., ELEVATION = 689.17

#3 TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED JUST NORTH OF WATER TOWER. STA. 18+10.8, 128.6' LT., ELEVATION = 687.49



**LEGEND**

	PAVEMENT REMOVAL		AERIAL LINE
	DRIVEWAY REMOVAL		SANITARY SEWER
	SIDEWALK REMOVAL		STORM SEWER
	TREE REMOVAL		UNDERGROUND CABLE TV
	TREE REMOVAL, ACRES		UNDERGROUND ELECTRIC
	CONCRETE CURB/SS REMOVAL		UNDERGROUND GAS
	REMOVE & RESET		UNDERGROUND TELEPHONE
			UNDERGROUND WATER
			WATER METER TO BE ADJUSTED BY CITY



**CORE DATA**

B1 - 9" OIL & CHIP STA. 11+14.4, 8.2' RT

B2 - 6" OIL & CHIP STA. 16+14.4, 8.0' LT

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USER NAME = Sta42  
 TUG PROJECT NO. 3120055  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 4/10/2024

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 CHECKED - SJF  
 DATE - 11/30/23

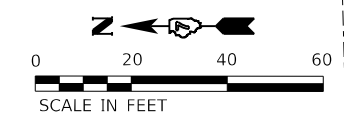
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**REMOVAL PLAN**

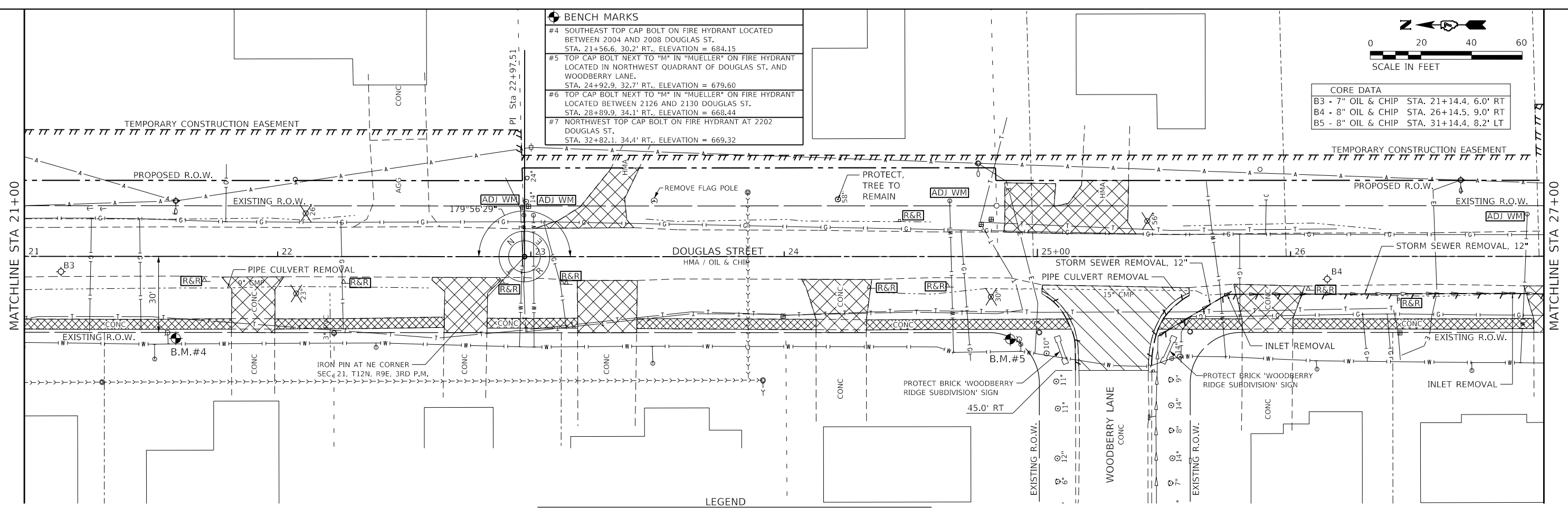
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	28
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

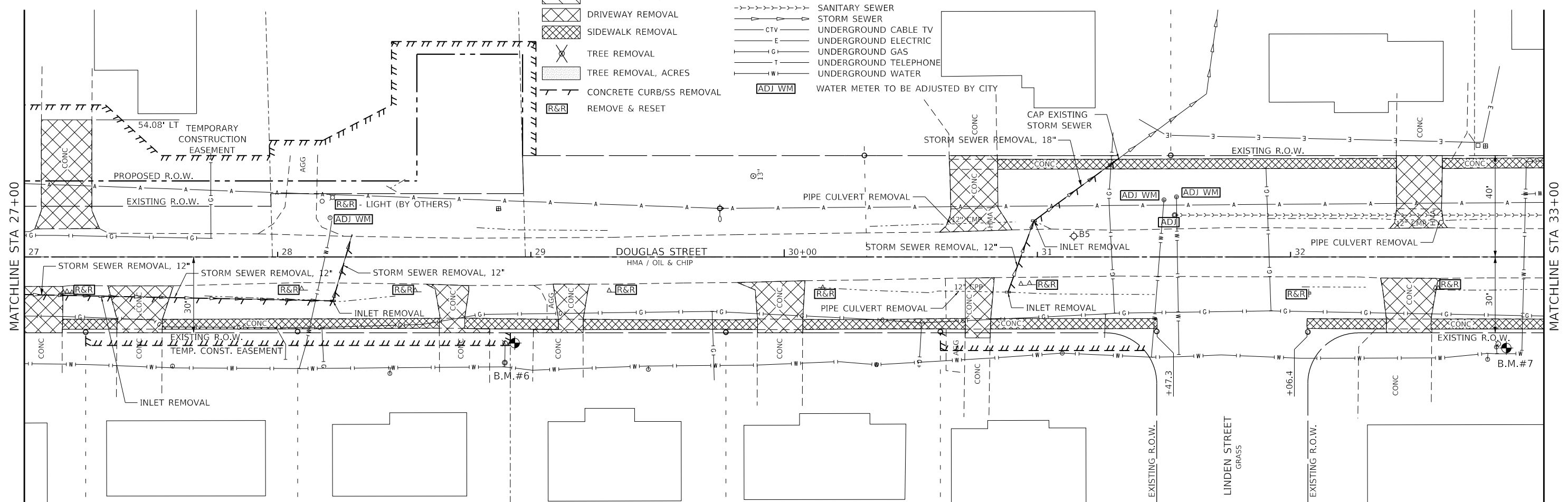


CORE DATA	
B3 - 7" OIL & CHIP	STA. 21+14.4, 6.0' RT
B4 - 8" OIL & CHIP	STA. 26+14.5, 9.0' RT
B5 - 8" OIL & CHIP	STA. 31+14.4, 8.2' LT

BENCH MARKS	
#4	SOUTHEAST TOP CAP BOLT ON FIRE HYDRANT LOCATED BETWEEN 2004 AND 2008 DOUGLAS ST. STA. 21+56.6, 30.2' RT, ELEVATION = 684.15
#5	TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED IN NORTHWEST QUADRANT OF DOUGLAS ST. AND WOODBERRY LANE. STA. 24+92.9, 32.7' RT, ELEVATION = 679.60
#6	TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED BETWEEN 2126 AND 2130 DOUGLAS ST. STA. 28+89.9, 34.1' RT, ELEVATION = 668.44
#7	NORTHWEST TOP CAP BOLT ON FIRE HYDRANT AT 2202 DOUGLAS ST. STA. 32+82.1, 34.4' RT, ELEVATION = 669.32



LEGEND	
	PAVEMENT REMOVAL
	DRIVEWAY REMOVAL
	SIDEWALK REMOVAL
	TREE REMOVAL
	TREE REMOVAL, ACRES
	CONCRETE CURB/SS REMOVAL
	REMOVE & RESET
	AERIAL LINE
	SANITARY SEWER
	STORM SEWER
	UNDERGROUND CABLE TV
	UNDERGROUND ELECTRIC
	UNDERGROUND GAS
	UNDERGROUND TELEPHONE
	UNDERGROUND WATER
	WATER METER TO BE ADJUSTED BY CITY



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 TUG PROJECT NO. 3120055  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 4/10/2024

DESIGNED - TLW  
 DRAWN - SAE  
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 DATE - 11/30/23

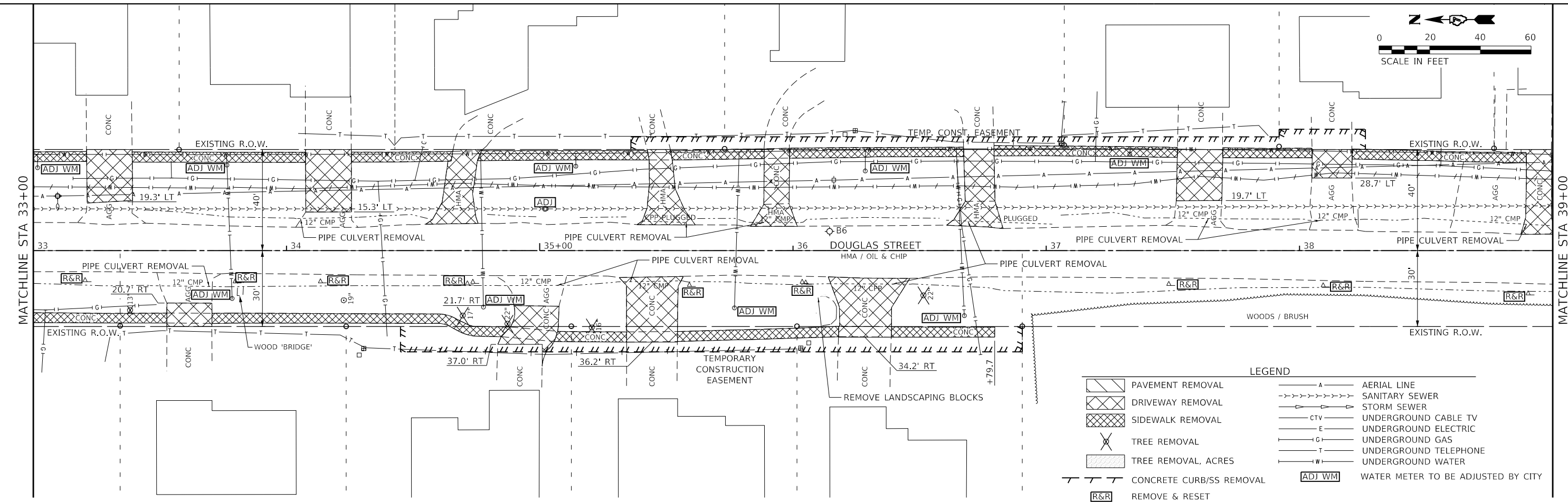
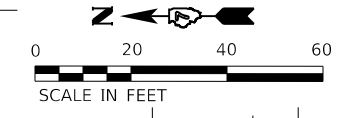
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**REMOVAL PLAN**

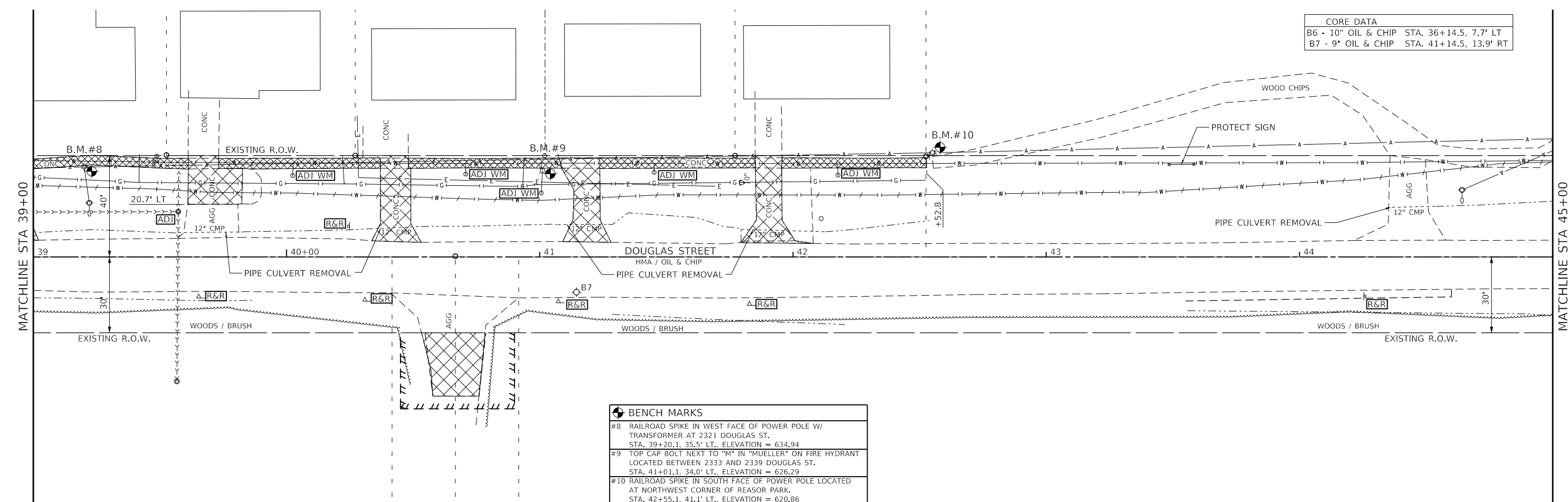
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	29
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	PAVEMENT REMOVAL		AERIAL LINE
	DRIVEWAY REMOVAL		SANITARY SEWER
	SIDEWALK REMOVAL		STORM SEWER
	TREE REMOVAL		UNDERGROUND CABLE TV
	TREE REMOVAL, ACRES		UNDERGROUND ELECTRIC
	CONCRETE CURB/SS REMOVAL		UNDERGROUND GAS
	REMOVE & RESET		UNDERGROUND TELEPHONE
			UNDERGROUND WATER
			WATER METER TO BE ADJUSTED BY CITY



**CORE DATA**  
 B6 - 10" OIL & CHIP STA. 36+14.5, 7.7' LT  
 B7 - 9" OIL & CHIP STA. 41+14.5, 13.9' RT

**BENCH MARKS**

#8	RAILROAD SPIKE IN WEST FACE OF POWER POLE W/ TRANSFORMER AT 2321 DOUGLAS ST. STA. 39+20.1, 35.5' LT., ELEVATION = 634.94
#9	TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED BETWEEN 2333 AND 2339 DOUGLAS ST. STA. 41+01.1, 34.0' LT., ELEVATION = 626.29
#10	RAILROAD SPIKE IN SOUTH FACE OF POWER POLE LOCATED AT NORTHWEST CORNER OF REASOR PARK. STA. 42+55.1, 41.1' LT., ELEVATION = 620.86

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USER NAME = Sta42  
 TUG PROJECT NO. 3120055  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 4/10/2024

DESIGNED - TLW  
 DRAWN - SAE  
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 DATE - 11/30/23

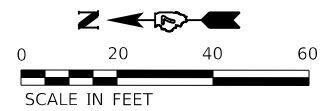
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 REMOVAL PLAN**

SCALE: 40.0000' / in. SHEET 3 OF 4 SHEETS STA. 33+00 TO STA. 45+00

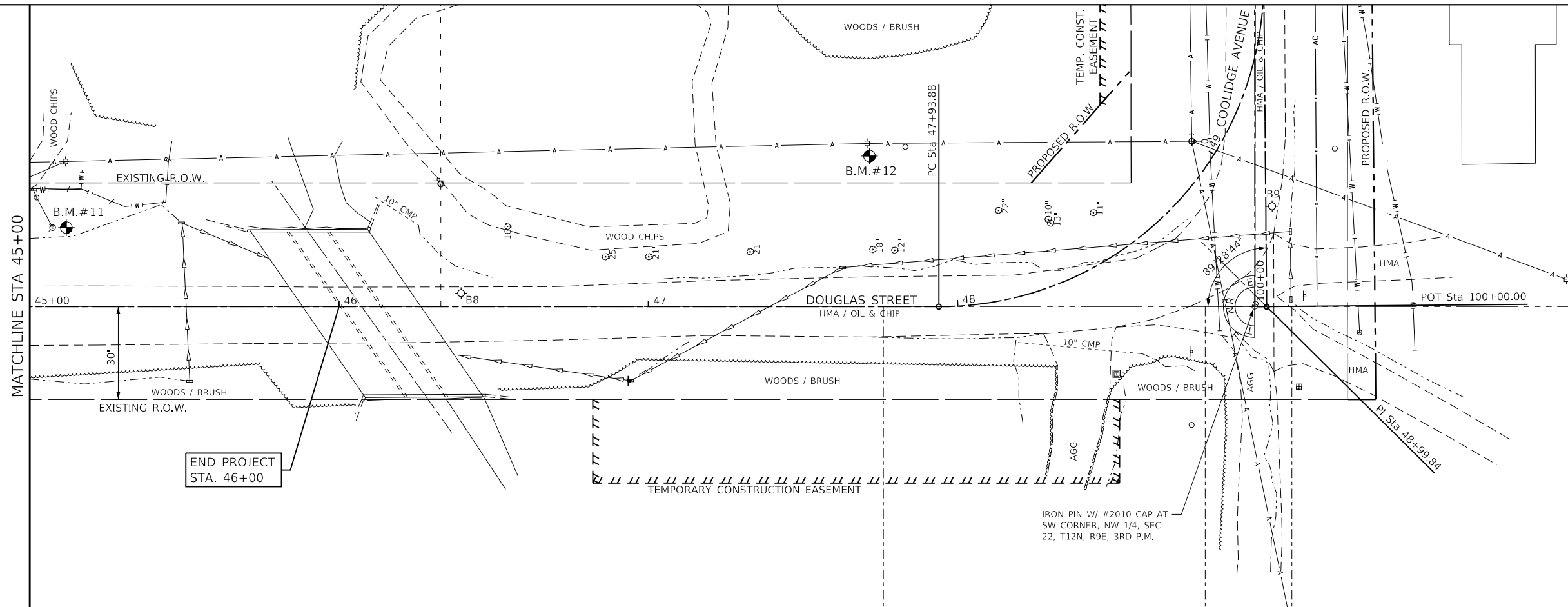
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	30
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**BENCH MARKS**

#11 SOUTHEAST TOP CAP BOLT ON FIRE HYDRANT LOCATED IN SOUTHEAST QUADRANT OF DOUGLAS ST. AND ENTRANCE TO REASOR PARK.  
 STA. 45+07.4, 25.5' LT., ELEVATION = 616.52

#12 RAILROAD SPIKE IN EAST FACE OF SECOND POWER POLE NORTH OF COOLIDGE AVE. AND EAST OF DOUGLAS ST.  
 STA. 47+70.8, 52.7' LT., ELEVATION = 632.20



END PROJECT  
 STA. 46+00

IRON PIN W/ #2010 CAP AT  
 SW CORNER, NW 1/4, SEC.  
 22, T12N, R9E, 3RD P.M.

LEGEND	
	PAVEMENT REMOVAL
	DRIVEWAY REMOVAL
	SIDEWALK REMOVAL
	TREE REMOVAL
	TREE REMOVAL, ACRES
	CONCRETE CURB/SS REMOVAL
	REMOVE & RESET
	AERIAL LINE
	SANITARY SEWER
	STORM SEWER
	UNDERGROUND CABLE TV
	UNDERGROUND ELECTRIC
	UNDERGROUND GAS
	UNDERGROUND TELEPHONE
	UNDERGROUND WATER
	WATER METER TO BE ADJUSTED BY CITY

CORE DATA	
B8 - 12" OIL & CHIP	STA. 46+39.4, 4.4' LT
B9 - 9" OIL & CHIP	STA. 48+96.6, 24.9' RT

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PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

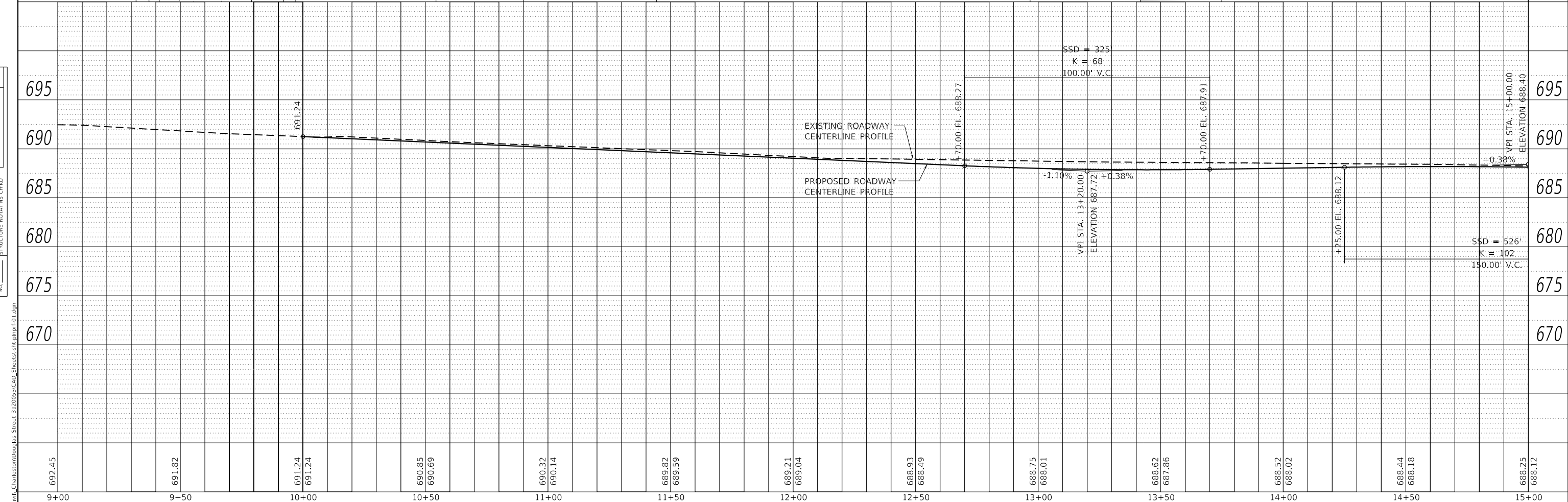
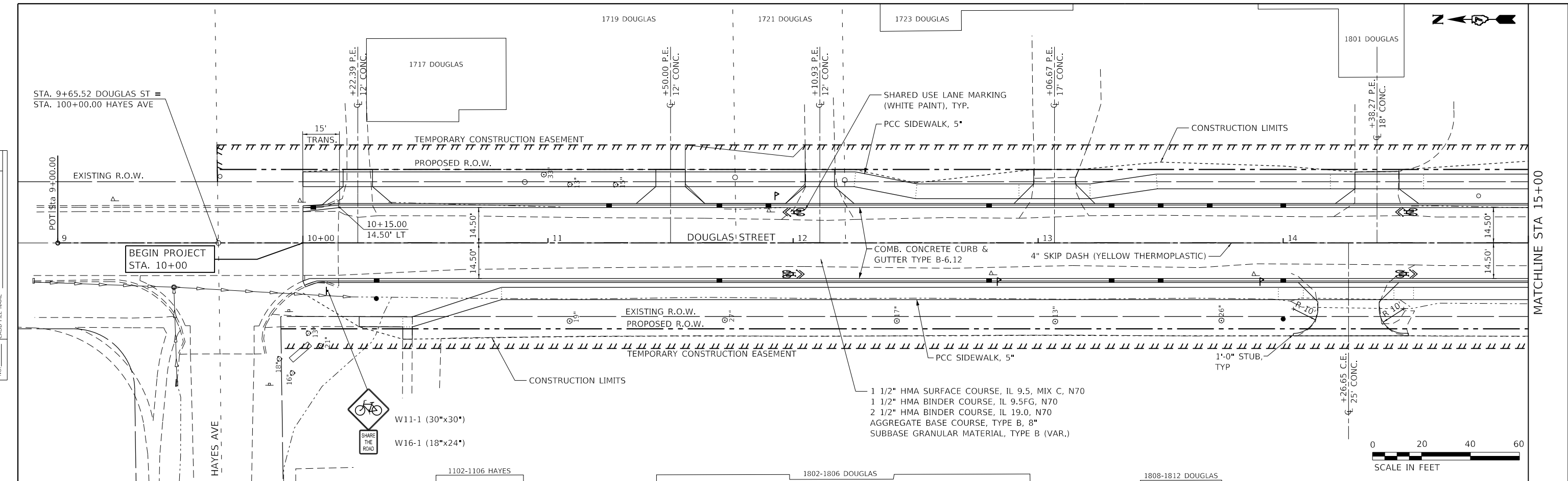
**DOUGLAS STREET RECONSTRUCTION  
 REMOVAL PLAN**

SCALE: 40.0000 ' / in. SHEET 4 OF 4 SHEETS STA. 45+00 TO STA. 48+99.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	31
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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	ALIGNED	
	CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



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USER NAME	= Sta42
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PLOT SCALE	= 40.0000 ' / in.
PLOT DATE	= 4/10/2024

DESIGNED	- TLW	REVISED	-
DRAWN	-	REVISED	-
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DATE	- 11/30/23	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

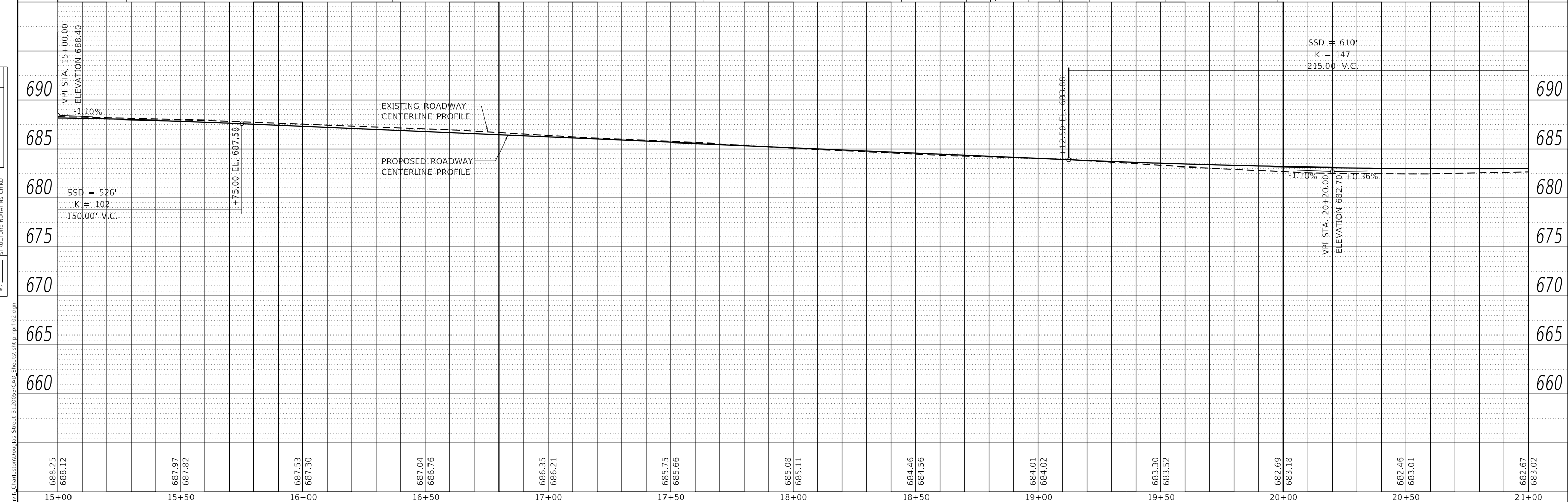
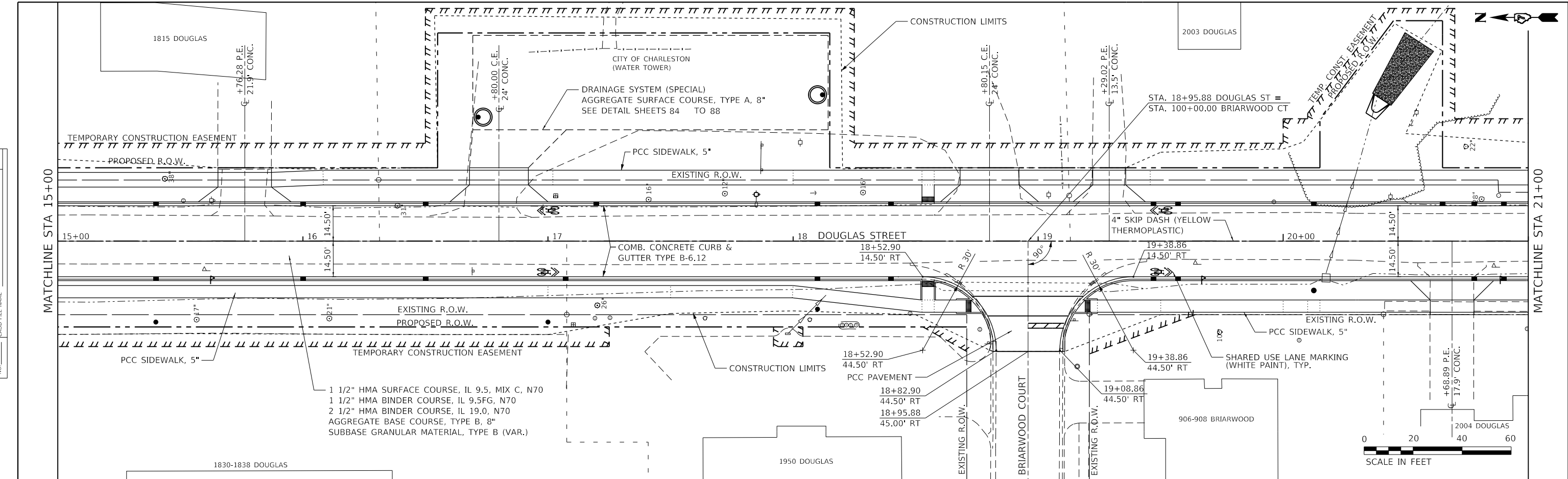
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	32
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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PROFILE	SURVEYED	DATE
	PLOTTED	BY
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USER NAME	= Sta42
TUG PROJECT NO.	3120055
PLOT SCALE	= 40.0000 ' / in.
DATE	11/30/23

DESIGNED	- TLW	REVISED	-
DRAWN	-	REVISED	-
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DATE	- 11/30/23	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

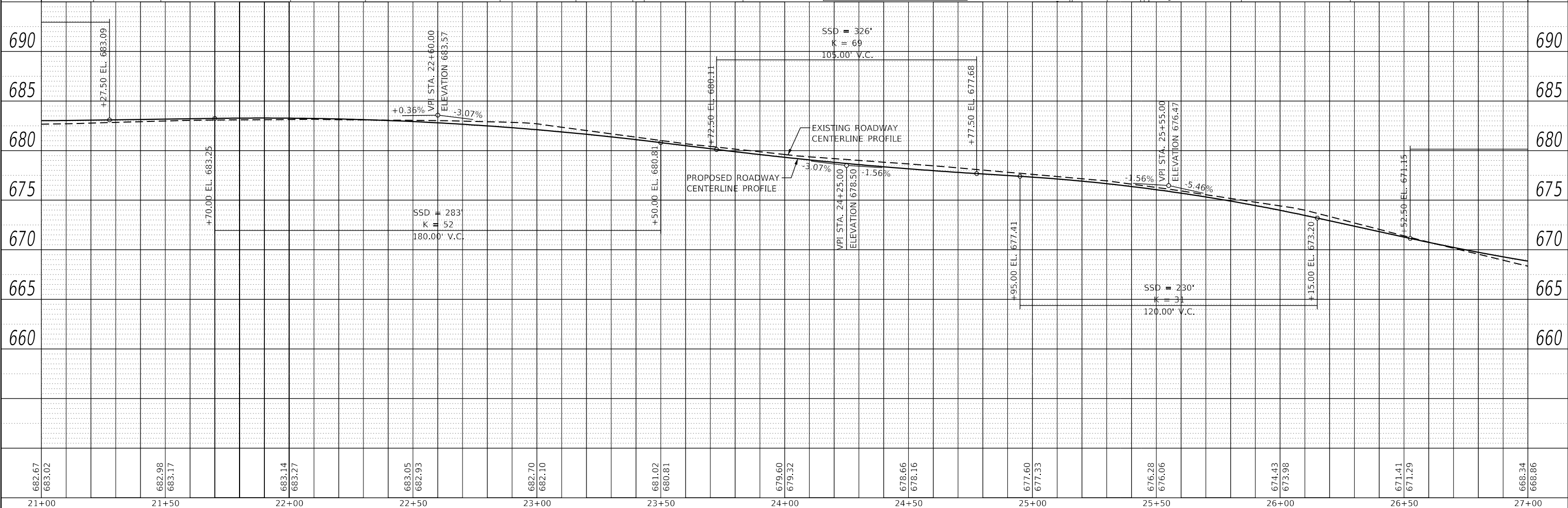
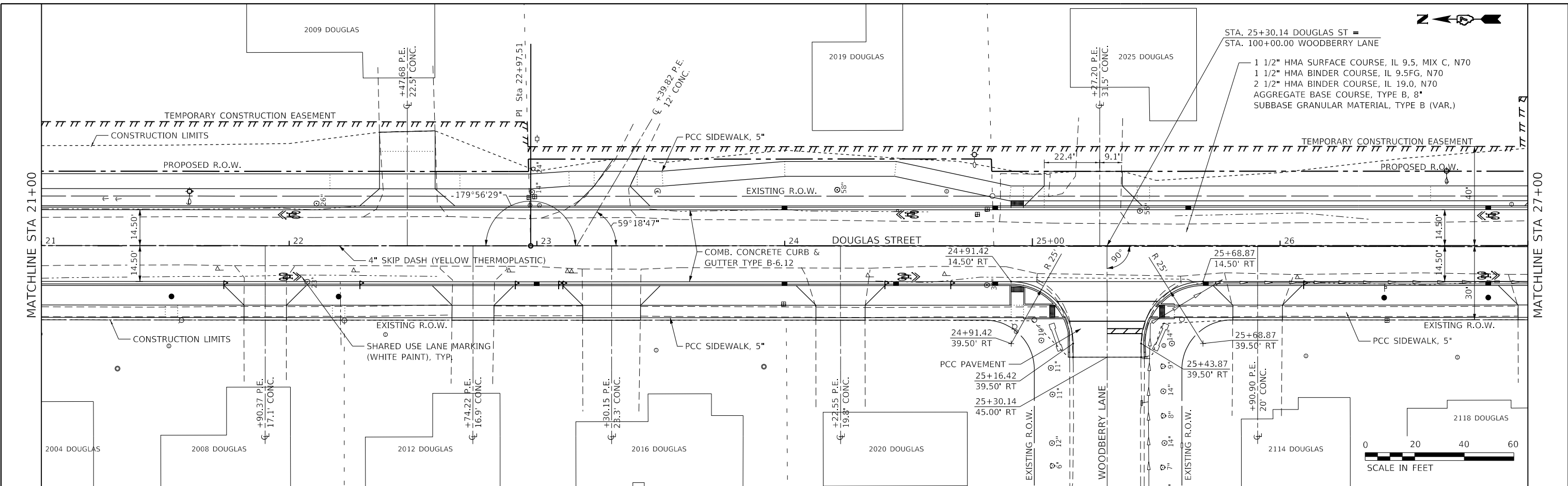
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	33
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00														

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USER NAME = Sta42  
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 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 4/10/2024

DESIGNED - TLW	REVISED -
DRAWN -	REVISED -
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DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

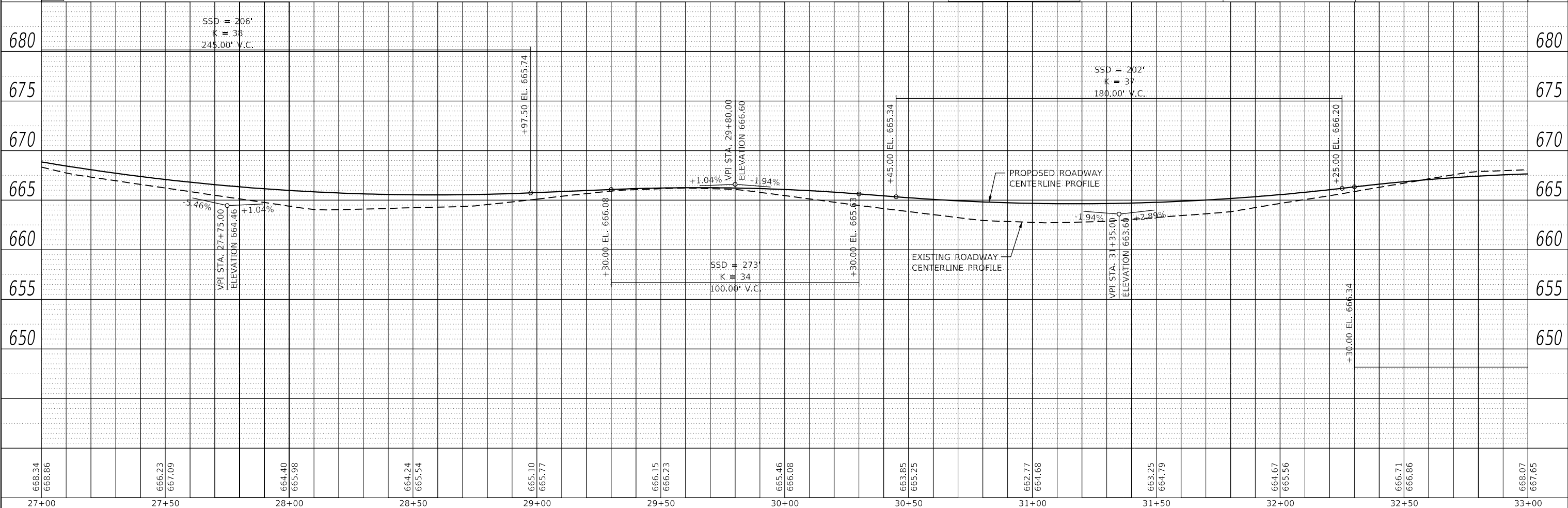
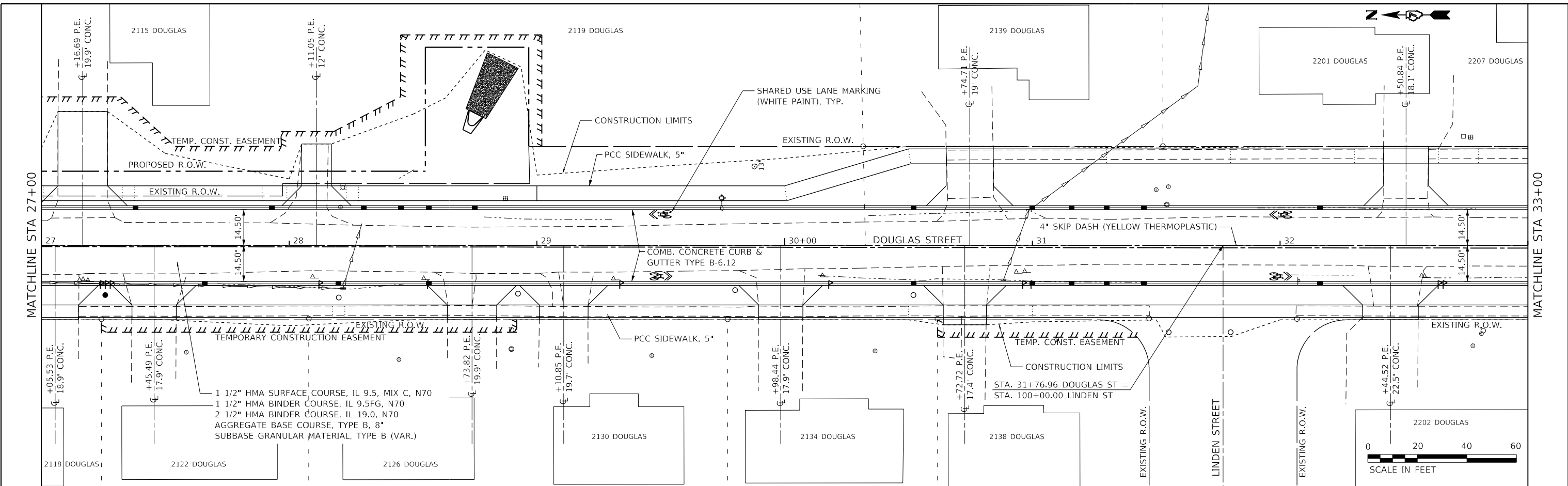
**DOUGLAS STREET RECONSTRUCTION**  
**PLAN AND PROFILE**  
 SCALE: 40.0000' / in. SHEET 3 OF 7 SHEETS STA. 21+00 TO STA. 27+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	34
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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PLOT DATE	= 4/10/2024

DESIGNED	- TLW
DRAWN	-
CHECKED	- SJF
DATE	- 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 PLAN AND PROFILE**

SCALE: 40.0000' / in. SHEET 4 OF 7 SHEETS STA. 27+00 TO STA. 33+00

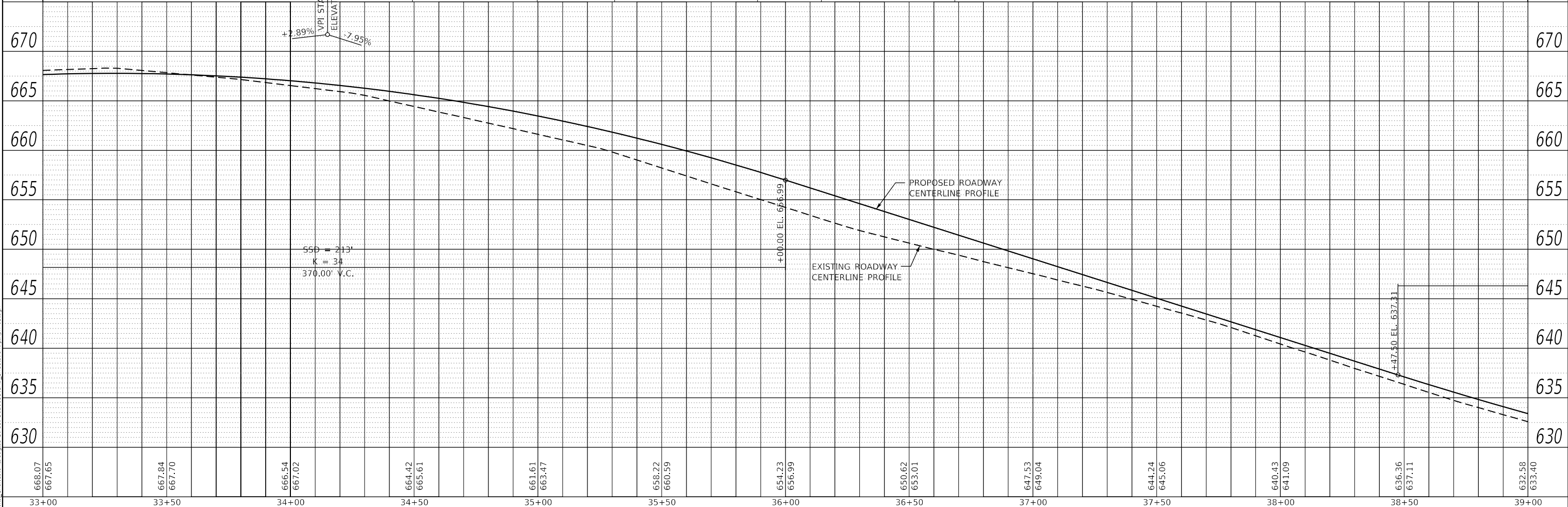
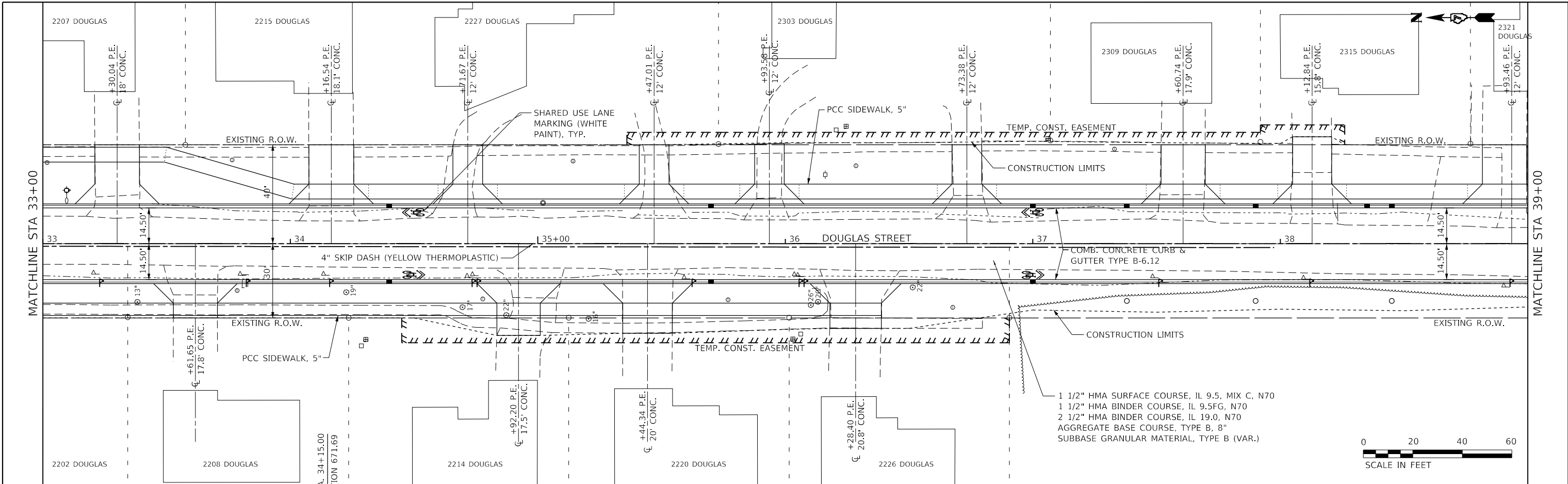
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7640	19-00118-00-WR	COLES	154	35
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

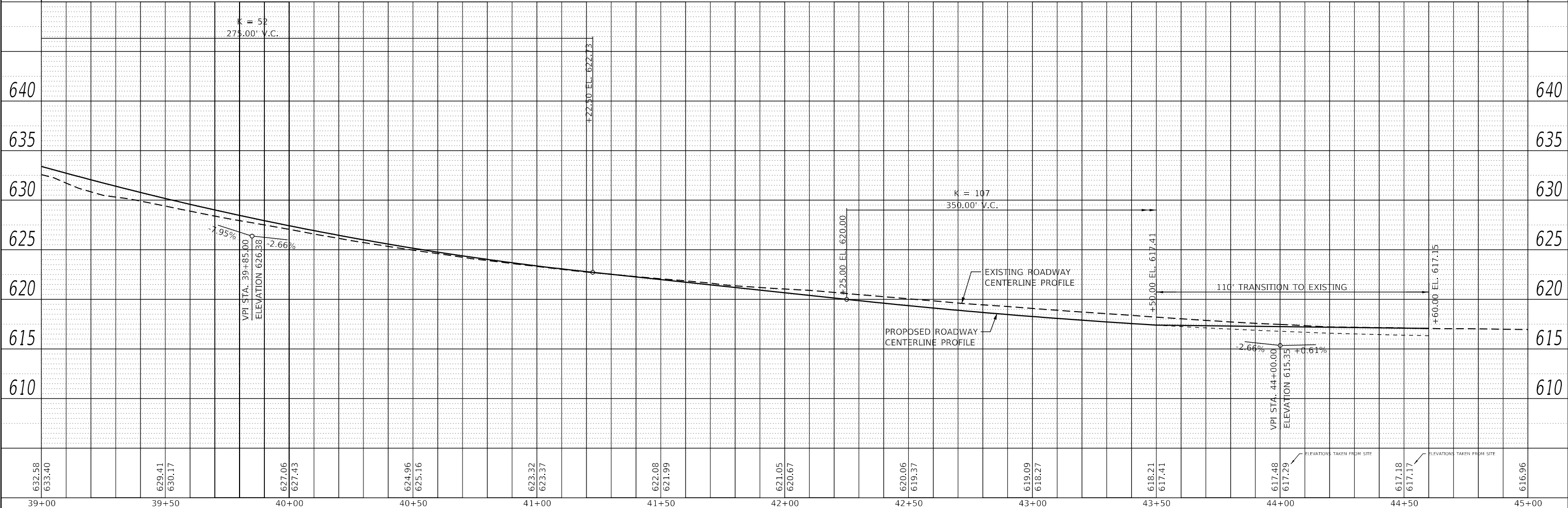
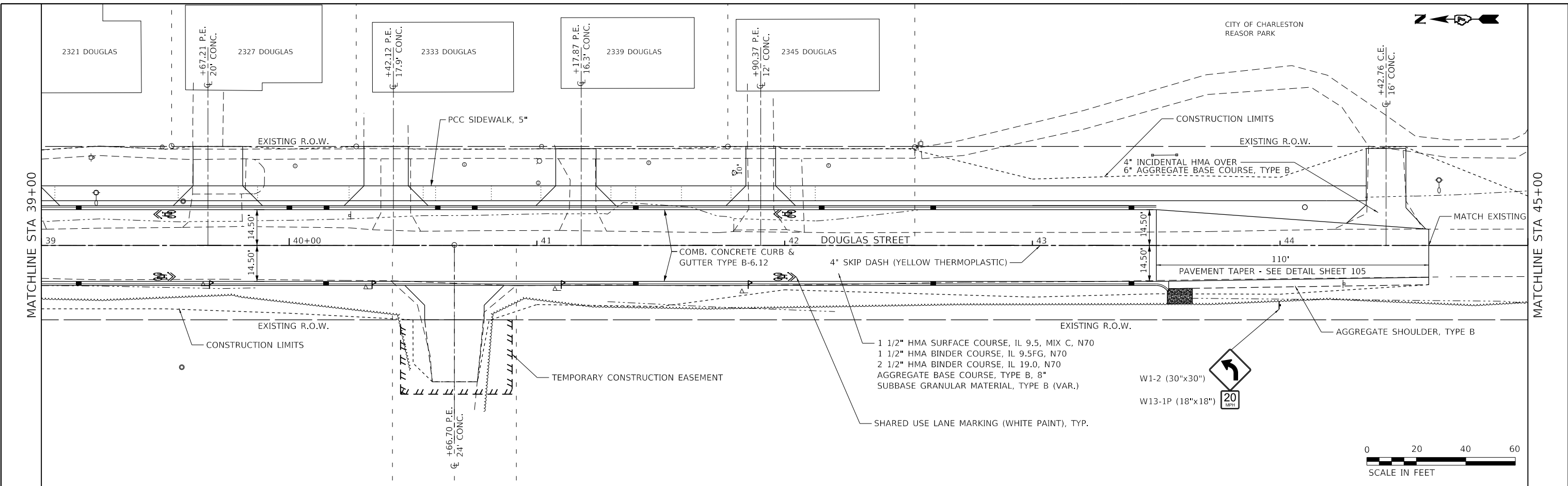
**DOUGLAS STREET RECONSTRUCTION**  
**PLAN AND PROFILE**  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	36
CONTRACT NO. 95958				
ILLINOIS		FED. AID PROJECT		

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PROFILE	SURVEYED	DATE
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	GRADES	
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	STRUCTURE	
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PLOT DATE	= 4/10/2024

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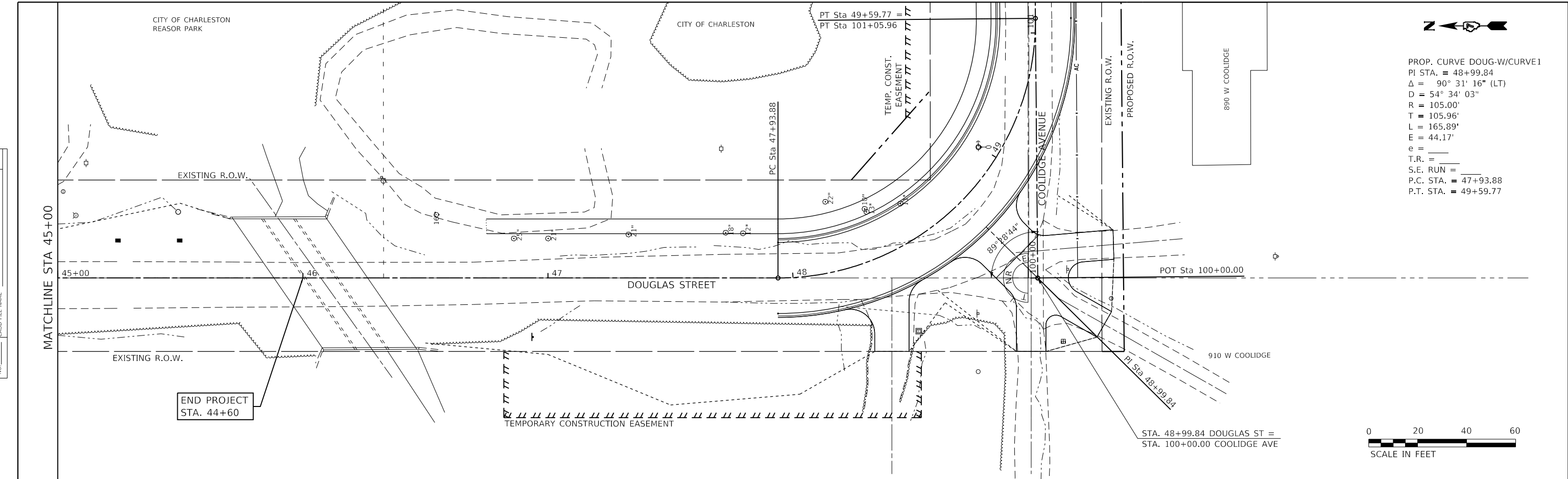
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**PLAN AND PROFILE**  
 SCALE: 40.0000' / in. SHEET 6 OF 7 SHEETS STA. 39+00 TO STA. 45+00

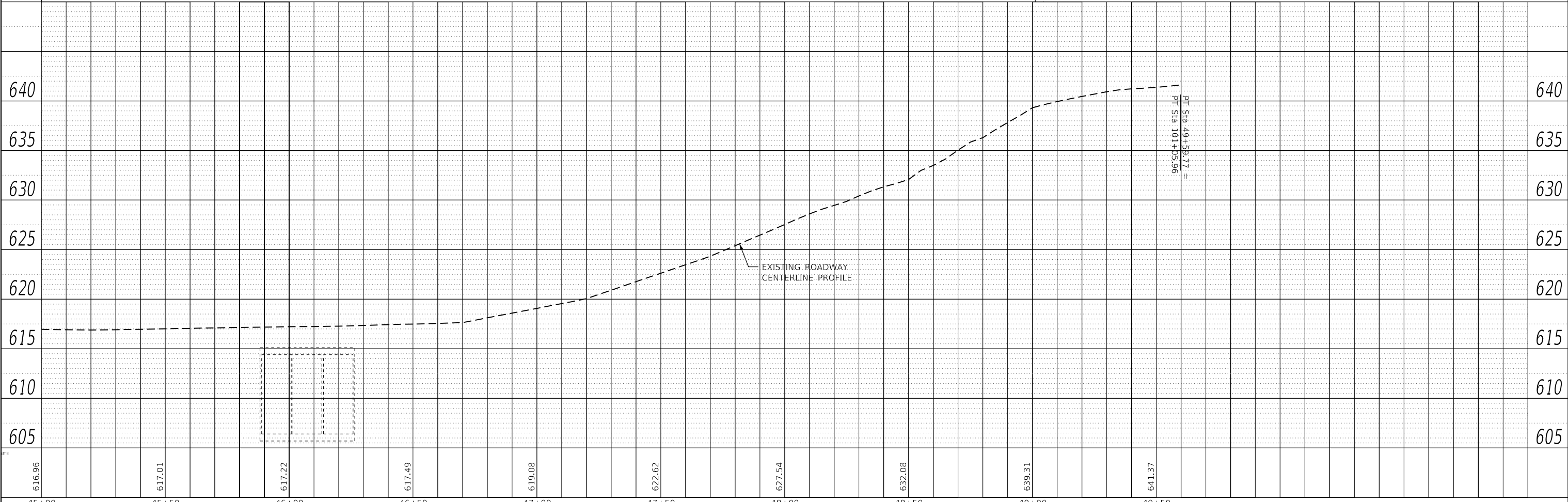
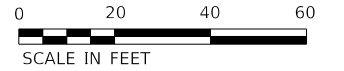
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CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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



PROP. CURVE DOUG-W/CURVE1  
 PI STA. = 48+99.84  
 $\Delta = 90^\circ 31' 16''$  (LT)  
 $D = 54^\circ 34' 03''$   
 $R = 105.00'$   
 $T = 105.96'$   
 $L = 165.89'$   
 $E = 44.17'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 47+93.88$   
 $P.T. STA. = 49+59.77$



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45+00	45+50	46+00	46+50	47+00	47+50	48+00	48+50	49+00	49+50

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TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 PLAN AND PROFILE**  
 SCALE: 40.0000' / in. SHEET 7 OF 7 SHEETS STA. 45+00 TO STA. 48+99.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	38
CONTRACT NO. 95958				
ILLINOIS		FED. AID PROJECT		

GENERAL NOTES

- TRAFFIC CONTROL SHOWN ON THE OVERALL PLAN IS EXPECTED TO BE INSTALLED AT THE BEGINNING OF CONSTRUCTION TO BE MAINTAINED THROUGHOUT ALL STAGES.
- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD" EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT AND MANUFACTURING OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

SEQUENCE OF CONSTRUCTION

STAGE 1 - STA 10+00 TO 22+25

STAGE 1A

- PROVIDE TRAFFIC CONTROL TO ALLOW ONE-WAY TRAFFIC SOUTH THROUGH STAGE 1 CONSTRUCTION AREA WITH VEHICLES DRIVING ON THE WEST SIDE OF THE ROADWAY. SEE STAGING PLAN SHEETS.
- TEMPORARILY RELOCATE MAILBOXES ON THE EAST SIDE OF THE ROADWAY TO THE WEST SIDE AS DIRECTED BY THE USPS.
- BEGIN INSTALLATION OF STORM SEWER ON THE EAST HALF OF DOUGLAS AVE. INSTALL STRUCTURES AND STORM SEWER ASSOCIATED WITH SS-40, SS-39, SS-38, SS-35, SS-34, SS-33, SS-29, AND THE STORMWATER CHAMBER SYSTEM. STRUCTURES MAY NEED TO BE PARTIALLY CONSTRUCTED TO ALLOW TEMPORARY WIDENING ALONG THE EAST SIDE OF THE EXISTING PAVEMENT TO BE USED FOR ACCESS DURING STAGE 1B. IN ADDITION, INSTALL STUBS TO THE WEST FOR SS-41, SS-37, SS-32, AND SS-28.
- PROVIDE TEMPORARY WIDENING ALONG THE EAST SIDE OF THE EXISTING PAVEMENT TO BE USED FOR ACCESS DURING STAGE 1B.

STAGE 1B

- RELOCATE TRAFFIC TO THE EAST SIDE OF THE ROADWAY. CONTINUE TO PROVIDE ONE-WAY TRAFFIC SOUTH THROUGH STAGE 1.
- TEMPORARILY RELOCATE ALL MAILBOXES TO THE EAST SIDE OF THE ROADWAY AS DIRECTED BY THE USPS.
- PROVIDE TEMPORARY ACCESS TO DRIVEWAYS ON THE WEST SIDE OF DOUGLAS.
- CONSTRUCT THE REMAINDER OF THE STORM SEWER ON THE WEST SIDE OF DOUGLAS AVE. COMPLETE STUBS PARTIALLY COMPLETED IN STAGE 1A AND CONSTRUCT STUBS TO THE EAST ON THE REMAINING STORM SEWER CROSSING THE STREET.
- REMOVE THE EXISTING PAVEMENT AND SOIL AND INSTALL THE NEW AGGREGATE BASE COURSE ON THE WEST HALF OF DOUGLAS.
- CONSTRUCT NEW CURBS, DRIVEWAYS, AND SIDEWALK LOCATED WITHIN THE CONSTRUCTION LIMITS OF STAGE 1B.
- DURING CONSTRUCTION OF THE ENTRANCE TO THE APARTMENT COMPLEX AT STA 14+26, A TEMPORARY ENTRANCE WITH TEMPORARY DRAINAGE SHALL BE PROVIDED TO MAINTAIN ACCESS.
- TWO LANES OF TRAFFIC SHALL BE PROVIDED ON BRIARWOOD COURT EXCEPT DURING CONSTRUCTION OF THE SIDEROAD PAVEMENT. COORDINATE RECONSTRUCTION OF THE CONCRETE PAVEMENT ON BRIARWOOD WITH THE CITY OF CHARLESTON TO MINIMIZE DISRUPTION OF ACCESS.

- INSTALL THE BOTTOM 2 LIFTS OF HOT-MIX ASPHALT. PROVIDE TEMPORARY TAPERS TO THE EXISTING PAVEMENT ON EACH END OF STAGE 1. FLAGGERS WILL BE REQUIRED AT ALL SIDEROADS DURING CONSTRUCTION THROUGH INTERSECTIONS.

STAGE 1C

- RELOCATE TRAFFIC TO THE WEST SIDE OF THE ROADWAY. CONTINUE TO PROVIDE ONE-WAY TRAFFIC SOUTH THROUGH STAGE 1. PROVIDE TEMPORARY TAPERS TO THE EXISTING PAVEMENT ON EACH END OF STAGE 1.
- RELOCATE ALL THE MAILBOXES TO THE WEST SIDE OF THE ROADWAY. SET MAILBOXES IN PERMANENT POSITION WHERE POSSIBLE.
- PROVIDE TEMPORARY ACCESS TO DRIVEWAYS ON THE EAST SIDE OF DOUGLAS.
- CONSTRUCT THE REMAINDER OF THE STORM SEWER INCLUDING COMPLETION OF THE STUBS PARTIALLY COMPLETED IN STAGE 1B. ANY STRUCTURES PARTIALLY COMPLETED DURING STAGE 1A SHALL BE COMPLETED.
- REMOVE THE EXISTING PAVEMENT AND SOIL AND INSTALL THE NEW AGGREGATE BASE COURSE ON THE EAST HALF OF DOUGLAS.
- CONSTRUCT NEW CURBS, DRIVEWAYS, AND SIDEWALK LOCATED WITHIN THE CONSTRUCTION LIMITS OF STAGE 1C.
- INSTALL THE BOTTOM 2 LIFTS OF HOT-MIX ASPHALT. PROVIDE TEMPORARY TAPERS TO THE EXISTING PAVEMENT ON EACH END OF STAGE 1.
- PROVIDE TEMPORARY CENTERLINE STRIPING.
- RELOCATE SPECIFIED MAILBOXES TO THE EAST SIDE OF THE ROADWAY IN THEIR PERMANENT POSITION.
- OPEN STAGE 1 TO TRAFFIC IN BOTH DIRECTIONS.

STAGE 2 - STA 22+25 TO 32+50

STAGE 2A

- PROVIDE TRAFFIC CONTROL TO ALLOW ONE-WAY TRAFFIC SOUTH THROUGH STAGE 2 CONSTRUCTION AREA WITH VEHICLES DRIVING ON THE WEST SIDE OF THE ROADWAY. SEE STAGING PLAN SHEETS.
- TEMPORARILY RELOCATE MAILBOXES ON THE EAST SIDE OF THE ROADWAY TO THE WEST SIDE AS DIRECTED BY THE USPS.
- BEGIN INSTALLATION OF STORM SEWER ON THE EAST HALF OF DOUGLAS AVE. INSTALL STRUCTURES AND STORM SEWER ASSOCIATED WITH SS-73, SS-72, SS-71, SS-74, SS-75, AND SS-79. STRUCTURES MAY NEED TO BE PARTIALLY CONSTRUCTED TO ALLOW TEMPORARY WIDENING ALONG THE EAST SIDE OF THE EXISTING PAVEMENT TO BE USED FOR ACCESS DURING STAGE 1B. IN ADDITION, INSTALL STUBS TO THE WEST FOR SS-68, SS-78, AND SS-83.
- DURING INSTALLATION OF THE SUBBASE GRANULAR MATERIAL TO RAISE THE PROFILE OF THE ROADWAY FROM STA 27+00 - 29+00 & 30+00 - 32+50, THE CONTRACTOR SHALL GRADUALLY BUILD UP THE SUBBASE FOR THE FULL-WIDTH OF THE PAVEMENT SECTION. THE BUILDUP SHOULD OCCUR BY ALTERNATING LANES IN 6" LIFTS. DURING CONSTRUCTION OF THE EAST HALF, TRAFFIC WILL DRIVE ON THE WEST HALF. ONCE THE EAST HALF IS BUILT UP 6", TRAFFIC SHALL BE SHIFTED TO THE EAST HALF, WHILE THE WEST HALF IS BUILT UP. CONSTRUCTION / TRAFFIC LANES SHOULD CONTINUE TO BE ALTERNATED UNTIL ALL SUBBASE GRANULAR MATERIAL IS PLACED. DAYTIME TRAFFIC CONTROL THROUGH THIS SECTION DURING THIS OPERATION SHOULD BE IN ACCORDANCE WITH STANDARD 701501 EXCEPT ONLY ONE FLAGGER SHALL BE REQUIRED AS THE ROADWAY WILL REMAIN CLOSED TO NORTHBOUND TRAFFIC. TRAFFIC CONTROL SHALL BE RETURNED TO ONE-WAY TRAFFIC SOUTHBOUND PER THE STAGING SHEETS AT THE END OF EACH DAY. THERE SHALL BE NO DROP-OFF IN THE SUBBASE GRANULAR MATERIAL ALONG THE CENTERLINE OF THE ROADWAY AT THE END OF EACH DAY.

- PROVIDE TEMPORARY WIDENING ALONG THE EAST SIDE OF THE EXISTING PAVEMENT TO BE USED FOR ACCESS DURING STAGE 2B.

STAGE 2B

- RELOCATE TRAFFIC TO THE EAST SIDE OF THE ROADWAY. CONTINUE TO PROVIDE ONE-WAY TRAFFIC SOUTH THROUGH STAGE 2.
- TEMPORARILY RELOCATE ALL MAILBOXES TO THE EAST SIDE OF THE ROADWAY AS DIRECTED BY THE USPS.
- PROVIDE TEMPORARY ACCESS TO DRIVEWAYS ON THE WEST SIDE OF DOUGLAS.
- CONSTRUCT THE REMAINDER OF THE STORM SEWER ON THE WEST SIDE OF DOUGLAS AVE. COMPLETE STUBS PARTIALLY COMPLETED IN STAGE 2A AND CONSTRUCT STUBS TO THE EAST ON THE REMAINING STORM SEWER CROSSING THE STREET.
- REMOVE THE EXISTING PAVEMENT AND SOIL AND INSTALL THE NEW AGGREGATE BASE COURSE ON THE WEST HALF OF DOUGLAS.
- CONSTRUCT NEW CURBS, DRIVEWAYS, AND SIDEWALK LOCATED WITHIN THE CONSTRUCTION LIMITS OF STAGE 2B.
- TWO LANES OF TRAFFIC SHALL BE PROVIDED ON WOODBERRY LANE EXCEPT DURING CONSTRUCTION OF THE SIDEROAD PAVEMENT. COORDINATE RECONSTRUCTION OF THE CONCRETE PAVEMENT ON WOODBERRY WITH THE CITY OF CHARLESTON TO MINIMIZE DISRUPTION OF ACCESS.
- INSTALL THE BOTTOM 2 LIFTS OF HOT-MIX ASPHALT. PROVIDE TEMPORARY TAPERS TO THE EXISTING PAVEMENT ON EACH END OF STAGE 2. FLAGGERS WILL BE REQUIRED AT ALL SIDEROADS DURING CONSTRUCTION THROUGH INTERSECTIONS.

STAGE 2C

- RELOCATE TRAFFIC TO THE WEST SIDE OF THE ROADWAY. CONTINUE TO PROVIDE ONE-WAY TRAFFIC SOUTH THROUGH STAGE 2. PROVIDE TEMPORARY TAPERS TO THE EXISTING PAVEMENT ON EACH END OF STAGE 2.
- RELOCATE ALL THE MAILBOXES TO THE WEST SIDE OF THE ROADWAY. SET MAILBOXES IN PERMANENT POSITION WHERE POSSIBLE.
- PROVIDE TEMPORARY ACCESS TO DRIVEWAYS ON THE EAST SIDE OF DOUGLAS.
- CONSTRUCT THE REMAINDER OF THE STORM SEWER INCLUDING COMPLETION OF THE STUBS PARTIALLY COMPLETED IN STAGE 2B. ANY STRUCTURES PARTIALLY COMPLETED DURING STAGE 2A SHALL BE COMPLETED.
- REMOVE THE EXISTING PAVEMENT AND SOIL AND INSTALL THE NEW AGGREGATE BASE COURSE ON THE EAST HALF OF DOUGLAS.
- CONSTRUCT NEW CURBS, DRIVEWAYS, AND SIDEWALK LOCATED WITHIN THE CONSTRUCTION LIMITS OF STAGE 2C.
- INSTALL THE BOTTOM 2 LIFTS OF HOT-MIX ASPHALT. PROVIDE TEMPORARY TAPERS TO THE EXISTING PAVEMENT ON EACH END OF STAGE 2.
- PROVIDE TEMPORARY CENTERLINE STRIPING.
- RELOCATE SPECIFIED MAILBOXES TO THE EAST SIDE OF THE ROADWAY IN THEIR PERMANENT POSITION.
- OPEN STAGE 2 TO TRAFFIC IN BOTH DIRECTIONS.

STAGE 3 - STA 32+50 TO 46+00

STAGE 3A

- PROVIDE TRAFFIC CONTROL TO ALLOW ONE-WAY TRAFFIC SOUTH THROUGH STAGE 3 CONSTRUCTION AREA WITH VEHICLES DRIVING ON THE WEST SIDE OF THE ROADWAY. SEE STAGING PLAN SHEETS.

- TEMPORARILY RELOCATE MAILBOXES ON THE EAST SIDE OF THE ROADWAY TO THE WEST SIDE AS DIRECTED BY THE USPS.

- BEGIN INSTALLATION OF STORM SEWER ON THE EAST HALF OF DOUGLAS AVE. INSTALL STRUCTURES AND STORM SEWER ASSOCIATED WITH SS-139, SS-136, SS-135, SS-132, SS-131, SS-129, SS-127, SS-125, SS-123, SS-122, SS-120, SS-119, SS-118, AND SS-116. STRUCTURES MAY NEED TO BE PARTIALLY CONSTRUCTED TO ALLOW TEMPORARY WIDENING ALONG THE EAST SIDE OF THE EXISTING PAVEMENT TO BE USED FOR ACCESS DURING STAGE 3B. IN ADDITION, INSTALL STUBS TO THE WEST FOR SS-124, SS-121, AND SS-117.

- DURING INSTALLATION OF THE SUBBASE GRANULAR MATERIAL TO RAISE THE PROFILE OF THE ROADWAY FROM STA 34+00 - 40+00, THE CONTRACTOR SHALL GRADUALLY BUILD UP THE SUBBASE FOR THE FULL-WIDTH OF THE PAVEMENT SECTION. THE BUILDUP SHOULD OCCUR BY ALTERNATING LANES IN 6" LIFTS. DURING CONSTRUCTION OF THE EAST HALF, TRAFFIC WILL DRIVE ON THE WEST HALF. ONCE THE EAST HALF IS BUILT UP 6", TRAFFIC SHALL BE SHIFTED TO THE EAST HALF, WHILE THE WEST HALF IS BUILT UP. CONSTRUCTION / TRAFFIC LANES SHOULD CONTINUE TO BE ALTERNATED UNTIL ALL SUBBASE GRANULAR MATERIAL IS PLACED. DAYTIME TRAFFIC CONTROL THROUGH THIS SECTION DURING THIS OPERATION SHOULD BE IN ACCORDANCE WITH STANDARD 701501 EXCEPT ONLY ONE FLAGGER SHALL BE REQUIRED AS THE ROADWAY WILL REMAIN CLOSED TO NORTHBOUND TRAFFIC. TRAFFIC CONTROL SHALL BE RETURNED TO ONE-WAY TRAFFIC SOUTHBOUND PER THE STAGING SHEETS AT THE END OF EACH DAY. THERE SHALL BE NO DROP-OFF IN THE SUBBASE GRANULAR MATERIAL ALONG THE CENTERLINE OF THE ROADWAY AT THE END OF EACH DAY.

- PROVIDE TEMPORARY WIDENING ALONG THE EAST SIDE OF THE EXISTING PAVEMENT FROM 32+50 TO 44+50 TO BE USED FOR ACCESS DURING STAGE 3B.

STAGE 3B

- RELOCATE TRAFFIC TO THE EAST SIDE OF THE ROADWAY. CONTINUE TO PROVIDE ONE-WAY TRAFFIC SOUTH THROUGH STAGE 3.
- TEMPORARILY RELOCATE ALL MAILBOXES TO THE EAST SIDE OF THE ROADWAY AS DIRECTED BY THE USPS.
- PROVIDE TEMPORARY ACCESS TO DRIVEWAYS ON THE WEST SIDE OF DOUGLAS.
- CONSTRUCT THE REMAINDER OF THE STORM SEWER ON THE WEST SIDE OF DOUGLAS AVE. COMPLETE STUBS PARTIALLY COMPLETED IN STAGE 3A AND CONSTRUCT STUBS TO THE EAST ON THE REMAINING STORM SEWER CROSSING THE STREET.
- REMOVE THE EXISTING PAVEMENT AND SOIL AND INSTALL THE NEW AGGREGATE BASE COURSE ON THE WEST HALF OF DOUGLAS.
- CONSTRUCT NEW CURBS, DRIVEWAYS, AND SIDEWALK FROM 32+50 TO 43+50.
- INSTALL THE BOTTOM 2 LIFTS OF HOT-MIX ASPHALT. PROVIDE TEMPORARY TAPERS TO THE EXISTING PAVEMENT ON EACH END OF STAGE 3B.

STAGE 3C

- RELOCATE TRAFFIC TO THE WEST SIDE OF THE ROADWAY. CONTINUE TO PROVIDE ONE-WAY TRAFFIC SOUTH THROUGH STAGE 3. PROVIDE TEMPORARY TAPERS TO THE EXISTING PAVEMENT ON EACH END OF STAGE 3.
- RELOCATE ALL THE MAILBOXES TO THE WEST SIDE OF THE ROADWAY. SET MAILBOXES IN PERMANENT POSITION WHERE POSSIBLE.
- PROVIDE TEMPORARY ACCESS TO DRIVEWAYS ON THE EAST SIDE OF DOUGLAS.
- CONSTRUCT THE REMAINDER OF THE STORM SEWER INCLUDING COMPLETION OF THE STUBS PARTIALLY COMPLETED IN STAGE 3B. ANY STRUCTURES PARTIALLY COMPLETED DURING STAGE 3A SHALL BE COMPLETED.

- REMOVE THE EXISTING PAVEMENT AND SOIL AND INSTALL THE NEW AGGREGATE BASE COURSE ON THE EAST HALF OF DOUGLAS.

- CONSTRUCT NEW CURBS, DRIVEWAYS, AND SIDEWALK FROM 32+50 TO 43+50.
- INSTALL THE BOTTOM 2 LIFTS OF HOT-MIX ASPHALT. PROVIDE TEMPORARY TAPERS TO THE EXISTING PAVEMENT ON EACH END OF STAGE 3C.

- PROVIDE TEMPORARY CENTERLINE STRIPING.
- RELOCATE SPECIFIED MAILBOXES TO THE EAST SIDE OF THE ROADWAY IN THEIR PERMANENT POSITION.

- OPEN STAGE 3 FROM 32+50 TO 42+50 TO TRAFFIC IN BOTH DIRECTIONS. CLOSE DOUGLAS AVE SOUTH OF STA 42+50.

STAGE 3D - 43+50 TO 46+00

- CLOSE DOUGLAS AVE FROM 42+50 TO 48+00 (SOUTH END OF DOUGLAS).
- FINISH ALL REMAINING EARTHWORK, AGGREGATE BASE, CURB, DRIVEWAY, AND SIDEWALK WORK IN STAGE 3 FROM 43+50 TO 44+60.

- INSTALL THE BOTTOM 2 LIFTS OF HOT-MIX ASPHALT.

STAGE 3E - STA 10+00 TO 44+60

- MAINTAIN ROAD CLOSURE FROM STA 42+50 TO 48+00.
- INSTALL FINAL HOT-MIX ASPHALT SURFACE COURSE LIFT FROM STA 10+00 TO 44+60.
- INSTALLATION OF THE SURFACE COURSE OUTSIDE OF ROAD CLOSURE WILL BE COMPLETED WITH FLAGGERS IN ACCORDANCE WITH IDOT STANDARD FOR TWO-WAY TRAFFIC. FLAGGERS WILL BE REQUIRED AT ALL SIDEROADS DURING CONSTRUCTION THROUGH THE INTERSECTIONS.
- PROVIDE SHORT TERM STRIPING AND OPEN ROAD TO TRAFFIC IN BOTH DIRECTIONS. COMPLETE FINAL STRIPING AT YOUR EARLIEST CONVENIENCE.

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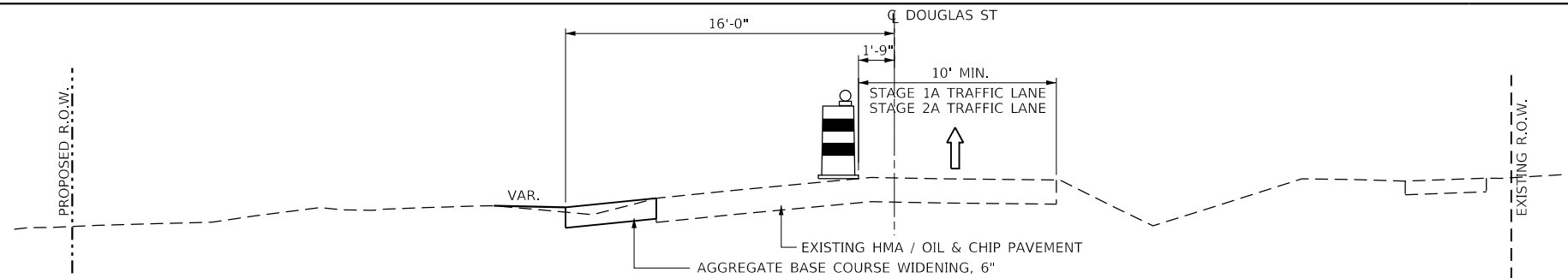
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
MAINTENANCE OF TRAFFIC - SEQUENCE OF CONSTRUCTION**

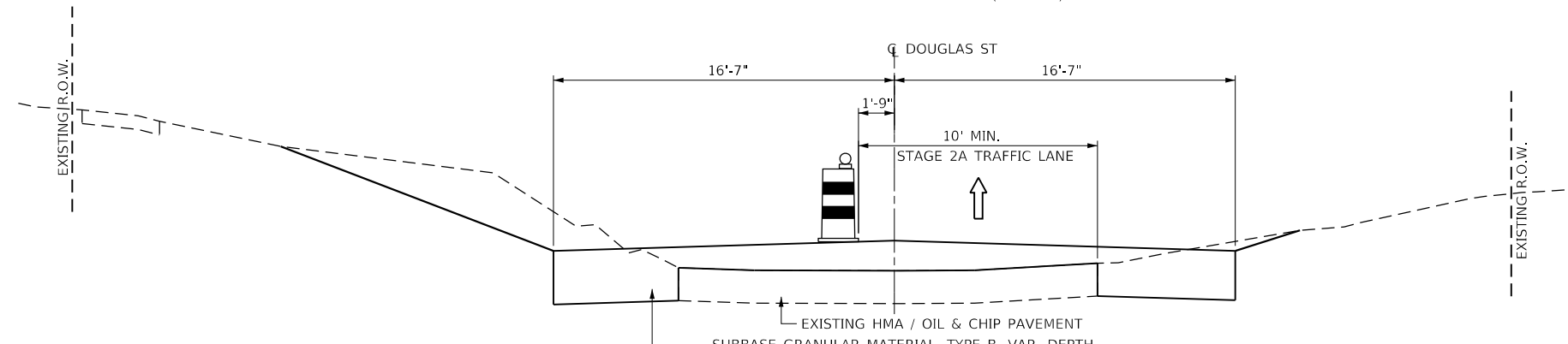
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		ILLINOIS	FED. AID PROJECT	



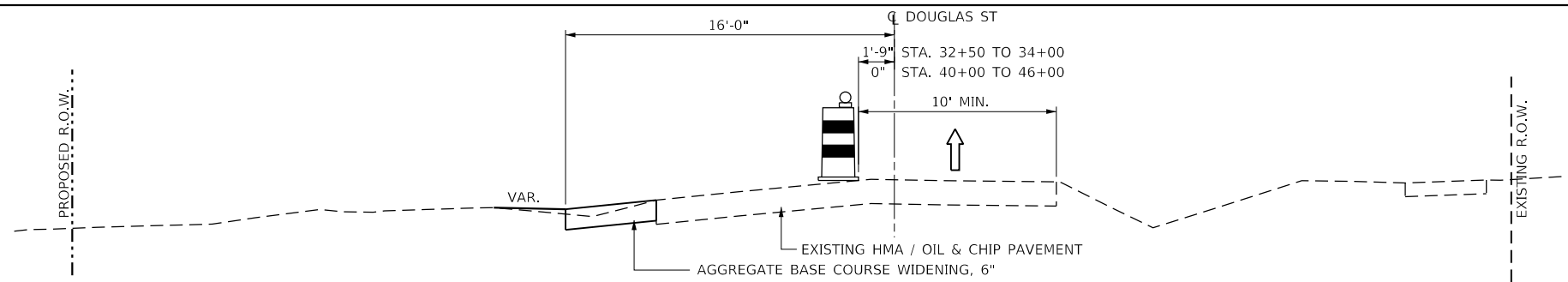
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 STA. 22+25.00 TO STA. 27+00.00 (STAGE 2)  
 STA. 29+00.00 TO STA. 30+00.00 (STAGE 2)



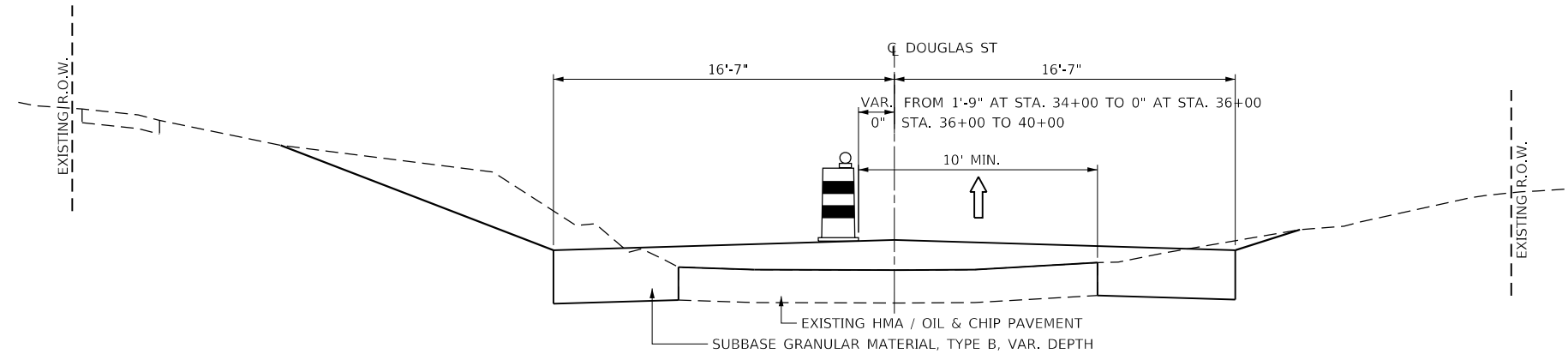
**STAGE 2A CONSTRUCTION TYPICAL SECTION**

STA. 27+00.00 TO STA. 29+00.00  
 STA. 30+00.00 TO STA. 32+50.00



**STAGE 3A CONSTRUCTION TYPICAL SECTION**

STA. 32+50.00 TO STA. 34+00.00  
 STA. 40+00.00 TO STA. 42+50.00



**STAGE 3A CONSTRUCTION TYPICAL SECTION**

STA. 34+00.00 TO STA. 40+00.00

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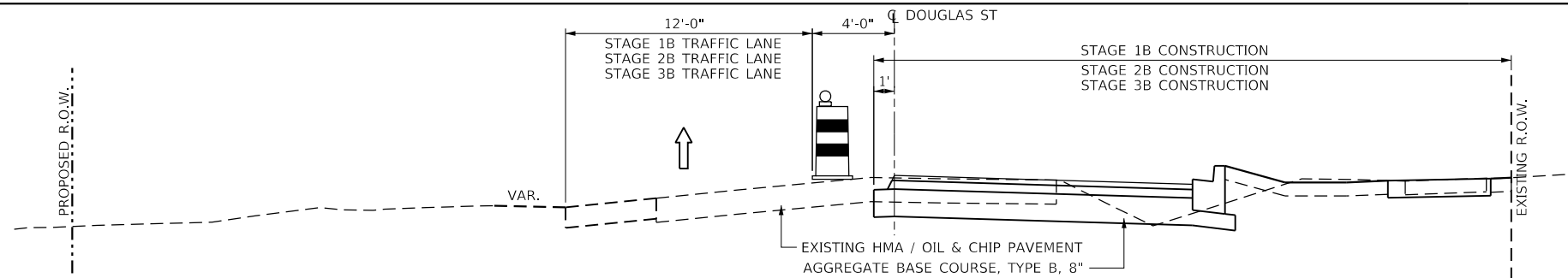
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS**

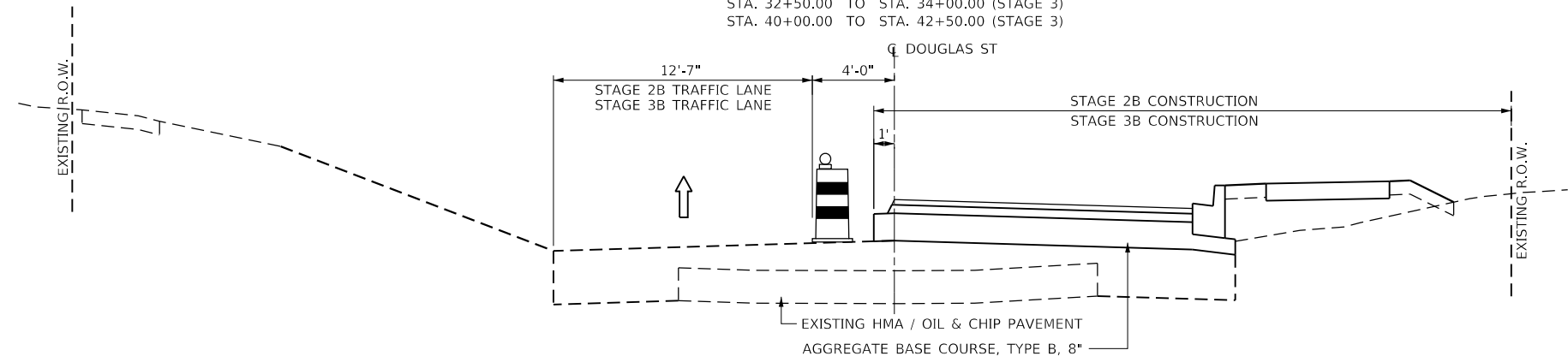
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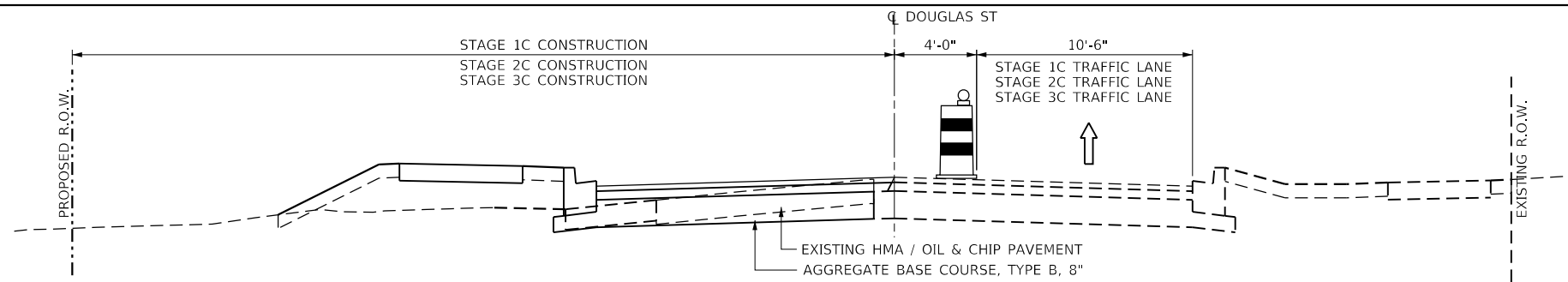
**STAGE 1B, 2B, & 3B CONSTRUCTION TYPICAL SECTION**

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 STA. 29+00.00 TO STA. 30+00.00 (STAGE 2)  
 STA. 32+50.00 TO STA. 34+00.00 (STAGE 3)  
 STA. 40+00.00 TO STA. 42+50.00 (STAGE 3)



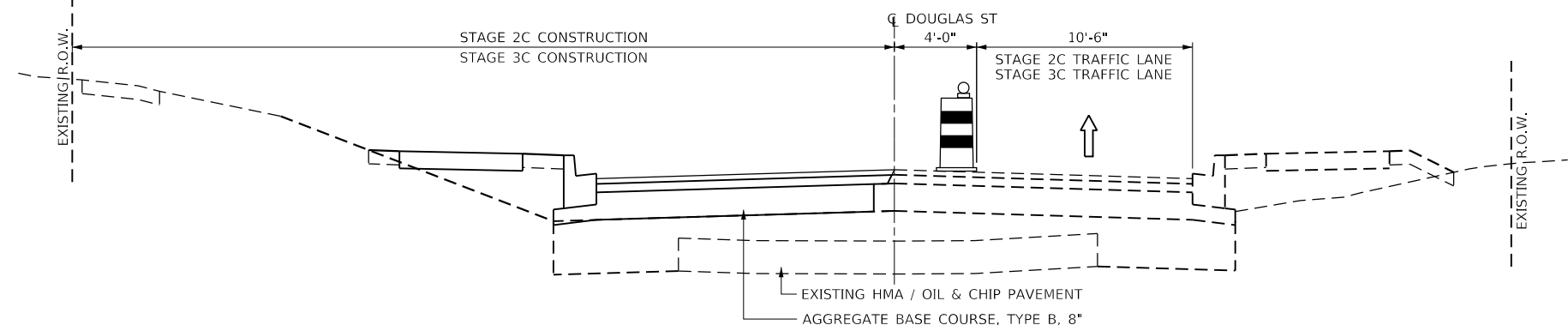
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 STA. 30+00.00 TO STA. 32+50.00 (STAGE 2)  
 STA. 34+00.00 TO STA. 40+00.00 (STAGE 3)



**STAGE 1C, 2C, & 3C CONSTRUCTION TYPICAL SECTION**

STA. 10+00.00 TO STA. 22+25.00 (STAGE 1)  
 STA. 22+25.00 TO STA. 27+00.00 (STAGE 2)  
 STA. 29+00.00 TO STA. 30+00.00 (STAGE 2)  
 STA. 32+50.00 TO STA. 34+00.00 (STAGE 3)  
 STA. 40+00.00 TO STA. 42+50.00 (STAGE 3)



**STAGE 2C & 3C CONSTRUCTION TYPICAL SECTION**

STA. 27+00.00 TO STA. 29+00.00 (STAGE 2)  
 STA. 30+00.00 TO STA. 32+50.00 (STAGE 2)  
 STA. 34+00.00 TO STA. 40+00.00 (STAGE 3)

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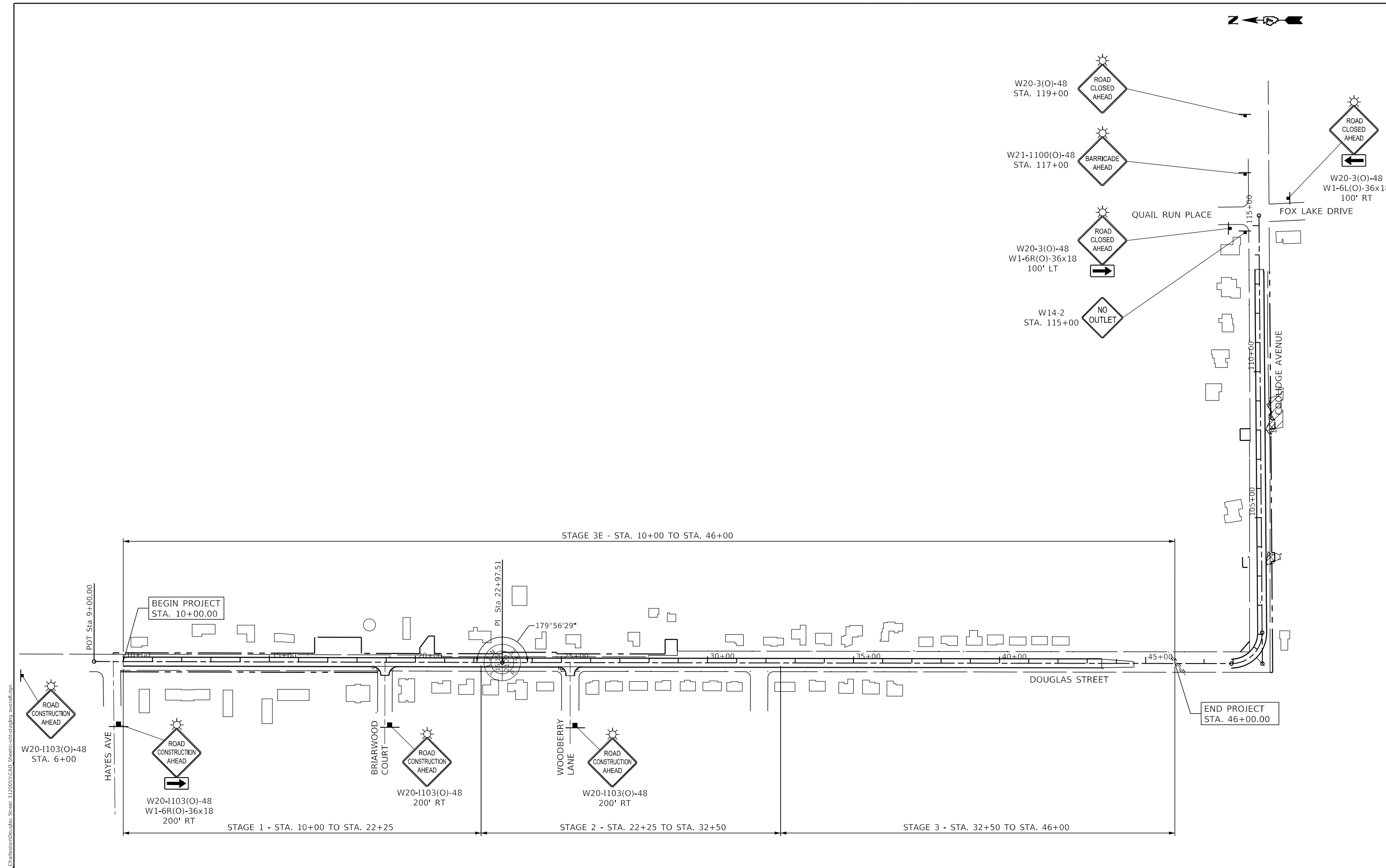
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	41
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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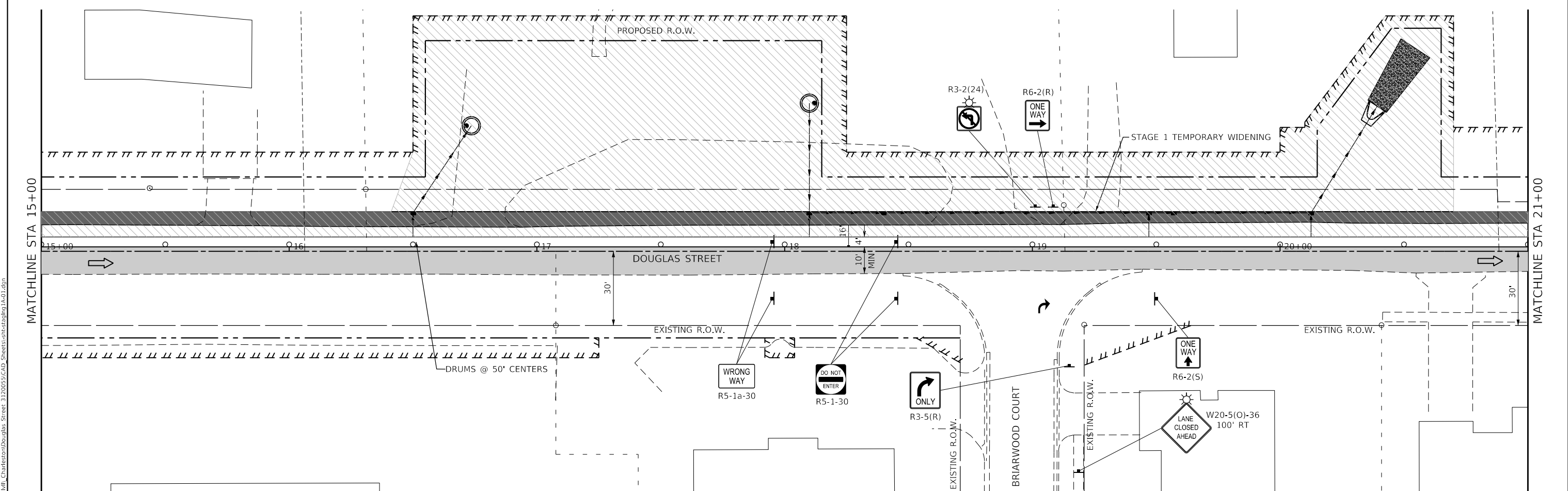
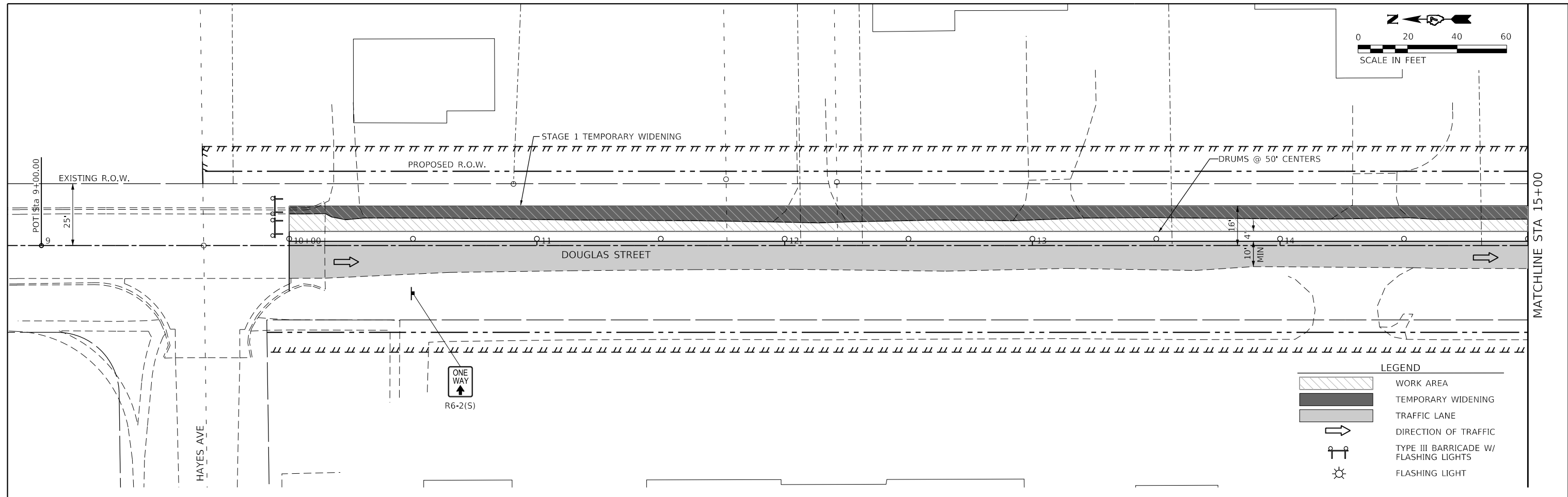
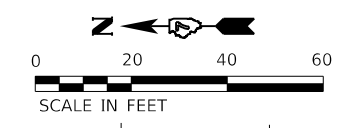
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**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - OVERALL PLAN**

SCALE: 1/8" = 1' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	42
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

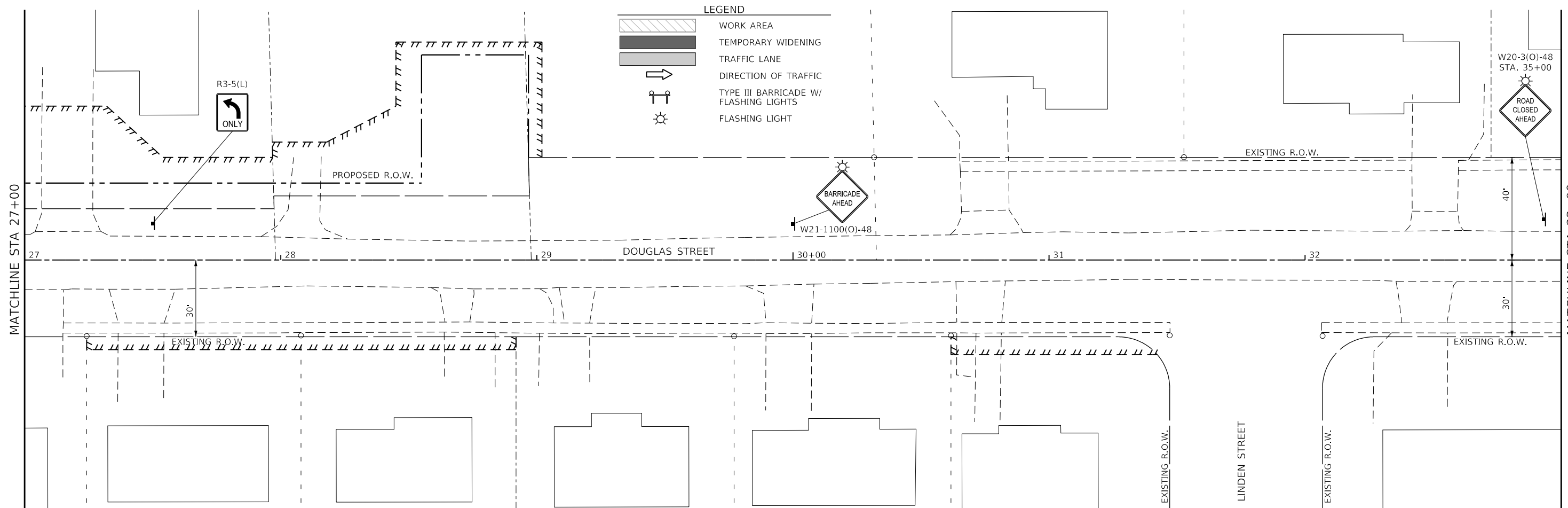
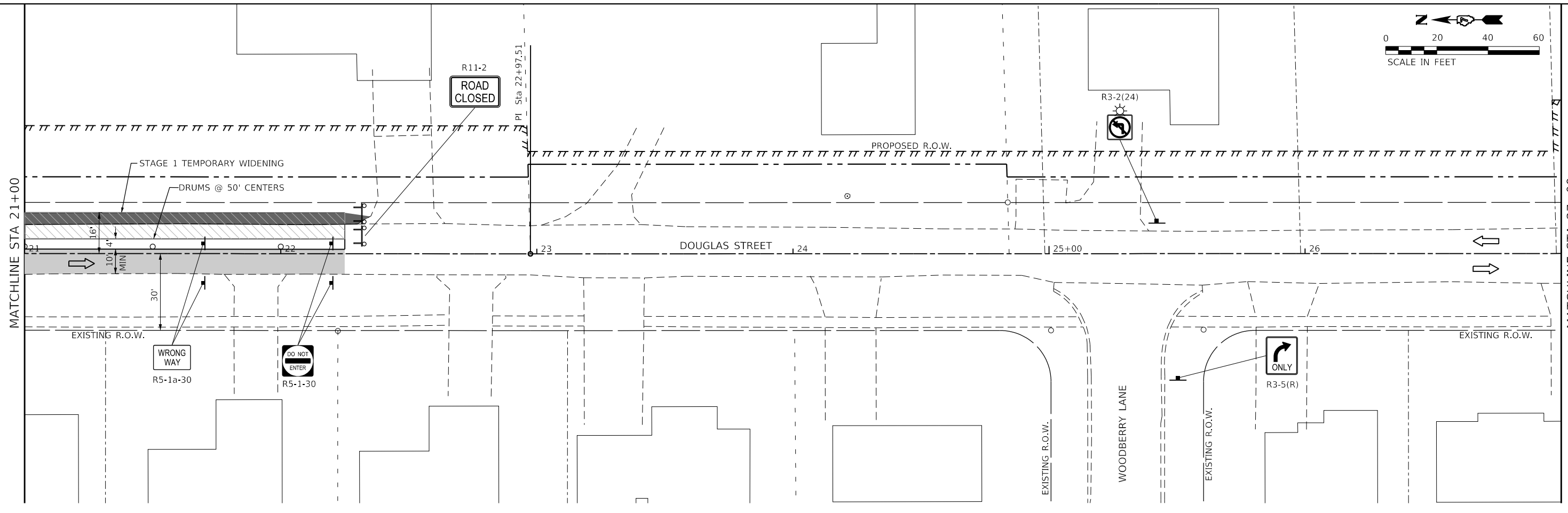
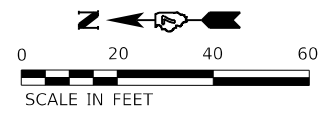
**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 1A PLAN**

SCALE: 40,0000 ' / in. SHEET OF SHEETS STA. 9+00 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	43
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT

MODEL: Default  
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**The Upchurch Group**  
 architects engineers surveyors  
 123 North 15th Street  
 Madison, IL 61708  
 Phone: 217.255.5177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

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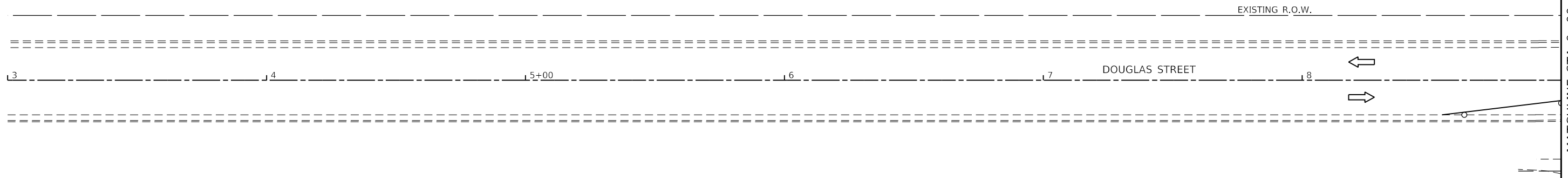
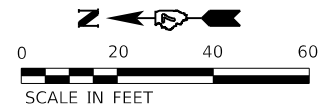
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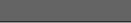




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**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 1A PLAN**  
 SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 21+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	44
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT

MODEL: Default  
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 The Upchurch Group  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 License No. 184-003401  
 123 North 15th Street  
 Maitland, FL 32751  
 Phone: 317.255.5177  
 e-mail: upchurchgroup@upchurchgroup.com

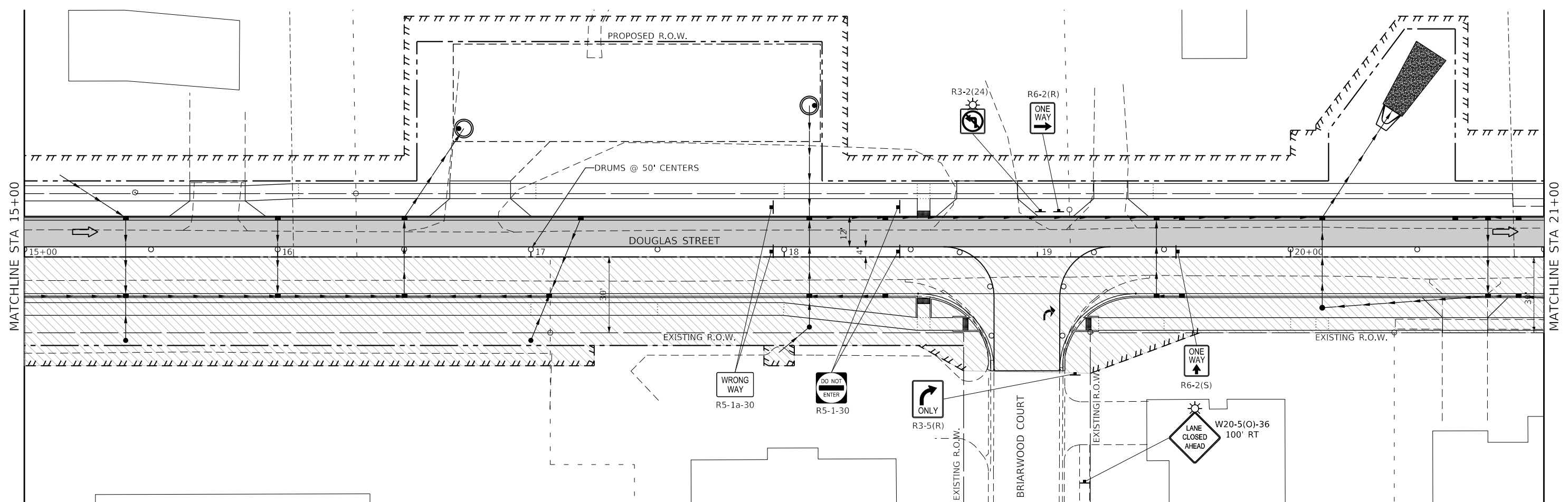
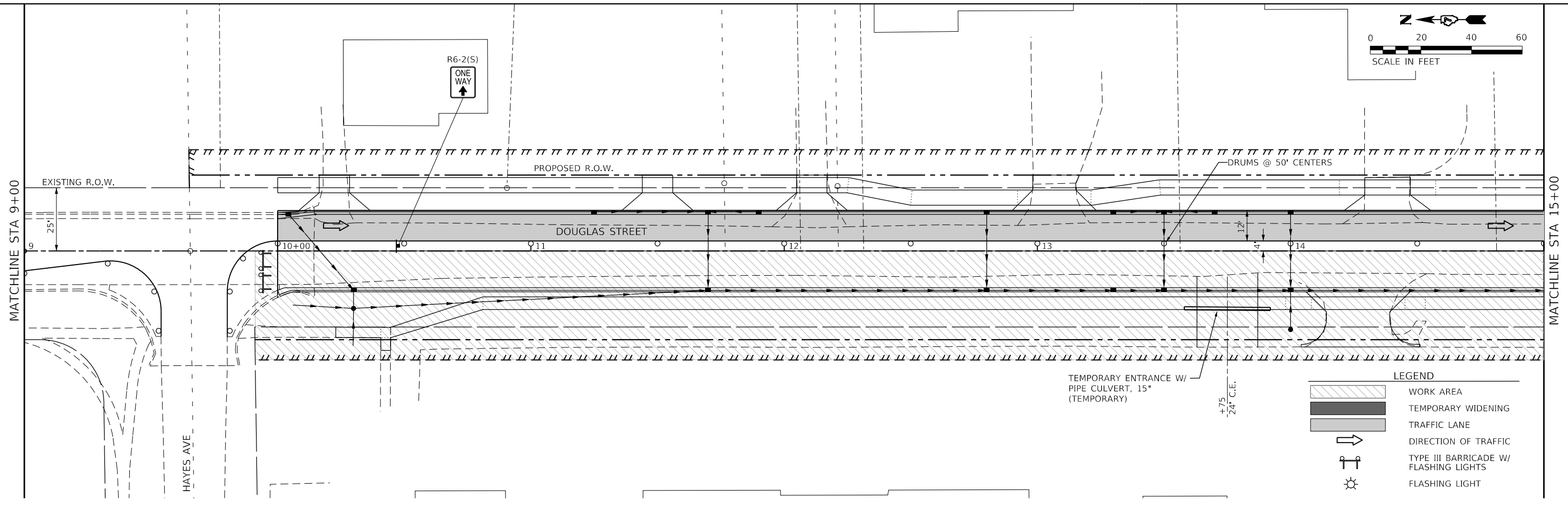
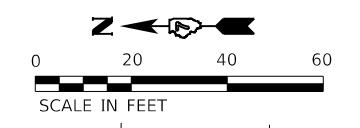
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 1B PLAN**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 3+00 TO STA. 9+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	45
CONTRACT NO. 95958				
		ILLINOIS	FED. AID PROJECT	



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 e-mail: upchurchgroup@upchurchgroup.com

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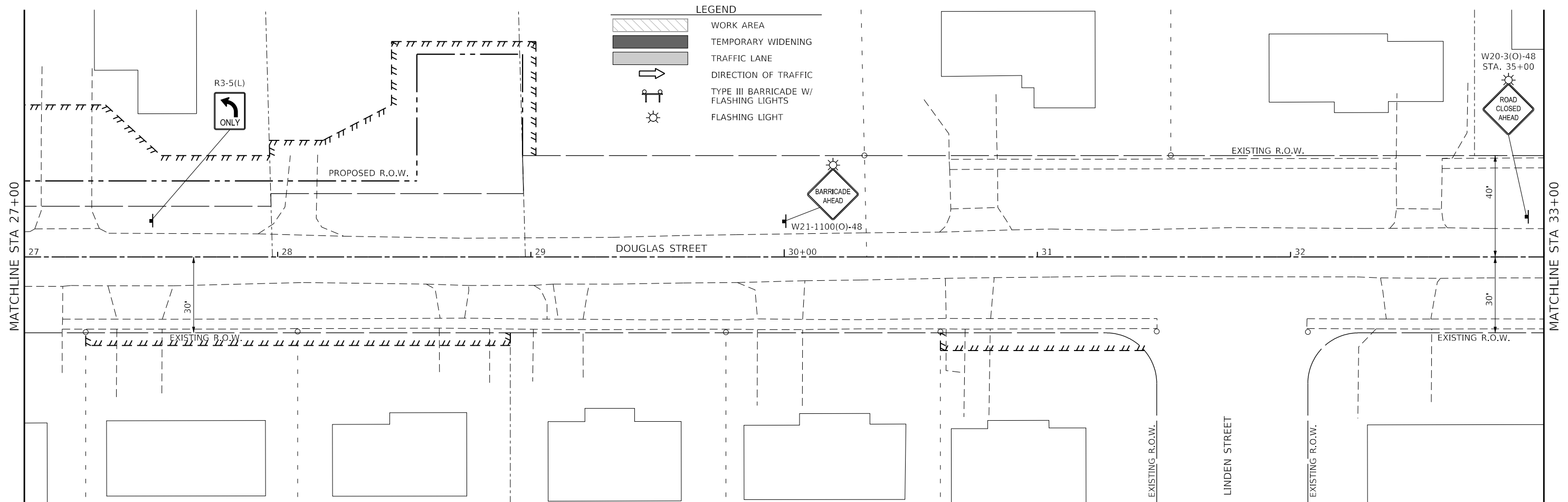
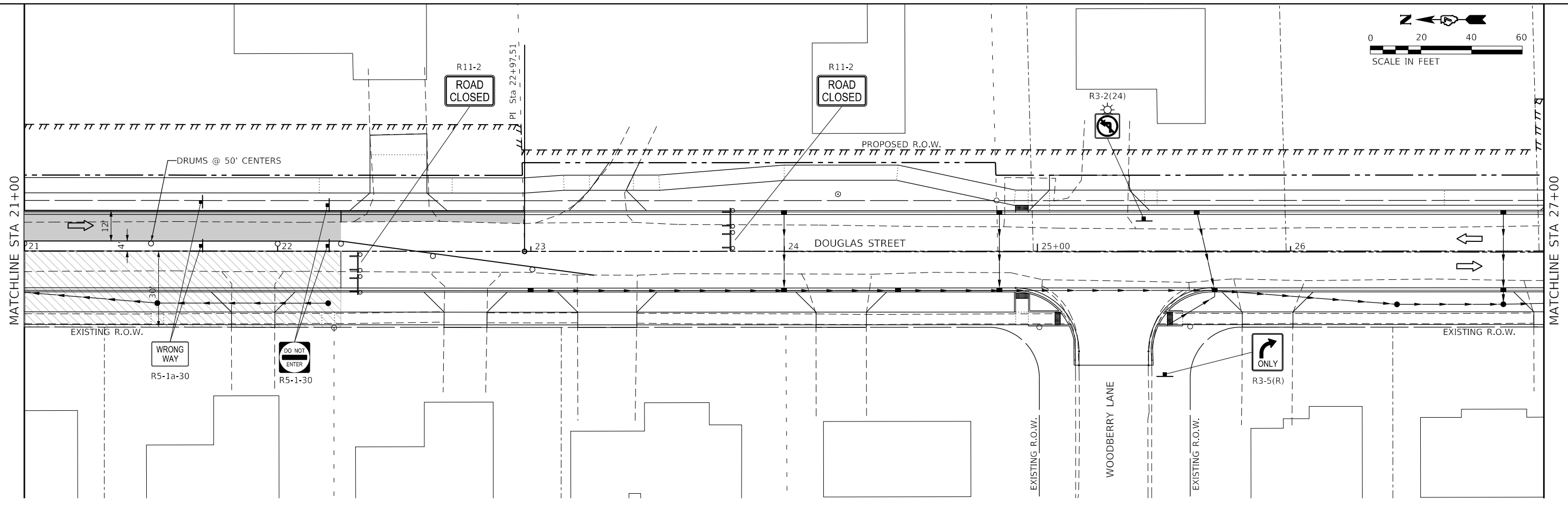
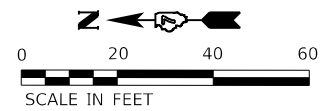
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC - STAGE 1B PLAN**  
 SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 9+00 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	46
CONTRACT NO. 95958				
		ILLINOIS	FED. AID PROJECT	



**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT

MODEL: Default  
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 e-mail: upchurchgroup@upchurchgroup.com

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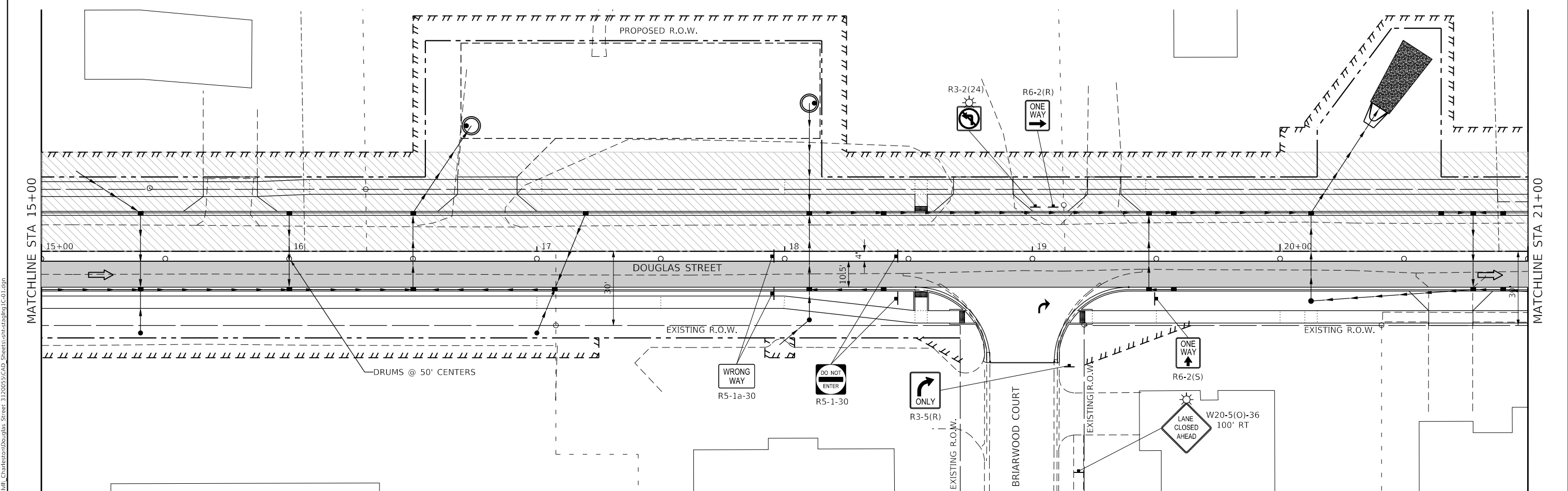
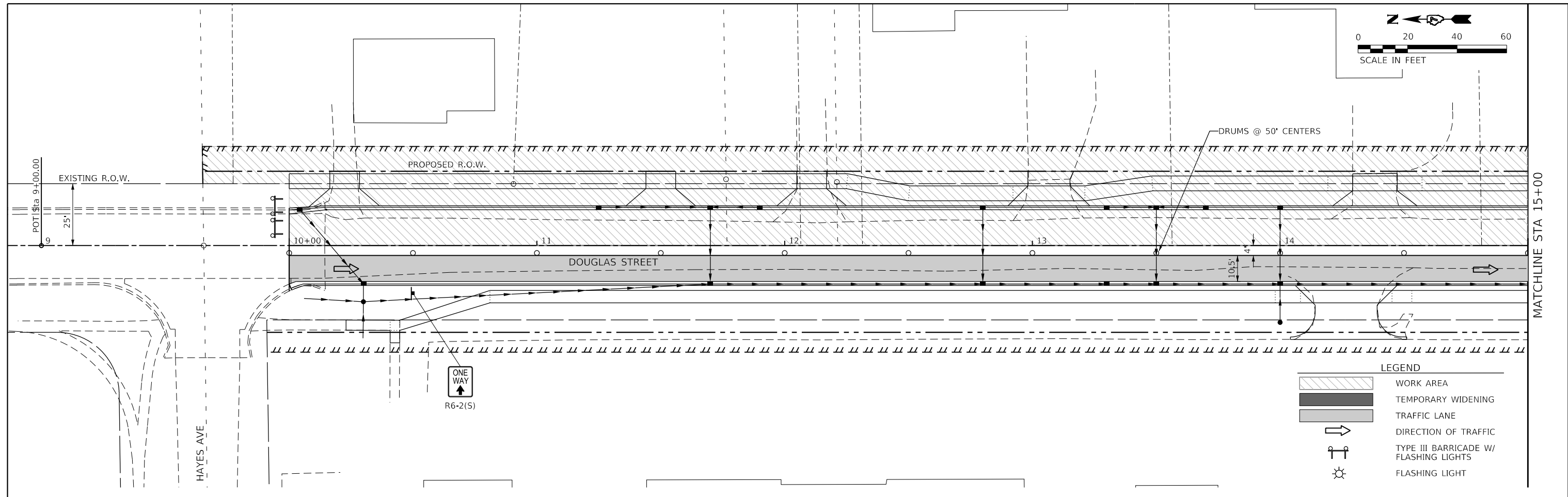
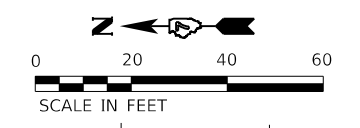
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 1B PLAN**  
 SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 21+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	47
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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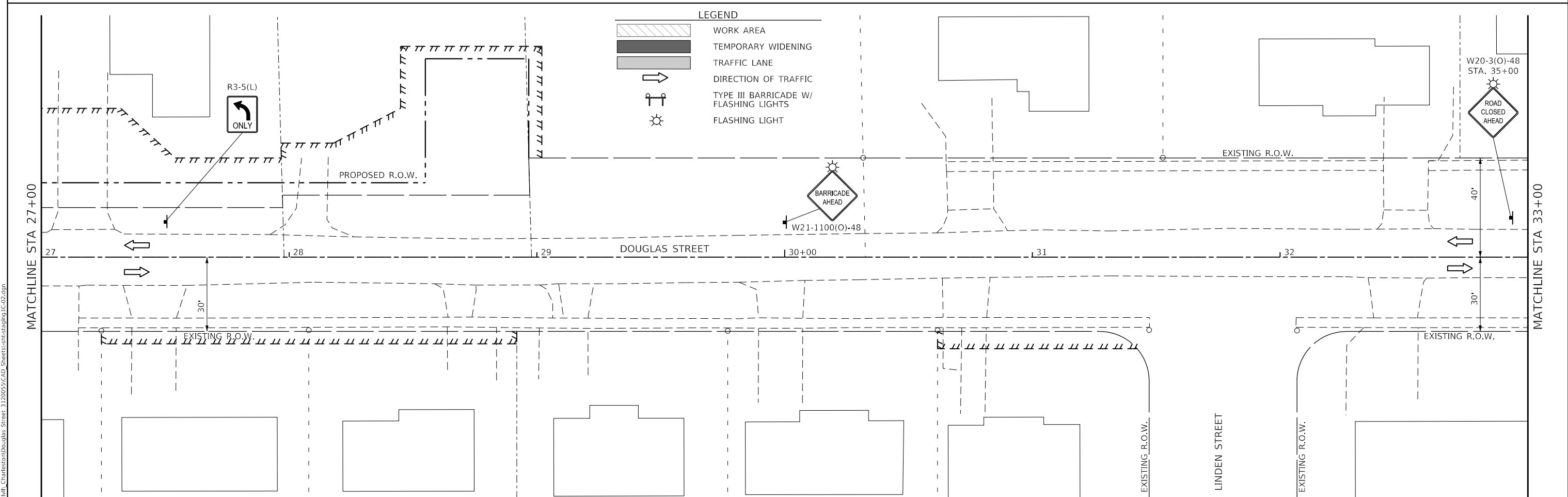
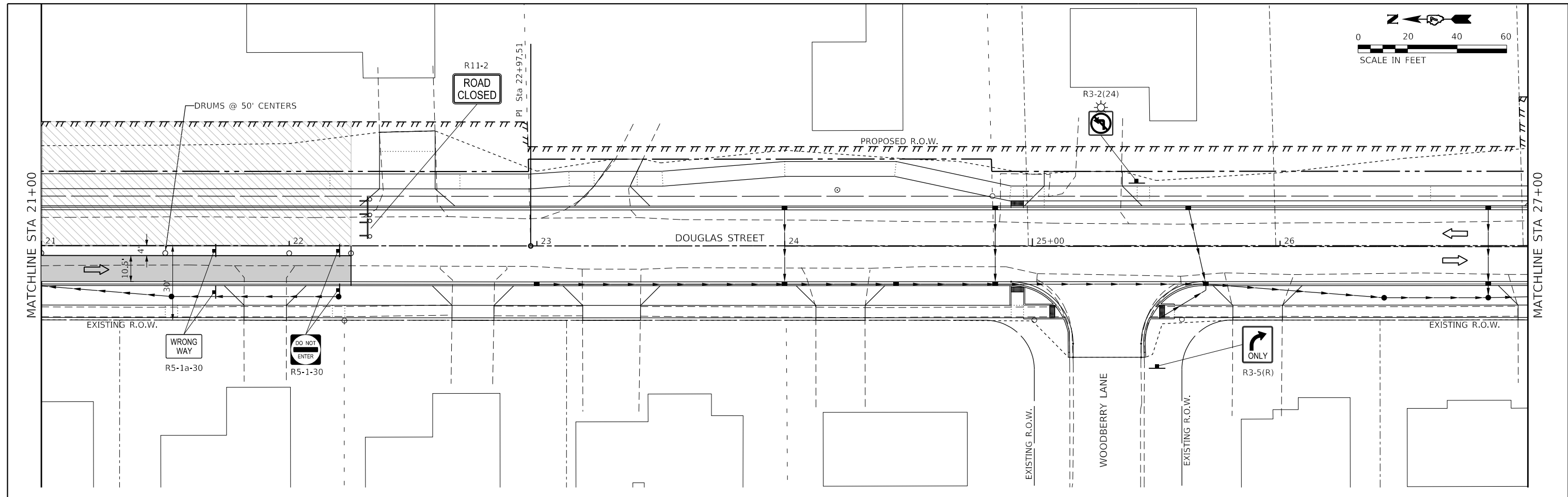
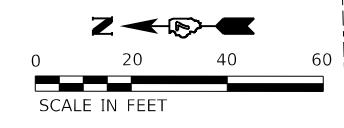
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC - STAGE 1C PLAN**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 9+00 TO STA. 21+00

F.A.U. RTE. 7640	SECTION 19-00118-00-WR	COUNTY COLES	TOTAL SHEETS 154	SHEET NO. 48
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT

MODEL: Default  
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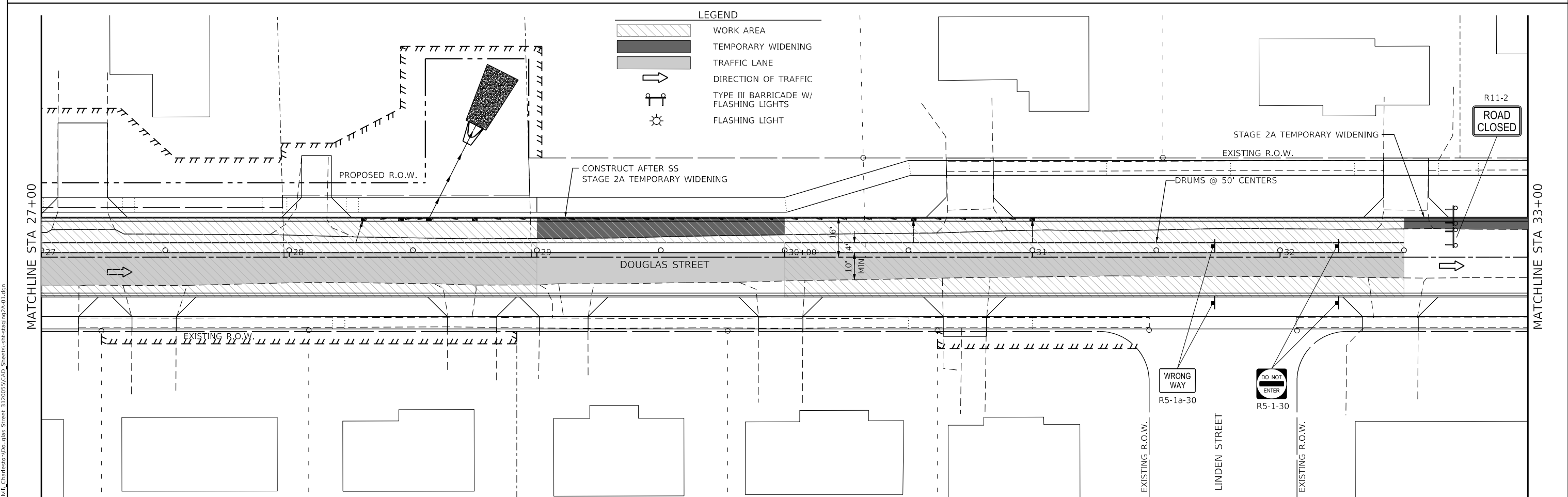
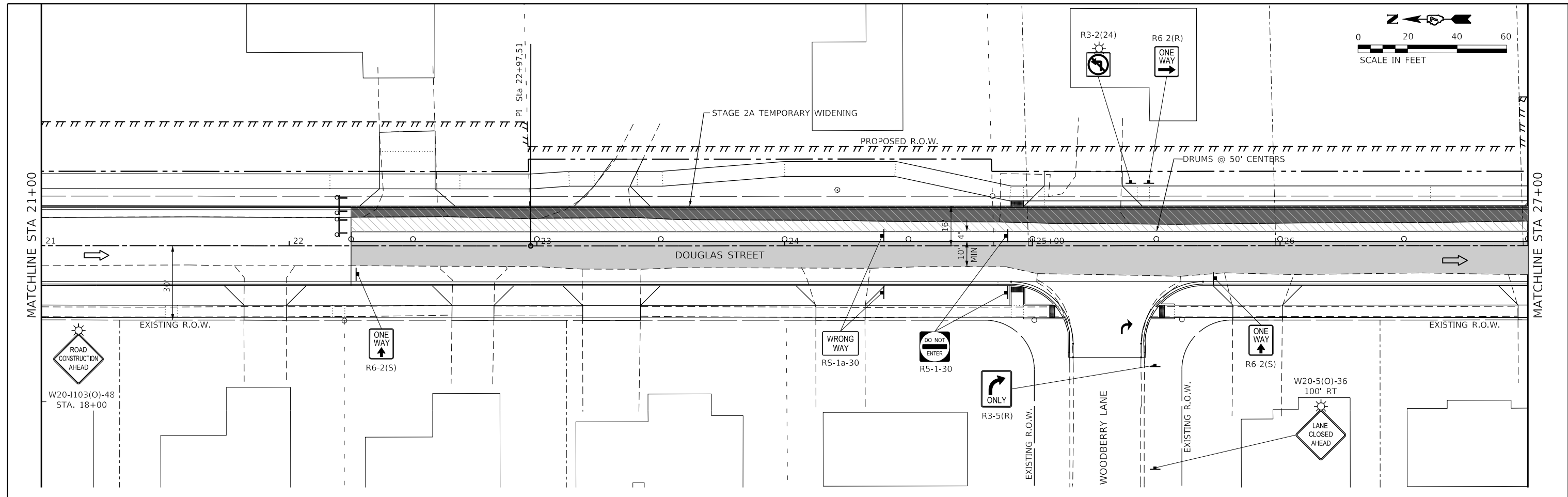
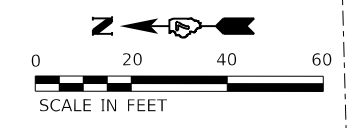
**The Upchurch Group**  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 123 North 15th Street  
 Madison, IL 61708  
 Phone: 217.255.5177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

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PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 1C PLAN**  
 SCALE: 40.0000' / in. SHEET OF SHEETS STA. 21+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	49
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT

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 Professional Design Firm Corporation  
 123 North 15th Street  
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 e-mail: upchurchgroup@upchurchgroup.com

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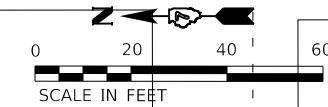
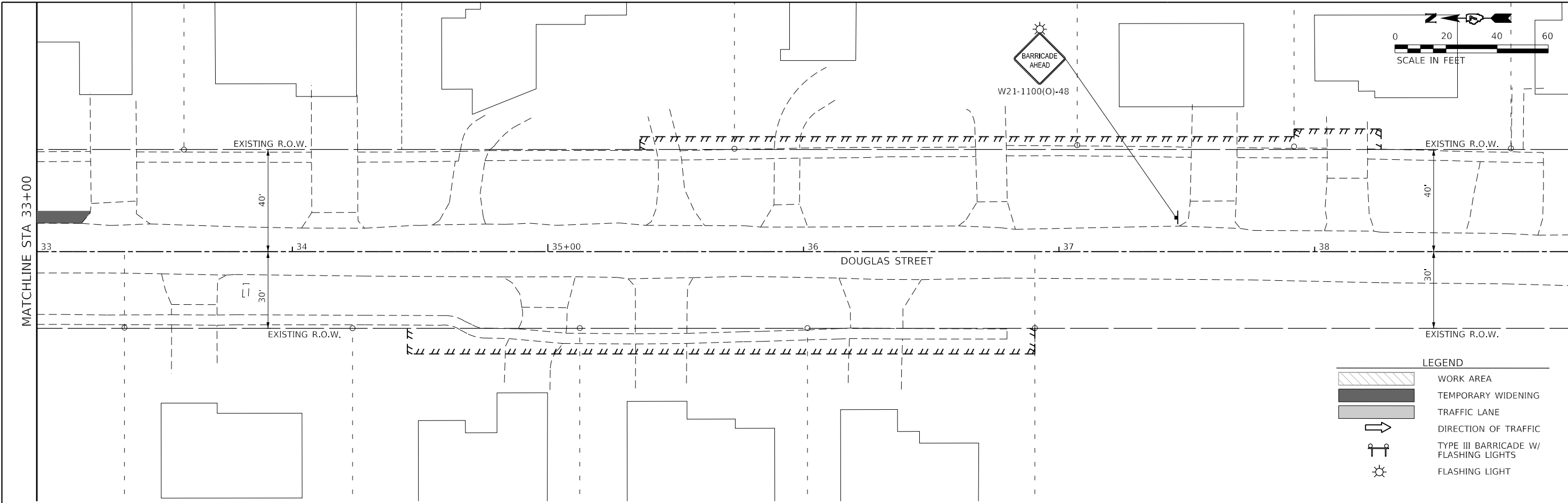
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC - STAGE 2A PLAN**  
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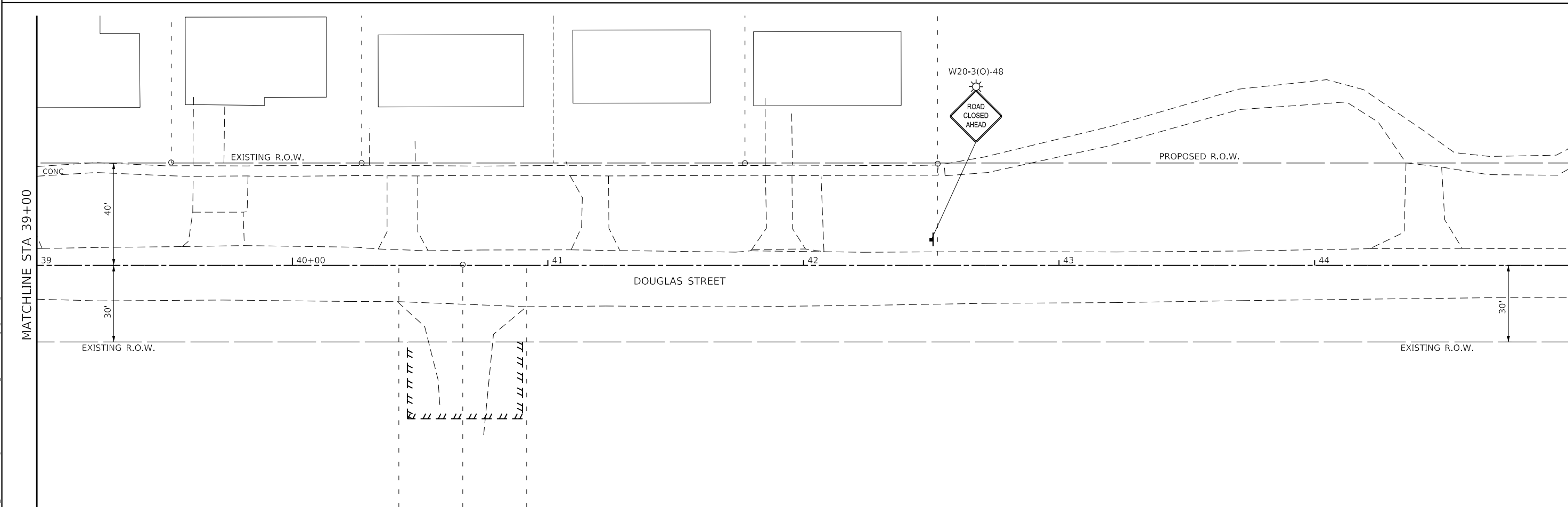
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CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT



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 DATE - 11/30/23

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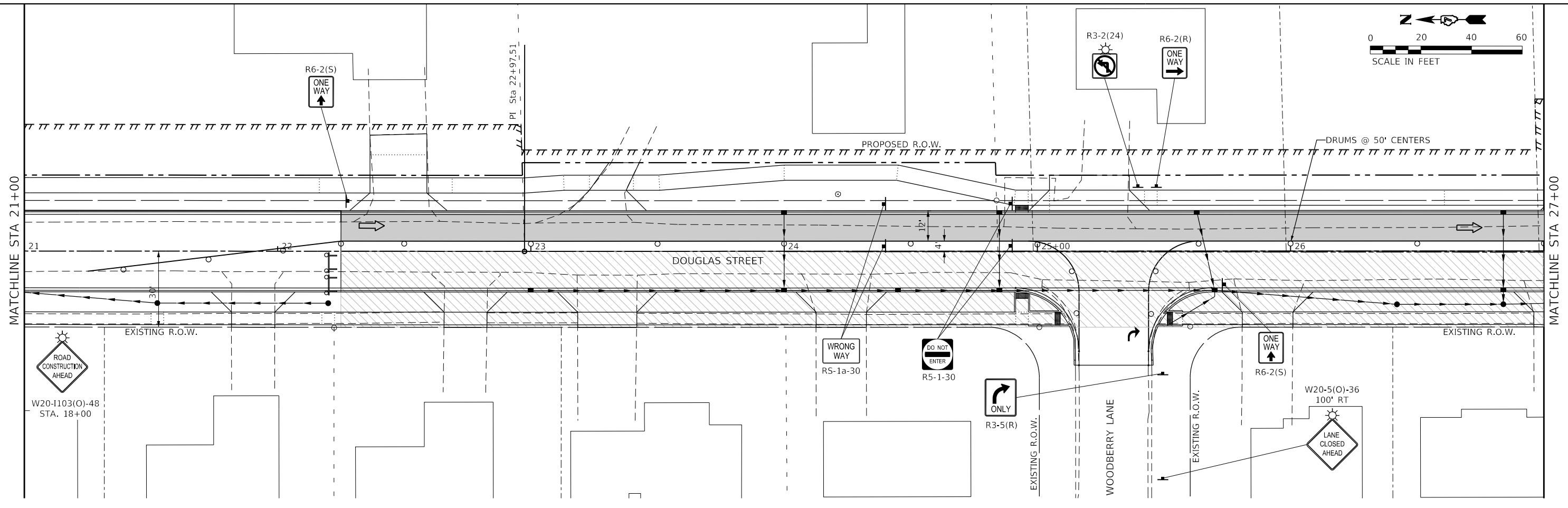
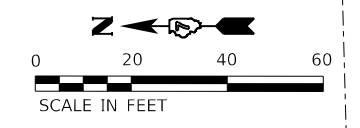
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 2A PLAN**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 33+00 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	51
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	





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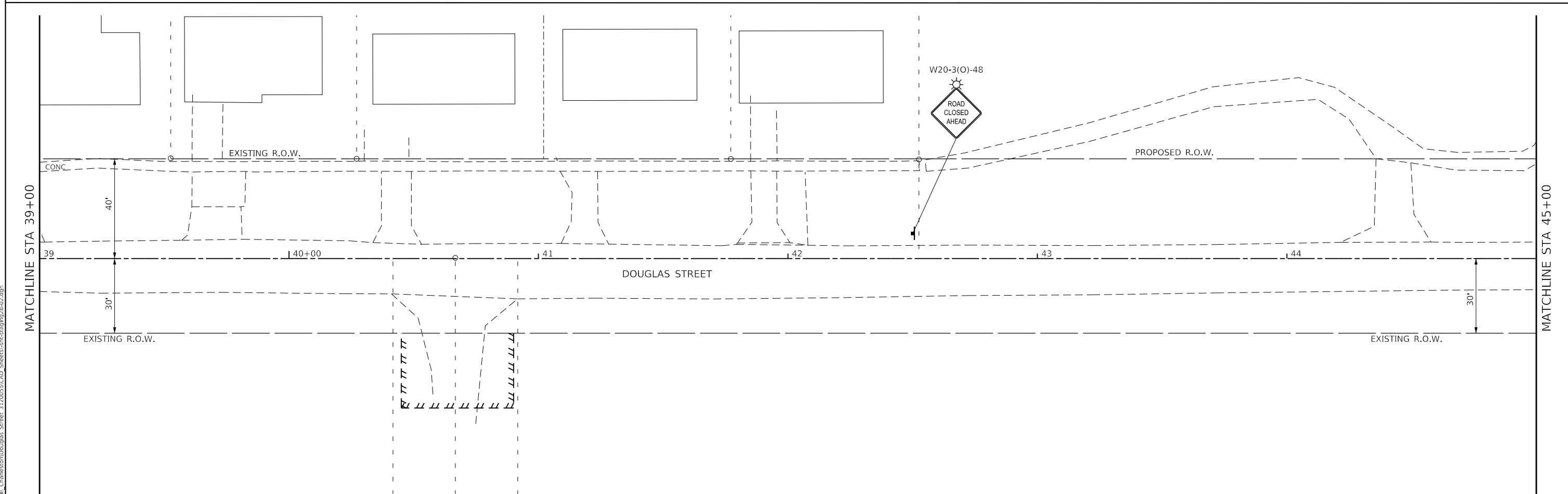
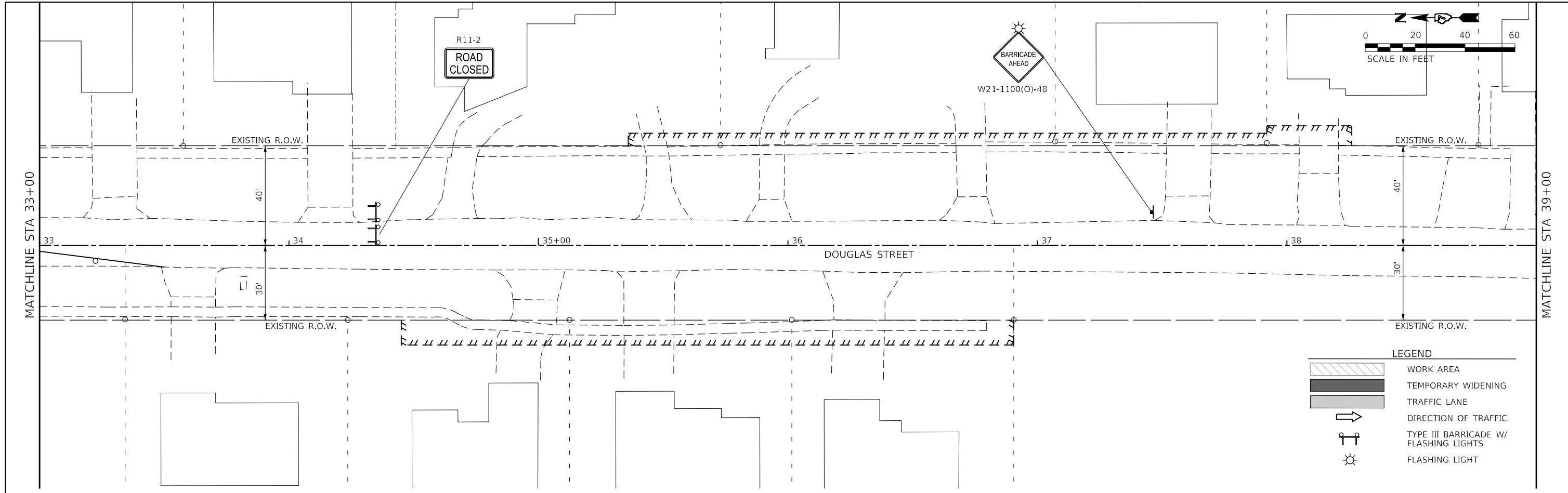
**The Upchurch Group**  
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 Professional Design Firm Corporation  
 123 North 15th Street  
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 Phone: 217.255.5177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

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PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

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**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 2B PLAN**  
 SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 21+00 TO STA. 33+00

F.A.U. RTE. 7640	SECTION 19-00118-00-WR	COUNTY COLES	TOTAL SHEETS 154	SHEET NO. 52
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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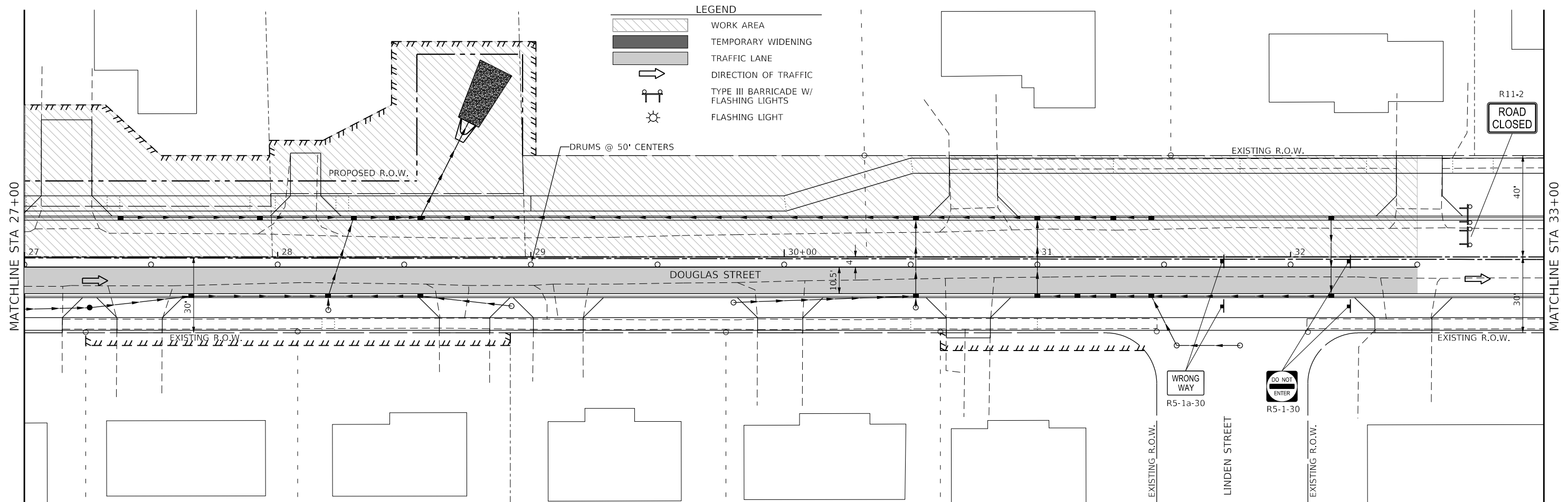
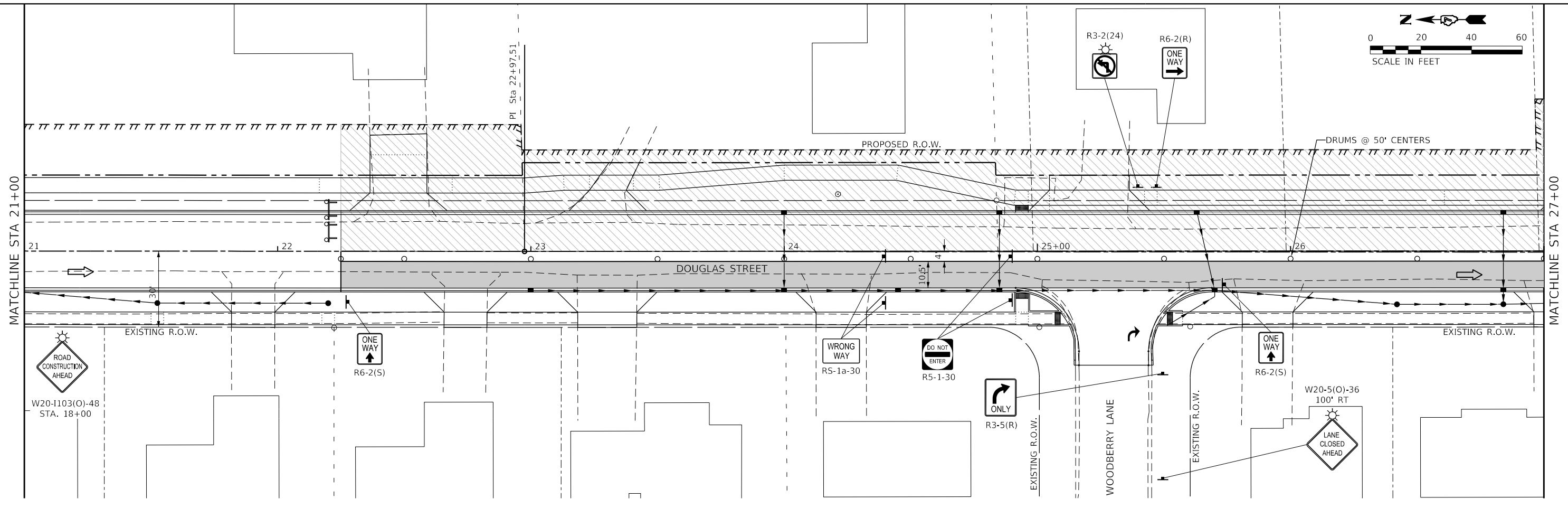
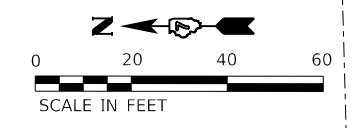
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**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 2B PLAN**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 33+00 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	53
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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 e-mail: upchurchgroup@upchurchgroup.com

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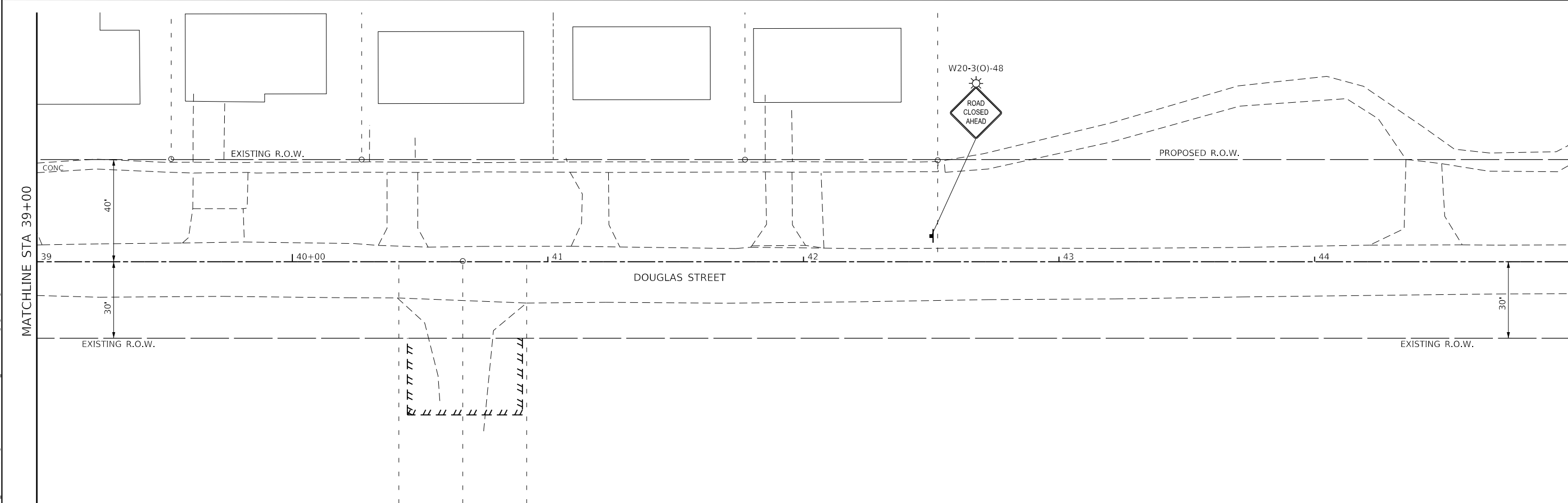
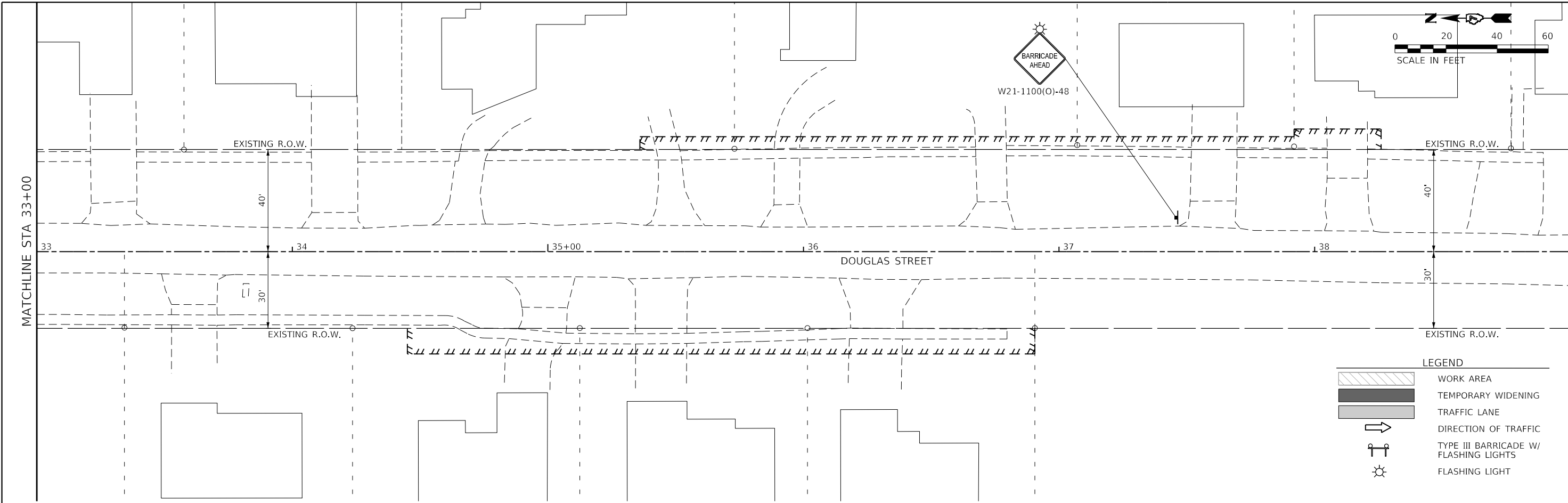
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC - STAGE 2C PLAN**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 21+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	54
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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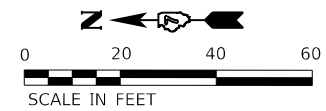
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**DEPARTMENT OF TRANSPORTATION**

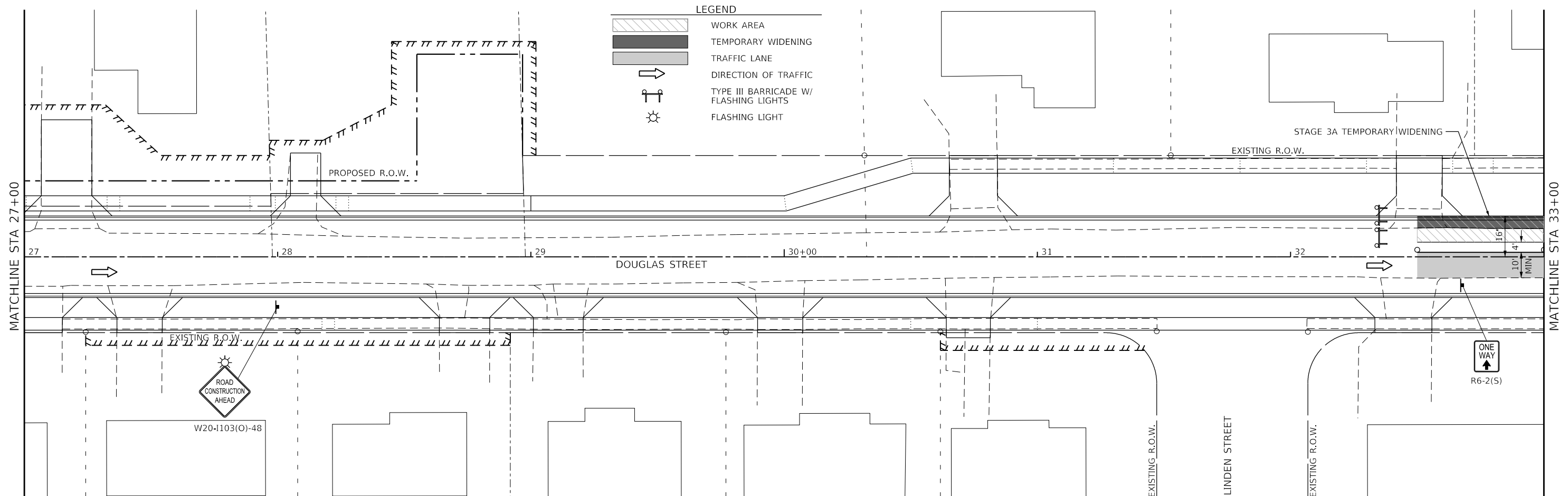
**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 2C PLAN**

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	55
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- WORK AREA
  - TEMPORARY WIDENING
  - TRAFFIC LANE
  - DIRECTION OF TRAFFIC
  - TYPE III BARRICADE W/ FLASHING LIGHTS
  - FLASHING LIGHT



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 e-mail: upchurchgroup@upchurchgroup.com

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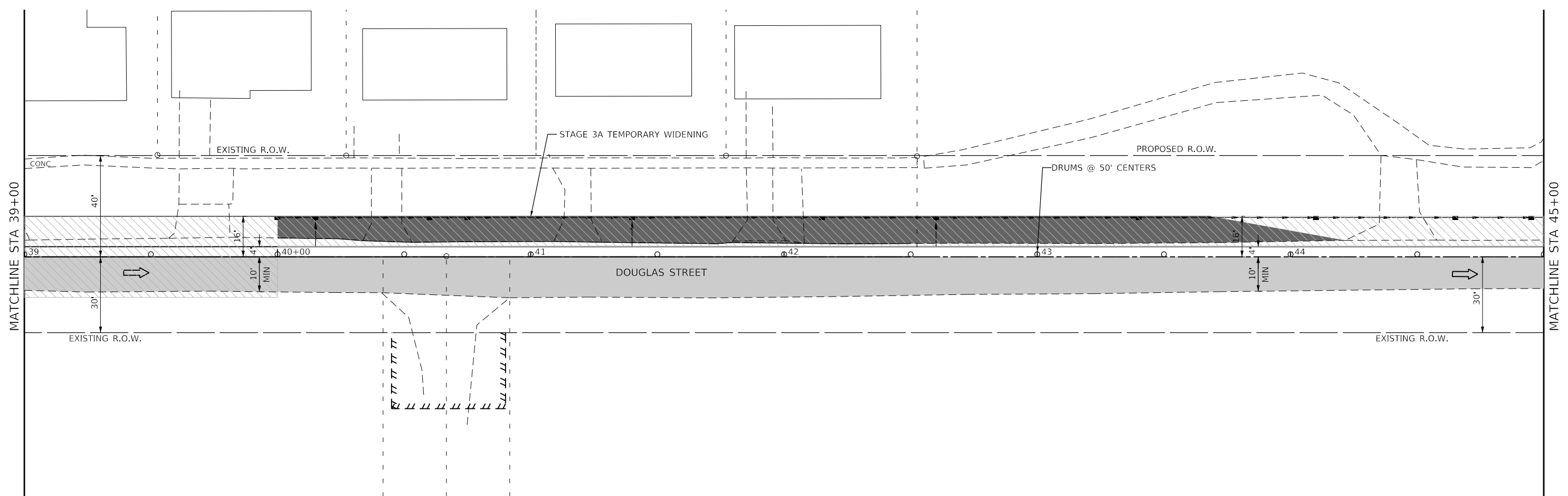
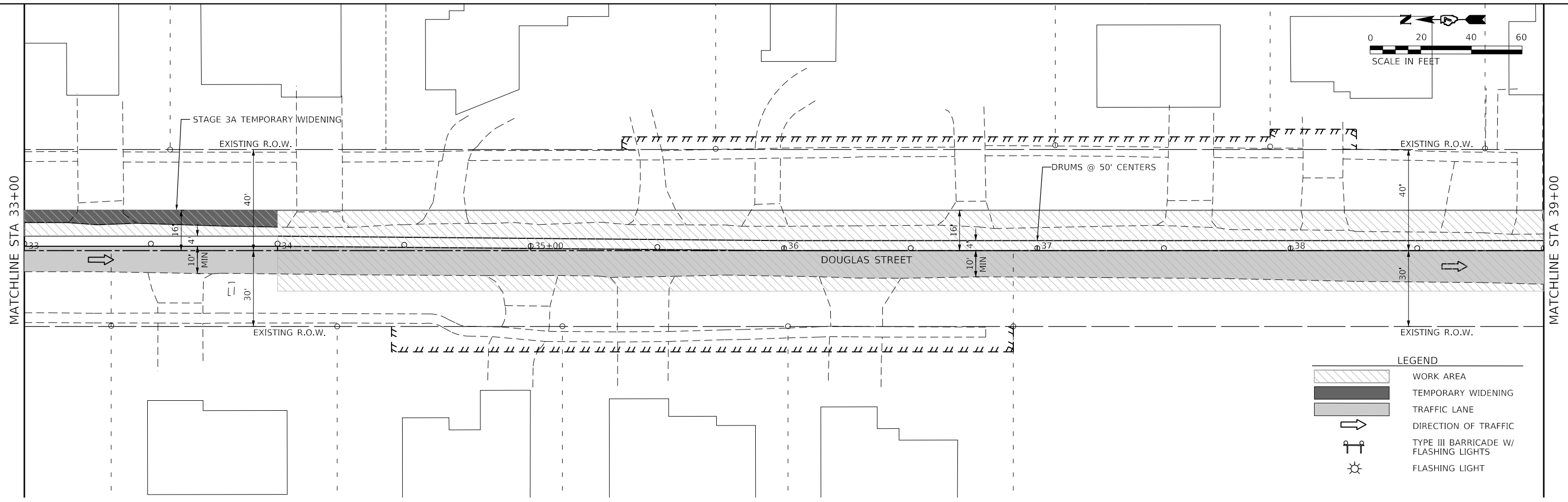
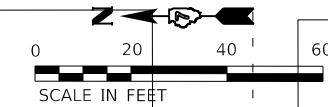
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 CHECKED - SJF  
 DATE - 11/30/23

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 3A PLAN**  
 SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 27+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	56
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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 The Upchurch Group  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com  
 123 North 15th Street  
 Madison, IL 61718  
 Phone: 217.235.5177

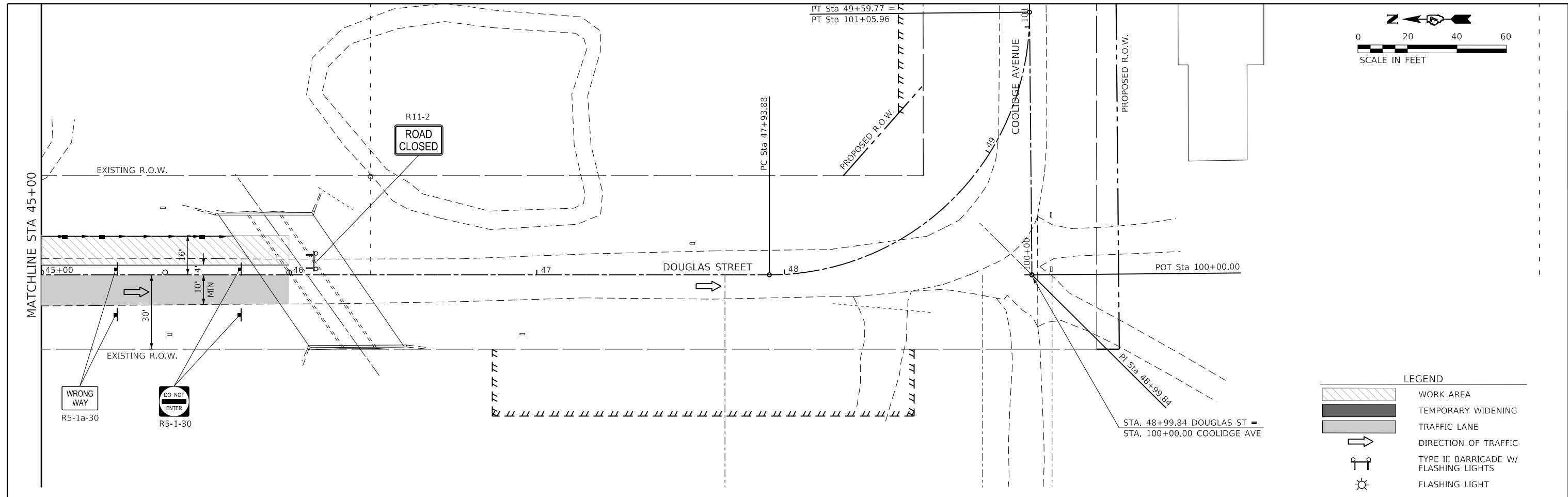
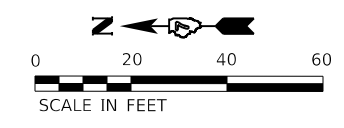
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 3A PLAN**

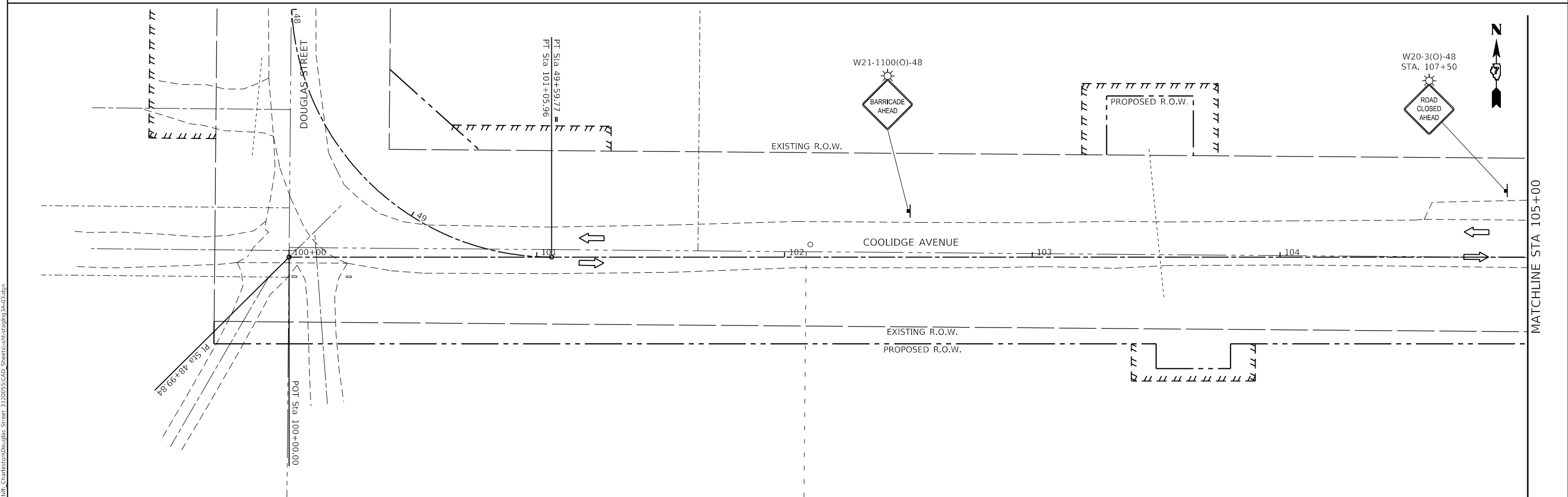
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	57
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT



MODEL: Default  
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 123 North 15th Street  
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 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

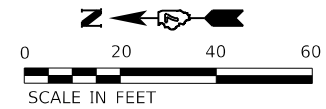
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


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

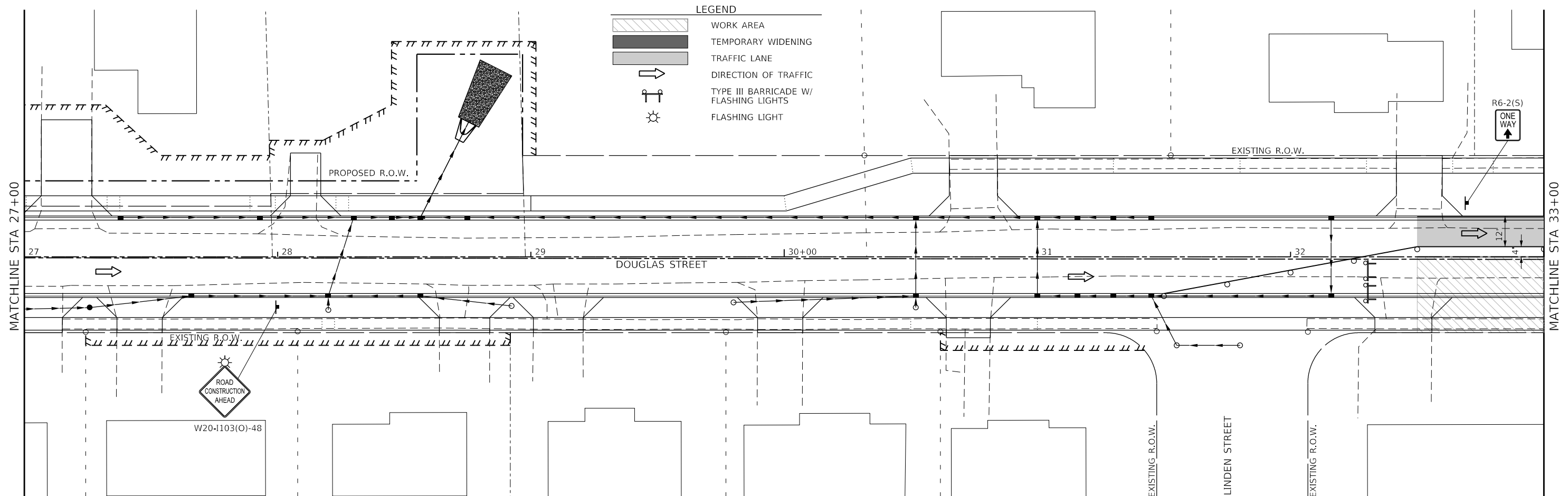
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**MAINTENANCE OF TRAFFIC - STAGE 3A PLAN**

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F.A.U. RTE. 7640	SECTION 19-00118-00-WR	COUNTY COLES	TOTAL SHEETS 154	SHEET NO. 58
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



- LEGEND**
-  WORK AREA
  -  TEMPORARY WIDENING
  -  TRAFFIC LANE
  -  DIRECTION OF TRAFFIC
  -  TYPE III BARRICADE W/ FLASHING LIGHTS
  -  FLASHING LIGHT



MODEL: Default  
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 License No. 184-003401  
 123 North 15th Street  
 Madison, IL 61718  
 Phone: 217.235.5177  
 e-mail: upchurchgroup@upchurchgroup.com

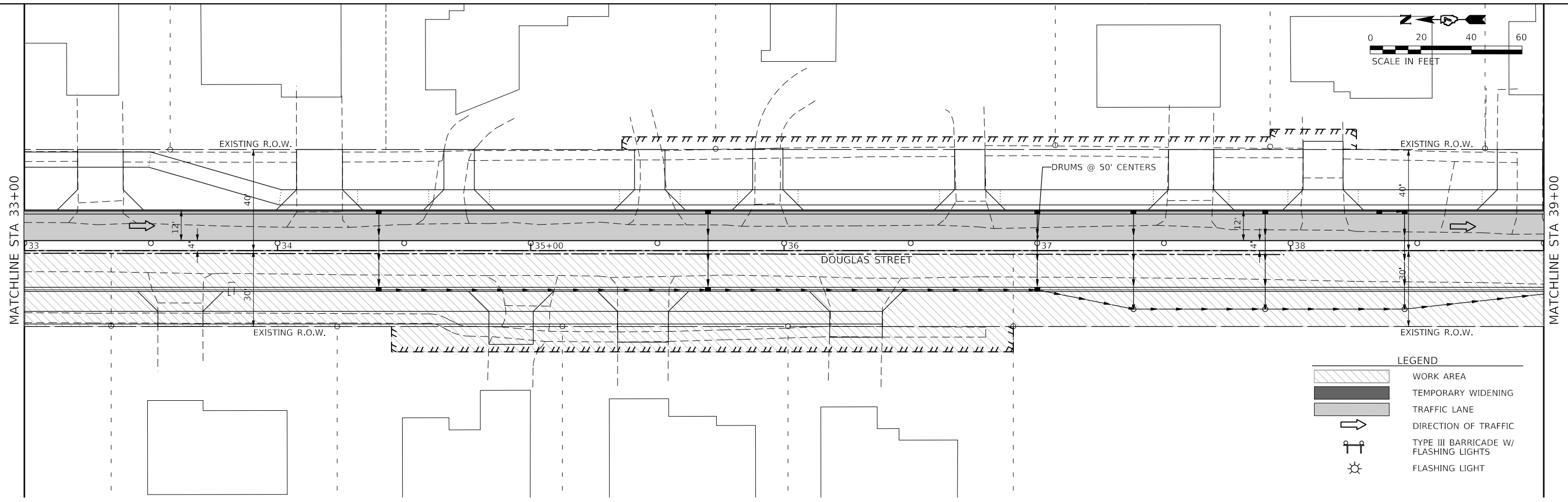
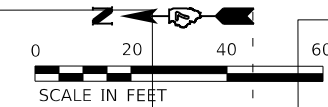
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PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 3B PLAN**  
 SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 27+00 TO STA. 33+00

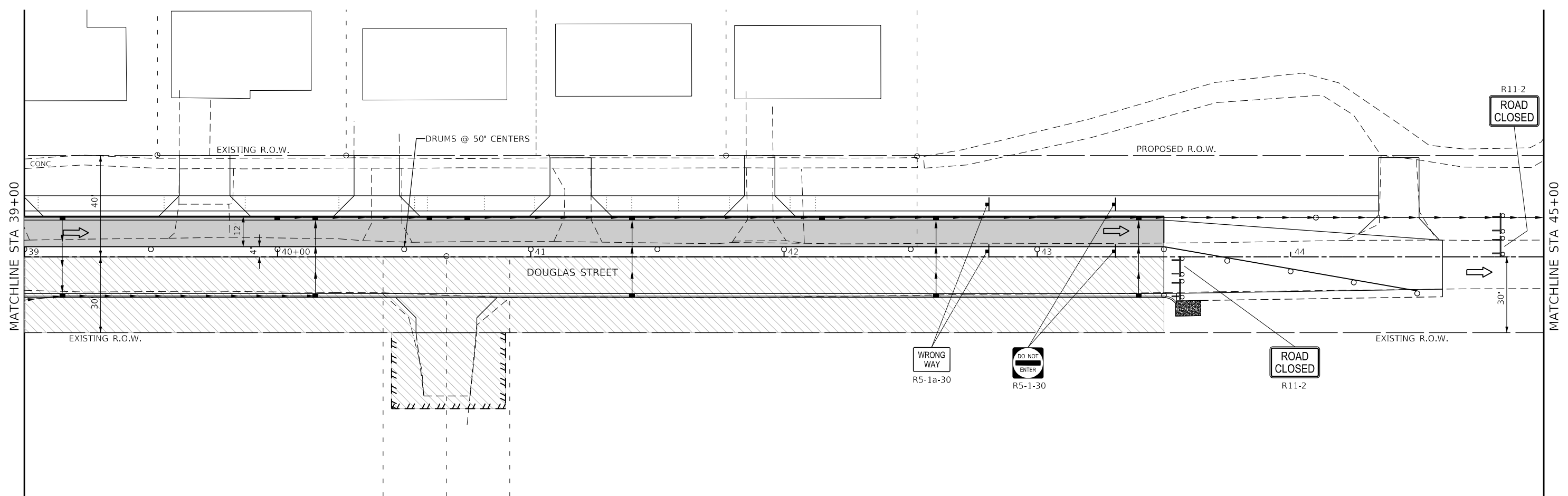
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7640	19-00118-00-WR	COLES	154	59
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				





**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT



MODEL: Default  
 FILE: Main: P:\Civil\CharlestonDouglas Street - 3120055\CAD\_Sheets\shc\charling3B.dwg  
 The Upchurch Group  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 License No. 184-003401  
 123 North 15th Street  
 Madison, IL 61718  
 Phone: 217.255.5177  
 e-mail: upchurchgroup@upchurchgroup.com

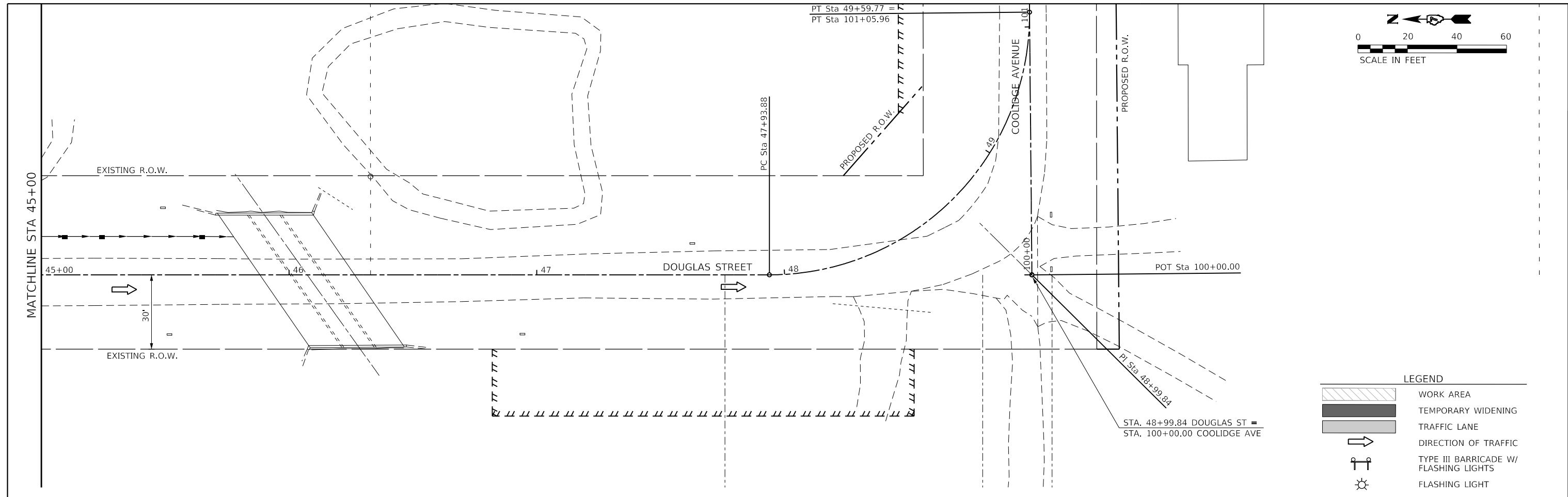
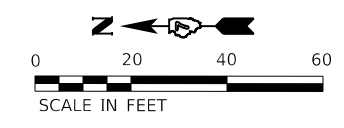
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MAINTENANCE OF TRAFFIC - STAGE 3B PLAN**

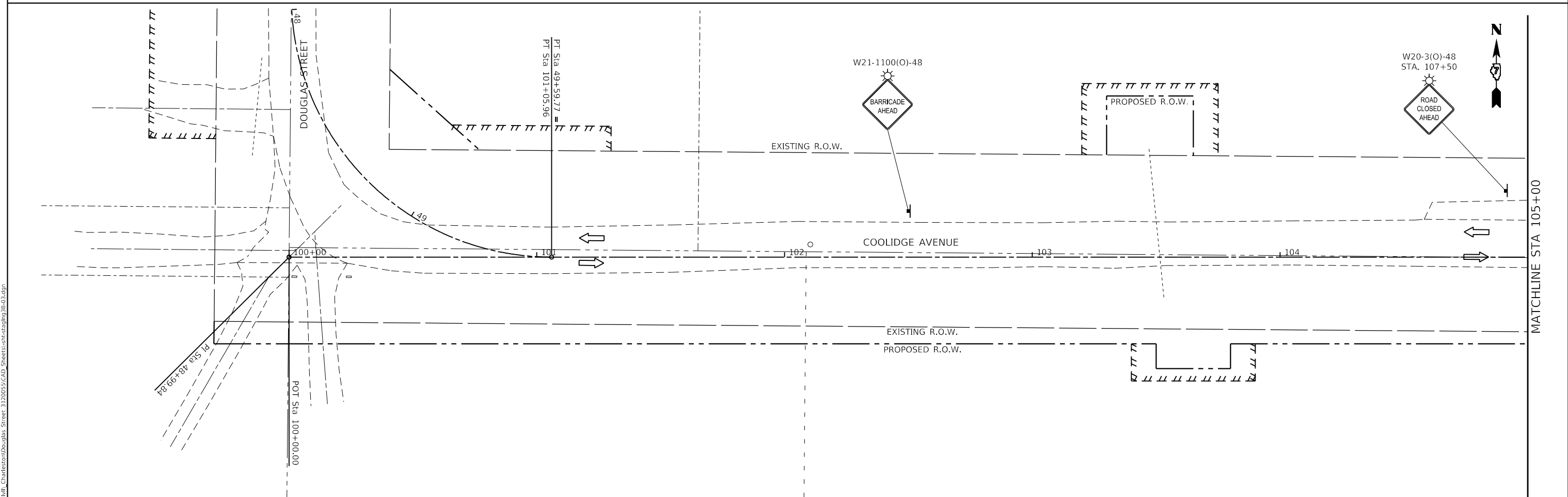
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F.A.U. RTE. 7640	SECTION 19-00118-00-WR	COUNTY COLES	TOTAL SHEETS 154	SHEET NO. 60
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT



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 Madison, IL 61718  
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 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

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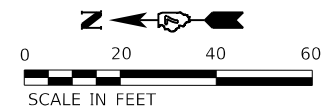
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC - STAGE 3B PLAN**

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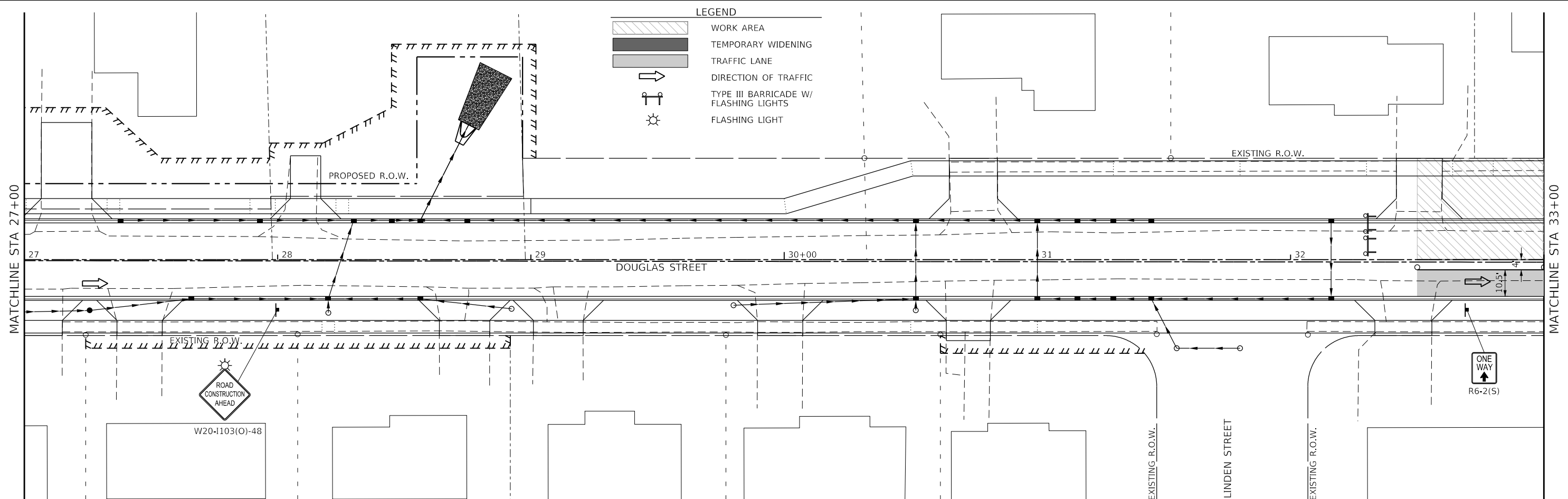
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 95958	

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**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT



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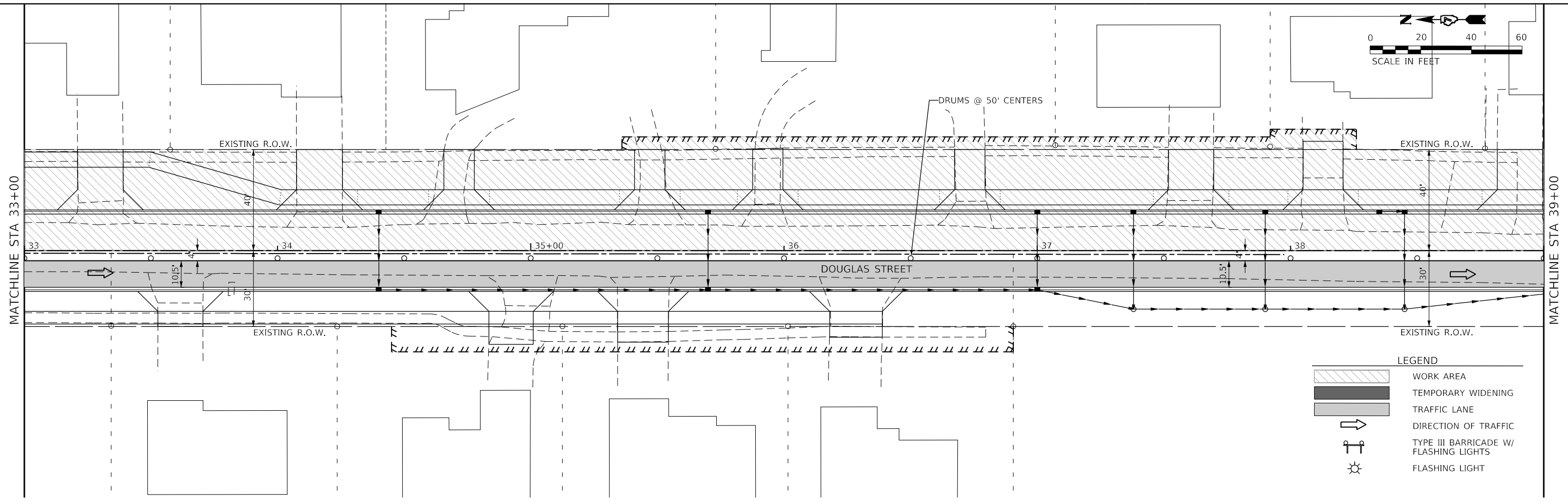
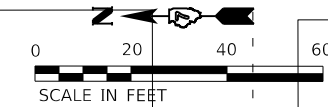
**The Upchurch Group**  
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 Professional Design Firm Corporation  
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 Madison, IL 61718  
 Phone: 217.235.5177  
 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - TLW	REVISED -
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

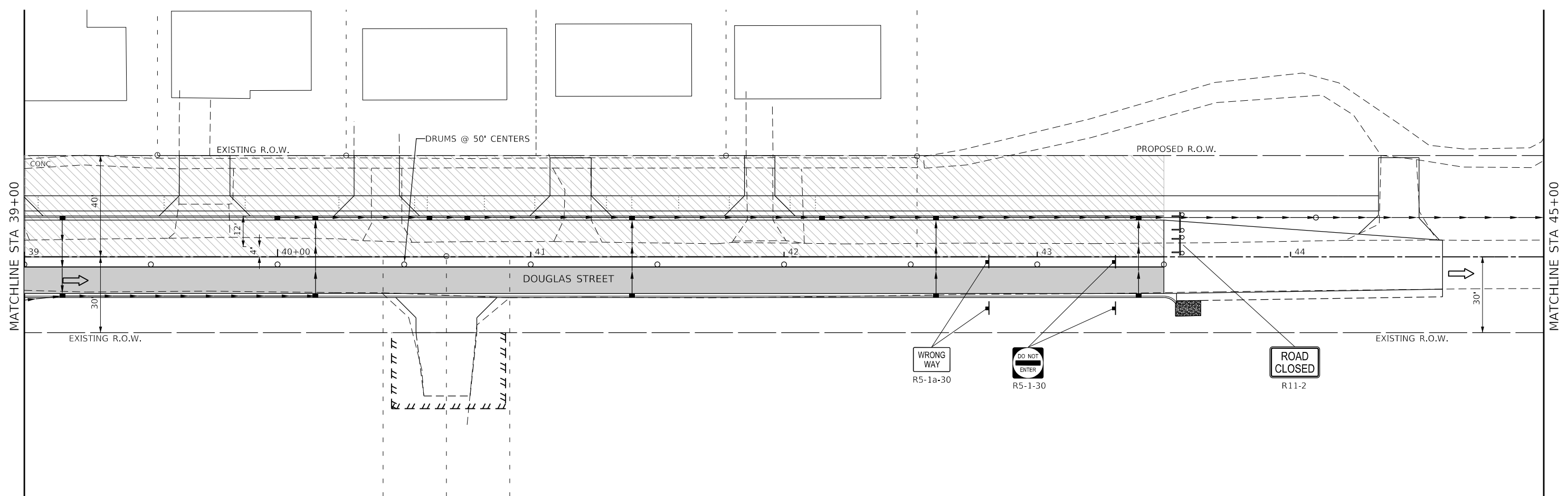
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**MAINTENANCE OF TRAFFIC - STAGE 3C PLAN**  
 SCALE: 40.0000' / in. SHEET OF SHEETS STA. 27+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	62
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- WORK AREA
- TEMPORARY WIDENING
- TRAFFIC LANE
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE W/ FLASHING LIGHTS
- FLASHING LIGHT



MODEL: Default  
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 e-mail: upchurchgroup@upchurchgroup.com

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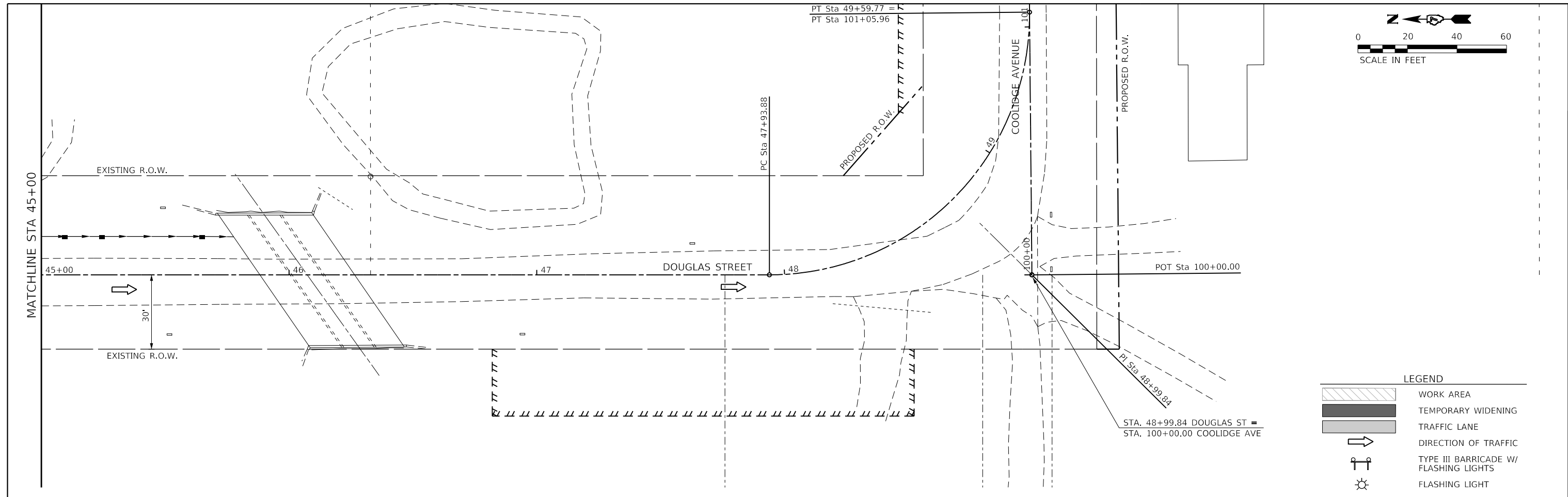
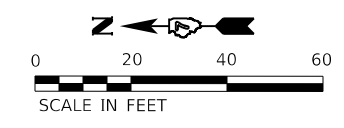
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 CHECKED - SJF  
 DATE - 11/30/23

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

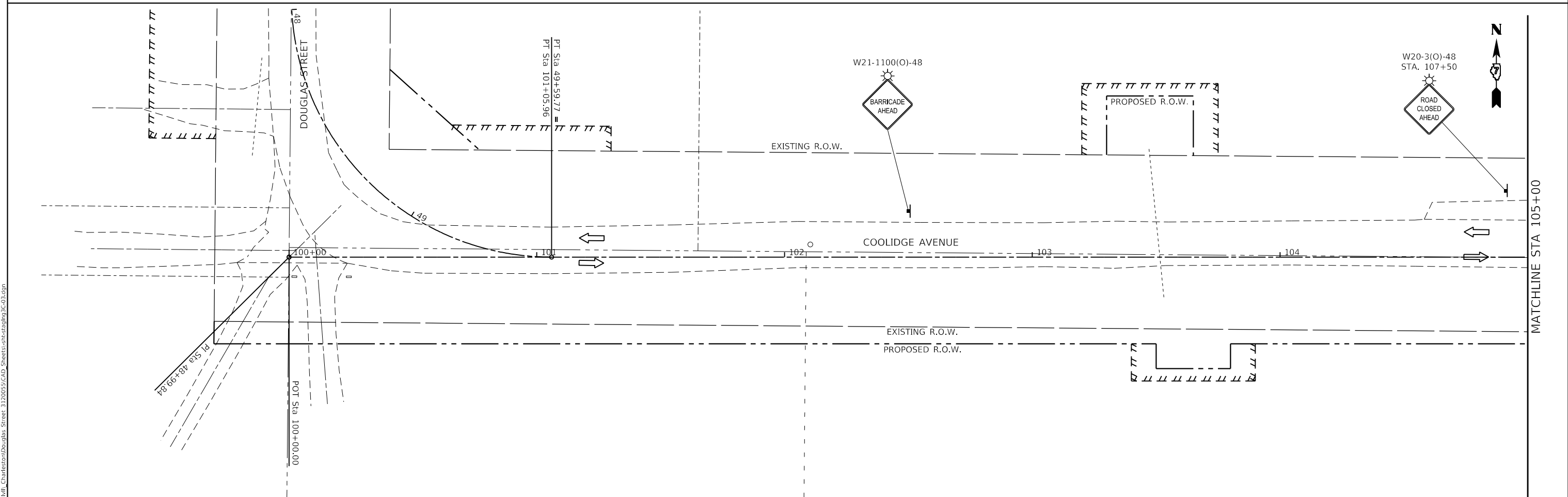
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**MAINTENANCE OF TRAFFIC - STAGE 3C PLAN**  
 SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 33+00 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	63
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT



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 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - TLW	REVISED -
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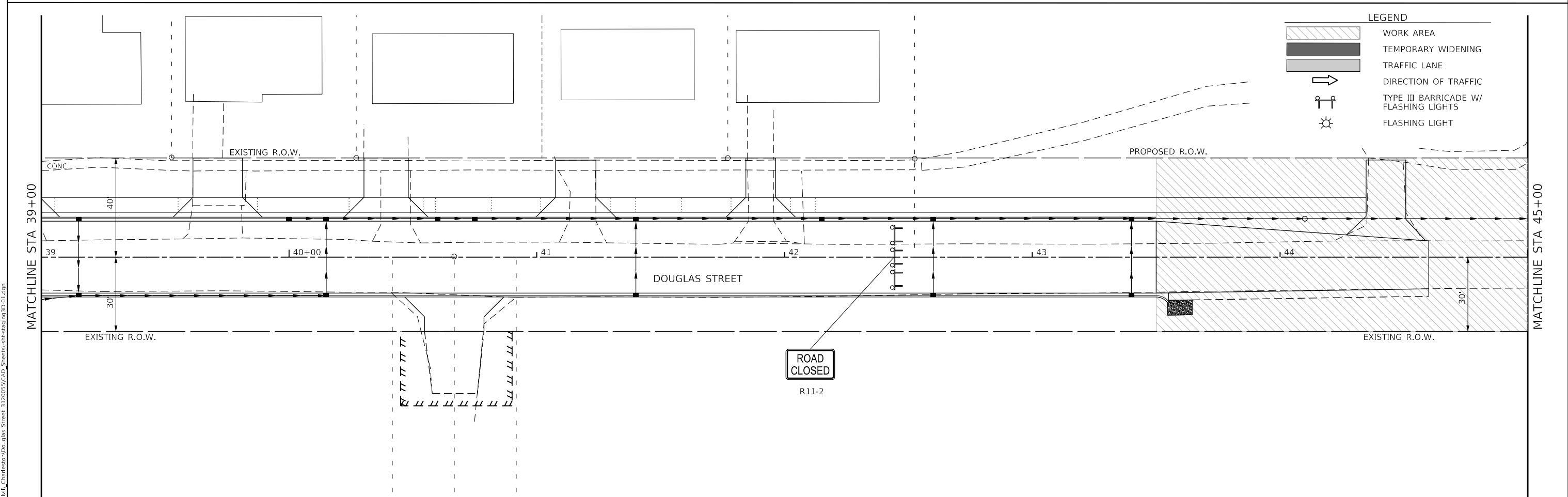
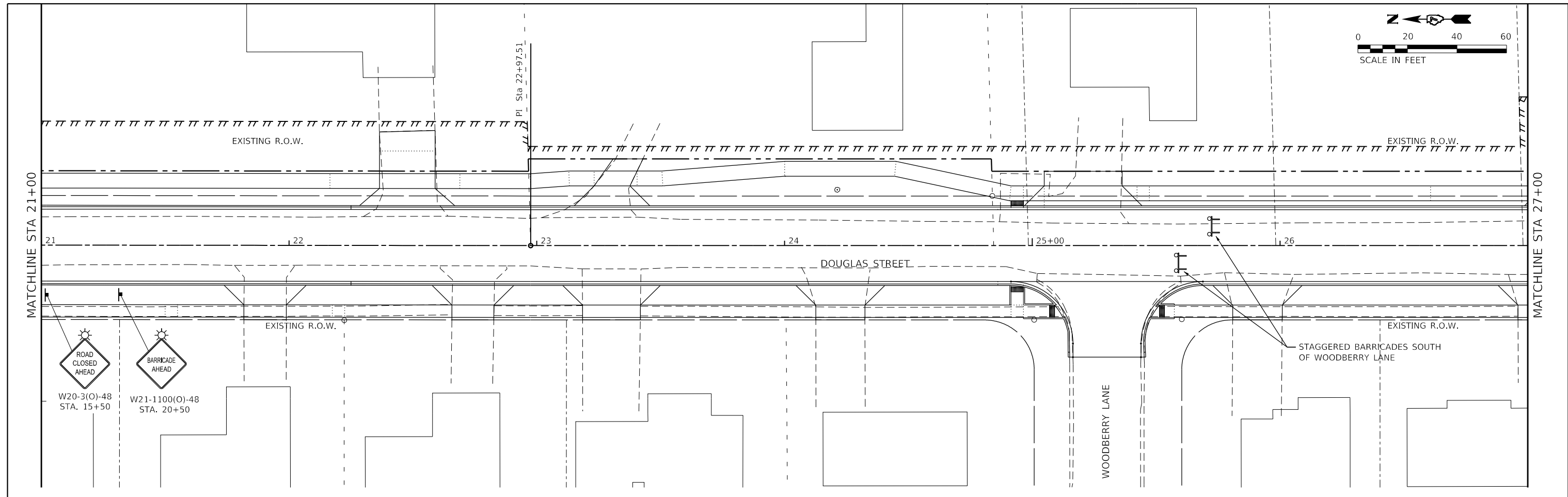
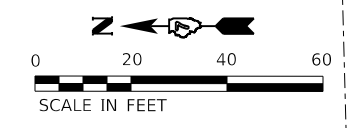
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC - STAGE 3C PLAN**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 45+00 TO STA. 48+99.84

F.A.U. RTE. 7640	SECTION 19-00118-00-WR	COUNTY COLES	TOTAL SHEETS 154	SHEET NO. 64
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT

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 e-mail: upchurchgroup@upchurchgroup.com

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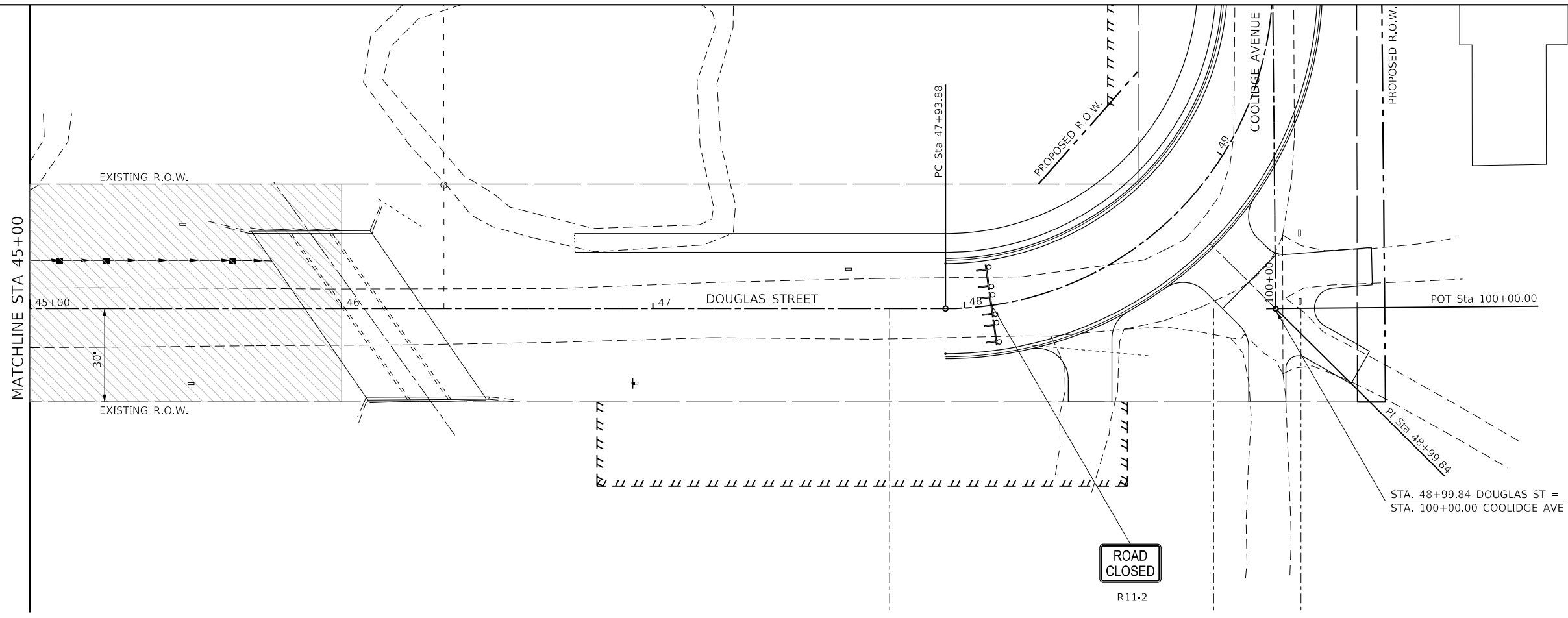
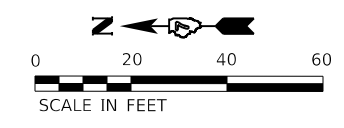
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC - STAGE 3D PLAN**

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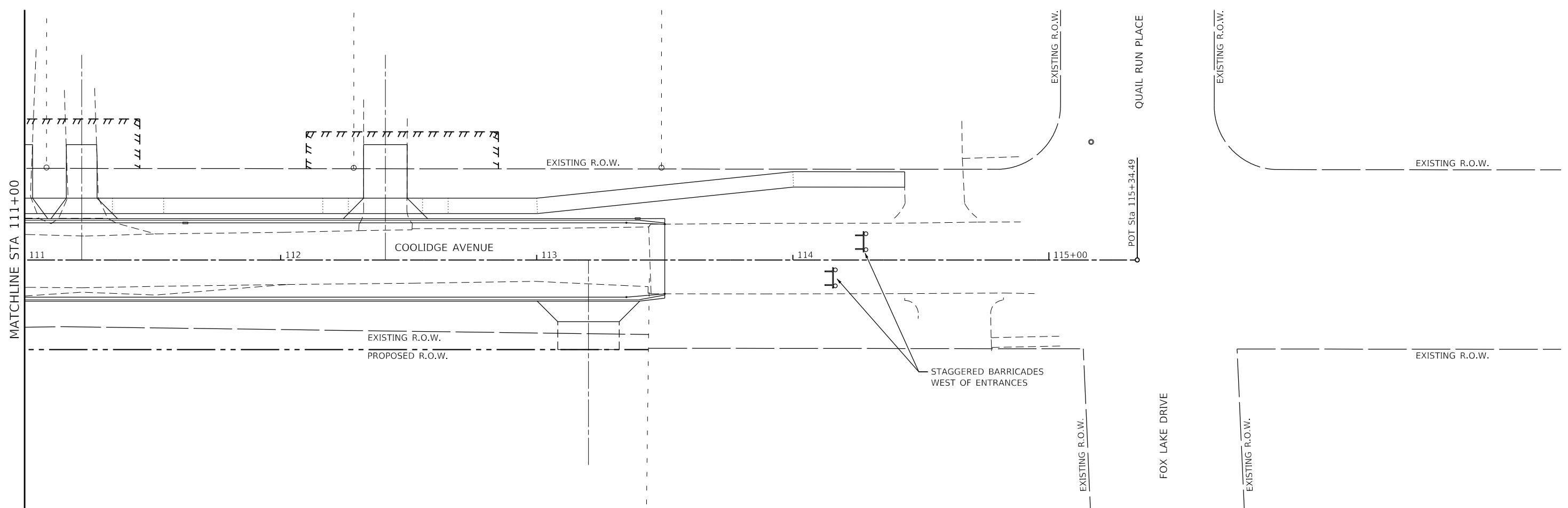
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 95958	

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**LEGEND**

	WORK AREA
	TEMPORARY WIDENING
	TRAFFIC LANE
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE W/ FLASHING LIGHTS
	FLASHING LIGHT



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 123 North 15th Street  
 Maitland, FL 32751  
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 e-mail: upchurchgroup@upchurchgroup.com

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 DATE - 11/30/23

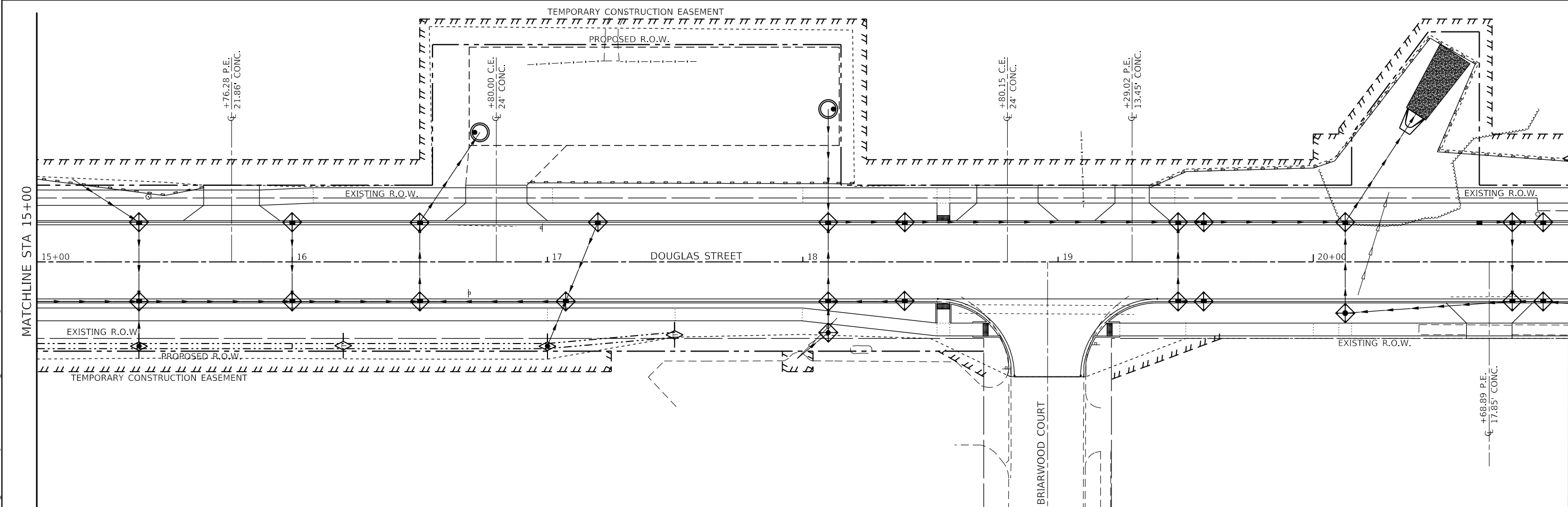
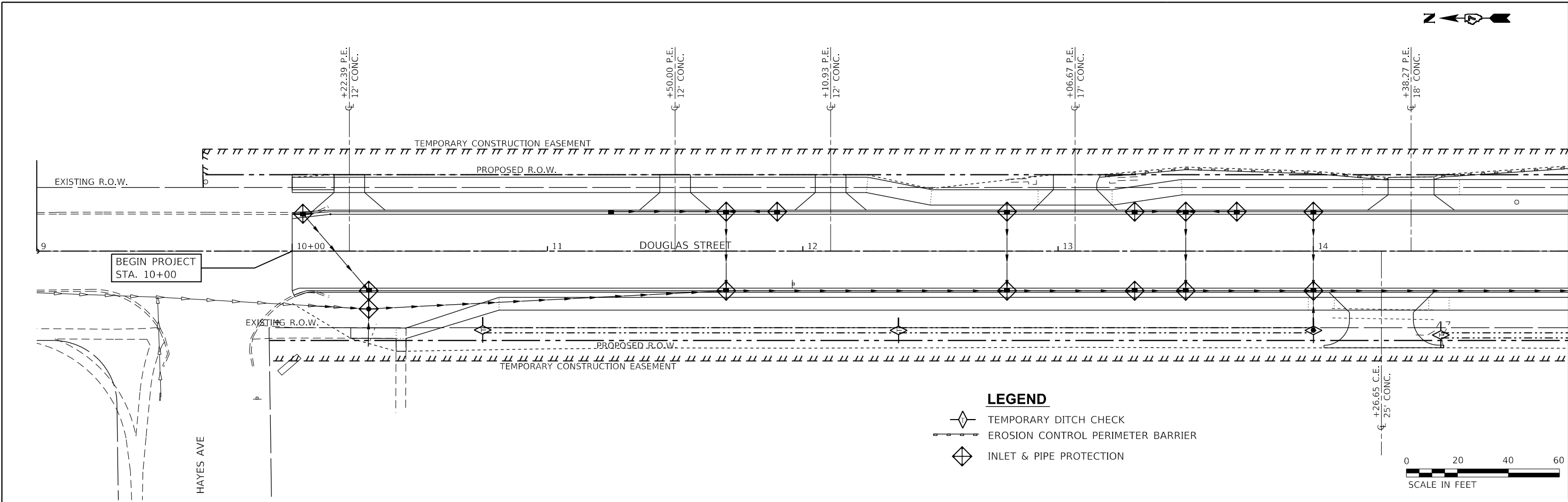
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC - STAGE 3D PLAN**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. 45+00 TO STA. 115+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	66
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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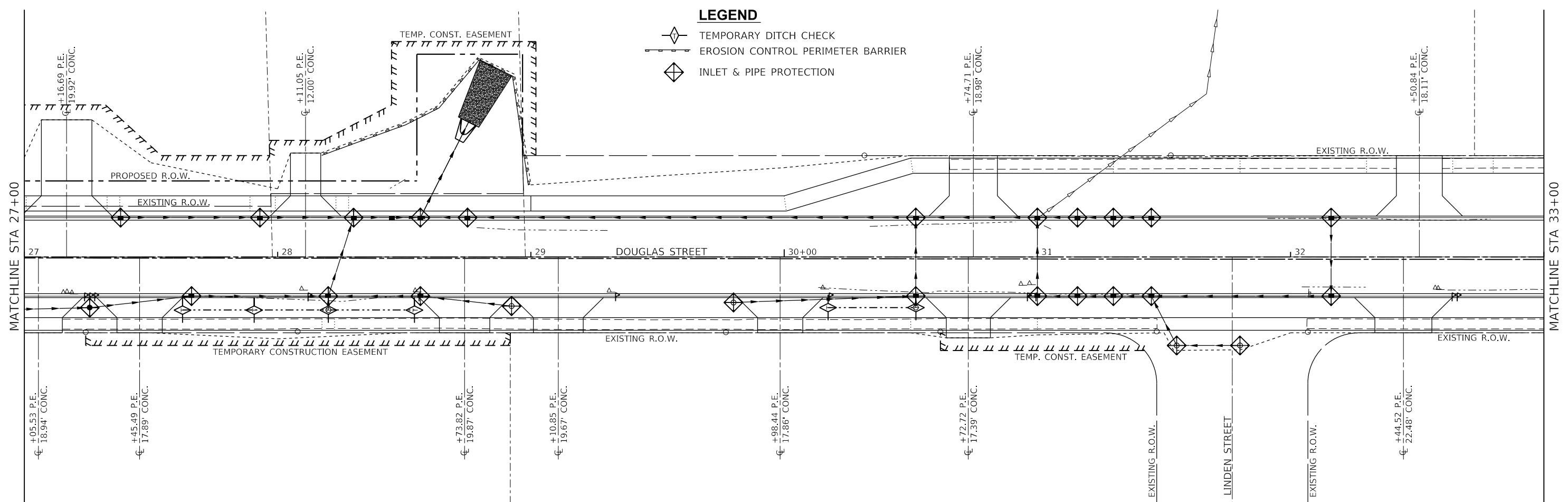
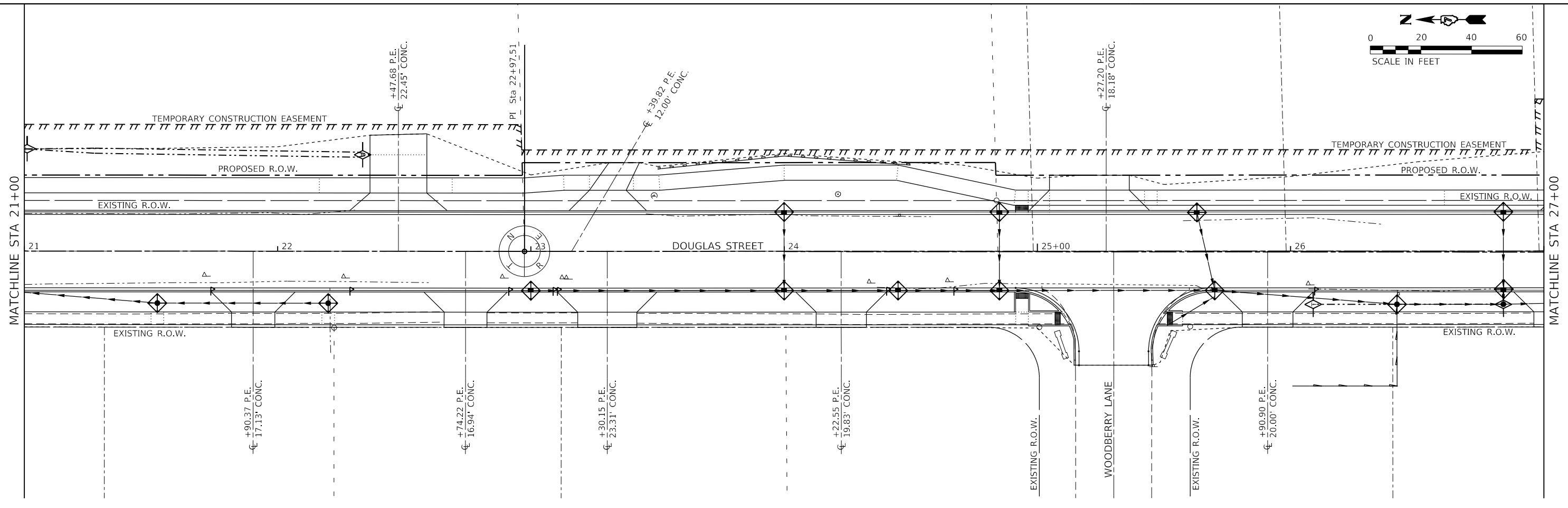
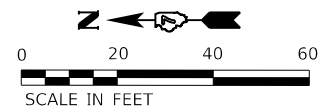
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**EROSION CONTROL PLAN**  
 SCALE: 40.0000' / in. SHEET 1 OF 4 SHEETS STA. 9+00 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	67
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- TEMPORARY DITCH CHECK
  - EROSION CONTROL PERIMETER BARRIER
  - INLET & PIPE PROTECTION

MODEL: Default  
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 e-mail: upchurchgroup@upchurchgroup.com

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 Madison, IL 61718  
 Phone: 217.253.5177

USER NAME = Sta42  
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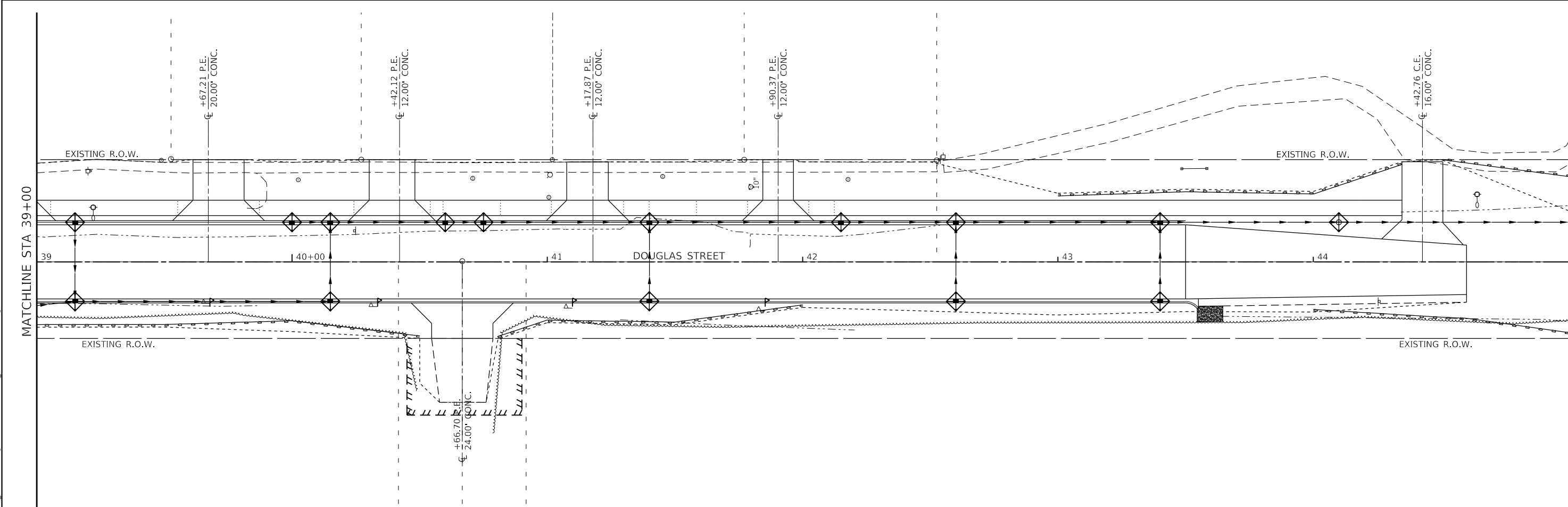
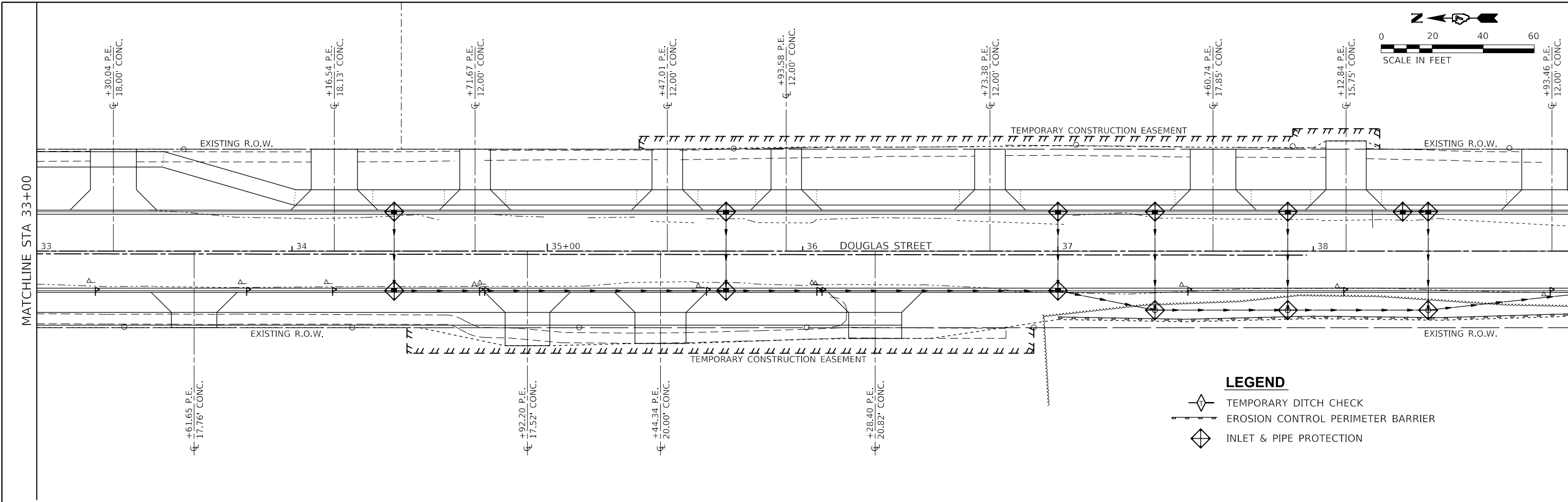
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 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 EROSION CONTROL PLAN**

SCALE: 40.0000 ' / in. SHEET 2 OF 4 SHEETS STA. 21+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	68
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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USER NAME = Sta42	DESIGNED - TLW	REVISED -
TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

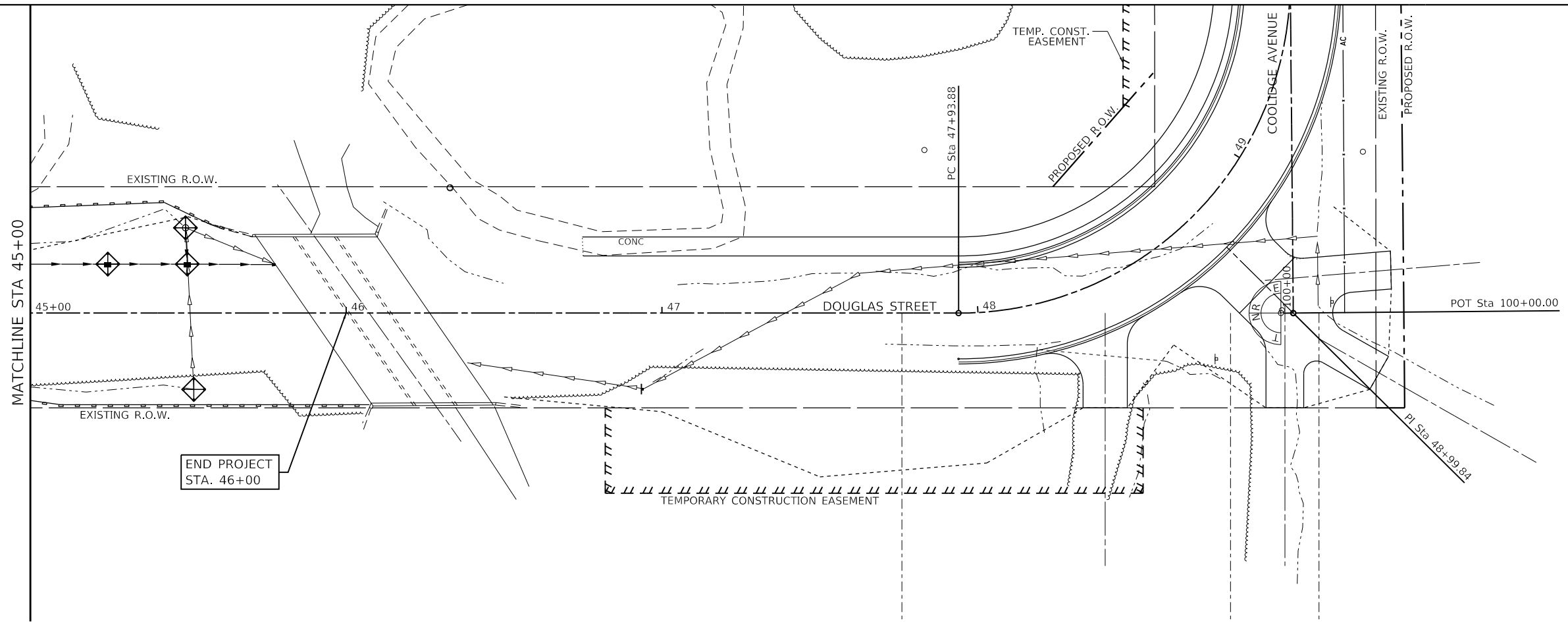
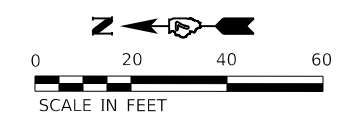
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**


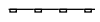

**DOUGLAS STREET RECONSTRUCTION  
 EROSION CONTROL PLAN**

SCALE: 40,0000' / in. SHEET 3 OF 4 SHEETS STA. 33+00 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	69
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
 FILE NAME: P:\Civil\CharlestonDouglas Street 3120055\CAD\_Sheets\shcross-03.dgn



- LEGEND**
-  TEMPORARY DITCH CHECK
  -  EROSION CONTROL PERIMETER BARRIER
  -  INLET & PIPE PROTECTION

MODEL: Default  
 FILE NAME: P:\Civil\CharlestonDouglas Street 3120055\CAD\_Sheets\shcros\_04.dgn

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TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**EROSION CONTROL PLAN**  
 SCALE: 40.0000 ' / in. SHEET 4 OF 4 SHEETS STA. 45+00 TO STA. 48+99.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	70
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

STORM SEWER STRUCTURE TABLE			
OUTLET 1			
NO	TYPE	TOP ELEV.	INVERTS
1	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 10+04, 14.7' LT	690.96	687.96 SW (12")
2	INLET, TY. B 3'0" W/ F.S.T W/ TY. 11V F&G STA. 10+30, 15.5' RT	690.69	687.53 NE (12") 687.30 W (12")
3	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 1 F&OL STA. 10+30, 22.6' RT	690.50	685.78 N (24") 687.27 E (12") 684.70 S (30") 687.27 W (12")
4	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 11+25, 15.5' LT	689.64	686.45 S (12")
5	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 11+90, 15.5' LT	688.92	685.93 N (12")
6	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 11+70, 15.5' LT	689.15	686.01 N (12") 685.84 S (12") 685.74 W (12")
7	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11V F&G STA. 11+70, 15.5' RT	689.15	683.17 N (30") 685.59 E (12") 682.75 S (36")
8	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 12+80, 15.5' LT	687.94	684.95 W (12")
9	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11V F&G STA. 12+80, 15.5' RT	687.94	681.67 N (36") 684.62 E (12") 681.45 S (36")
10	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11V F&G STA. 13+30, 15.5' RT	687.66	680.97 N (36") 679.86 S (36")
11	INLET, TY. A 2'0" W/ TY. 11 F&G STA. 13+30, 15.5' LT	687.66	684.66 S (12")
12	INLET, TY. A 2'0" W/ TY. 11 F&G STA. 13+70, 15.5' LT	687.68	684.69 N (12")
13	INLET, TY. B 3'0" W/ F.S.T W/ TY. 11 F&G STA. 13+50, 15.5' LT	687.64	684.57 N (12") 684.60 S (12") 684.22 W (12")
14	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11 F&G STA. 13+50, 15.5' RT	687.64	679.68 N (36") 684.07 E (12") 679.59 S (36")
15	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 14+00, 15.5' LT	687.80	684.80 W (12")
16	INLET, TY. B 3'0" W/ F.S.T. W/ TY. 8 G STA. 14+00, 31.0' RT	686.68	683.40 E (18")
17	MANHOLE, TY. A 6'0" W/ F.S.T. W/ TY. 11V F&G STA. 14+00, 15.5' RT	687.80	679.09 N (36") 684.47 E (12") 679.00 S (36") 683.33 W (18")
18	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 15+40, 15.5' LT	687.68	684.66 W (12") 684.76 NE (8")
19	INLET, TY. A 2'0" W/ TY. 8 G STA. 15+40, 33.0' RT	686.06	683.46 E (12")
20	MANHOLE, TY. A 6'0" W/ F.S.T. W/ TY. 11V F&G STA. 15+40, 15.5' RT	687.68	677.62 N (36") 684.06 E (12") 677.51 S (36") 683.28 W (12")
21	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 16+00, 15.5' LT	687.08	684.09 W (12")
22	MANHOLE, TY. A 6'0" W/ F.S.T. W/ TY. 11V F&G STA. 16+00, 15.5' RT	687.08	676.93 N (36") 683.49 E (12") 676.84 S (36")
23	MANHOLE, TY. A 6'0" W/ F.S.T. W/ TY. 11V F&G STA. 16+50, 15.5' LT	686.54	676.15 SE (36") 676.38 W (36")
24	MANHOLE, TY. A 7'0" W/ F.S.T. W/ TY. 11V F&G STA. 16+50, 15.5' RT	686.54	676.60 N (36") 676.50 E (36") 680.88 S (15")
25	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 17+20, 15.5' LT	685.77	682.10 NW (12")
26	INLET, TY. A 2'0" W/ TY. 8 G STA. 17+00, 33.0' RT	684.57	681.50 SE (12")

STORM SEWER STRUCTURE TABLE			
OUTLET 1			
NO	TYPE	TOP ELEV.	INVERTS
27	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11V F&G STA. 17+07, 15.5' RT	685.91	681.16 N (15") 681.94 SE (12") 681.41 NW (12")
28	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 18+10, 15.5' RT	684.78	680.60 E (12") 680.70 S (12") 680.92 W (12")
29	MANHOLE, TY. A 8'0" W/ F.S.T. W/ TY. 11V F&G STA. 18+10, 15.5' LT	684.78	674.10 E (36") 673.98 S (48") 680.57 W (12")
30	MANHOLE, TY. A 7'0" W/ F.S.T. W/ TY. 11V F&G STA. 18+40, 15.5' LT	684.45	673.92 N (48") 673.86 S (48")
31	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 18+40, 15.5' RT	684.45	680.73 N (12")
32	MANHOLE, TY. A 7'0" W/ F.S.T. W/ TY. 11V F&G STA. 19+47, 15.5' LT	683.32	673.65 N (48") 679.24 S (12") 673.54 S (48") 679.09 W (12")
33	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 19+57, 15.5' LT	683.24	679.44 N (12")
34	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 19+47, 15.5' RT	683.32	679.42 E (12") 679.54 S (12")
35	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 19+57, 15.5' RT	683.24	679.74 N (12")
36	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 8 GR STA. 20+12.50, 20.0' RT	682.25	677.55 E (18") 678.06 S (15")
# 37-R1	MANHOLE, TY. A 8'0" W/ F.S.T. W/ TY. 1 F&CL & 11V F&G W/ RESTRICTOR STA. 20+12.50, 15.5' LT	682.90 W 683.35 S	673.41 N (48") 670.51 SE (48") 677.38 W (18")
38	INLET, TY. A 2'0" W/ TY. 11 F&G STA. 20+65, 15.5' LT	682.77	678.88 S (12")
39	INLET, TY. A 2'0" W/ TY. 11 F&G STA. 20+90, 15.5' LT	682.78	678.89 N (12")
40	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11 F&G STA. 20+78, 15.5' LT	682.77	678.82 N (12") 678.83 S (12") 678.68 W (12")
41	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11 F&G STA. 20+78, 15.5' RT	682.78	678.38 N (15") 678.53 E (15") 678.49 S (12")
42	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 20+90, 15.5' RT	682.78	678.54 N (12") 678.66 S (12")
43	INLET, TY. B 3'0" W/ F.S.T. W/ TY. 8 G STA. 21+52.50, 20.5' RT	682.87	678.97 N (12") 679.13 S (12")
44	INLET, TY. A 2'0" W/ TY. 8 G STA. 22+20, 20.5' RT	682.21	679.46 N (12")
176	INLET, TY. A 2'0" W/ TY. 8 G STA. 18+10, 27.7' RT	684.78	680.98 E (12") 682.98 NW (6")
177	MANHOLE, TY. A 6'0" W/ F.S.T. W/ TY. 1 F&CL STA. 16+73.50, 50.68' LT		676.68 E (36") 675.94 S (24") 675.94 NW (36") 673.94 SUMP
178	MANHOLE, TY. A 6'0" W/ F.S.T. W/ TY. 1 F&CL STA. 18+10, 59.75' LT		675.94 N (24") 676.02 E (36") 675.00 SE (6") 674.75 W (36")

# SEE MANHOLE DETAILS SHEET 81 TO 83

STORM SEWER SCHEDULE				
OUTLET 1				
SEGMENT	DIA.	TYPE	LF	SLOPE
SS-1	12"	SS TY 1 X	39 LF @	1.0%
SS-2	12"	SS TY 1 X	6 LF @	0.5%
SS-3	24"	SS TY 1 X	24 LF @	7.8%
*SS-4	12"	SS TY 1 X	14 LF @	7.1%
*SS-5	30"	SS TY 2 X	139 LF @	1.1%
SS-6	12"	SS TY 1 X	44 LF @	1.0%
SS-7	12"	SS TY 1 X	19 LF @	0.5%
SS-8	12"	SS TY 1 X	30 LF @	0.5%
SS-9	36"	SS TY 2 X	108 LF @	1.0%
*SS-10	12"	SS TY 1 X	30 LF @	1.1%
*SS-11	36"	SS TY 2 X	48 LF @	1.0%
SS-12	36"	SS TY 2 X	18 LF @	1.0%
SS-13	12"	SS TY 1 X	19 LF @	0.5%
SS-14	12"	SS TY 1 X	19 LF @	0.5%
SS-15	12"	SS TY 1 X	30 LF @	0.5%
*SS-16	36"	SS TY 2 X	50 LF @	1.0%
SS-17	12"	SS TY 1 X	30 LF @	1.1%
SS-18	18"	SS TY 1 X	15 LF @	0.5%
SS-19	36"	SS TY 2 X	138 LF @	1.0%
SS-20	12"	SS TY 1 X	30 LF @	0.2%
*SS-21	15"	SS TY 2 X	16 LF @	1.1%
*SS-22	36"	SS TY 2 X	58 LF @	1.0%
SS-23	12"	SS TY 1 X	30 LF @	2.0%
SS-24	36"	SS TY 2 X	48 LF @	0.5%
SS-25	12"	SS TY 1 X	33 LF @	0.5%
*SS-26	12"	SS TY 2 X	18 LF @	0.5%
SS-27	15"	SS TY 2 X	57 LF @	0.5%
SS-28	36"	SS TY 2 X	30 LF @	0.5%
SS-29	36"	SS TY 2 X	42 LF @	0.5%
*SS-30	12"	SS TY 1 X	12 LF @	0.5%
SS-31	12"	SS TY 2 X	30 LF @	1.0%
SS-32	12"	SS TY 2 X	30 LF @	1.0%
SS-33	36"	SS TY 2 X	44 LF @	1.5%
*SS-34	48"	SS TY 2 X	30 LF @	0.2%
SS-35	48"	SS TY 2 X	107 LF @	0.2%
SS-36	12"	SS TY 1 X	10 LF @	2.0%
SS-37	12"	SS TY 2 X	30 LF @	1.1%
SS-38	12"	SS TY 2 X	10 LF @	2.0%
*SS-39	48"	SS TY 2 X	65 LF @	0.2%
SS-40	48"	SS TY 2 X	42 LF @	0.2%
SS-41	18"	SS TY 2 X	35 LF @	0.5%
SS-42	15"	SS TY 2 X	65 LF @	0.5%
SS-43	15"	SS TY 2 X	30 LF @	0.5%
SS-44	12"	SS TY 1 X	12 LF @	0.5%
SS-45	12"	SS TY 1 X	12 LF @	0.5%
SS-46	12"	SS TY 2 X	10 LF @	0.5%
SS-47	12"	SS TY 2 X	62 LF @	0.5%
SS-48	12"	SS TY 1 X	67 LF @	0.5%
SS-49	8"	SS TY 1 X	31 LF @	9.1%
			TOTAL	

\*SEE GRADING NOTE 1.

### GRADING NOTES

- ALL STORM SEWER PIPE SHALL BE CLASS B PIPE. STORM SEWERS TAGGED WITH AN ASTERISK (\*) SHALL BE WATER MAIN QUALITY PIPE. SEE SPECIAL PROVISIONS.
- TOP ELEVATION IN STORM SEWER TABLE IS DEFINED AS FOLLOWS:
  - TY. 1 F&CL: AT TOP OF LID
  - TY. 1 F&OL: AT TOP OF LID
  - TY. 11 F&G: AT EDGE OF PAVEMENT
  - TY. 11V F&G: AT EDGE OF PAVEMENT
  - TY. 8 G: AT TOP OF BEEHIVE
  - TY. 10 G: AT EDGE OF PAVEMENT
- STATION AND OFFSET IS DEFINED AS:
  - TY. 1 F&CL: CENTER OF STRUCTURE
  - TY. 1 F&OL: CENTER OF LID
  - TY. 11 F&G: AT FLOWLINE OF CURB AND GUTTER
  - TY. 11V F&G: AT FLOWLINE OF CURB AND GUTTER
  - TY. 8 G: CENTER OF GRATE
  - TY. 10 G: AT FLOWLINE OF CURB AND GUTTER
- MANHOLES WITH GRATES SHALL HAVE A MINIMUM 8" GROUND COVER BETWEEN GRATE AND FLAT SLAB TOP.

MODEL: Default  
 FILE: MainE\_Plan.dwg  
 Charlestown/Douglas Street 3120955/CAD\_Sheets/sh-drawings-sch.dgn

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REVISED -  
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 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE SCHEDULES**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	71
ILLINOIS FED. AID PROJECT			CONTRACT NO. 95958	

STORM SEWER STRUCTURE TABLE			
OUTLET 2			
NO	TYPE	TOP ELEV.	INVERTS
45	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 23+00, 15.5' RT	681.88	678.60 S (12")
46	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 24+00, 15.5' LT	679.10	676.10 W (12")
47	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 24+00, 15.5' RT	679.10	675.60 N (12") 675.50 E (12") 675.40 S (12")
48	INLET, TY. B 3'0" W/ F.S.T. W/ TY. 11V F&G STA. 24+45, 15.5' RT	678.04	674.51 N (12") 674.42 S (12")
49	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 24+85, 15.5' LT	677.35	674.35 W (12")
50	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 24+85, 15.5' RT	677.35	673.62 N (12") 673.75 E (12") 673.30 S (15")
51	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 25+63, 15.5' LT	675.37	672.12 W (12")
52	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11V F&G STA. 25+70, 15.5' RT	675.10	671.09 N (15") 671.50 E (12") 670.50 S (15") 670.58 W (12")
53	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 1 F&OL STA. 26+42, 21.0' RT	671.46	667.26 N (15") 667.20 S (15") ? W (4")
54	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 26+84, 15.5' LT	669.34	666.34 W (12")
55	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 26+84, 15.5' RT	669.34	666.04 E (12") 665.68 W (12")
56	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 1 F&OL STA. 26+84, 21.0' RT	669.20	665.10 N (15") 665.60 E (12") 665.00 S (15")
57	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 1 F&OL STA. 27+26, 20.1' RT	667.30	663.28 N (15") 662.93 S (18")
58	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11V F&G STA. 27+66, 15.5' RT	666.44	661.93 N (18") 658.40 S (48")
59	INLET, TY. A 2'0" W/ TY. 8 G STA. 28+93, 19.5' RT	665.42	662.30 N (12")
60	NOT USED		
# 61	MANHOLE, TY. A 8'0" W/ SPECIAL F.S.T. W/ TY. 11 F&G & TY 1 F&OL STA. 28+20, 15.5' RT	665.51 E 664.40 W	658.14 N (48") 658.00 E (48") 661.48 S (12") 661.02 W (15")
62	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 27+38, 15.5' LT	667.23	664.23 S (12")
63	INLET, TY. B 3'0" W/ F.S.T. W/ TY. 11V F&G STA. 27+93, 15.5' LT	665.88	662.07 N (12") 661.97 S (12")
# 64-R2	MANHOLE, TY. A 8'0" W/ F.S.T. W/ TY. 1 F&CL & 11 F&G W/ RESTRICTOR STA. 28+30, 15.5' LT	665.42 W 665.86 E	661.25 N (12") 657.75 S (30") 657.85 W (48") 655.80 SUMP
65	INLET, TY. A 2'0" W/ TY. 11 F&G STA. 28+45, 15.5' LT	665.34	662.00 S (12")
66	MANHOLE, TY. A 8'0" W/ F.S.T. W/ TY. 11 F&G STA. 28+56, 15.5' LT	665.31	661.89 N (12") 657.49 N (30") 654.08 E (36") 657.52 S (24")
# 67-R3	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 1 F&CL & 11 F&G W/ RESTRICTOR STA. 28+75, 15.5' LT	665.35 W 665.82 E	657.55 N (24") 657.65 S (24") 655.60 SUMP
68	INLET, TY. A 2'0" W/ TY. 8 G STA. 29+80, 18.0' RT	666.05	663.05 S (12")
69	INLET, TY. A 2'0" W/ TY. 8 G STA. 30+50, 21.0' RT	664.75	661.10 E (12")

STORM SEWER STRUCTURE TABLE			
OUTLET 2			
NO	TYPE	TOP ELEV.	INVERTS
70	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 30+50, 15.5' RT	665.00	661.03 N (12") 660.90 E (15") 661.04 W (12")
71	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 30+5, 15.5' LT	665.00	658.00 N (24") 658.73 S (24") 660.60 W (15")
72	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11 F&G STA. 31+00, 15.5' LT	664.46	658.96 N (18") 660.53 S (12") 659.06 W (15")
73	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11 F&G STA. 31+16, 15.5' LT	664.42	660.68 N (18") 660.82 S (12")
74	INLET, TY. A 2'0" W/ TY. 11 F&G STA. 31+30, 15.5' LT	664.44	661.34 N (12") 661.38 S (12")
75	INLET, TY. A 2'0" W/ TY. 11 F&G STA. 31+45, 15.5' LT	664.52	661.52 N (12")
76	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11 F&G STA. 31+00, 15.5' RT	664.46	659.36 E (15") 659.67 S (15")
77	INLET, TY. B 3'0" W/ F.S.T. W/ TY. 11 F&G STA. 31+16, 15.5' RT	664.42	659.82 N (15") 659.91 S (15")
78	INLET, TY. B 3'0" W/ F.S.T. W/ TY. 11 F&G STA. 31+30, 15.5' RT	664.44	660.04 N (15") 660.13 S (15")
79	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11 F&G STA. 31+45, 15.5' RT	664.52	660.27 N (15") 660.36 S (12") 660.66 SW (12")
80	INLET, TY. B 3'0" W/ F.S.T. W/ TY. 1 F&OL STA. 31+55, 35.0' RT	665.50	661.08 NE (12") 661.20 S (12")
81	INLET, TY. A 2'0" W/ TY. 8 G STA. 31+80, 35.0' RT	664.90	661.68 N (12")
82	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 32+16, 15.5' RT	665.73	661.06 N (12") 662.13 E (12")
83	INLET, TY. A 2'0" W/ TY. 8 G STA. 32+16, 15.5' LT	665.73	662.73 W (12")
84	INLET, TY. A 2'0" W/ R-3205 G STA. 28+56, 15.5' LT	665.31	661.84 N (12") 661.94 S (12")

# SEE MANHOLE DETAILS SHEET 81 TO 83

STORM SEWER SCHEDULE				
OUTLET 2				
SEGMENT	DIA.	TYPE	LF	SLOPE
*SS-50	12"	SS TY 1 X	100 LF @	3.0%
SS-51	12"	SS TY 1 X	30 LF @	2.0%
SS-52	12"	SS TY 1 X	44 LF @	2.0%
*SS-53	12"	SS TY 1 X	40 LF @	2.0%
SS-54	12"	SS TY 1 X	30 LF @	2.0%
SS-55	15"	SS TY 1 X	85 LF @	2.6%
*SS-56	12"	SS TY 1 X	31 LF @	2.0%
SS-57	12"	SS TY 1 X	24 LF @	VAR
SS-58				NOT USED
*SS-59	15"	SS TY 2 X	72 LF @	4.5%
SS-60	15"	SS TY 2 X	42 LF @	5.0%
*SS-61	12"	SS TY 1 X	30 LF @	1.0%
*SS-62	12"	SS TY 1 X	4 LF @	2.0%
*SS-63	15"	SS TY 1 X	41 LF @	4.2%
SS-64	18"	SS TY 2 X	40 LF @	2.5%
SS-65	48"	SS TY 2 X	52 LF @	0.5%
*SS-66	12"	SS TY 1 X	72 LF @	1.0%
SS-67				NOT USED
*SS-68	48"	SS TY 2 X	30 LF @	0.5%
SS-69	12"	SS TY 1 X	54 LF @	4.0%
*SS-70	12"	SS TY 2 X	36 LF @	2.0%
SS-71	30"	SS TY 2 X	26 LF @	1.0%
SS-72	12"	SS TY 1 X	11 LF @	1.0%
SS-73	36"	SS TY 2 X	34 LF @	0.2%
SS-74	24"	SS TY 2 X	17 LF @	0.2%
SS-75	24"	SS TY 2 X	176 LF @	0.2%
SS-76	12"	SS TY 1 X	72 LF @	2.8%
SS-77	12"	SS TY 1 X	3 LF @	2.0%
SS-78	15"	SS TY 2 X	30 LF @	1.0%
SS-79	18"	SS TY 2 X	47 LF @	0.5%
SS-80	12"	SS TY 1 X	15 LF @	1.0%
SS-81	12"	SS TY 1 X	13 LF @	4.0%
SS-82	12"	SS TY 1 X	14 LF @	1.0%
SS-83	15"	SS TY 2 X	30 LF @	1.0%
SS-84	15"	SS TY 2 X	15 LF @	1.0%
SS-85	15"	SS TY 2 X	13 LF @	1.0%
*SS-86	15"	SS TY 2 X	14 LF @	1.0%
SS-87	12"	SS TY 2 X	21 LF @	2.0%
SS-88	12"	SS TY 2 X	70 LF @	1.0%
SS-89	12"	SS TY 2 X	24 LF @	2.0%
SS-90	12"	SS TY 1 X	30 LF @	2.0%
SS-91	12"	SS TY 1 X	36 LF @	1.0%
* SEE GRADING NOTE 1.				TOTAL

### GRADING NOTES

- ALL STORM SEWER PIPE SHALL BE CLASS B PIPE. STORM SEWERS TAGGED WITH AN ASTERISK (\*) SHALL BE WATER MAIN QUALITY PIPE. SEE SPECIAL PROVISIONS.
- TOP ELEVATION IN STORM SEWER TABLE IS DEFINED AS FOLLOWS:  
 TY. 1 F&CL: AT TOP OF LID  
 TY. 1 F&OL: AT TOP OF LID  
 TY. 11 F&G: AT EDGE OF PAVEMENT  
 TY. 11V F&G: AT EDGE OF PAVEMENT  
 TY. 8 G: AT TOP OF BEEHIVE  
 TY. 10 G: AT EDGE OF PAVEMENT
- STATION AND OFFSET IS DEFINED AS:  
 TY. 1 F&CL: CENTER OF STRUCTURE  
 TY. 1 F&OL: CENTER OF LID  
 TY. 11 F&G: AT FLOWLINE OF CURB AND GUTTER  
 TY. 11V F&G: AT FLOWLINE OF CURB AND GUTTER  
 TY. 8 G: CENTER OF GRATE  
 TY. 10 G: AT FLOWLINE OF CURB AND GUTTER
- MANHOLES WITH GRATES SHALL HAVE A MINIMUM 8" GROUND COVER BETWEEN GRATE AND FLAT SLAB TOP.

MODEL: Default  
 FILE: MainE\_Plan.dwg  
 CHARLOTTE: Douglas Street - 3120955\CAD\_Sheets\sh-drain-sch.dwg

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USER NAME = Sta42	DESIGNED - TLW	REVISED -
TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/15/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE SCHEDULES**

SCALE: 40.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	72
				CONTRACT NO. 95958
		ILLINOIS	FED. AID PROJECT	

STORM SEWER STRUCTURE TABLE			
OUTLET 3			
NO	TYPE	TOP ELEV.	INVERTS
90	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 34+40, 15.5' LT	665.73	662.73 W (12")
91	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 34+40, 15.5' RT	665.73	662.13 E (12") 661.73 S (12")
92	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 35+70, 15.5' LT	659.02	656.02 W (12")
93	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 35+70, 15.5' RT	659.02	655.23 N (12") 655.12 E (12") 654.82 S (12")
94	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 37+00, 15.5' LT	648.82	645.82 W (12")
95	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 37+00, 15.5' RT	648.82	645.07 N (12") 645.07 E (12") 643.92 S (15")
96	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 37+38, 15.5' LT	645.80	642.30 W (12")
97	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 1 F&OL STA. 37+38, 23' RT	644.94	640.88 N (15") 641.16 E (12") 640.74 S (15")
98	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 37+90, 15.5' LT	641.66	638.16 W (12")
99	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 1 F&OL STA. 37+90, 23' RT	640.84	636.58 N (15") 637.02 E (12") 636.24 S (18")
100	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 38+35, 15.5' LT	638.09	634.59 S (12")
101	INLET, TY. B 3'0" W/ F.S.T. W/ TY. 8 G STA. 38+45, 15.5' LT	637.29	633.84 N (12") 633.69 W (12")
102	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 1 F&OL STA. 38+45, 23' RT	636.47	632.12 N (18") 632.70 E (12") 632.02 S (12")
103	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 39+15, 15.5' LT	632.17	628.92 W (12")
104	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 39+15, 15.5' RT	632.17	627.47 N (18") 628.32 E (12") 627.12 S (24")
105	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 40+00, 15.5' LT	627.21	623.46 S (12")
106	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 40+15, 15.5' RT	626.48	621.62 N (24") 621.53 E (24")
107	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11V F&G STA. 40+15, 15.5' LT	626.48	622.56 N (12") 621.13 S (24") 621.23 W (24")
108	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 40+60, 15.5' LT	624.55	619.56 N (24") 619.45 S (24")
109	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 40+75, 15.5' LT	623.99	619.10 N (24") 618.94 S (24")
110	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 41+40, 15.5' RT	622.04	618.64 E (12")
111	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11V F&G STA. 41+40, 15.5' LT	622.04	617.02 N (24") 616.94 S (24") 618.04 W (12")
112	MANHOLE, TY. A 4'0" W/ F.S.T. W/ TY. 11V F&G STA. 42+15, 15.5' LT	620.05	615.07 N (24") 614.95 S (24")
113	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 42+60, 15.5' RT	618.91	615.51 E (12")
114	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11V F&G STA. 42+60, 15.5' LT	618.91	613.83 N (24") 613.71 S (24") 614.91 W (12")
115	INLET, TY. A 2'0" W/ TY. 11V F&G STA. 43+40, 15.5' RT	617.35	613.85 E (12")

STORM SEWER STRUCTURE TABLE			
OUTLET 3			
NO	TYPE	TOP ELEV.	INVERTS
116	MANHOLE, TY. A 5'0" W/ F.S.T. W/ TY. 11V F&G STA. 43+40, 15.5' LT	617.35	611.71 N (24") 610.35 S (36") 613.25 W (12")
117	NOT USED		
118	MANHOLE, TY. A 6'0" W/ F.S.T. W/ TY. 11V F&G STA. 44+10, 15.5' LT	616.65	610.21 N (36") 610.12 S (36")
119	NOT USED		
120	NOT USED		
121	NOT USED		
122	NOT USED		
123	NOT USED		
124	NOT USED		
# 125-R4	MANHOLE, TY. A 6'0" W/ F.S.T. W/ 2 TY. 1 F&CL W/ RESTRICTOR STA. 45+25, 15.5' LT	616.02 W 616.02 E	609.55 N (36") 609.47 S (30") 607.47 SUMP
126	INLET, TY. A 2'0" W/ TY. 8 G STA. 45+50, 27' LT	612.29	609.25 W (15")
127	NOT USED		
128	MANHOLE, TY. A 7'0" W/ F.S.T. W/ TY. 1 F&OL STA. 45+50, 15.5' LT	615.74	609.42 N (30") 609.00 S (30") 609.10 W (18")EX

# SEE MANHOLE DETAILS SHEET 81 TO 83

STORM SEWER SCHEDULE				
OUTLET 3				
SEGMENT	DIA.	TYPE	LF	SLOPE
SS-100	NOT USED			
SS-101	12"	SS TY 1 X	30 LF @	2.0%
*SS-102	12"	SS TY 2 X	130 LF @	5.0%
*SS-103	12"	SS TY 1 X	30 LF @	3.0%
*SS-104	12"	SS TY 2 X	130 LF @	7.5%
SS-105	12"	SS TY 1 X	30 LF @	2.5%
SS-106	15"	SS TY 2 X	38 LF @	8.0%
SS-107	12"	SS TY 1 X	38 LF @	3.0%
SS-108	15"	SS TY 2 X	52 LF @	8.0%
SS-109	12"	SS TY 1 X	38 LF @	3.0%
SS-110	18"	SS TY 2 X	55 LF @	7.5%
SS-111	12"	SS TY 1 X	10 LF @	7.5%
SS-112	12"	SS TY 1 X	38 LF @	2.6%
SS-113	18"	SS TY 2 X	70 LF @	6.5%
SS-114	12"	SS TY 1 X	30 LF @	2.0%
SS-115	24"	SS TY 2 X	100 LF @	5.5%
SS-116	12"	SS TY 1 X	15 LF @	6.0%
SS-117	24"	SS TY 2 X	30 LF @	1.0%
SS-118	24"	SS TY 2 X	45 LF @	3.5%
SS-119	24"	SS TY 2 X	14 LF @	2.5%
SS-120	24"	SS TY 2 X	64 LF @	3.0%
SS-121	12"	SS TY 2 X	30 LF @	2.0%
SS-122	24"	SS TY 2 X	75 LF @	2.5%
SS-123	24"	SS TY 2 X	45 LF @	2.5%
SS-124	12"	SS TY 2 X	30 LF @	2.0%
SS-125	24"	SS TY 2 X	80 LF @	2.5%
SS-126	12"	SS TY 2 X	30 LF @	2.0%
SS-127	36"	SS TY 2 X	70 LF @	0.2%
SS-128	NOT USED			
SS-129	36"	SS TY 2 X	114 LF @	0.5%
SS-130	NOT USED			
SS-131	NOT USED			
SS-132	NOT USED			
SS-133	NOT USED			
SS-134	NOT USED			
SS-135	NOT USED			
SS-136	30"	SS TY 2 X	25 LF @	0.2%
SS-137	15"	SS TY 2 X	11 LF @	0.5%
SS-138	NOT USED			
SS-139	30"	SS TY 2 X	27 LF @	0.2%
* SEE GRADING NOTE 1.				TOTAL

### GRADING NOTES

- ALL STORM SEWER PIPE SHALL BE CLASS B PIPE. STORM SEWERS TAGGED WITH AN ASTERISK (\*) SHALL BE WATER MAIN QUALITY PIPE. SEE SPECIAL PROVISIONS.
- TOP ELEVATION IN STORM SEWER TABLE IS DEFINED AS FOLLOWS:  
 TY. 1 F&CL: AT TOP OF LID  
 TY. 1 F&OL: AT TOP OF LID  
 TY. 11 F&G: AT EDGE OF PAVEMENT  
 TY. 11V F&G: AT EDGE OF PAVEMENT  
 TY. 8 G: AT TOP OF BEEHIVE  
 TY. 10 G: AT EDGE OF PAVEMENT
- STATION AND OFFSET IS DEFINED AS:  
 TY. 1 F&CL: CENTER OF STRUCTURE  
 TY. 1 F&OL: CENTER OF LID  
 TY. 11 F&G: AT FLOWLINE OF CURB AND GUTTER  
 TY. 11V F&G: AT FLOWLINE OF CURB AND GUTTER  
 TY. 8 G: CENTER OF GRATE  
 TY. 10 G: AT FLOWLINE OF CURB AND GUTTER
- MANHOLES WITH GRATES SHALL HAVE A MINIMUM 8" GROUND COVER BETWEEN GRATE AND FLAT SLAB TOP.

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USER NAME = Sta42	DESIGNED - TLW	REVISED -
TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/15/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

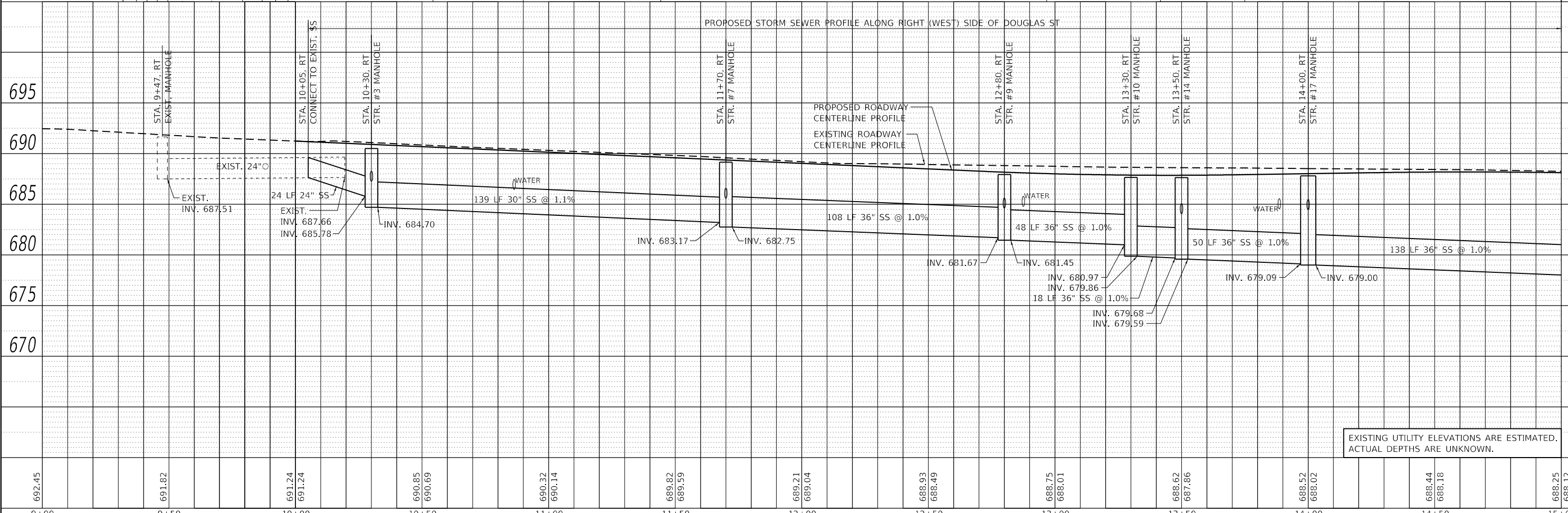
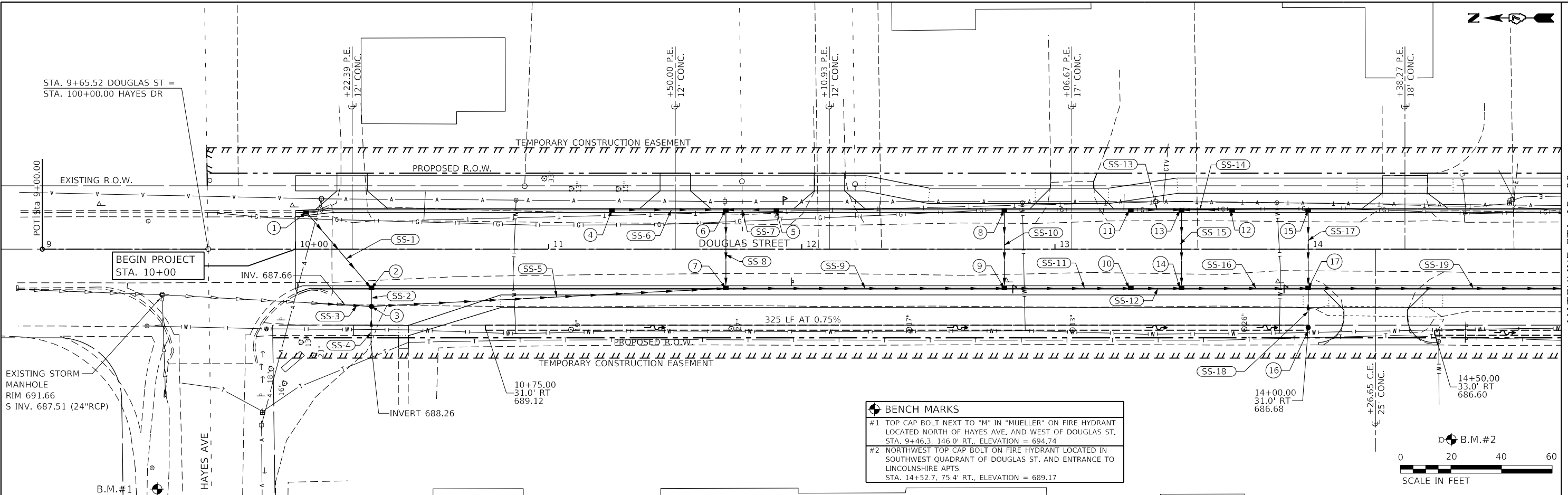
**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE SCHEDULES**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	73
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTARIS CHD	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTARIS CHD	
	NOTE BOOK	
	NO.	



692.45	691.82	691.24	691.24	690.85	690.69	690.32	690.14	689.82	689.59	689.21	689.04	688.93	688.49	688.75	688.01	688.62	687.86	688.52	688.02	688.44	688.18	688.25	688.12	
9+00	9+50	10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00												

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USER NAME = Sta42  
 TUG PROJECT NO. 3120055  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 4/10/2024

DESIGNED - TLW  
 DRAWN -  
 CHECKED - SJF  
 DATE - 11/30/23

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

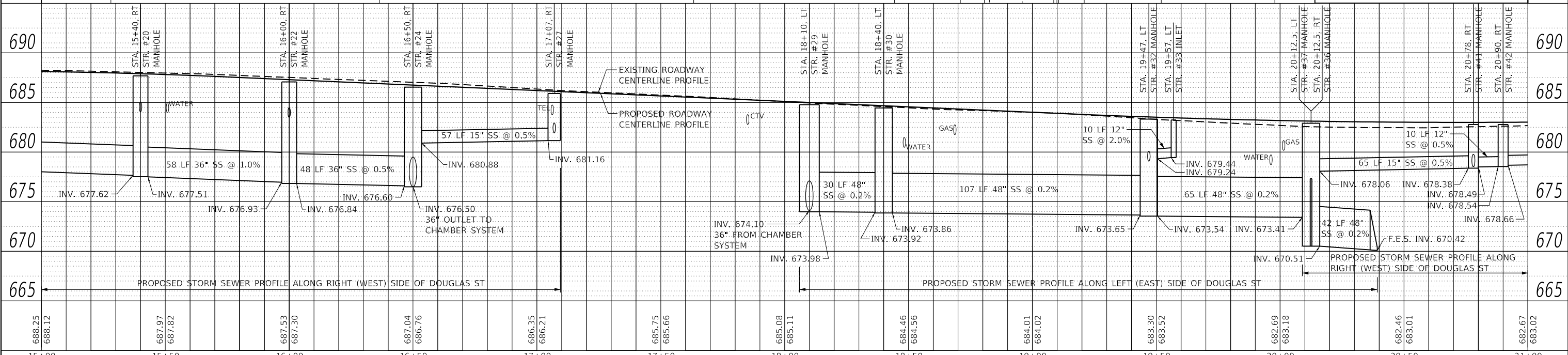
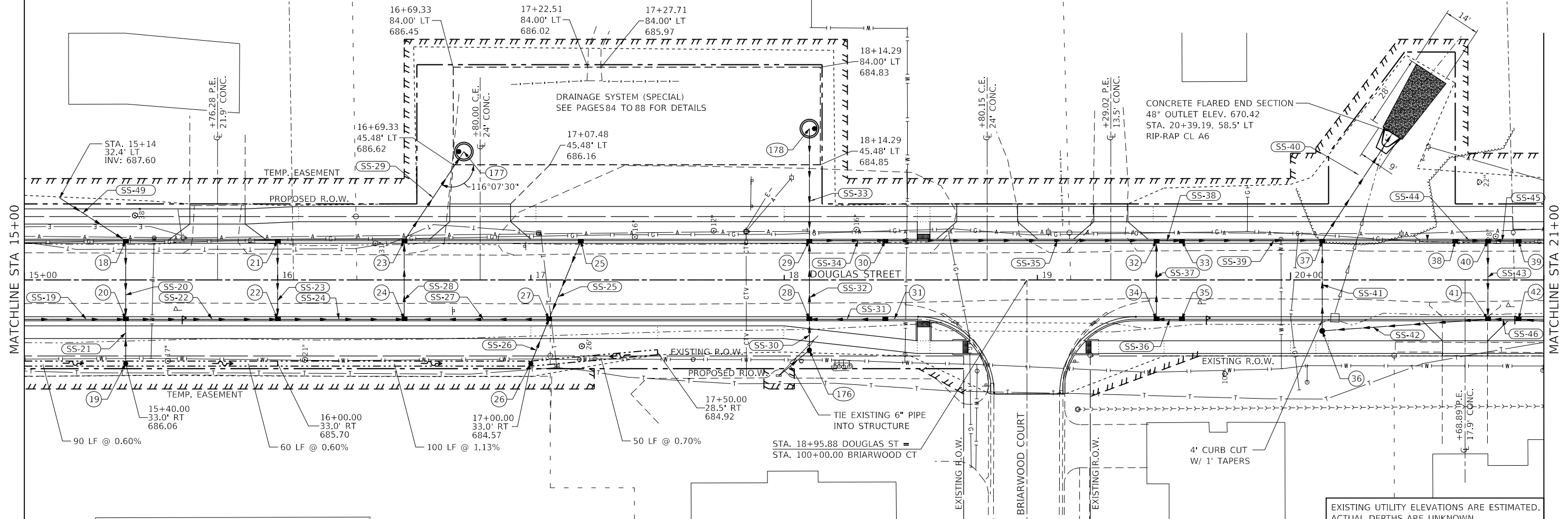
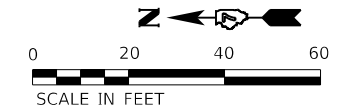
**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE PLAN AND PROFILE**  
 SCALE: 40.0000' / in SHEET 1 OF 7 SHEETS STA. 9+00 TO STA. 15+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	74
ILLINOIS FED. AID PROJECT			CONTRACT NO. 95958	

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
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	CHECKED
	NO. _____
	FILE NAME
	NO. _____

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES
	CHECKED
	NO. _____
	FILE NAME
	NO. _____

**BENCH MARKS**  
 #3 TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT  
 LOCATED JUST NORTH OF WATER TOWER.  
 STA. 18+10.8, 128.6' LT., ELEVATION = 687.49



EXISTING UTILITY ELEVATIONS ARE ESTIMATED.  
 ACTUAL DEPTHS ARE UNKNOWN.

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USER NAME	= Sta42
TUG PROJECT NO.	3120055
PLOT SCALE	= 40,0000' / in.
PLOT DATE	= 4/15/2024
DESIGNED	- TLW
DRAWN	-
CHECKED	- SJF
DATE	- 11/30/23
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

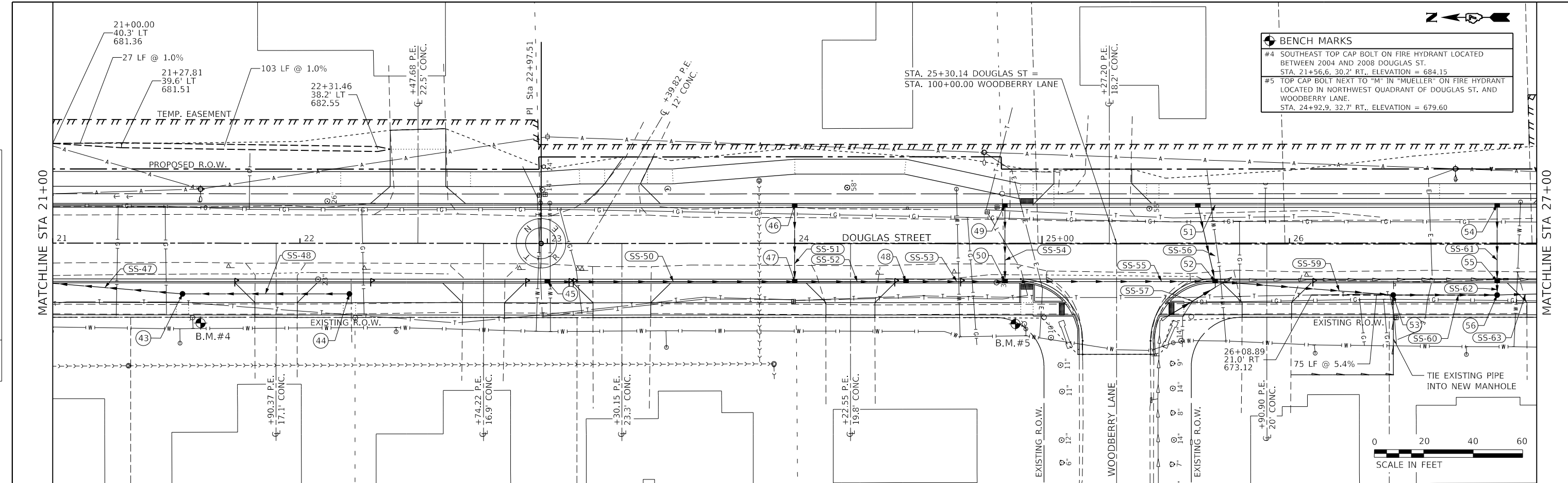
**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE PLAN AND PROFILE**  
 SCALE: 40,0000' / in. SHEET 2 OF 7 SHEETS STA. 15+00 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	75
CONTRACT NO. 95958				
ILLINOIS		FED. AID PROJECT		



DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	NOTE BOOK
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	FILE NAME

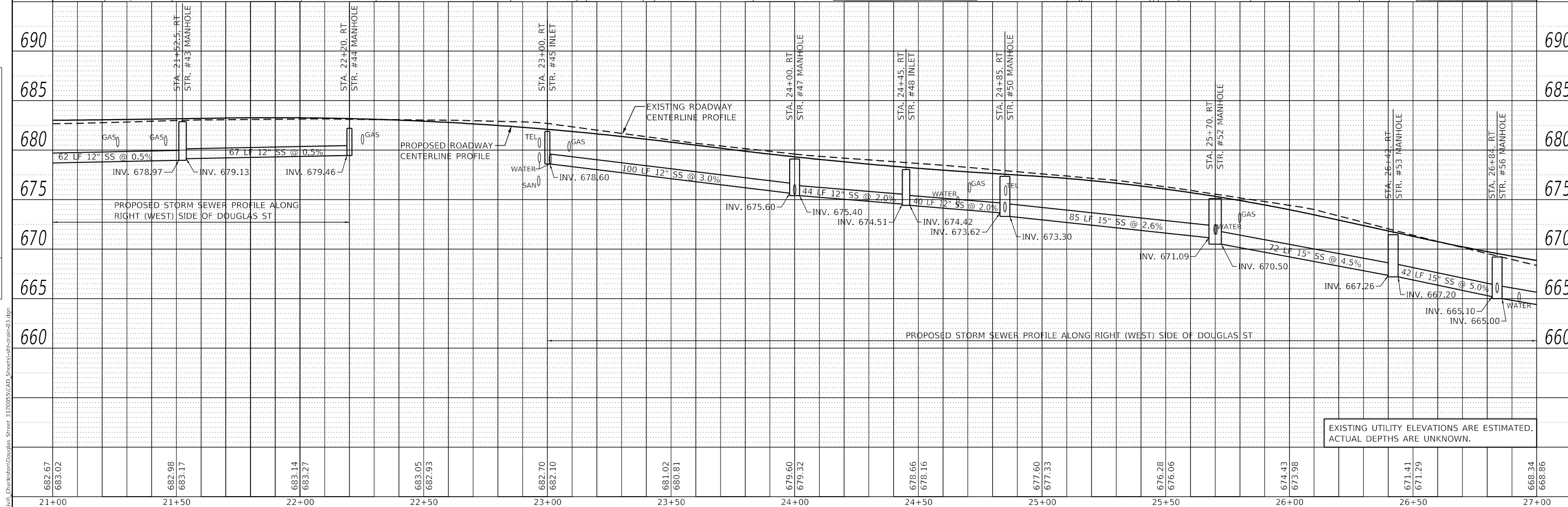
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	NOTE BOOK
	NO.
	FILE NAME



**BENCH MARKS**

#4 SOUTHEAST TOP CAP BOLT ON FIRE HYDRANT LOCATED BETWEEN 2004 AND 2008 DOUGLAS ST. STA. 21+56.6, 30.2' RT., ELEVATION = 684.15

#5 TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED IN NORTHWEST QUADRANT OF DOUGLAS ST. AND WOODBERRY LANE. STA. 24+92.9, 32.7' RT., ELEVATION = 679.60



EXISTING UTILITY ELEVATIONS ARE ESTIMATED. ACTUAL DEPTHS ARE UNKNOWN.

682.67	683.02	682.98	683.17	683.14	683.27	683.05	682.93	682.70	682.10	681.02	680.81	679.60	679.32	678.66	678.16	677.60	677.33	676.28	676.06	674.43	673.98	671.41	671.29	668.34	668.86
21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00													

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 TUG PROJECT NO. 3120055  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 4/10/2024

DESIGNED - TLW  
 DRAWN -  
 CHECKED - SJF  
 DATE - 11/30/23

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

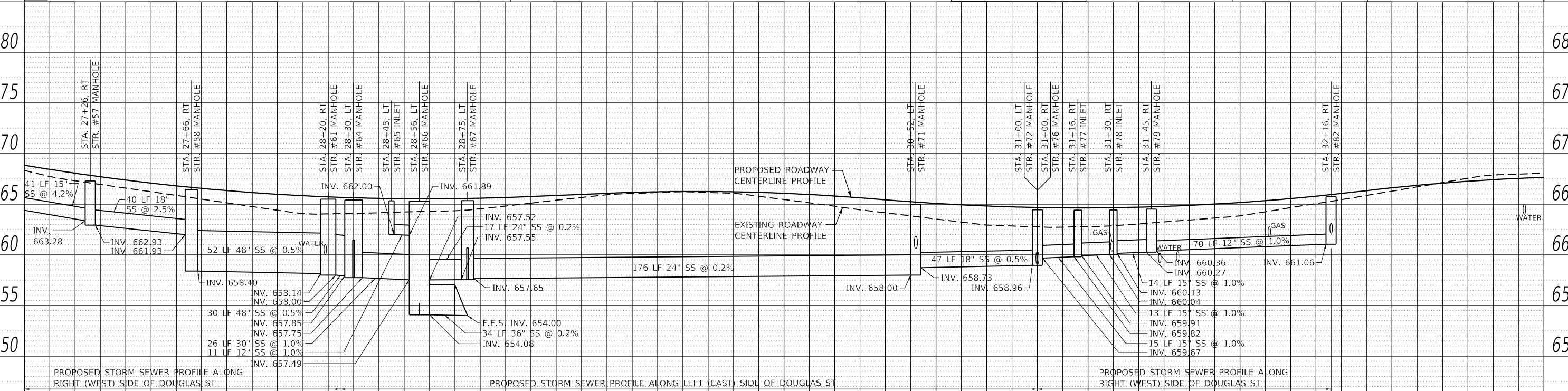
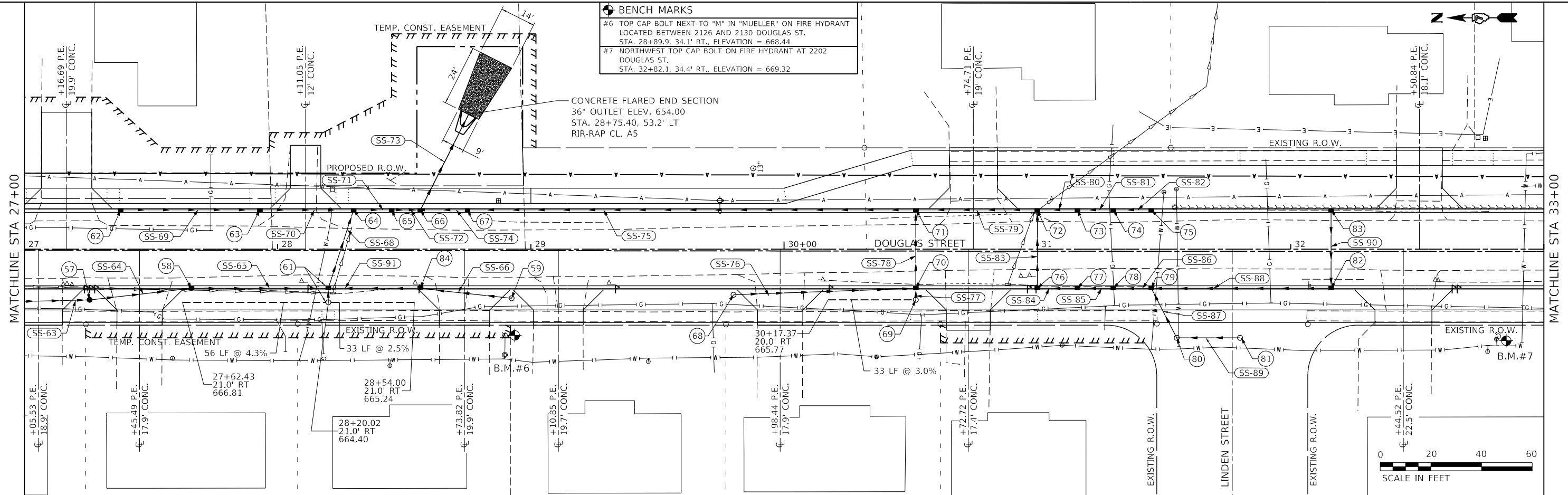
**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE PLAN AND PROFILE**  
 SCALE: 40.0000' / in SHEET 3 OF 7 SHEETS STA. 21+00 TO STA. 27+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	76
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
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	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	DATE	
	BY	
	NO.	

**BENCH MARKS**  
 #6 TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED BETWEEN 2126 AND 2130 DOUGLAS ST. STA. 28+89.9, 34.1' RT., ELEVATION = 668.44  
 #7 NORTHWEST TOP CAP BOLT ON FIRE HYDRANT AT 2202 DOUGLAS ST. STA. 32+82.1, 34.4' RT., ELEVATION = 669.32



EXISTING UTILITY ELEVATIONS ARE ESTIMATED. ACTUAL DEPTHS ARE UNKNOWN.

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 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 4/10/2024

DESIGNED - TLW  
 DRAWN -  
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 DATE - 11/30/23

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

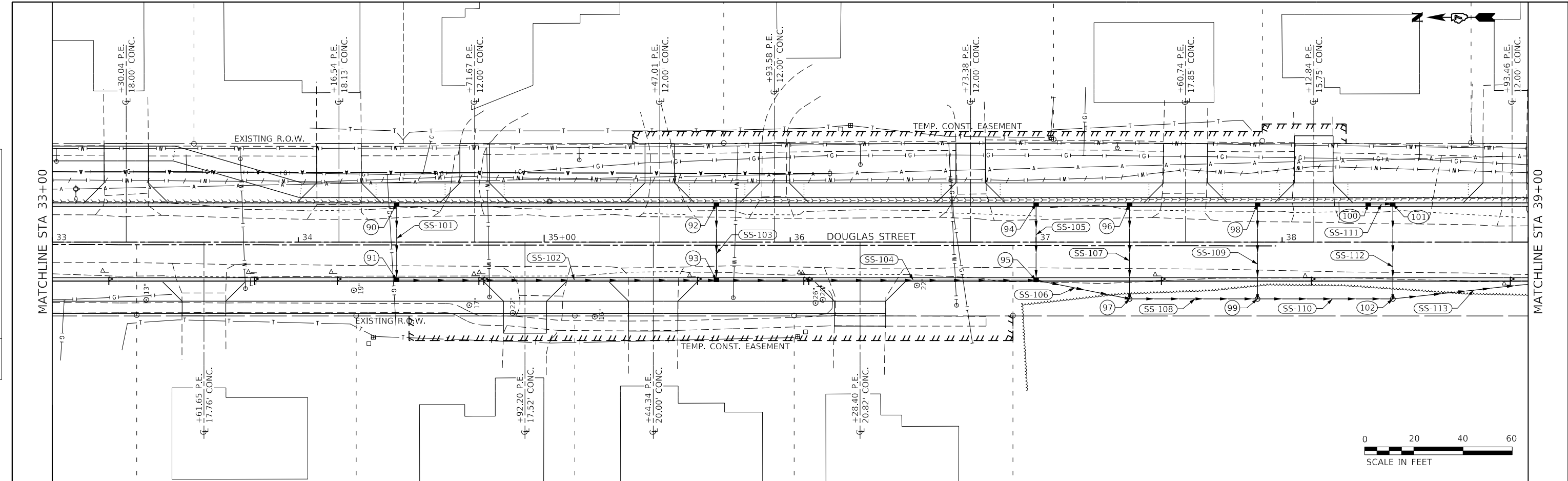
**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE PLAN AND PROFILE**

SCALE: 40.0000' / in. SHEET 4 OF 7 SHEETS STA. 27+00 TO STA. 33+00

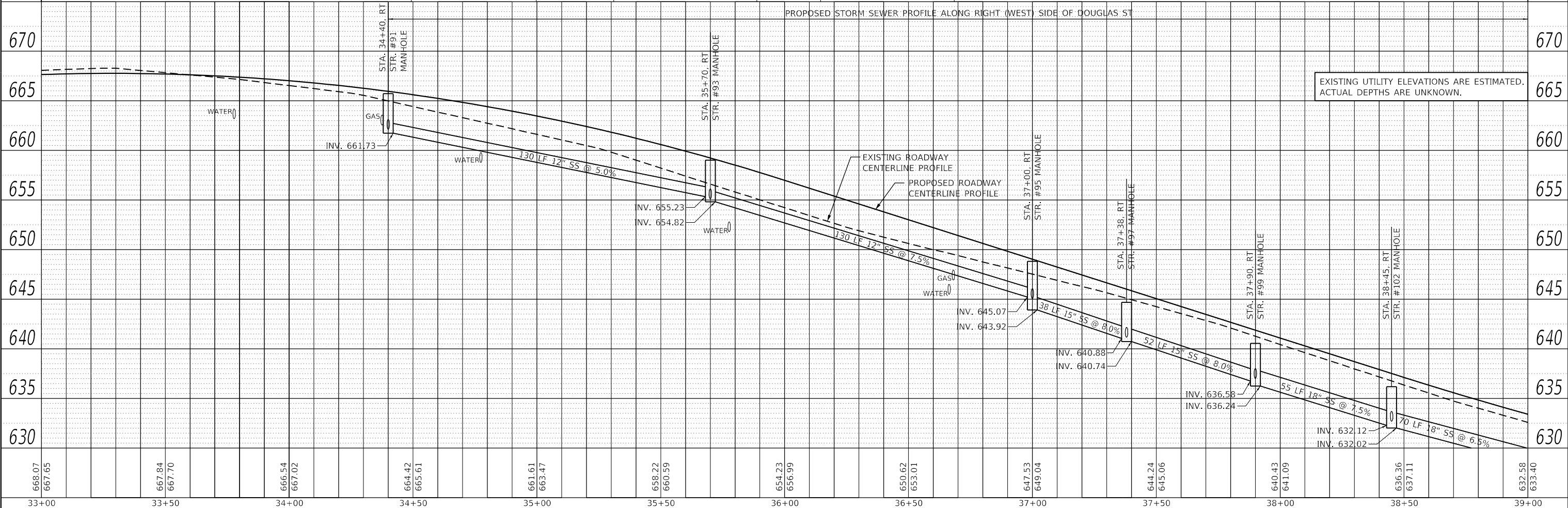
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	77
CONTRACT NO. 95958				
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION	
	NO.	



PROPOSED STORM SEWER PROFILE ALONG RIGHT (WEST) SIDE OF DOUGLAS ST



EXISTING UTILITY ELEVATIONS ARE ESTIMATED.  
ACTUAL DEPTHS ARE UNKNOWN.

668.07	667.65	667.84	667.70	666.54	667.02	664.42	665.61	661.61	663.47	658.22	660.59	654.23	656.99	650.62	653.01	647.53	649.04	644.24	645.06	640.43	641.09	636.36	637.11	632.58	633.40
33+00	33+50	34+00	34+50	35+00	35+50	36+00	36+50	37+00	37+50	38+00	38+50	39+00													

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USER NAME	= Sta42
TUG PROJECT NO.	3120055
PLOT SCALE	= 40.0000' / in.
PLOT DATE	= 4/10/2024

DESIGNED	- TLW
DRAWN	-
CHECKED	- SJF
DATE	- 11/30/23

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REVISED	-
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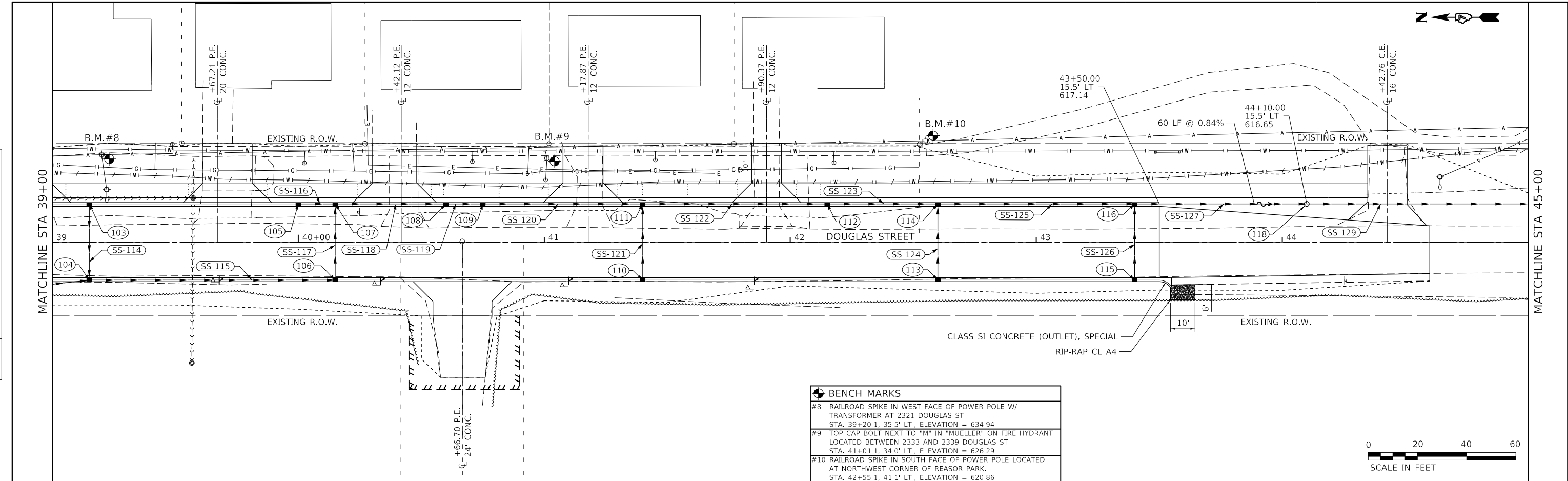
**STATE OF ILLINOIS  
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<b>DOUGLAS STREET RECONSTRUCTION DRAINAGE PLAN AND PROFILE</b>			
SCALE: 40.0000' / in.	SHEET 5	OF 7 SHEETS	STA. 33+00 TO STA. 39+00

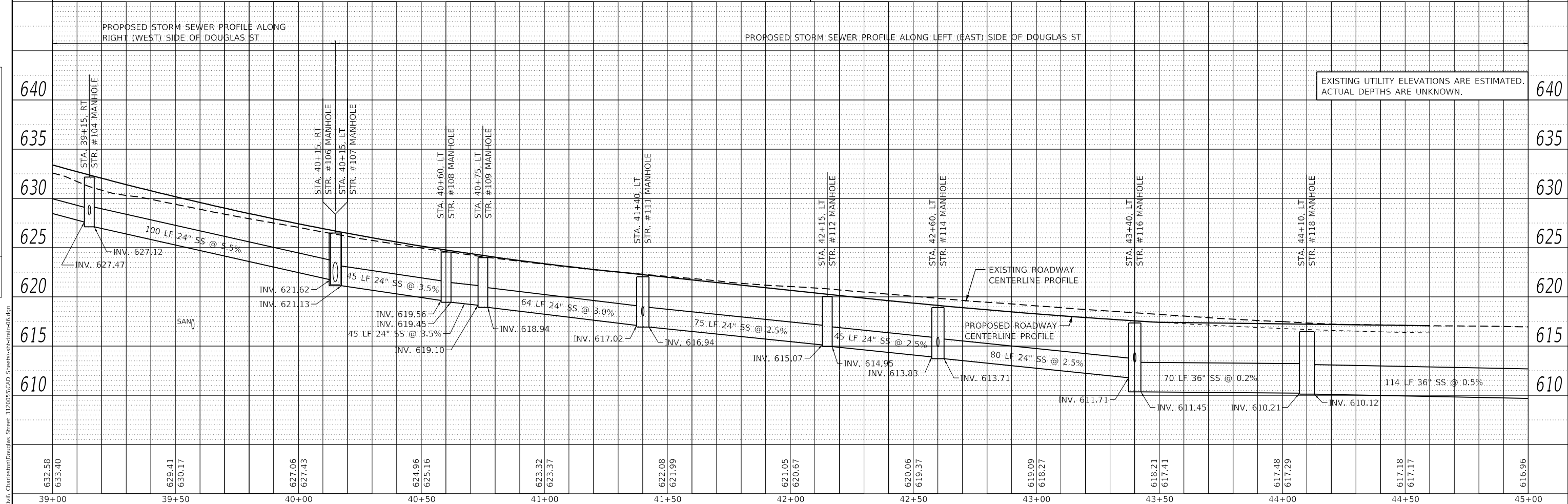
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7640	19-00118-00-WR	COLES	154	78
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATION	
	NO.	



BENCH MARKS	
#8	RAILROAD SPIKE IN WEST FACE OF POWER POLE W/ TRANSFORMER AT 2321 DOUGLAS ST. STA. 39+20.1, 35.5' LT. ELEVATION = 634.94
#9	TOP CAP BOLT NEXT TO "M" IN "MUELLER" ON FIRE HYDRANT LOCATED BETWEEN 2333 AND 2339 DOUGLAS ST. STA. 41+01.1, 34.0' LT. ELEVATION = 626.29
#10	RAILROAD SPIKE IN SOUTH FACE OF POWER POLE LOCATED AT NORTHWEST CORNER OF REASOR PARK. STA. 42+55.1, 41.1' LT. ELEVATION = 620.86



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PLOT DATE	= 4/10/2024
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DRAWN	-
CHECKED	- SJF
DATE	- 11/30/23
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**DEPARTMENT OF TRANSPORTATION**

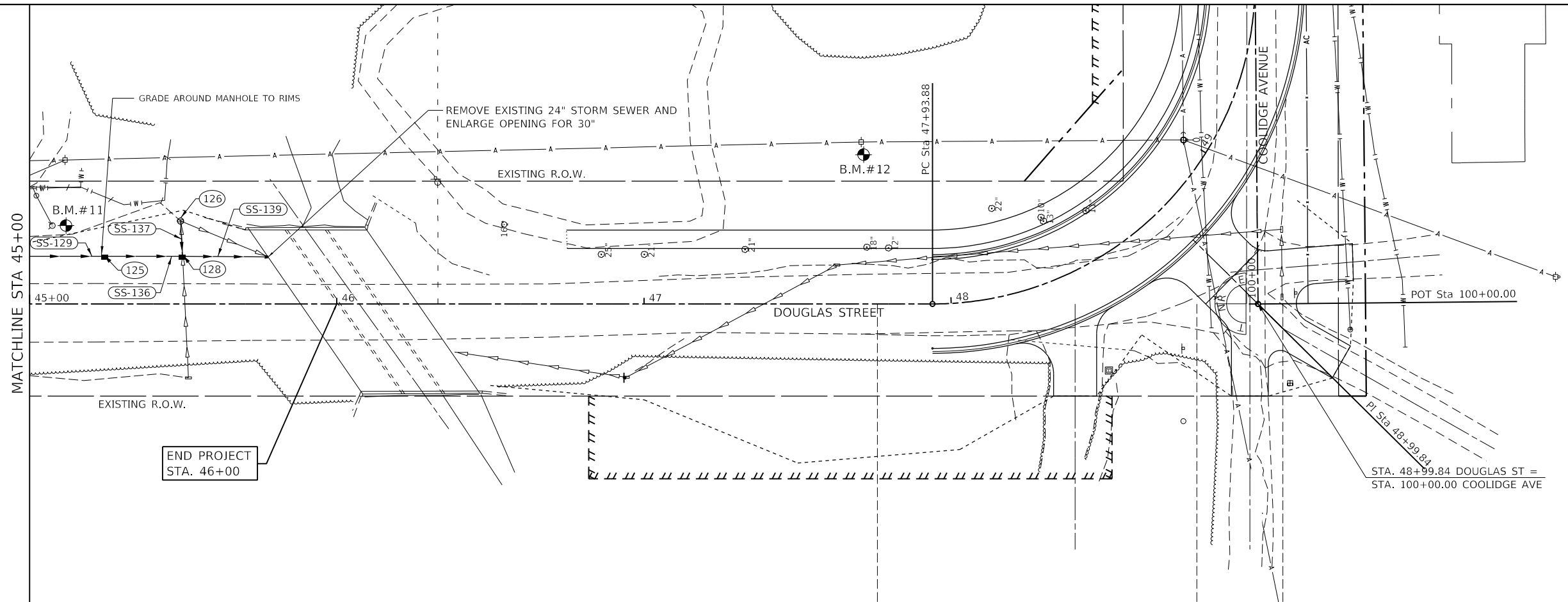
**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE PLAN AND PROFILE**  
 SCALE: 40.0000' / in SHEET 6 OF 7 SHEETS STA. 39+00 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	79
CONTRACT NO. 95958				
ILLINOIS		FED. AID PROJECT		

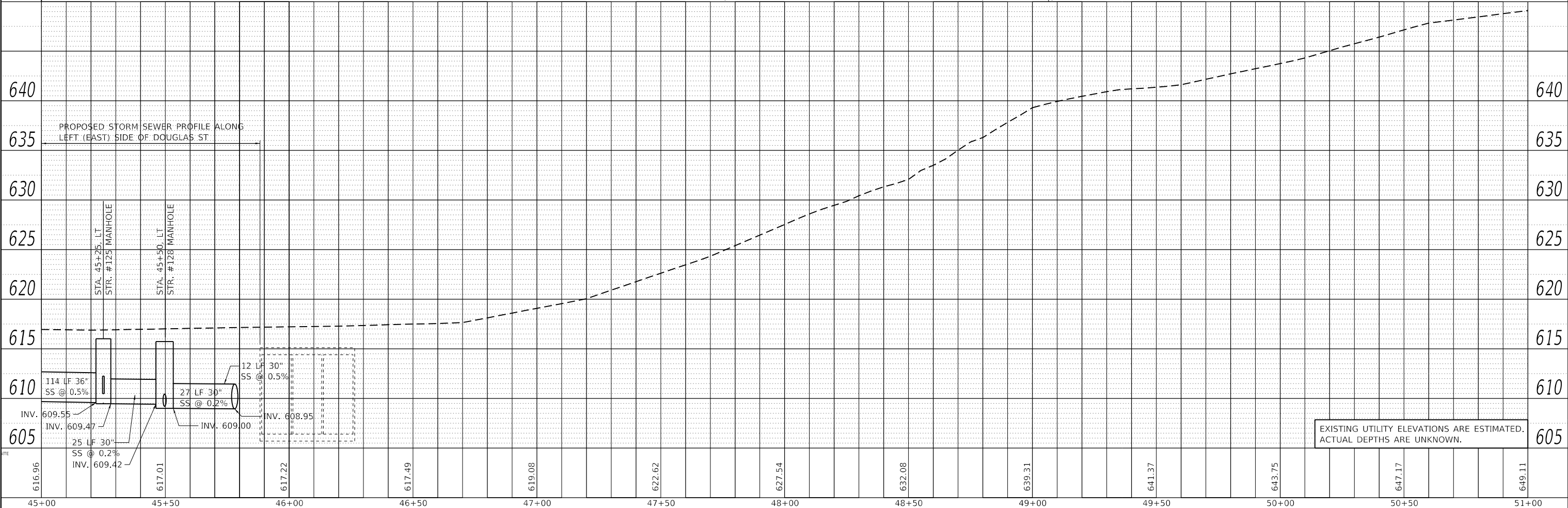
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	

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BENCH MARKS	
#11	SOUTHEAST TOP CAP BOLT ON FIRE HYDRANT LOCATED IN SOUTHEAST QUADRANT OF DOUGLAS ST. AND ENTRANCE TO REASOR PARK. STA. 45+07.4, 25.5' LT., ELEVATION = 616.52
#12	RAILROAD SPIKE IN EAST FACE OF SECOND POWER POLE NORTH OF COOLIDGE AVE. AND EAST OF DOUGLAS ST. STA. 47+70.8, 52.7' LT., ELEVATION = 632.20



EXISTING UTILITY ELEVATIONS ARE ESTIMATED. ACTUAL DEPTHS ARE UNKNOWN.

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TUG PROJECT NO.	3120055
PLOT SCALE	= 40.0000' / in.
PLOT DATE	= 4/10/2024

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DRAWN	-	REVISED	-
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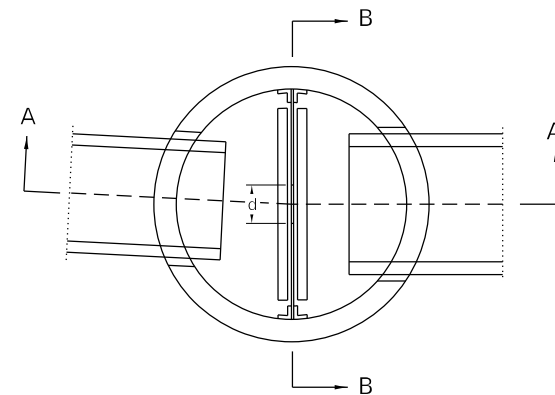
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE PLAN AND PROFILE**  
 SCALE: 40.0000' / in. SHEET 7 OF 7 SHEETS STA. 45+00 TO STA. 48+99.84

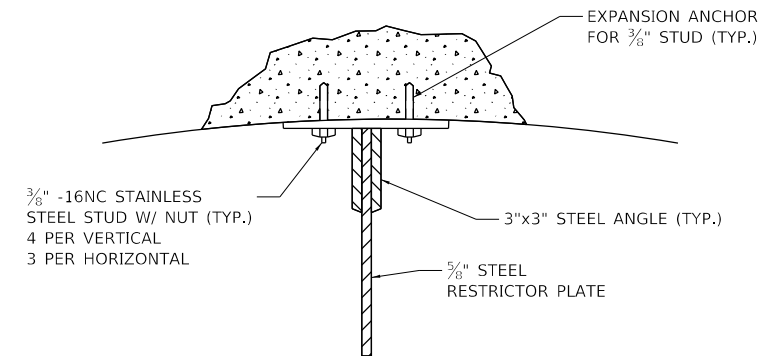
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7640	19-00118-00-WR	COLES	154	80
CONTRACT NO. 95958				
ILLINOIS		FED. AID PROJECT		

**X6020090 MANHOLES WITH RESTRICTOR PLATE**

**SEE NEXT 2 PAGES FOR PIPE LOCATION / ANGLES AND FRAME AND GRATE TYPE / LOCATIONS**

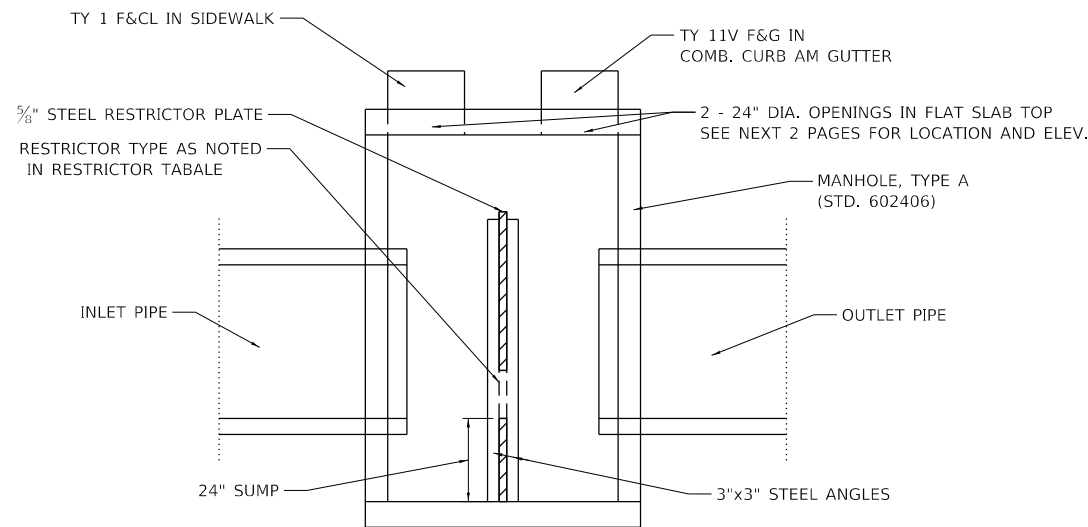


EXAMPLE INSIDE PLAN VIEW

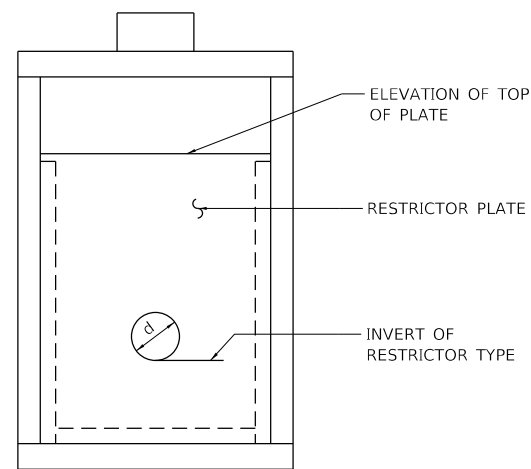


ANGLE FASTENER DETAIL

- NOTES:
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION
  2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
  3. BASIS OF PAYMENT: "MANHOLES, WITH RESTRICTOR PLATE" EACH

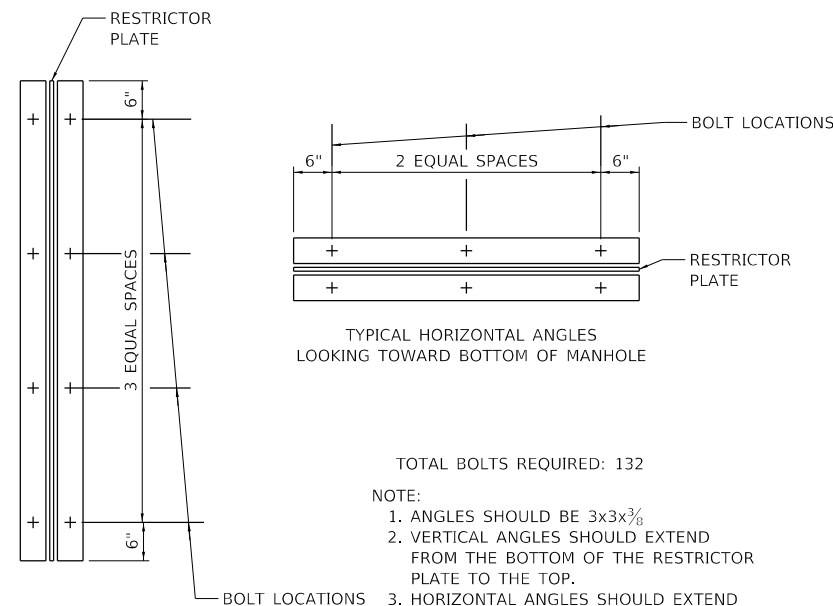


SECTION A-A



SECTION B-B

STRUCTURE NUMBER	STATION	MANHOLE DIAMETER FOOT	RESTRICTOR TYPE	INSIDE RESTRICTOR DIAMETER INCH (d)	INVERT OF RESTRICTOR	ELEVATION OF TOP OF PLATE OVERFLOW
37-R1	20+12.50	8'	1	24"	672.98	679.02
64-R2	28+30	7'	1	14.5"	657.80	661.30
67-R3	28+75	5'	1	10.5"	657.60	660.62
125-R4	45+25	6'	1	17"	609.47	612.29



TYPICAL VERTICAL ANGLES  
LOOKING TOWARD MANHOLE WALL

TYPICAL HORIZONTAL ANGLES  
LOOKING TOWARD BOTTOM OF MANHOLE

- TOTAL BOLTS REQUIRED: 132
- NOTE:
1. ANGLES SHOULD BE 3x3x3/8
  2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
  3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE	
1	2
SHARP EDGED	SQUARE EDGED
C=0.61	C=0.61

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

MODEL: Default; FILE: Manhole\_Plan.dwg; Character: Douglas Street - 31200955; CAD: Sheets; Sheet: 1 of 3; Date: 4/10/2024

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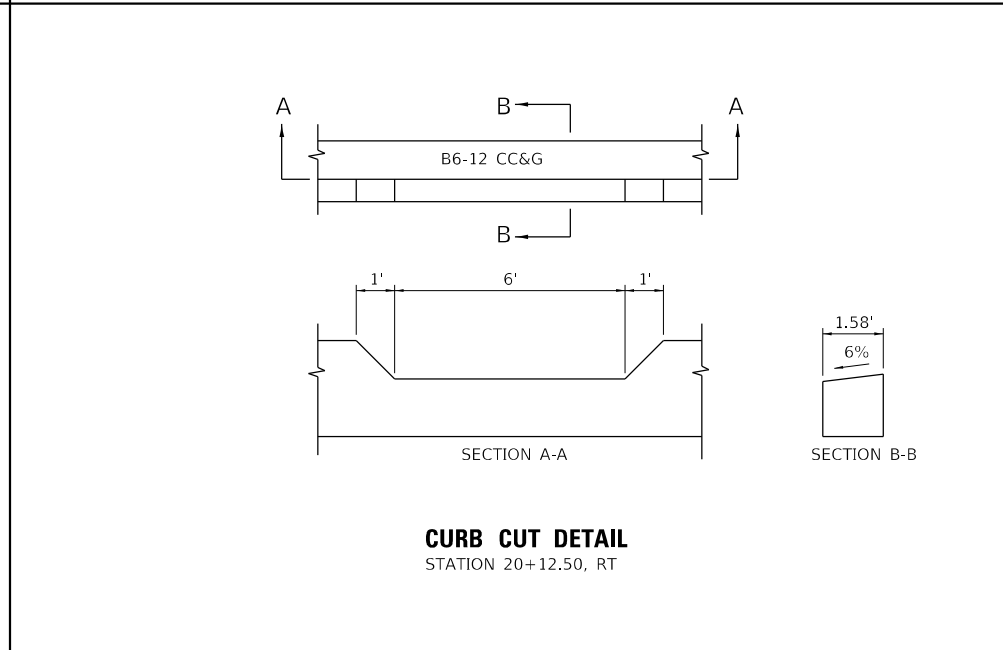
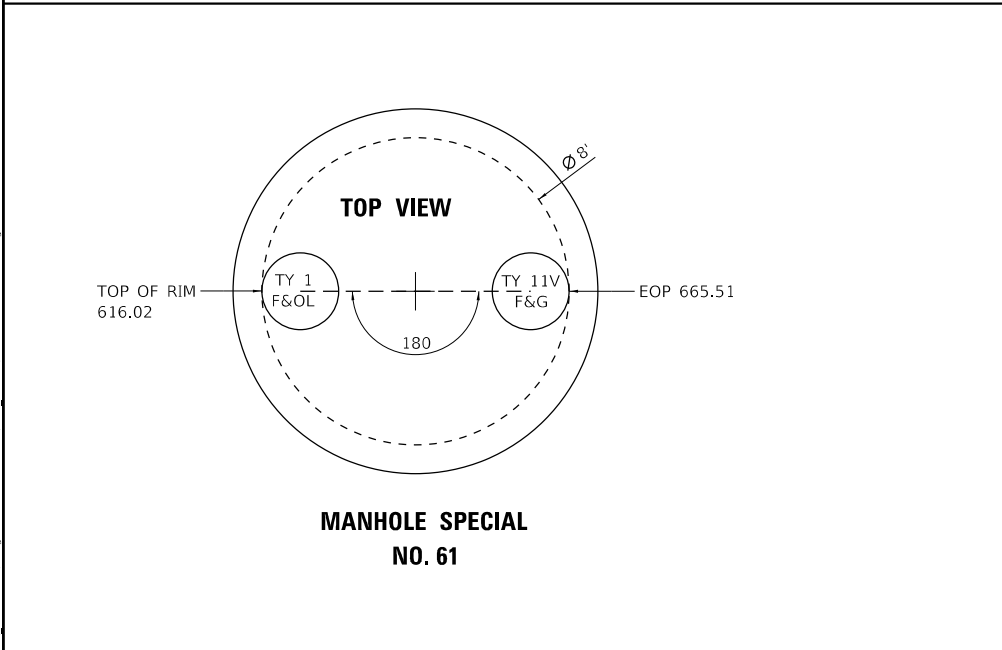
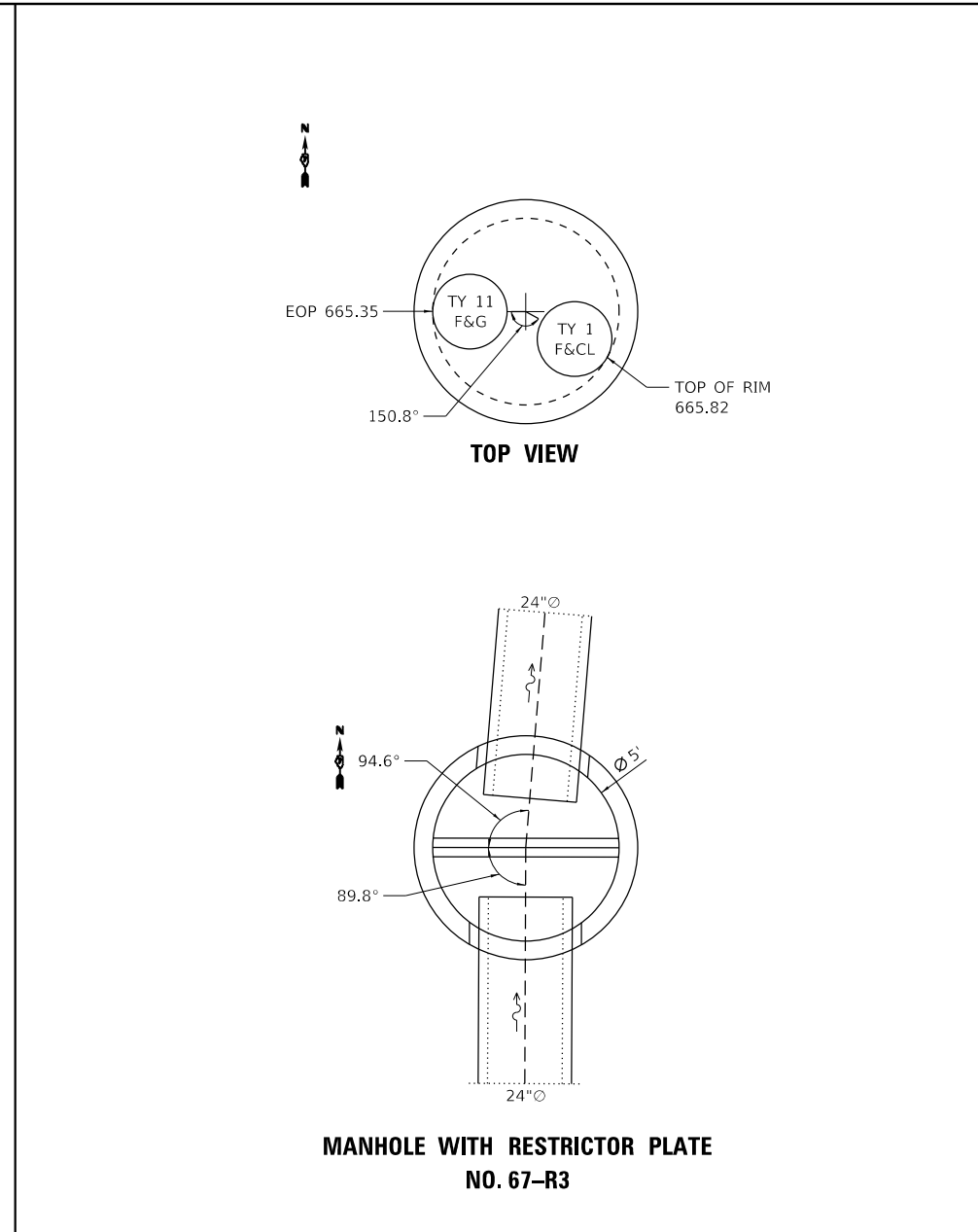
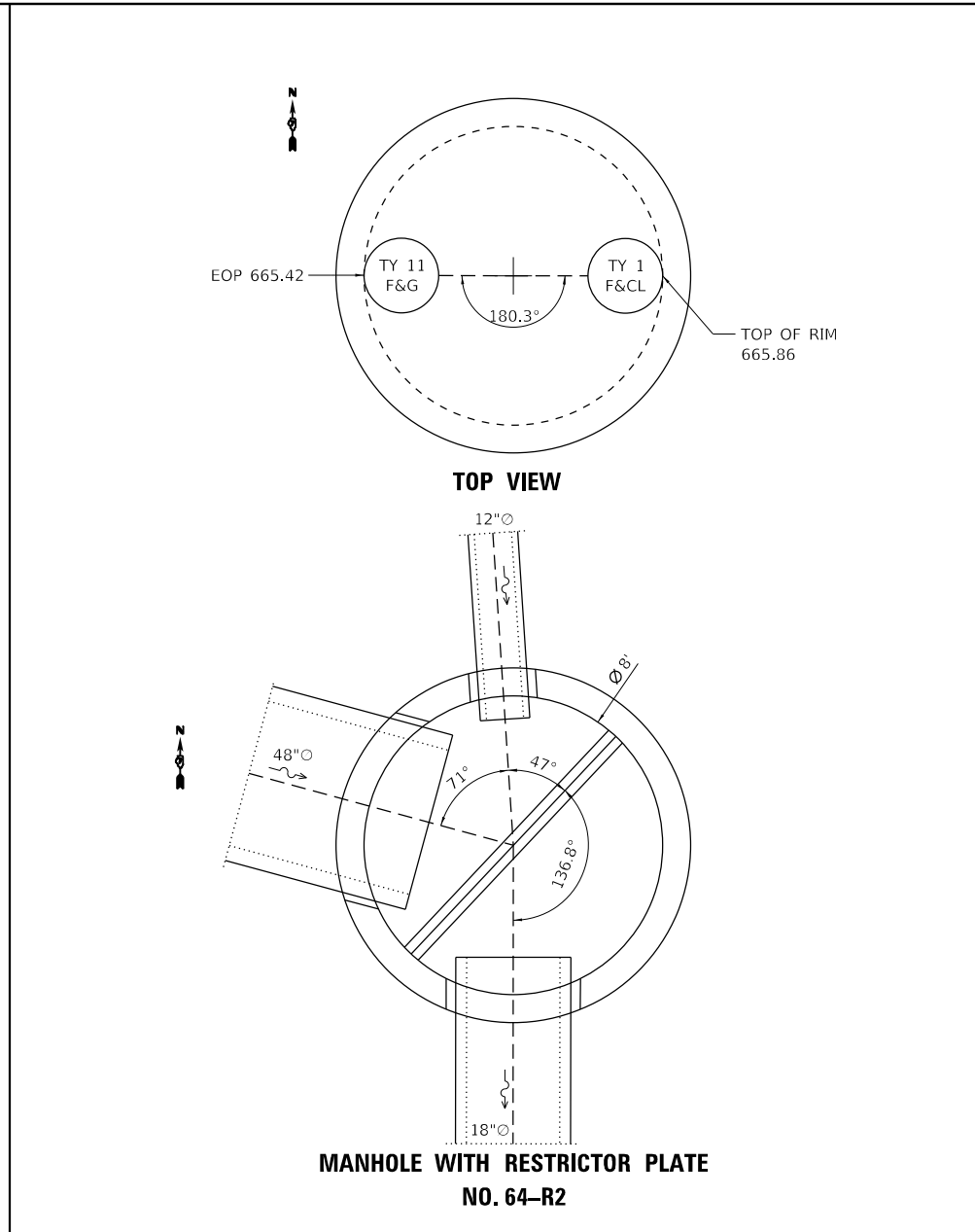
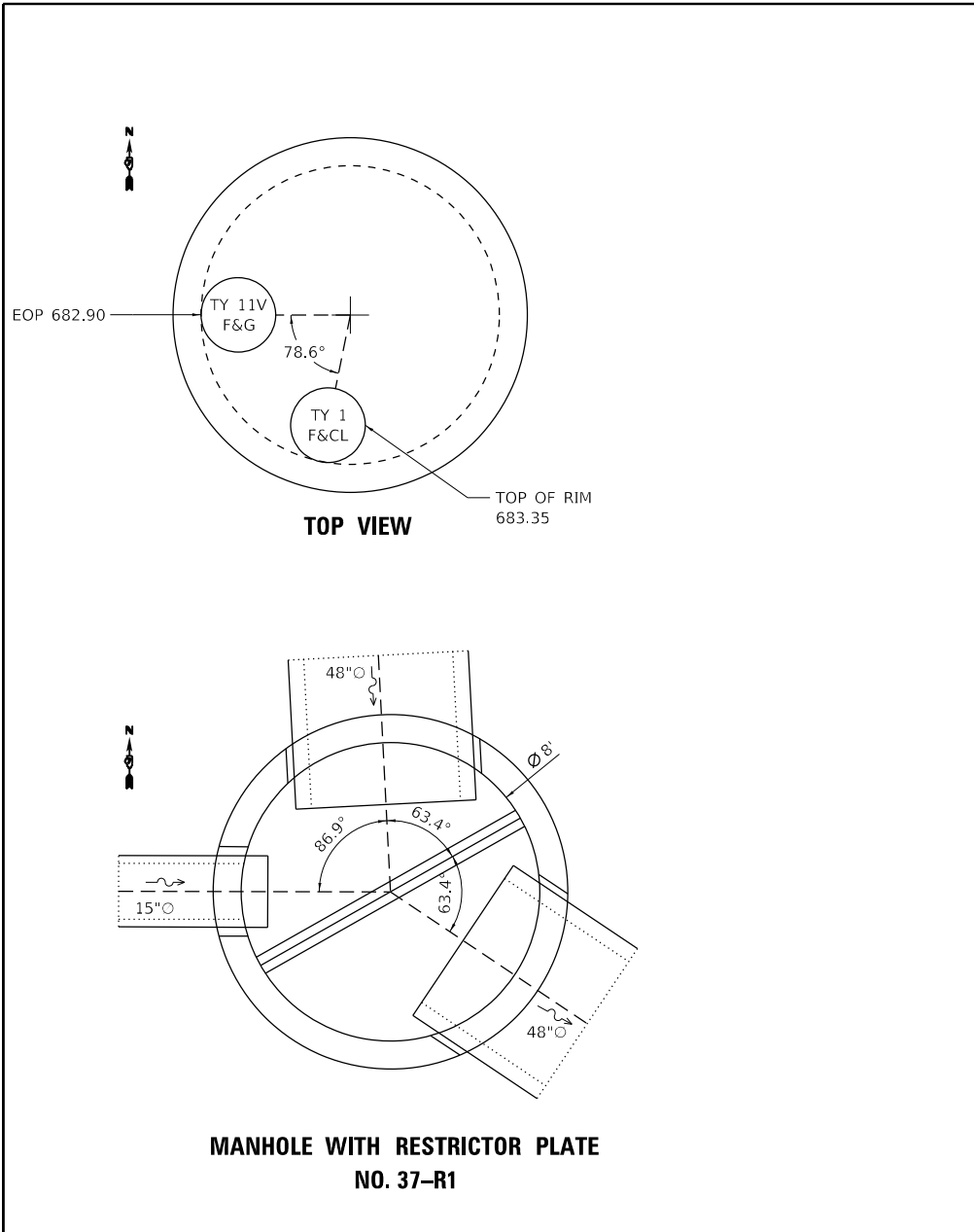
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**DOUGLAS STREET RECONSTRUCTION  
MANHOLE DETAIL - RESTRICTOR STRUCTURES**

SCALE: 5.0000' / in. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	81
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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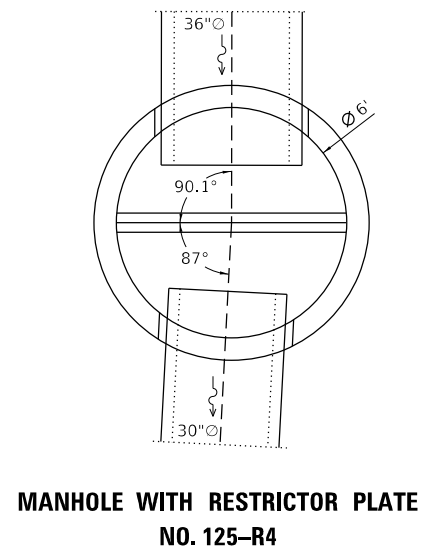
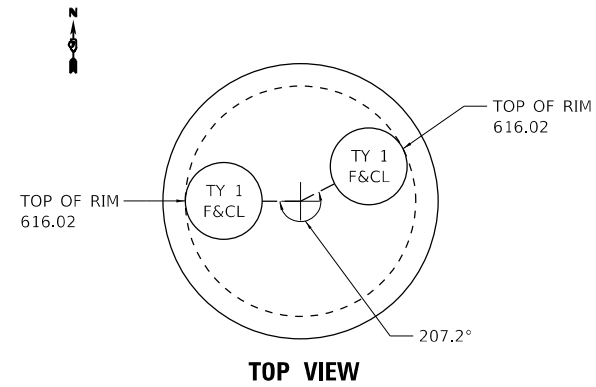
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 DATE - 11/30/23

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**MANHOLE DETAIL - RESTRICTOR STRUCTURES**  
 SCALE: 5.0000' / in. SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	82
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	



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USER NAME = Sta42	DESIGNED - TLW	REVISED -
TUG PROJECT NO. 3120055	DRAWN -	REVISED -
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STATE OF ILLINOIS  
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DOUGLAS STREET RECONSTRUCTION  
 MANHOLE DETAIL - RESTRICTOR STRUCTURES

SCALE: 5.0000' / in. SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	83
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



# X5230100 DRAINAGE SYSTEM (SPECIAL)

## DOUGLAS ST AND COOLIDGE AVE RECONSTRUCTION CHARLESTON, IL, USA

### CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101.
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
  - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
  - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
  - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ONLY CHAMBERS THAT ARE APPROVED BY THE ENGINEER WILL BE ALLOWED. THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
  - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
  - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
  - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

### IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF CHAMBER SYSTEM

- CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "CONSTRUCTION GUIDE" OF MANUFACTURER.
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR EXCAVATOR SITUATED OVER THE CHAMBERS. RECOMMEND 3 BACKFILL METHODS:
  - STONESHOOTER LOCATED OFF THE CHAMBER BED.
  - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
  - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- MAINTAIN MINIMUM - 9" (230 mm) SPACING BETWEEN THE CHAMBER ROWS.
- INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE MEETING THE AASHTO M43 DESIGNATION OF #3 OR #4.
- STONE SHALL BE BROUGHT UP EVENLY AROUND CHAMBERS SO AS NOT TO DISTORT THE CHAMBER SHAPE. STONE DEPTHS SHOULD NEVER DIFFER BY MORE THAN 12" (300 mm) BETWEEN ADJACENT CHAMBER ROWS.
- STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIAL BEARING CAPACITIES TO THE ENGINEER.

### NOTES FOR CONSTRUCTION EQUIPMENT

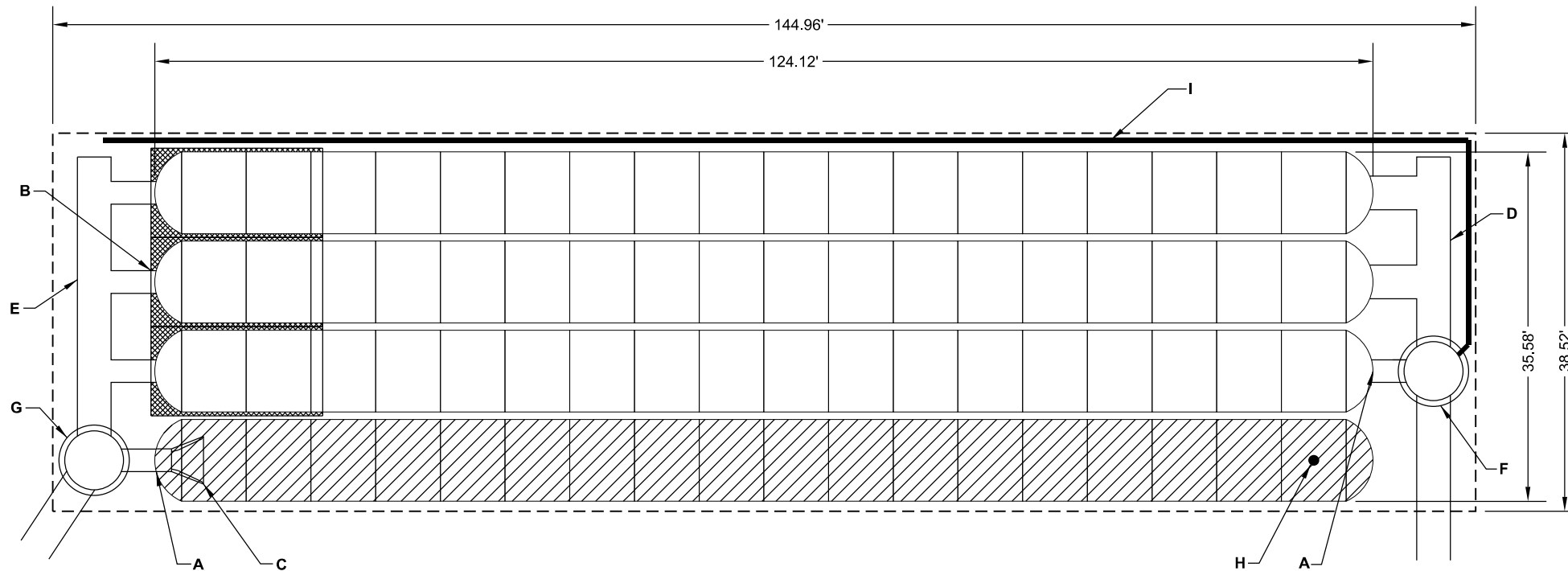
- CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S CONSTRUCTION GUIDE.
- THE USE OF EQUIPMENT OVER CHAMBERS IS LIMITED:
  - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
  - NO RUBBER TIRED LOADER, DUMP TRUCK, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE MANUFACTURER'S CONSTRUCTION GUIDE.
  - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT SHALL BE PER MANUFACTURERS RECOMMENDATIONS.
- FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.


**USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STANDARD WARRANTY.**


MODEL: Default  
FILE NAME: P:\Civil\CharlestonDouglas Street - 3120055\CAD\_Sheets\ch-drahs-Stormwater\_detail1-5.dgn

<b>The Upchurch Group</b> architects engineers surveyors Professional Design Firm Corporation License No. 184-003401 123 North 15th Street Moline, IL 61918 Phone: 317.235.5177 e-mail: upchurchgroup@upchurchgroup.com	USER NAME = Sta42	DESIGNED - TLW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DOUGLAS STREET RECONSTRUCTION DRAINAGE SYSTEM (SPECIAL) DETAIL</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TUG PROJECT NO. 3120055	DRAWN -	REVISED -					7640	19-00118-00-WR	COLES	154	84
PLOT SCALE = 2,0000 ' / in.	CHECKED - SJF	REVISED -	CONTRACT NO. 95958									
PLOT DATE = 4/15/2024	DATE - 11/30/23	REVISED -	SCALE: 2,0000 ' / in.		SHEET 1 OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

PROPOSED LAYOUT		PROPOSED ELEVATIONS:		*INVERT ABOVE BASE OF CHAMBER				
				PART TYPE	ITEM ON LAYOUT	DESCRIPTION	INVERT*	MAX FLOW
72	60x100x79.1 CHAMBERS	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED):	687.75					
8	END CAPS	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC):	683.25					
27	STONE ABOVE (in)	TOP OF STONE:	683.00	PREFABRICATED END CAP	A	24" BOTTOM PARTIAL CUT END CAP, TYP OF ALL 24" BOTTOM CONNECTIONS AND ISOLATOR PLUS ROWS	2.26"	
9	STONE BELOW (in)	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):	682.75	PREFABRICATED END CAP	B	24" TOP PARTIAL CUT END CAP, TYP OF ALL 24" TOP CONNECTIONS	29.13"	
40	STONE VOID	MINIMUM ALLOWABLE GRADE (TOP OF RIGID CONCRETE PAVEMENT):	682.75	FLAMP	C	INSTALL FLAMP ON 24" ACCESS PIPE		
25654	INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED) (COVER STONE INCLUDED) (BASE STONE INCLUDED)	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):	682.75	BOTTOM MANIFOLD	D	36" x 36" HDPE (36" PIPE)	3.25"	
		TOP OF CHAMBER:	680.75	TOP MANIFOLD	E	36" x 24" HDPE (36" PIPE) 36" x 24" HDPE (24" PIPE)	11.13" 23.05"	
		36" x 24" TOP MANIFOLD INVERT (24" PIPE):	677.67					
5583	SYSTEM AREA (SF)	36" x 24" TOP MANIFOLD INVERT (36" PIPE):	676.68	CONCRETE STRUCTURE	F	OCS SEE DRAINAGE PLANS		23.0 CFS OUT
367.0	SYSTEM PERIMETER (ft)	36" BOTTOM MANIFOLD INVERT:	676.02	CONCRETE STRUCTURE	G	SEE DRAINAGE PLANS		28.5 CFS IN
		24" ISOLATOR ROW PLUS INVERT:	675.94	INSPECTION PORT	H	6" SEE DETAIL		
		24" BOTTOM CONNECTION INVERT:	675.94	UNDERDRAIN	I	6" HDPE PERFORATED UNDERDRAIN		
		BOTTOM OF CHAMBER:	675.75					
		UNDERDRAIN INVERT:	675.00					
		BOTTOM OF STONE:	675.00					



 ISOLATOR ROW PLUS  
(SEE DETAIL)

 PLACE MINIMUM 17.50' OF MANUFACTURER APPROVED WOVEN GEOTEXTILE  
OVER BEDDING STONE AND UNDERNEATH CHAMBER FEET FOR SCOUR  
PROTECTION AT ALL CHAMBER INLET ROWS

--- BED LIMITS

### NOTES

- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THE ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.
- **NOT FOR CONSTRUCTION:** THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.

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PLOT DATE = 4/15/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE SYSTEM (SPECIAL) DETAIL**

SCALE: 2,0000' / in. SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	85
CONTRACT NO. 95958				
ILLINOIS		FED. AID PROJECT		

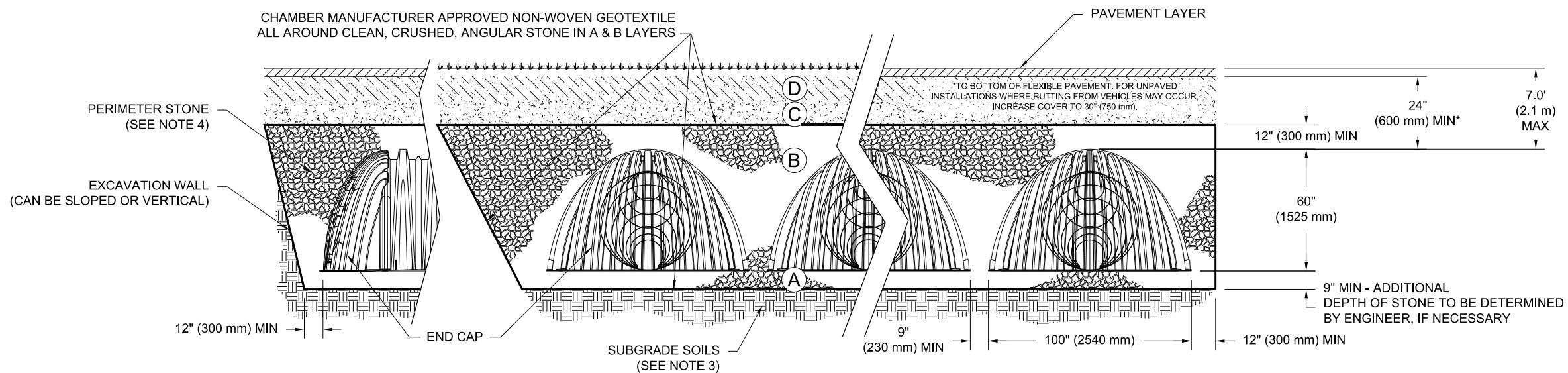
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## ACCEPTABLE FILL MATERIALS: CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	<b>FINAL FILL:</b> FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	<b>INITIAL FILL:</b> FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE.  MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 <sup>1</sup> A-1, A-2-4, A-3  OR  AASHTO M43 <sup>1</sup> 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	<b>EMBEDMENT STONE:</b> FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 <sup>1</sup> 3, 4	NO COMPACTION REQUIRED.
A	<b>FOUNDATION STONE:</b> FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 <sup>1</sup> 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. <sup>2,3</sup>

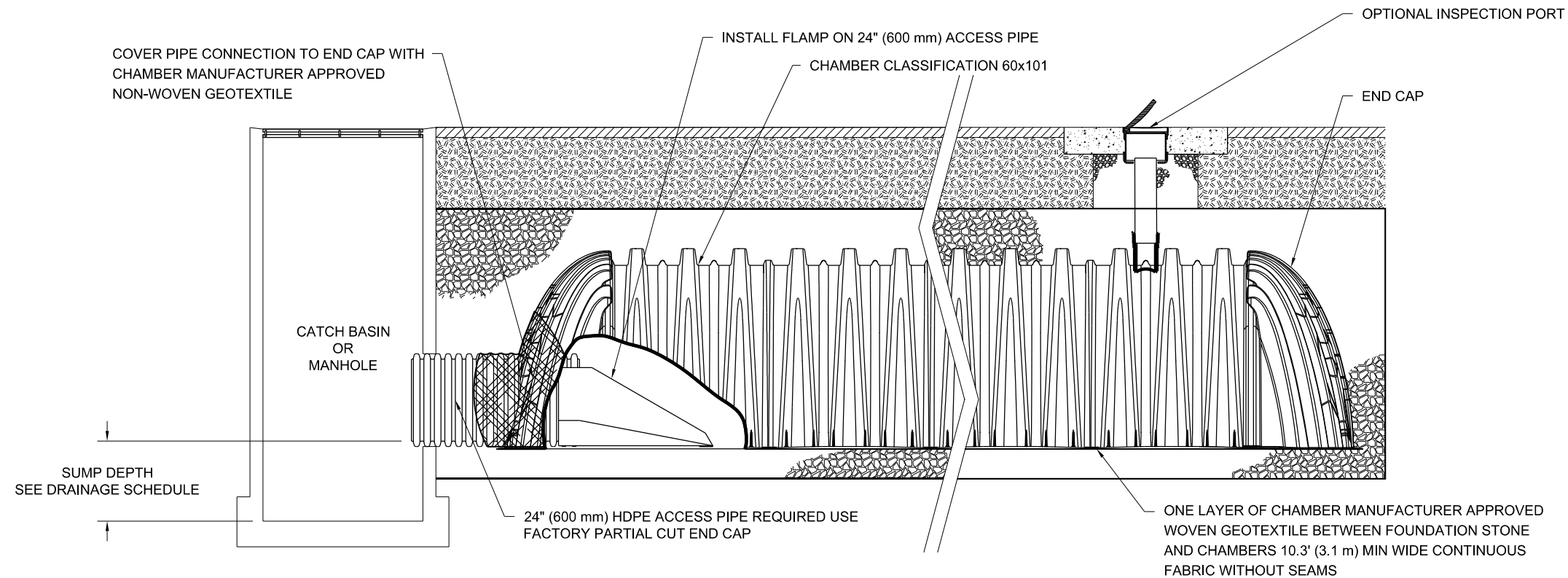
**PLEASE NOTE:**

- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
- COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
- WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT.
- ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE ENGINEER'S DISCRETION.



**NOTES:**

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
- CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- THE ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
  - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
  - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
  - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.



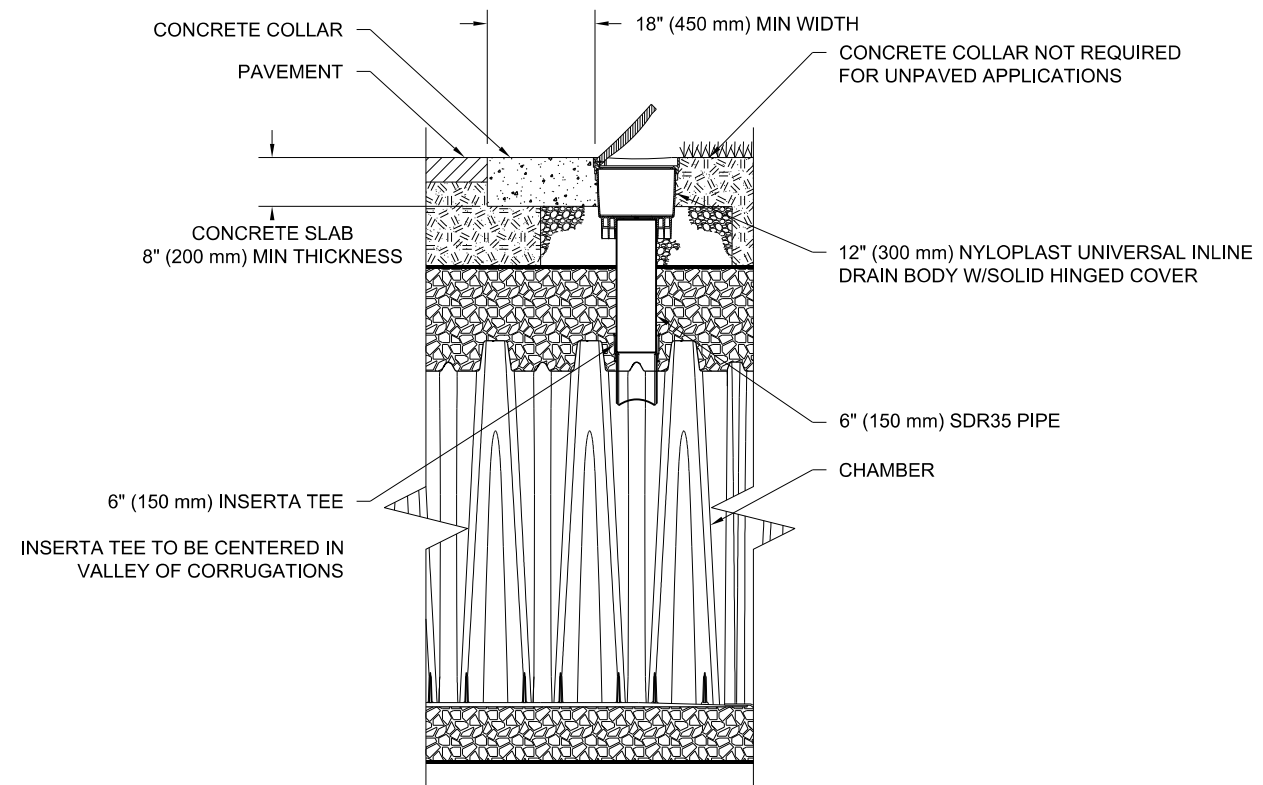
**MC-7200 ISOLATOR ROW PLUS DETAIL**  
NTS

**INSPECTION & MAINTENANCE**

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
    - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
    - A.2. REMOVE AND CLEAN INLET FILTER IF INSTALLED
    - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
    - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
    - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
  - B. ALL ISOLATOR PLUS ROWS
    - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
    - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
      - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
      - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
    - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
  - B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
  - C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE CHAMBER SYSTEM.

**NOTES**

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



**6" (150 mm) INSPECTION PORT DETAIL**  
NTS

MODEL: Default; FILE: Main; PLOT: Civil; Character: Douglas Street - 3120055; CAD: Sheets; s:\ch\drafts\Stormwater\_detail1-5.dwg

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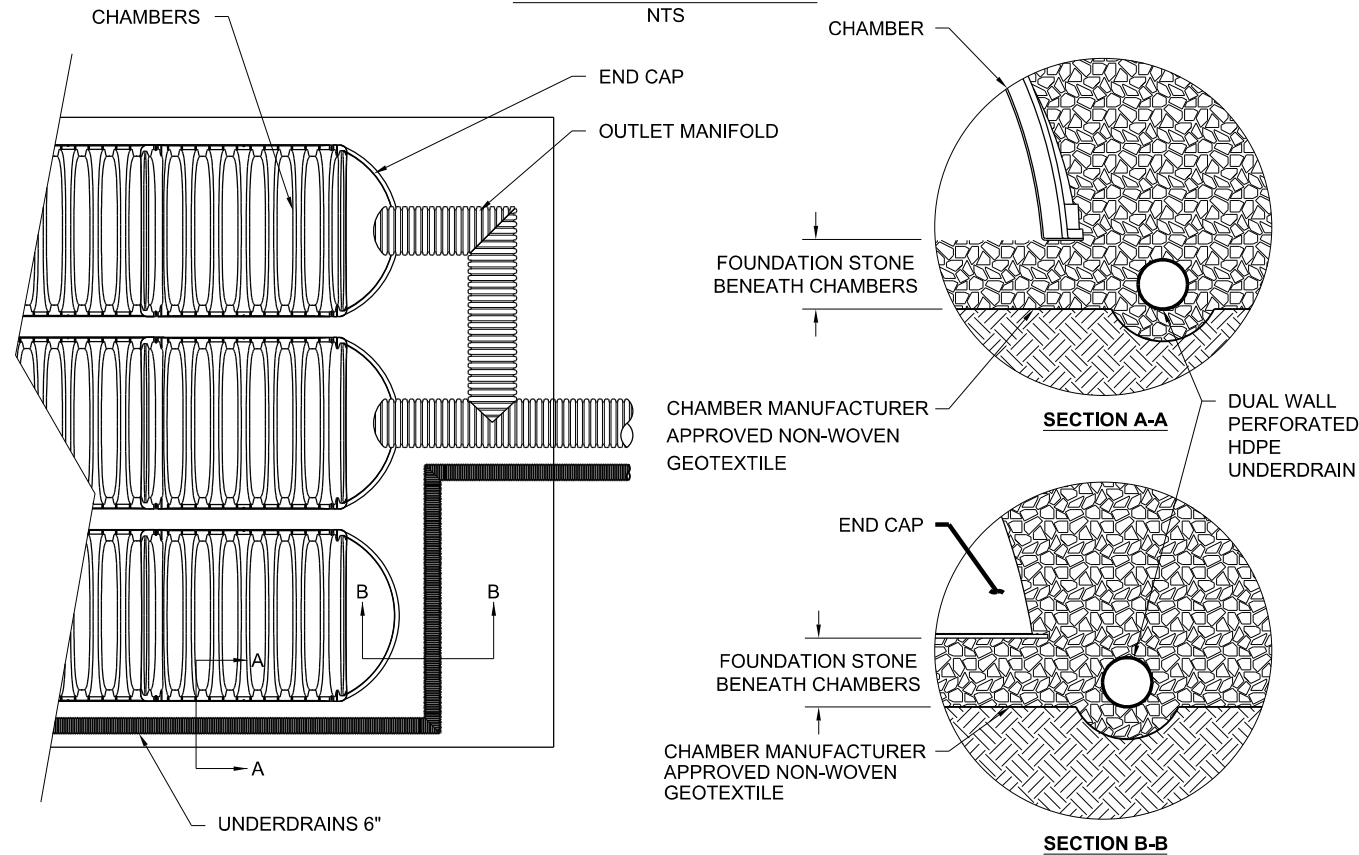
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
DRAINAGE SYSTEM (SPECIAL) DETAIL**

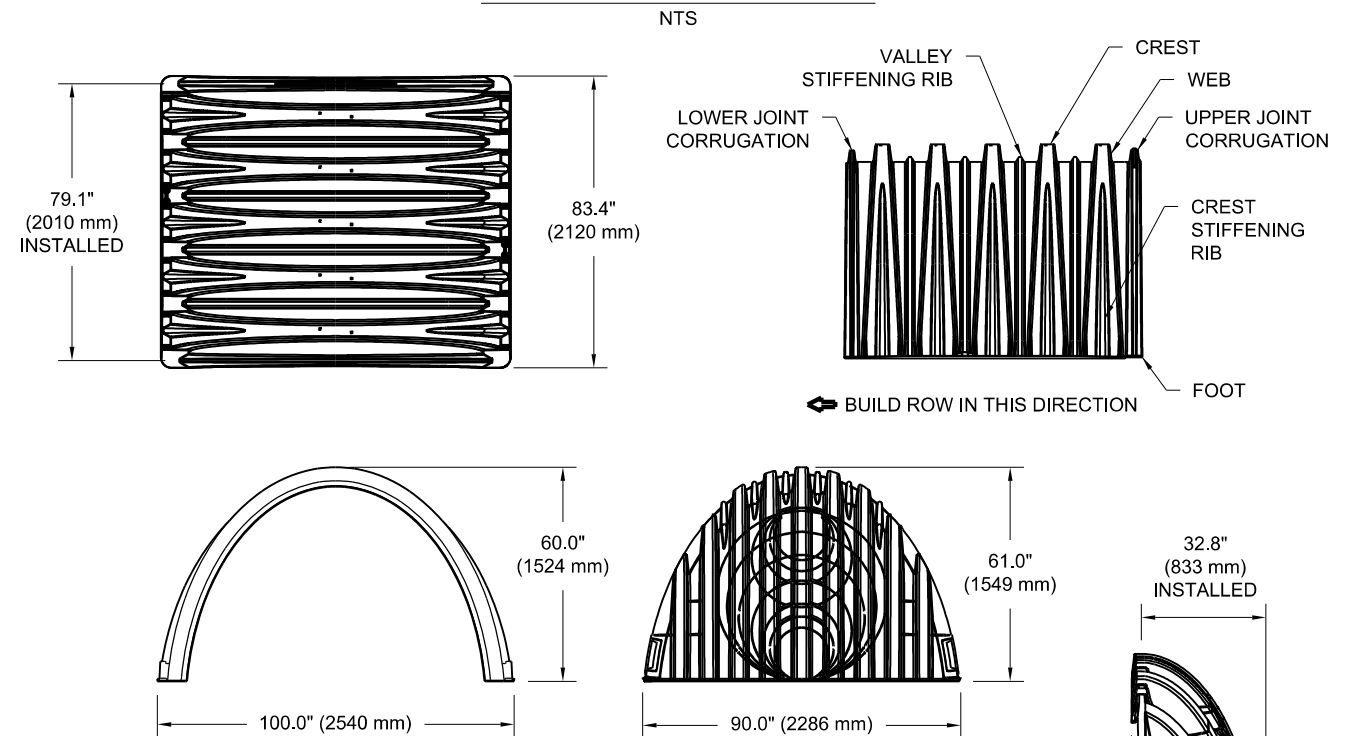
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	87
ILLINOIS FED. AID PROJECT			CONTRACT NO. 95958	

**UNDERDRAIN DETAIL**



**TECHNICAL SPECIFICATION**



**NOMINAL CHAMBER SPECIFICATIONS**

SIZE (W X H X INSTALLED LENGTH)	100.0" X 60.0" X 79.1"	(2540 mm X 1524 mm X 2010 mm)
CHAMBER STORAGE	175.9 CUBIC FEET	(4.98 m <sup>3</sup> )
MINIMUM INSTALLED STORAGE*	267.3 CUBIC FEET	(7.56 m <sup>3</sup> )
WEIGHT (NOMINAL)	205 lbs.	(92.9 kg)

**NOMINAL END CAP SPECIFICATIONS**

SIZE (W X H X INSTALLED LENGTH)	90.0" X 61.0" X 32.8"	(2286 mm X 1549 mm X 833 mm)
END CAP STORAGE	39.5 CUBIC FEET	(1.12 m <sup>3</sup> )
MINIMUM INSTALLED STORAGE*	115.3 CUBIC FEET	(3.26 m <sup>3</sup> )
WEIGHT (NOMINAL)	90 lbs.	(40.8 kg)

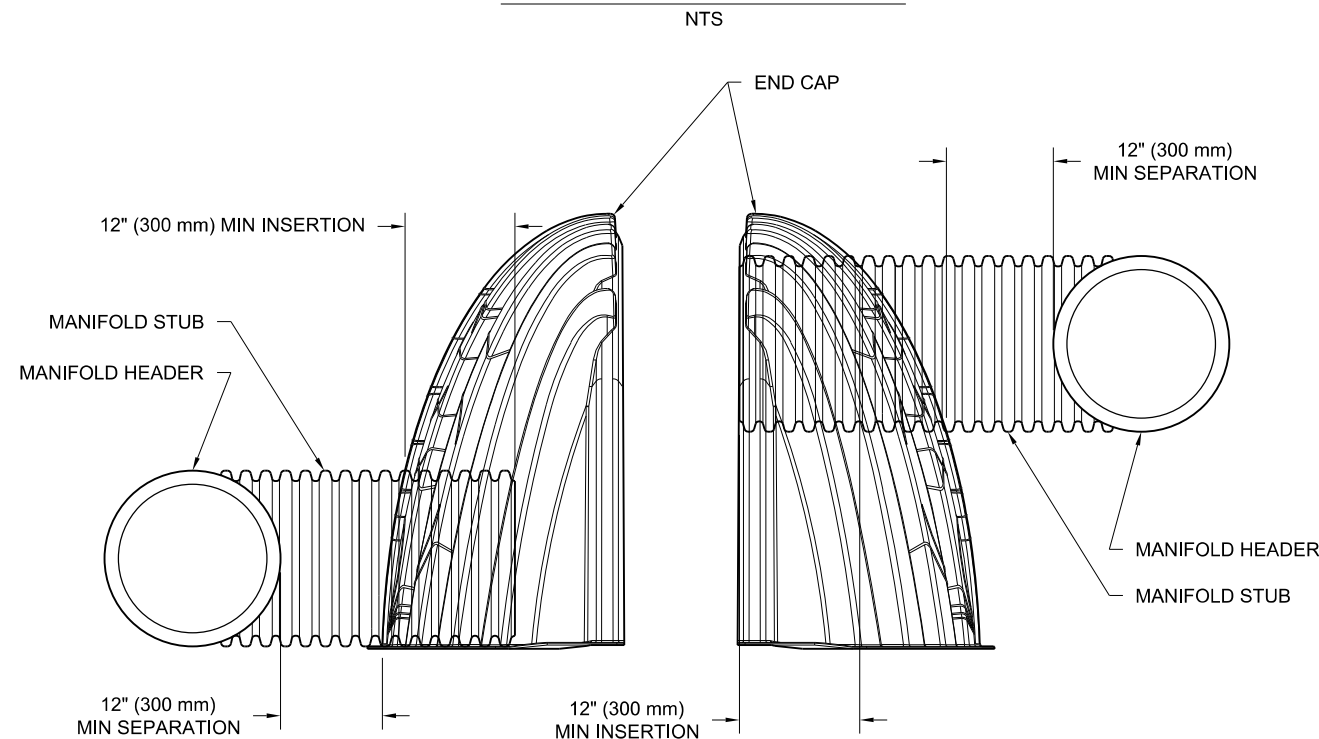
\*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION AND BETWEEN CHAMBERS, 12" (305 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"  
PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"  
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

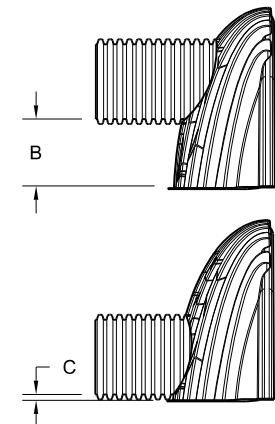
STUB	B	C
6" (150 mm)	42.54" (1081 mm)	—
8" (200 mm)	40.50" (1029 mm)	0.86" (22 mm)
10" (250 mm)	38.37" (975 mm)	1.01" (26 mm)
12" (300 mm)	35.69" (907 mm)	1.33" (34 mm)
15" (375 mm)	32.72" (831 mm)	1.55" (39 mm)
18" (450 mm)	29.36" (746 mm)	1.70" (43 mm)
24" (600 mm)	23.05" (585 mm)	1.97" (50 mm)
30" (750 mm)	—	2.26" (57 mm)
36" (900 mm)	—	2.95" (75 mm)
42" (1050 mm)	—	3.25" (83 mm)
		3.55" (90 mm)

NOTE: ALL DIMENSIONS ARE NOMINAL

**END CAP INSERTION DETAIL**



NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.



MODEL: Default  
FILE: Model - Plc Civil - CharlestonDouglas - Street - 3120055\CAD\_Sheets\chc\drain-Stormwater\_detail1-5.dgn

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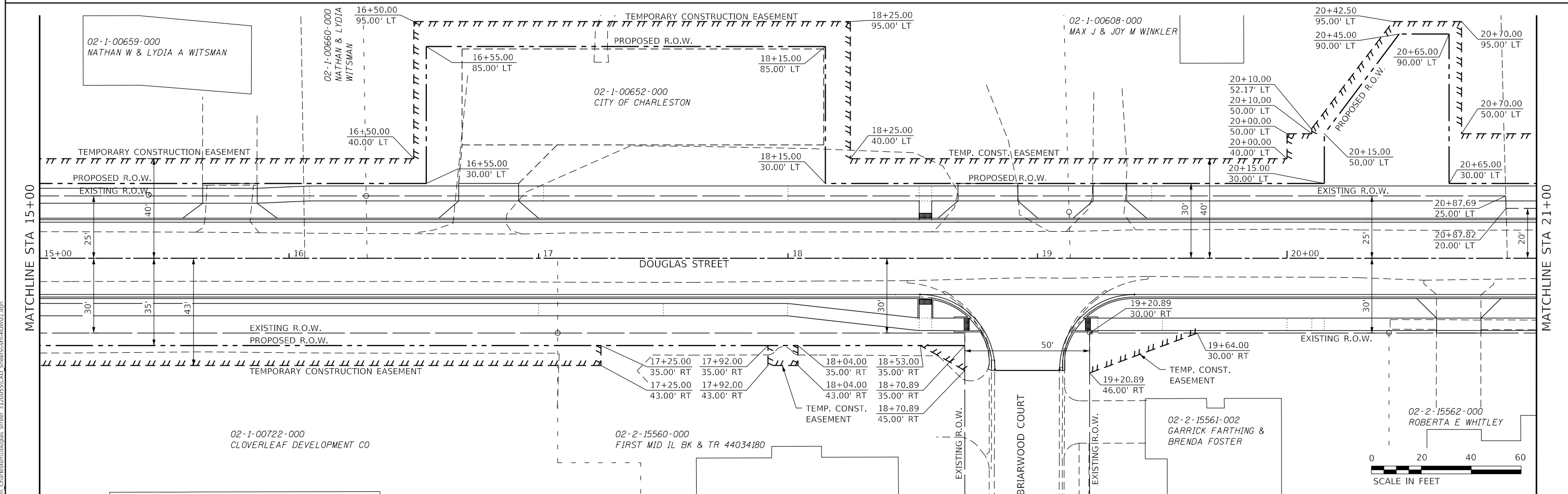
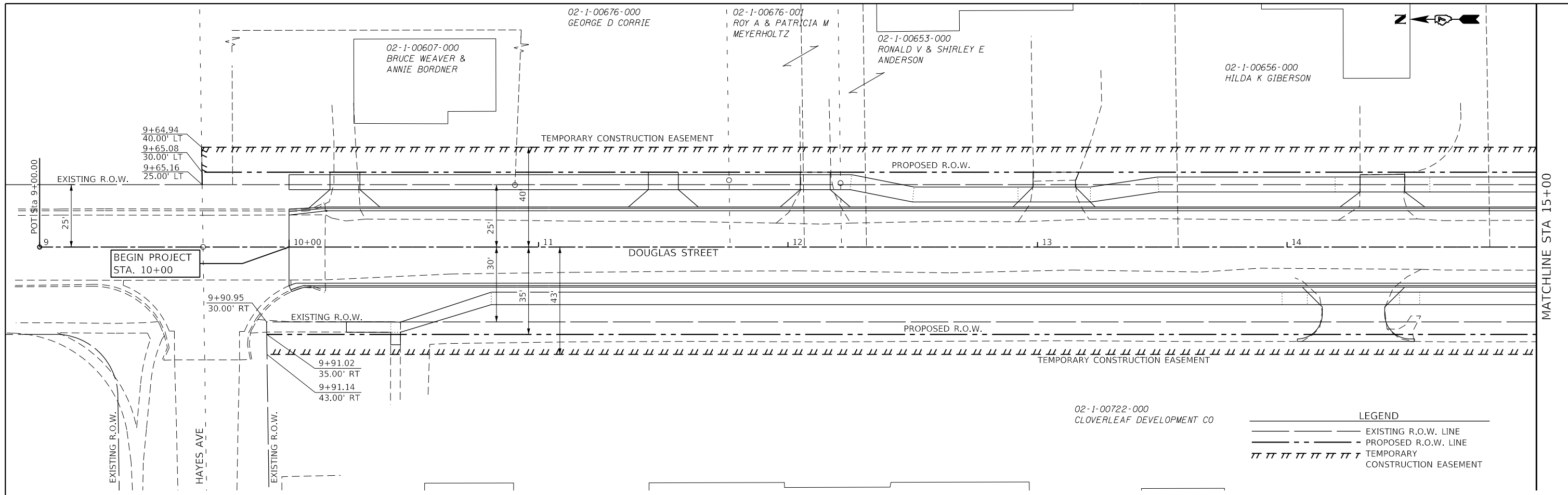
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**DRAINAGE SYSTEM (SPECIAL) DETAIL**

SCALE: 2.0000' / in. SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	88
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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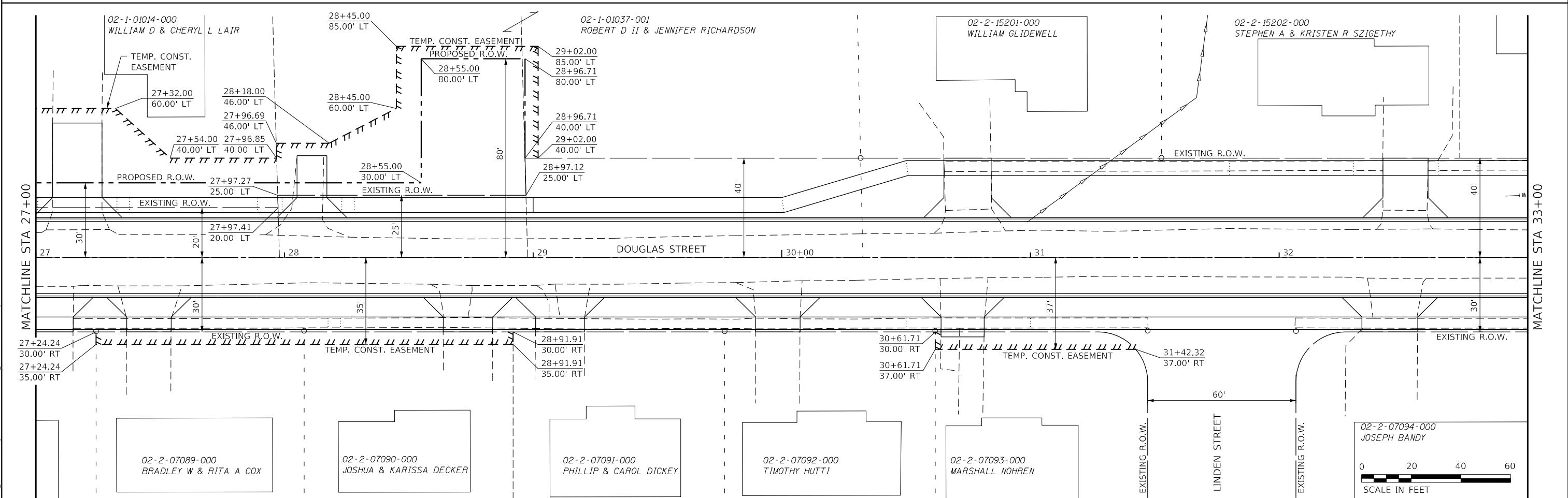
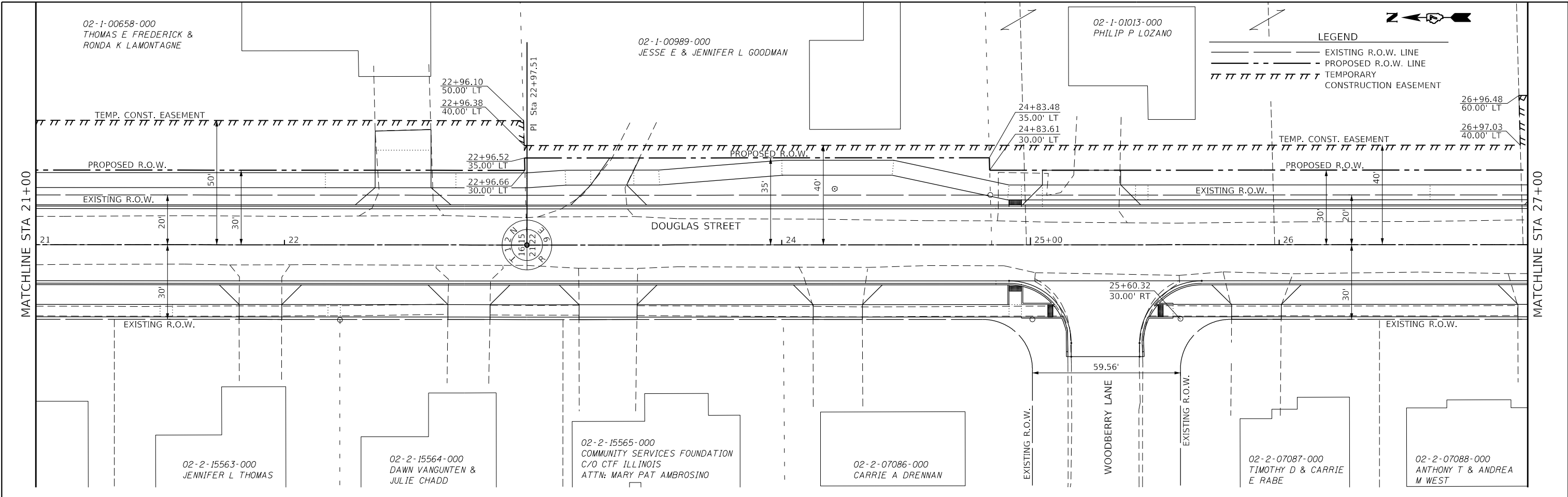
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PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**RIGHT-OF-WAY PLAN**

SCALE: 40.0000' / in. SHEET 1 OF 6 SHEETS STA. 9+00 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	89
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	



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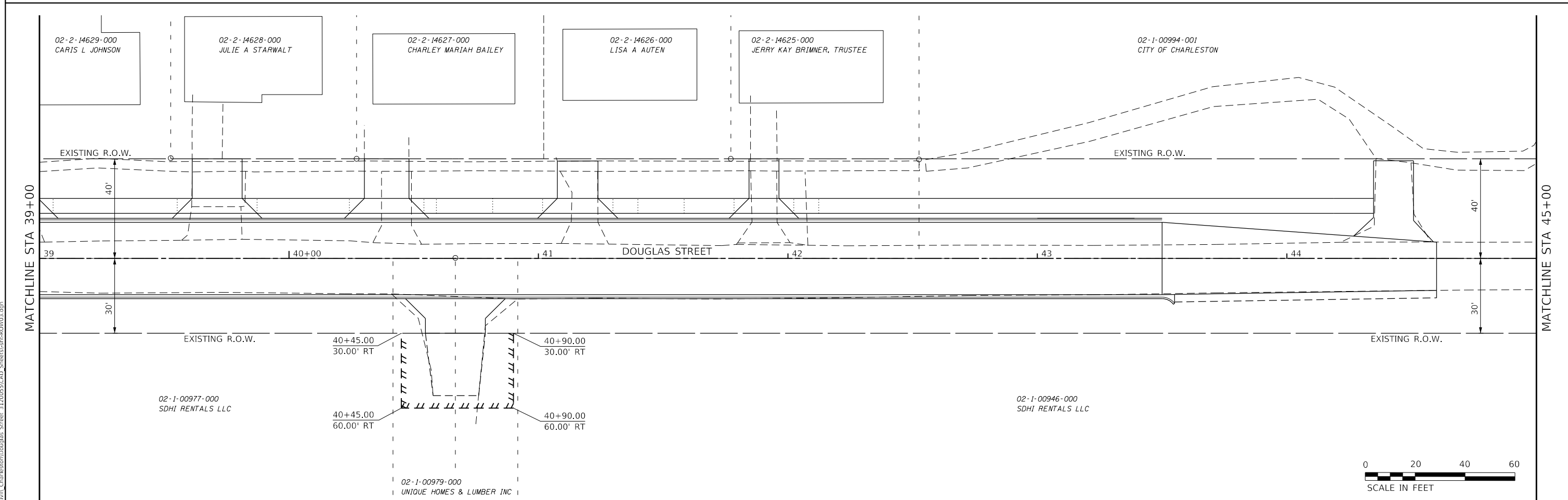
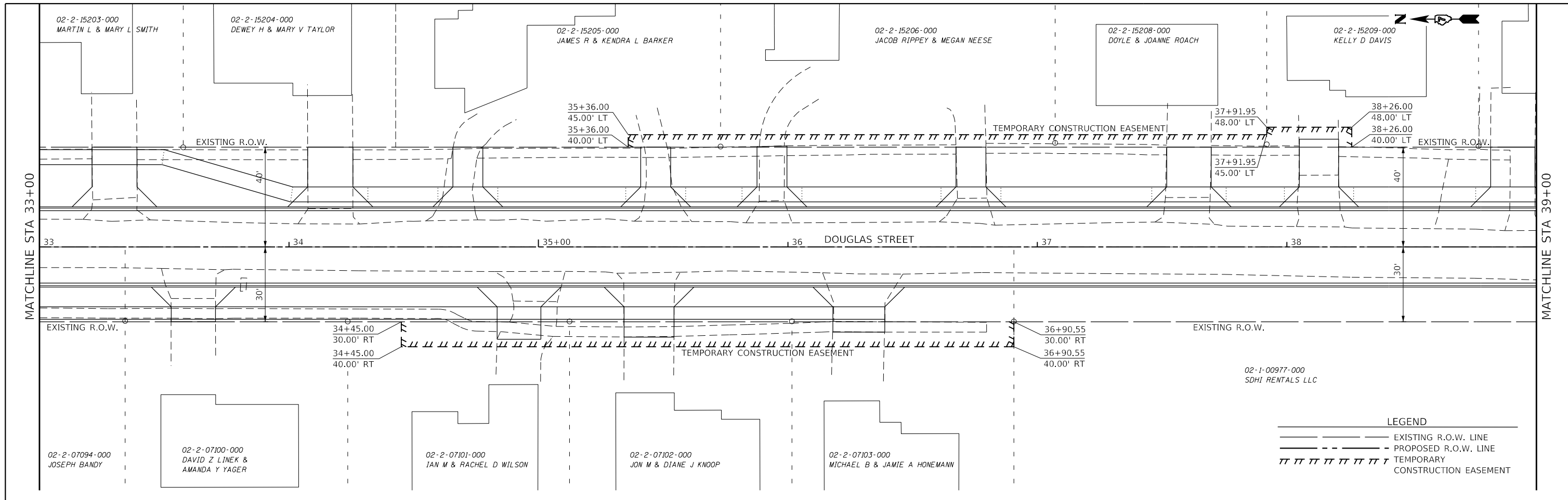
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**STATE OF ILLINOIS  
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**DOUGLAS STREET RECONSTRUCTION  
 RIGHT-OF-WAY PLAN**

SCALE: 40.0000' / in SHEET 2 OF 6 SHEETS STA. 21+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	90
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	



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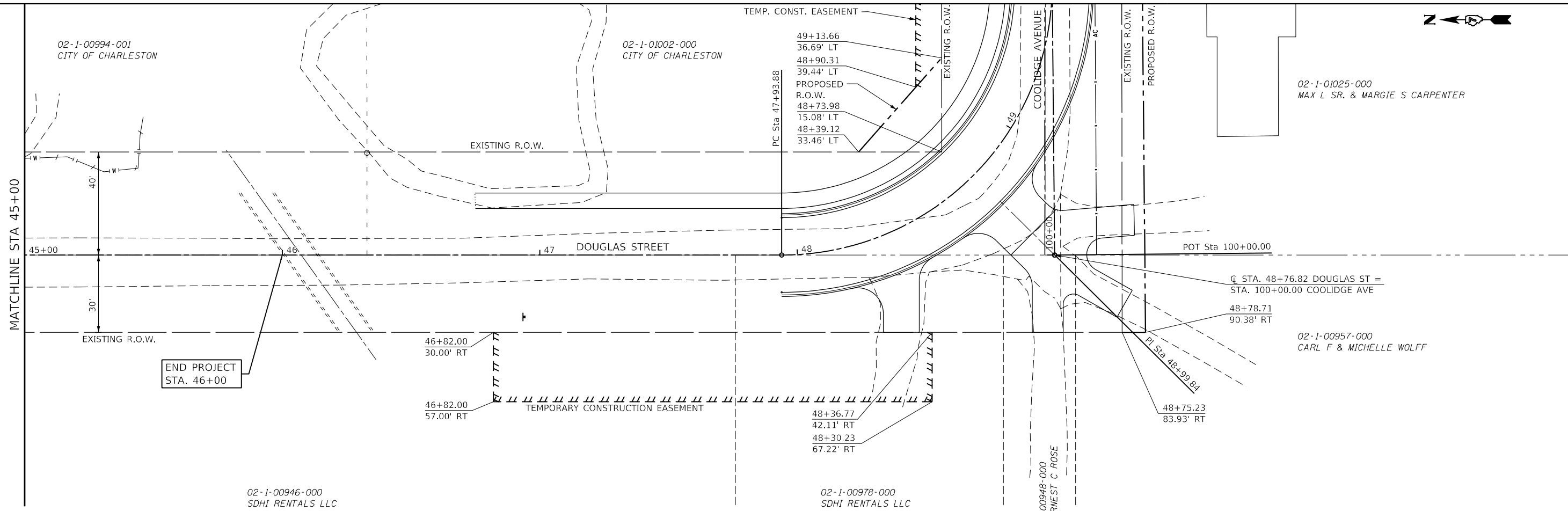
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**DOUGLAS STREET RECONSTRUCTION  
 RIGHT-OF-WAY PLAN**

SCALE: 40.0000' / in. SHEET 3 OF 6 SHEETS STA. 33+00 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	91
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				





**LEGEND**

	EXISTING R.O.W. LINE
	PROPOSED R.O.W. LINE
	TEMPORARY CONSTRUCTION EASEMENT



MODEL: Default  
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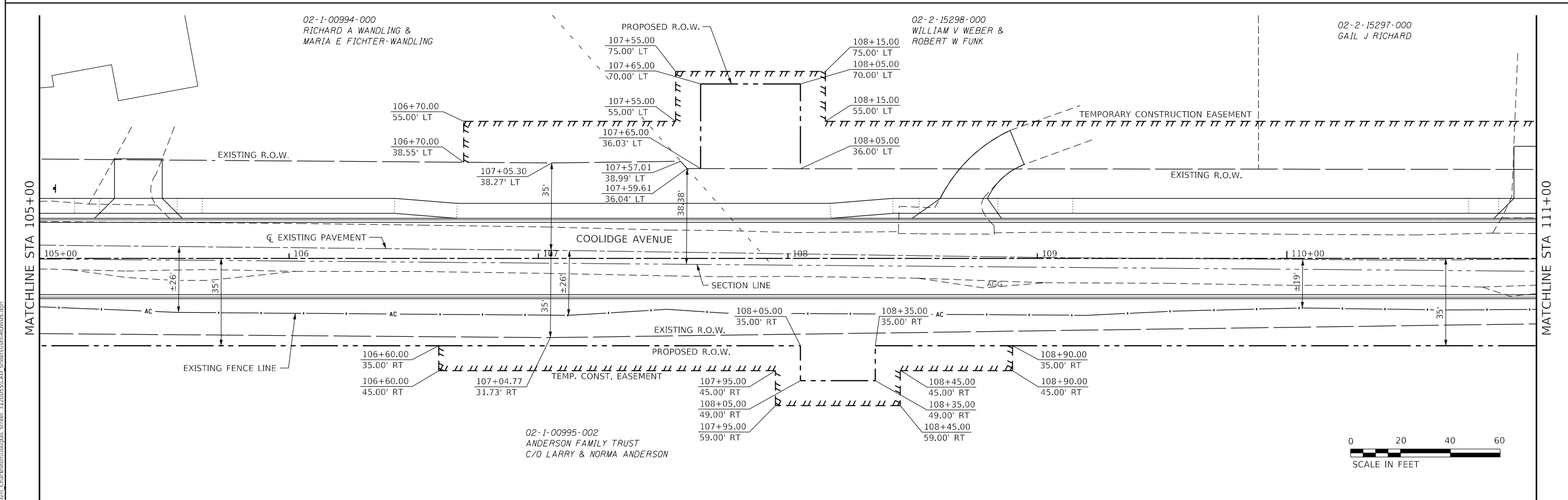
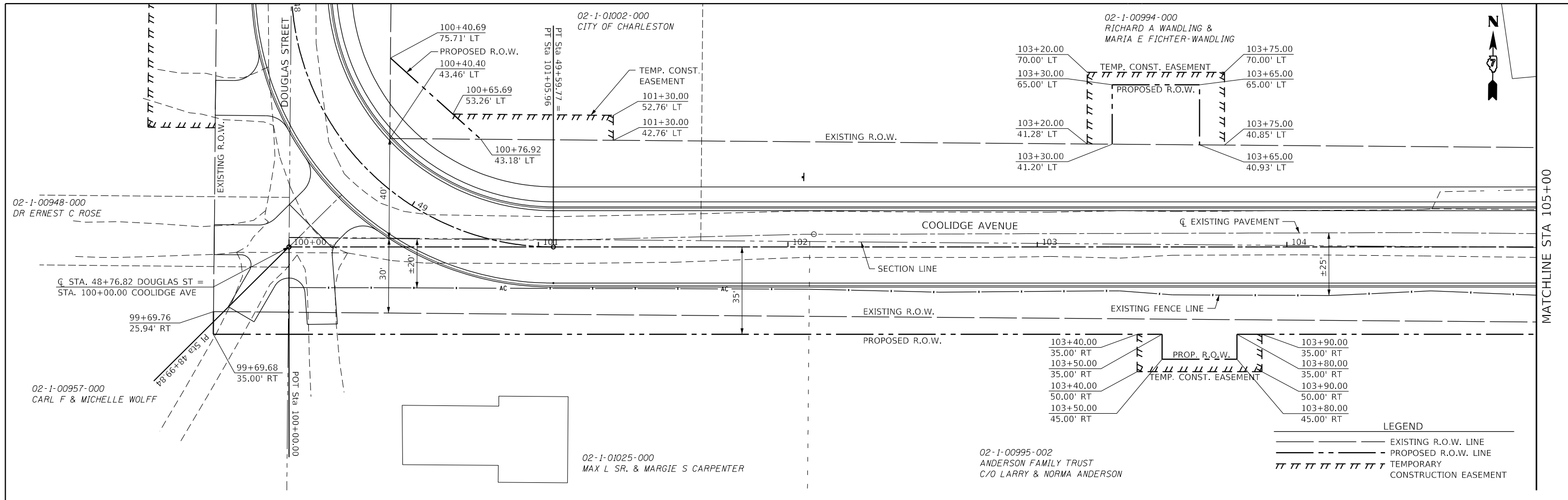
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 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - TLW	REVISED -
TUG PROJECT NO. 3120055	DRAWN - SAE	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**RIGHT-OF-WAY PLAN**  
 SCALE: 40.0000 ' / in. SHEET 4 OF 6 SHEETS STA. 45+00 TO STA. 48+99.84

F.A.U. RTE. 7640	SECTION 19-00118-00-WR	COUNTY COLES	TOTAL SHEETS 154	SHEET NO. 92
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	



**LEGEND**

	EXISTING R.O.W. LINE
	PROPOSED R.O.W. LINE
	TEMPORARY CONSTRUCTION EASEMENT



MODEL: Default  
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**The Upchurch Group**  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 123 North 15th Street  
 Madison, IL 61738  
 Phone: 217.255.3177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

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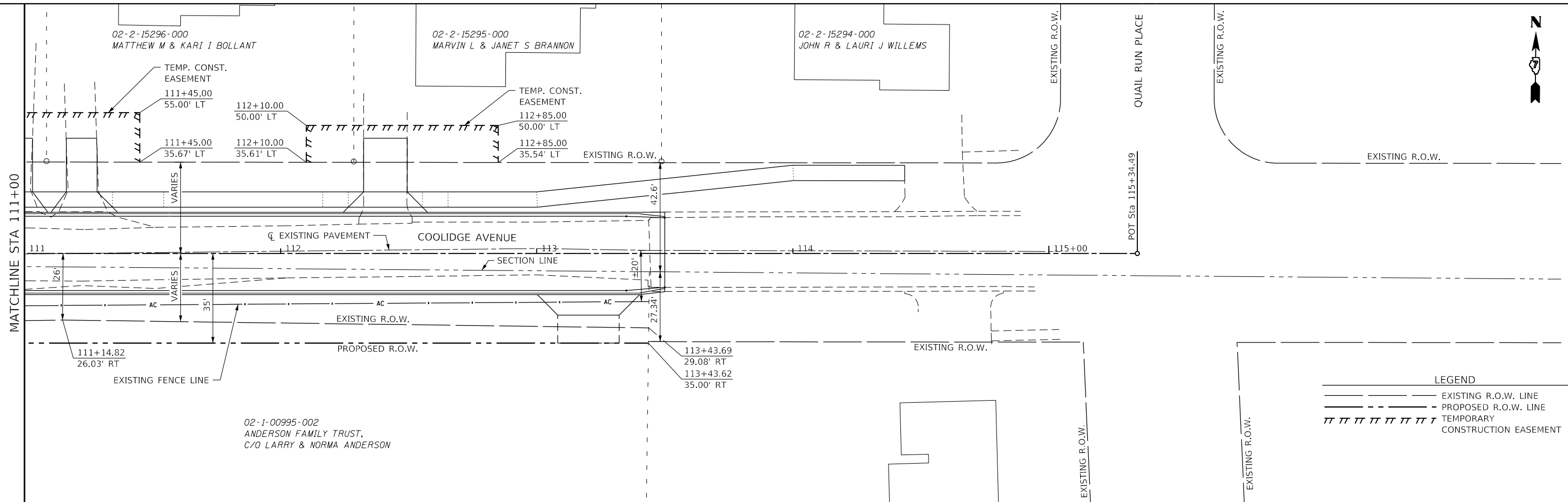
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CHECKED -	SJF	REVISED -	
DATE -	11/30/23	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**RIGHT-OF-WAY PLAN**

SCALE: 40.0000' / in. SHEET 5 OF 6 SHEETS STA. 100+00 TO STA. 111+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	93
CONTRACT NO. 95958				
ILLINOIS		FED. AID PROJECT		



**LEGEND**

	EXISTING R.O.W. LINE
	PROPOSED R.O.W. LINE
	TEMPORARY CONSTRUCTION EASEMENT



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**The Upchurch Group**  
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 Professional Design Firm Corporation  
 License No. 154-003401  
 123 North 156 Street  
 Matteson, IL 61438  
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 e-mail: upchurchgroup@upchurchgroup.com

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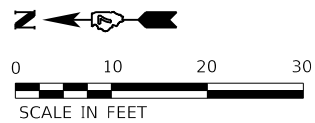
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**RIGHT-OF-WAY PLAN**

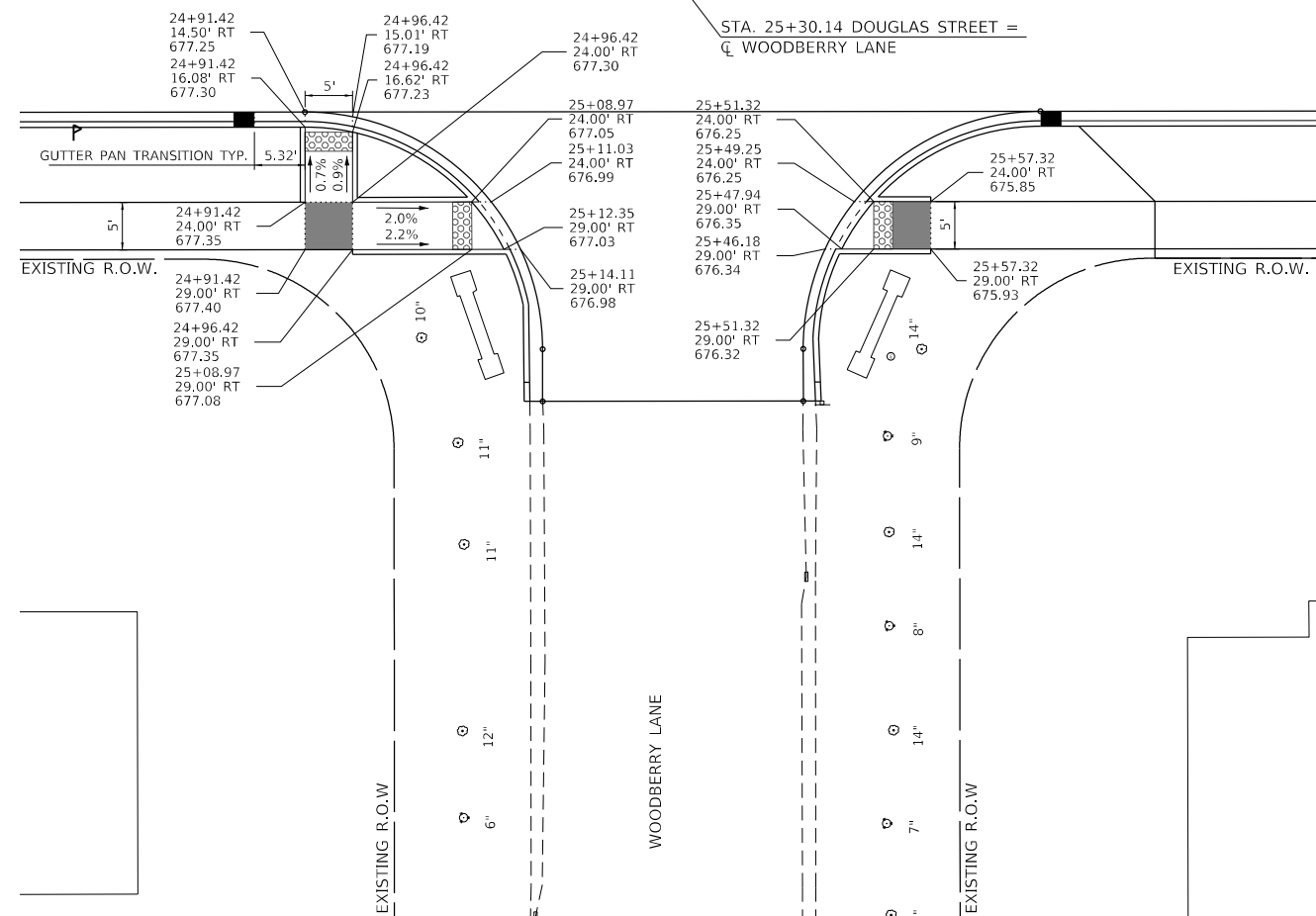
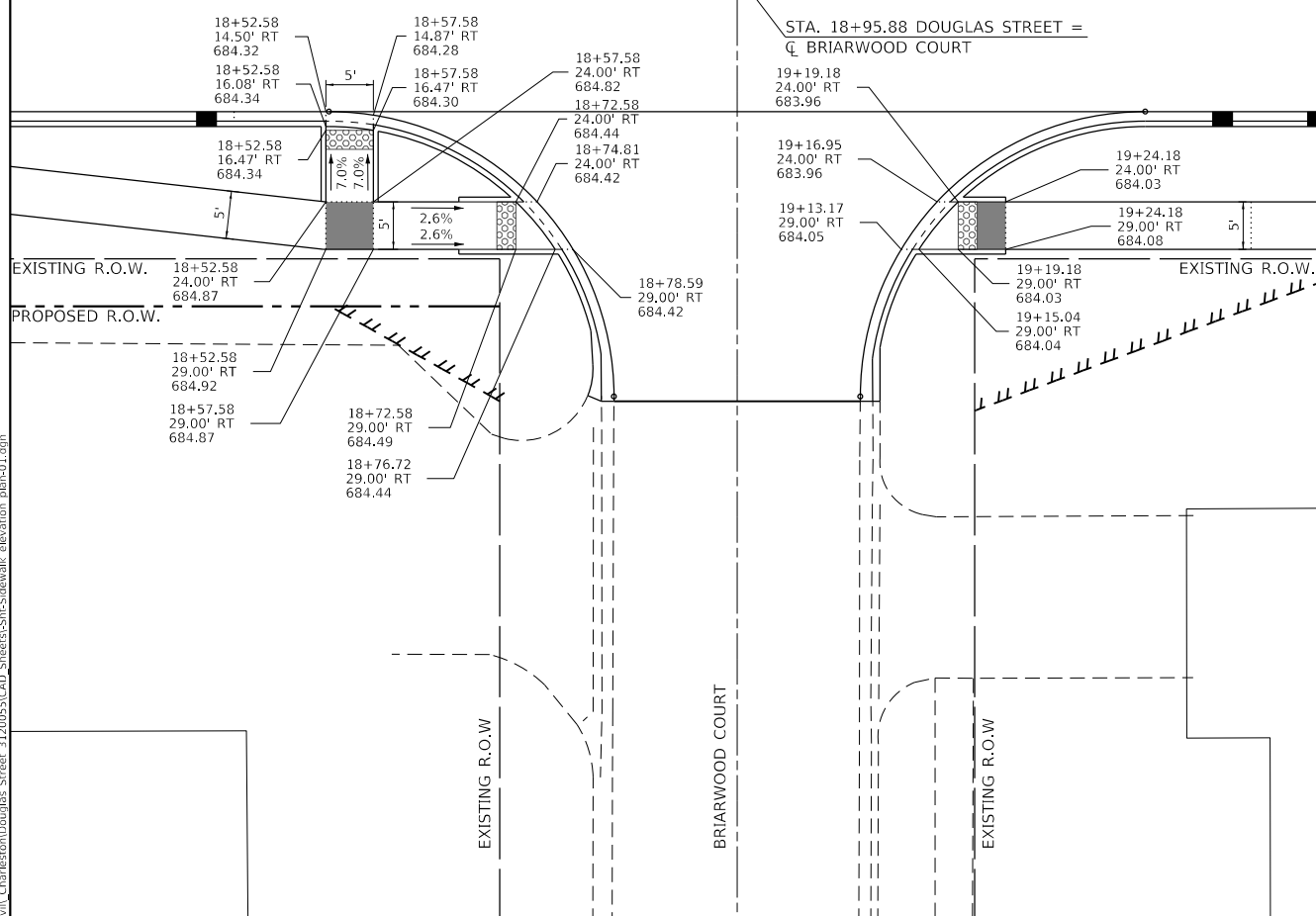
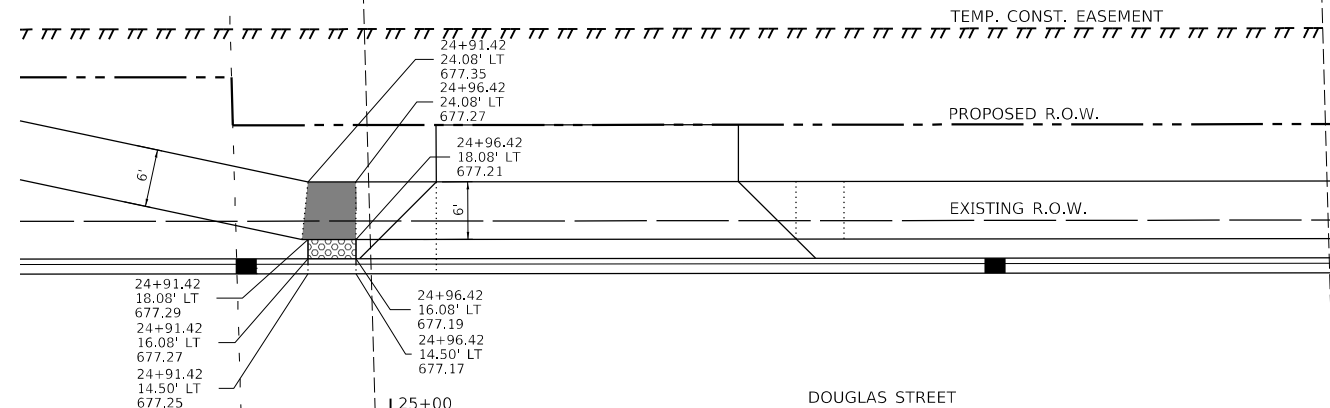
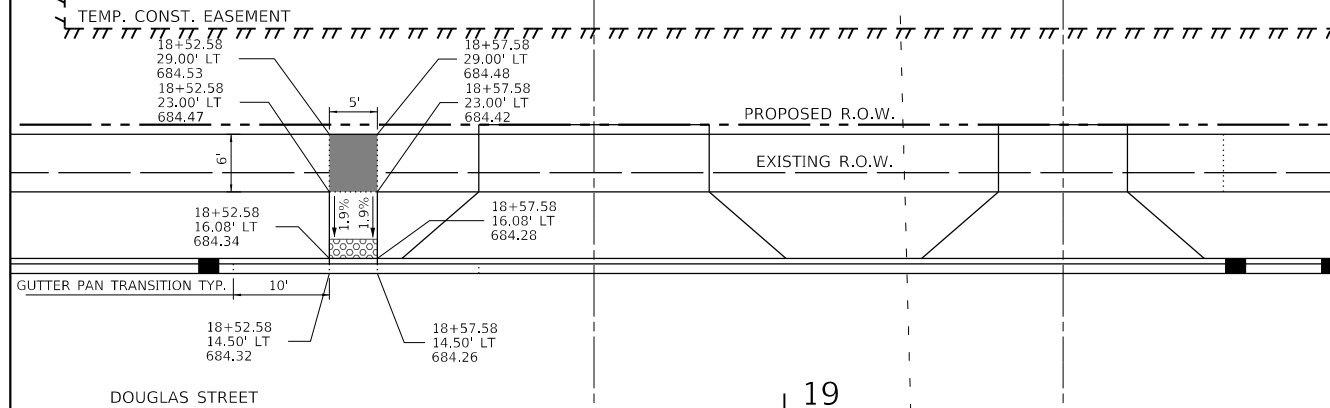
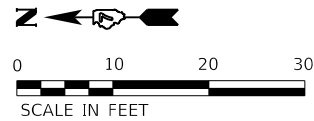
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	94
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	





LEGEND	
	LANDING/TURNING SPACE PER STANDARD 424001
	DETECTABLE WARNING



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 e-mail: upchurchgroup@upchurchgroup.com

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 DATE - 11/30/23

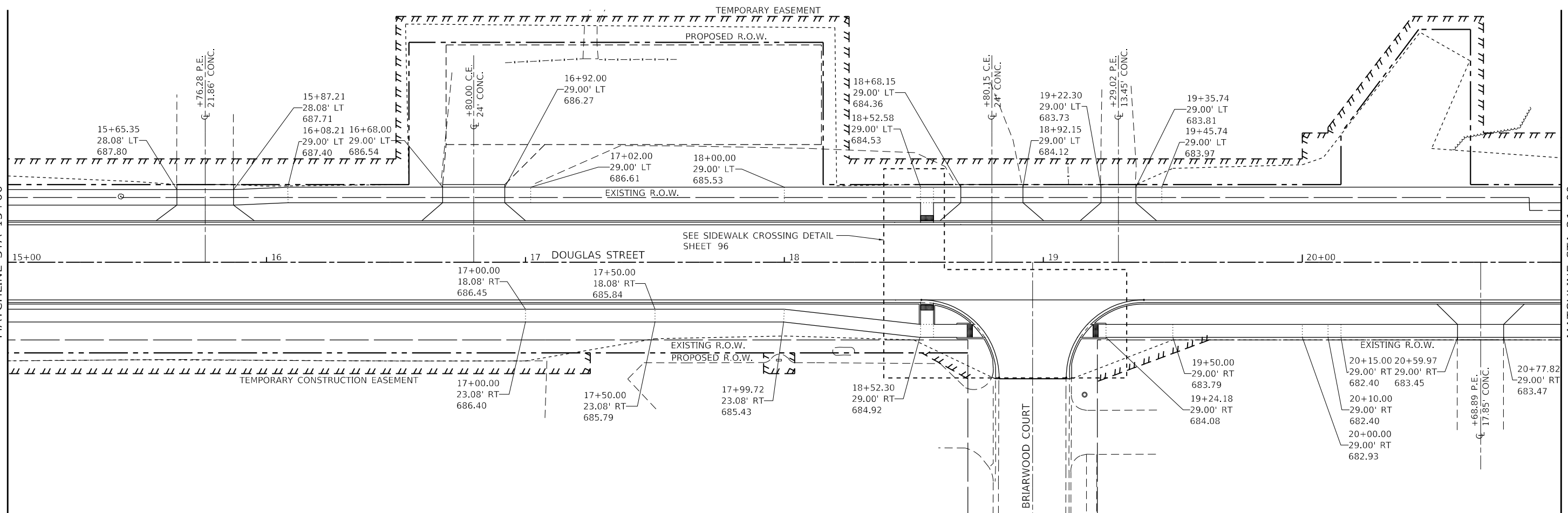
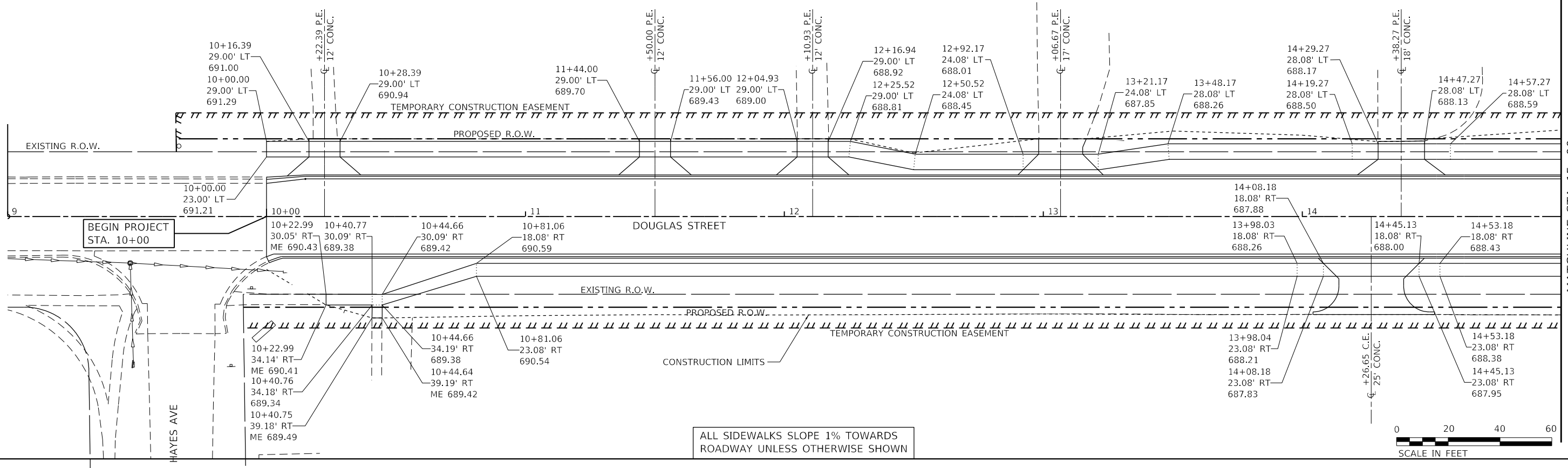
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 SIDEWALK ELEVATION PLANS**

SCALE: 20.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	96
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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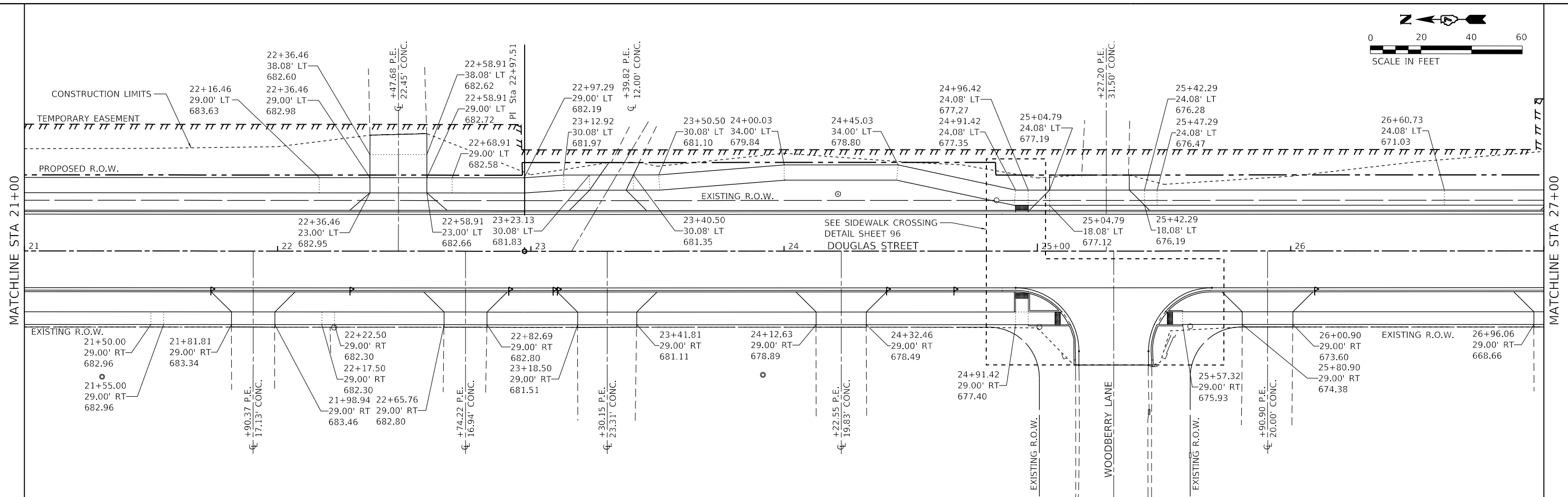
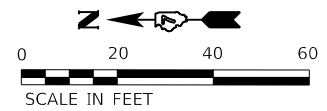
**The Upchurch Group**  
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 123 North 15th Street  
 Matteson, IL 61458  
 Phone: 217.235.3177  
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 e-mail: upchurchgroup@upchurchgroup.com

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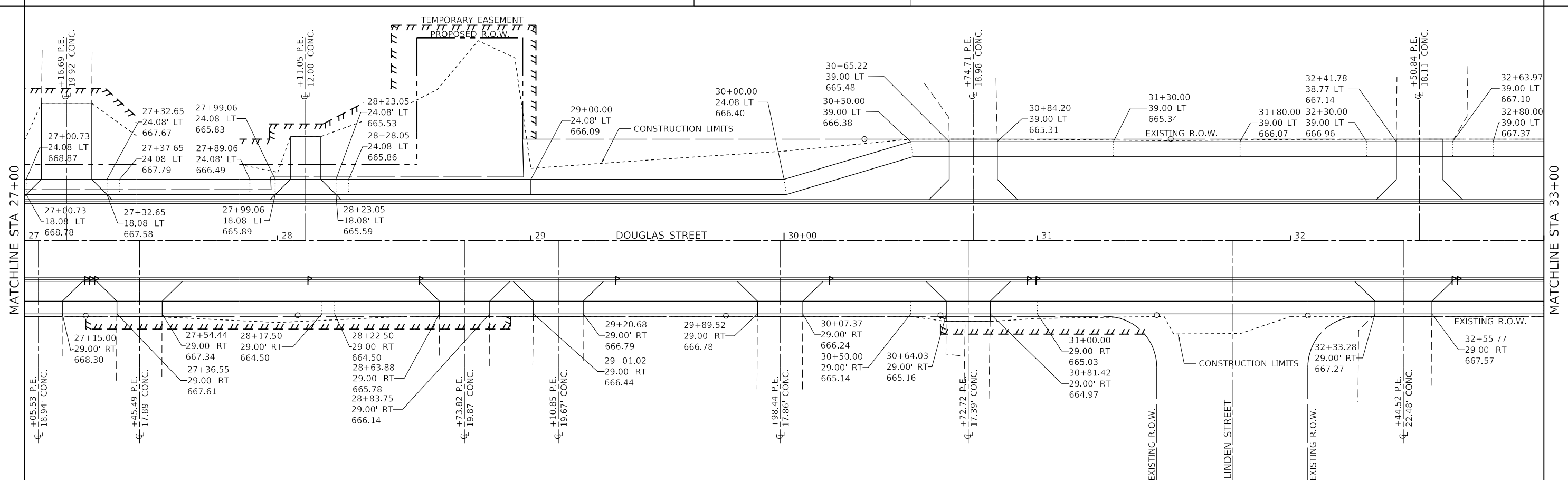
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SIDEWALK ELEVATION PLANS**  
 SCALE: 40.0000' / in SHEET 1 OF 3 SHEETS STA. 9+00 TO STA. 21+00

F.A.U. RTE. 7640	SECTION 19-00118-00-WR	COUNTY COLES	TOTAL SHEETS 154	SHEET NO. 97
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	



ALL SIDEWALKS SLOPE 1% TOWARDS ROADWAY UNLESS OTHERWISE SHOWN



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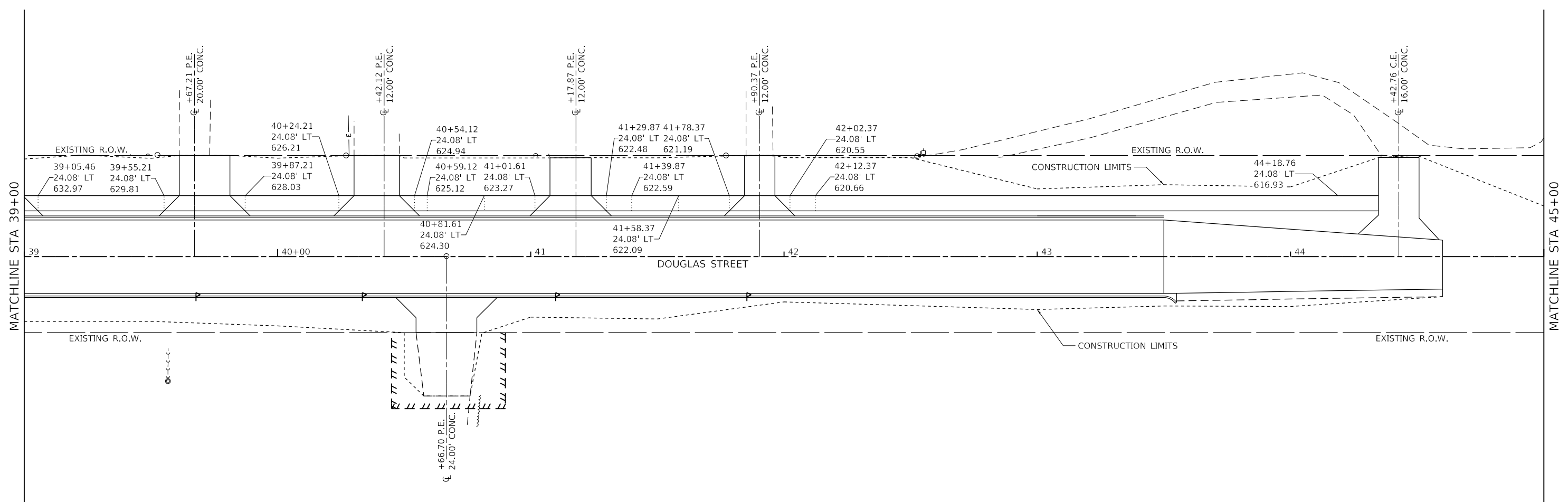
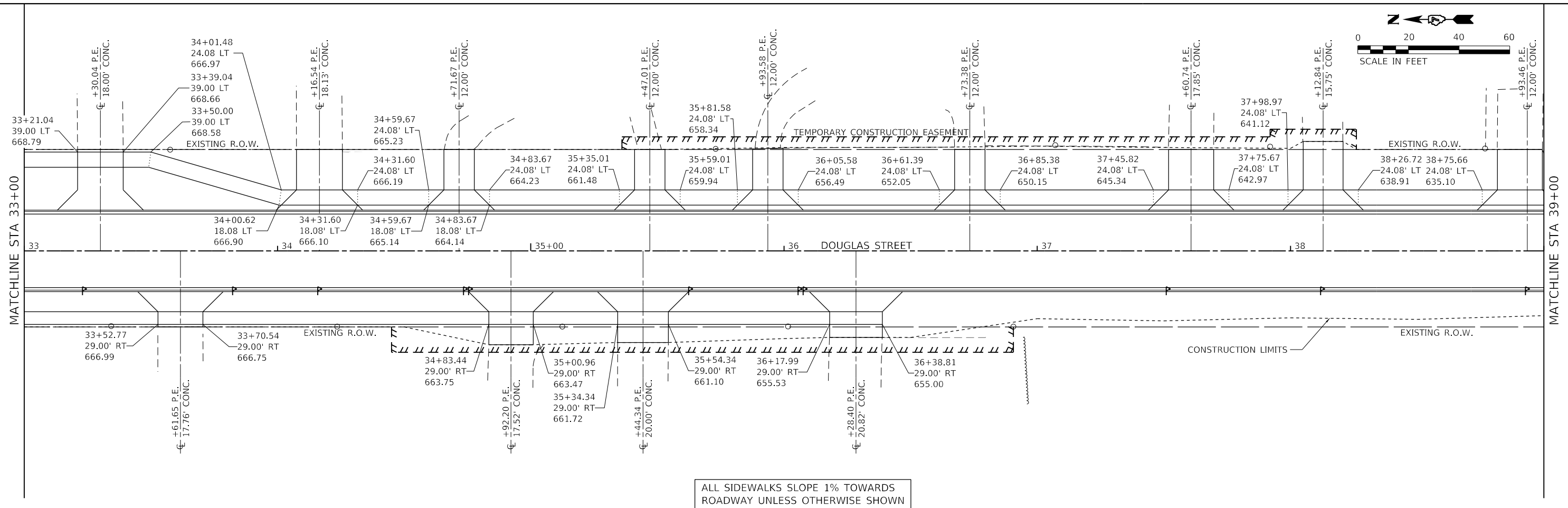
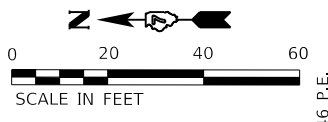
**The Upchurch Group**  
 architects engineers surveyors  
 Professional Design Firm Corporation  
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 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - TLW	REVISED -
TUG PROJECT NO. 3120055	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>DOUGLAS STREET RECONSTRUCTION</b>		F.A.U. RTE. 7640	SECTION 19-00118-00-WR	COUNTY COLES	TOTAL SHEETS 154	SHEET NO. 98
SCALE: 40.0000' / in.		SHEET 2 OF 3 SHEETS		STA. 21+00 TO STA. 33+00	CONTRACT NO. 95958	

ILLINOIS	FED. AID PROJECT
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 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42  
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 PLOT DATE = 4/10/2024

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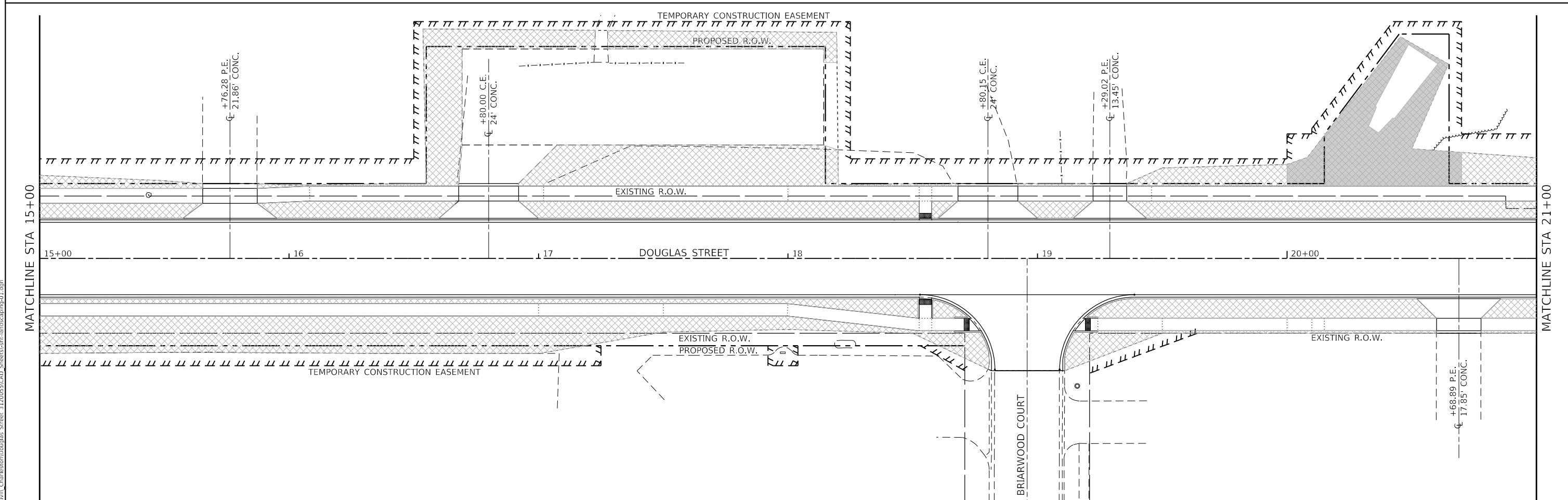
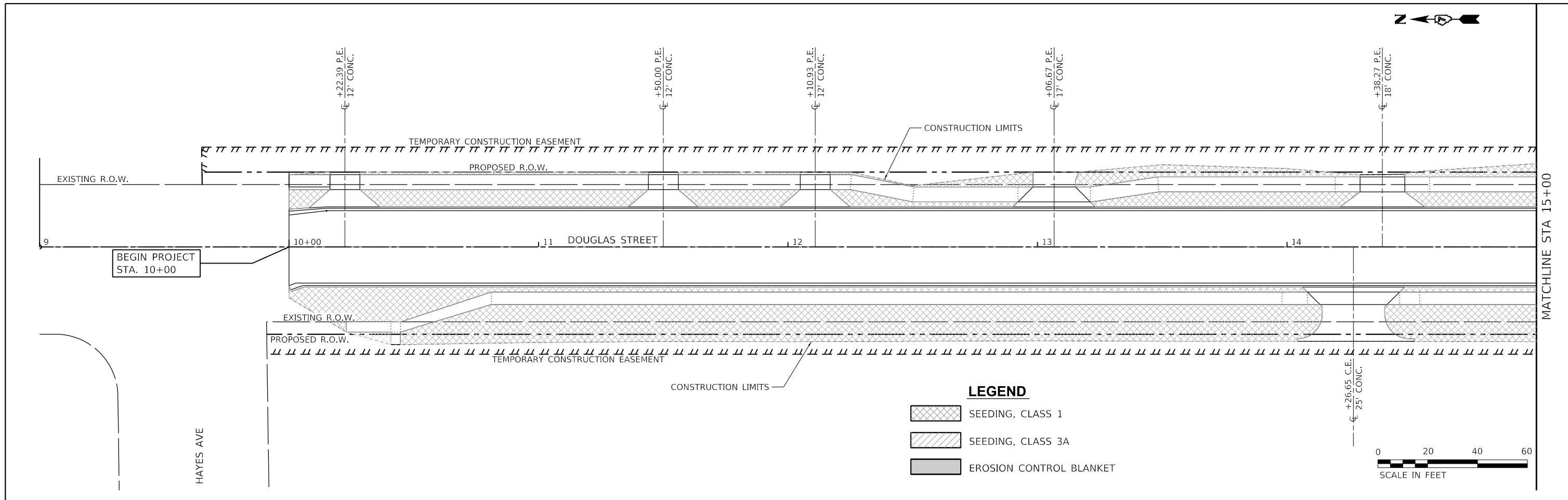
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**SIDEWALK INTERSECTION PLANS**  
 SCALE: 40.0000 ' / in SHEET 3 OF 3 SHEETS STA. 33+00 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	99
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				





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 Professional Design Firm Corporation  
 123 North 15th Street  
 Moline, IL 61938  
 Phone: 317.235.3177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - TLW	REVISED -
TUG PROJECT NO. 3120055	DRAWN -	REVISED -
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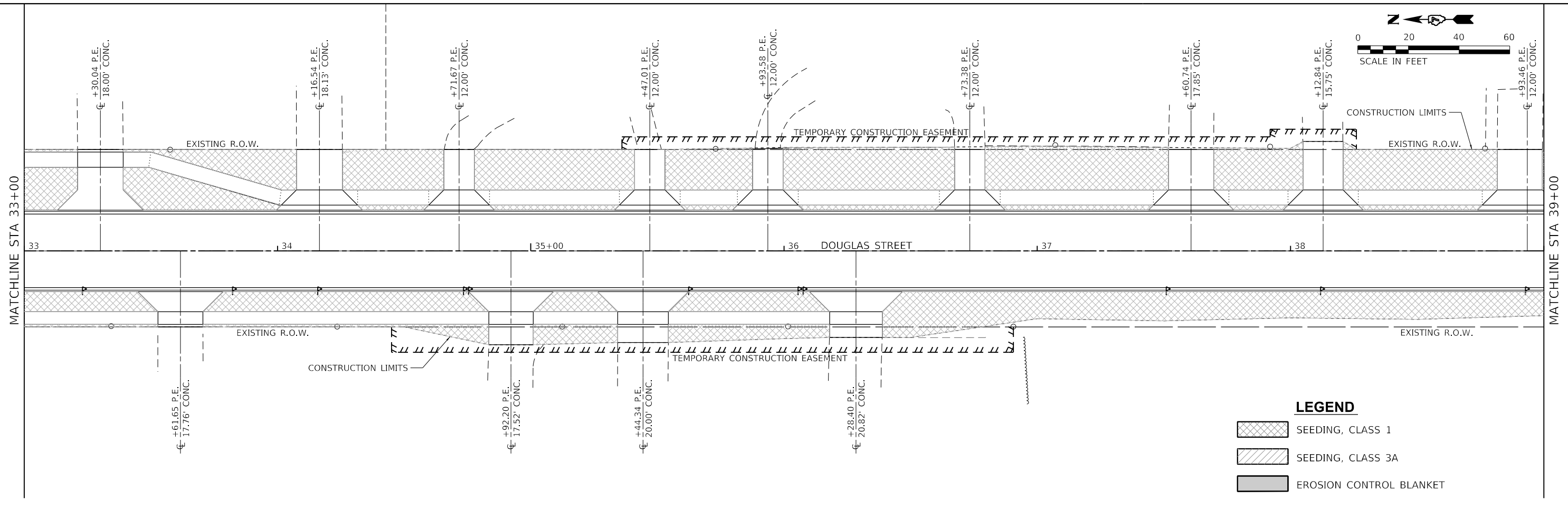
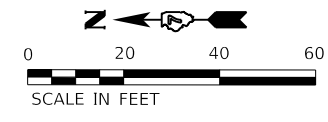
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**LANDSCAPING PLAN**

SCALE: 40.0000' / in. SHEET 1 OF 4 SHEETS STA. 9+00 TO STA. 21+00

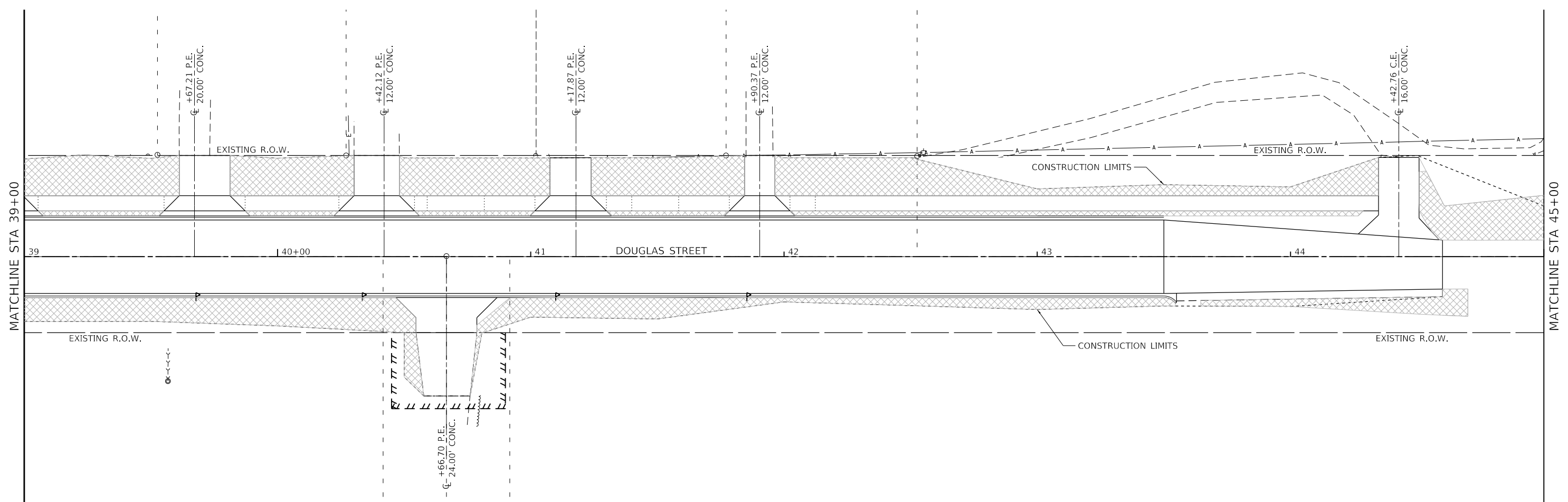
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7640	19-00118-00-WR	COLES	154	100
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				





**LEGEND**

	SEEDING, CLASS 1
	SEEDING, CLASS 3A
	EROSION CONTROL BLANKET



MODEL: D:\p\l\ The Upchurch Group architects engineers surveyors 123 North 15th Street Moline, IL 61438 Phone: 317.235.3177 License No. 184-003401 e-mail: upchurchgroup@upchurchgroup.com

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architects engineers surveyors  
Professional Design Firm Corporation  
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Moline, IL 61438  
Phone: 317.235.3177  
License No. 184-003401  
e-mail: upchurchgroup@upchurchgroup.com

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PLOT DATE = 4/10/2024

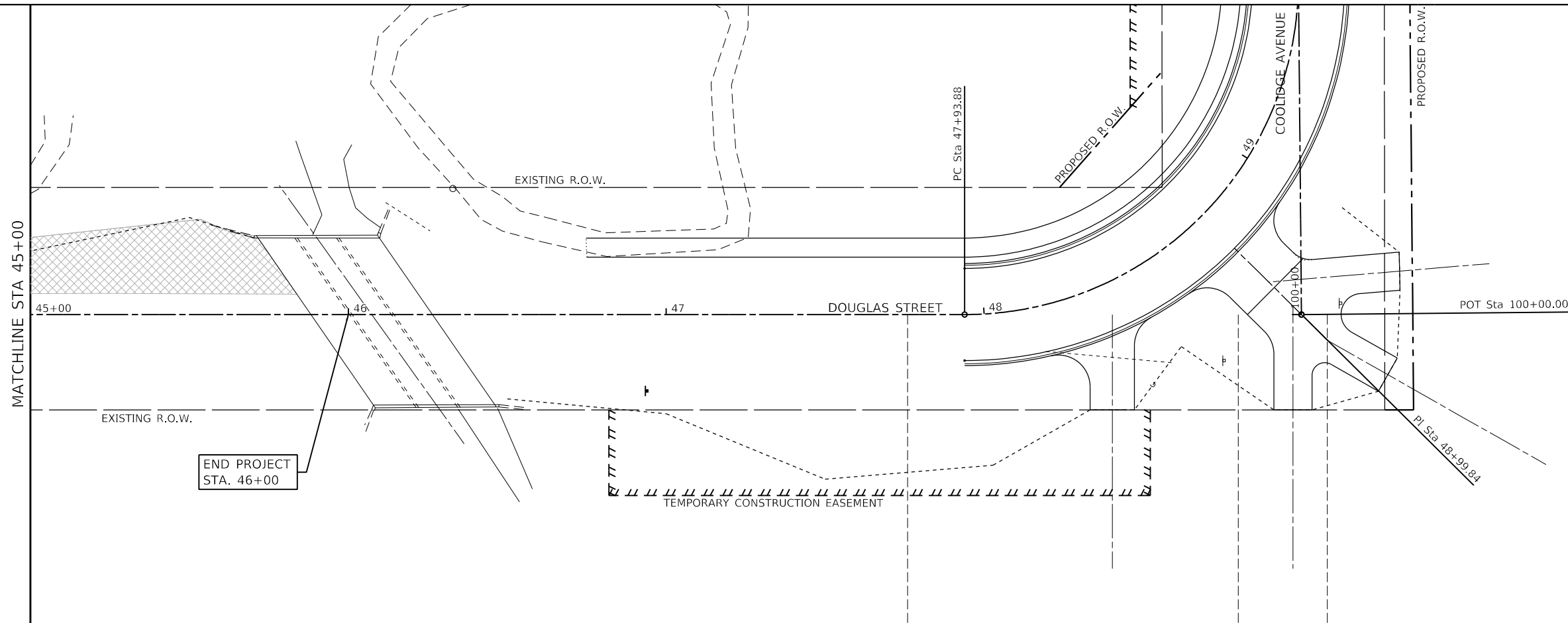
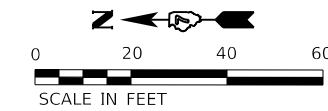
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REVISED -  
REVISED -




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
LANDSCAPING PLAN**  
SCALE: 40.0000' / in SHEET 3 OF 4 SHEETS STA. 33+00 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	102
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**LEGEND**

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**The Upchurch Group**  
 architects engineers surveyors  
 Professional Design Firm Corporation  
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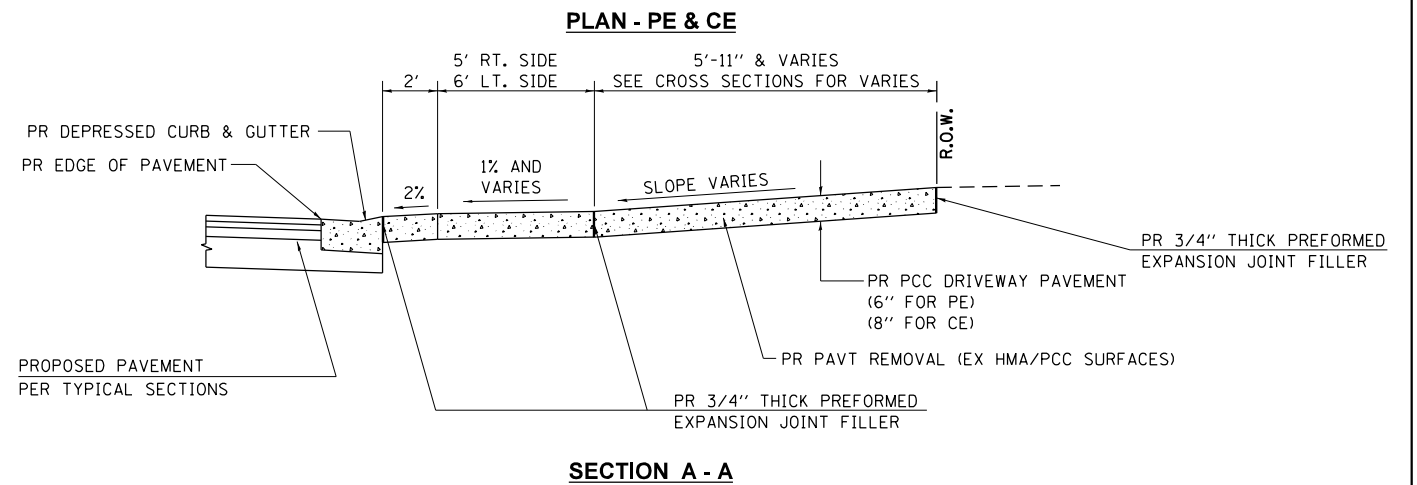
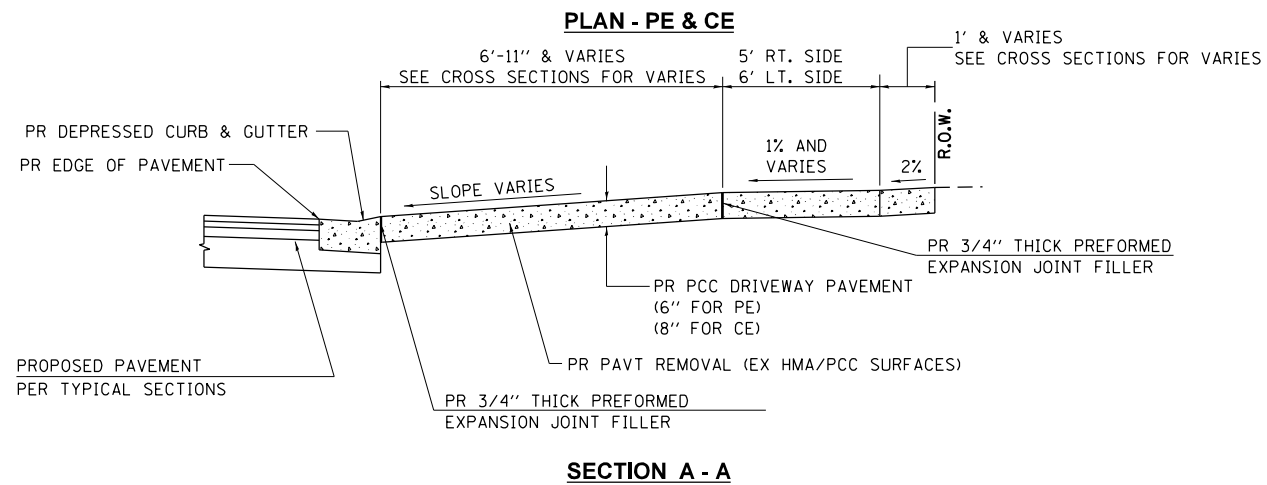
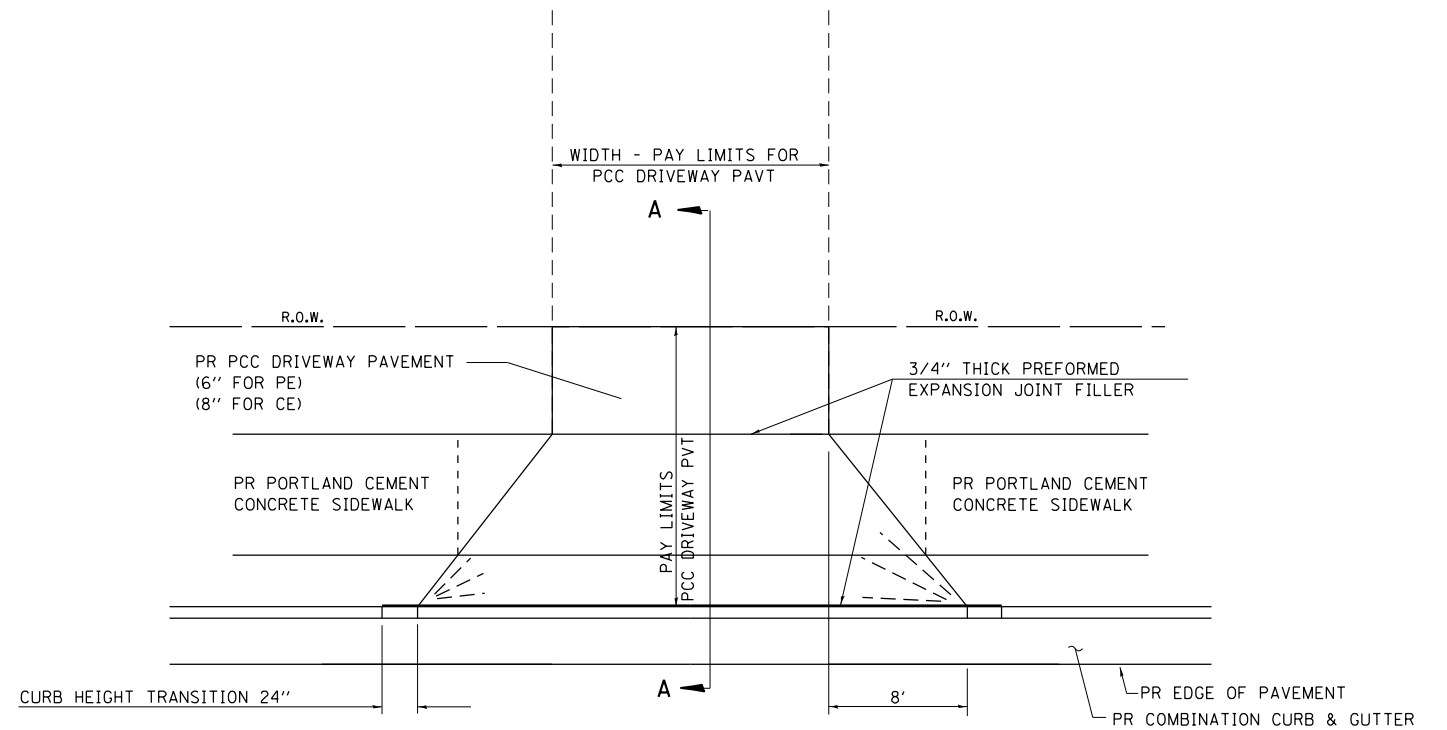
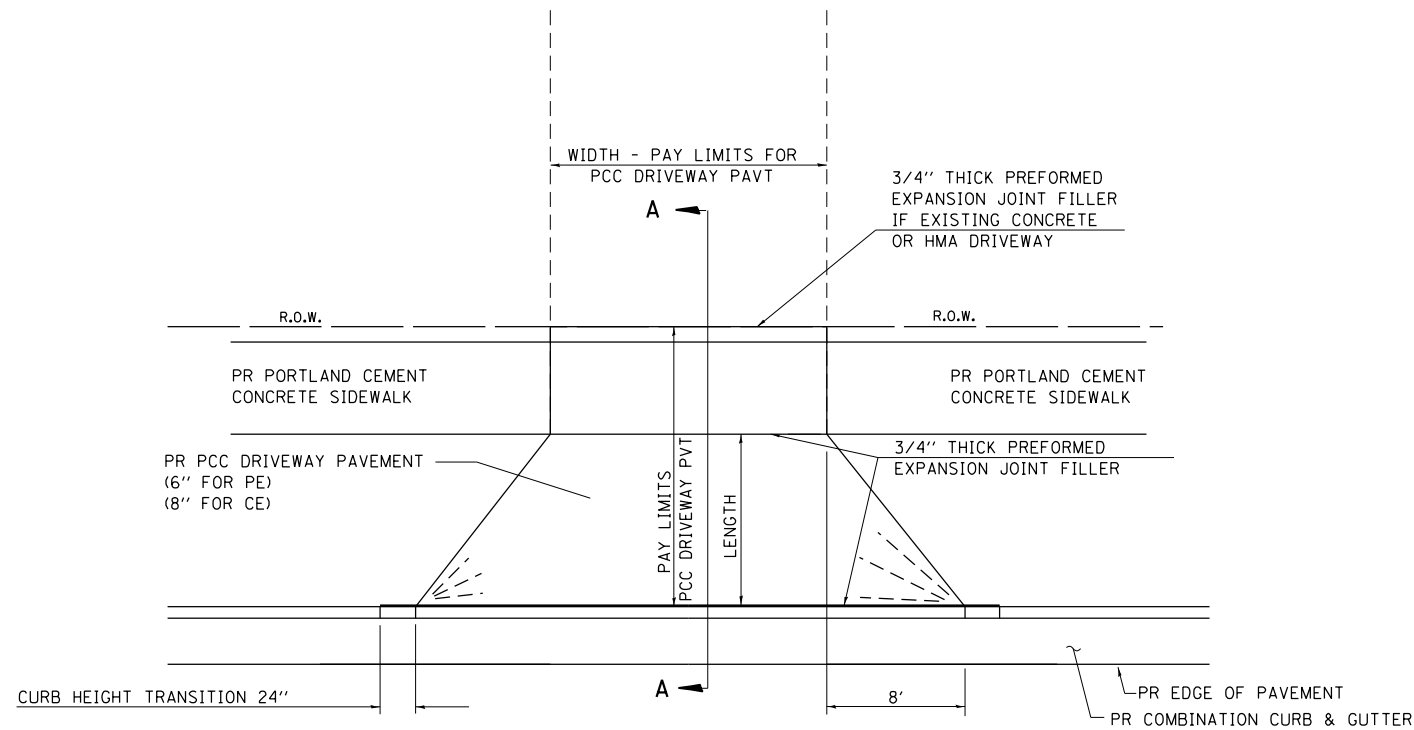
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PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 LANDSCAPING PLAN**

SCALE: 40.0000 ' / in. SHEET 4 OF 4 SHEETS STA. 45+00 TO STA. 48+99.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	103
ILLINOIS FED. AID PROJECT			CONTRACT NO. 95958	



**NOTES:**

1. SEE SIDEWALK GRADING PLANS FOR LOCATION OF SIDEWALK.
2. SEE CROSS SECTIONS FOR SLOPES AND LENGTHS OF ENTRANCES.
3. THE COST OF FURNISHING AND INSTALLING THE 3/4" PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.
4. SIDEWALK SHALL MATCH ENTRANCE THICKNESS THROUGH ENTRANCE.

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 The Upchurch Group  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 123 North 15th Street  
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 e-mail: upchurchgroup@upchurchgroup.com

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 Professional Design Firm Corporation  
 123 North 15th Street  
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 License No. 154-003401  
 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42  
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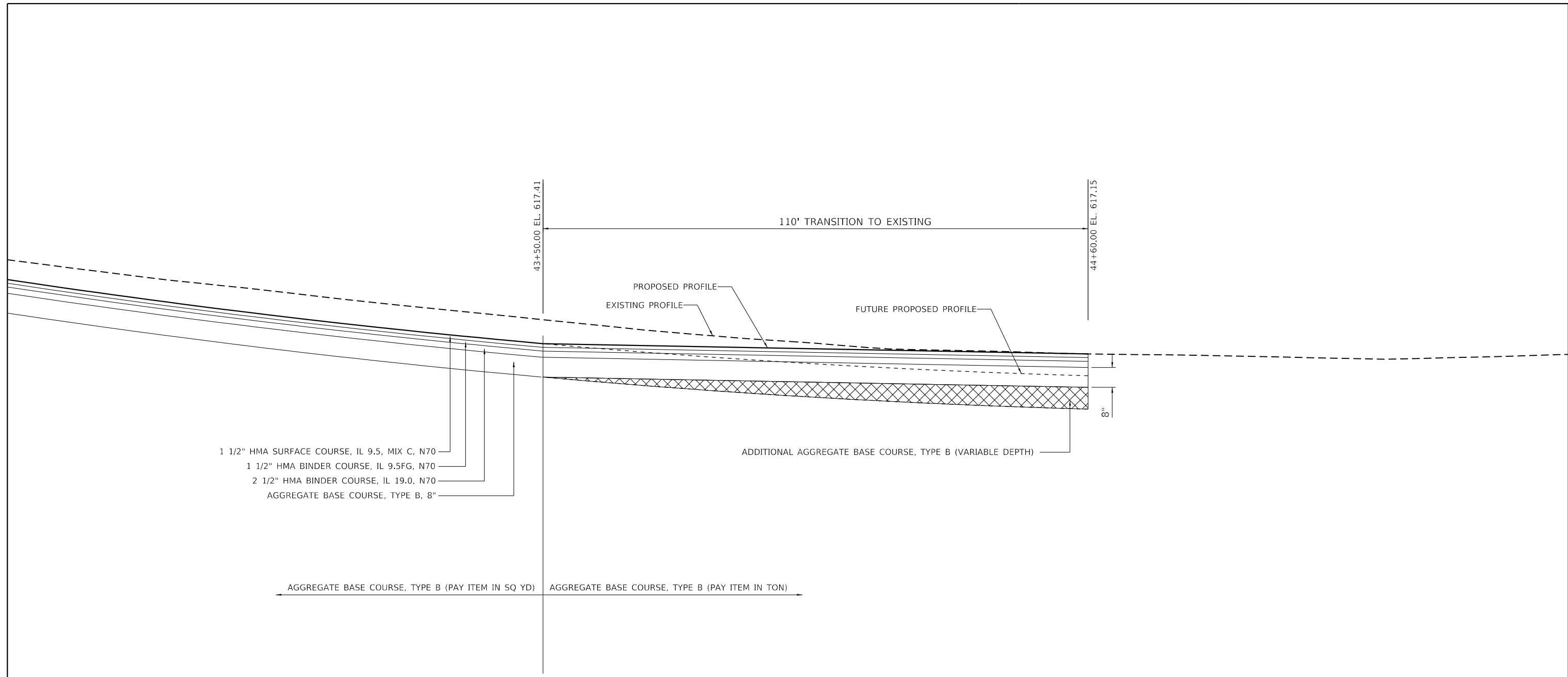
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 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**ENTRANCE DETAILS**

SCALE: 100.0000' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	104
CONTRACT NO. 95958				
ILLINOIS		FED. AID PROJECT		



### PAVEMENT TAPER DETAIL

STA. 43+50 TO 44+60

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 Professional Design Firm Corporation  
 License No. 154-003401  
 e-mail: upchurchgroup@upchurchgroup.com

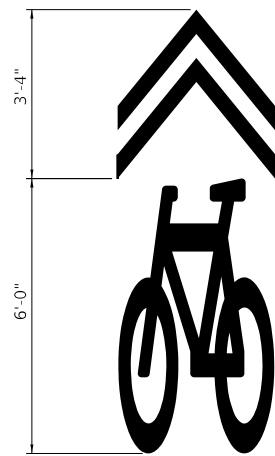
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PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**PAVEMENT TAPER DETAIL**

SCALE: 100.0000' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	105
CONTRACT NO. 95958				
ILLINOIS			FED. AID PROJECT	



SHARED-USE LANE SYMBOL  
 PER MUTCD FIGURE 9C-9 & STANDARD 7800001  
 8.0 SQ FT  
 PLACE AT 250' INTERVALS ALONG BOTH SIDES OF THE ROAD

**PAVEMENT MARKING DETAILS**



MUTCD SIGN W11-1  
 30" x 30"  
 6.25 SQ FT



MUTCD SIGN W1-2  
 30" x 30"  
 6.25 SQ FT

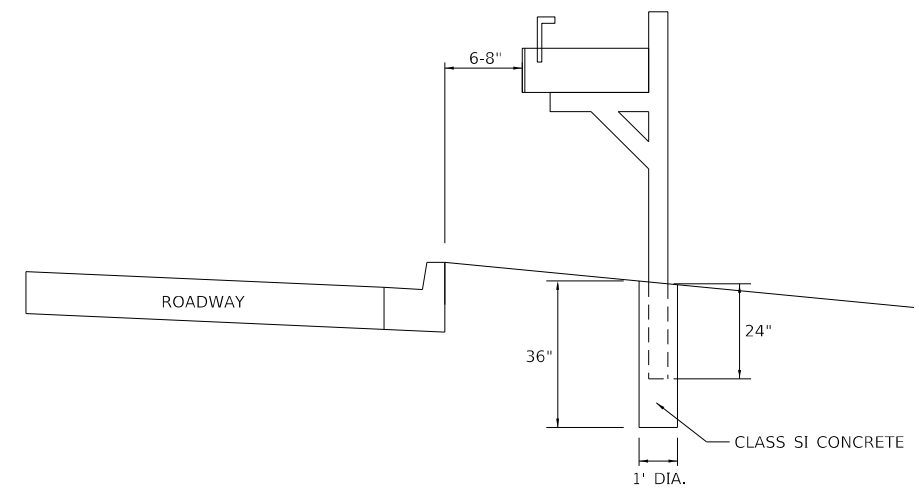


MUTCD SIGN W16-1  
 18" x 24"  
 3.0 SQ FT



MUTCD SIGN W13-1P  
 18" x 18"  
 2.25 SQ FT

**SIGNAGE DETAILS**



**MAILBOX DETAILS**

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 Matteson, IL 61438  
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 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - TLW	REVISED -
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PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

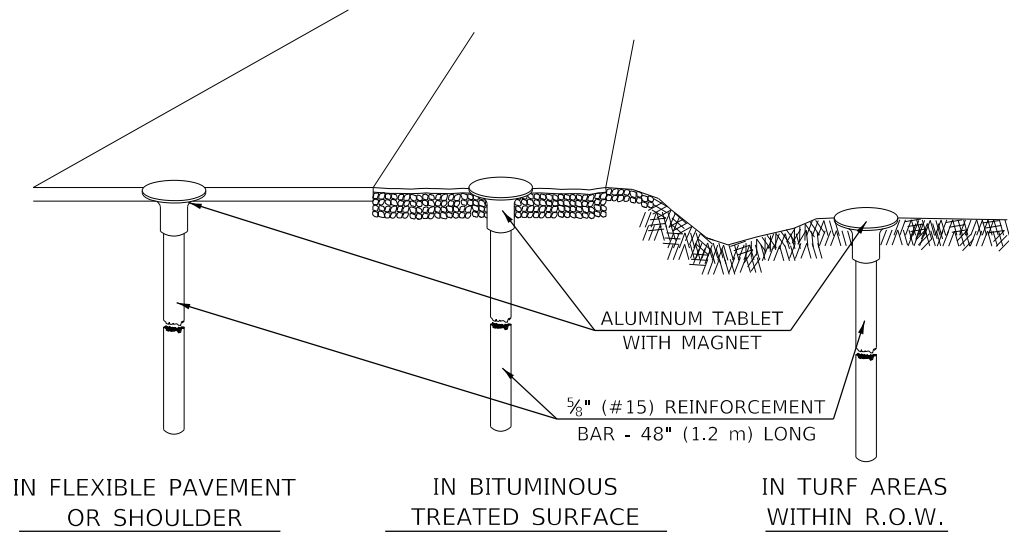
**DOUGLAS STREET RECONSTRUCTION  
 PAVEMENT MARKING, SIGNS & MAILBOX DETAILS**

SCALE: 100.0000' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	106
CONTRACT NO. 95958			ILLINOIS FED. AID PROJECT	

**XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)**

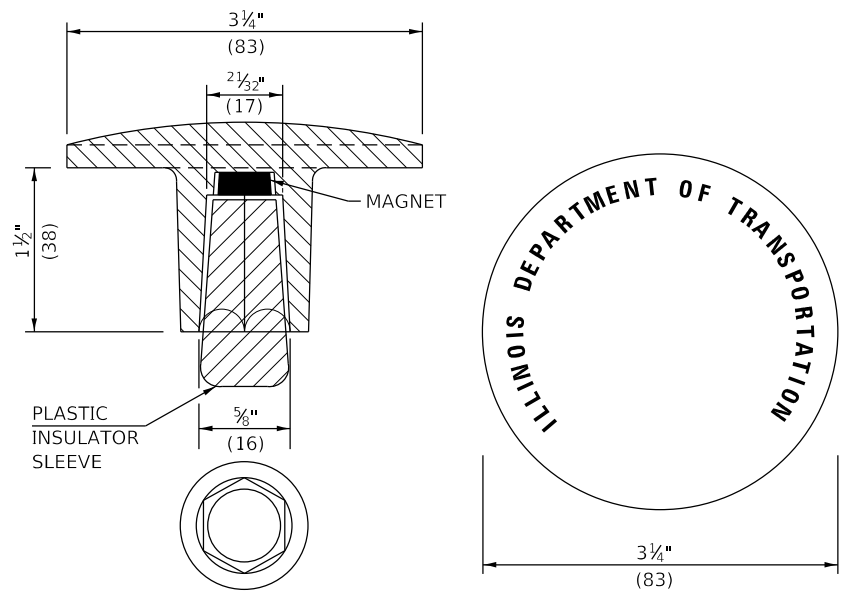
TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



IN FLEXIBLE PAVEMENT OR SHOULDER

IN BITUMINOUS TREATED SURFACE

IN TURF AREAS WITHIN R.O.W.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

**GENERAL NOTES**

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ±1/4" (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

**SPECIFICATIONS FOR ALUMINUM TABLET**

SURVEY CAP FOR REBAR. 3 1/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1 1/2" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

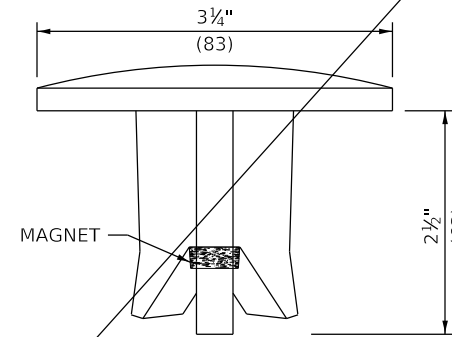
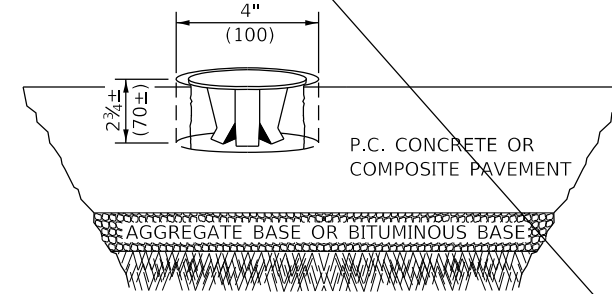
**SPECIFICATIONS FOR REBAR**

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE 5/8" (#15) X 48" (1.2 m) (DEFORMED).

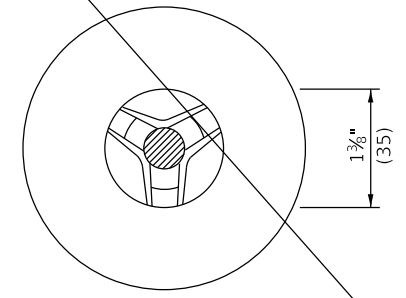
INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

**XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)**

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SIDE VIEW



BOTTOM VIEW

THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

**SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)**

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE 3 1/4" (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A 2 1/2" (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.

**GENERAL NOTES**

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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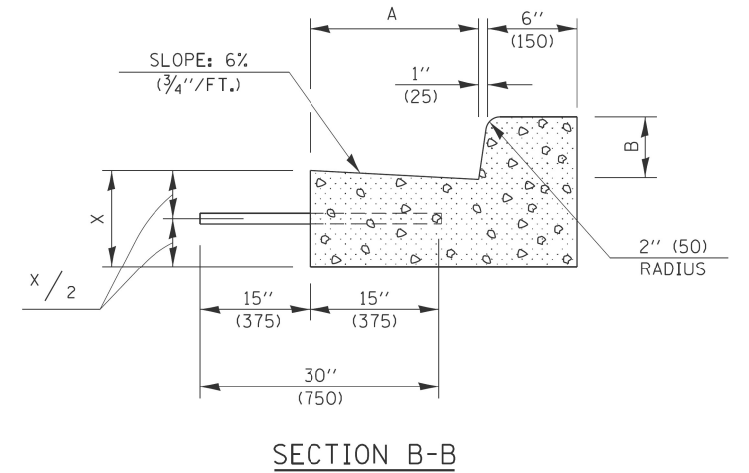
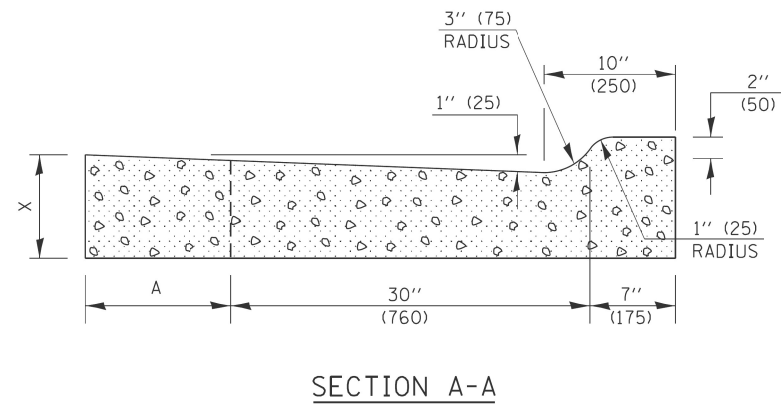
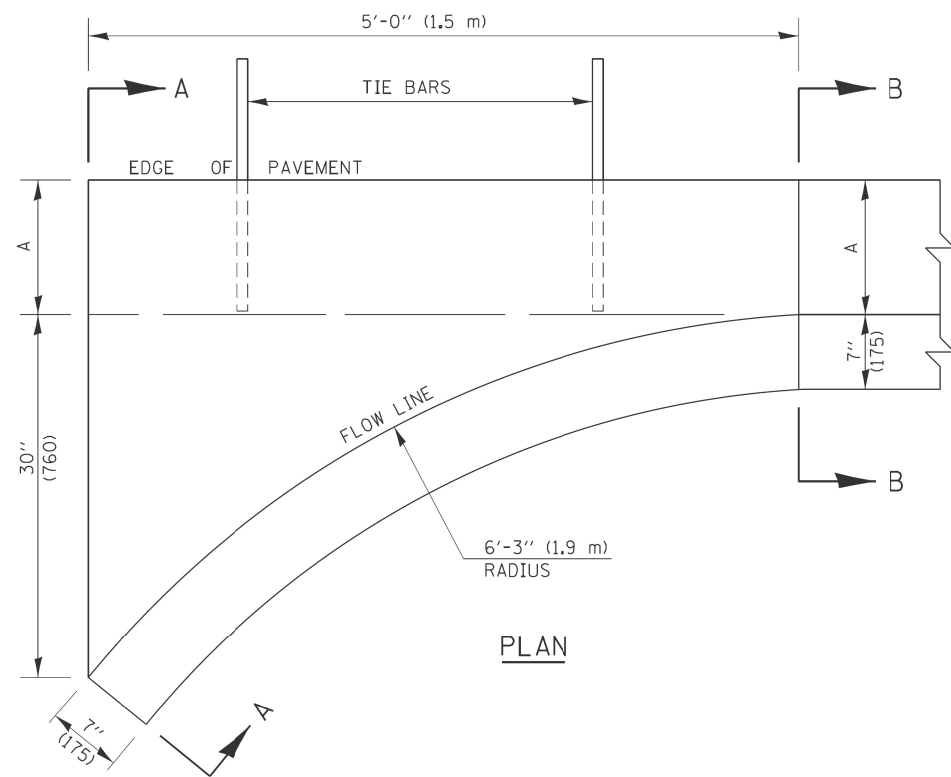
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PLOT DATE = 4/15/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DOUGLAS STREET RECONSTRUCTION SURVEY MARKERS TYPE 1 &amp; 2 (SPECIAL)</b>			
SCALE: 40,0000 ' / in.	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	107
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				





	B-6.12 (B-15.30)		B-9.12 (B-22.30)		B-6.18 (B-15.45)		B-9.18 (B-22.45)		B-6.24 (B-15.60)		B-9.24 (B-22.60)	
A	12'' (300)	12'' (300)	12'' (300)	12'' (300)	18'' (450)	18'' (450)	18'' (450)	18'' (450)	24'' (600)	24'' (600)	24'' (600)	24'' (600)
B	6'' (150)	6'' (150)	9'' (225)	9'' (225)	6'' (150)	6'' (150)	9'' (225)	9'' (225)	6'' (150)	6'' (150)	9'' (225)	9'' (225)
X	9'' (225)	10'' (250)	9'' (225)	10'' (250)	9'' (225)	10'' (250)	9'' (225)	10'' (250)	9'' (225)	10'' (250)	9'' (225)	10'' (250)
CU. YD. (m <sup>3</sup> )	0.37 (0.28)	0.42 (0.32)	0.38 (0.29)	0.42 (0.32)	0.44 (0.34)	0.49 (0.37)	0.45 (0.34)	0.50 (0.38)	0.51 (0.39)	0.56 (0.43)	0.52 (0.40)	0.57 (0.44)

CLASS SI CONCRETE (OUTLET)

SECTION A-A

SECTION B-B

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. TIE BARS SHALL BE NO. 6 (NO. 20) AT 24'' (600 mm) CENTERS UNLESS OTHERWISE SHOWN. OUTLETS SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
3. WHEN SPECIAL OUTLET IS CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENT, THE TIE BARS SHALL BE OMITTED AND ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWEL BAR CONFORMING TO ARTICLE 1006.11(b).
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. (m<sup>3</sup>) FOR CLASS SI CONCRETE (OUTLET), SPECIAL. TIE BARS WILL BE PAID FOR SEPARATELY ACCORDING TO ARTICLE 508.07.

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. X6060097

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CLASS SI CONCRETE (OUTLET), SPECIAL

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DOUGLAS STREET RECONSTRUCTION  
D7 - CLASS SI CONCRETE (OUTLET), SPECIAL

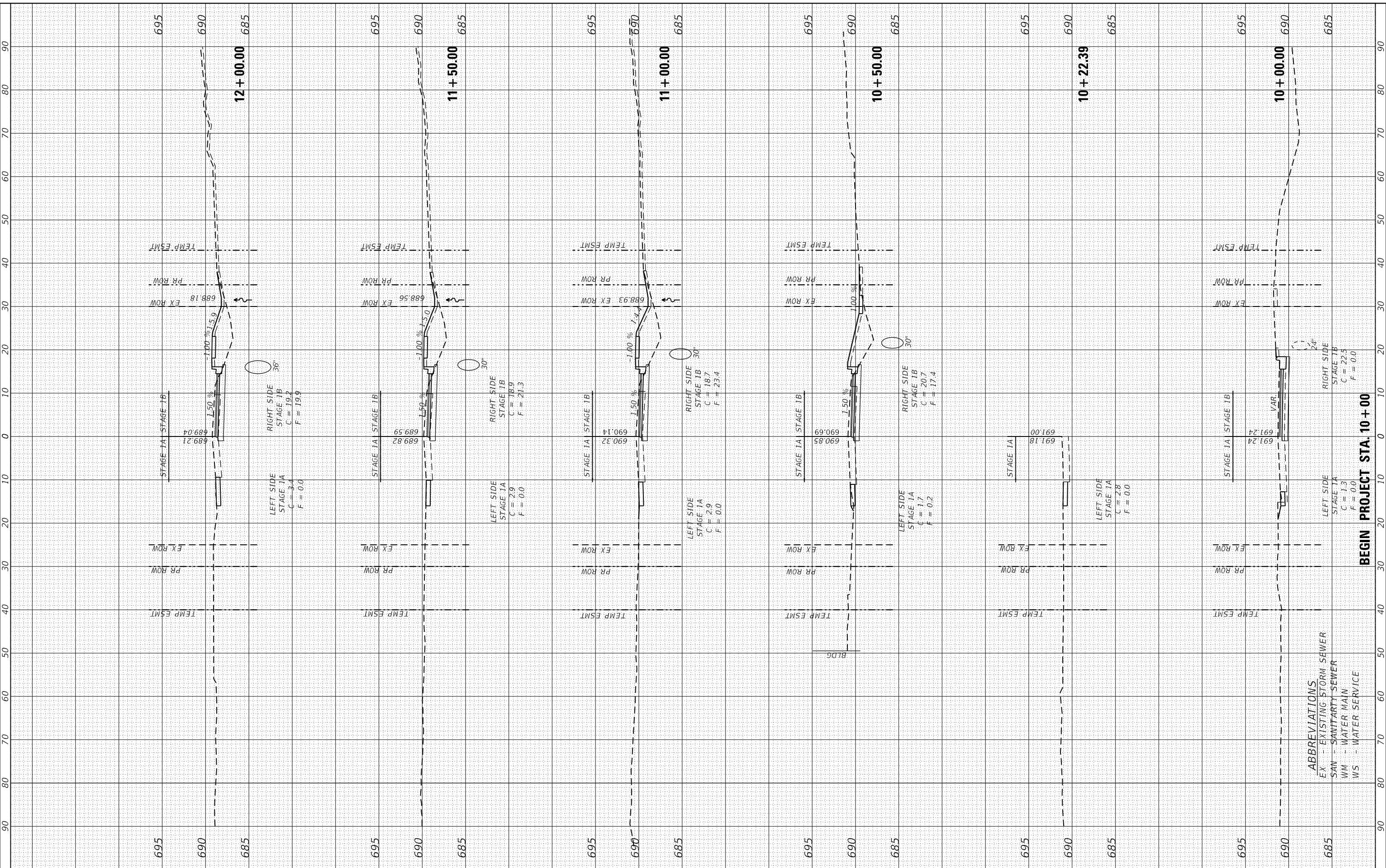
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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PLOT DATE	= 4/10/2024

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DATE	- 11/30/23

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REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 1A & 1B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 1 OF 7 SHEETS STA. 10+00.00 TO STA. 12+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	109
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
 WS - WATER SERVICE

**BEGIN PROJECT STA. 10+00**

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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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	AREAS CHECKED		
	AREAS CHECKED		

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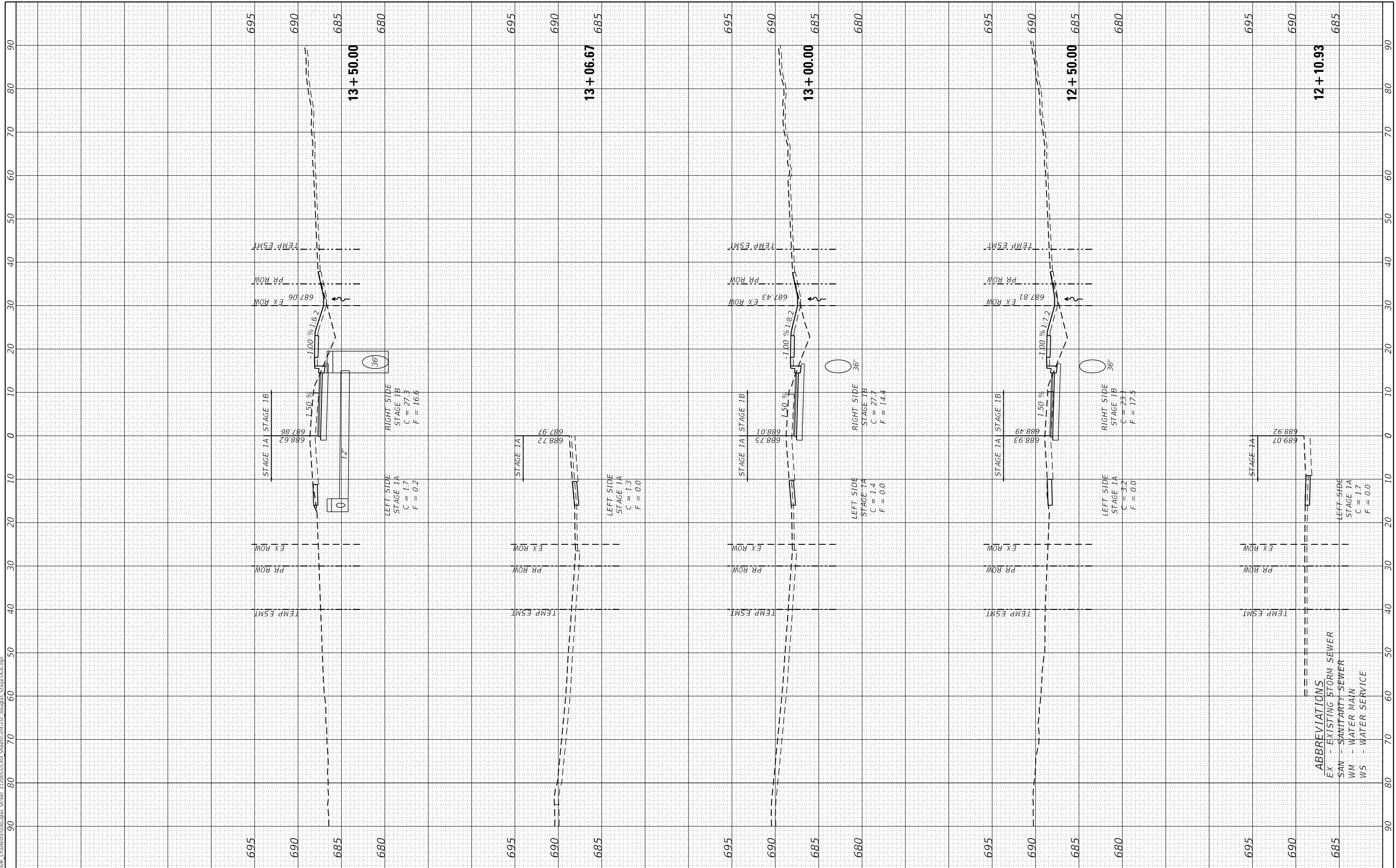
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 1A & 1B CROSS SECTIONS**

SCALE: 20.0000' / in SHEET 2 OF 7 SHEETS STA. 12+10.93 TO STA. 13+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

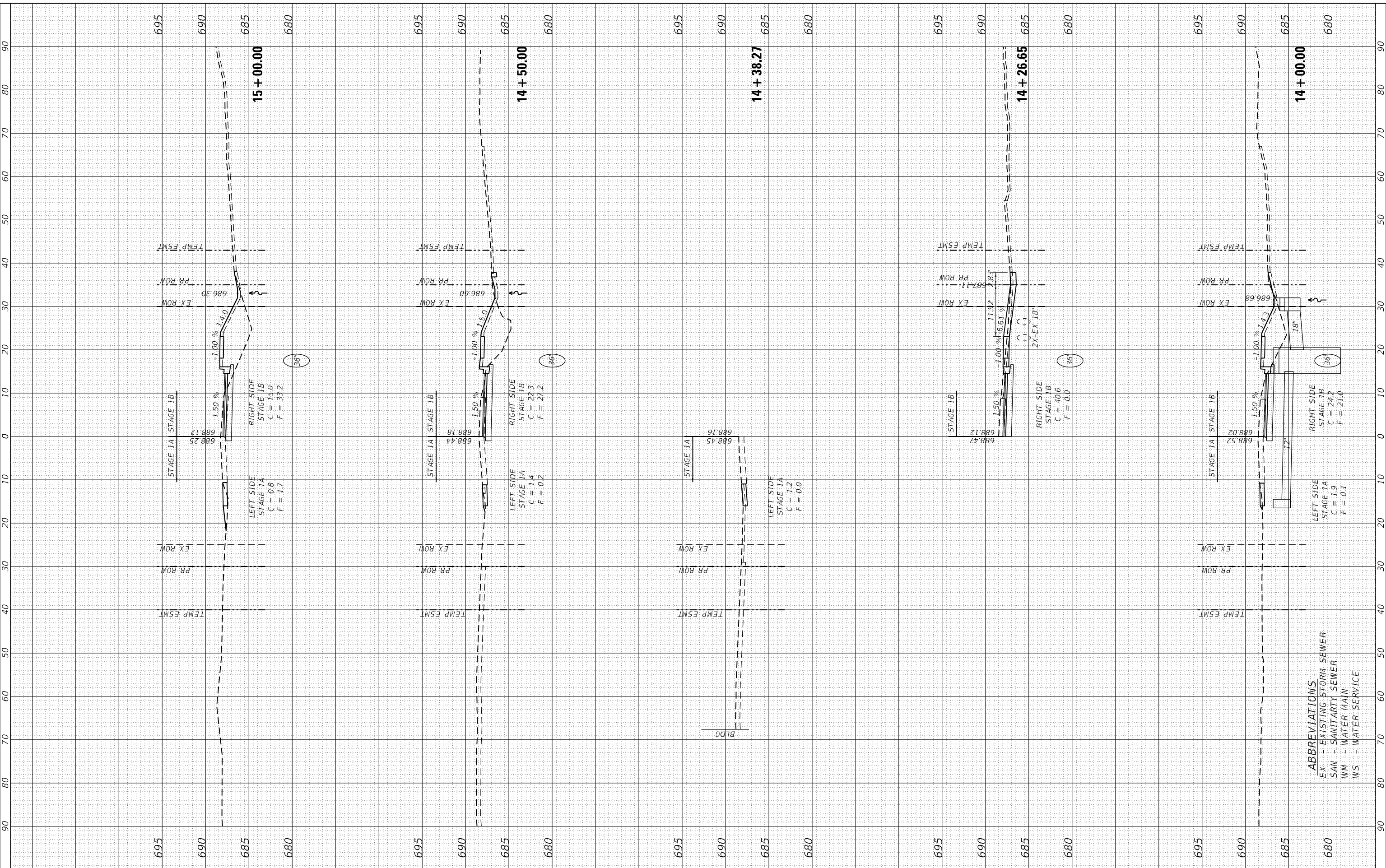


**ABBREVIATIONS**  
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 SAN - SANITARY SEWER  
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 WS - WATER SERVICE

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DATE	- 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 1A & 1B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 3 OF 7 SHEETS STA. 14+00.00 TO STA. 15+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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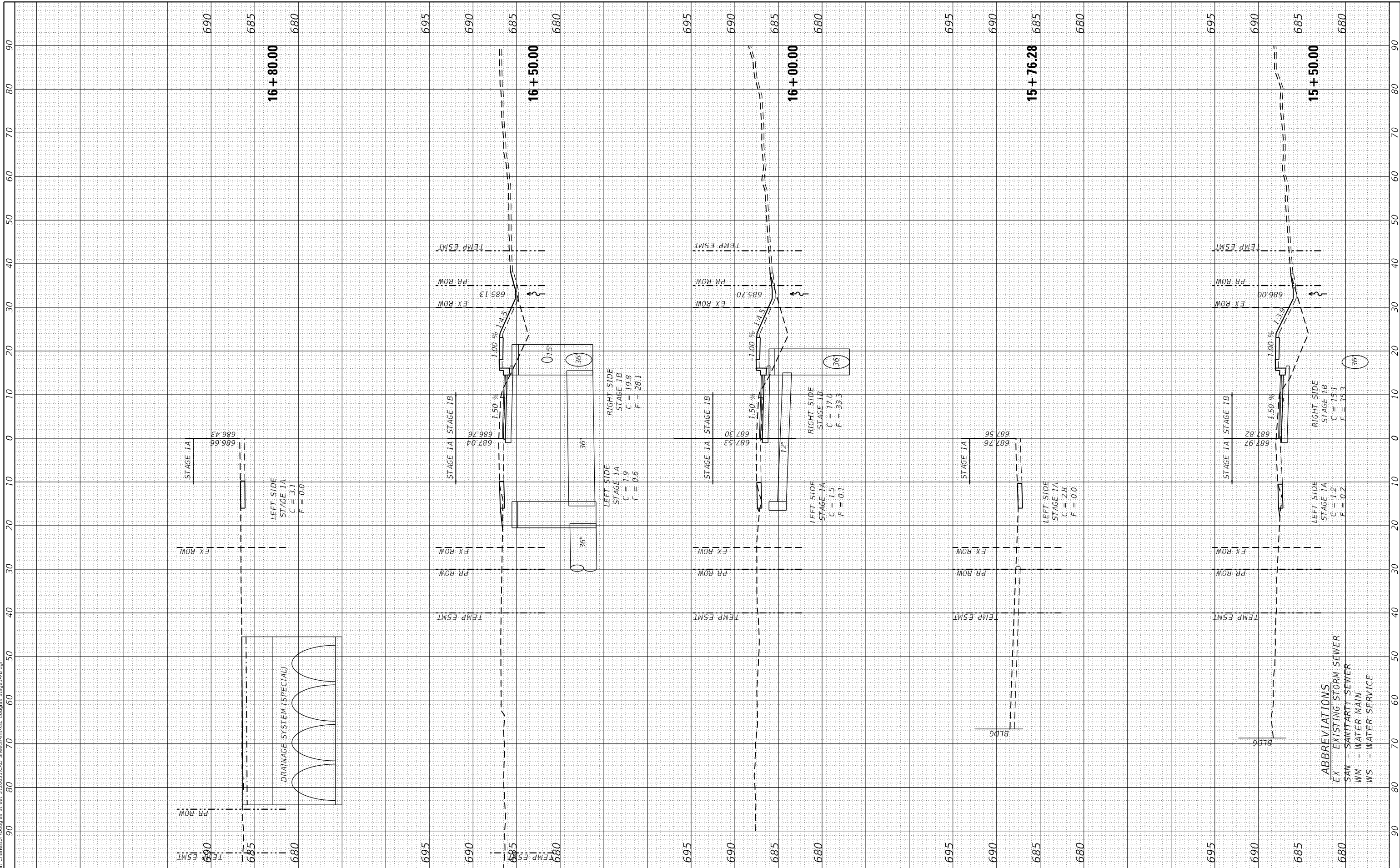
**ABBREVIATIONS**  
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FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

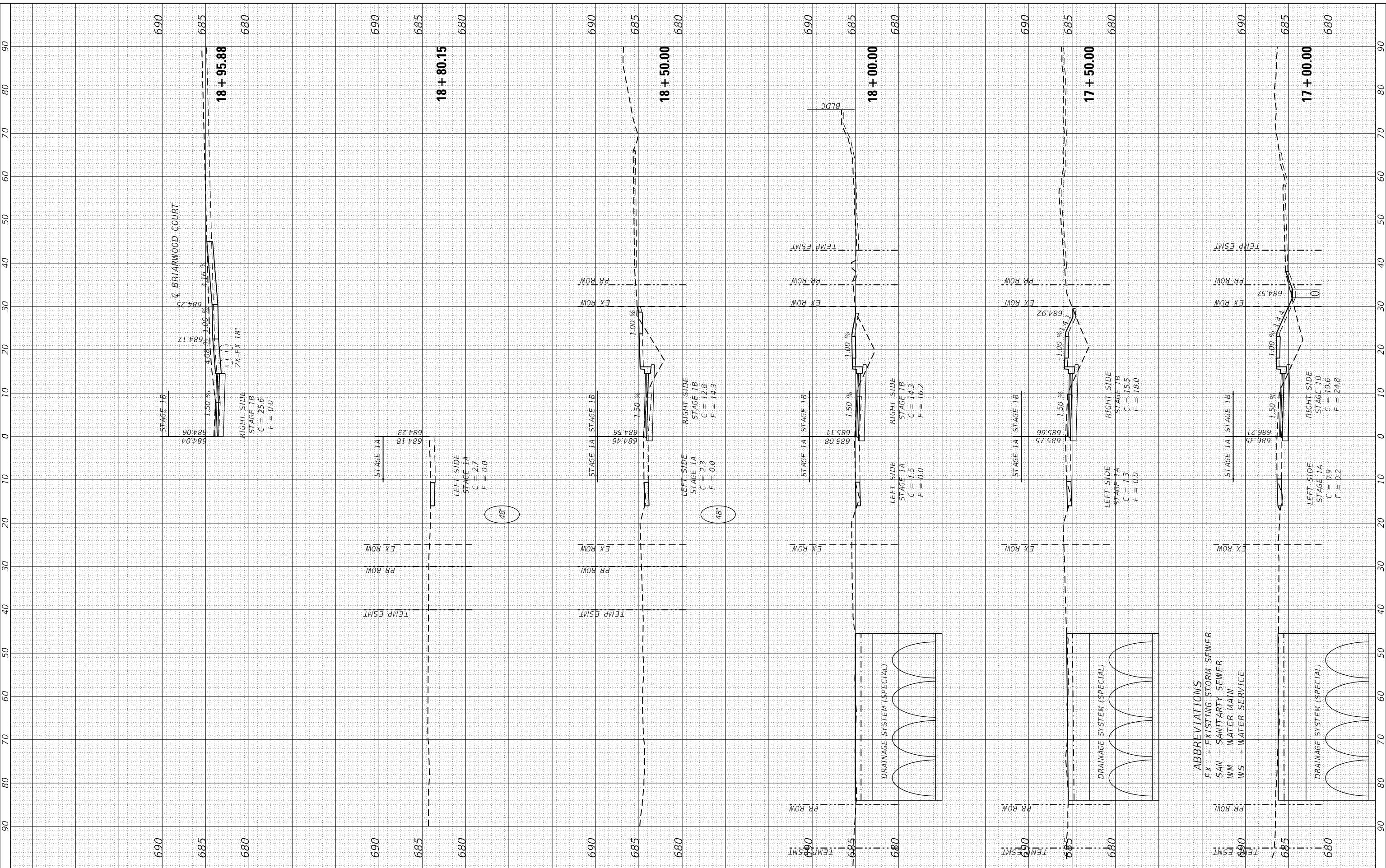
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**STAGE 1A & 1B CROSS SECTIONS**  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 95958				
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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DATE	- 11/30/23

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**STATE OF ILLINOIS  
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**DOUGLAS STREET RECONSTRUCTION  
 STAGE 1A & 1B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 5 OF 7 SHEETS STA. 17+00.00 TO STA. 18+95.88

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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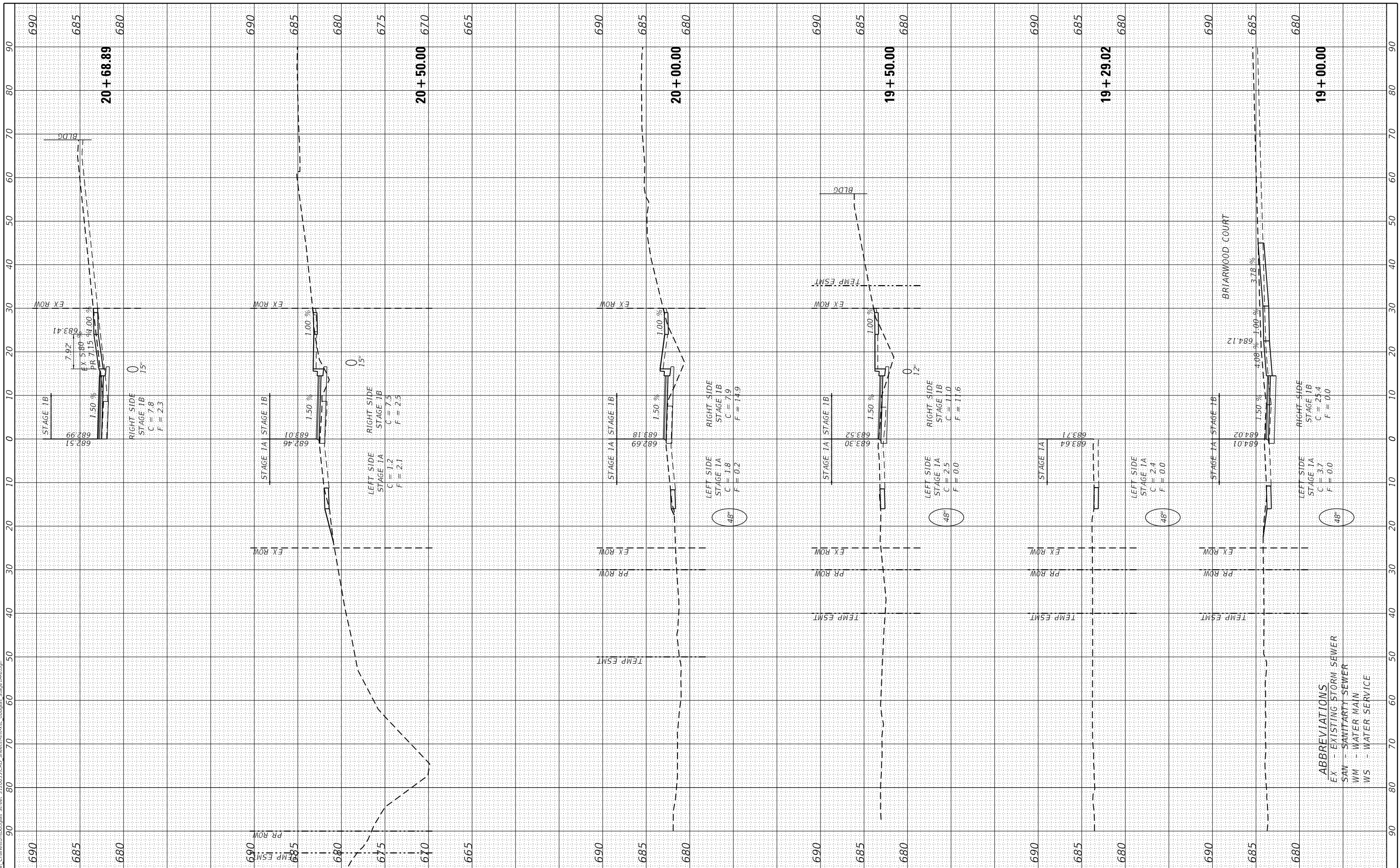
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 1A & 1B CROSS SECTIONS**

SCALE: 20.0000' / in SHEET 6 OF 7 SHEETS STA. 19+00.00 TO STA. 20+68.89

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

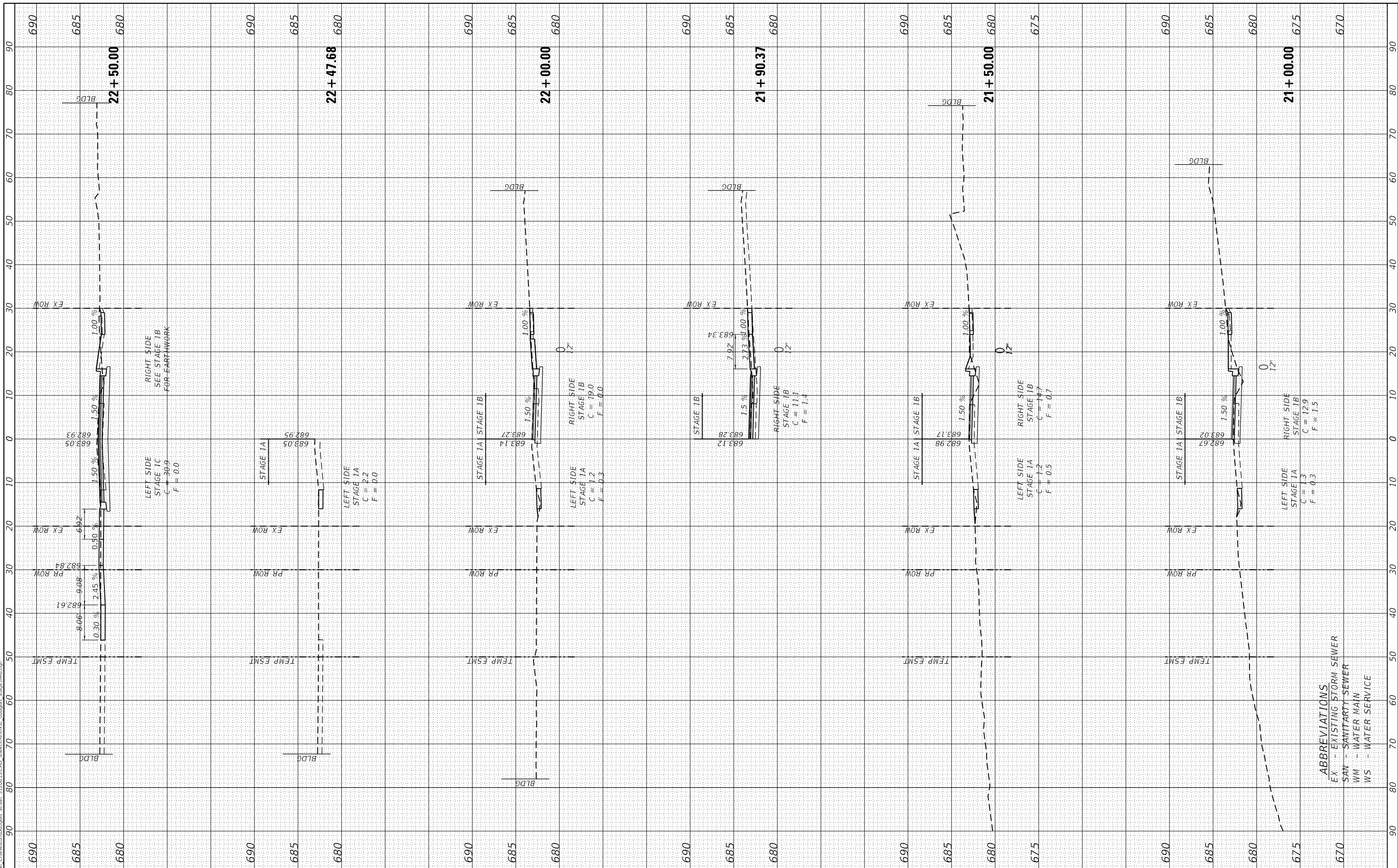


**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
 WS - WATER SERVICE

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

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

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 1A & 1B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 7 OF 7 SHEETS STA. 21+00.00 TO STA. 22+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT				

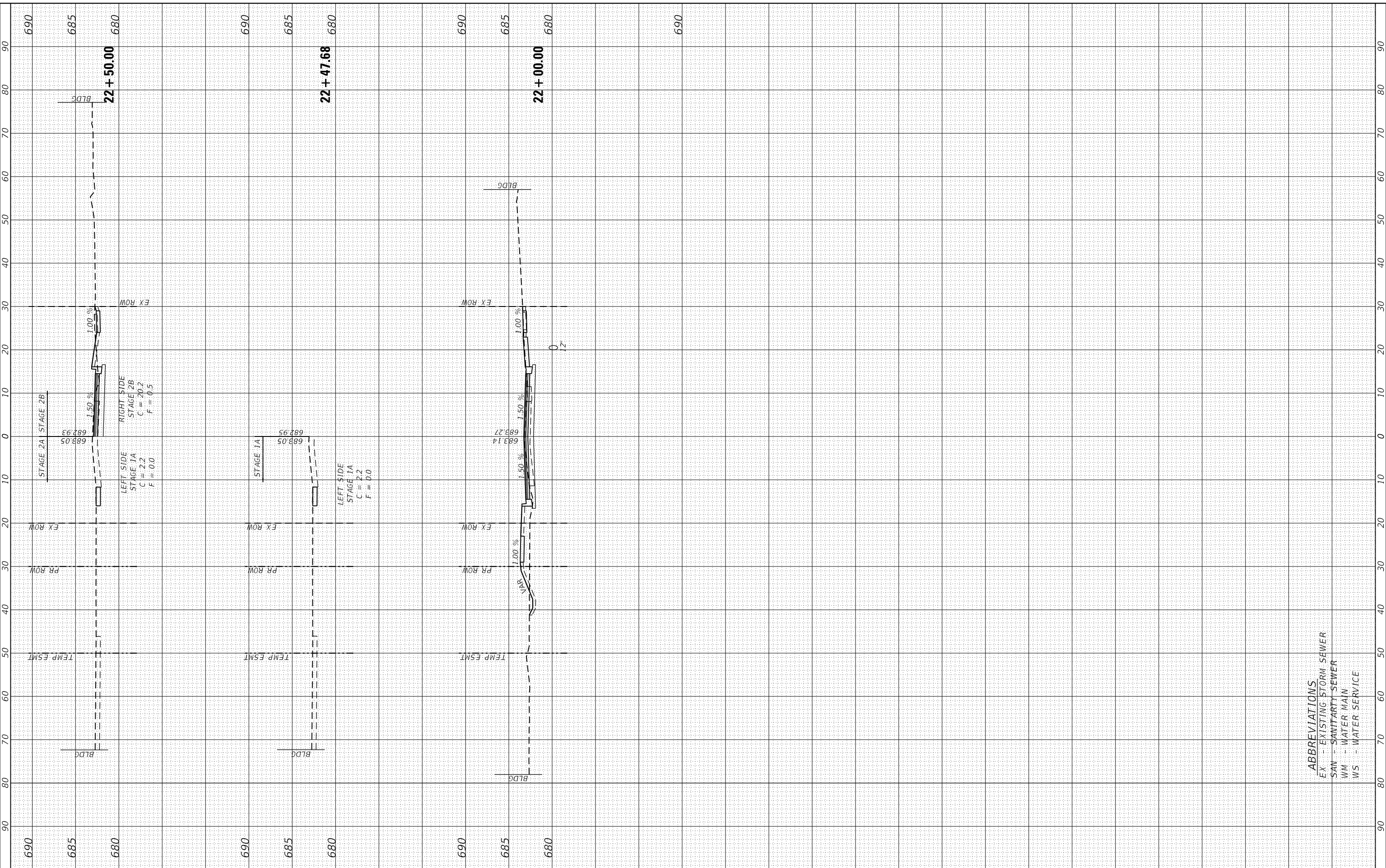
**ABBREVIATIONS**  
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FINAL SURVEY	SURVEYED	BY	DATE
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NO.	TEMPLATE		
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 Professional Design Firm Corporation  
 123 North 15th Street  
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 License No. 184-003401  
 Phone: 317.253.3177  
 e-mail: upchurchgroup@upchurchgroup.com

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TUG PROJECT NO. 3120055	DRAWN -	REVISED -
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PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 2A & 2B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 1 OF 8 SHEETS STA. 21+00.00 TO STA. 22+50.00

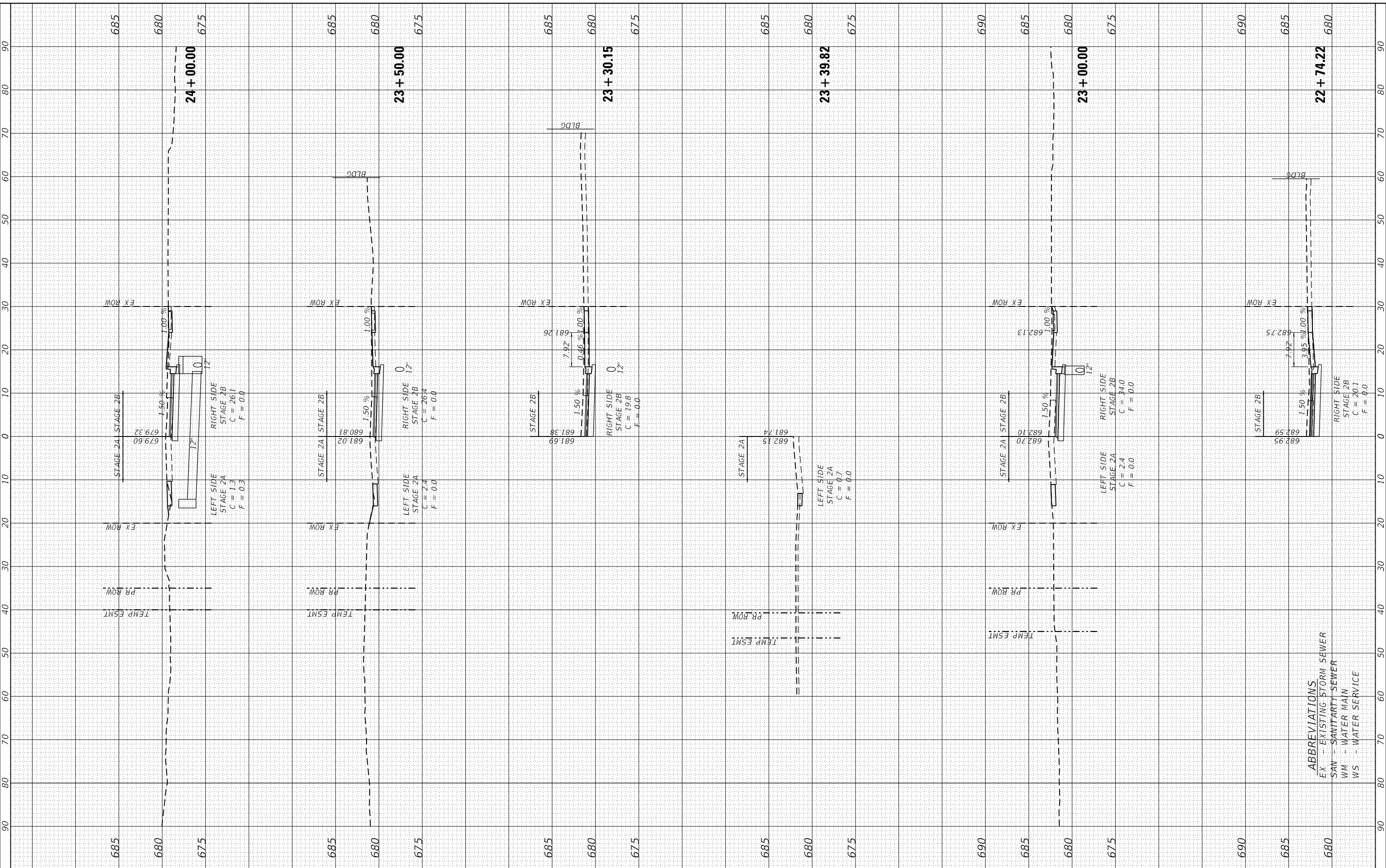
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	116
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
 WS - WATER SERVICE

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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**The Upchurch Group**  
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TUG PROJECT NO.	3120055
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 4/10/2024

DESIGNED	- TLW
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CHECKED	- SJF
DATE	- 11/30/23

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**STAGE 2A & 2B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 2 OF 8 SHEETS STA. 22+74.22 TO STA. 24+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLE5	154	117
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
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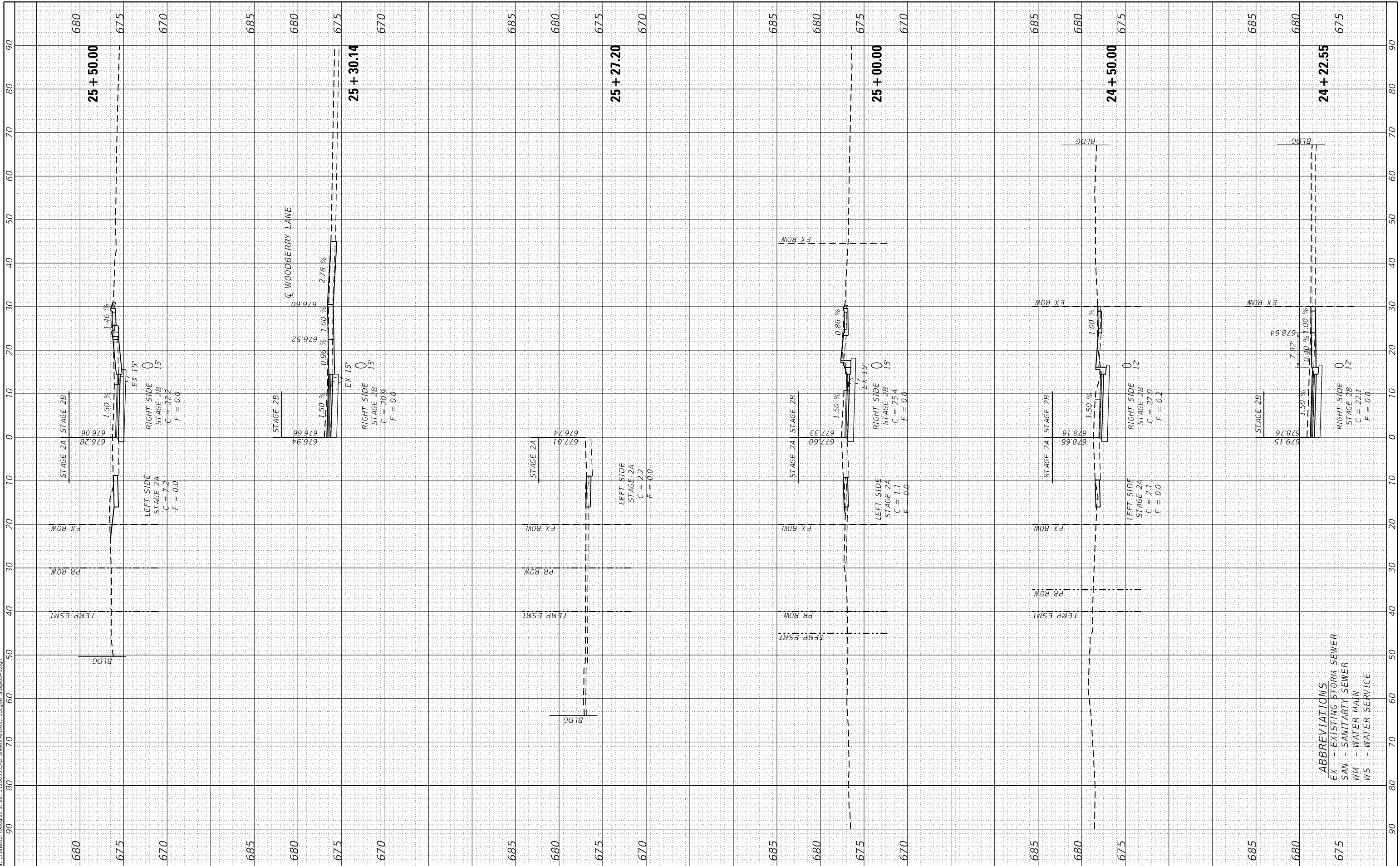
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 2A & 2B CROSS SECTIONS**

SCALE: 20.0000' / in SHEET 3 OF 8 SHEETS STA. 24+22.55 TO STA. 25+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	118
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
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FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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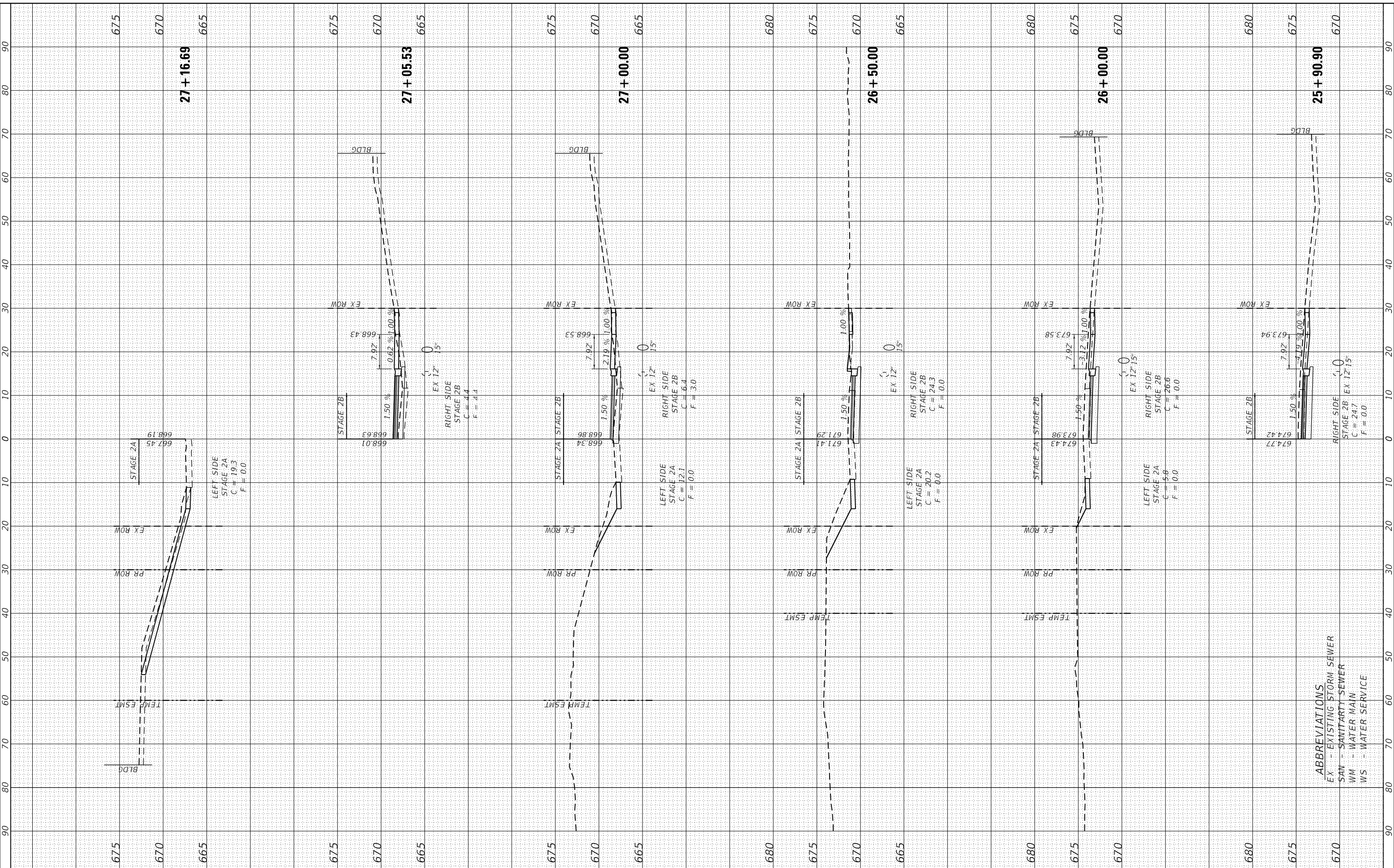
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DATE	- 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 2A & 2B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 4 OF 8 SHEETS STA. 25+90.90 TO STA. 27+16.69

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	119
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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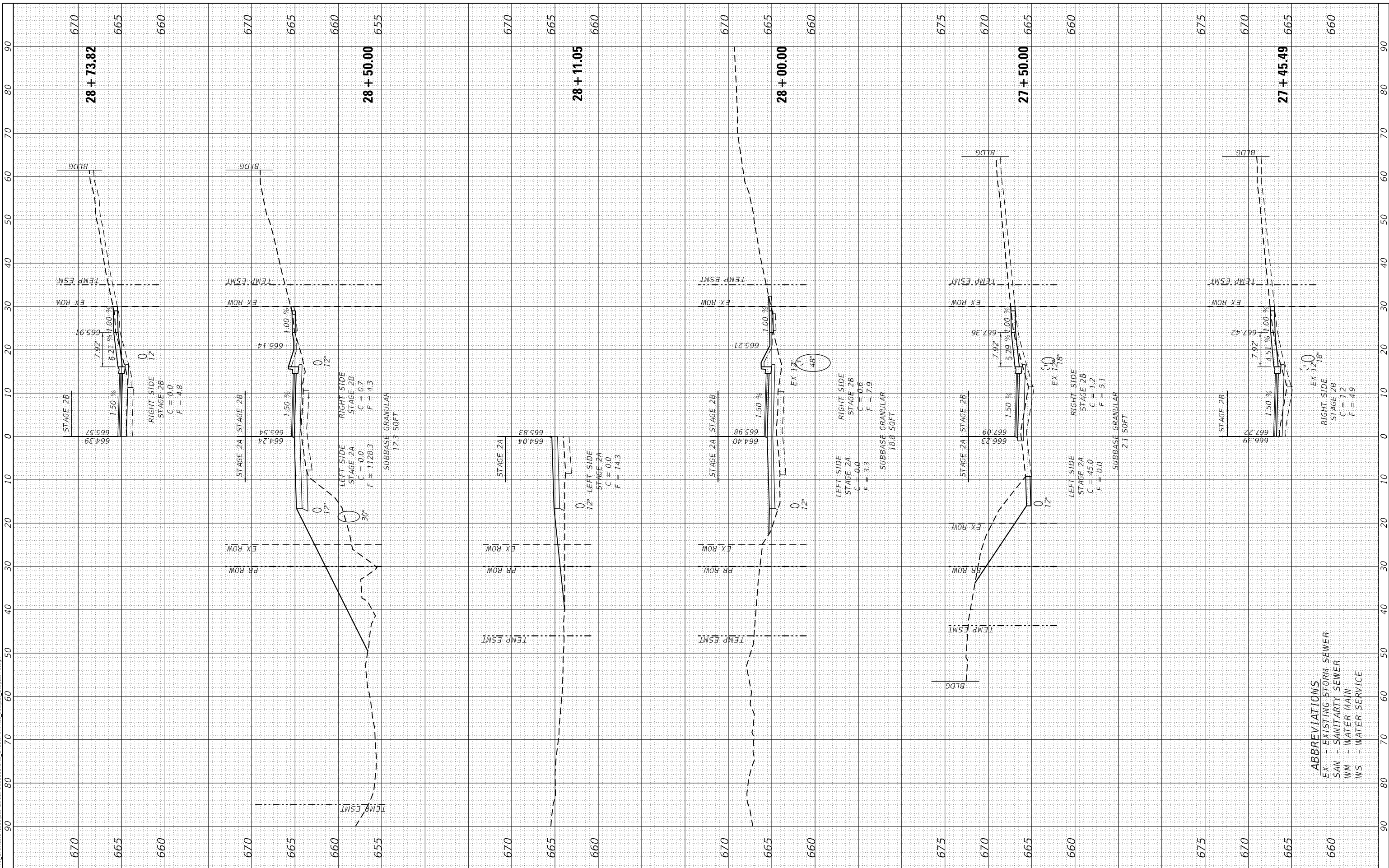
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 2A & 2B CROSS SECTIONS**

SCALE: 20.0000' / in SHEET 5 OF 8 SHEETS STA. 27+45.49 TO STA. 28+73.82

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	120
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

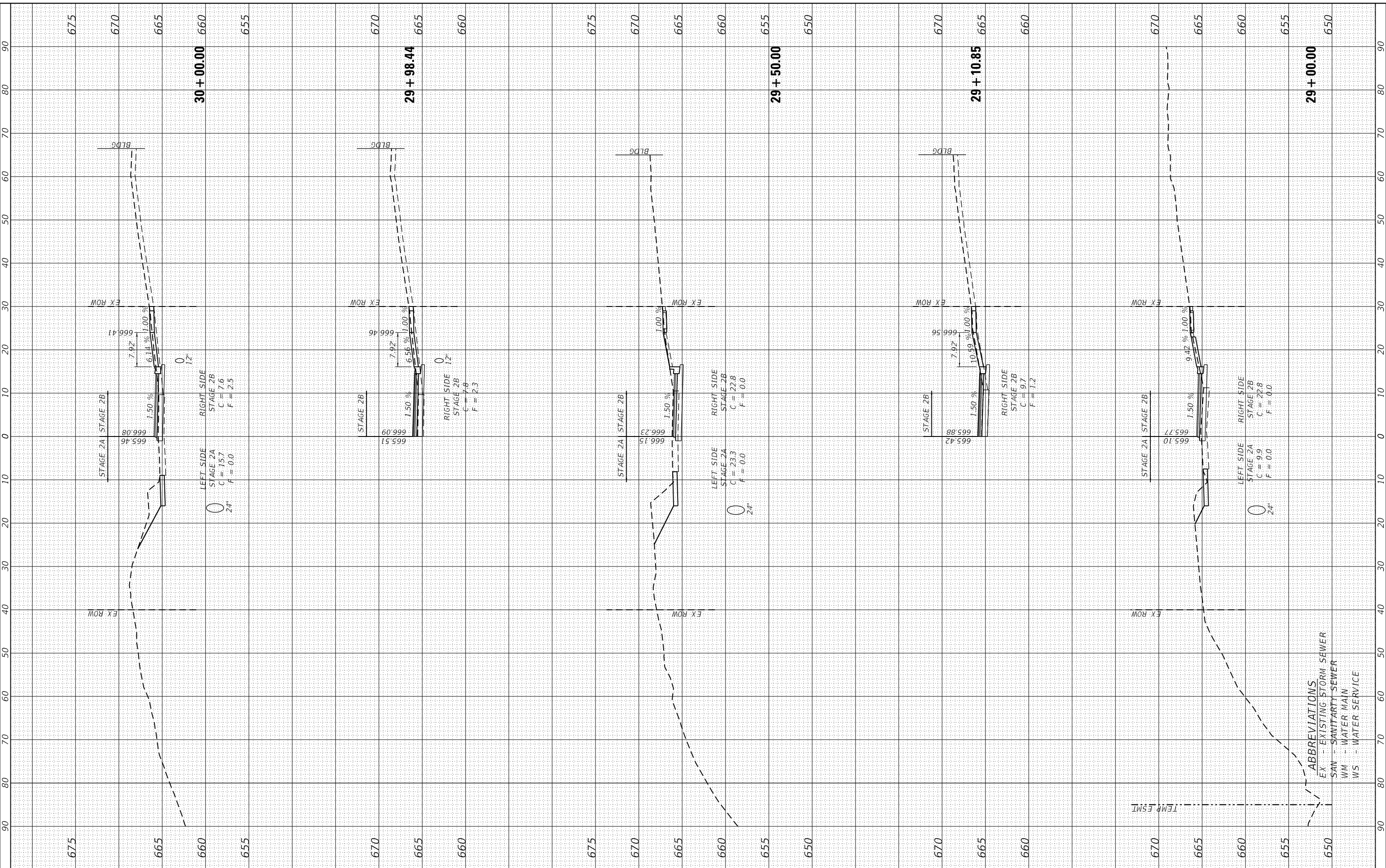


**ABBREVIATIONS**  
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 WM - WATER MAIN  
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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
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PLOT DATE	= 4/10/2024

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DATE	- 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 2A & 2B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 6 OF 8 SHEETS STA. 29+00.00 TO STA. 30+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	121
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

- ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
 WS - WATER SERVICE

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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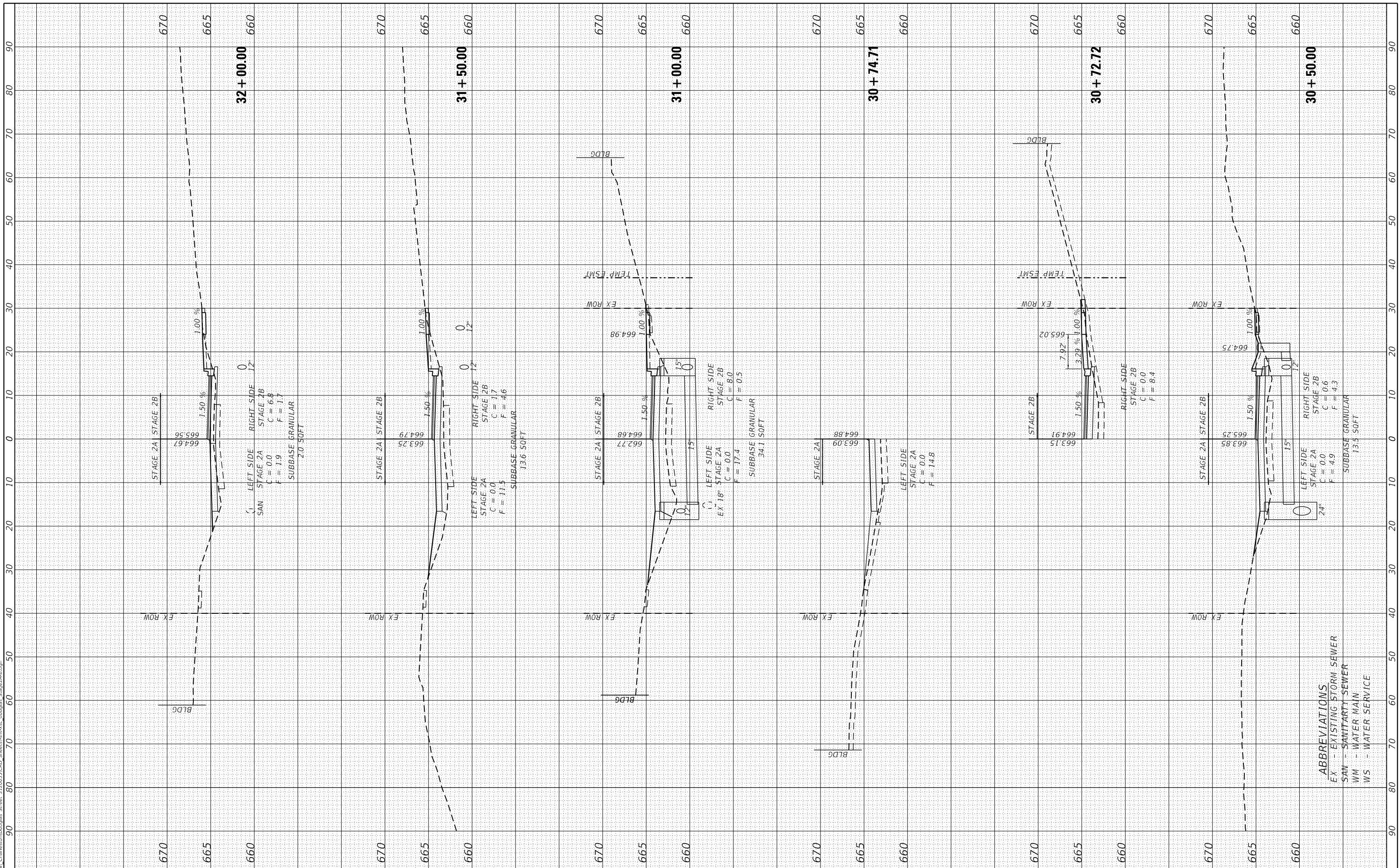
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 2A & 2B CROSS SECTIONS**

SCALE: 20.0000' / in SHEET 7 OF 8 SHEETS STA. 30+50.00 TO STA. 32+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	122
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

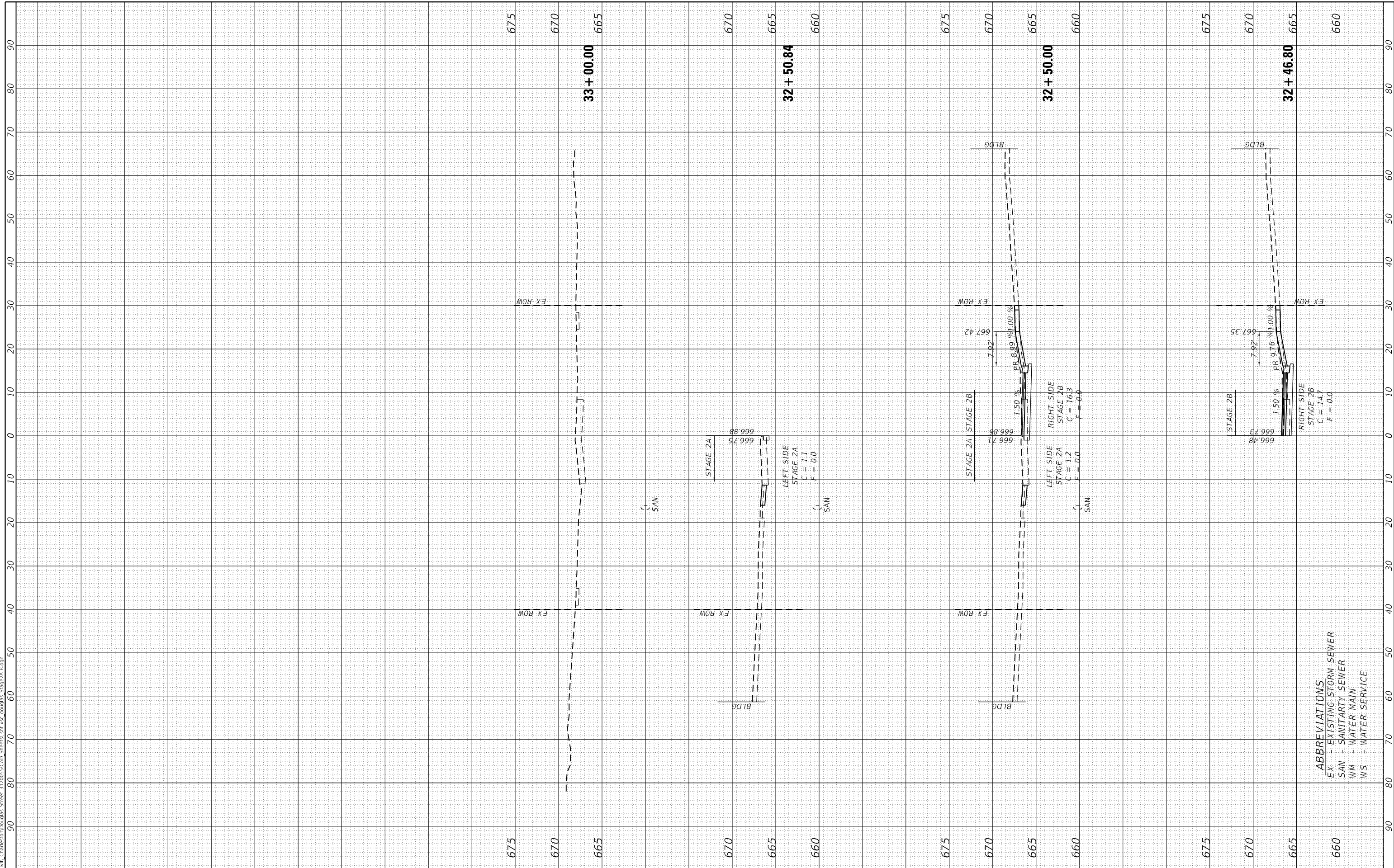


**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
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FINAL SURVEY NO.	SURVEYED	BY	DATE
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
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**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
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 CHECKED - SJF  
 DATE - 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 2A & 2B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 8 OF 8 SHEETS STA. 32+46.80 TO STA. 33+50.00

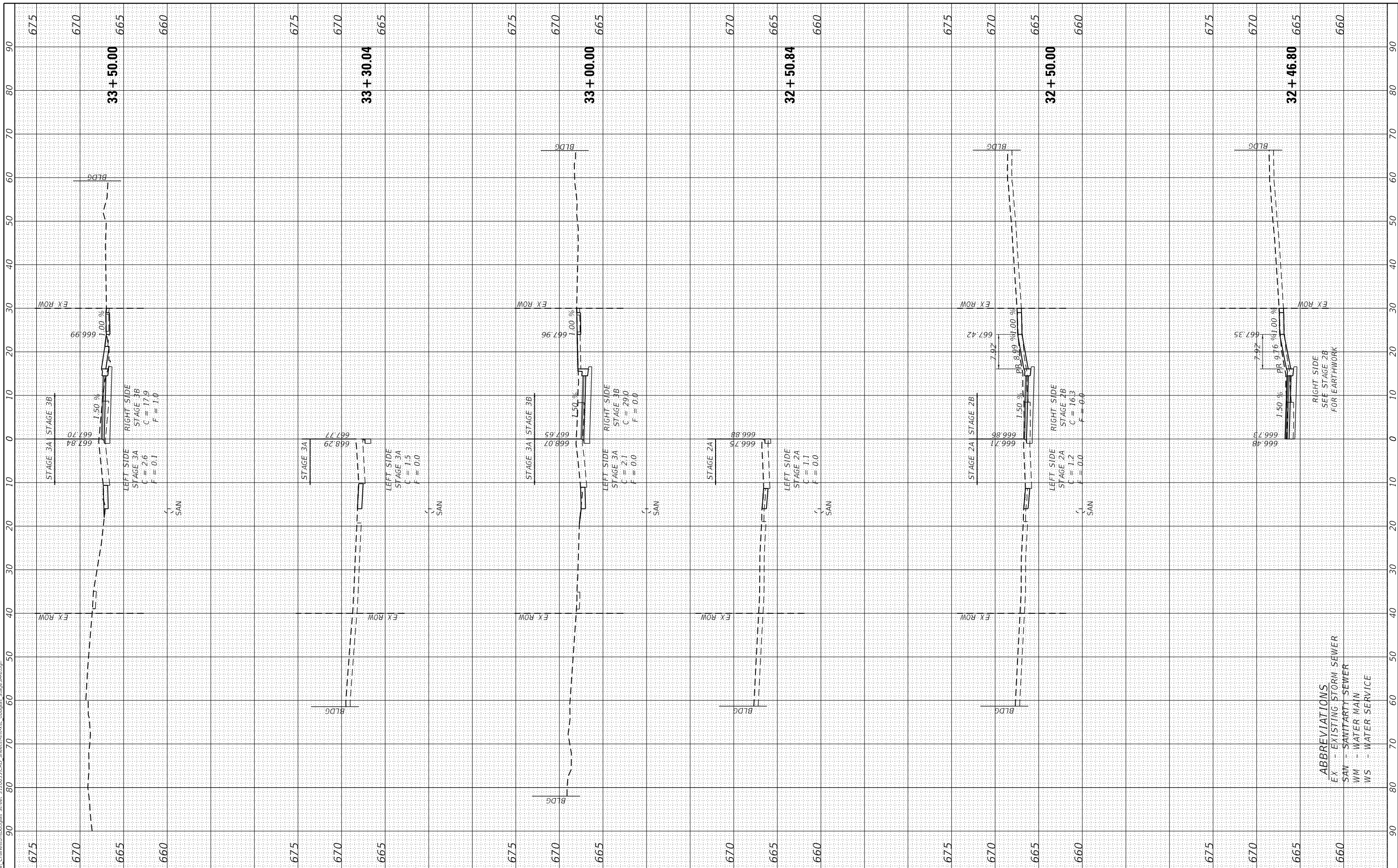
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7640	19-00118-00-WR	COLES	154	123
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
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 Professional Design Firm Corporation  
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PLOT DATE = 4/10/2024	DATE - 11/30/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**STAGE 3A & 3B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 1 OF 8 SHEETS STA. 32+46.80 TO STA. 33+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLE5	154	124
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
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FINAL SURVEY NO.	SURVEYED	BY	DATE
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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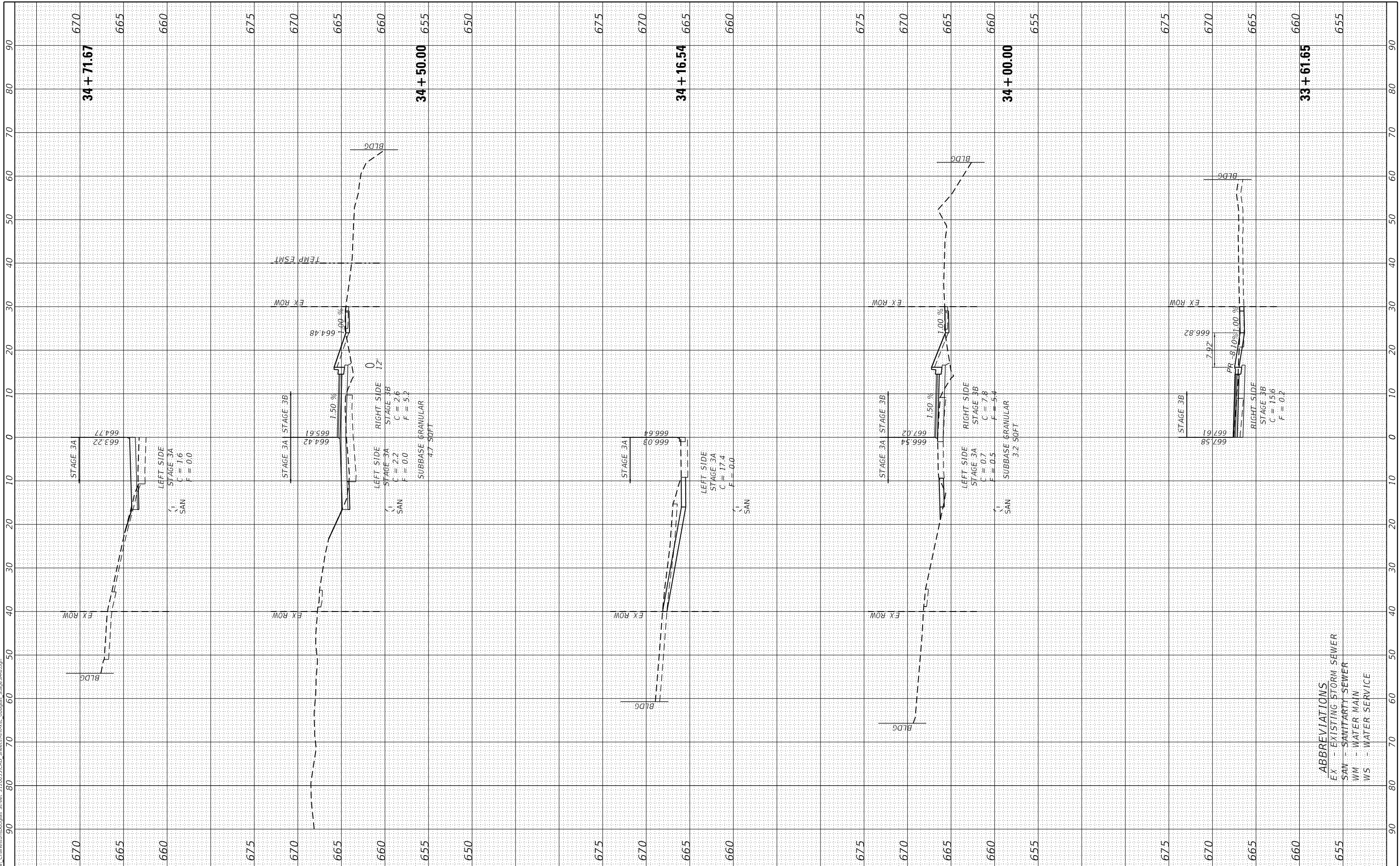
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 3A & 3B CROSS SECTIONS**

SCALE: 20.0000' / in SHEET 2 OF 8 SHEETS STA. 33+61.65 TO STA. 34+71.67

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

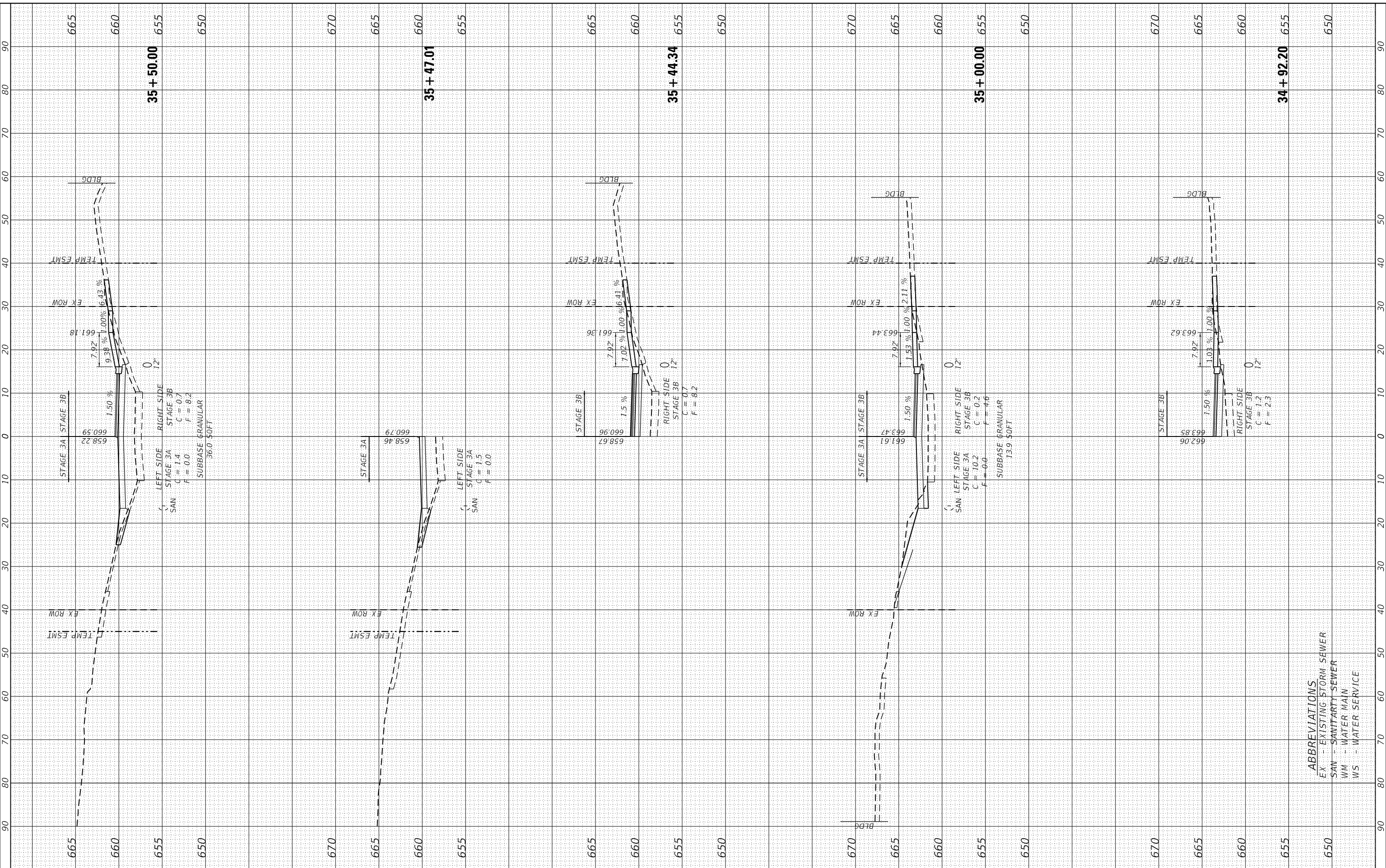
**ABBREVIATIONS**  
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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 3A & 3B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 3 OF 8 SHEETS  
 STA. 34+92.20 TO STA. 35+50.00

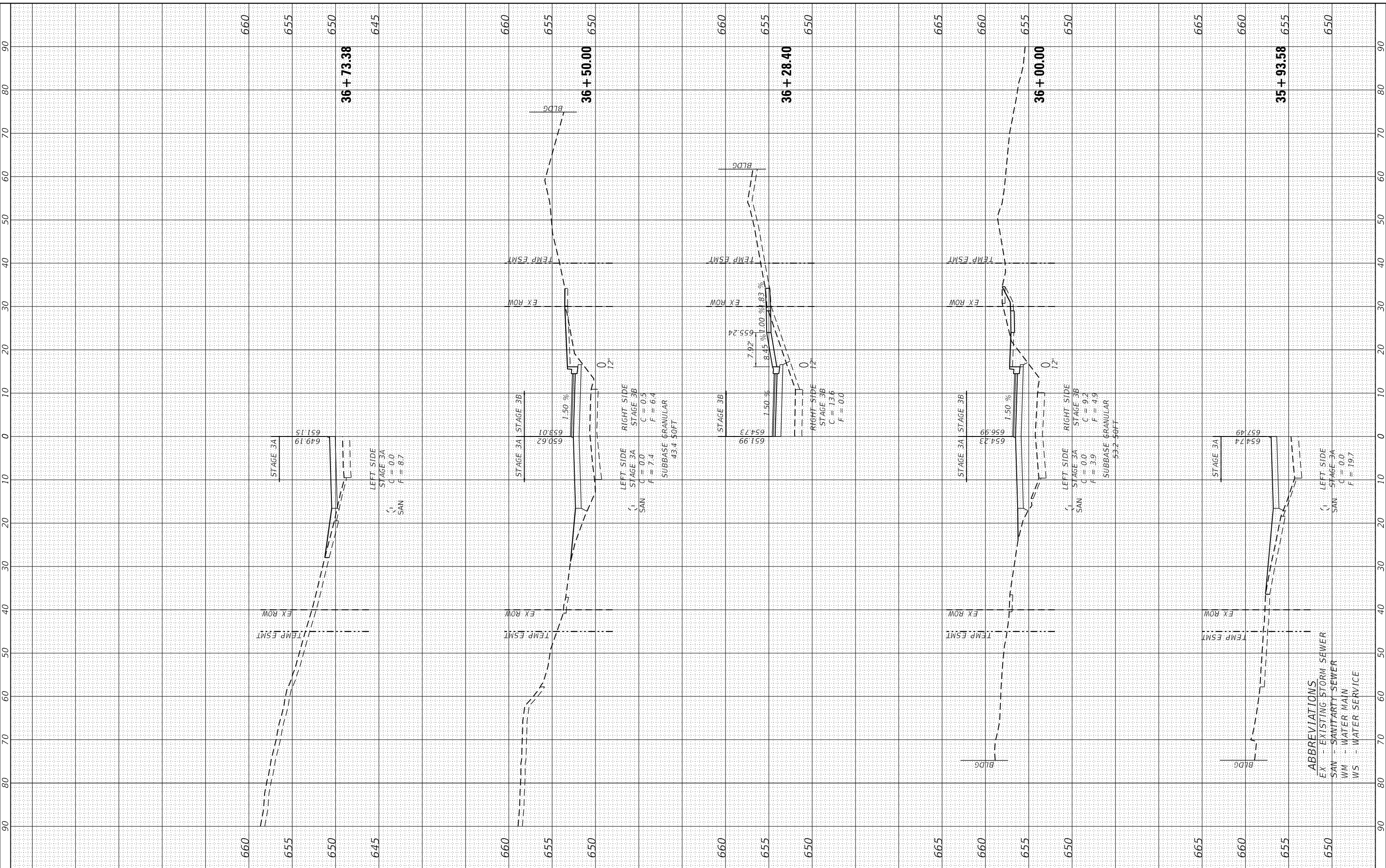
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7640	19-00118-00-WR	COLES	154	126
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 3A & 3B CROSS SECTIONS**  
 SCALE: 20.0000 ' / in. SHEET 4 OF 8 SHEETS STA. 35+93.58 TO STA. 36+73.38

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	127
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

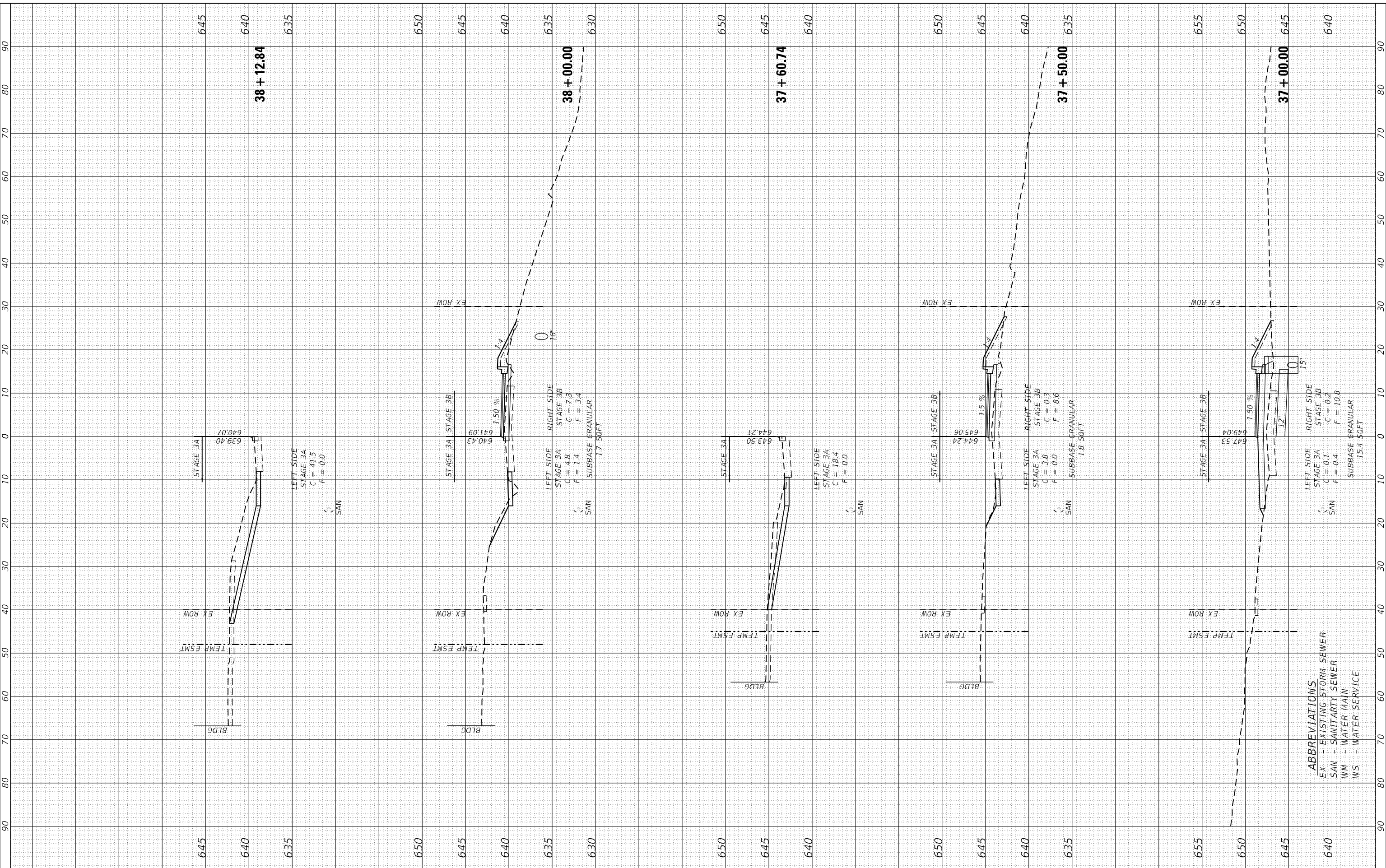
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FINAL SURVEY NO.	SURVEYED	BY	DATE
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
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PLOT SCALE = 20.0000' / in.	CHECKED - SJF
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**STAGE 3A & 3B CROSS SECTIONS**  
 SCALE: 20.0000' / in. SHEET 5 OF 8 SHEETS STA. 37+00.00 TO STA. 38+12.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	128
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

**ABBREVIATIONS**  
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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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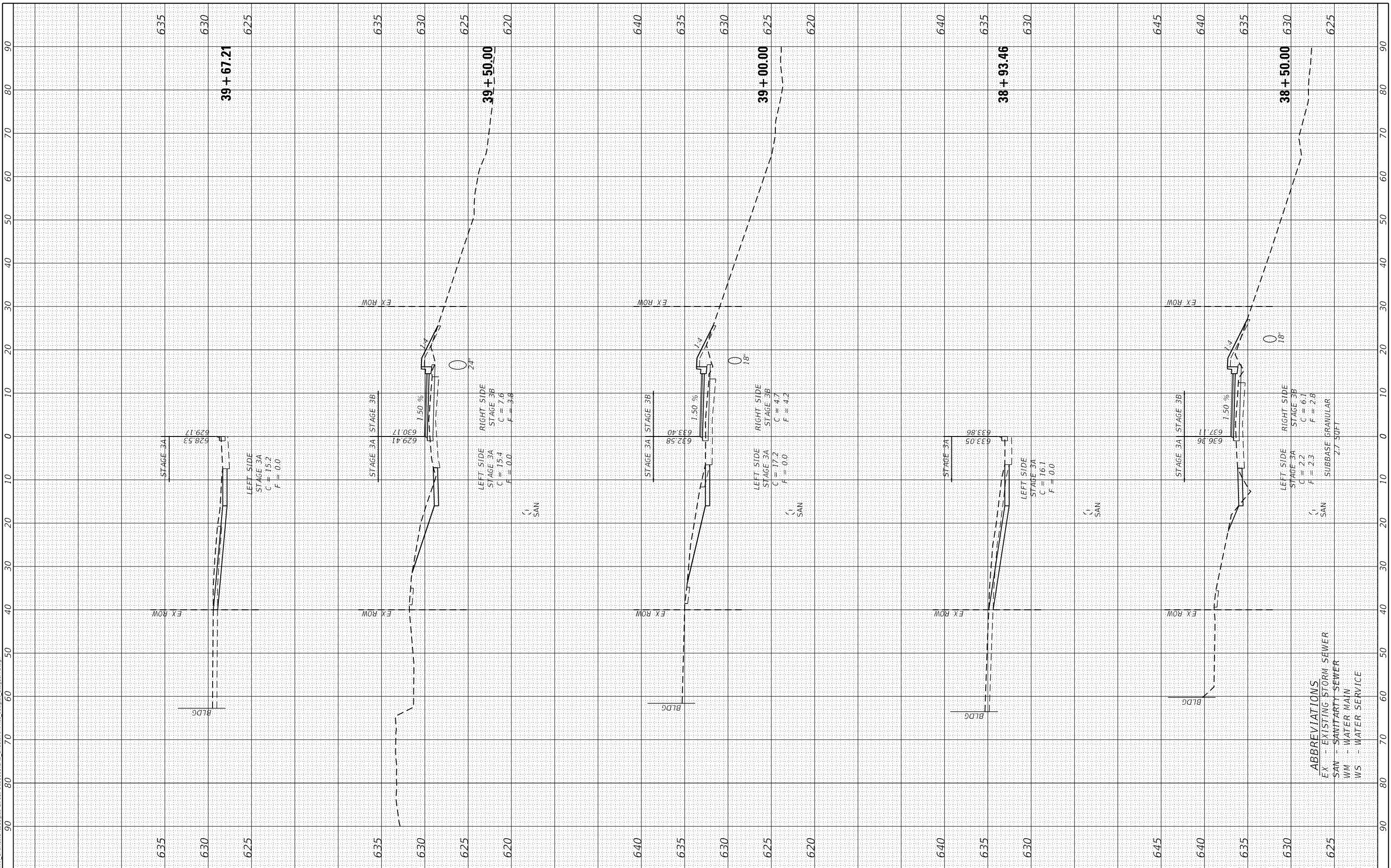
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 3A & 3B CROSS SECTIONS**

SCALE: 20.0000' / in. SHEET 6 OF 8 SHEETS STA. 38+50.00 TO STA. 39+67.21

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	129
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
 WS - WATER SERVICE

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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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**The Upchurch Group**  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 123 North 15th Street  
 Mattoon, IL 61938  
 Phone: 312.253.3177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

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 PLOT DATE = 4/10/2024

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 DATE - 11/30/23

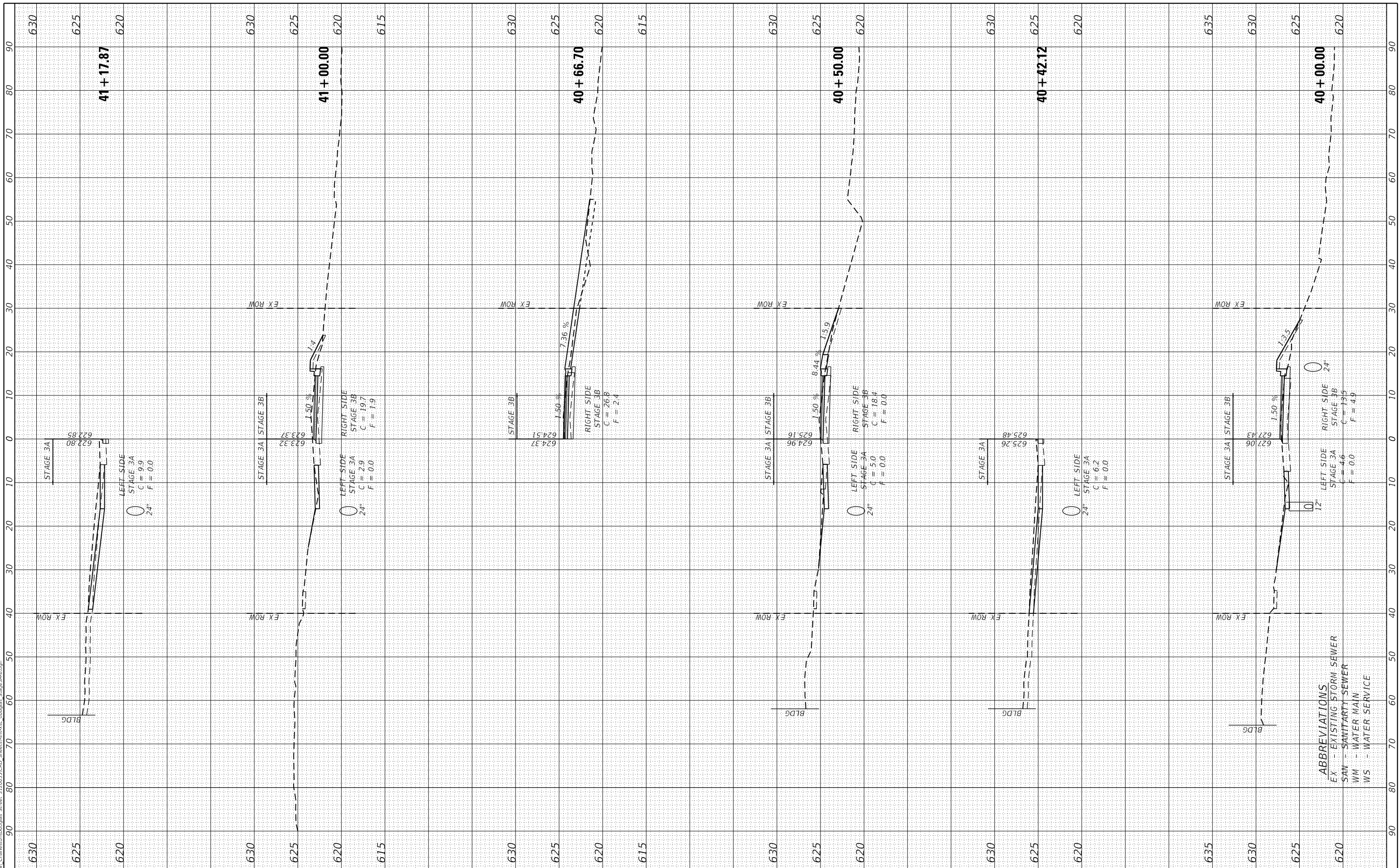
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 3A & 3B CROSS SECTIONS**

SCALE: 20.0000' / in. SHEET 7 OF 8 SHEETS STA. 40+00.00 TO STA. 41+17.87

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	130
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

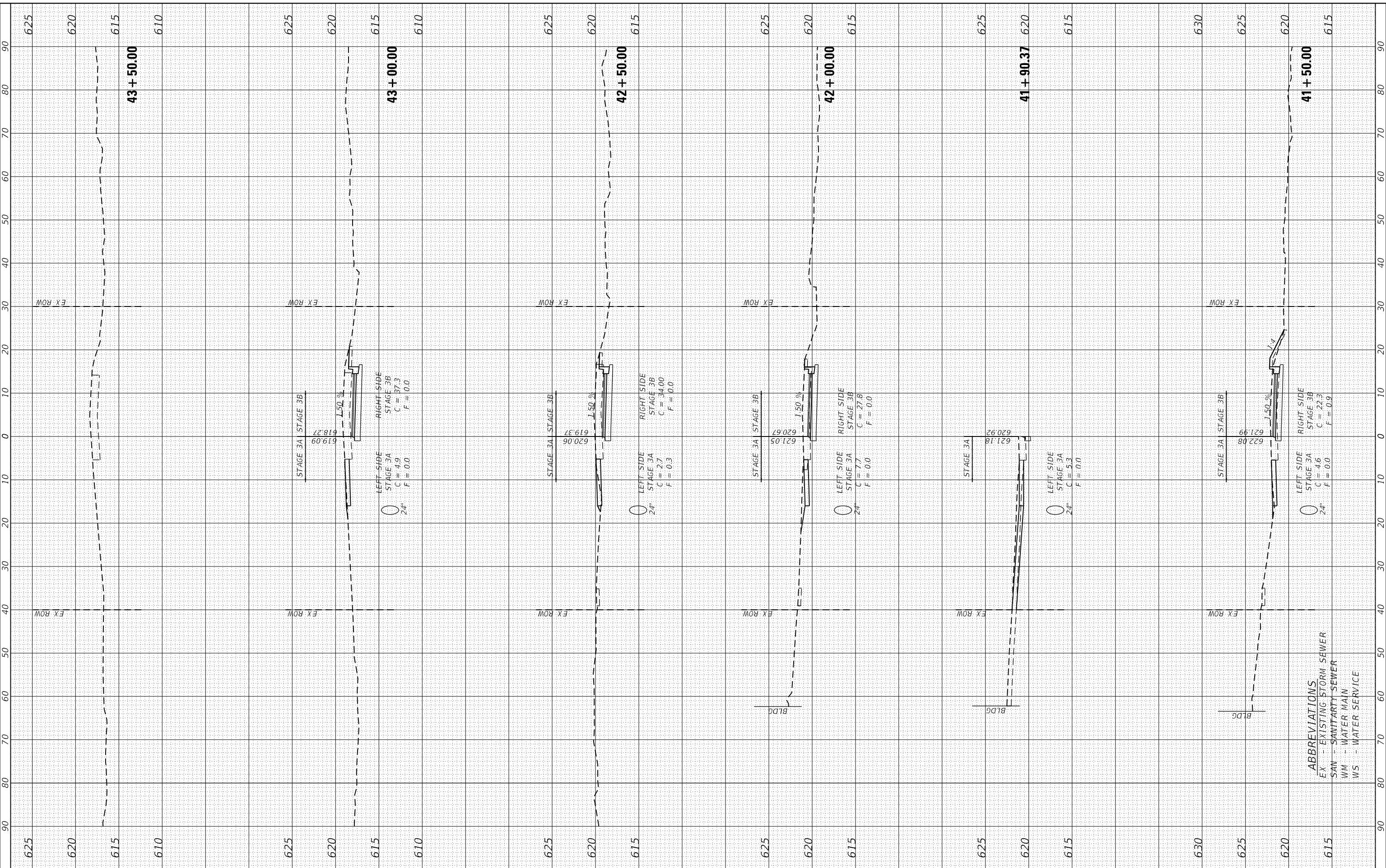


**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
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FINAL SURVEY NO.	SURVEYED	BY	DATE
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AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

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NOTE BOOK	PLOTTED		
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**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
 WS - WATER SERVICE

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PLOT DATE	= 4/10/2024
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DATE	- 11/30/23

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**STAGE 3A & 3B CROSS SECTIONS**  
 SCALE: 20.0000 ' / in. SHEET 8 OF 8 SHEETS STA. 41+50.00 TO STA. 43+50.00

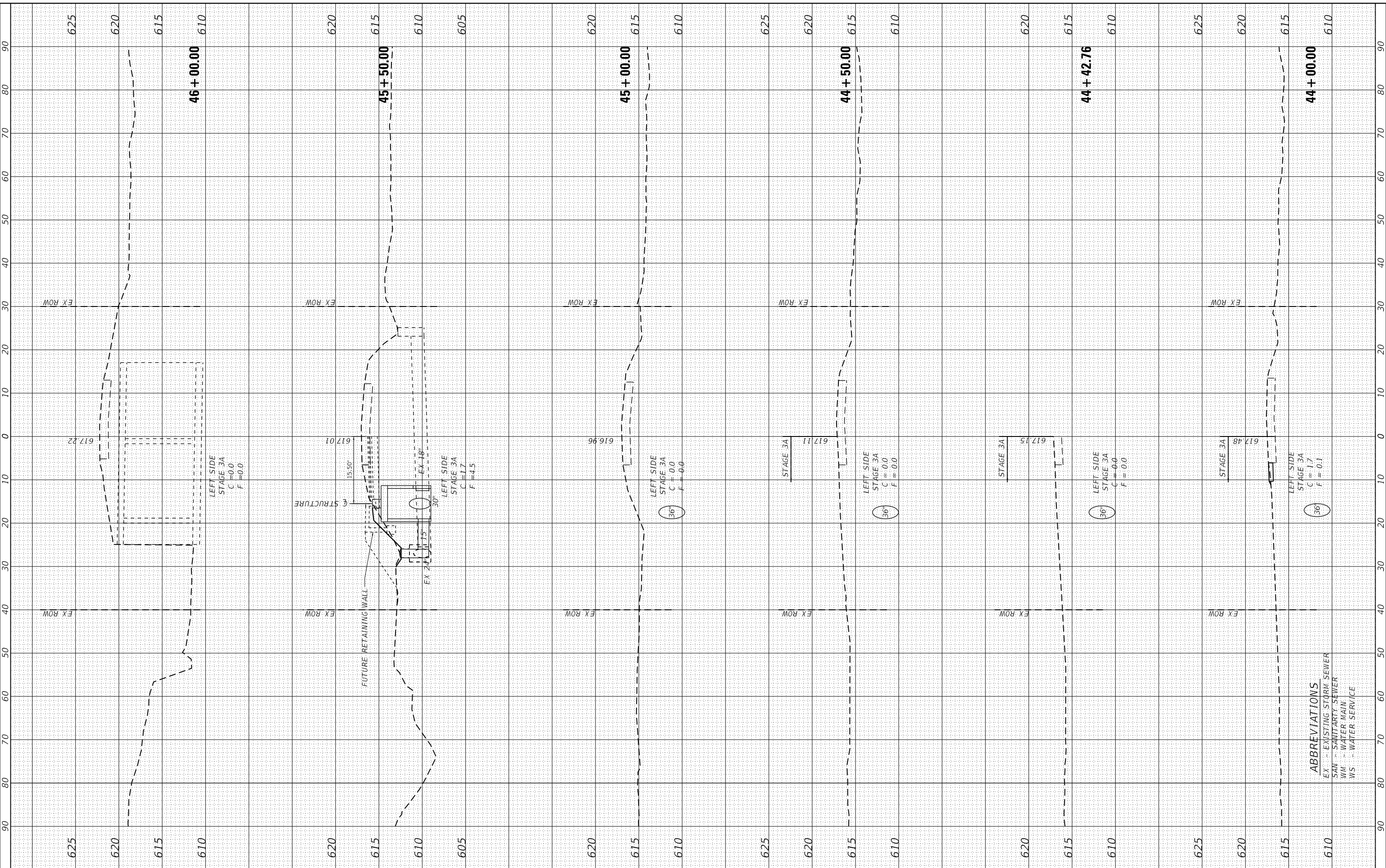
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	131
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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 123 North 15th Street  
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DATE	- 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 STAGE 3A & 3B CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 44+00.00 TO STA. 45+50.00

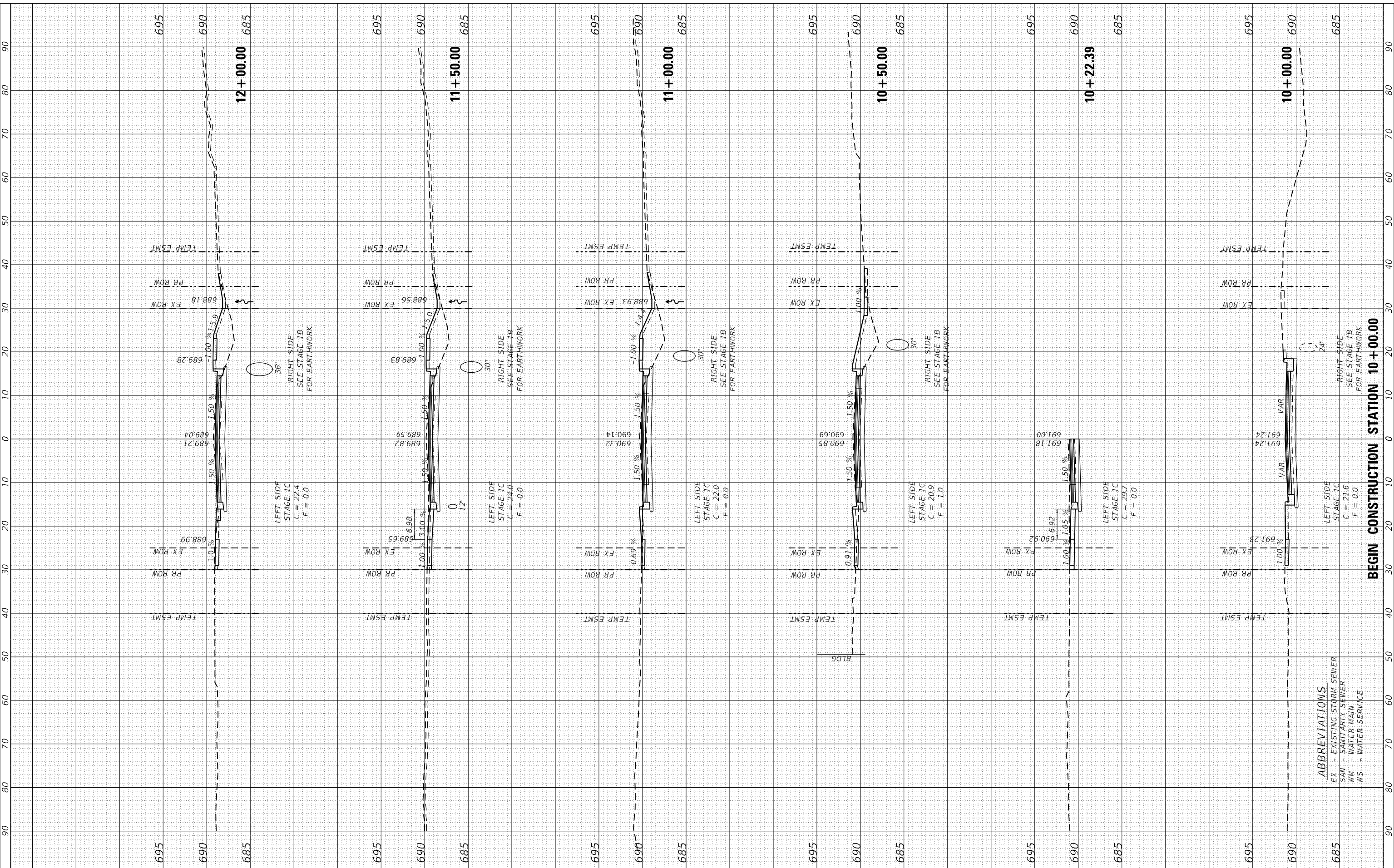
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	132
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
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NO.	NO.		

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PLOT DATE	= 4/10/2024

DESIGNED	- TLW
DRAWN	-
CHECKED	- SJF
DATE	- 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 10+00.00 TO STA. 12+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	133
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

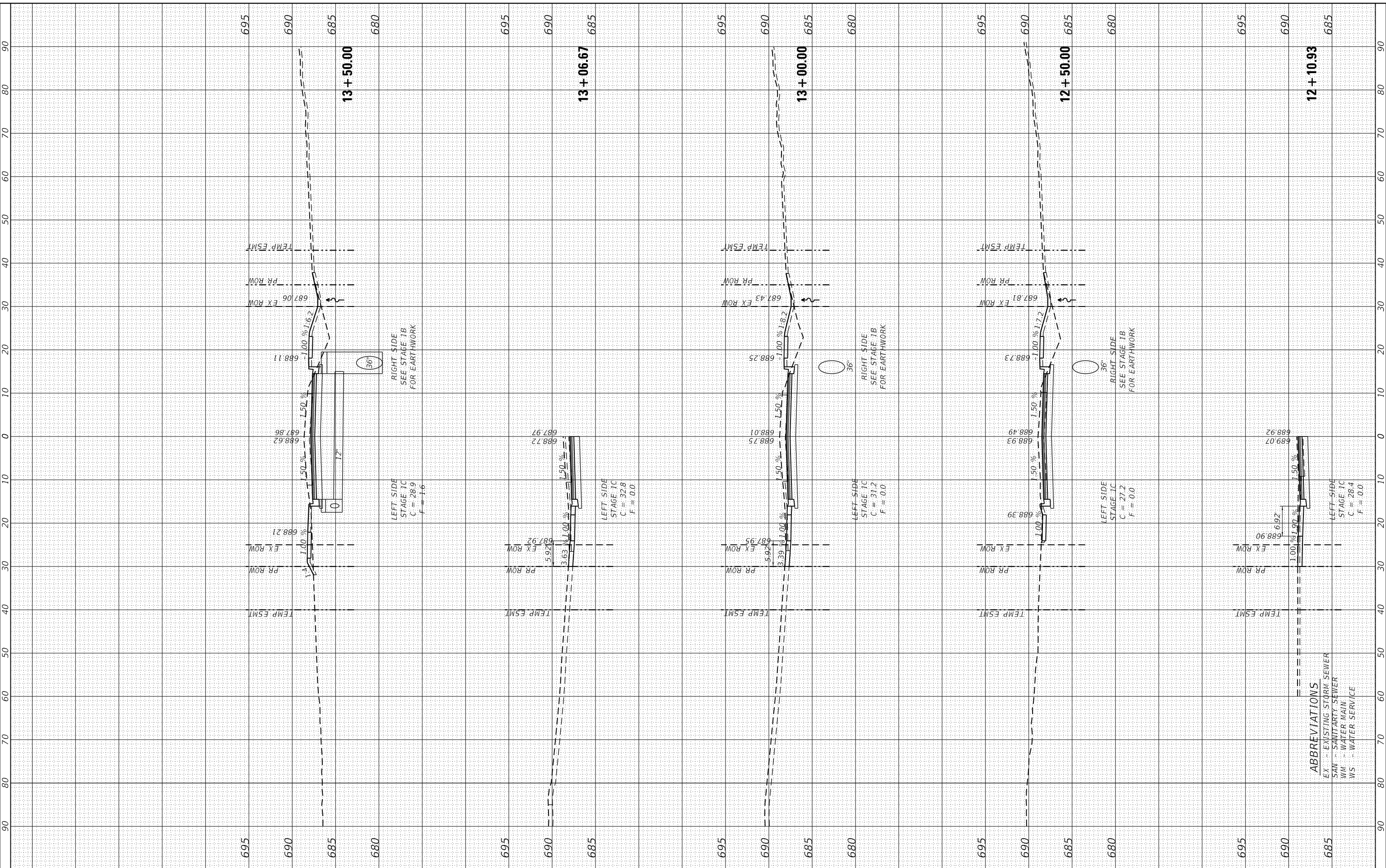
**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
 WS - WATER SERVICE

**BEGIN CONSTRUCTION STATION 10 + 00.00**

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NO.	TEMPLATE AREAS CHECKED		
	AREAS CHECKED		

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**ABBREVIATIONS**  
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TUG PROJECT NO.	3120055
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CHECKED	- SJF
DATE	- 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 12+10.93 TO STA. 13+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	134
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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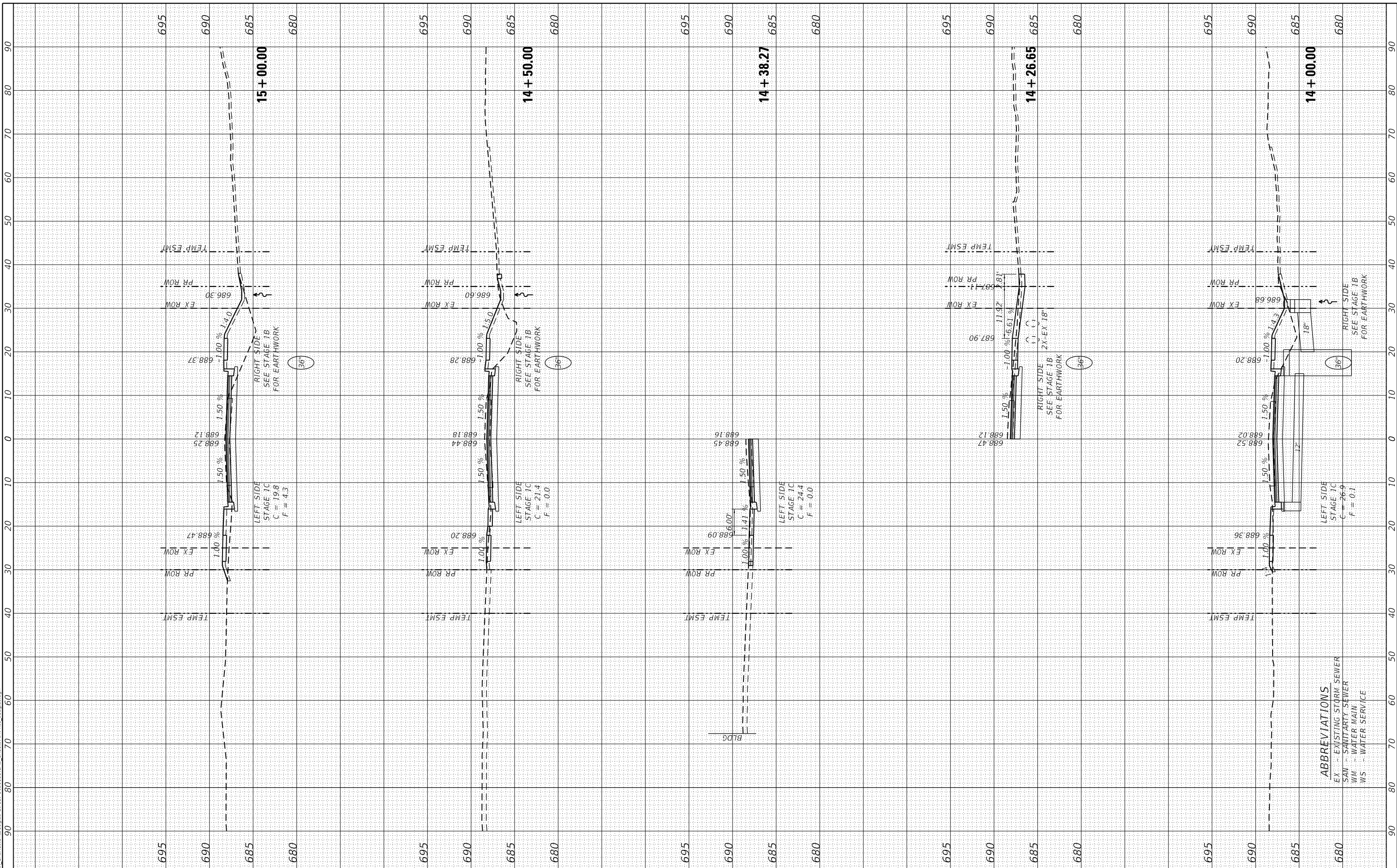
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 14+00.00 TO STA. 15+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	135
				CONTRACT NO. 95958
ILLINOIS		FED. AID PROJECT		



**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
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 WS - WATER SERVICE



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

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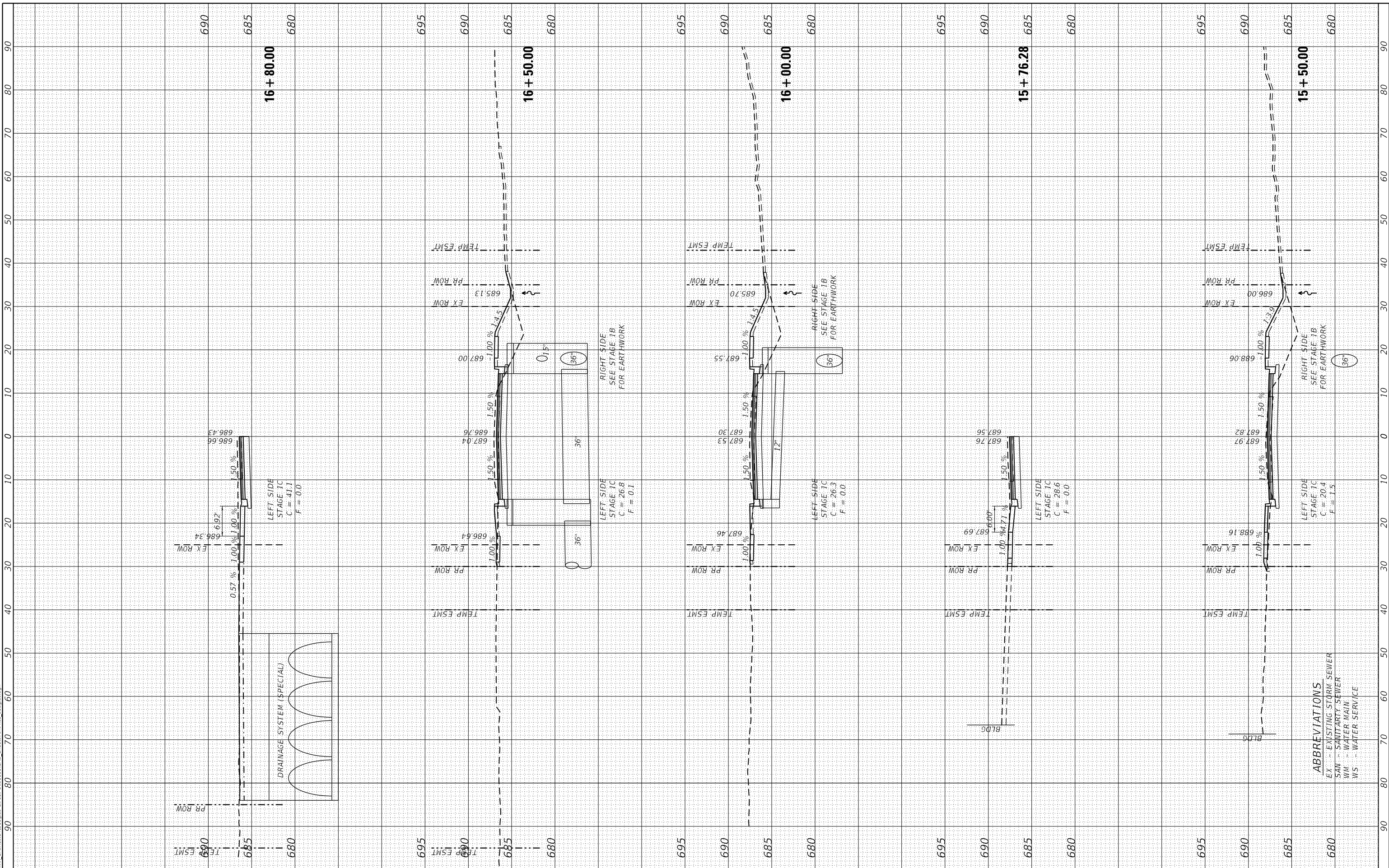
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 15+50.00 TO STA. 16+76.61

F.A.U. RTE. 7640	SECTION 19-00118-00-WR	COUNTY COLES	TOTAL SHEETS 154	SHEET NO. 136
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

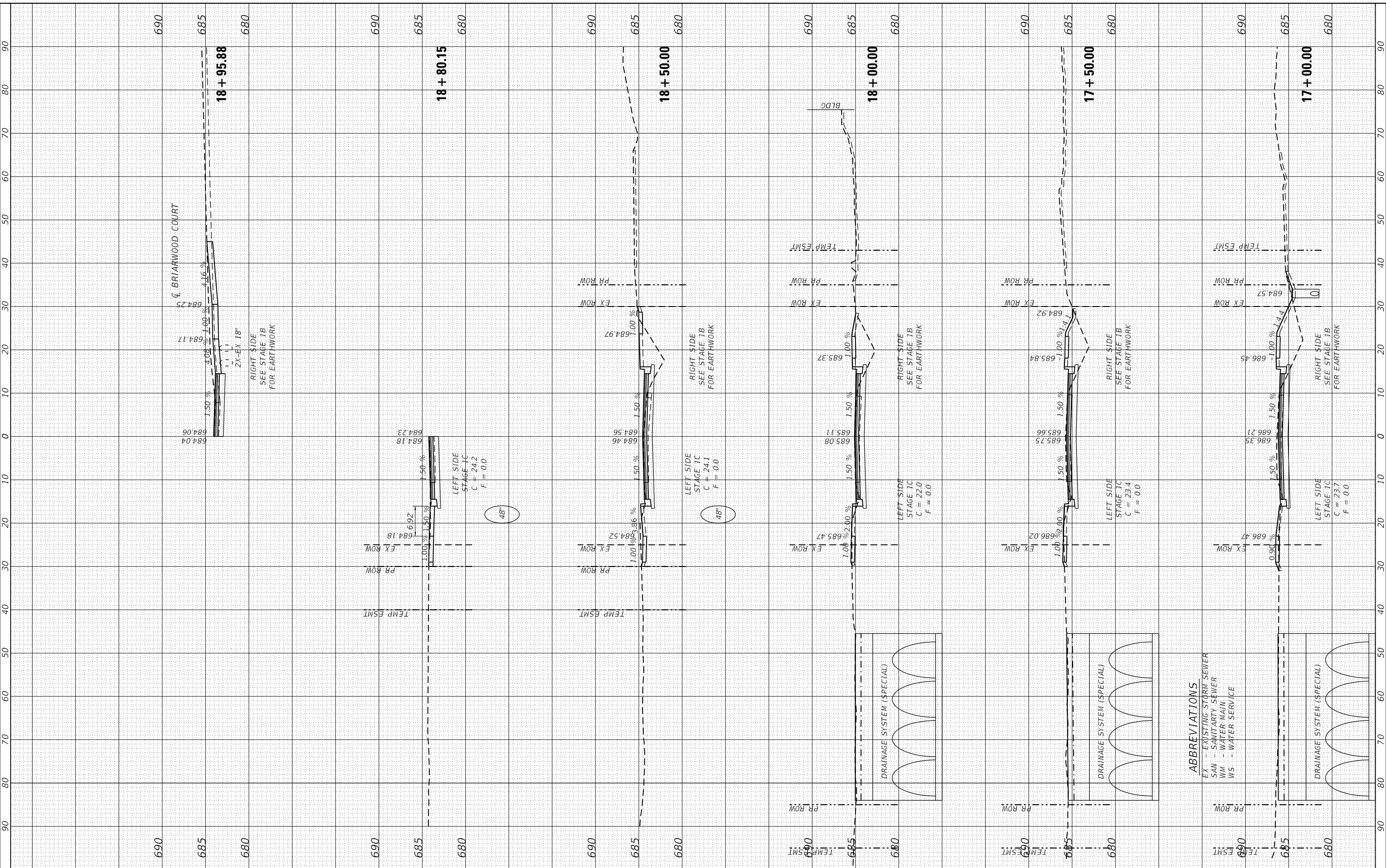


**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
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FINAL SURVEY	SURVEYED	BY	DATE
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NO.	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
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NO.	TEMPLATE		
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USER NAME	= Sta42
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PLOT SCALE	= 20.0000' / in.
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DESIGNED	- TLW
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CHECKED	- SJF
DATE	- 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 17+00.00 TO STA. 18+95.88

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	137
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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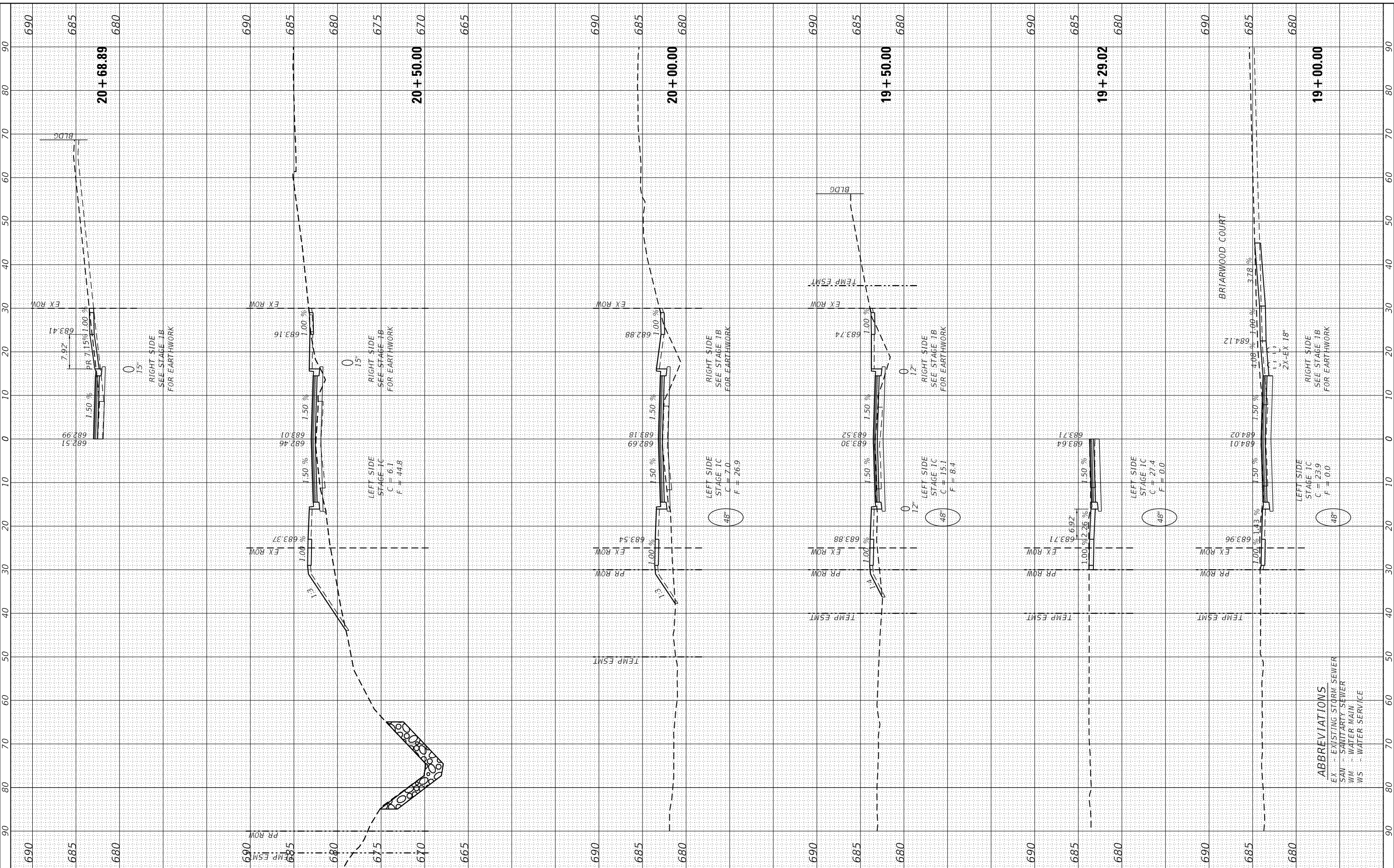
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 19+00.00 TO STA. 20+68.89

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	138
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
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FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED
NO.	NOTE BOOK
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BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED
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BY	DATE

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**The Upchurch Group**  
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DATE	- 11/30/23

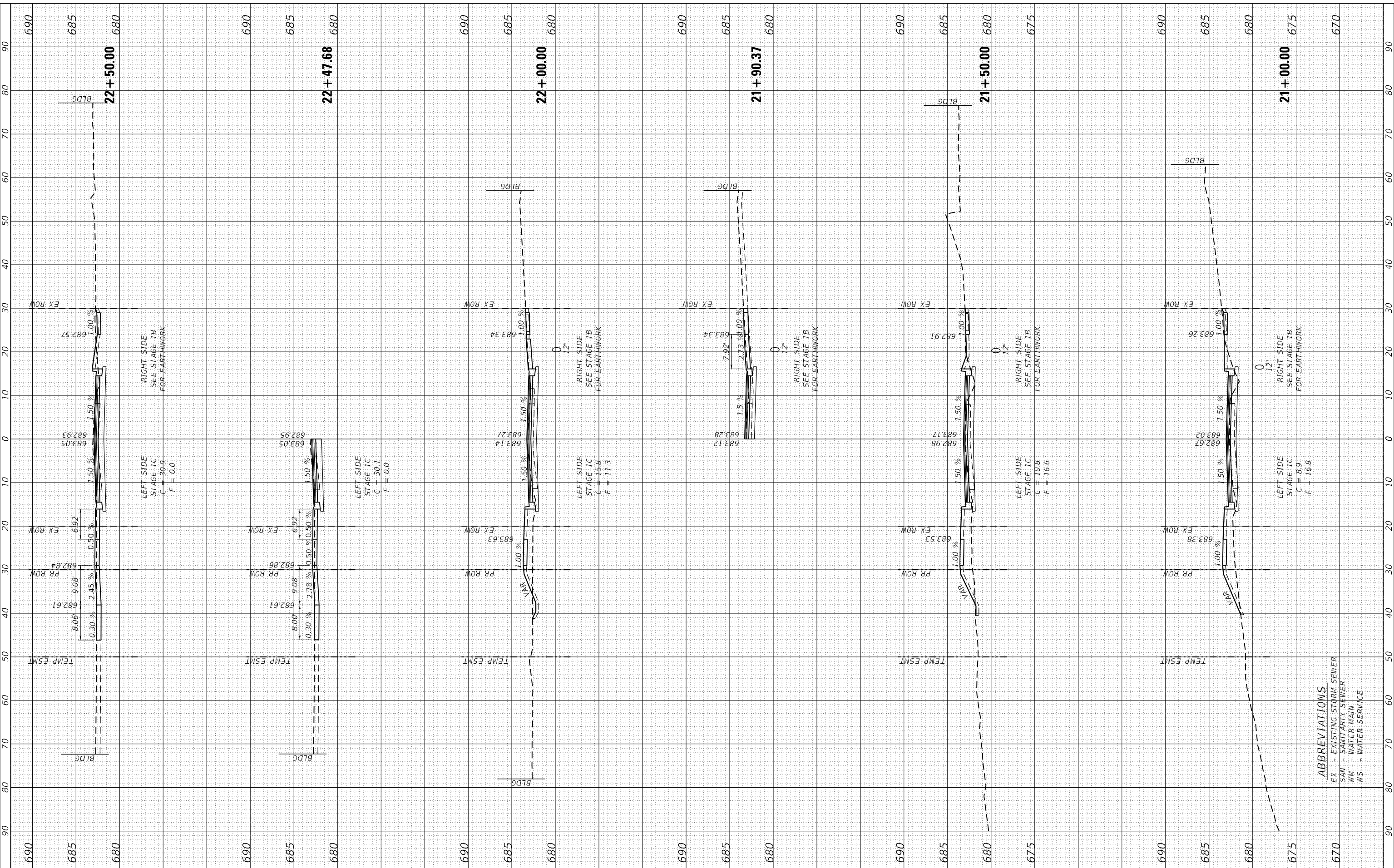
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 21+00.00 TO STA. 22+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLE5	154	139
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
 WS - WATER SERVICE



FINAL SURVEY	SURVEYED	BY	DATE
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NO.	AREAS CHECKED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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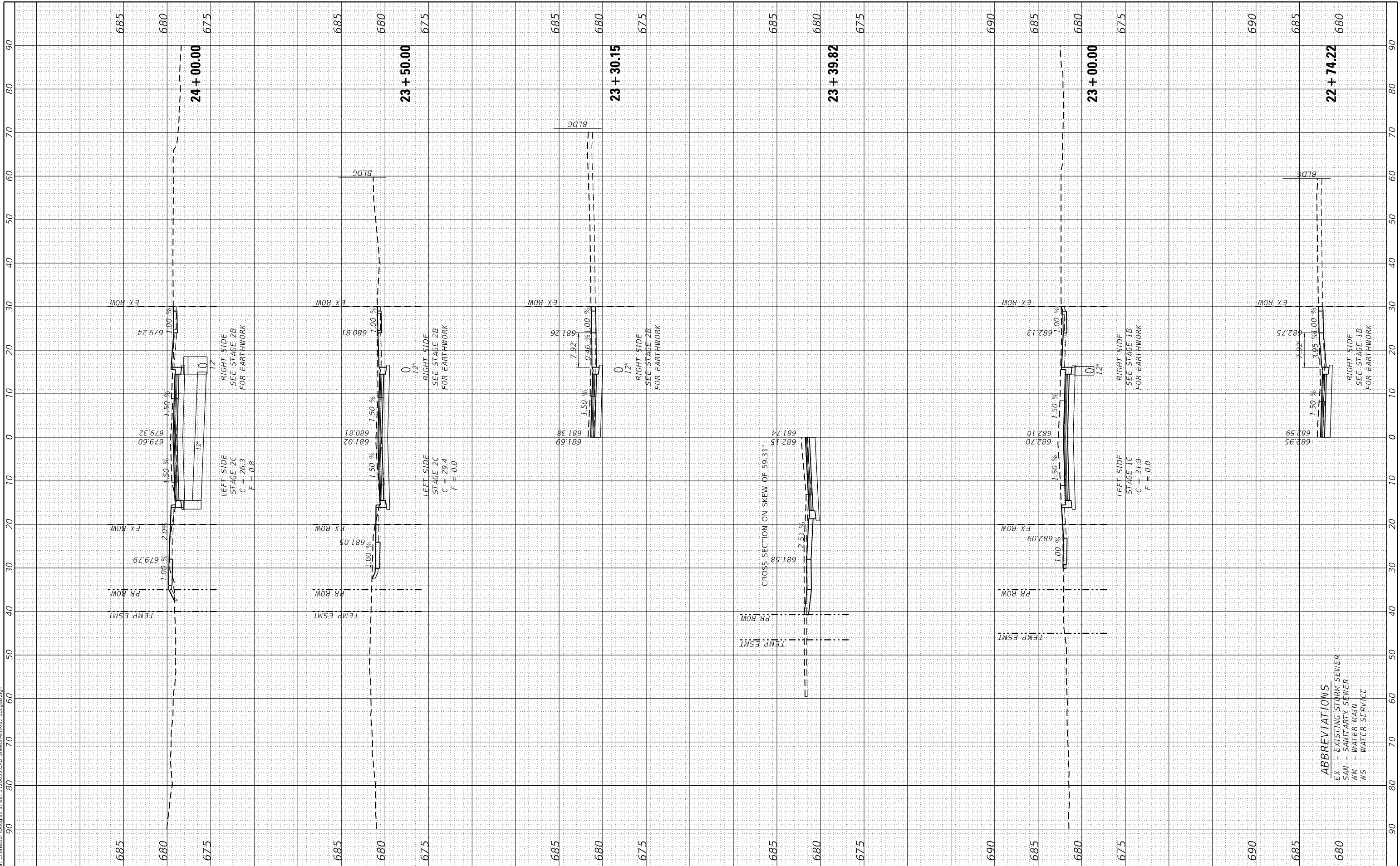
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 22+74.22 TO STA. 24+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLE5	154	140
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



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FINAL SURVEY	SURVEYED	BY	DATE
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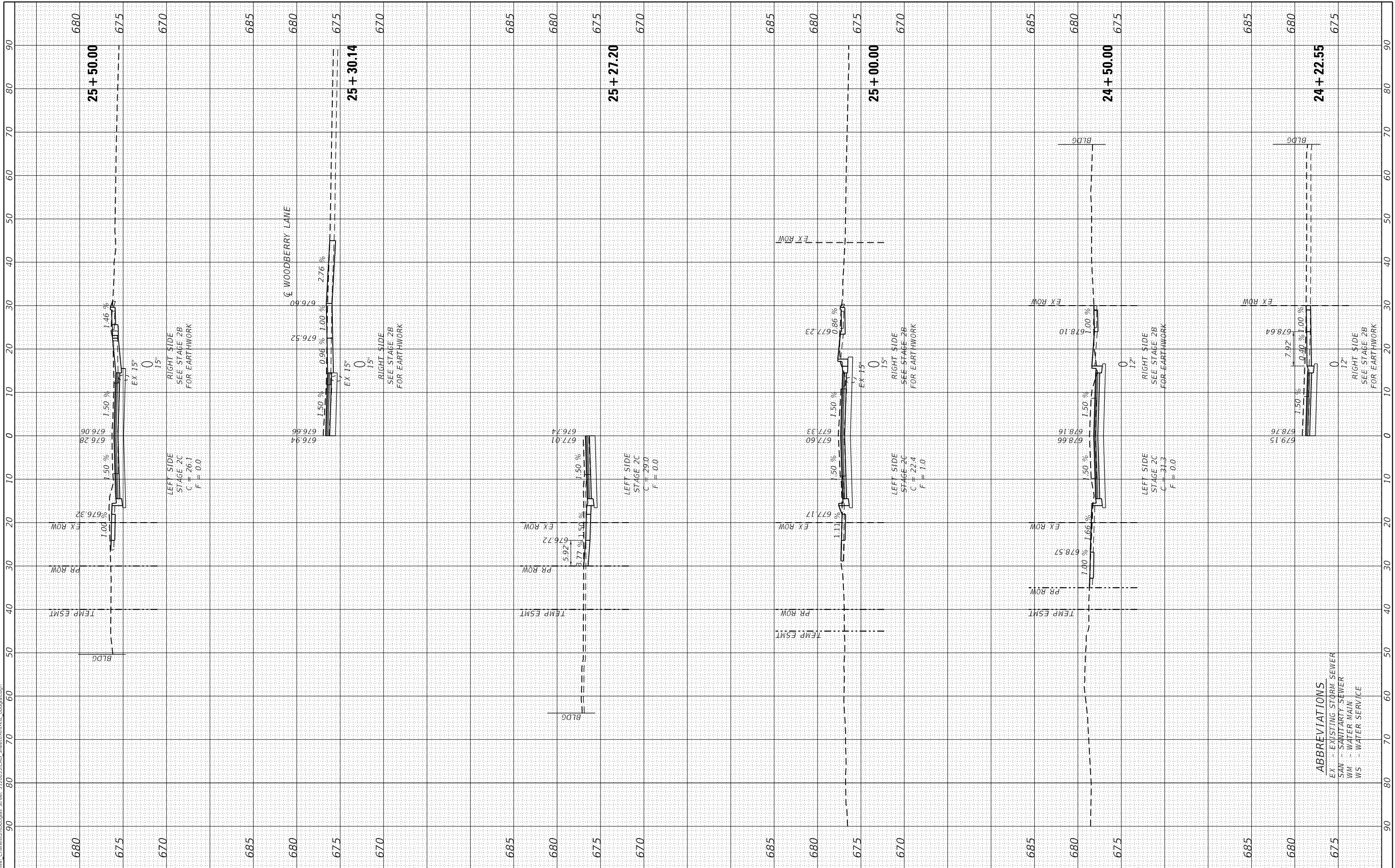
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 24+22.55 TO STA. 25+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	141
CONTRACT NO. 95958				
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FINAL SURVEY	SURVEYED	BY	DATE
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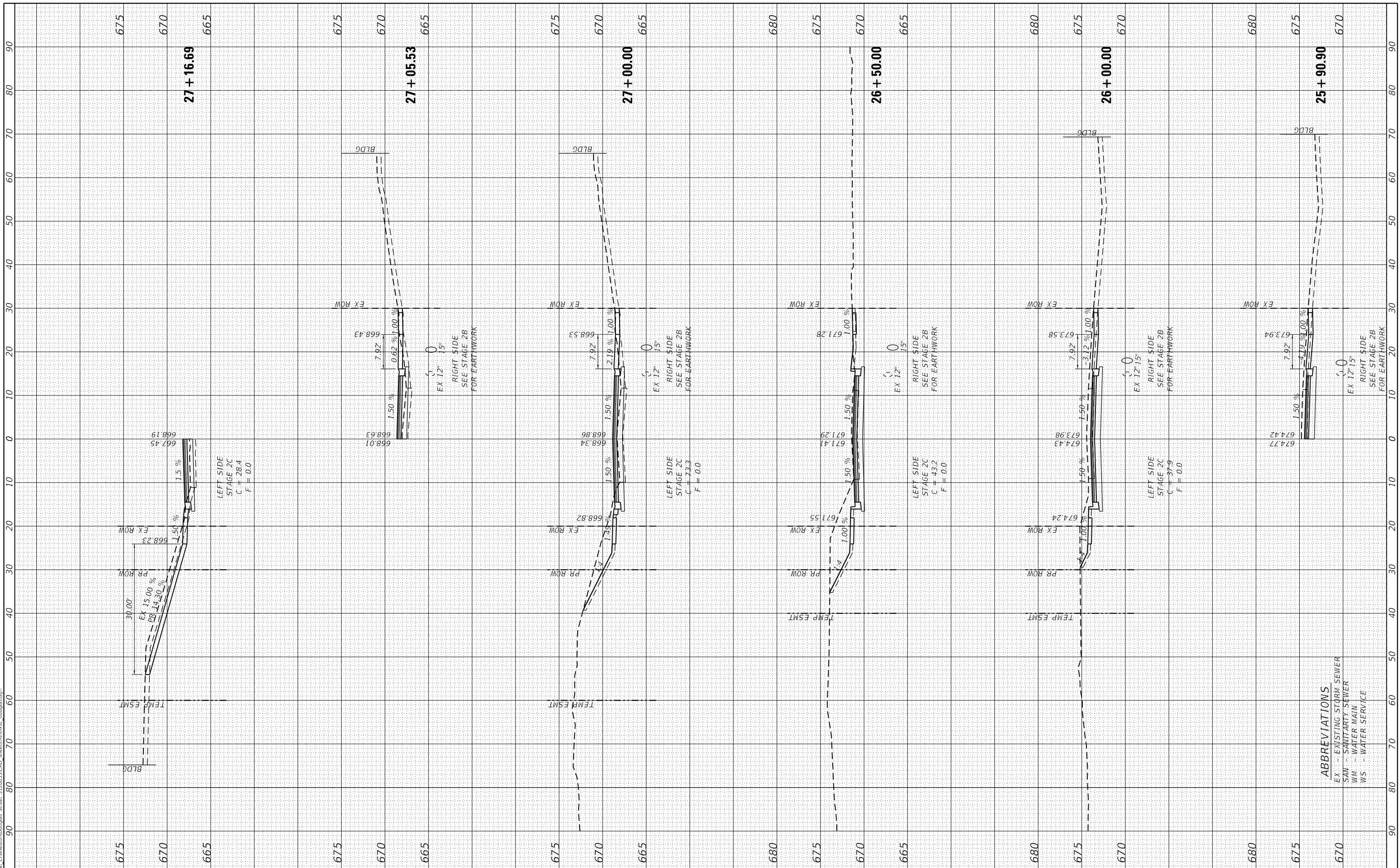
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 25+90.90 TO STA. 27+16.69

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	142
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ILLINOIS FED. AID PROJECT				

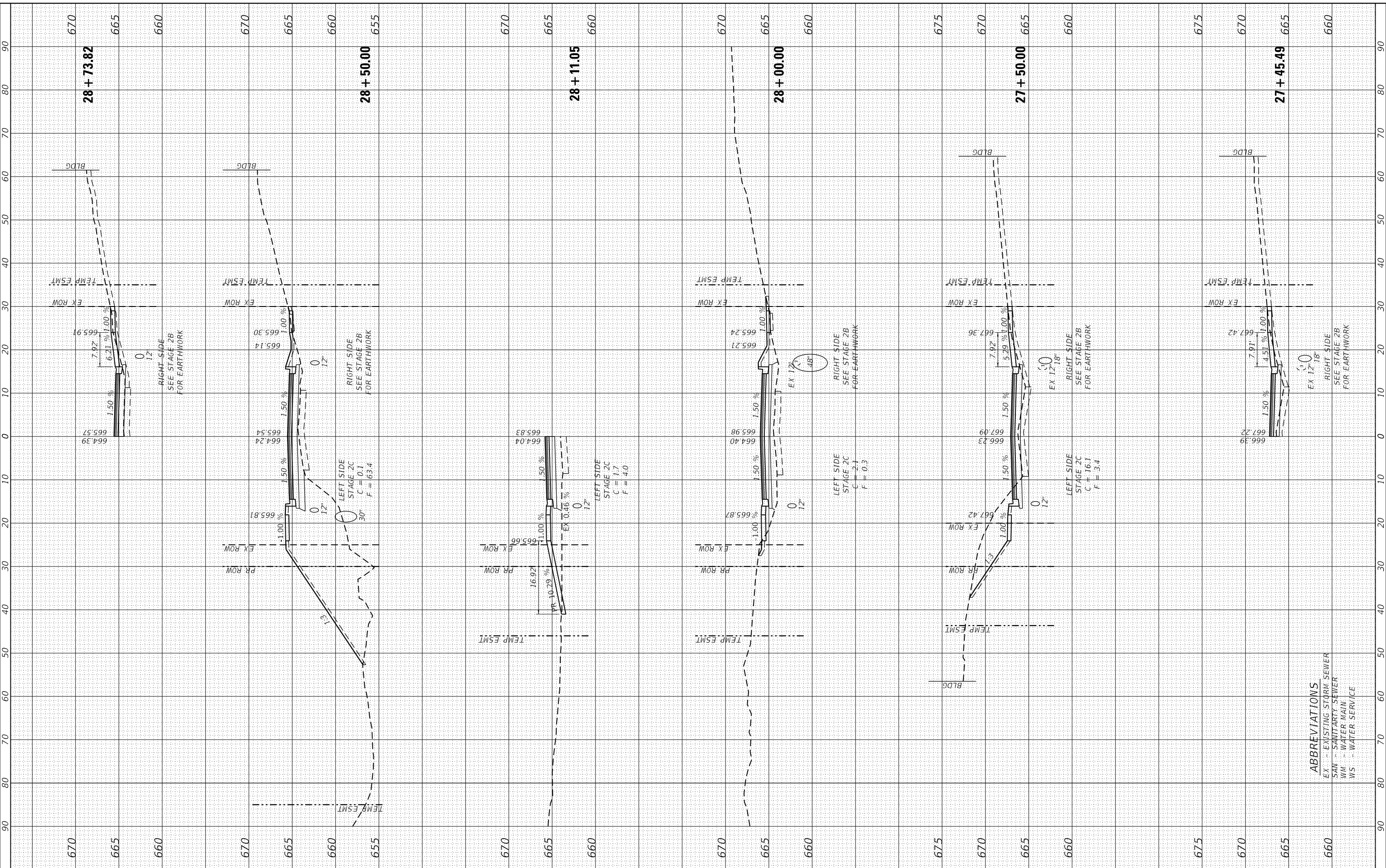


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FINAL SURVEY	SURVEYED	BY	DATE
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DRAWN	-
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 27+45.49 TO STA. 28+73.82

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	143
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
 WM - WATER MAIN  
 WS - WATER SERVICE

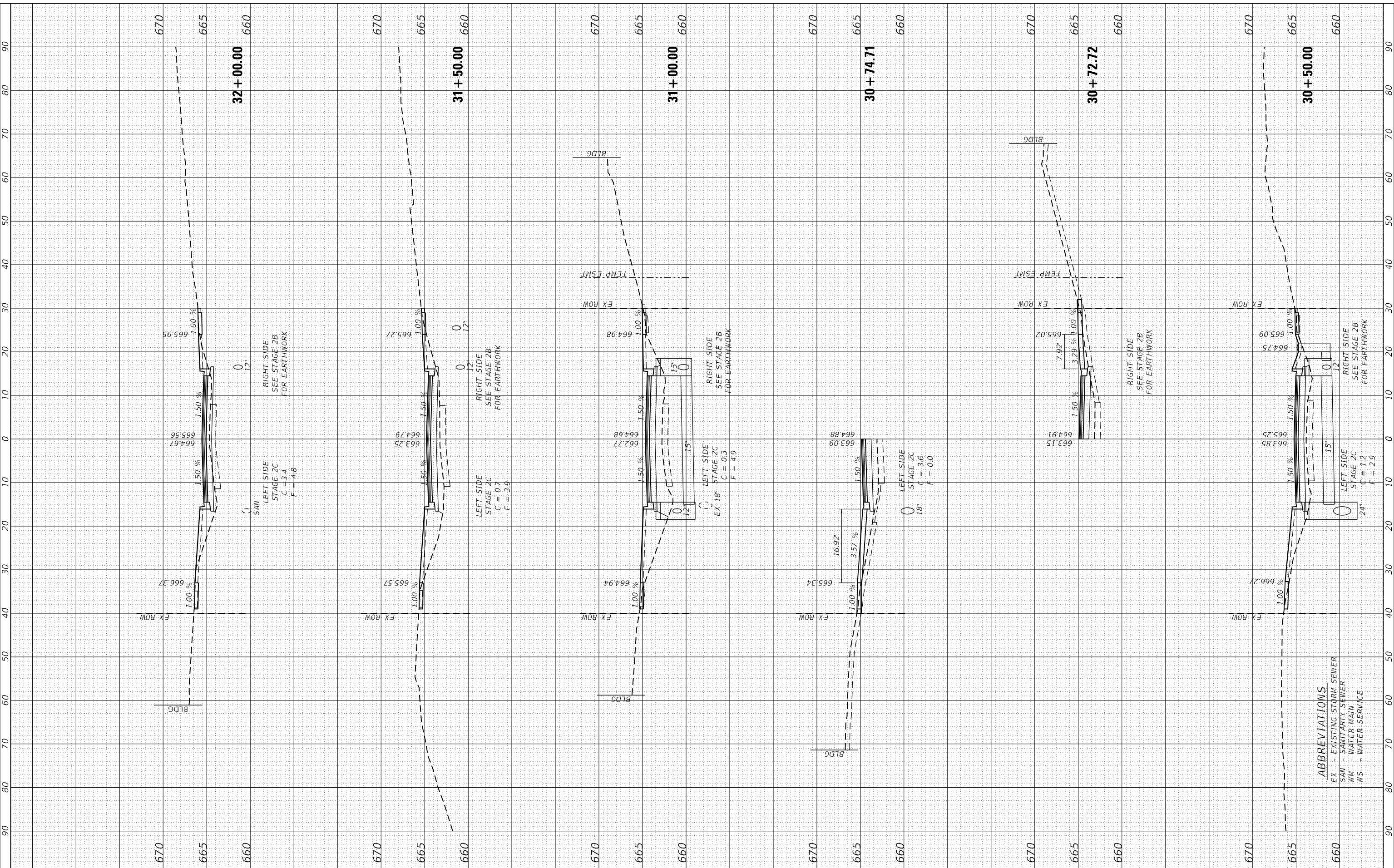




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NO.	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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	AREAS CHECKED		
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USER NAME	= Sta42
TUG PROJECT NO.	3120055
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 4/10/2024

DESIGNED	- TLW
DRAWN	-
CHECKED	- SJF
DATE	- 11/30/23

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REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 30+50.00 TO STA. 32+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	145
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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 PLOT DATE = 4/10/2024

DESIGNED - TLW  
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 CHECKED - SJF  
 DATE - 11/30/23

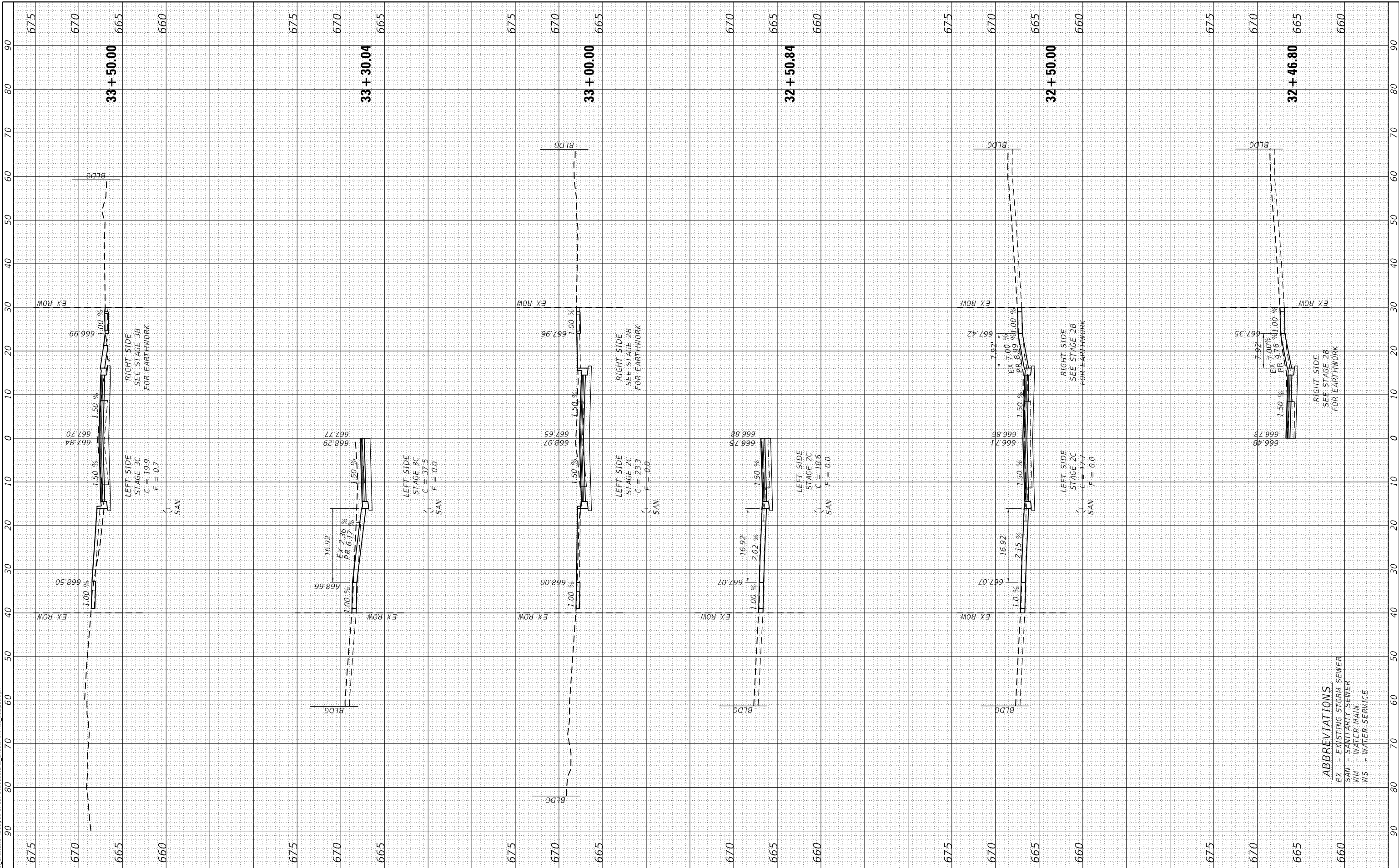
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 32+46.80 TO STA. 33+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	146
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**ABBREVIATIONS**  
 EX - EXISTING STORM SEWER  
 SAN - SANITARY SEWER  
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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

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

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USER NAME	= Sta42
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DATE	- 11/30/23

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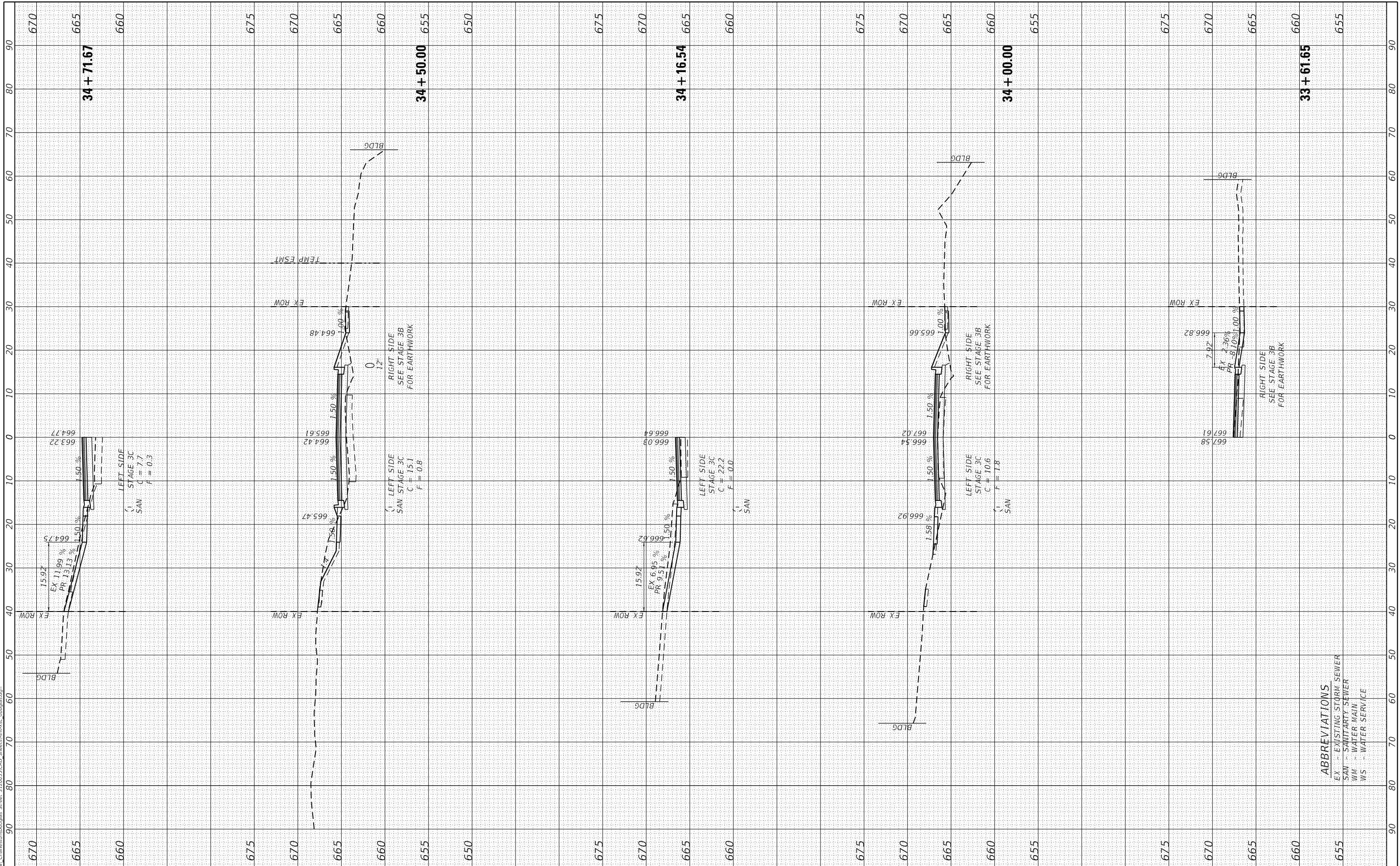
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 33+61.65 TO STA. 34+71.67

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	147
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

**ABBREVIATIONS**  
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 SAN - SANITARY SEWER  
 WM - WATER MAIN  
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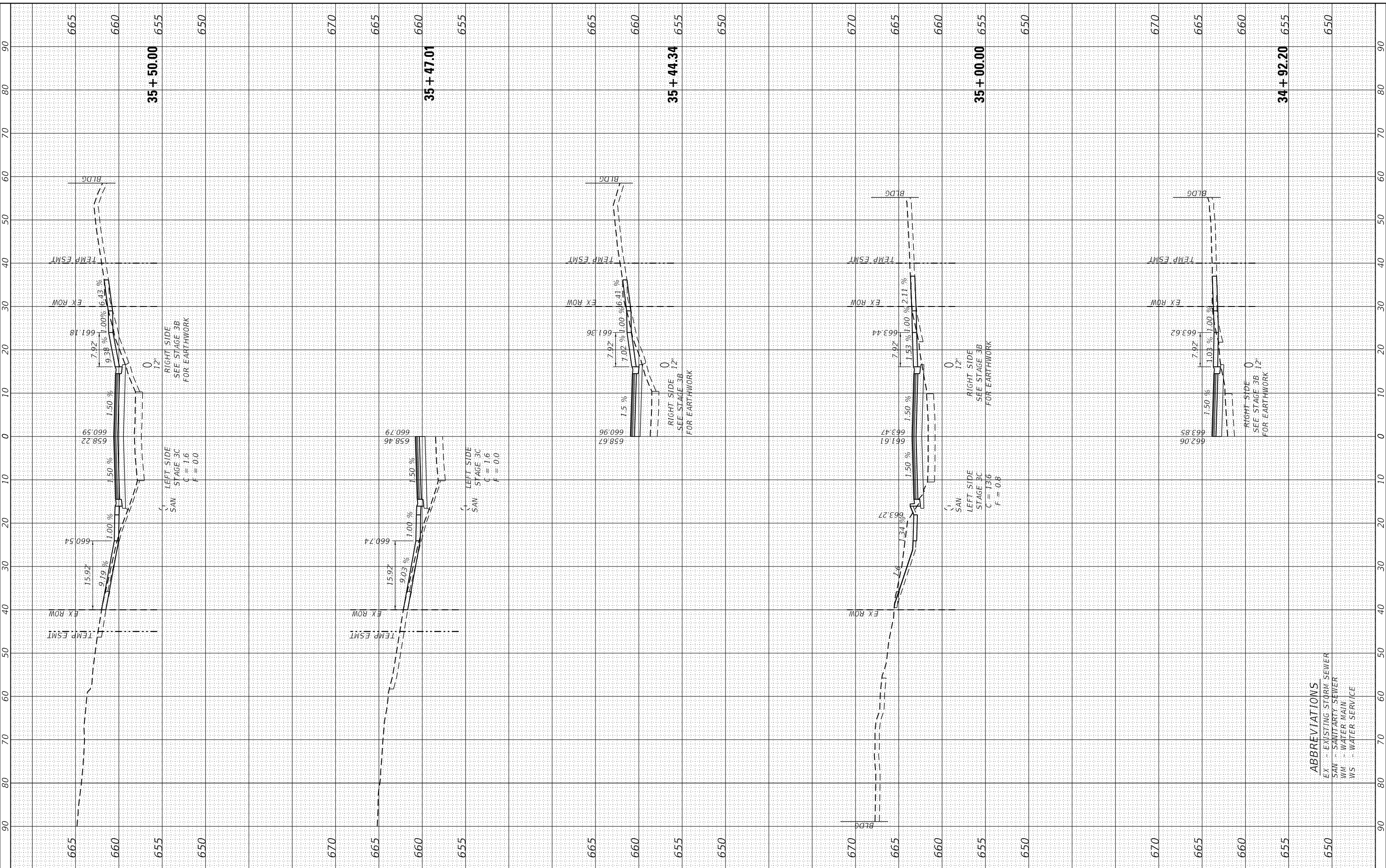




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NO.	TEMPLATE	
	AREAS CHECKED	
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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	AREAS CHECKED	

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USER NAME	= Sta42
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PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 4/10/2024

DESIGNED	- TLW
DRAWN	-
CHECKED	- SJF
DATE	- 11/30/23

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION**  
**CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 34+92.20 TO STA. 35+50.00

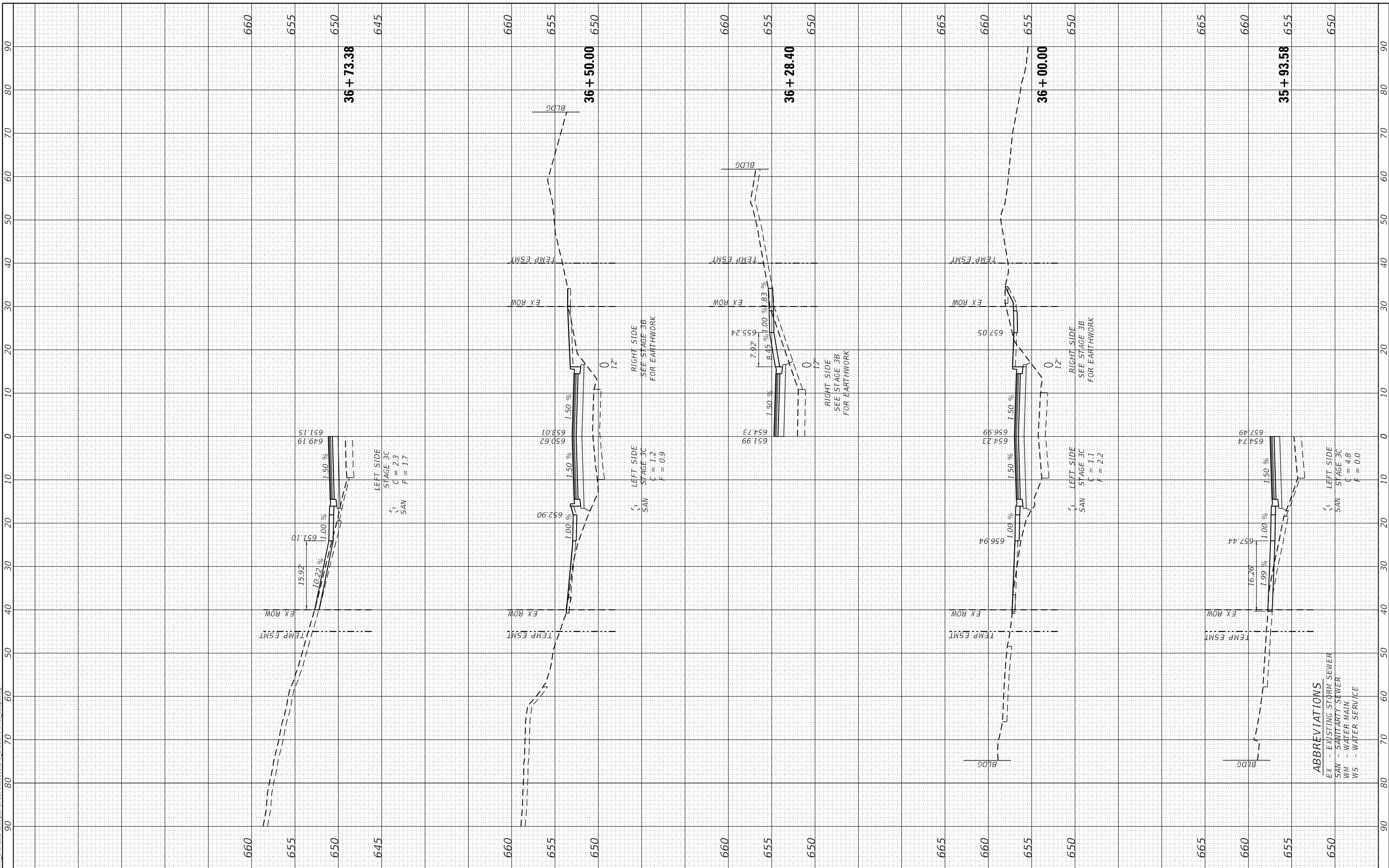
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	148
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

**ABBREVIATIONS**  
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 WM - WATER MAIN  
 WS - WATER SERVICE

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

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

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USER NAME	= Sta42	DESIGNED	- TLW	REVISED	-
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PLOT SCALE	= 20.0000' / in.	CHECKED	- SJF	REVISED	-
PLOT DATE	= 4/10/2024	DATE	- 11/30/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 35+93.58 TO STA. 36+73.38

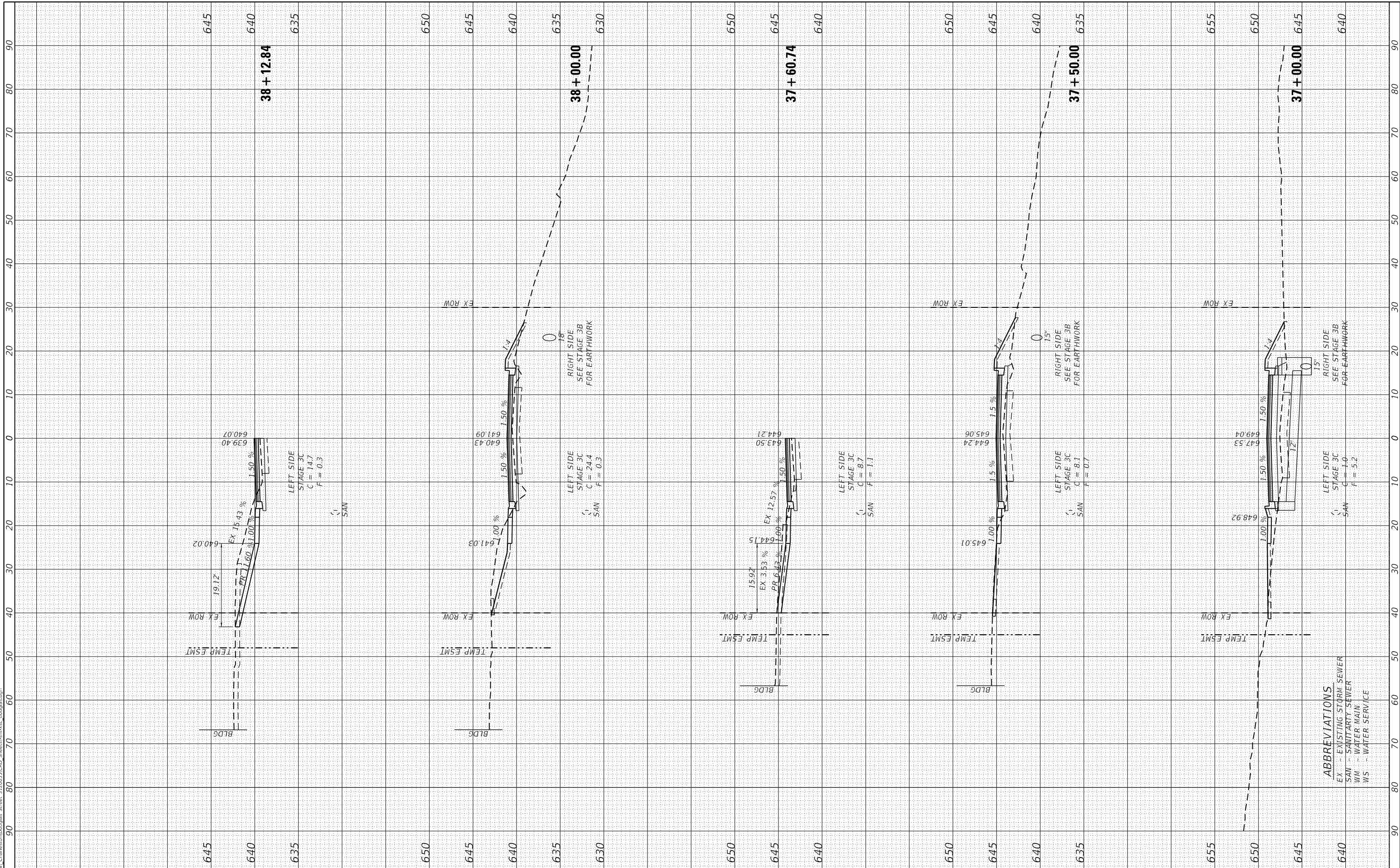
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	149
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

**ABBREVIATIONS**  
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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

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USER NAME	= Sta42	DESIGNED	- TLW
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PLOT DATE	= 4/10/2024	DATE	- 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 37+00.00 TO STA. 38+12.84

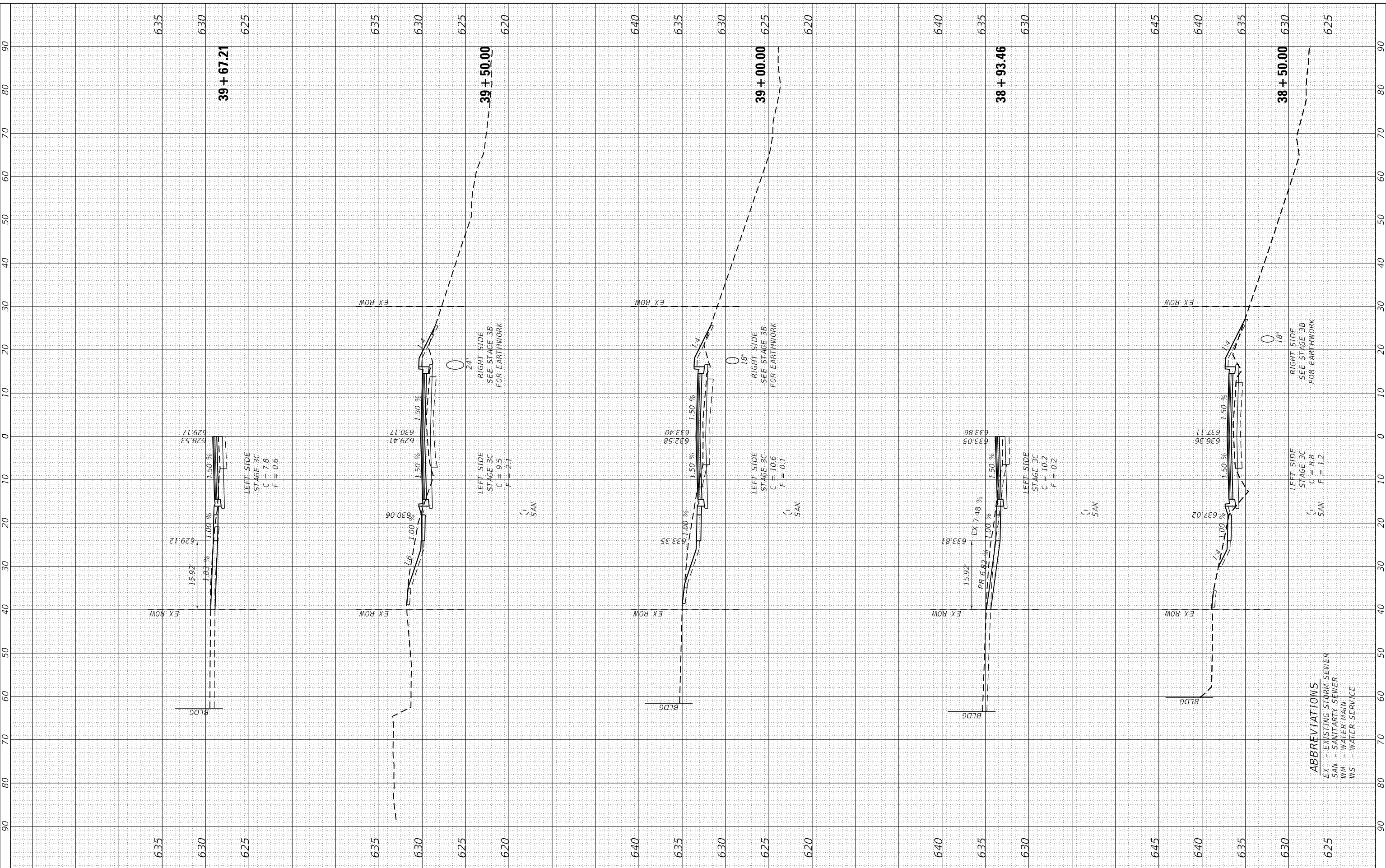
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	150
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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USER NAME	= Sta42
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PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 4/10/2024

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DRAWN	-
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**STATE OF ILLINOIS  
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**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 38+50.00 TO STA. 39+67.21

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	151
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

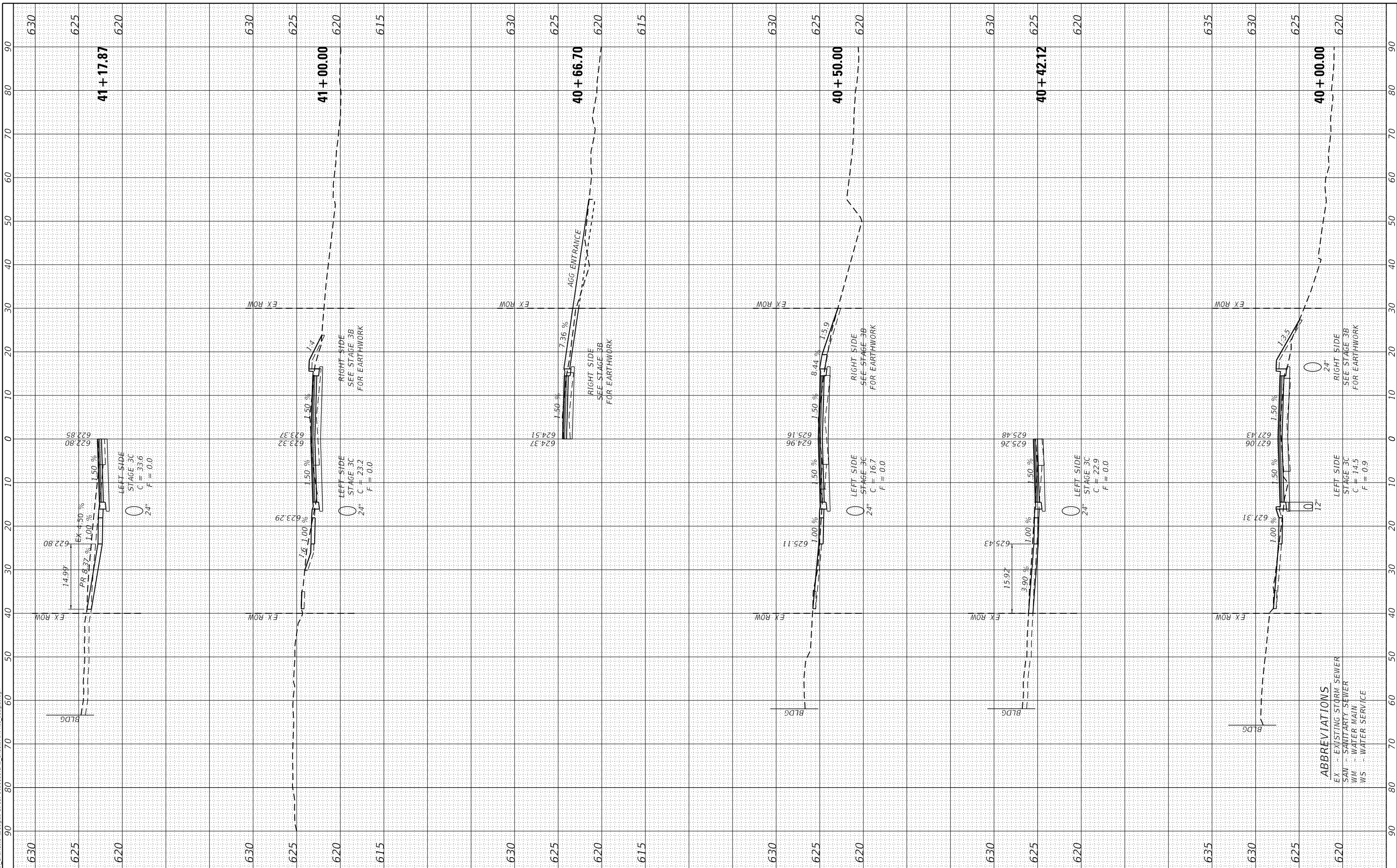
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FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
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DESIGNED - TLW  
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 CHECKED - SJF  
 DATE - 11/30/23

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 40+00.00 TO STA. 41+17.87

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	152
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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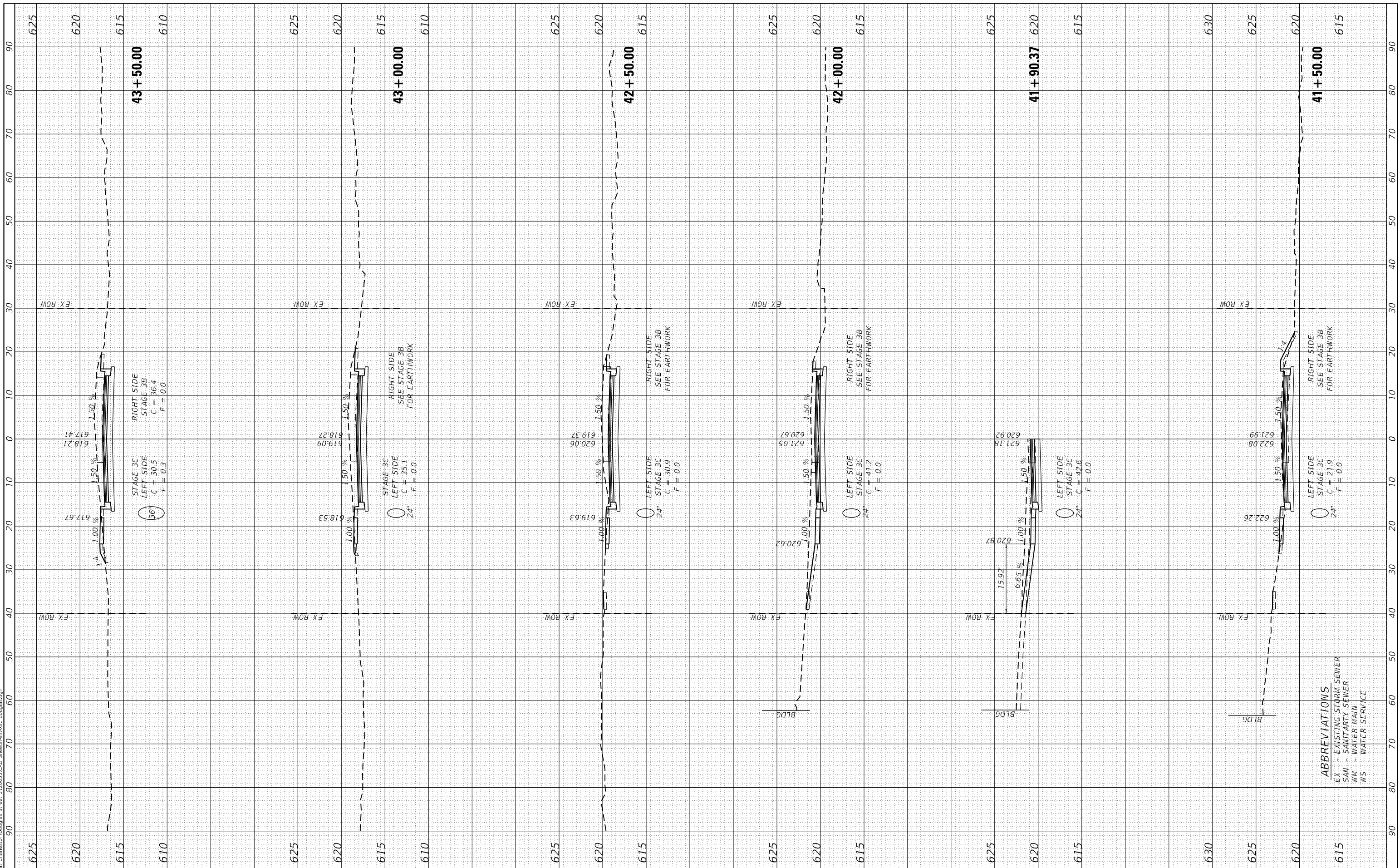
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 41+50.00 TO STA. 43+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	153
CONTRACT NO. 95958				
ILLINOIS FED. AID PROJECT				



**ABBREVIATIONS**  
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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
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**STATE OF ILLINOIS  
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**DOUGLAS STREET RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 44+00.00 TO STA. 45+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7640	19-00118-00-WR	COLES	154	154
				CONTRACT NO. 95958
ILLINOIS		FED. AID PROJECT		

