

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	36	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 93502		

INDEX OF SHEETS:

- 1 COVER SHEET
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- 22 PAVEMENT MARKING PLAN
- 23-25 MISCELLANEOUS ROADWAY DETAILS
- 26-27 WATERMAIN DETAILS
- 28-36 CROSS SECTIONS

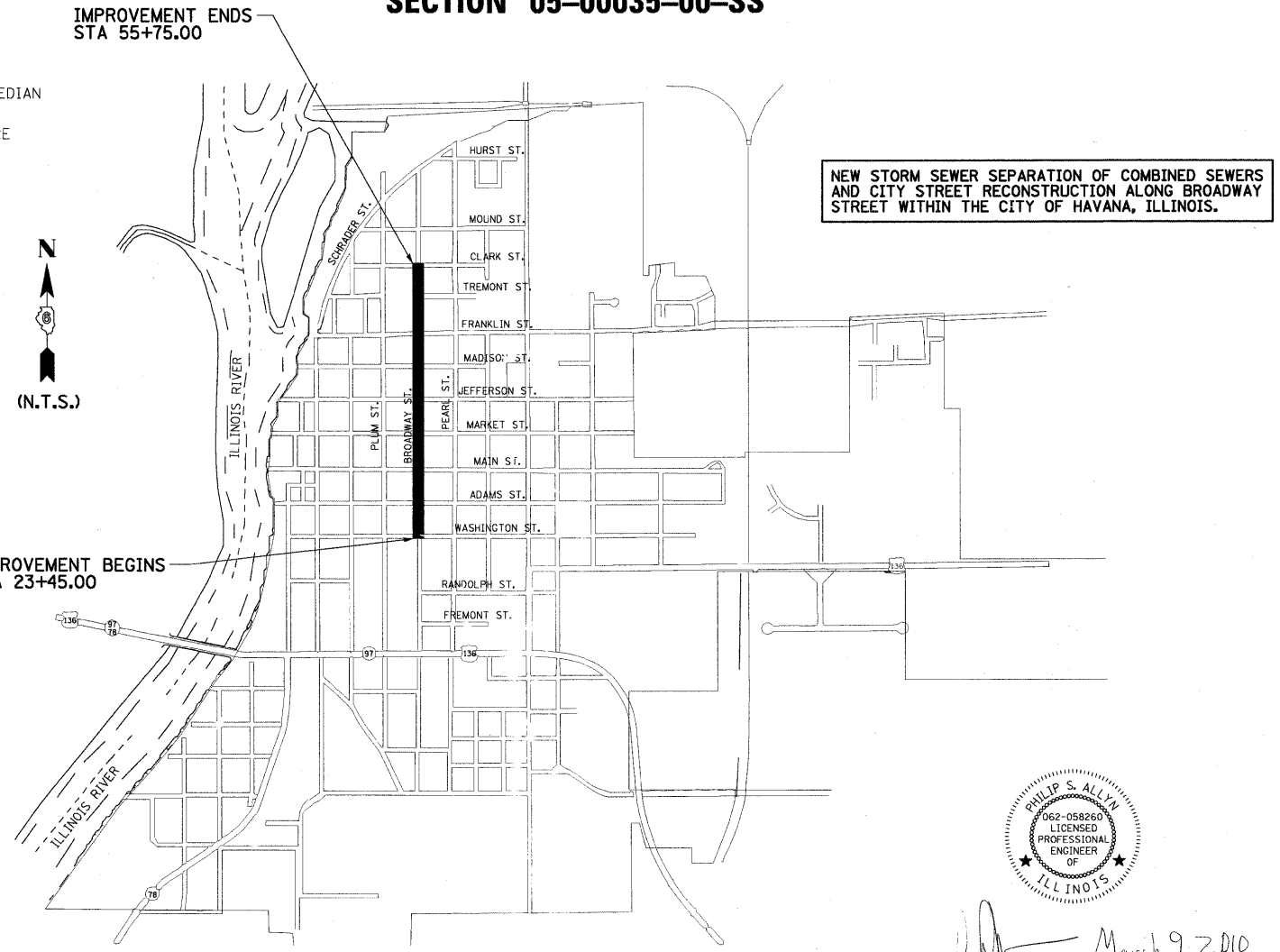
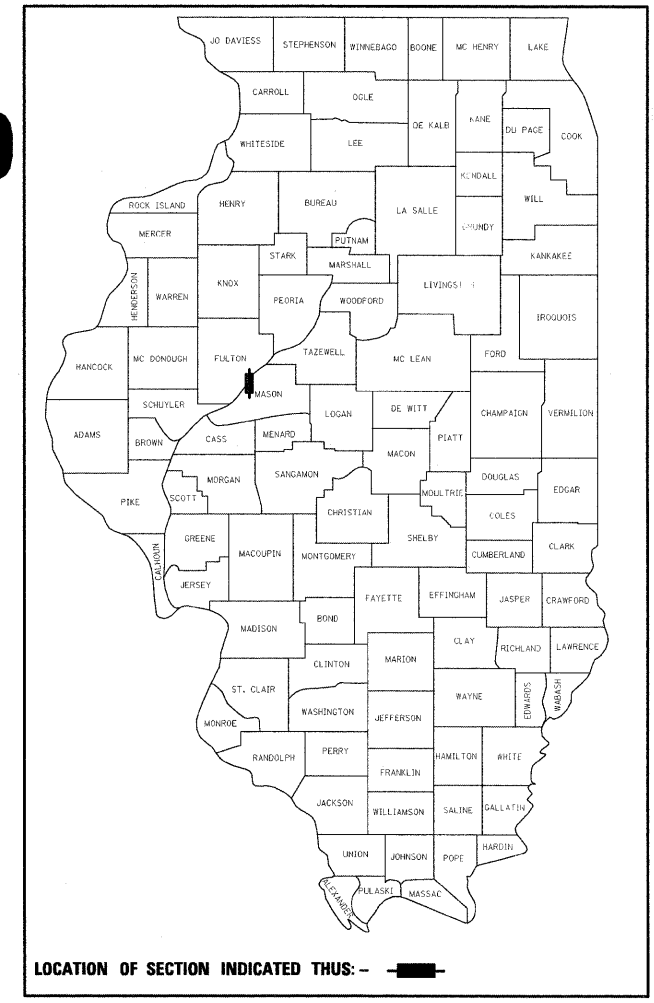
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED PLANS FOR FEDERAL-AID (HIGH PRIORITY) IMPROVEMENTS

CITY OF HAVANA, MASON COUNTY
PROJECT NO. HPP-0036 (107)
JOB NO. C-96-209-10
BROADWAY STREET
(WASHINGTON TO CLARK STREET)
SECTION 05-00035-00-SS

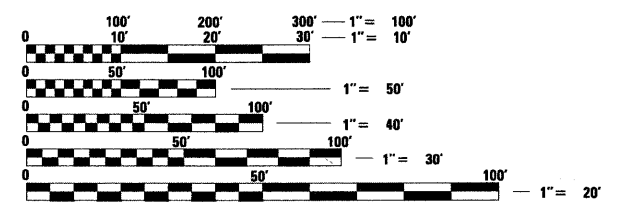
STATE STANDARD DETAILS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
602301-02	INLET - TYPE A
602401-02	MANHOLE TYPE A
602406-03	MANHOLE TYPE A, 6' DIAMETER
602421-01	MANHOLE TYPE A, 9' DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS, CAST IRON
604001-03	FRAMES AND LIDS, TYPE 1
604066-02	FRAME AND LID, TYPE 15
606001-04	CONCRETE CURB TYPE B, AND COMBINATION CONCRETE CURB & GUTTER
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
BLR 10-6	PCC PAVEMENT SPECIAL



NEW STORM SEWER SEPARATION OF COMBINED SEWERS AND CITY STREET RECONSTRUCTION ALONG BROADWAY STREET WITHIN THE CITY OF HAVANA, ILLINOIS.

DESIGN CLASS:
BROADWAY STREET - LOCAL STREET
POSTED SPEED = 30 MPH
DESIGN SPEED = 30 MPH
DESIGN YEAR TRAFFIC: 1,409 (2030) DHV 141



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

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

LOCATION MAP - CITY OF HAVANA
TOTAL LENGTH OF PROJECT = 3,230.00 FEET = 0.612 MILES
NET LENGTH OF PROJECT = 3,230.00 FEET = 0.612 MILES



SIGNATURE
EXPIRATION DATE NOVEMBER 30, 2011

THE IMPROVEMENTS UNDER THIS CONTRACT ARE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "BUREAU OF LOCAL ROADS AND STREETS MANUAL, 2005 EDITION"

APPROVED	March 9, 2010	2010
<i>Dale Roberts</i> MAYOR-CITY OF HAVANA		
PASSED	March 18, 2010	2010
<i>Ron Chambers</i> DISTRICT SIX ENGINEER OF CONSTRUCTION		
PASSED	March 18, 2010	2010
<i>Terence Kestner</i> DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS		
Releasing For Bid Based on Limited Review	March 18, 2010	2010
<i>Paul Driskell</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		

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CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY I000	NON-PARTICIPATING Y060
20200100	EARTH EXCAVATION	CU YD	1,953	
* 20201500	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	850	
* 20800150	TRENCH BACKFILL	CU YD	100	
* 21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,250	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3,245	
25000100	SEEDING, CLASS 1	ACRE	0.7	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	63	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	63	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	63	
25100630	EROSION CONTROL BLANKET	SQ YD	3,245	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	134	
28000500	INLET AND PIPE PROTECTION	EACH	51	
28000510	INLET FILTERS	EACH	27	
35100100	AGGREGATE BASE COURSE, TYPE A	TON	3,590	
* 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	600	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3,568	
40600300	AGGREGATE (PRIME COAT)	TON	13	
40600990	TEMPORARY RAMP	SQ YD	235	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	928	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	618	
42001300	PROTECTIVE COAT	SQ YD	586	
* 42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	103	
* 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	106	
* 42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,330	
* 42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	125	
42400800	DETECTABLE WARNINGS	SQ FT	82	
44000100	PAVEMENT REMOVAL	SQ YD	6,533	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	581	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	161	
44000300	CURB REMOVAL	FOOT	2,793	
44000400	GUTTER REMOVAL	FOOT	15	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	44	
44000600	SIDEWALK REMOVAL	SQ FT	1,280	
* 44201474	CLASS C PATCHES, TYPE I	SQ YD	3	
* 44201476	CLASS C PATCHES, TYPE II	SQ YD	11	
* 44201478	CLASS C PATCHES, TYPE III	SQ YD	38	
* 44201480	CLASS C PATCHES, TYPE IV	SQ YD	1,259	
* 44201980	CLASS D PATCHES, TYPE IV	SQ YD	94	

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY I000	NON-PARTICIPATING Y060
550A5300	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	FOOT	106	
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	260	
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	218	
550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	52	
550B0380	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	50	
550B0410	STORM SEWERS, CLASS B, TYPE 2 24"	FOOT	20	
550B0430	STORM SEWERS, CLASS B, TYPE 2 30"	FOOT	525	
550B0450	STORM SEWERS, CLASS B, TYPE 2 36"	FOOT	1,585	
550B0730	STORM SEWERS, CLASS B, TYPE 3 30"	FOOT	93	
550B0750	STORM SEWERS, CLASS B, TYPE 3 36"	FOOT	268	
* X0321905	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE 12"	FOOT	120	
* X0323093	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE 24"	FOOT	240	
* X0321907	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE 12"	FOOT	134	
* X0323954	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE 18"	FOOT	22	
* X0321909	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE 24"	FOOT	156	
* X0321912	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE 30"	FOOT	83	
△* 56100700	WATER MAIN 8"	FOOT		855
△* XX008209	TAPPING VALVES AND SLEEVES 10" X 8"	EACH		2
△* XX008233	MJ CAPS, 4"	EACH		2
△* XX008234	MJ CAPS, 8"	EACH		1
△* 56200300	WATER SERVICE LINE 1"	FOOT		166
△* 56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	150	
△* 56300300	ADJUSTING WATER SERVICE LINES	FOOT	100	
△* 56400500	FIRE HYDRANTS TO BE REMOVED	EACH		2
△* 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH		2
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	130	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	19	
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	
* 60231700	MANHOLES, SPECIAL, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	
* X0301007	INLET-MANHOLE, TYPE G-1, 4'-DIAMETER, SPECIAL	EACH	1	
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	1	
* 60241800	INLETS, TYPE G-1	EACH	25	
* 60255500	MANHOLES TO BE ADJUSTED	EACH	2	
60500040	REMOVING MANHOLES	EACH	2	
60500060	REMOVING INLETS	EACH	15	
* 60600605	CONCRETE CURB, TYPE B	FOOT	129	
* 60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,476	

△ SPECIALTY ITEM
* SPECIAL PROVISION

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CHECKED - ERB
DATE - 03/09/10

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET
SUMMARY OF QUANTITIES

F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
05-00035-00-SS MASON 36 2
CONTRACT NO. 93502

SCALE: N.T.S. SHEET NO. OF SHEETS STA. 23+45 TO STA. 55+75

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



7707 NORTH KNOXVILLE AVENUE, SUITE 200, FEDERAL ILLINOIS 61814
609489-9880 / 609489-9820 FAX
www.f.com

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TOPSOIL AND SEEDING

Table with columns: STATION, TO STATION, TOPSOIL FURNISH AND PLACE, 4" (SY), TEMPORARY EROSION CONTROL SEEDING (POUND) (2 APPLICATIONS), SEEDING, CLASS 1 (ACRE), NITROGEN FERTILIZER NUTRIENT (POUND), PHOSPHORUS FERTILIZER NUTRIENT (POUND), POTASSIUM FERTILIZER NUTRIENT (POUND), EROSION CONTROL BLANKET (SY)

INLET AND PIPE PROTECTION

Table with columns: LOCATION, EACH

REMOVING INLETS

Table with columns: LOCATION, EACH

REMOVING MANHOLES

Table with columns: LOCATION, EACH

MANHOLES TO BE ADJUSTED

Table with columns: LOCATION, EACH

EARTHWORK TABLE

Table with columns: STATION, TO STATION, EARTH EXCAVATION (CY), EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (CY), EMBANKMENT (CY), EARTHWORK BALANCE WASTE (+) OR BORROW (-) (CY)

INLET FILTERS

Table with columns: LOCATION, EACH

INLETS, TYPE G-1

Table with columns: LOCATION, EACH

INLETS, TYPE A, TYPE 15 FRAME AND LID

Table with columns: LOCATION, EACH

MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

Table with columns: LOCATION, EACH

MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID

Table with columns: LOCATION, EACH

MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID

Table with columns: LOCATION, EACH

MANHOLES, SPECIAL, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID

Table with columns: LOCATION, EACH

INLET-MANHOLE, TYPE G-1, 4'-DIAMETER, SPECIAL

Table with columns: LOCATION, EACH

STORM SEWER REMOVAL

Table with columns: LOCATION, FOOT

STORM SEWERS, CLASS A, TYPE 2 ERS 36"

Table with columns: LOCATION, FOOT

STORM SEWERS, CLASS B, TYPE 1 12"

Table with columns: LOCATION, FOOT

STORM SEWERS, CLASS B, TYPE 2 12"

Table with columns: LOCATION, FOOT

STORM SEWERS, CLASS B, TYPE 2 15"

Table with columns: LOCATION, FOOT

STORM SEWERS, CLASS B, TYPE 2 18"

Table with columns: LOCATION, FOOT

STORM SEWERS, CLASS B, TYPE 2 24"

Table with columns: LOCATION, FOOT

STORM SEWERS, CLASS B, TYPE 2 30"

Table with columns: LOCATION, FOOT

EPOXY PAVEMENT MARKING - LINE 4"

Table with columns: LOCATION, FOOT

EPOXY PAVEMENT MARKING - LINE 12"

Table with columns: LOCATION, FOOT

STORM SEWERS, CLASS B, TYPE 2 36"

Table with columns: LOCATION, FOOT

STORM SEWERS, CLASS B, TYPE 3 30"

Table with columns: LOCATION, FOOT

STORM SEWERS, CLASS B, TYPE 3 36"

Table with columns: LOCATION, FOOT

STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE 12"

Table with columns: LOCATION, FOOT

STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE 24"

Table with columns: LOCATION, FOOT

STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE 12"

Table with columns: LOCATION, FOOT

STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE 18"

Table with columns: LOCATION, FOOT

STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE 24"

Table with columns: LOCATION, FOOT

STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE 30"

Table with columns: LOCATION, FOOT

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DESIGNED - PSA

REVISIONS table

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET SCHEDULE OF QUANTITIES

F.A. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. 93502

LOCATION	PROTECTIVE COAT (SQ YD)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FOOT)	CONCRETE CURB, TYPE B (FOOT)	CURB REMOVAL (FOOT)	GUTTER REMOVAL (FOOT)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	PAVEMENT REMOVAL (SQ YD)
STA. 24+02.00 TO 27+33.00	282	1,220		1,280			1,377
STA. 27+96.00 TO 31+77.61	285	1,230		1,267			1,422
STA. 31+77.61 TO 36+27.50							
STA. 36+27.50 TO 39+85.52							723
STA. 39+85.52 TO 43+83.75							790
STA. 43+83.75 TO 47+52.87							733
STA. 47+52.87 TO 52+11.25							897
STA. 52+11.25 TO 55+12.00							591
STA. 23+55.00, RT.	1	6				6	
STA. 27+49.00, RT.						9	
STA. 27+79.00, RT.						9	
STA. 27+90.00, RT.	5	20				20	
STA. 28+13.00, RT.					15		
STA. 31+42.00, RT.				9			
STA. 32+12.00, RT.				9			
STA. 34+19.00, RT.	1		10	10			
STA. 34+60.00, LT.	2		15	15			
STA. 38+45.00, LT.	1		12	21			
STA. 39+44.00, LT.			12	9			
STA. 41+72.00, LT.	1		12	21			
STA. 43+48.00, LT.	1		6	15			
STA. 45+35.00, LT.	1		12	21			
STA. 46+95.00, LT.	1		12	12			
STA. 47+10.00, LT.				9			
STA. 47+85.00, LT.			12	9			
STA. 48+00.00, LT.	1		12	12			
STA. 49+75.00, LT.	1		12	21			
STA. 51+85.00, RT.	1		10	19			
STA. 52+30.00, RT.	2		16	25			
STA. 54+67.73, LT.				25			
TOTALS	586	2,476	129	2,793	15	44	6,533

LOCATION	AGGREGATE BASE COURSE, TYPE A (B*)	BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
	(TON)	MC-30 (GAL)	RC-70	(TON)	(TON)	(TON)
STA. 23+68.21 TO 27+63.63	743	653	164	3	212	141
STA. 27+63.63 TO 31+26.00	762	660	168	3	218	145
STA. 31+26.00 TO 36+27.50						
STA. 36+27.50 TO 39+85.52	324	285	71	1	92	61
STA. 39+85.52 TO 43+83.75	360	316	79	2	102	68
STA. 43+83.75 TO 47+52.87	333	292	73	1	95	63
STA. 47+52.87 TO 52+11.25	409	359	90	2	116	78
STA. 52+11.25 TO 55+75.00	326	286	72	1	93	62
TOTALS	3,257	2,861	717	13	928	618

LOCATION	SQ YD
STA. 27+28.00 TO STA. 28+00.00	581
TOTAL	581

LOCATION	CU YD
STA. 55+62.00, 19.0' LT.	130
TOTAL	130

LOCATION	WIDTH (FOOT)	WIDTH @ CURB (FOOT)	LENGTH (FOOT)	SQ YD
STA. 25+26.50, LT.	12.0	14.5	11.5	17
STA. 25+86.50, LT.	12.0	18.0	12.0	20
STA. 28+55.50, RT.	12.0	14.0	15.0	22
STA. 28+84.00, RT.	12.0	14.0	15.0	22
STA. 29+87.50, RT.	12.0	14.0	15.0	22
TOTAL				103

LOCATION	WIDTH (FOOT)	WIDTH @ CURB (FOOT)	LENGTH (FOOT)	SQ YD
STA. 25+97.00, RT.	12.0	25.0	14.0	27
STA. 28+72.50, RT.	12.0	22.0	13.5	26
STA. 30+15.00, LT.	25.0	45.0	13.5	53
TOTAL				106

LOCATION	SQ YD
STA. 25+26.50, LT.	15
STA. 25+86.50, LT.	15
STA. 25+97.00, RT.	22
STA. 28+55.50, RT.	16
STA. 28+84.00, RT.	18
STA. 29+87.50, RT.	18
STA. 30+15.00, LT.	57
TOTAL	161

LOCATION	SQ. YD.
STA. 24+02.00	31
STA. 27+63.63, LT.	16
STA. 27+63.63, RT.	14
STA. 31+26.00	20
STA. 36+27.50, LT.	10
STA. 39+85.52, LT.	19
STA. 39+85.52, LT.	19
STA. 43+83.75, LT.	17
STA. 43+83.75, LT.	19
STA. 47+52.87, LT.	16
STA. 47+52.87, LT.	19
STA. 52+11.25, LT.	19
STA. 55+46.49, LT.	16
STA. 55+46.49, LT.	22
STA. 55+75.00, LT.	9
TOTAL	235

LOCATION	SQ FT
STA. 24+99.00, RT.	39
TOTAL	39

LOCATION	SQ FT
STA. 24+27.30, LT.	4
STA. 24+99.00, RT.	10
STA. 27+34.00, RT.	8
STA. 27+48.00, RT.	8
STA. 29+02.80, RT.	8
STA. 29+61.00, RT.	8
STA. 29+61.00, RT.	8
STA. 30+43.50, RT.	28
TOTAL	82

LOCATION	SQ FT
STA. 23+99.00, LT.	65
STA. 24+25.30, LT.	19
STA. 24+85.00, LT.	20
STA. 24+96.20, RT.	64
STA. 25+33.70, RT.	205
STA. 25+70.70, LT.	34
STA. 25+92.50, LT.	20
STA. 28+49.80, RT.	25
STA. 28+61.00, LT.	21
STA. 27+00.25, LT.	51
STA. 27+31.00, RT.	174
STA. 28+15.80, LT.	26
STA. 28+40.00, RT.	28
STA. 28+68.00, RT.	41
STA. 29+00.75, RT.	52
STA. 29+21.50, LT.	26
STA. 29+51.10, RT.	72
STA. 29+76.10, RT.	20
STA. 30+04.50, RT.	317
TOTAL	1,280

LOCATION	SQ FT
STA. 23+99.00, LT.	65
STA. 24+25.30, LT.	44
STA. 24+85.00, LT.	20
STA. 24+96.20, RT.	30
STA. 25+33.70, RT.	205
STA. 25+70.70, LT.	46
STA. 25+92.50, LT.	20
STA. 28+49.80, RT.	25
STA. 28+61.00, LT.	21
STA. 27+00.25, LT.	51
STA. 27+31.00, RT.	174
STA. 28+15.80, LT.	26
STA. 28+40.00, RT.	28
STA. 28+68.00, RT.	41
STA. 29+00.75, RT.	62
STA. 29+21.50, LT.	26
STA. 29+51.10, RT.	102
STA. 29+76.10, RT.	20
STA. 30+04.50, RT.	324
TOTAL	1,330

LOCATION	SQ FT
STA. 30+02.50, LT.	125
STA. 30+27.50, LT.	125
TOTAL	125

LOCATION	SQ FT
STA. 31+28.11, LT.	104
STA. 31+28.11, RT.	45
STA. 32+20.72, LT.	107
TOTAL	256

LOCATION	FOOT
STA. 31+28.00, RT.	8
STA. 31+28.00, LT.	18
TOTAL	26

LOCATION	EACH
STA. 23+72.00, 30.5' RT.	1
STA. 31+99.50, 23.0' RT.	1
TOTAL	2

LOCATION	EACH
STA. 23+79.50, 19.0' RT.	1
STA. 31+98.00, 16.5' RT.	1
TOTAL	2

LOCATION	EACH
STA. 23+45.00, 29.5' RT.	1
TOTAL	1

LOCATION	EACH
STA. 24+01.50, 37.0' RT.	1
STA. 27+98.50, 39.0' LT.	1
TOTAL	2

LOCATION	EACH
STA. 24+08.00, 23.0' RT.	1
STA. 27+87.00, 23.0' RT.	1
TOTAL	2

LOCATION	EACH
STA. 23+70.50, 26.0' RT.	1
STA. 27+83.40, 23.0' RT.	1
TOTAL	2

LOCATION	EACH
STA. 23+77.00, 31.0' RT.	1
STA. 23+80.00, 28.0' RT.	1
TOTAL	2

LOCATION	EACH
STA. 23+65.00, 23.0' RT.	1
TOTAL	1

LOCATION	FOOT
STA. 23+45.00 TO STA. 27+63.63	418
STA. 27+63.63 TO STA. 32+00.00	437
TOTAL	855

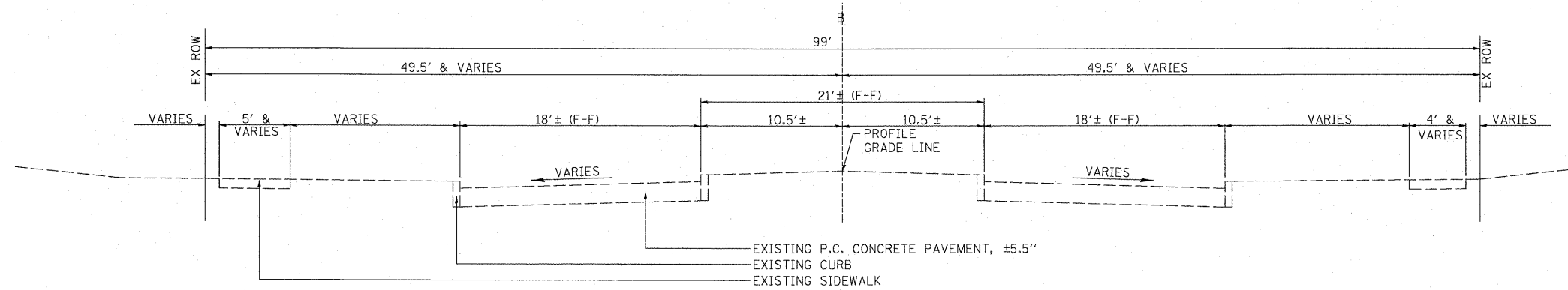
LOCATION	FOOT
STA. 25+22.00, RT.	18
STA. 25+88.50, RT.	14
STA. 28+52.00, RT.	19
STA. 27+39.00, RT.	28
STA. 28+42.50, RT.	21
STA. 28+73.00, RT.	27
STA. 29+78.50, RT.	21
STA. 31+01.00, RT.	18
TOTAL	166

LOCATION	FOOT
STA. 24+08.50, LT.	62
STA. 24+86.00, LT.	62
STA. 25+87.00, LT.	64
STA. 28+62.50, LT.	64
STA. 27+03.00, LT.	64
STA. 28+17.00, LT.	65
STA. 29+23.00, LT.	65
TOTAL	446

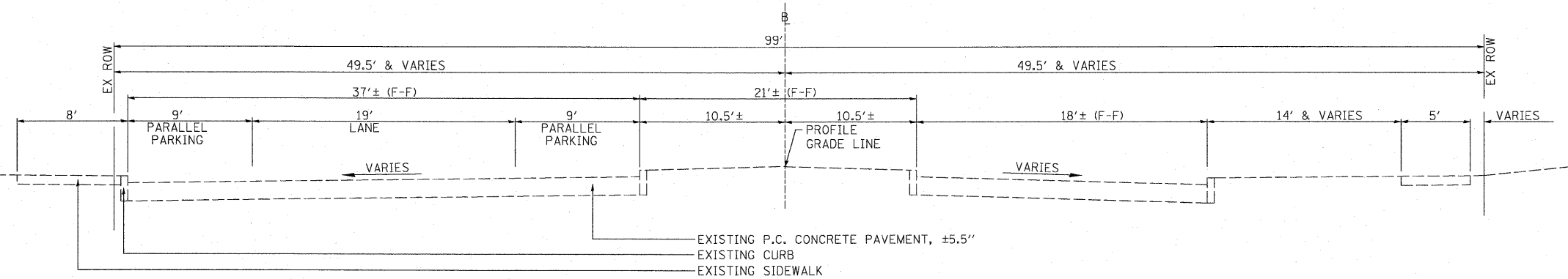
LOCATION	EACH
STA. 23+72.00, 30.5' RT.	1
STA. 31+99.50, 23.0' RT.	1
TOTAL	2

LOCATION	EACH
STA. 24+08.50, LT.	1
STA. 24+86.00, LT.	1
STA. 25+22.00, RT.	1
STA. 25+88.50, RT.	1
STA. 25+87.00, LT.	1
STA. 28+62.50, RT.	1
STA. 27+03.00, LT.	1
STA. 27+39.00, RT.	1
STA. 28+17.00, LT.	1
STA. 28+42.50, RT.	1
STA. 28+73.00, RT.	1
STA. 29+23.00, LT.	1
STA. 29+78.50, RT.	1
STA. 31+01.00, RT.	1
TOTAL	15

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**BROADWAY STREET
EXISTING TYPICAL SECTION**
 STA 24+02 TO STA 31+11
 (WASHINGTON STREET TO MAIN STREET)
 STA 36+21 TO STA 55+75
 (MARKET STREET TO CLARK STREET)



**BROADWAY STREET
EXISTING TYPICAL SECTION**
 STA 31+77.61 TO STA 36+21
 (MAIN STREET TO MARKET STREET)

0081364_TypXsect.dgn
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 PR2008/080119500 Havana Broadway.dgn

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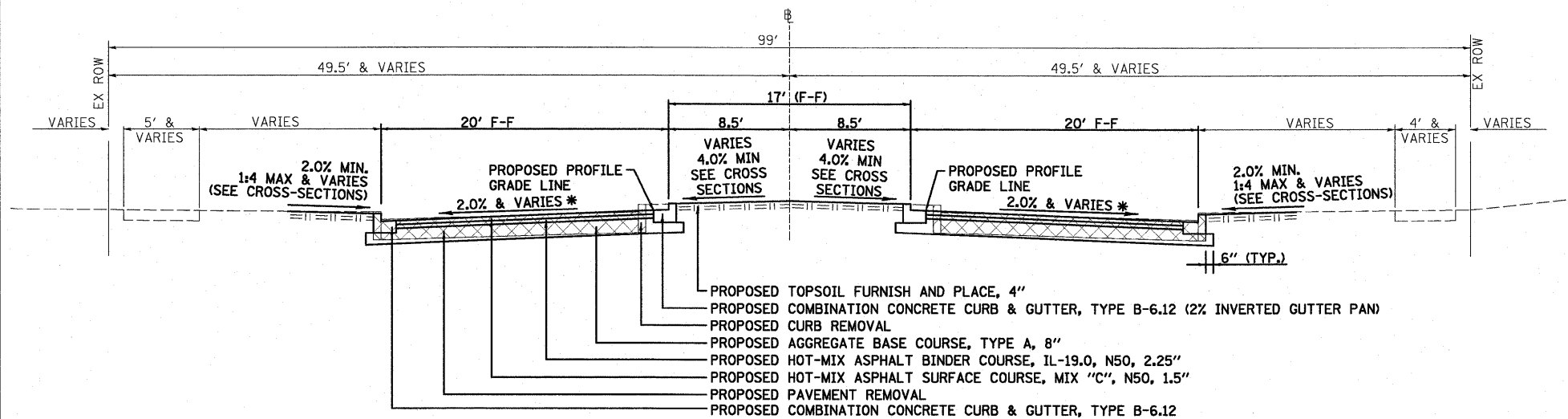
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET
EXISTING TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. OF SHEETS STA. 24+02 TO STA. 36+21

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	36	6
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



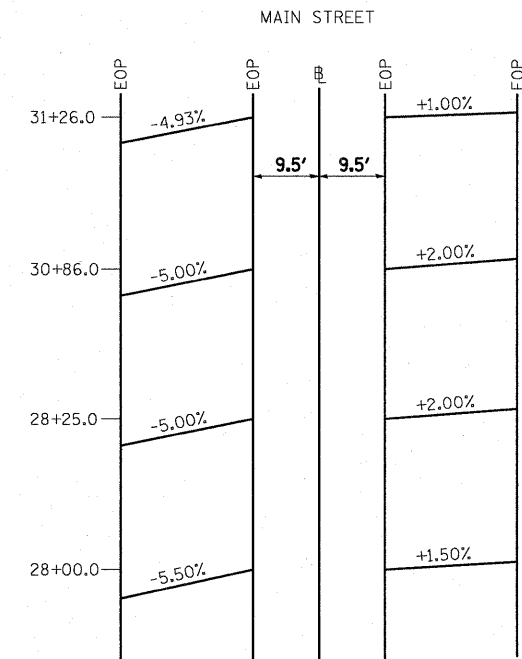
* VARIES -11.3% TO +5.5% (SEE SUPERELEVATION TRANSITION DETAIL)

**BROADWAY STREET
PROPOSED TYPICAL SECTION
STA 24+02 TO STA 31+26
(WASHINGTON STREET TO MAIN STREET)**

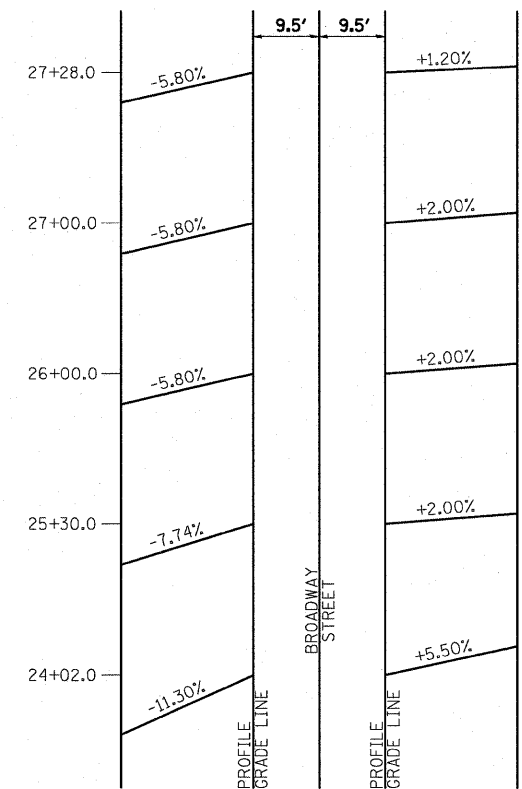
STRUCTURAL DESIGN DATA:

ADT (2008) 1,143, (2020) 1,288 DHV=129
 STRUCTURAL DESIGN YEAR: 2020
 PV: 1,229 SU: 42 MU: 17
 CLASS OF STREET: III
 TRAFFIC FACTOR: 0.092 AT 20 YEAR DESIGN PERIOD WITH 73,280 LB TRUCKS
 SUBGRADE SUPPORT RATING: POOR
 PAVEMENT STRUCTURAL MATERIALS: 3.75" HMA ON 8" AGGREGATE BASE

MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE	HOX-MIX ASPHALT BINDER COURSE
AC/PG:	PG 64-22 (N50)	PG 64-22 (N50)
RAP % (MAX):	15%	15%
DESIGN AIR VOIDS	4.0% AT Ndes = 50	4.0% AT Ndes = 50
MIXTURE CONDITION: (GRADUATION MIXTURE)	IL-9.5	IL-19.0
FRICTION AGGREGATE	MIX C	N/A



**ADAMS STREET
OMMISSION**



NOTES:
 1. SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION.
 2. ADAMS STREET OMISSION FROM STA 27+28.0 TO STA 28+00.0

BROADWAY STREET SUPERELEVATION TRANSITION DETAIL

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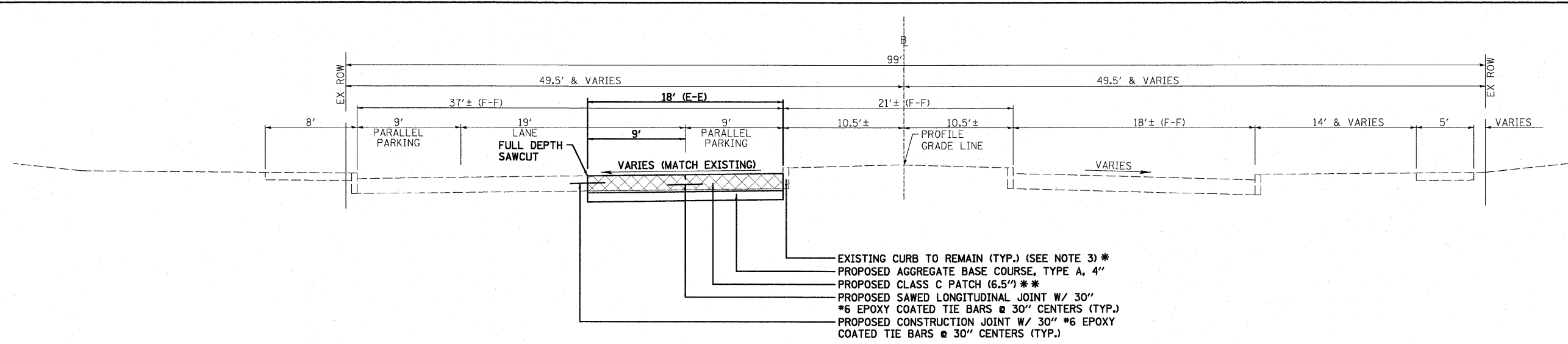
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		DATE - 03/09/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF HAVANA - BROADWAY STREET
PROPOSED TYPICAL SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	36	7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 93502	

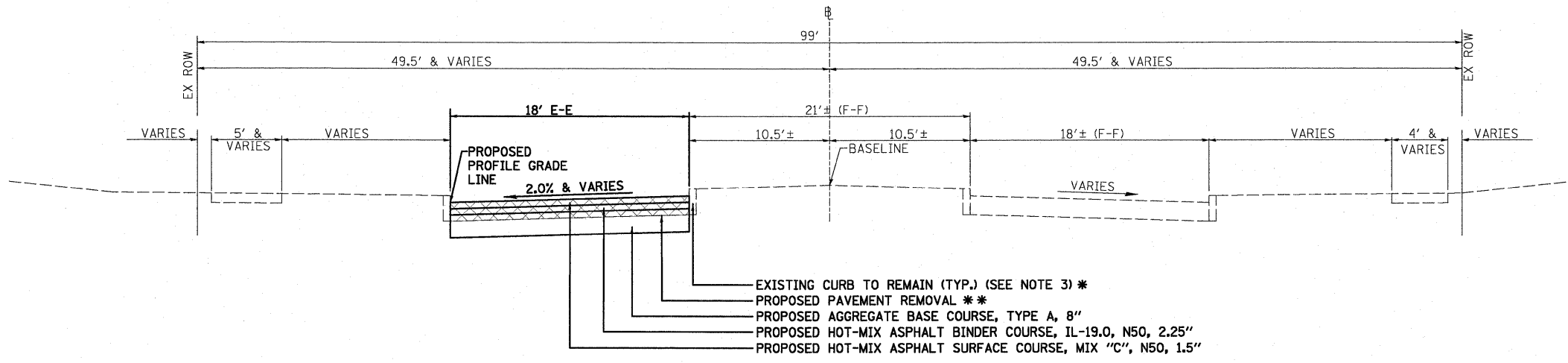
SCALE: N.T.S. SHEET NO. OF SHEETS STA. 24+02 TO STA. 31+11



**BROADWAY STREET
PROPOSED TYPICAL SECTION
STA 31+26.0 TO STA 36+27.5
(MAIN STREET TO MARKET STREET)**

** FULL DEPTH SAWCUTS SHALL BE PROVIDED AT REMOVAL LIMIT (FACE OF CURB) IF PAVEMENT DOES NOT SEPARATE EASILY FROM CURB.

- EXISTING CURB TO REMAIN (TYP.) (SEE NOTE 3) *
- PROPOSED AGGREGATE BASE COURSE, TYPE A, 4"
- PROPOSED CLASS C PATCH (6.5") **
- PROPOSED SAWED LONGITUDINAL JOINT W/ 30"
- *6 EPOXY COATED TIE BARS @ 30" CENTERS (TYP.)
- PROPOSED CONSTRUCTION JOINT W/ 30" *6 EPOXY COATED TIE BARS @ 30" CENTERS (TYP.)



**BROADWAY STREET
PROPOSED TYPICAL SECTION
STA 36+27.5 TO STA 55+75.0
(MARKET STREET TO CLARK STREET)**

** FULL DEPTH SAWCUTS SHALL BE PROVIDED AT REMOVAL LIMIT (FACE OF CURB) IF PAVEMENT DOES NOT SEPARATE EASILY FROM CURB.

- EXISTING CURB TO REMAIN (TYP.) (SEE NOTE 3) *
- PROPOSED PAVEMENT REMOVAL **
- PROPOSED AGGREGATE BASE COURSE, TYPE A, 8"
- PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"
- PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1.5"

STRUCTURAL DESIGN DATA:

ADT (2008) 1,143, (2020) 1,288 DHV=129
 STRUCTURAL DESIGN TRAFFIC YEAR: 2020
 PV: 1,229 SU: 42 MU: 17
 CLASS OF STREET: III
 TRAFFIC FACTOR: 0.092 AT 20 YEAR DESIGN PERIOD WITH 73,280 LB TRUCKS
 SUBGRADE SUPPORT RATING: POOR
 PAVEMENT STRUCTURAL MATERIALS: 3.75" HMA ON 8" AGGREGATE BASE

MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE	HOT-MIX ASPHALT BINDER COURSE
AC/PG:	PG 64-22 (N50)	PG 64-22 (N50)
RAP % (MAX):	15%	15%
DESIGN AIR VOIDS:	4.0% AT Ndes = 50	4.0% AT Ndes = 50
MIXTURE CONDITION: (GRADUATION MIXTURE)	IL-9.5	IL-19.0
FRICTION AGGREGATE	MIX C	N/A

- NOTES:**
- THE SAWED LONGITUDINAL JOINT AND TIE BARS SHALL BE PROVIDED IN ACCORDANCE WITH STANDARD BLR 10-6, TYPE E JOINT EXCEPT IT SHALL ALSO BE SEALED WITH HOT Poured JOINT SEALER IN ACCORDANCE WITH ARTICLE 1050.02.
 - THE SAWED TRANSVERSE CONTRACTION JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH STANDARD BLR 10-6, TYPE C JOINT AT 12.5' SPACING EXCEPT IT SHALL ALSO BE SEALED WITH HOT Poured JOINT SEALER IN ACCORDANCE WITH ARTICLE 1050.02.
 - EXISTING CURB IS NOT TO BE DISTURBED. SHOULD CURB BE DISTURBED DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL REPLACE WITH CONCRETE CURB TY B AT HIS/HER OWN EXPENSE. PROPOSED BACK OF CURB SHALL MATCH EXISTING BACK OF CURB.

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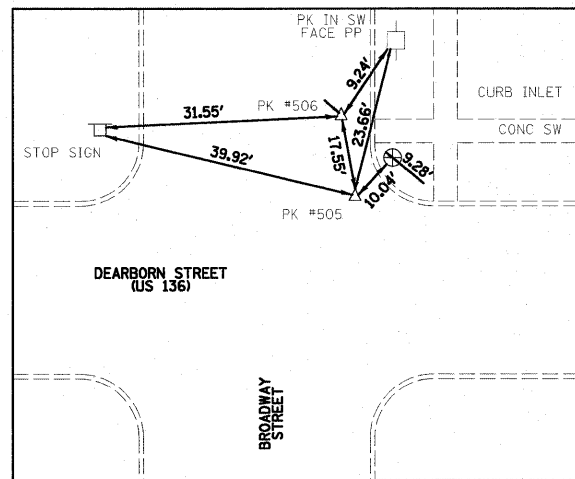
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

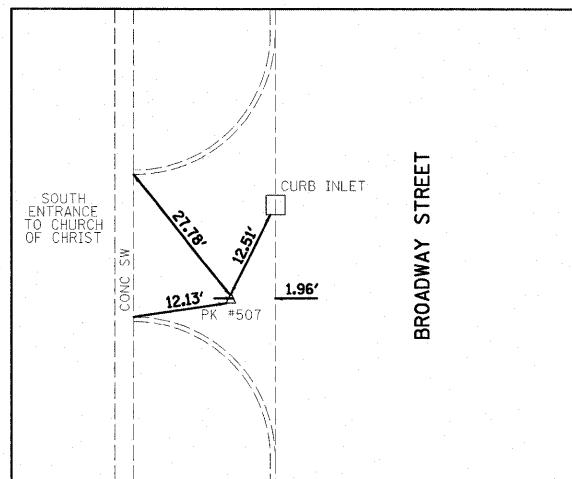
**CITY OF HAVANA - BROADWAY STREET
PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. 31+26 TO STA. 55+75

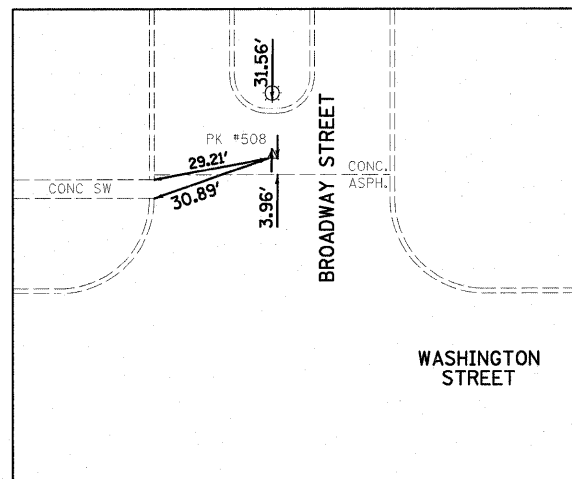
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	36	8
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



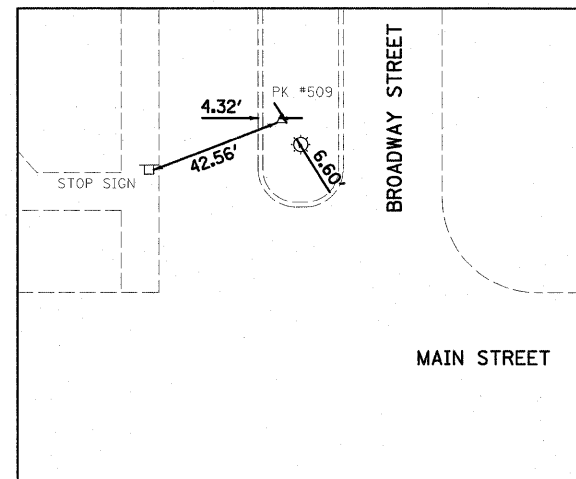
PK #505 / N 1321045.425 / E 2326106.763
 STA. 10+19.22 / 13.48' RT
 PK #506 / N 1321062.931 / E 2326105.044
 STA. 10+36.71 / 11.62' RT



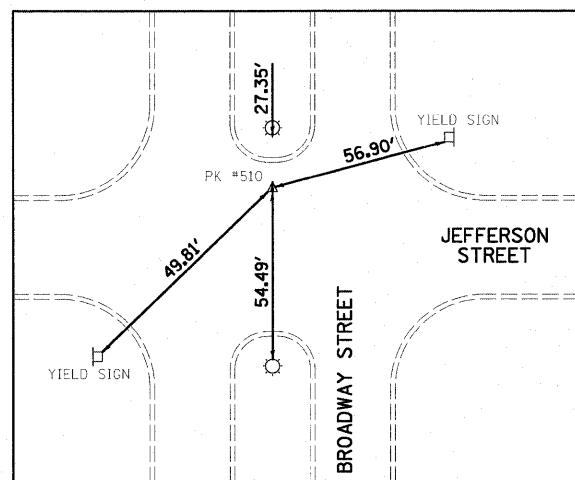
PK #507 / N 1321604.541 / E 2326080.227
 STA. 15+78.10 / 17.61' LT



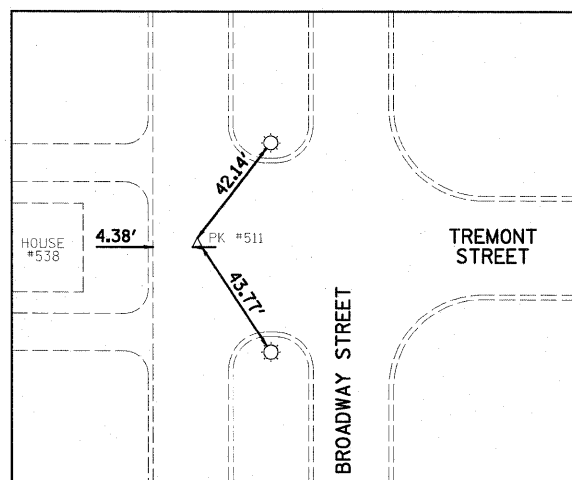
PK #508 / N 1322434.953 / E 2326109.530
 STA. 24+08.67 / 0.91' LT



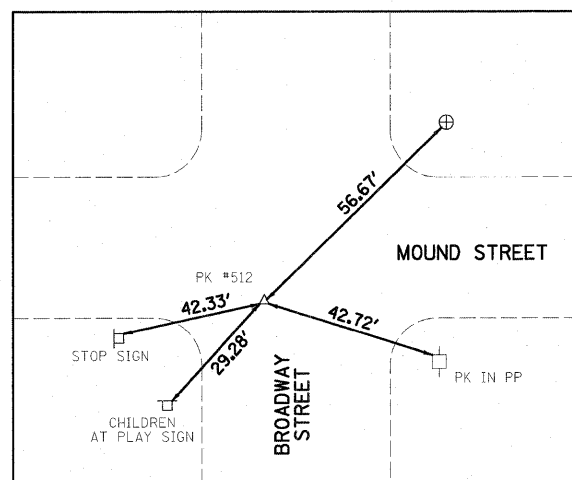
PK #509 / N 1323273.638 / E 2326103.246
 STA. 32+47.36 / 6.28' LT



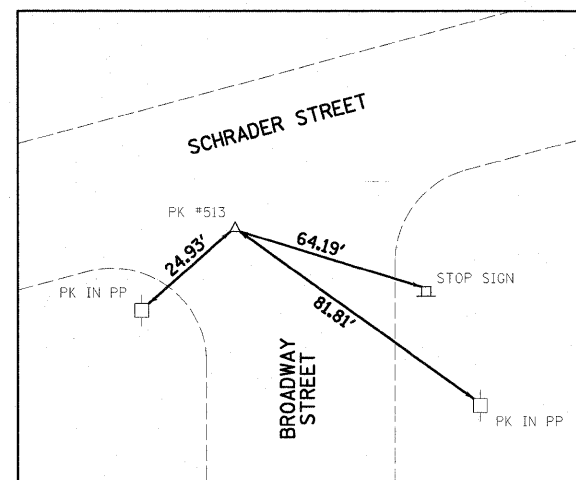
PK #510 / N 1324026.182 / E 2326104.215
 STA. 39+99.92 / 3.55' LT



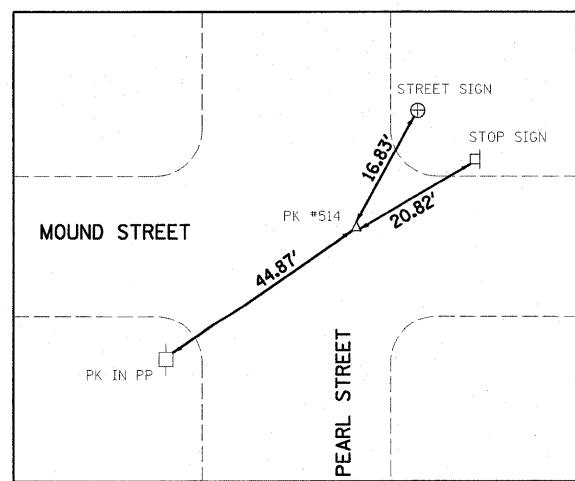
PK #511 / N 1325237.068 / E 2326079.477
 STA. 52+10.86 / 23.96' LT



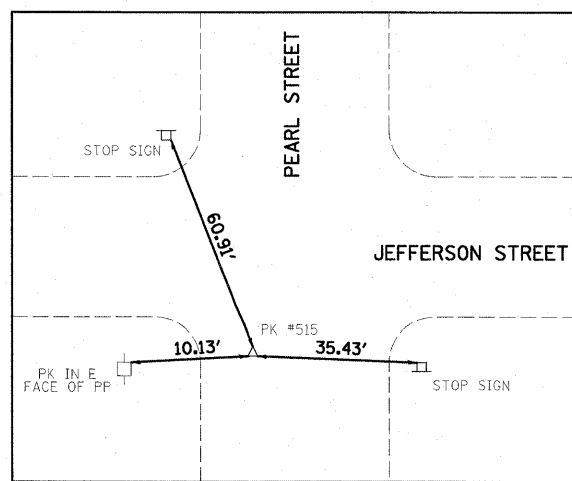
PK #512 / N 1325984.764 / E 2326096.714
 STA. 59+58.47 / 9.15' LT



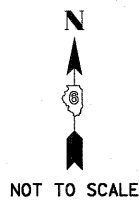
PK #513 / N 1326672.200 / E 2326092.056
 STA. 66+45.88 / 16.13' LT



PK #514 / N 1326023.402 / E 2326529.879
 STA. 59+98.56 / 423.88' RT



PK #515 / N 1323987.615 / E 2326506.772
 STA. 39+59.93 / 398.86' RT



BASELINE COORDINATES		
STATION	NORTHING	EASTING
10+00.00	1,321,026.32	2,326,093.13
23+68.21 (BK)	1,322,394.49	2,326,104.26
23+68.21 (AHD)	1,322,394.50	2,326,110.48
27+63.63	1,322,789.91	2,326,110.09
31+77.61	1,323,203.89	2,326,109.59
35+90.21	1,323,616.49	2,326,109.22
39+85.52	1,324,011.80	2,326,107.83
43+83.75	1,324,410.02	2,326,106.21
47+52.87	1,324,779.14	2,326,104.74
52+11.25	1,325,237.52	2,326,103.44
55+46.49	1,325,572.76	2,326,104.48
67+48.17	1,326,774.43	2,326,108.53

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BENCHMARKS:

1. STA 24+01.0, 34' RT
W. CAP BOLT BETWEEN "CO" AND "CHATT"
ON THE FIRE HYDRANT AT THE NE CORNER
OF WASHINGTON ST & BROADWAY ST
ELEV=488.25 (BK PEO-97/4)
2. STA 27+98.0, 39' LT
W. CAP BOLT BETWEEN "MUELLER" AND "107"
ON THE FIRE HYDRANT AT THE NW CORNER
OF ADAMS ST & BROADWAY ST
ELEV=472.21 (BK PEO-97/4)
3. STA 31+26.5, 1.8' RT
CHISELED "X" #121 IN THE CENTER OF BROADWAY ST
AT THE SOUTH EDGE OF MAIN ST
ELEV=474.66 (BK PEO-10/29)
4. STA 27+98.0, 117.8' LT
CHISELED BOX IN SE CORNER OF THE NATIONAL BANK
SIGN FOUNDATION 95' W OF THE NW CORNER OF
ADAMS ST & BROADWAY ST
ELEV=470.18 (BK PEO-97/4)
5. STA 24+08.5, 0.9' LT
PK NAIL SET IN BROADWAY ST AT THE N SIDE
OF THE INTERSECTION WITH WASHINGTON ST
ELEV=480.93 (BK PEO-97/4)
6. STA 23+68.0, 95' LT
COTTON SPINDLE SET IN NORTH FACE OF 1ST PP
W OF BROADWAY ST ON THE S SIDE OF WASHINGTON
ST ELEV=475.73 (BK PEO-97/4)
7. STA 22+03.7, 11.4' LT
COTTON SPINDLE #520 ON W SIDE OF BROADWAY
ST JUST S OF DRIVE TO HOUSE #308
ELEV=480.09 (BK PEO-97/4)
8. STA 16+90.7, 13' LT
PK NAIL #518 ON THE W SIDE OF BROADWAY ST AT
THE CENTERLINE OF RANDOLPH ST
ELEV=470.11 (BK PEO-97/4)
9. STA 17+12.6, 23.8' RT
W CAP BOLT BETWEEN "MUE" AND "LLER" ON THE
FIRE HYDRANT AT THE NE CORNER OF RANDOLPH
ST & BROADWAY ST
ELEV=473.35 (BK PEO-10/25)
10. STA 15+78.1, 17.6' LT
CHISELED "X" #507 NEAR THE SE CORNER OF THE
S MOST ENTRANCE TO THE CHURCH OF CHRIST
ELEV=469.58 (BK PEO-97/5)
11. STA 15+97.3, 53' LT
CHISELED BOX ON NW CORNER OF NE CONCRETE PATCH
JUST W OF S MOST ENTRANCE TO CHURCH OF
CHRIST PARKING LOT
ELEV=469.71 (BK PEO-97/5)
12. STA 13+43.5, 12.3' LT
PK NAIL #517 SET IN THE W SIDE OF BROADWAY
ST NEAR THE S. SIDE OF FREEMONT ST
ELEV=474.45 (BK PEO-97/5)
13. STA 13+90.3, 29.9' RT
TOP OF FIRE HYDRANT AT THE NE CORNER OF
FREMONT ST AND BROADWAY ST
ELEV=475.24 (BK PEO-97/5)
14. STA 12+69.5, 35.6' LT
CHISELED BOX ON RETAINING WALL ON THE NE
CORNER BLOCK JUST N OF HOUSE #510
ELEV=480.77 (BK PEO-97/5)
15. STA 9+76.7, 19.9' RT
COTTON SPINDLE SET IN W FACE OF PP ON
THE SE CORNER OF DEARBORN ST &
BROADWAY ST
ELEV=487.26 (BK PEO-97/5)
16. STA 31+38.4, 57.1' LT
CHISELED BOX ON THE SE CORNER OF THE STREET LIGHT
AT THE SW CORNER OF BROADWAY ST & MAIN ST
ELEV=472.86 (BK PEO-97/6)
17. STA 32+47.4, 6.3' LT
IRON ROD #509 IN MEDIAN NEAR S END BOULEVARD
JUST N OF MAIN ST ON BROADWAY ST
ELEV=474.17 (BK PEO-97/6)
18. STA 35+49.7, 55.3' LT
CHISELED BOX ON THE NE CORNER OF THE STREET LIGHT
AT THE SW CORNER OF BROADWAY ST & MARKET ST
ELEV=473.38 (BK PEO-97/6)
19. STA 36+06.0, 0.6' LT
PK NAIL #522 IN THE CENTER OF BROADWAY ST
ON THE N SIDE OF MARKET ST
ELEV=474.06 (BK PEO-97/6)
20. STA
SE BOLT IN FLAG POLE SE OF HOUSE #302 AT THE
NW CORNER OF BROADWAY ST & JEFFERSON ST
ELEV=467.78 (BK PEO-97/6)
21. STA 40+00.0, 3.5' LT
CHISELED "X" IN THE MIDDLE OF BROADWAY ST
ON THE N SIDE OF JEFFERSON ST
ELEV=467.79 (BK PEO-97/6)
22. STA 40+16.3, 34.3' RT
TOP OF FIRE HYDRANT AT THE NE CORNER OF
JEFFERSON ST & BROADWAY ST
ELEV=469.44 (BK PEO-97/6)
23. STA 43+68.9, 4.0' LT
PK NAIL #523 IN THE MIDDLE OF BROADWAY ST
ON THE S SIDE OF MADISON ST
ELEV=465.39 (BK PEO-97/7)
24. STA 43+64.9, 106' RT
COTTON SPINDLE IN N FACE OF 1ST PP E OF
BROADWAY ST ON S SIDE OF MADISON ST
ELEV=467.32 (BK PEO-97/7)
25. STA 47+68.0, 2.8' LT
PK NAIL #524 IN MIDDLE OF BROADWAY ST
ON THE N SIDE OF FRANKLIN ST
ELEV=464.28 (BK PEO-97/7)
26. STA 47+15.4, 34.9' RT
W CAP BOLT BETWEEN "LLER" AND "CHAT" ON
THE SE CORNER OF BROADWAY ST & FRANKLIN ST
ELEV=467.48 (BK PEO-97/7)
27. STA 47+33.0, 1299.4' RT
COTTON SPINDLE IN N FACE OF 1ST PP EAST OF
BROADWAY ST ON THE S SIDE OF FRANKLIN ST
ELEV=465.89 (BK PEO-97/7)
28. STA 52+10.9, 24.0' LT
CHISELED "X" #511 ON THE W SIDE OF BROADWAY ST
NEAR THE CENTERLINE OF TREMONT ST
ELEV=464.53 (BK PEO-97/7)
29. STA 52+30.7, 127.8' RT
COTTON SPINDLE IN S FACE OF 1ST PP EAST OF
BROADWAY ST ON THE N SIDE OF TREMONT ST
ELEV=468.03 (BK PEO-97/7)
30. STA 55+29.3, 2.7' LT
PK NAIL #525 IN THE MIDDLE OF BROADWAY ST
ON THE S SIDE OF CLARK ST
ELEV=462.17 (BK PEO-97/7)
31. STA 55+92.5, 34.8' RT
TOP OF FIRE HYDRANT ON THE NE CORNER
OF BROADWAY ST & CLARK ST
ELEV=465.35 (BK PEO-97/7)
32. STA 55+27.7, 86.7' RT
COTTON SPINDLE IN NW FACE OF 1ST PP E
OF BROADWAY ST ON THE S SIDE OF CLARK ST
ELEV=463.76 (BK PEO-97/7)
33. STA 59+58.5, 9.2' LT
PK NAIL #512 AT THE SW CORNER OF
BROADWAY ST & MOUND ST
ELEV=475.10 (BK PEO-97/7)
34. STA 59+96.6, 38.3' RT
TOP OF FIRE HYDRANT ON THE NE CORNER OF
BROADWAY ST & MOUND ST
ELEV=476.22 (BK PEO-97/8)
35. STA 59+58.2, 127.8' RT
COTTON SPINDLE IN NW FACE OF 2ND PP E
OF BROADWAY ST ON THE S SIDE OF MOUND ST
ELEV=471.45 (BK PEO-97/8)
36. STA 62+90.3, 9.7' RT
PK NAIL #526 ON THE E SIDE OF BROADWAY ST
IN FRONT OF HOUSE #825
ELEV=468.61 (BK PEO-97/8)
37. STA 66+31.4, 37.0' LT
COTTON SPINDLE ON SE FACE OF PP ON SW
CORNER OF BROADWAY ST & SCHRADER ST
ELEV=472.32 (BK PEO-97/8)
38. STA 66+45.9, 16.1' LT
PK NAIL #513 ON THE SW CORNER OF
SCHRADER ST AND BROADWAY ST
ELEV=469.35 (BK PEO-97/8)

UTILITY CONTACTS	
AMEREN CIPS MR. JOHN BOZARTH 1900 W. LAFAYETTE AVE. JACKSONVILLE, IL 62650 (217) 479-5233 (OFFICE) (217) 257-6276 (CELL)	GAS
AMEREN CIPS MR. GORDON TINGLEY 700 JERSEY STREET P.O. BOX 1089 QUINCY, IL 62306 (217) 221-0806	ELECTRIC
CASS COUNTY TELEPHONE AND CABLE MR. GARY LOWE 100 REDBUD ROAD VIRGINIA, IL 62691 (217) 370-1689	CABLE
CENTURY TELEPHONE MR. BRAD STOCKHAM 200 ENTERPRISE DR. PEKIN, IL 61554 (309) 447-0363	TELEPHONE
CITY OF HAVANA WATER DEPARTMENT MR. JEWEL BUCY 107 N. HIGH STREET HAVANA, IL 62644 (309) 543-1108	WATER

LEGEND

EXISTING

- IRON ROD
- BENCHMARK
- "x" IN CONCRETE
- MAILBOX
- SIGN
- TREE/BUSH
- EVERGREEN TREE
- STREET LIGHT
- POWER POLE
- POWER POLE W/ STREET LIGHT
- DOWN GUY
- ELECTRIC BOX
- TRAFFIC SIGNAL COMBINATION MASTARM
- TRAFFIC SIGNAL
- TRAFFIC HANDHOLE
- WOOD POST
- HANDHOLE
- UNDERGROUND ELECTRIC BOX
- UNDERGROUND TELEPHONE BOX
- FIRE HYDRANT
- WATER SHUTOFF VALVE
- WATER VALVE
- GAS VALVE
- SEWER CLEANOUT
- CATCH BASIN
- INLET
- MANHOLE
- FLARED END SECTION
- CENTERLINE
- - - PROPERTY LINE
- - - CONTOUR
- - - FENCE
- BUILDING
- SANITARY SEWER
- STORM SEWER
- WATER MAIN
- OVERHEAD ELECTRIC
- GAS MAIN
- UNDERGROUND TELEPHONE

PROPOSED

- ✕ TREE TO BE REMOVED
- BRICK PAVEMENT
AND REPLACEMENT
- PCC DRIVEWAY PAVEMENT
- (PE=6") OR (CE=8")
- PCC SIDEWALK - 4"
- PCC SIDEWALK - 8"
- COMB. CONCRETE CURB & GUTTER TYPE B6.12
- MANHOLE TYPE A
- STORM SEWER
- CURB INLET OR MANHOLE
- PAVEMENT PATCH
- HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
- STEAMER FIRE HYDRANT
- ◀ WATER GATE VALVE
- W WATERMAIN
- ||| CURB AND GUTTER REMOVAL
- A MANHOLE TO BE ADJUSTED
- A VALVE BOX TO BE ADJUSTED

PLAN NOTES

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE TAKEN TO MEAN THE LATEST EDITION OF THE CITED STANDARD.
2. THE TELEPHONE NUMBER FOR JOINT UTILITY LOCATING INFORMATION FOR CONTRACTORS IS 1-800-892-0123.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITY FACILITIES. HE OR SHE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
4. THE CONTRACTOR SHALL CONTACT MR. BRAD STOCKHAM AT CENTURY TELEPHONE AT (309) 447-0363 FORTY-EIGHT (48) HOURS IN ADVANCE OF PERFORMING ANY WORK IN THE VICINITY OF UNDERGROUND TELEPHONE FACILITIES.
5. ALL UTILITY POLES REQUIRING RELOCATION SHALL BE MOVED BY OTHERS UNLESS OTHERWISE SHOWN. THE POLES SHALL BE A MIN. 2' FROM FACE OF CURB AND A MIN. 3' FROM SIDEWALK.
6. PROVIDE SIDEWALK RAMPS FOR THE DISABLED WHERE THERE ARE BOTH PROPOSED SIDEWALK AND PROPOSED CURB. SEE STATE STANDARD NO. 424001, SPECIAL PROVISIONS AND QUANTITY SCHEDULES.
7. TREES OR BUSHES SHALL BE SAVED WHERE POSSIBLE. THE CONTRACTOR SHALL MEET WITH THE CITY AND RESIDENT ENGINEER PRIOR TO ANY TREE OR BUSH TRIMMING OR REMOVAL OPERATIONS.
8. DEPRESSED CURB AND GUTTER SHALL BE PROVIDED AT ALL DRIVEWAYS AND SIDEWALK RAMPS FOR THE DISABLED. SEE STATE STANDARD NO. 424001 AND SPECIAL PROVISIONS AND SCHEDULE OF QUANTITIES FOR DETECTABLE WARNING LOCATIONS.
9. WHERE SECTION OR SUBSECTION STONES ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH STONES ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR REFERENCED THEIR LOCATION.

- P845.00 PAVEMENT ELEVATION
- TC845.00 TOP OF CURB ELEVATION
- TBF TRENCH BACKFILL
- T.C. TOP OF CURB
- PGL PROFILE GRADE LINE
- TBR TO BE REMOVED
- T.L. TOP OF LID
- F.L. FLOW LINE
- T.G. TOP OF GRATE
- T RIM TOP OF RIM
- SS STORM SEWER
- TY TYPE
- MH MANHOLE
- FR FRAME
- OLID OPEN LID
- CLID CLOSED LID
- INL INLET
- GR GRATE
- CL CLASS
- CY CUBIC YARD
- BL BASELINE
- NBPGL NORTHBOUND PROFILE GRADE LINE
- SBPGL SOUTHBOUND PROFILE GRADE LINE

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 PL/2006/080175.00 Havana Broadway.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

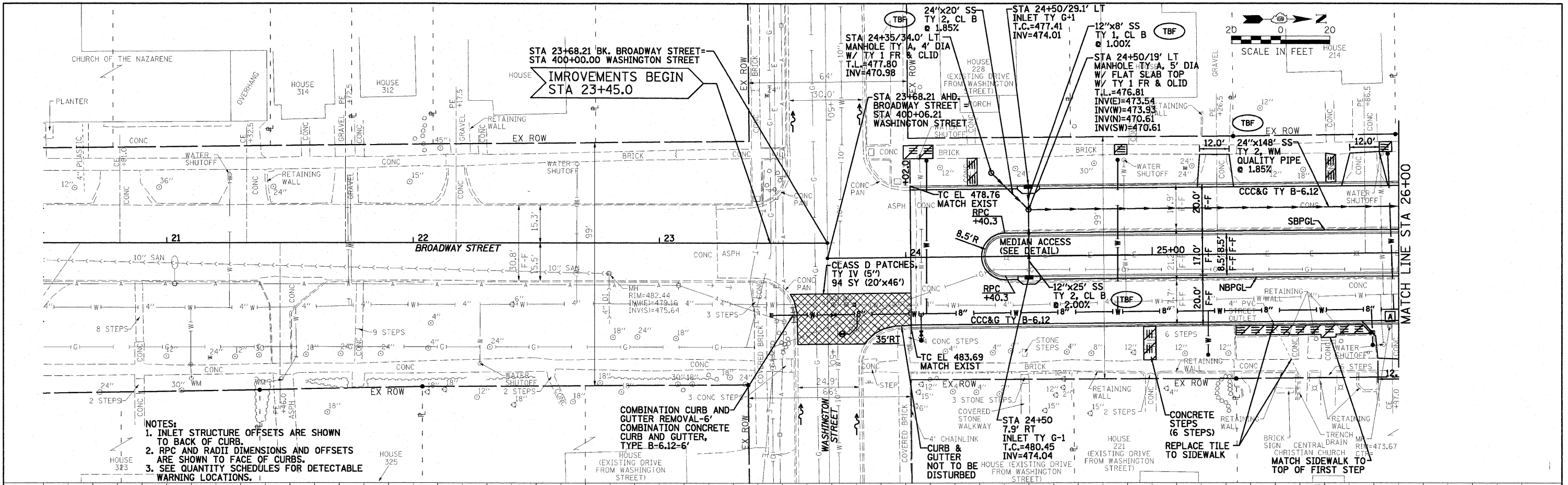
CITY OF HAVANA - BROADWAY STREET
BENCHMARKS, LEGEND AND PLAN NOTES

SCALE: N.T.S. SHEET NO. OF SHEETS STA. 10+37 TO STA. 55+75

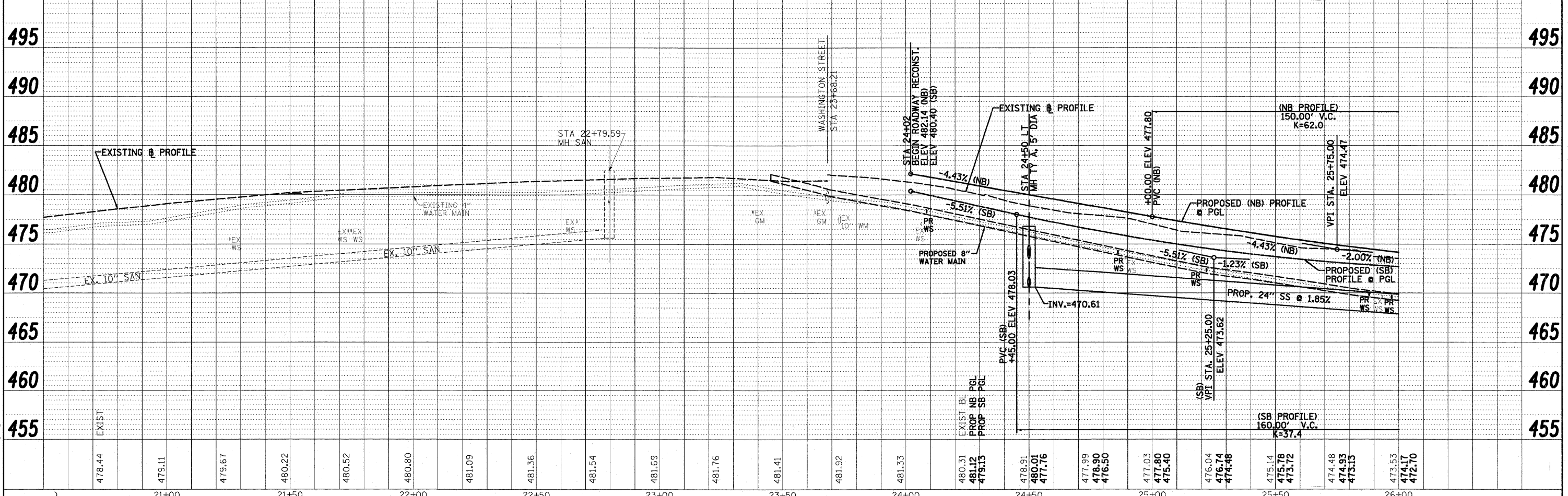
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	05-00035-00-SS	MASON	36	10
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	NO. OF DAYS	
	FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	NOTED	
	STRUCTURE NOTATIONS	
	NO.	



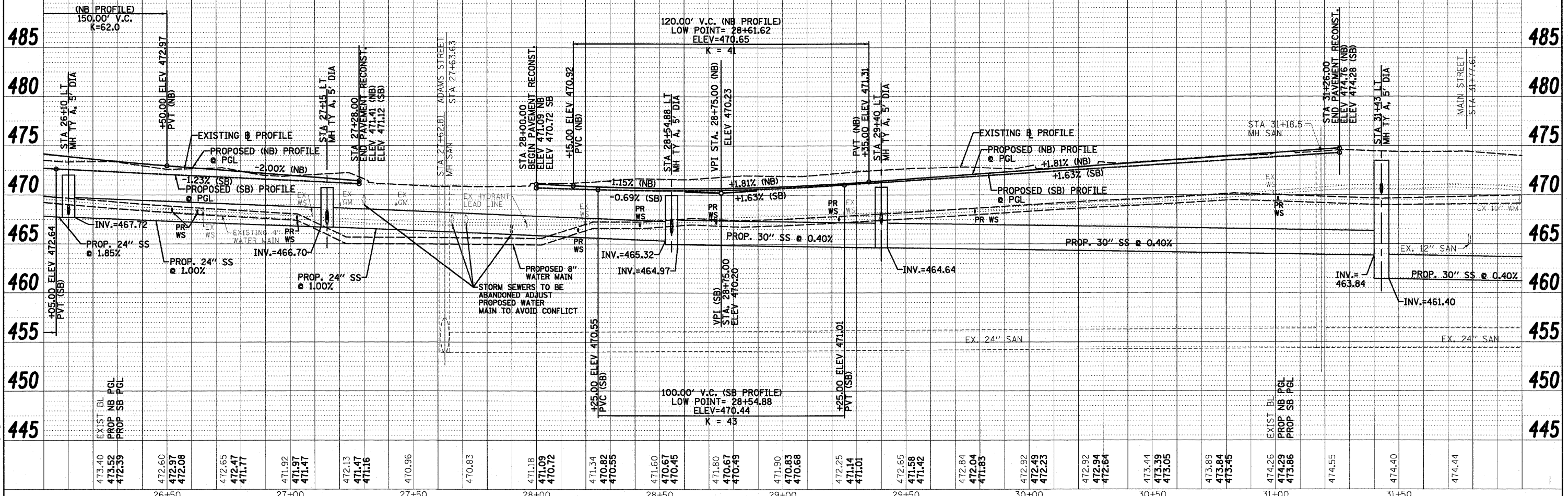
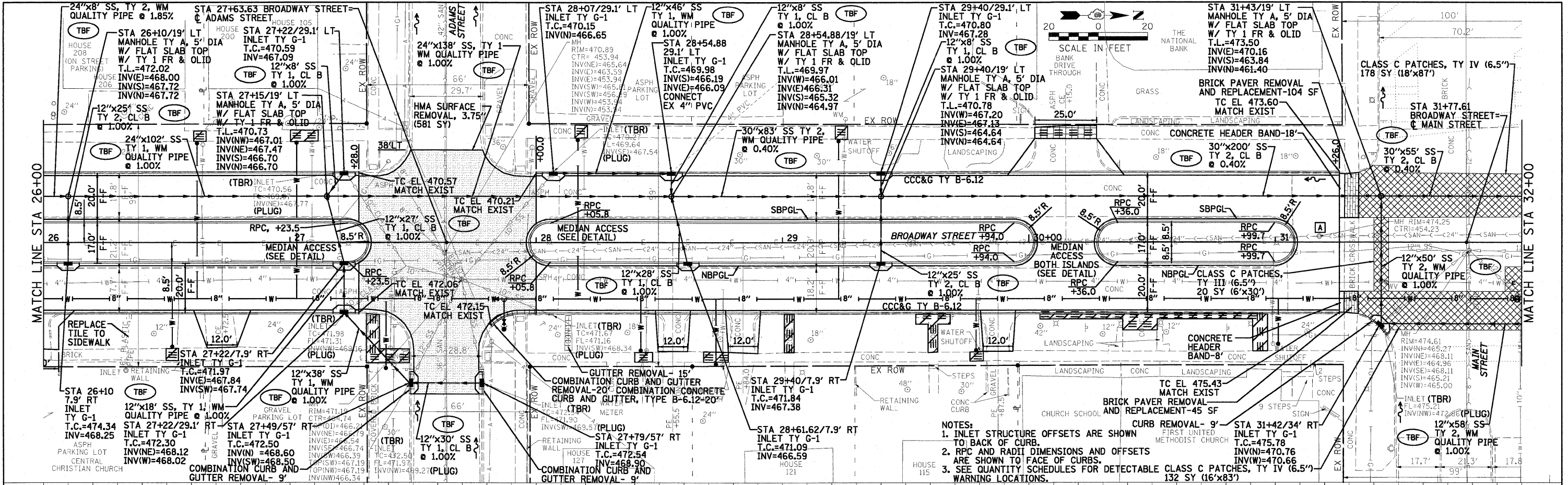
- NOTES:
1. INLET STRUCTURE OFFSETS ARE SHOWN TO BACK OF CURB.
 2. RPC AND RADII DIMENSIONS AND OFFSETS ARE SHOWN TO FACE OF CURBS.
 3. SEE QUANTITY SCHEDULES FOR DETECTABLE WARNING LOCATIONS.



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		DATE - 03/09/10	REVISED -										

DATE	
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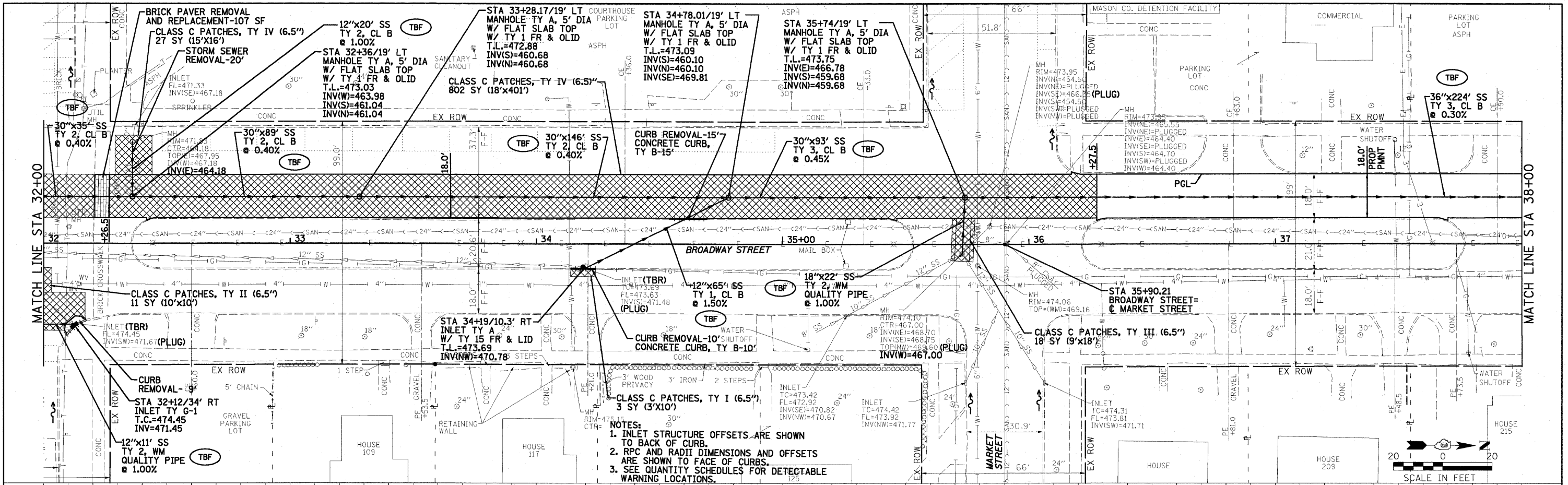


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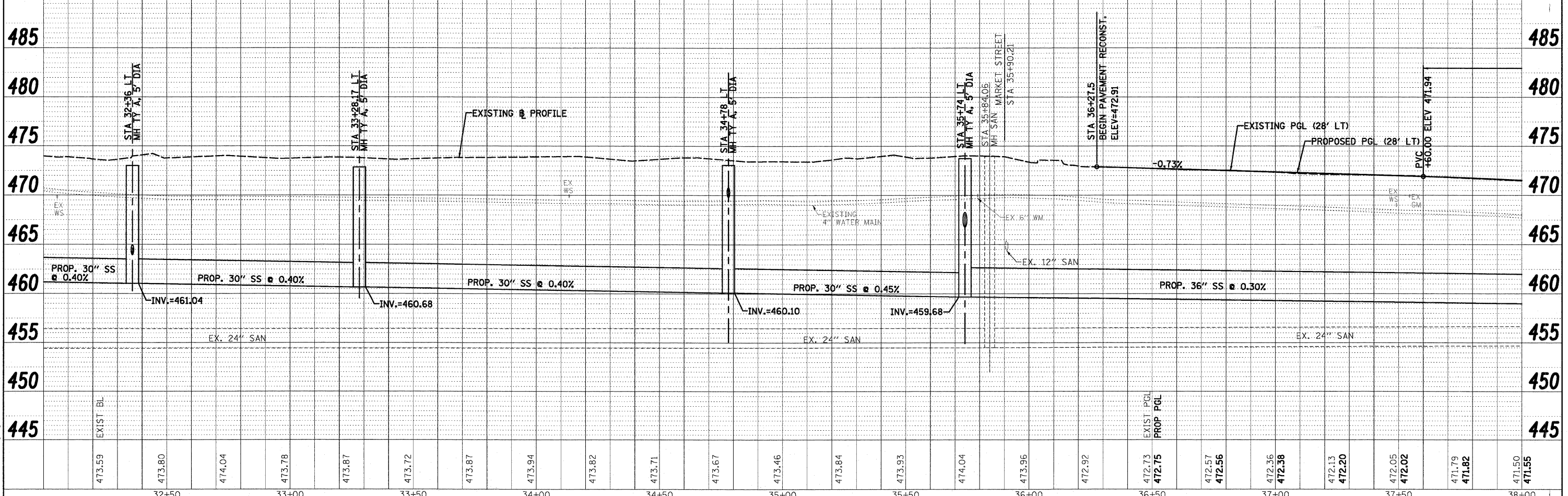
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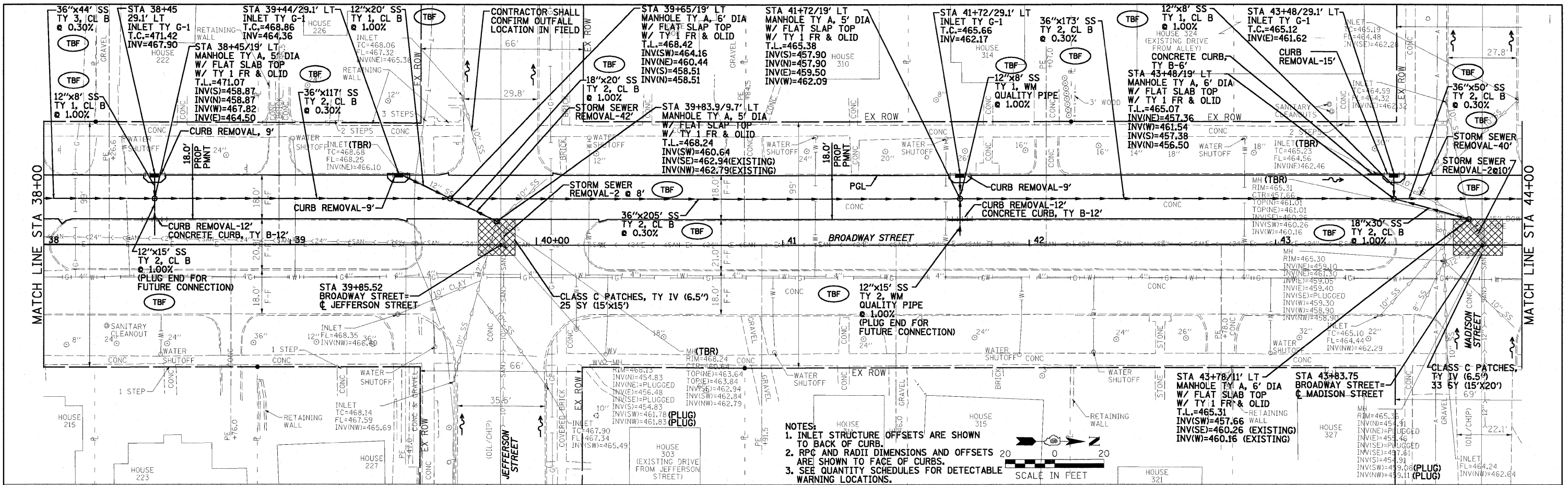
- NOTES:
 1. INLET STRUCTURE OFFSETS ARE SHOWN TO BACK OF CURB.
 2. RPC AND RADI DIMENSIONS AND OFFSETS ARE SHOWN TO FACE OF CURBS.
 3. SEE QUANTITY SCHEDULES FOR DETECTABLE WARNING LOCATIONS.



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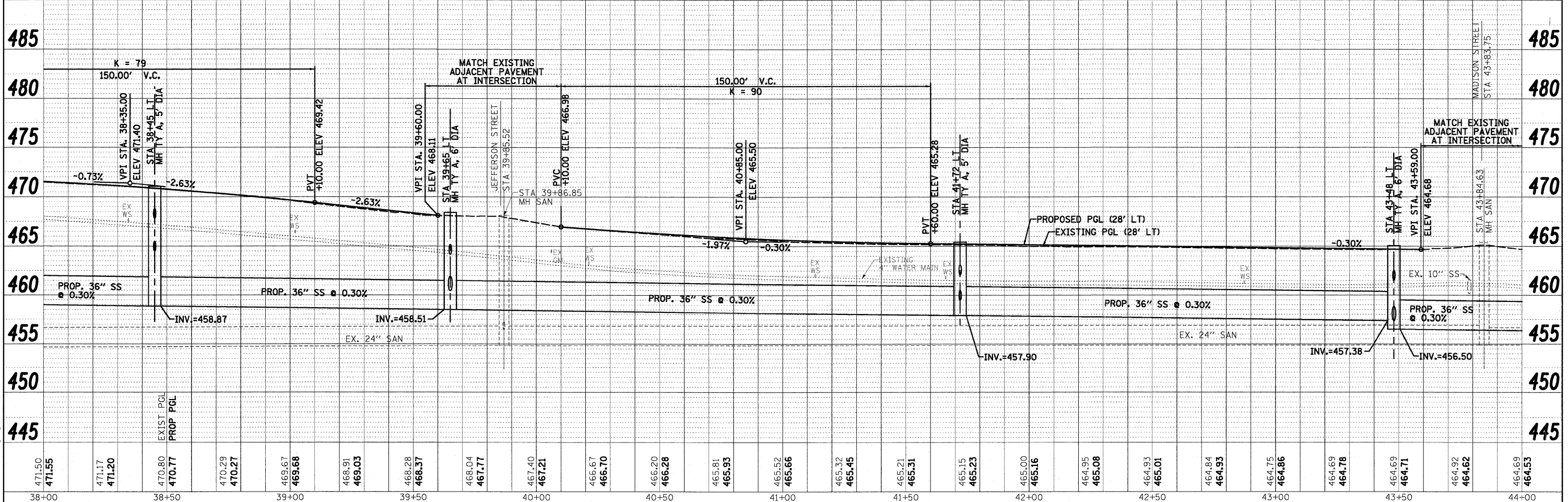
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 BY: _____
 SURVEYED _____
 PLAN _____
 NOTE BOOK _____
 NO. _____

DATE: _____
 BY: _____
 SURVEYED _____
 PROFILE _____
 NOTE BOOK _____
 NO. _____



NOTES:
 1. INLET STRUCTURE OFFSETS ARE SHOWN TO BACK OF CURB.
 2. R/C AND RADI DIMENSIONS AND OFFSETS ARE SHOWN TO FACE OF CURBS.
 3. SEE QUANTITY SCHEDULES FOR DETECTABLE WARNING LOCATIONS.

SCALE IN FEET



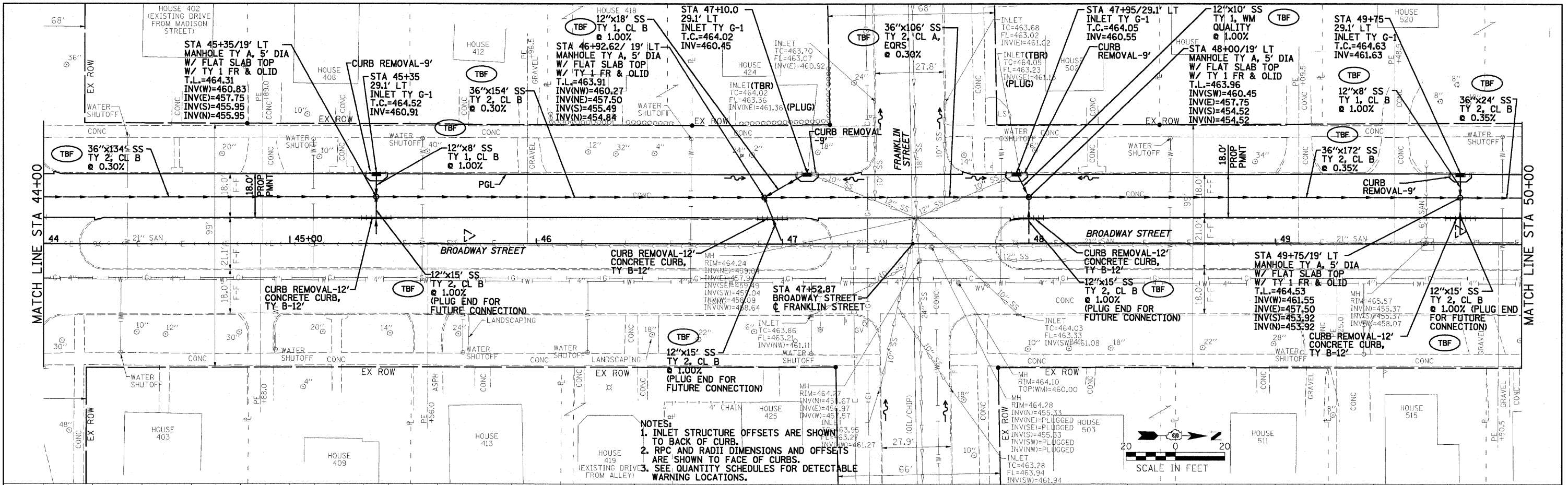
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DATE = 03/09/10	DATE =	REVISED -	CONTRACT NO. 93502							

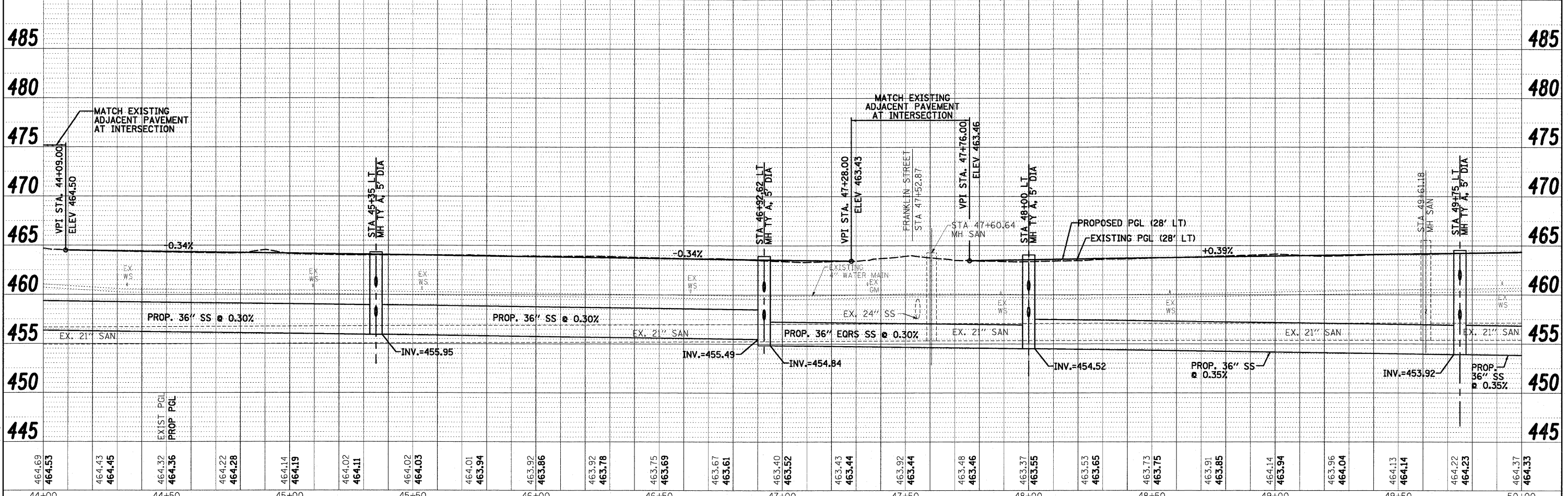
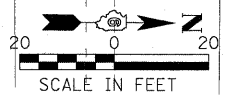
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PLCT DATE	11:23:46 AM



NOTES:
1. INLET STRUCTURE OFFSETS ARE SHOWN TO BACK OF CURB.
2. RPC AND RADII DIMENSIONS AND OFFSETS ARE SHOWN TO FACE OF CURBS.
3. SEE QUANTITY SCHEDULES FOR DETECTABLE WARNING LOCATIONS.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET
PLAN & PROFILE

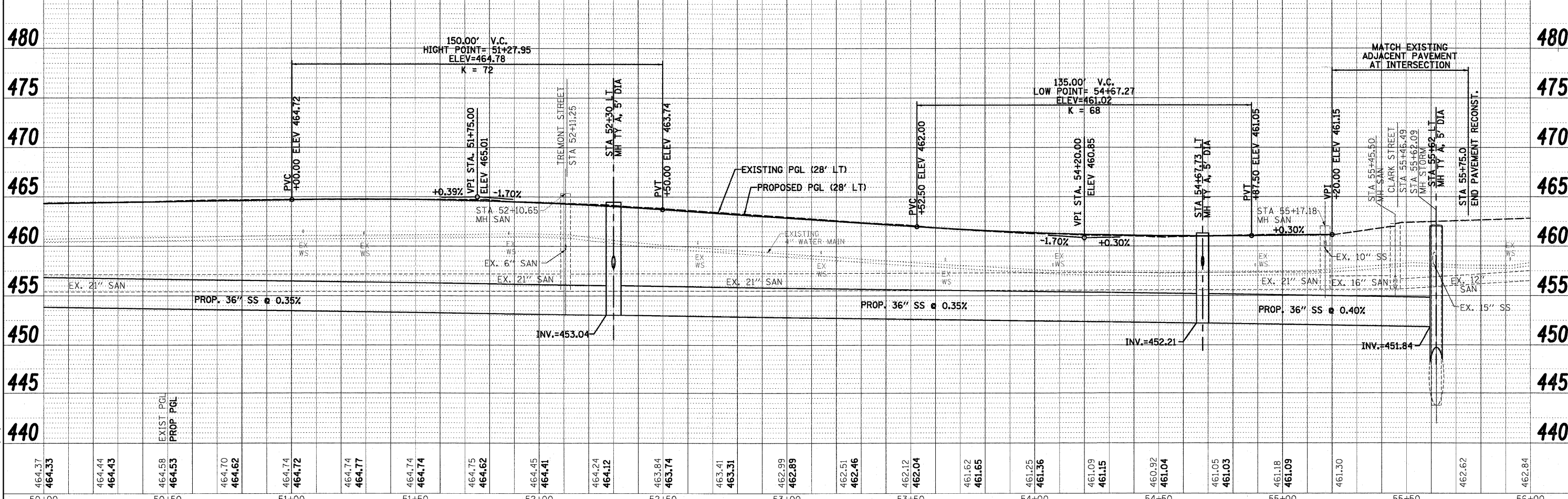
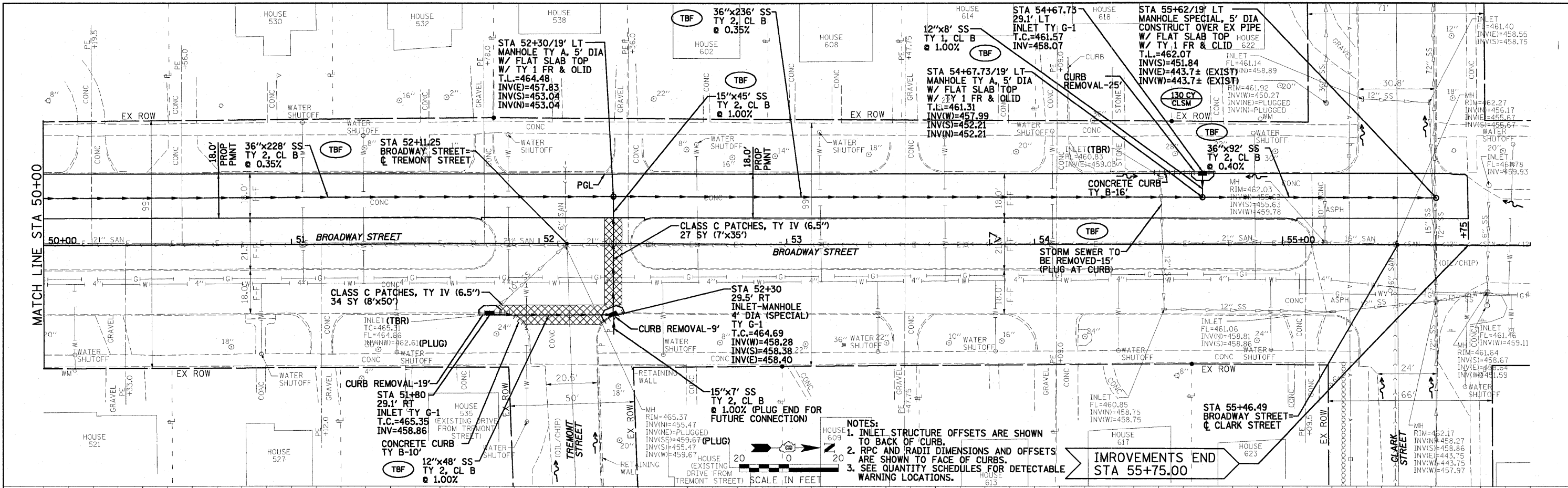
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CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 44+00 TO STA. 50+00

Farnsworth GROUP 7707 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614 (309)689-9888 / (309)689-9820 FAX www.f-w.com

DATE	
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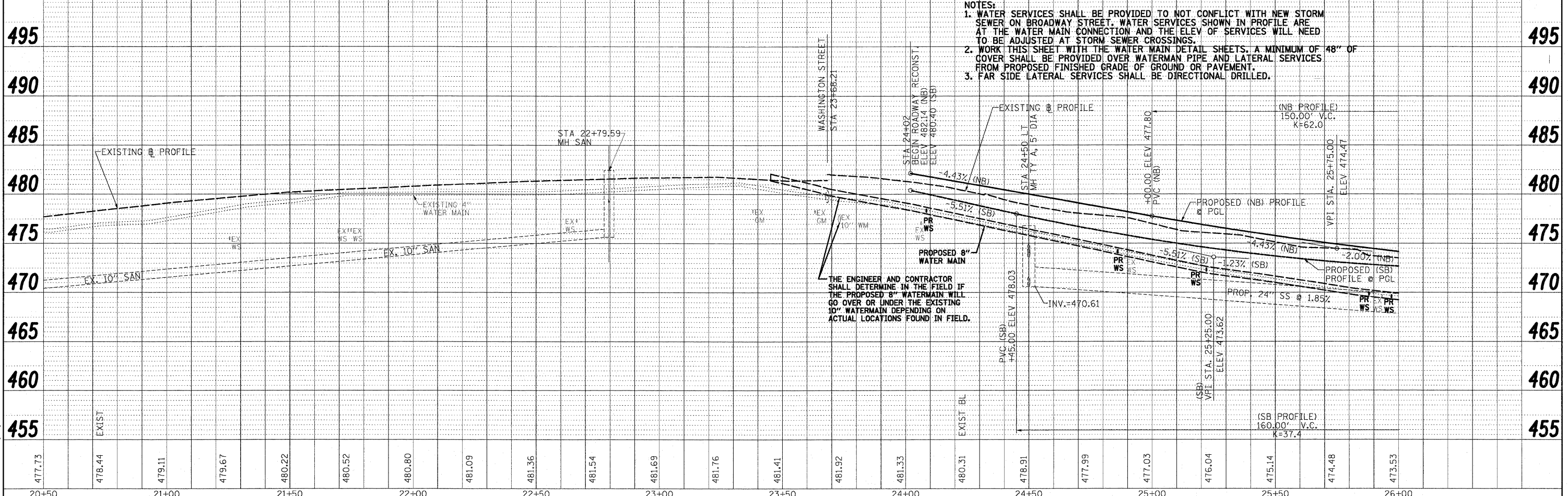
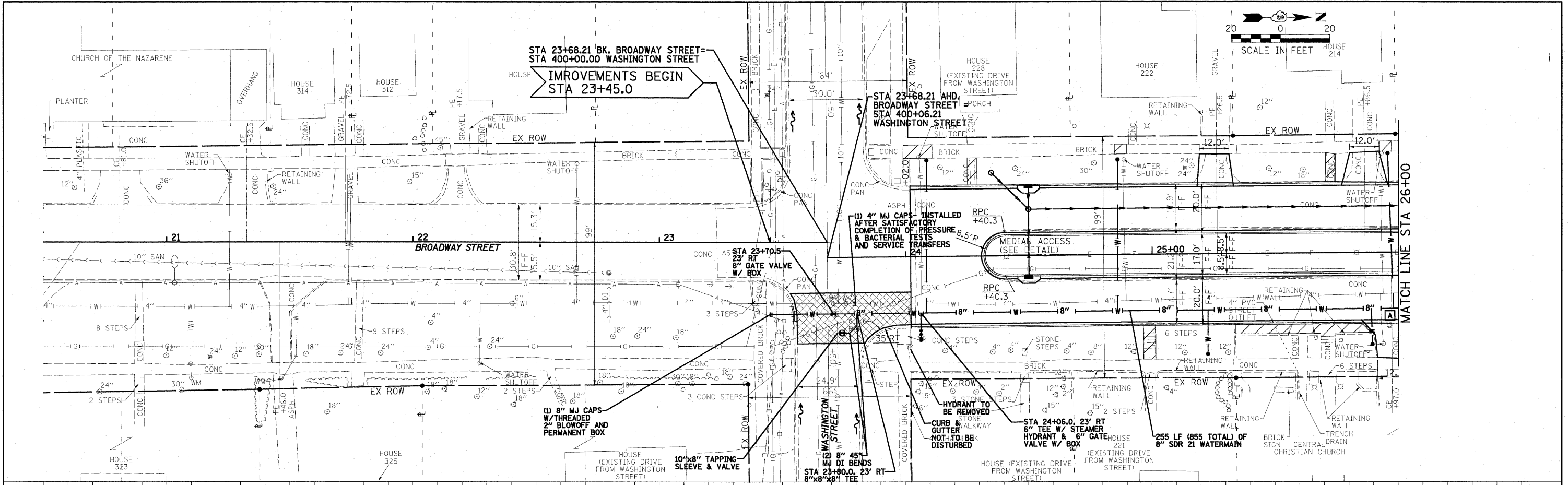


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DATE	BY
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NO.	NO.
NO.	NO.

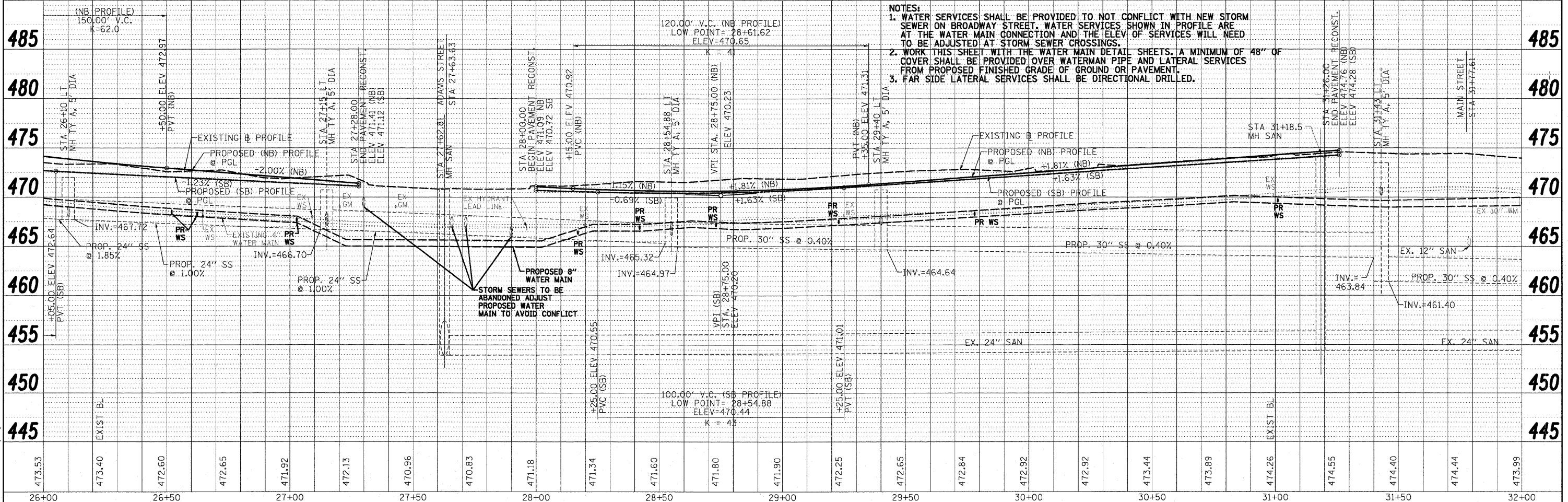
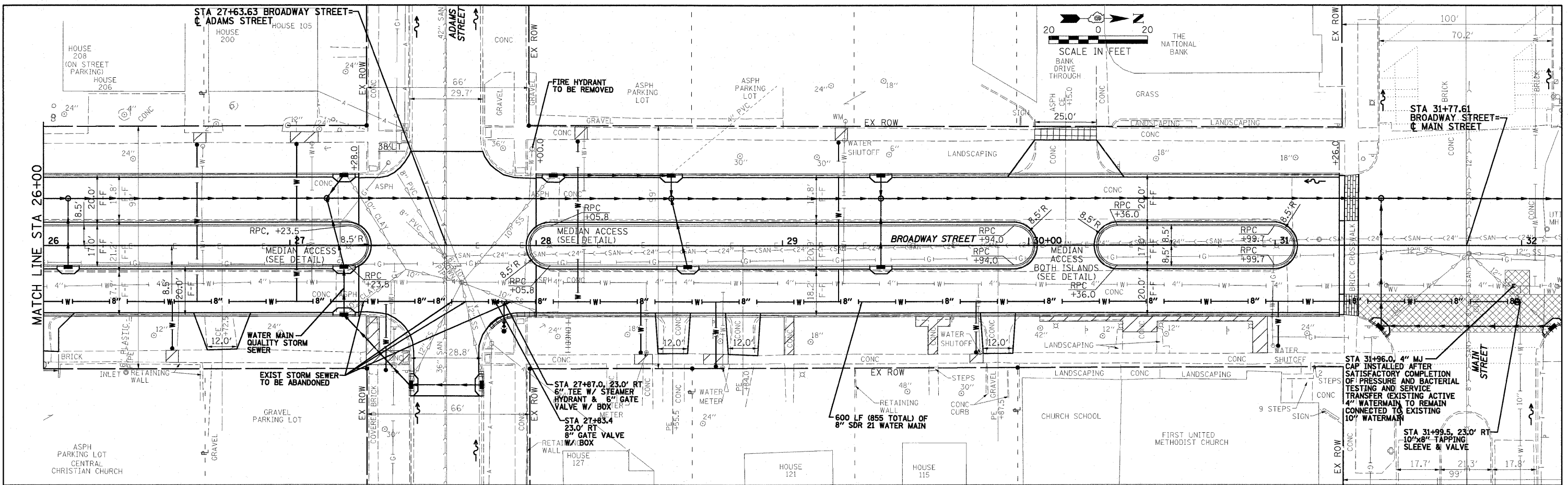
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NO.	NO.



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			SCALE: 1" = 20'			SHEET NO. OF SHEETS	STA. 20+50 TO STA. 26+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

PLAN	BY	DATE
SURVEYED		
DESIGNED		
CHECKED		
APPROVED		
DATE		

PROFILE	BY	DATE
SURVEYED		
DESIGNED		
CHECKED		
APPROVED		
DATE		



NOTES:
 1. WATER SERVICES SHALL BE PROVIDED TO NOT CONFLICT WITH NEW STORM SEWER ON BROADWAY STREET. WATER SERVICES SHOWN IN PROFILE ARE AT THE WATER MAIN CONNECTION AND THE ELEV. OF SERVICES WILL NEED TO BE ADJUSTED AT STORM SEWER CROSSINGS.
 2. WORK THIS SHEET WITH THE WATER MAIN DETAIL SHEETS. A MINIMUM OF 48" OF COVER SHALL BE PROVIDED OVER WATERMAIN PIPE AND LATERAL SERVICES FROM PROPOSED FINISHED GRADE OF GROUND OR PAVEMENT.
 3. FAR SIDE LATERAL SERVICES SHALL BE DIRECTIONAL DRILLED.

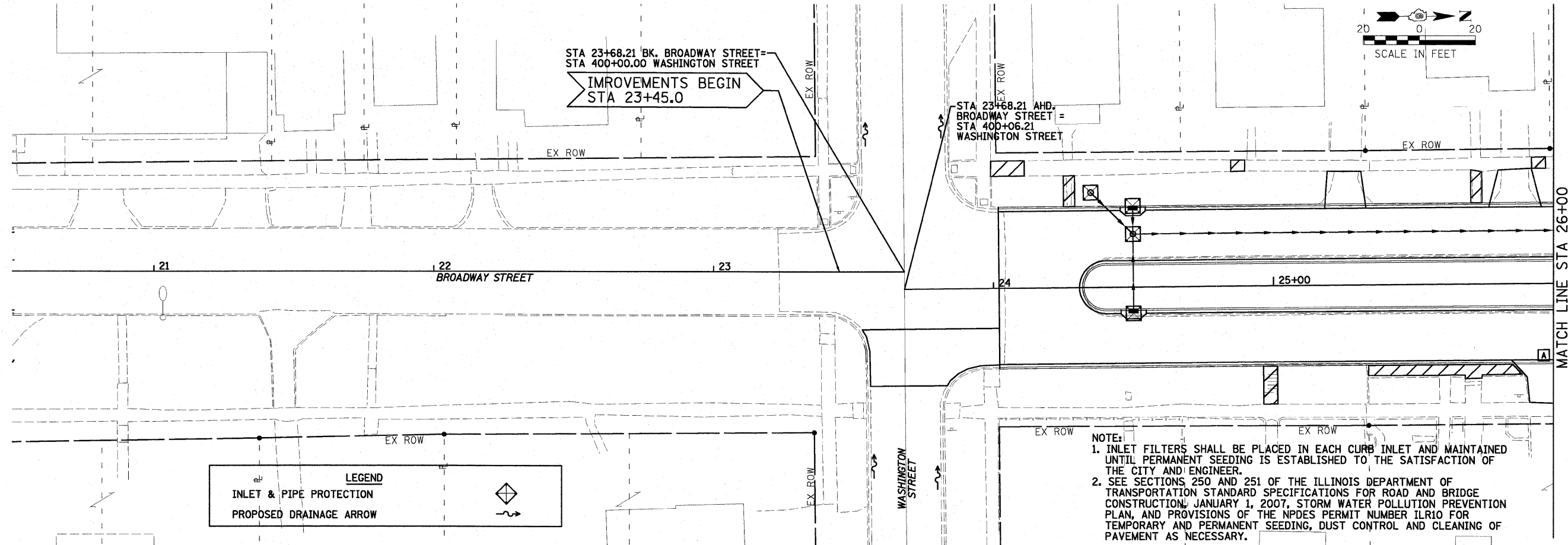
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		DATE - 03/09/10	REVISED -								



STA 23+68.21 BK. BROADWAY STREET =
STA 400+00.00 WASHINGTON STREET
IMPROVEMENTS BEGIN
STA 23+45.0

STA 23+68.21 AHD.
BROADWAY STREET =
STA 400+06.21
WASHINGTON STREET



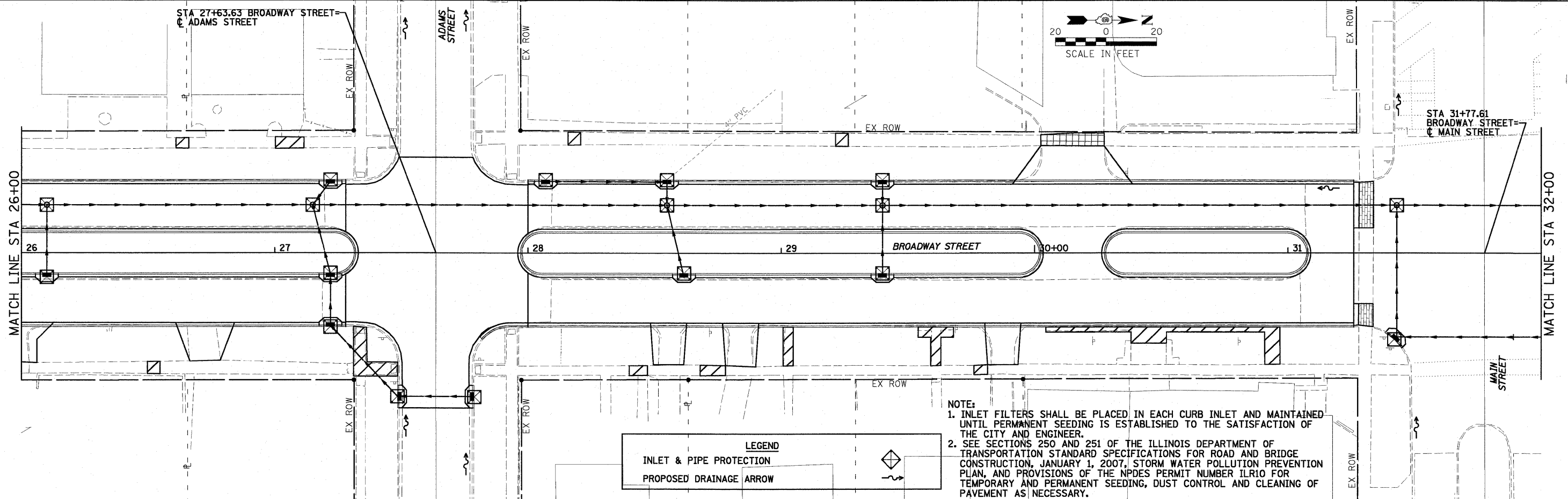
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INLET & PIPE PROTECTION
PROPOSED DRAINAGE ARROW

NOTE:
1. INLET FILTERS SHALL BE PLACED IN EACH CURB INLET AND MAINTAINED UNTIL PERMANENT SEEDING IS ESTABLISHED TO THE SATISFACTION OF THE CITY AND ENGINEER.
2. SEE SECTIONS 250 AND 251 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 1, 2007, STORM WATER POLLUTION PREVENTION PLAN, AND PROVISIONS OF THE NPDES PERMIT NUMBER ILR10 FOR TEMPORARY AND PERMANENT SEEDING, DUST CONTROL AND CLEANING OF PAVEMENT AS NECESSARY.



STA 27+63.63 BROADWAY STREET =
C ADAMS STREET

STA 31+77.61
BROADWAY STREET =
C MAIN STREET

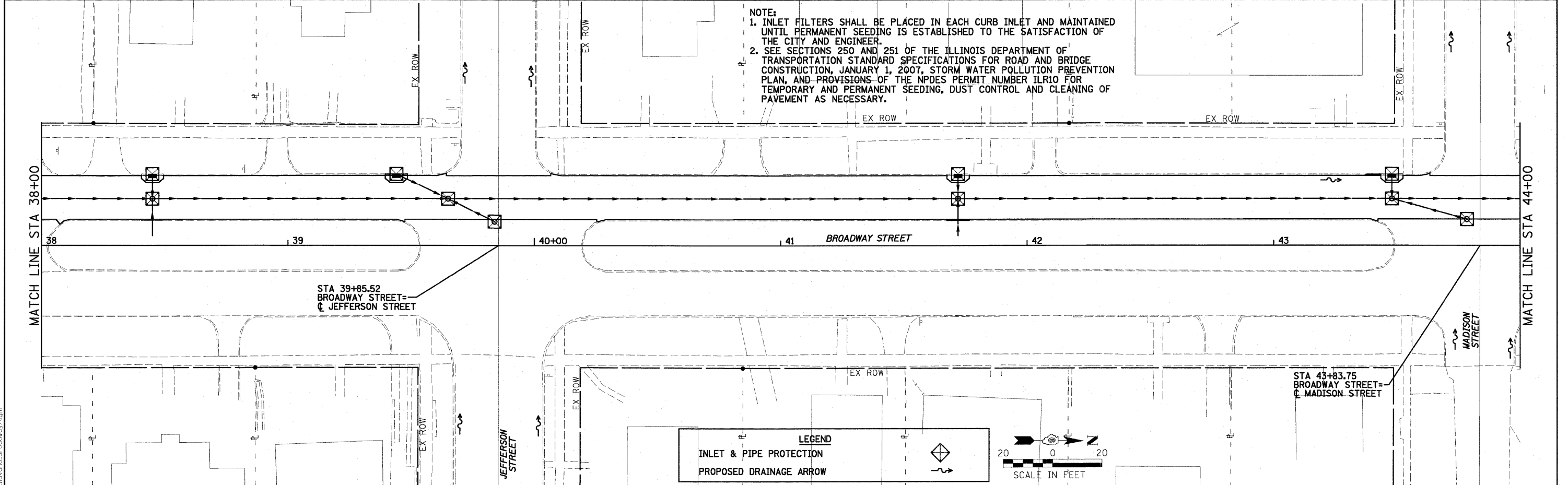
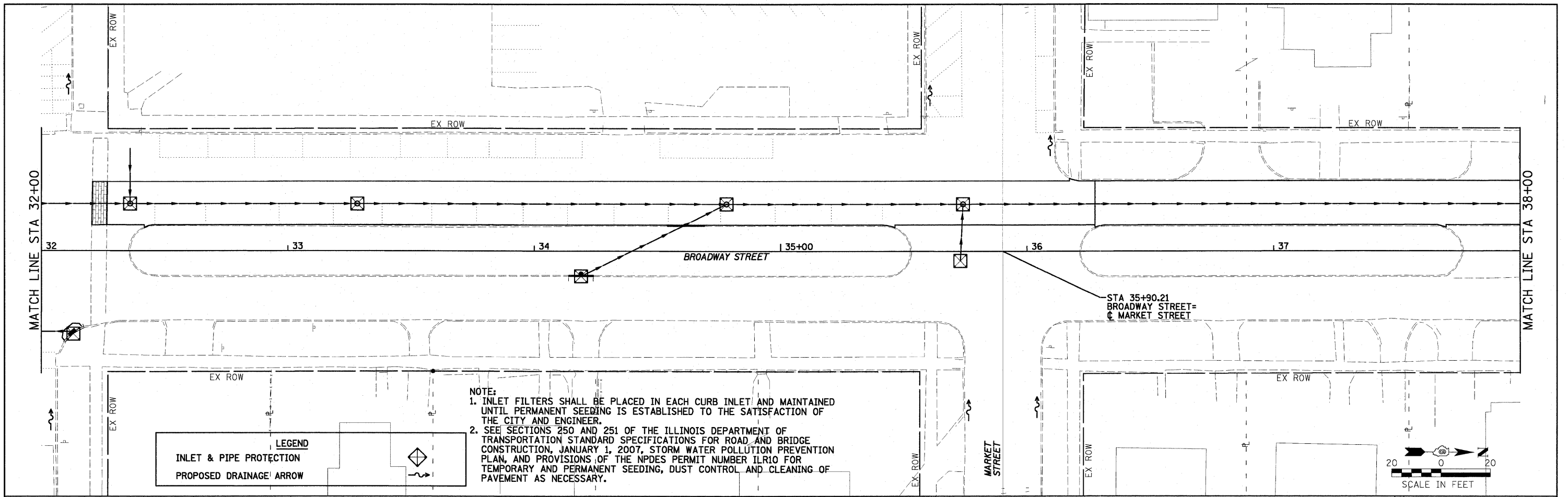


LEGEND
INLET & PIPE PROTECTION
PROPOSED DRAINAGE ARROW

NOTE:
1. INLET FILTERS SHALL BE PLACED IN EACH CURB INLET AND MAINTAINED UNTIL PERMANENT SEEDING IS ESTABLISHED TO THE SATISFACTION OF THE CITY AND ENGINEER.
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DATE - 03/09/10	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				
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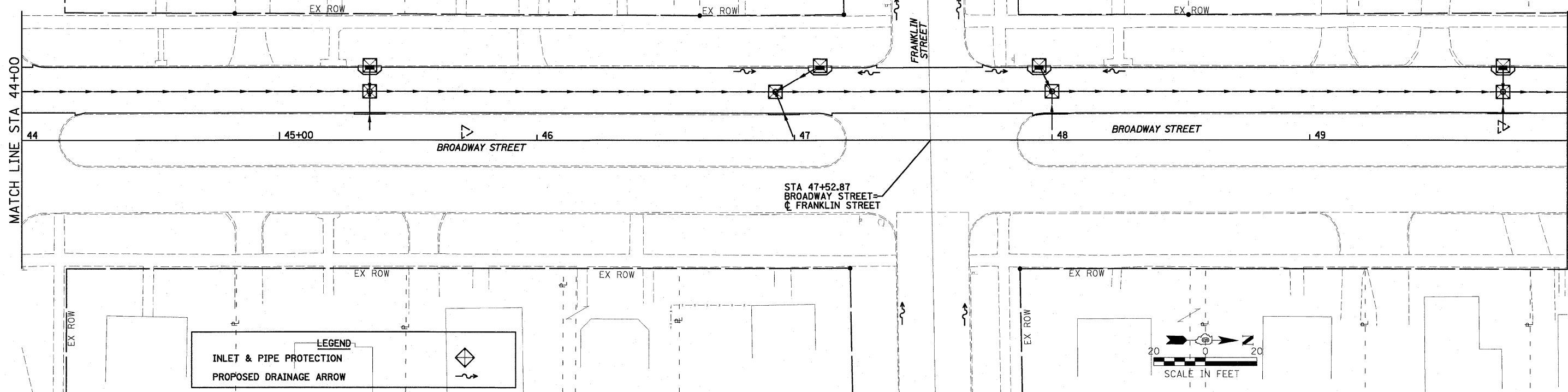
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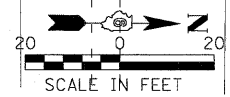
NOTE:
 1. INLET FILTERS SHALL BE PLACED IN EACH CURB INLET AND MAINTAINED UNTIL PERMANENT SEEDING IS ESTABLISHED TO THE SATISFACTION OF THE CITY AND ENGINEER.
 2. SEE SECTIONS 250 AND 251 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 1, 2007, STORM WATER POLLUTION PREVENTION PLAN, AND PROVISIONS OF THE NPDES PERMIT NUMBER ILR10 FOR TEMPORARY AND PERMANENT SEEDING, DUST CONTROL AND CLEANING OF PAVEMENT AS NECESSARY.

MATCH LINE STA 44+00

MATCH LINE STA 50+00

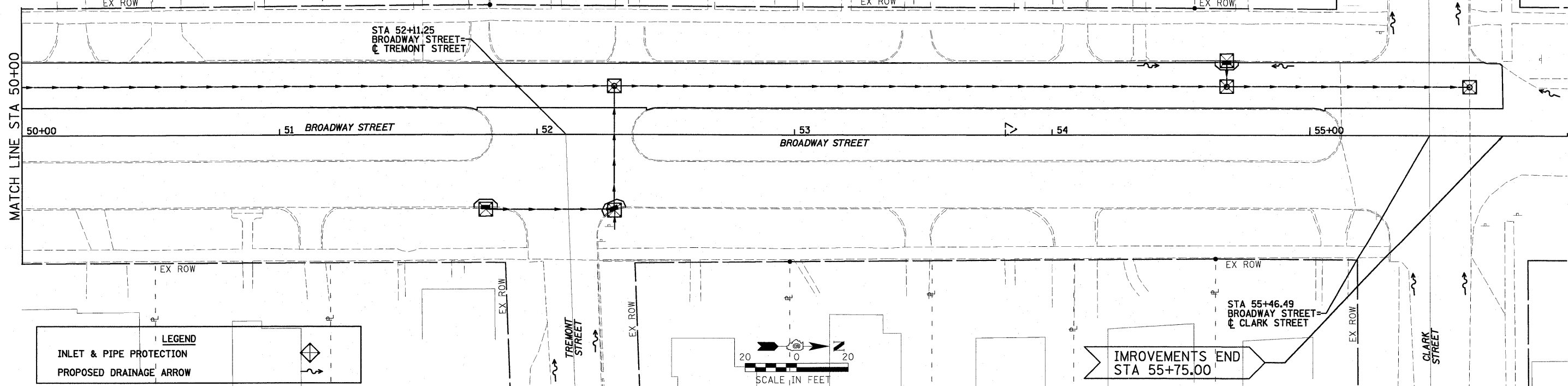


LEGEND
 INLET & PIPE PROTECTION
 PROPOSED DRAINAGE ARROW

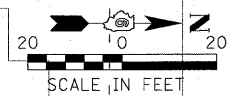


NOTE:
 1. INLET FILTERS SHALL BE PLACED IN EACH CURB INLET AND MAINTAINED UNTIL PERMANENT SEEDING IS ESTABLISHED TO THE SATISFACTION OF THE CITY AND ENGINEER.
 2. SEE SECTIONS 250 AND 251 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 1, 2007, STORM WATER POLLUTION PREVENTION PLAN, AND PROVISIONS OF THE NPDES PERMIT NUMBER ILR10 FOR TEMPORARY AND PERMANENT SEEDING, DUST CONTROL AND CLEANING OF PAVEMENT AS NECESSARY.

MATCH LINE STA 50+00



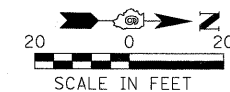
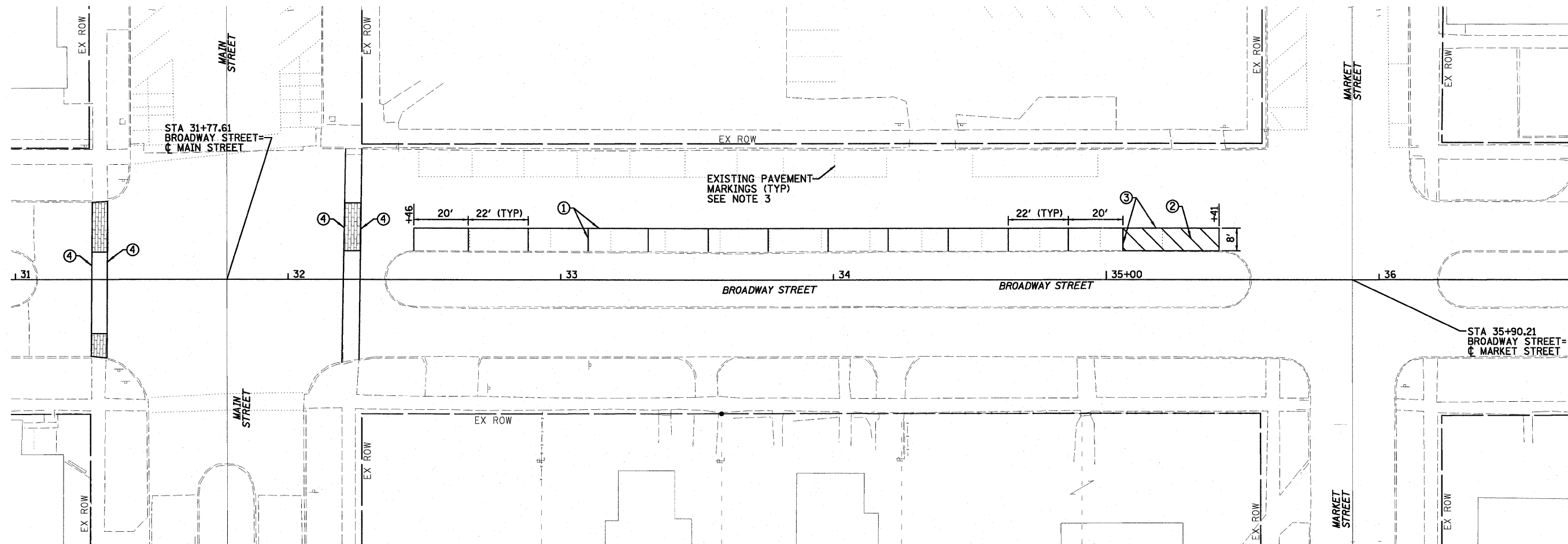
LEGEND
 INLET & PIPE PROTECTION
 PROPOSED DRAINAGE ARROW



IMPROVEMENTS END
 STA 55+75.00

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PLOT DATE = 3/9/2010 11:23:56 AM		DATE - 03/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. 44+00 TO STA. 55+75				



LEGEND

- ① EPOXY PAVEMENT MARKING LINE - 4", SOLID WHITE
- ② EPOXY PAVEMENT MARKING LINE - 12", SOLID YELLOW 45 DEGREE DIAGONAL LINES @ 6' CTS.
- ③ EPOXY PAVEMENT MARKING LINE - 4", SOLID YELLOW
- ④ EPOXY PAVEMENT MARKING LINE - 12", SOLID WHITE

NOTES:

1. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS SHALL BE REMOVED.
2. PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL OR TRANSVERSE CRACK OR JOINT. THE EDGES OF THE PAVEMENT MARKING LINES SHALL BE OFFSET A MINIMUM OF 2" FROM A LONGITUDINAL OR TRANSVERSE CRACK OR JOINT.
3. EXISTING PAVEMENT MARKINGS TO BE REMOVED AND REPLACED AS REQUIRED FOR CONSTRUCTION OF THE WORK. WORK SHALL BE DONE TO THE SATISFACTION OF THE CITY AND ENGINEER. REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT MARKINGS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE TRAFFIC CONTROL COMPLETE PAY ITEM.

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 PLT/2008/08/01/13:00 Havana Broadway.dgn

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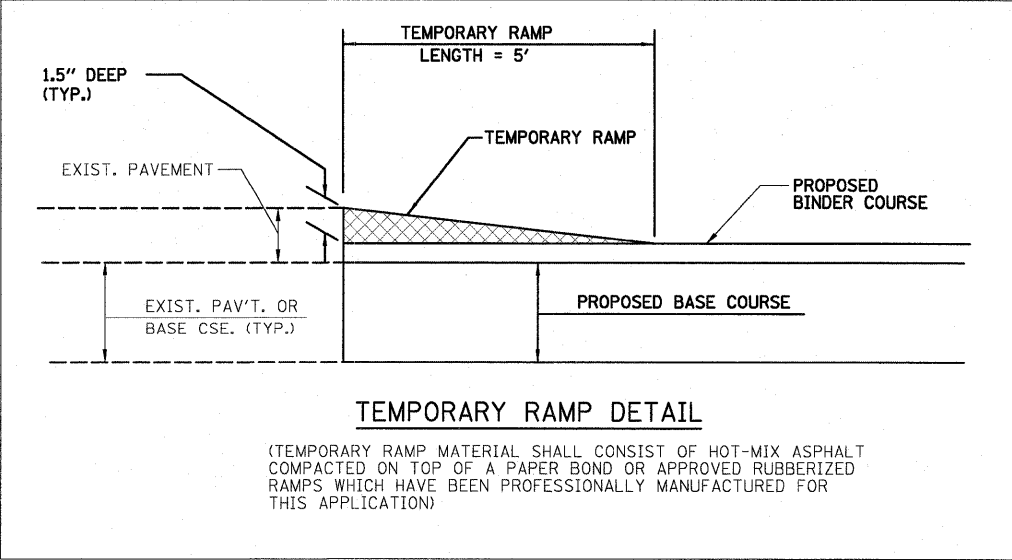
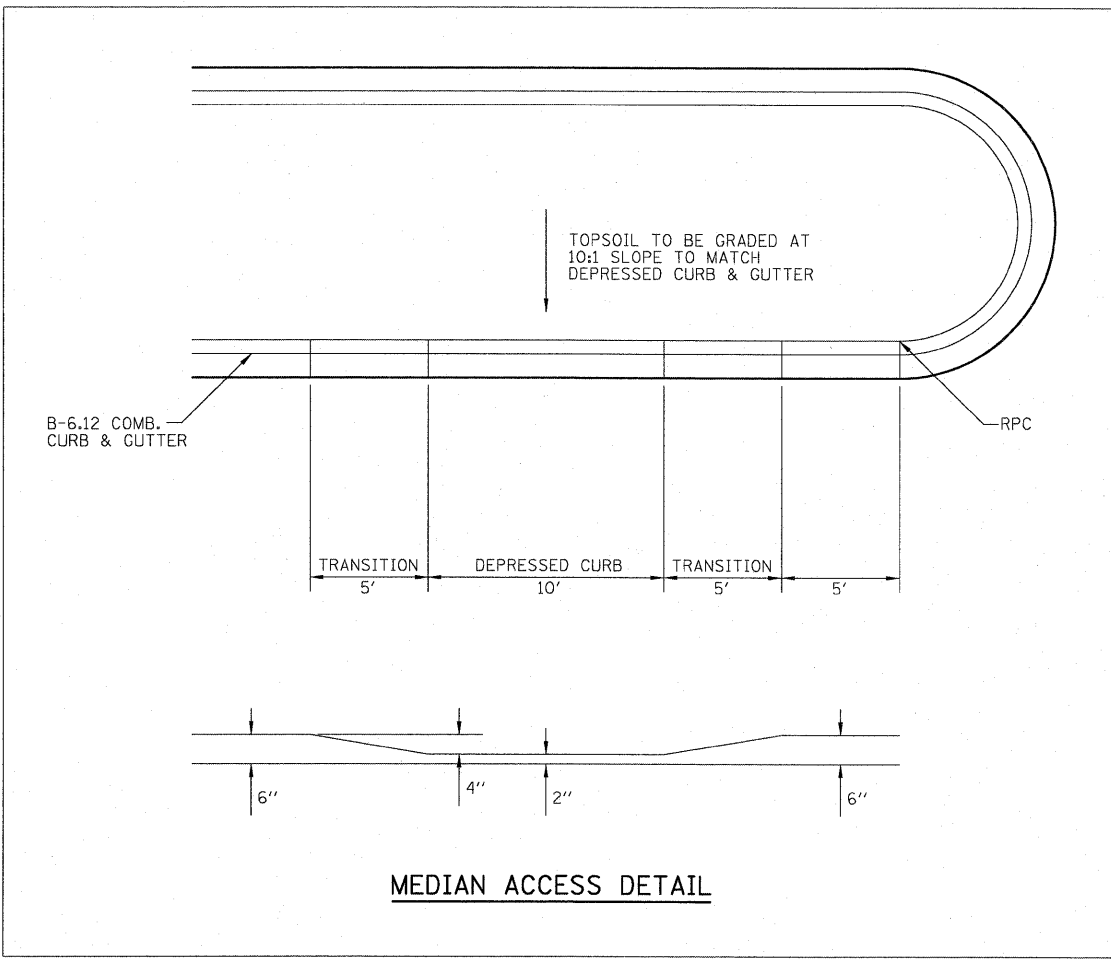
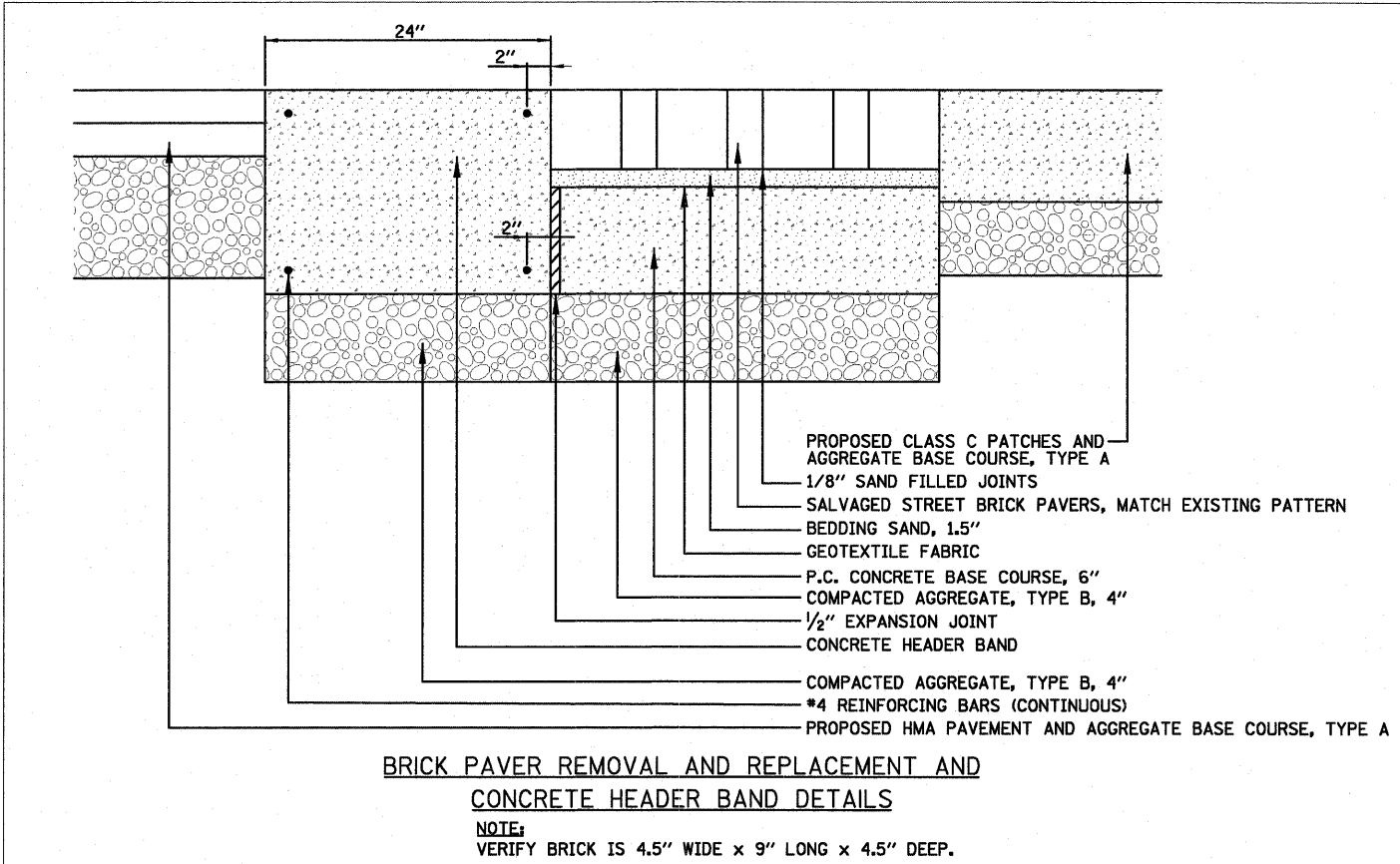
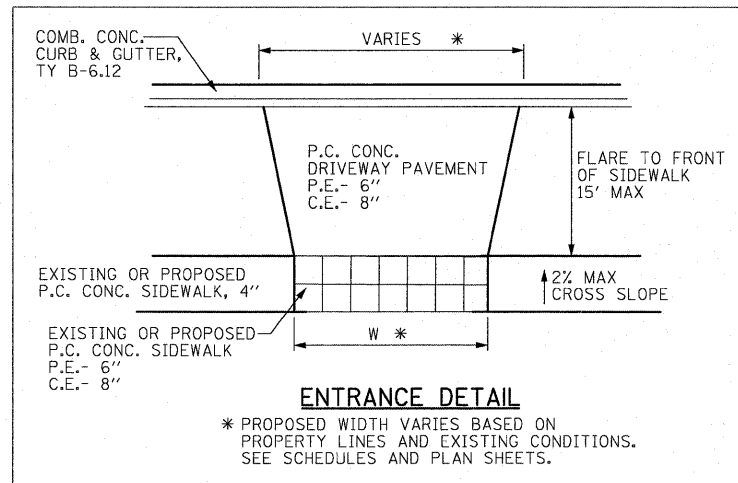
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET
PAVEMENT MARKING PLAN

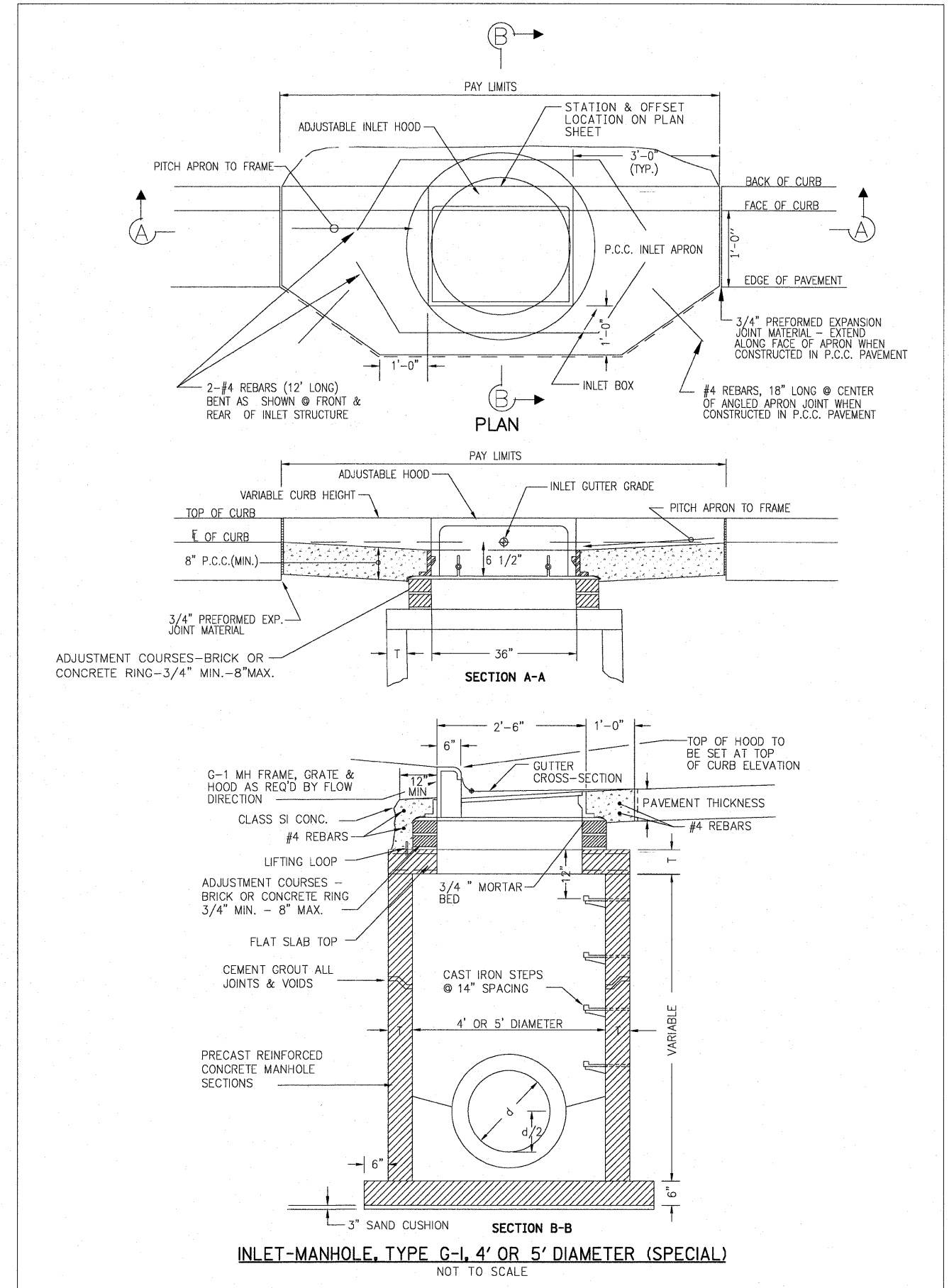
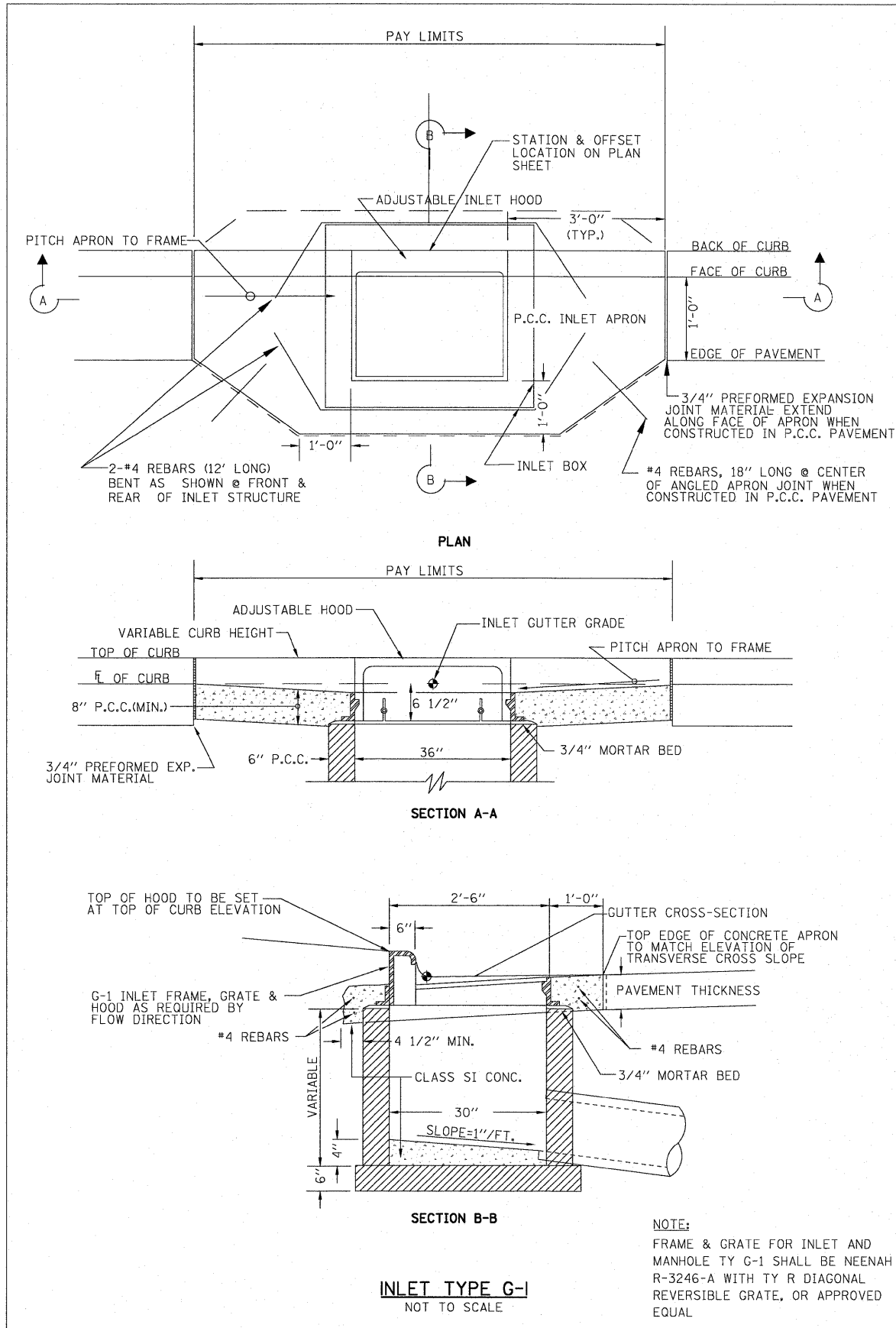
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 93502	



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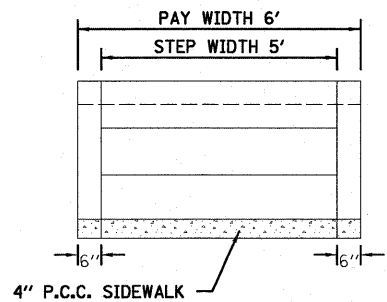
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

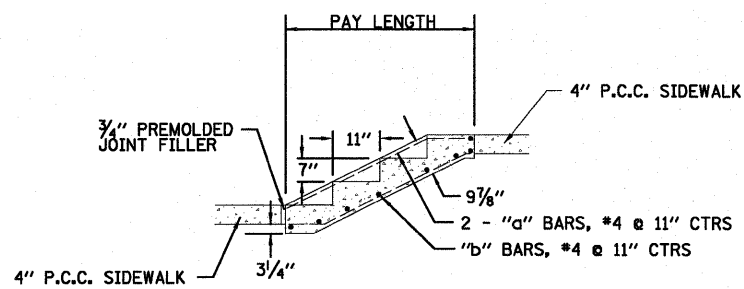
CITY OF HAVANA - BROADWAY STREET
MISCELLANEOUS ROADWAY DETAILS

SCALE: N.T.S. SHEET NO. OF SHEETS STA. 23+45 TO STA. 55+75

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FRONT VIEW



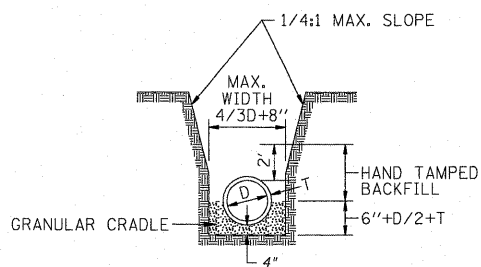
SIDE VIEW

CONCRETE STEPS DETAIL

NOTE:

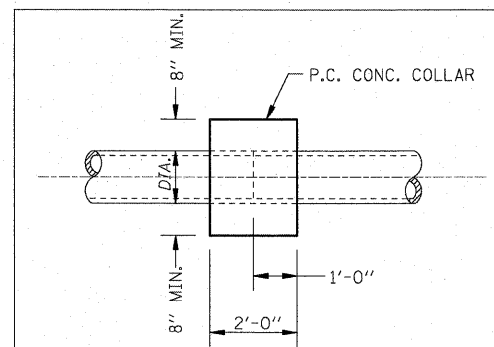
THE COST OF THE CLASS SI CONCRETE, REINFORCEMENT, AND P.J.F. SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR "CONCRETE STEPS".

STATION	NO. OF RISERS	REINFORCEMENT BARS						CL. SI CONC. CU. YD.	PAY SQ. FT.
		HORZ. (b)	NO.	VERT. (a)	NO.	SIZE	LBS.		
24+99, RT.	6	5'-7"	10	8'-2"	9	#4	87	3.6	38.5

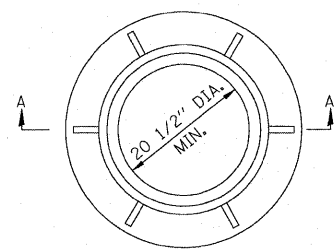


PIPE BEDDING & EXCAVATION DETAIL

* TRENCH BACK SHALL BE USED WHEN THE TRENCH LOCATION MEETS THE REQUIREMENTS OF SECTION 208 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

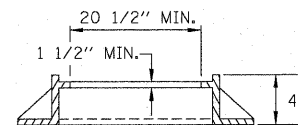


CONCRETE COLLAR DETAIL

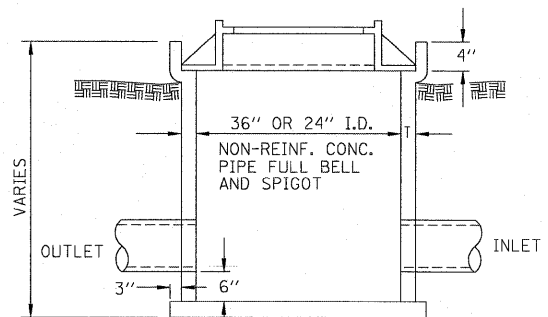


FRAME AND GRATE

NEENAH R-1792 EL FRAME & GRATE FOR 24" NEENAH R-1792-HL FOR 36" (OR APPROVED EQUAL)



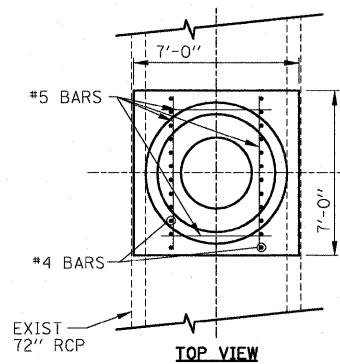
SECTION A-A



CLASS SI CONCRETE OR PRECAST REINFORCED CONCRETE SLABS NOT LESS THAN 12" WIDE

SAND CUSHION

FIELD TILE JUNCTION VAULT DETAILS



TOP VIEW

CONTROLLED LOW-STRENGTH MATERIAL BACKFILL TO 6" ABOVE 36" STORM SEWER (MIN)

EXIST 72" RCP

PROPOSED 36" STORM SEWER

3' DIA CMP FORM

3" MIN

1:1 SLOPE

1:1 SLOPE

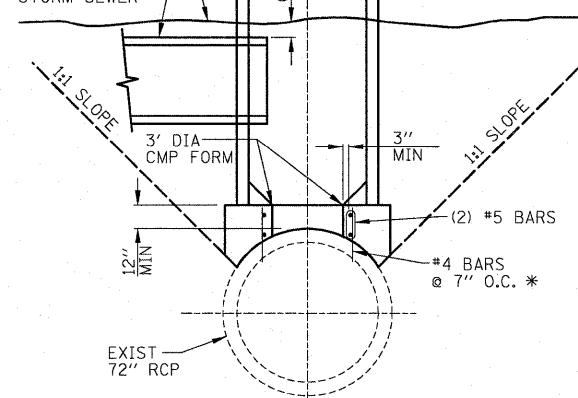
12" MIN

EXIST 72" RCP

PRECAST 5' DIA MANHOLE IN ACCORDANCE WITH STANDARD 602401 W/CAST-IN-PLACE BASE.

(2) #5 BARS

#4 BARS @ 7" O.C. *



ELEVATION VIEW

* #4 BARS SHALL BE EPOXIED INTO RCP- 5" MIN EMBED.

CAST IN PLACE BASE FOR MANHOLES, SPECIAL, 5'-DIA DETAIL

SEE PLAN AND PROFILE SHEET FOR ELEVATION INFORMATION

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STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

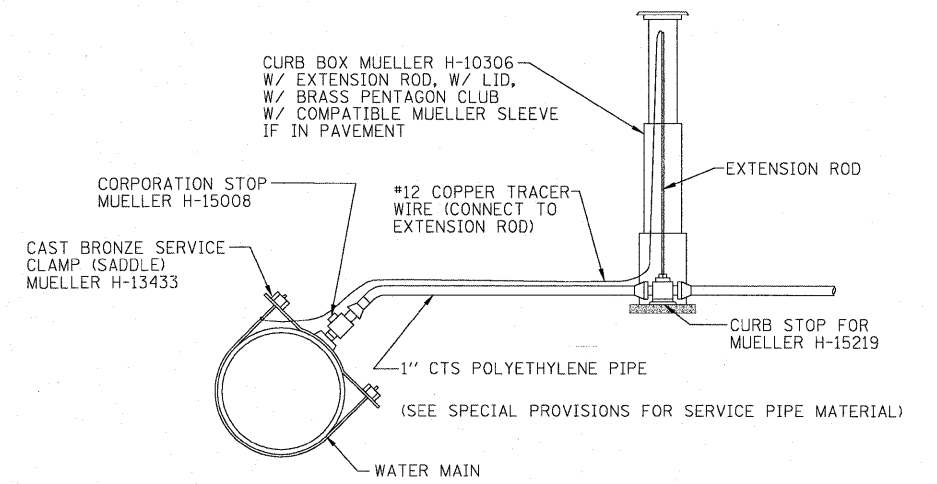
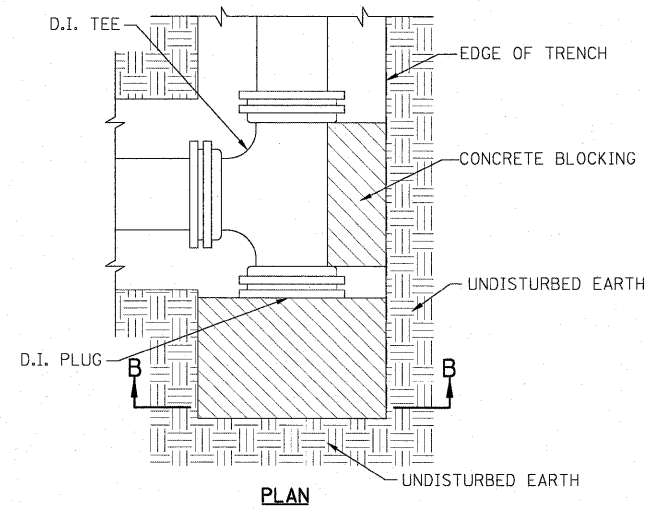
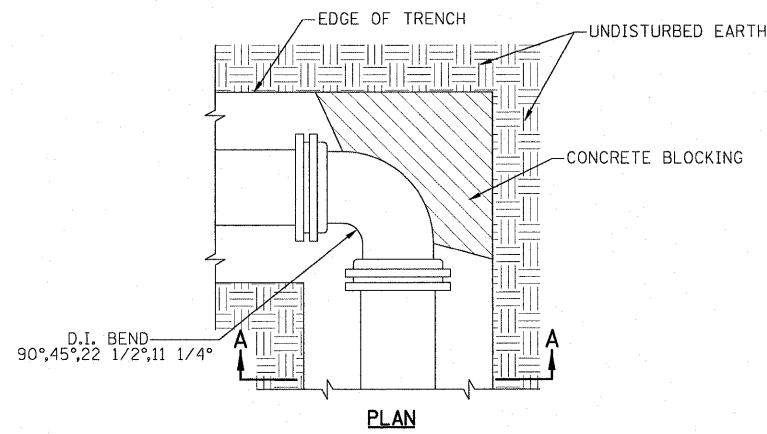
CITY OF HAVANA - BROADWAY STREET	
MISCELLANEOUS ROADWAY DETAILS	

SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. 23+45 TO STA. 55+75
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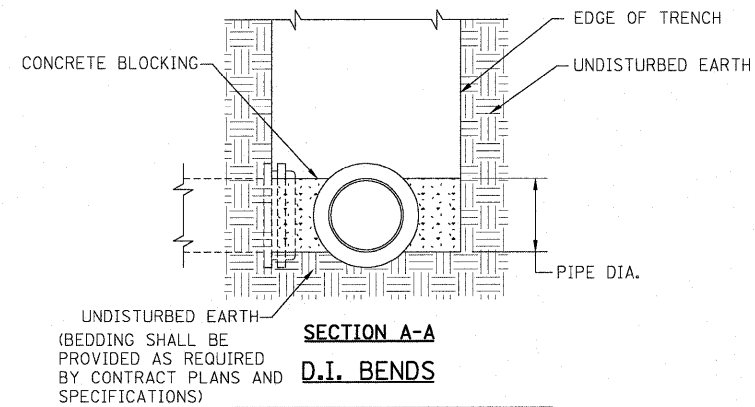
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CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

4707 NORTH KNOWLTON AVENUE, SUITE 200, PEORIA, ILLINOIS 61614	
(309)699-3888 / (309)699-9620 FAX	
www.f-t.com	

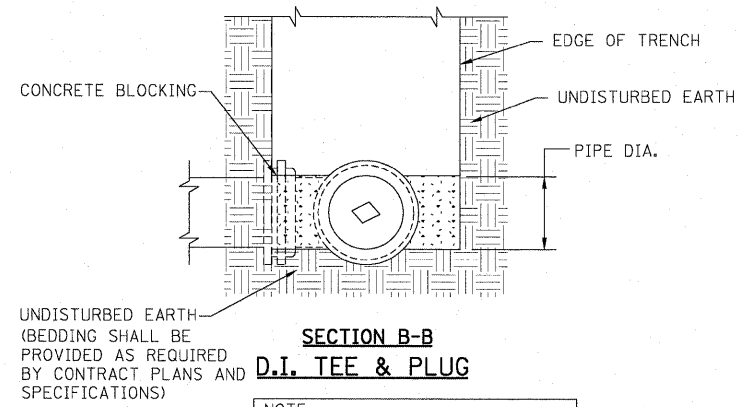


TYPICAL WATER SERVICE 1"



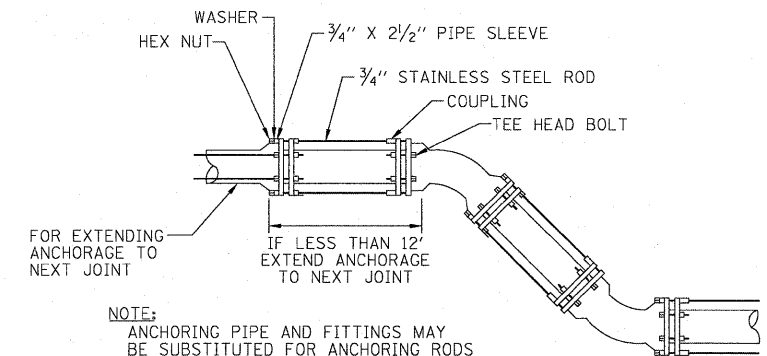
UNDISTURBED EARTH
(BEDDING SHALL BE
PROVIDED AS REQUIRED
BY CONTRACT PLANS AND
SPECIFICATIONS)

NOTE:
RETAINER GLANDS SHALL BE USED
ON ALL FITTINGS. NO ADDITIONAL
COMPENSATION ALLOWED.



UNDISTURBED EARTH
(BEDDING SHALL BE
PROVIDED AS REQUIRED
BY CONTRACT PLANS AND
SPECIFICATIONS)

NOTE:
RETAINER GLANDS SHALL BE USED
ON ALL FITTINGS. NO ADDITIONAL
COMPENSATION ALLOWED.



NOTE:
ANCHORING PIPE AND FITTINGS MAY
BE SUBSTITUTED FOR ANCHORING RODS

ANCHORING OF FITTINGS
LYING IN VERTICAL PLANE

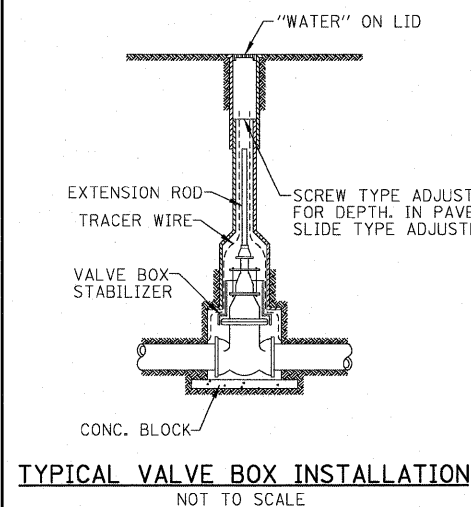
PIPE SIZE	NO. 3/4" RODS REQUIRED
12" & UNDER	2

TYPICAL CONCRETE BLOCKING DETAIL

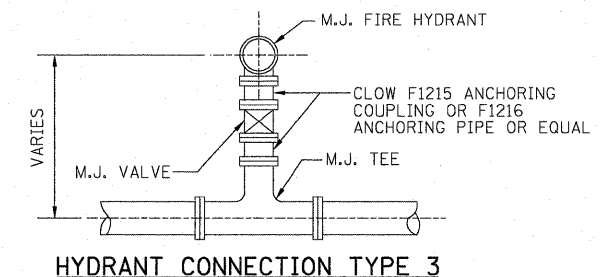
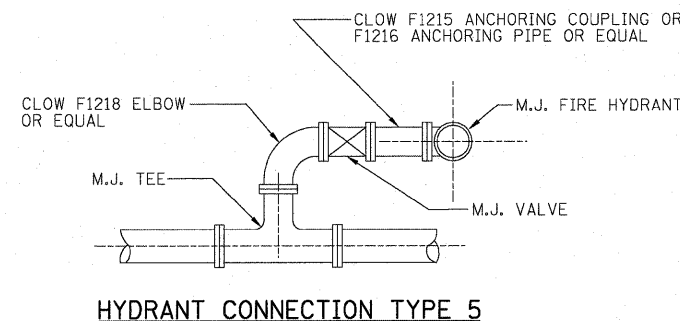
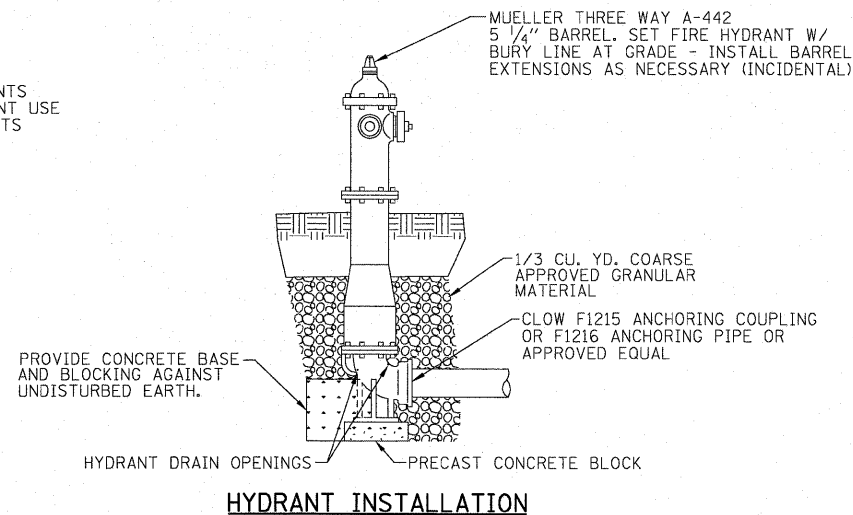
PIPE SIZE	AREA OF BEARING FACE REQUIRED - SQ. FT.		
	1/4 BEND	1/8 OR 1/16 BEND	TEES & PLUGS
4,6,8	3	3	3
10	4	3	3
12	6	3	4
16	11	4	7
18	16	6	10
20	18	8	12

FORCE MAIN AND PRESSURE RATED MINIMUM RESTRAINED
JOINT FITTINGS REFERENCE LENGTH TABLE WHERE
RESTRAINED LENGTHS ARE NOT INDICATED ON THE PLANS
(SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

FITTING	PIPE SIZE AND RESTRAINED JOINT LENGTH (BOTH SIDES OF FITTING) IN L.F.					
	3"	4"	6"	8"	10"	12"
PIPE DIAMETER	3'	4'	6'	8'	10'	12'
11 1/4° TO 45° ELBOW	9'	11'	16'	21'	26'	31'
90° ELBOW	23'	28'	39'	51'	63'	74'
VERTICAL OFFSET 11 1/4° TO 45°	21'	26'	37'	48'	59'	70'
TEE (BRANCH) RUN 10FT. EACH WAY	19'	25'	38'	52'	65'	78'
REDUCER	-	10'	23'	24'	24'	25'
DEAD END	25'	31'	44'	58'	71'	85'



NOTE:
RETAINER GLANDS TO BE USED
ON ALL VALVES. NO ADDITIONAL
COMPENSATION ALLOWED.



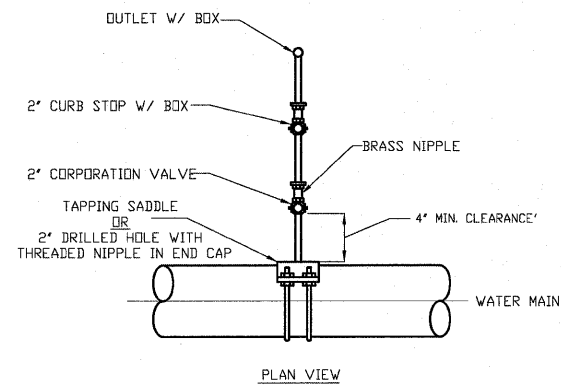
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET
WATERMAIN DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	36	26
CONTRACT NO. 93502				

SCALE: N.T.S. SHEET NO. OF SHEETS STA. 23+45 TO STA. 31+99.5

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

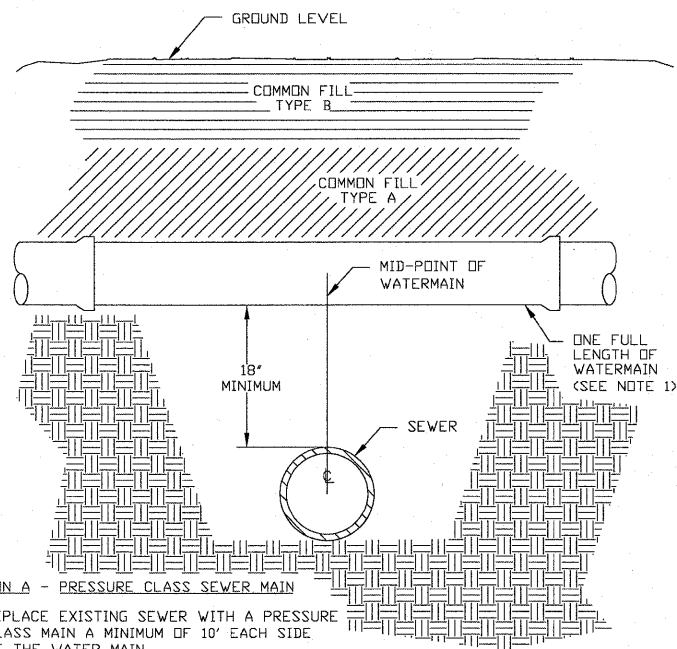


2" BLOW-OFF ASSEMBLY DETAIL

GENERAL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL UTILITY LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
- PRIOR TO BID SUBMISSION, CONTRACTOR SHALL VISIT THE SITE AND RESOLVE ANY QUESTIONS WHICH MAY AFFECT THE WORK.
- ALL CONSTRUCTION OPERATIONS SHALL BE IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.).
- CONTRACTOR SHALL NOTIFY OWNER OF ALL UNDERGROUND TILES ENCOUNTERED IN THE WORK AREA.
- THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS ACCOMPANYING THESE PLANS AND THE FOLLOWING SPECIFICATIONS:
 - "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", BY THE ILLINOIS DEPT. OF TRANSPORTATION, LATEST EDITION.
 - "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", BY THE ILLINOIS DEPT. OF TRANSPORTATION, LATEST EDITION.
 - ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION. ALL PROPOSED WATER MAINS SHALL MEET MINIMUM SEPARATION OR ENCASEMENT PER THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE A TEMPORARY MEANS OF ACCESS TO DRIVEWAYS UNTIL THE PERMANENT DRIVEWAY APRON IS INSTALLED. THIS SHALL CONSIST OF 6" MIN. OF CA-06 AGGREGATE COMPACTED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR WATERMAIN PIPE.
- ALL PIPE SHALL BE PVC SDR 21 UNLESS SHOWN OTHERWISE.
- CONTRACTOR SHALL SATISFACTORILY DISINFECT ALL WATER MAINS PRIOR TO USE. IN ACCORDANCE WITH REQUIREMENTS OF AWWA C651-99, AT LEAST ONE SET OF SAMPLES SHALL BE COLLECTED FROM EVERY 1,200 FEET OF NEW WATER MAIN, PLUS ONE SET FROM THE END OF THE LINE AND AT LEAST ONE SET FROM EACH BRANCH. SATISFACTORY DISINFECTION SHALL BE DEMONSTRATED IN ACCORDANCE WITH THE REQUIREMENTS OF 35 IL ADM. CODE 652-203. CONTRACTOR SHALL FURNISH AND INSTALL CORPORATION STOPS AT REQUIRED SAMPLING LENGTHS.
- CONTRACTOR SHALL MAINTAIN A MINIMUM 2' SPOOL PIECE LENGTH.
- THE PIPE SHALL BE LAID WITH A COVER OF AT LEAST 48 INCHES AND NO MORE THAN 54 INCHES AS MEASURED FROM THE TOP OF THE PIPE TO THE PROPOSED FINISHED GRADE OF THE GROUND OR PAVEMENT, UNLESS OTHERWISE INDICATED BY THE ENGINEER OR NOTED ON THE CONSTRUCTION DRAWINGS.
- ANY WORK IN THE STREET THAT WILL REQUIRE THE CLOSURE OF A LANE TO TRAFFIC MUST PROVIDE A MINIMUM 48 HOURS NOTICE TO THE CITY OF HAVANA PUBLIC WORKS DEPARTMENT (309-494-8803) FOR PROPER PUBLIC AND E911 NOTIFICATION.

WATER MAIN CROSSING OVER SEWER



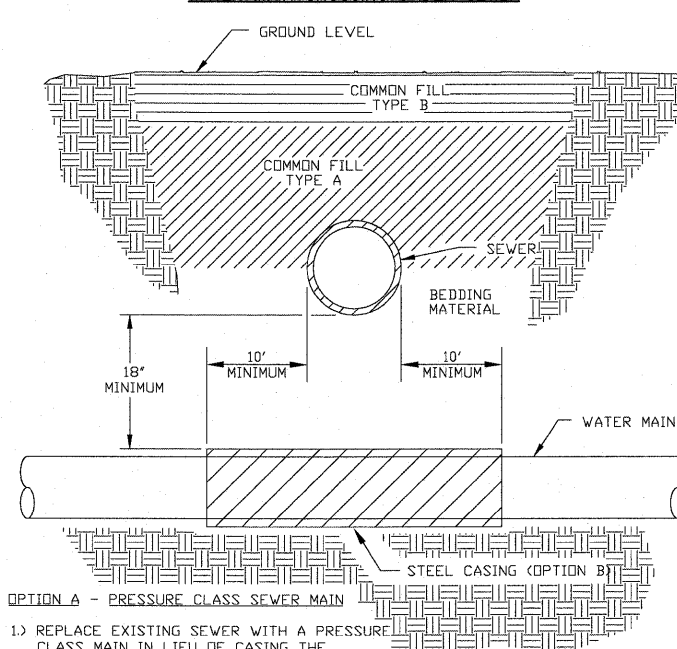
OPTION A - PRESSURE CLASS SEWER MAIN

- REPLACE EXISTING SEWER WITH A PRESSURE CLASS MAIN A MINIMUM OF 10' EACH SIDE OF THE WATER MAIN.

OPTION B - WATER MAIN INSTALLATION

- MID-POINT OF ONE FULL LENGTH OF WATER MAIN IS TO BE CENTERED ABOVE SEWER LINE.
- PROVIDE ADEQUATE SUPPORT FOR THE WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT.

WATER MAIN CROSSING UNDER SEWER



OPTION A - PRESSURE CLASS SEWER MAIN

- REPLACE EXISTING SEWER WITH A PRESSURE CLASS MAIN IN LIEU OF CASING THE WATER MAIN.
- THE SEWER SHALL BE REPLACED A MINIMUM OF 10' EACH SIDE OF THE WATERMAIN.

OPTION B - WATER MAIN CASING INSTALLATION

- PROVIDE ADEQUATE SUPPORT FOR THE EXISTING SEWER TO PREVENT DAMAGE DUE TO SETTLEMENT.

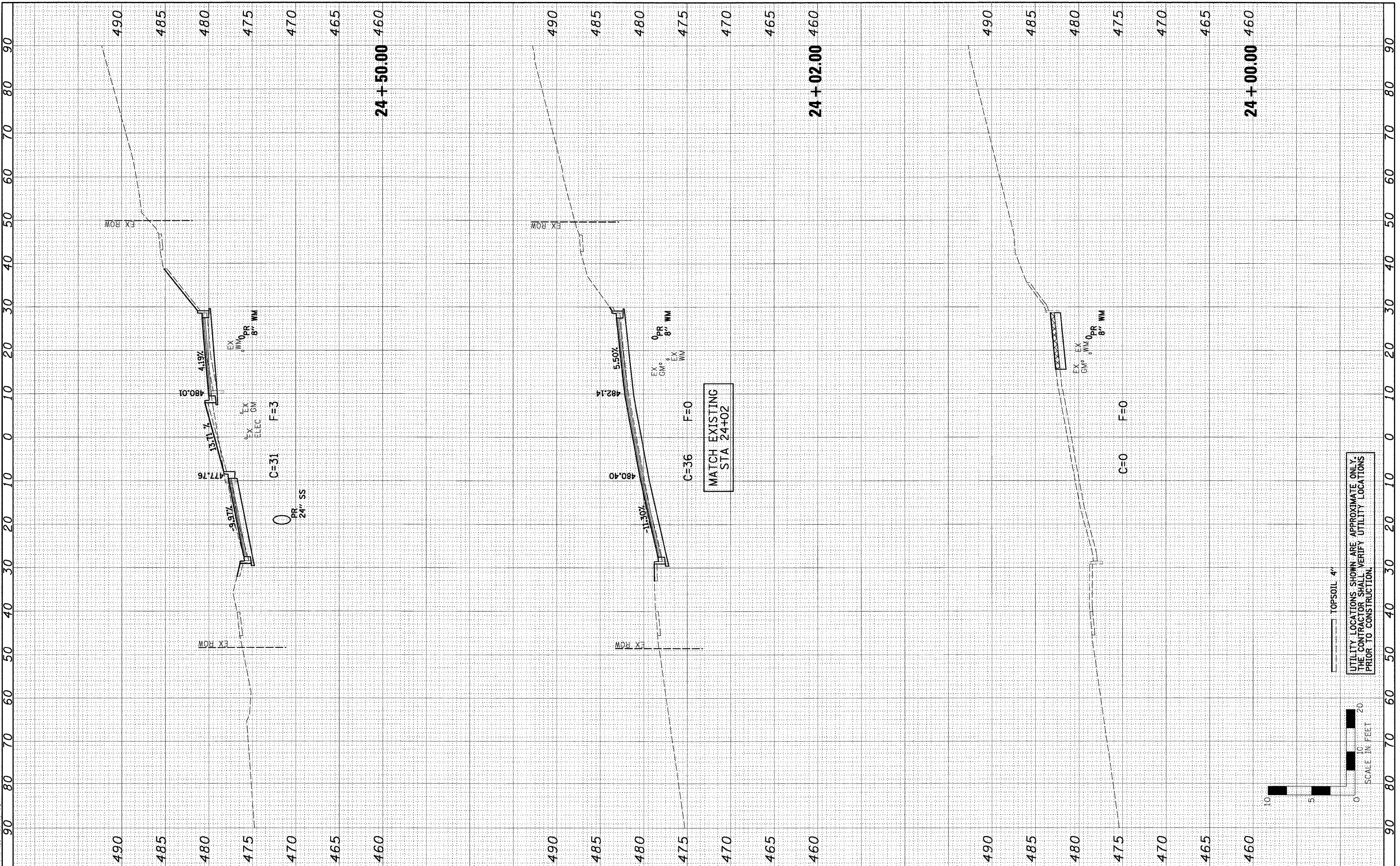
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		DATE - 03/09/10	REVISED -									

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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MATCH EXISTING STA 24+02

UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

TOPSOIL 4"

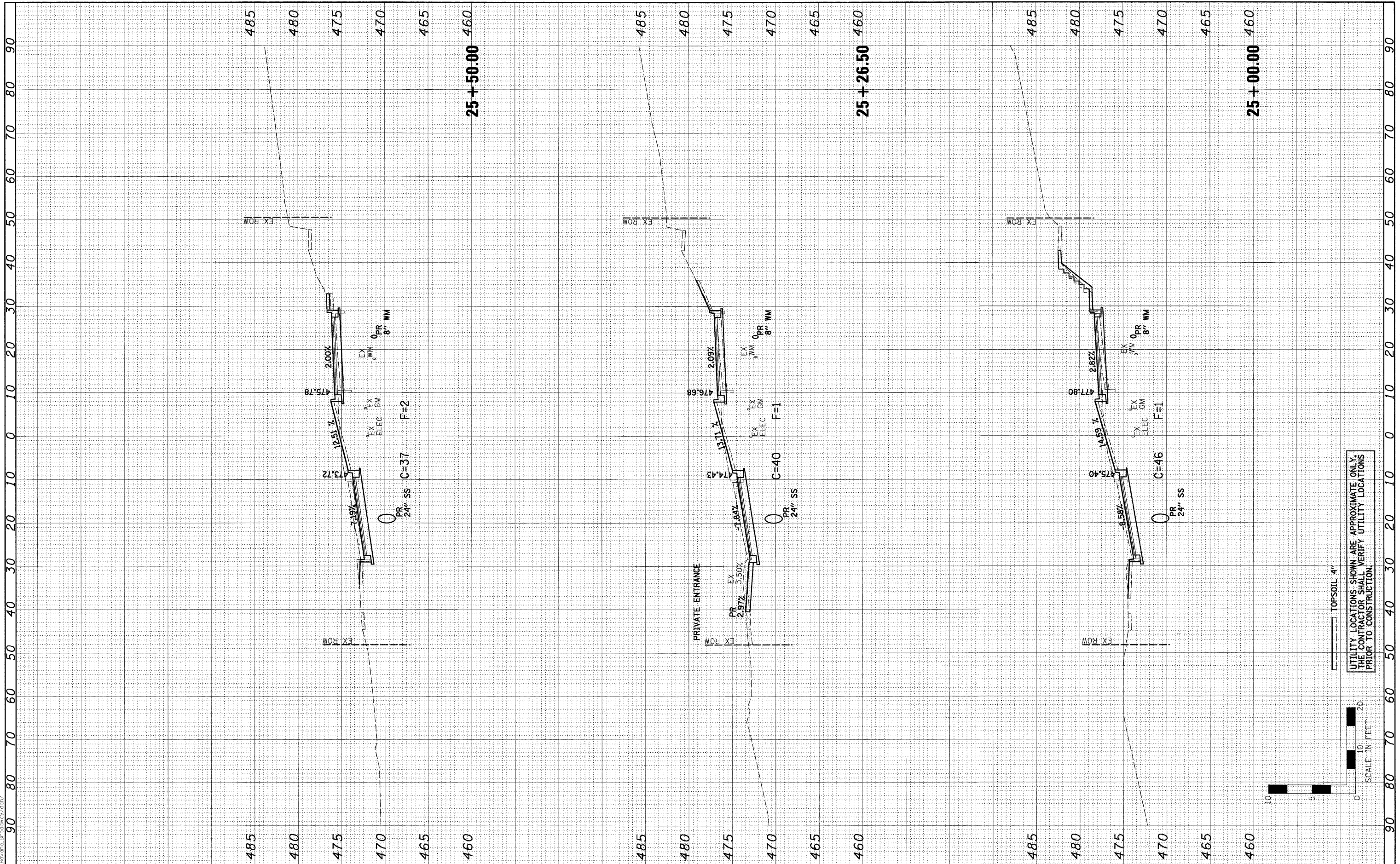


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PLOT SCALE =	CHECKED - ERB	REVISED -	05-00035-00-SS			MASON	36	28		
PLOT DATE = 3/9/2010 11:24:06 AM	DATE - 03/09/10	REVISED -	CONTRACT NO. 93502							
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
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PLOT DATE = 3/9/2010 11:24:07 AM	

DESIGNED - PSA	REVISED -
DRAWN - JTC	REVISED -
CHECKED - ERB	REVISED -
DATE - 03/09/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET
CROSS SECTIONS
SCALE: H=10, V=5
SHEET NO. OF SHEETS
STA. 25+00.00 TO STA. 25+50.00

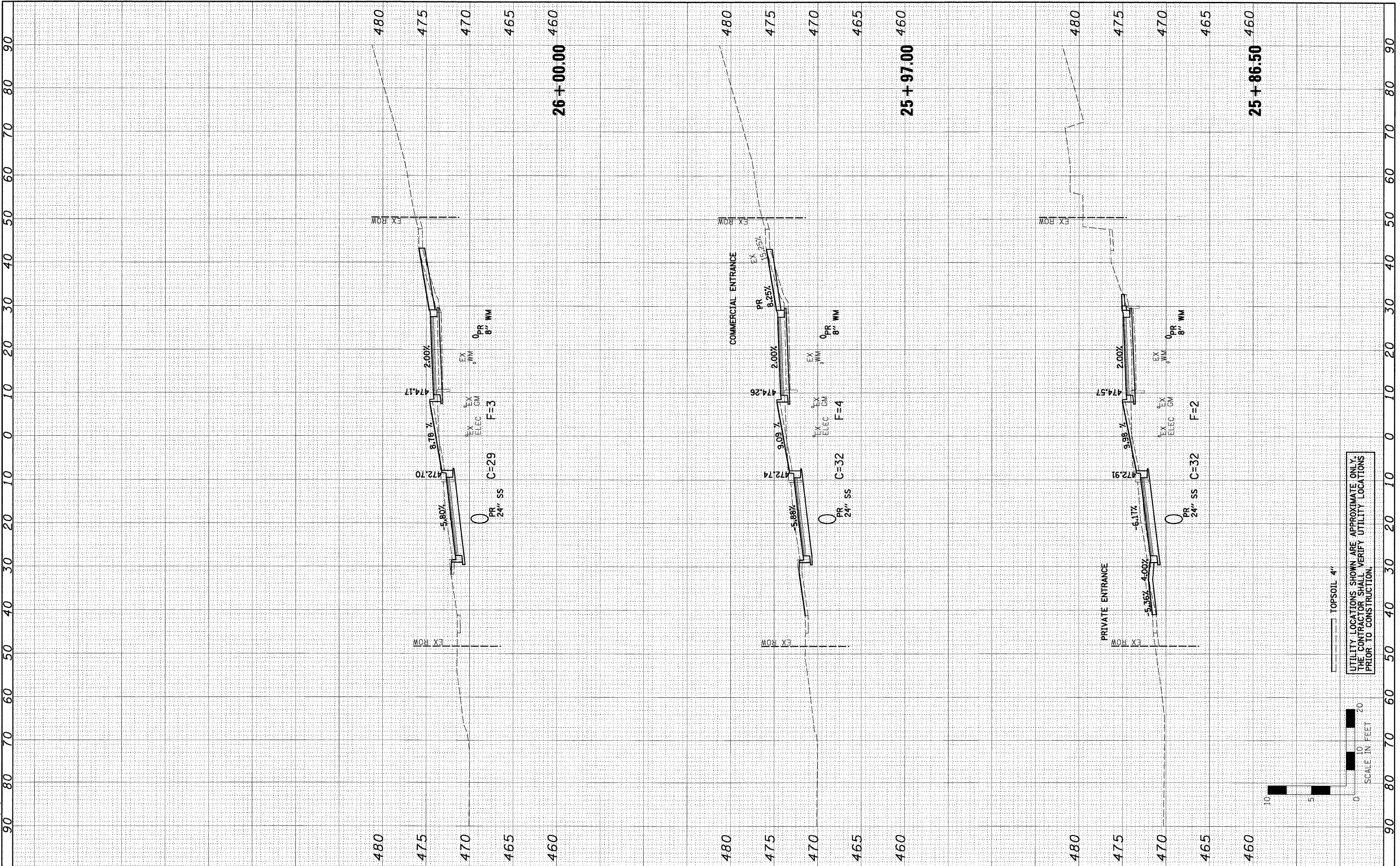
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	36	29
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE IN FEET	TOPSOIL 4"
0 10 20	UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		
AREAS CHECKED		

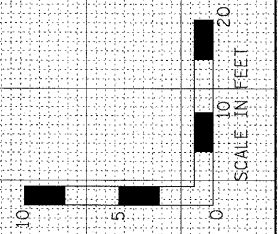
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SURVEYED		
NOTE BOOK		
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AREAS CHECKED		

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PLOT SCALE =	CHECKED - ERB	REVISOR -	REVISOR -		SCALE: H=10, V=5	SHEET NO. OF SHEETS	STA. 25+86.50 TO STA. 26+00.00	05-00035-00-SS	MASON	36	30
PLOT DATE = 3/9/2010 11:24:07 AM	DATE - 03/09/10	REVISOR -	REVISOR -						CONTRACT NO. 93502		

Farnsworth GROUP 1707 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
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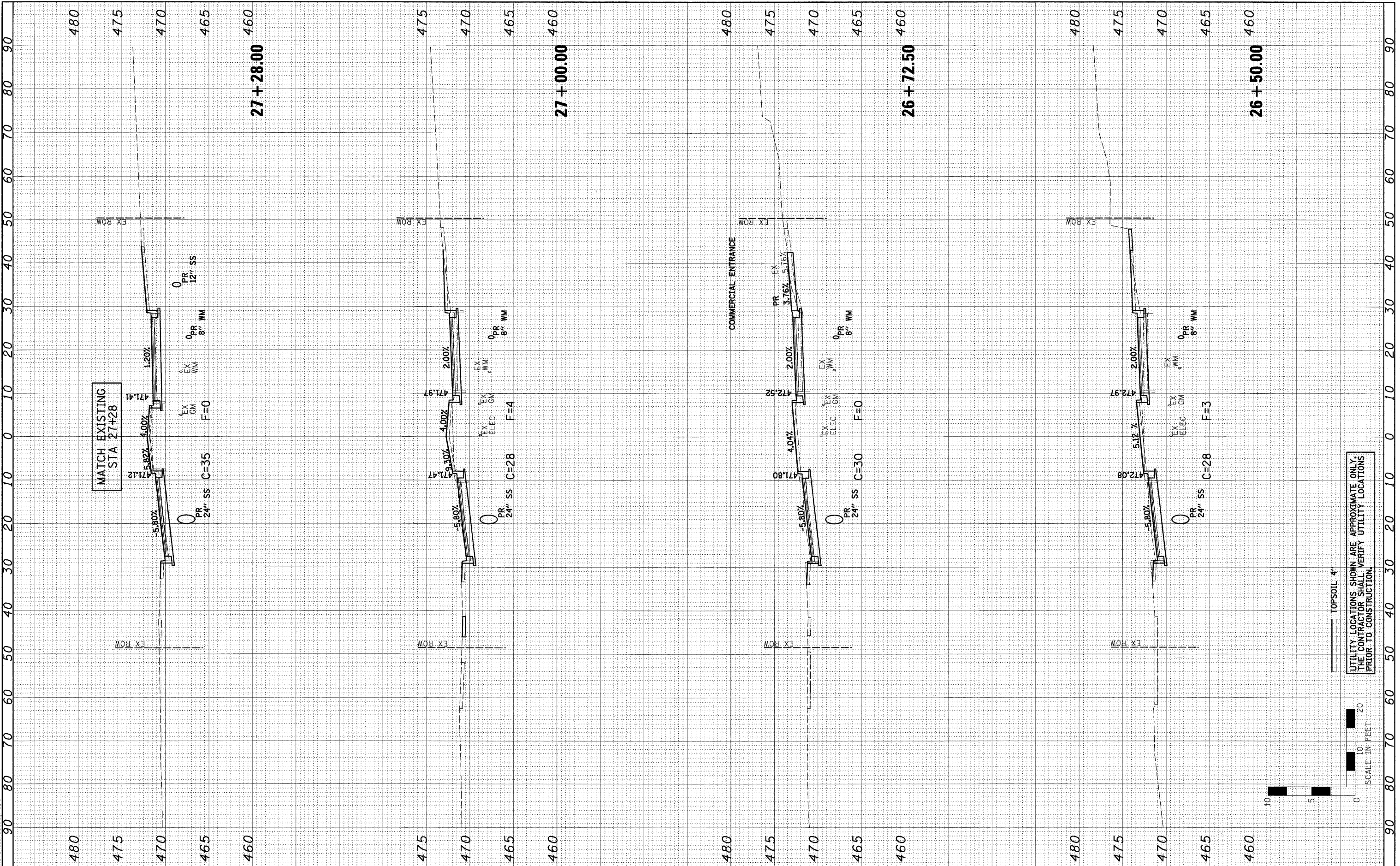


UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS
PRIOR TO CONSTRUCTION.

FINAL SURVEY	BY	DATE
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
NO.		

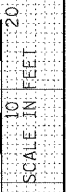
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NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
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UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
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 PRIOR TO CONSTRUCTION.

TOPSOIL 4"

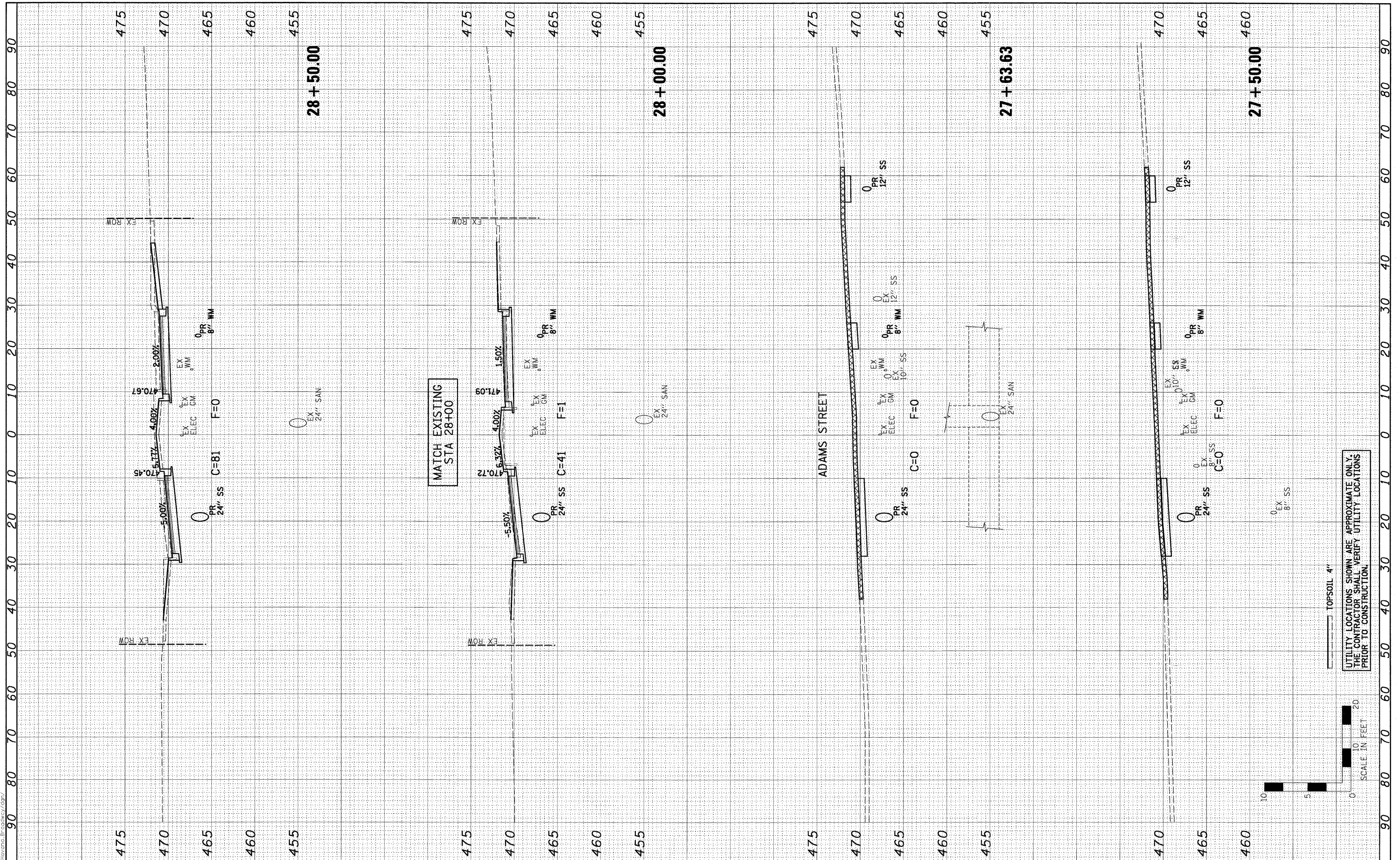


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PLOT SCALE =	DATE = 03/09/10	DRAWN - JTC	REVISED -			05-00035-00-SS	MASON	36	31	
PLOT DATE = 3/9/2010 11:24:08 AM	CHECKED - ERB	REVISOR -	REVISED -			CONTRACT NO. 93502				
	DATE = 03/09/10	REVISOR -	REVISED -			ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	DATE
SURVEYED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
SURVEYED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	

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DRAWN -	JTC	REVISED -	
CHECKED -	ERB	REVISED -	
DATE -	03/09/10	REVISED -	

DESIGNED -	PSA	REVISED -	
DRAWN -	JTC	REVISED -	
CHECKED -	ERB	REVISED -	
DATE -	03/09/10	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF HAVANA - BROADWAY STREET
CROSS SECTIONS**

SCALE: H=10, V=5 SHEET NO. OF SHEETS STA. 27+50.00 TO STA. 28+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	36	32
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 93502		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	36	32
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 93502		

UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

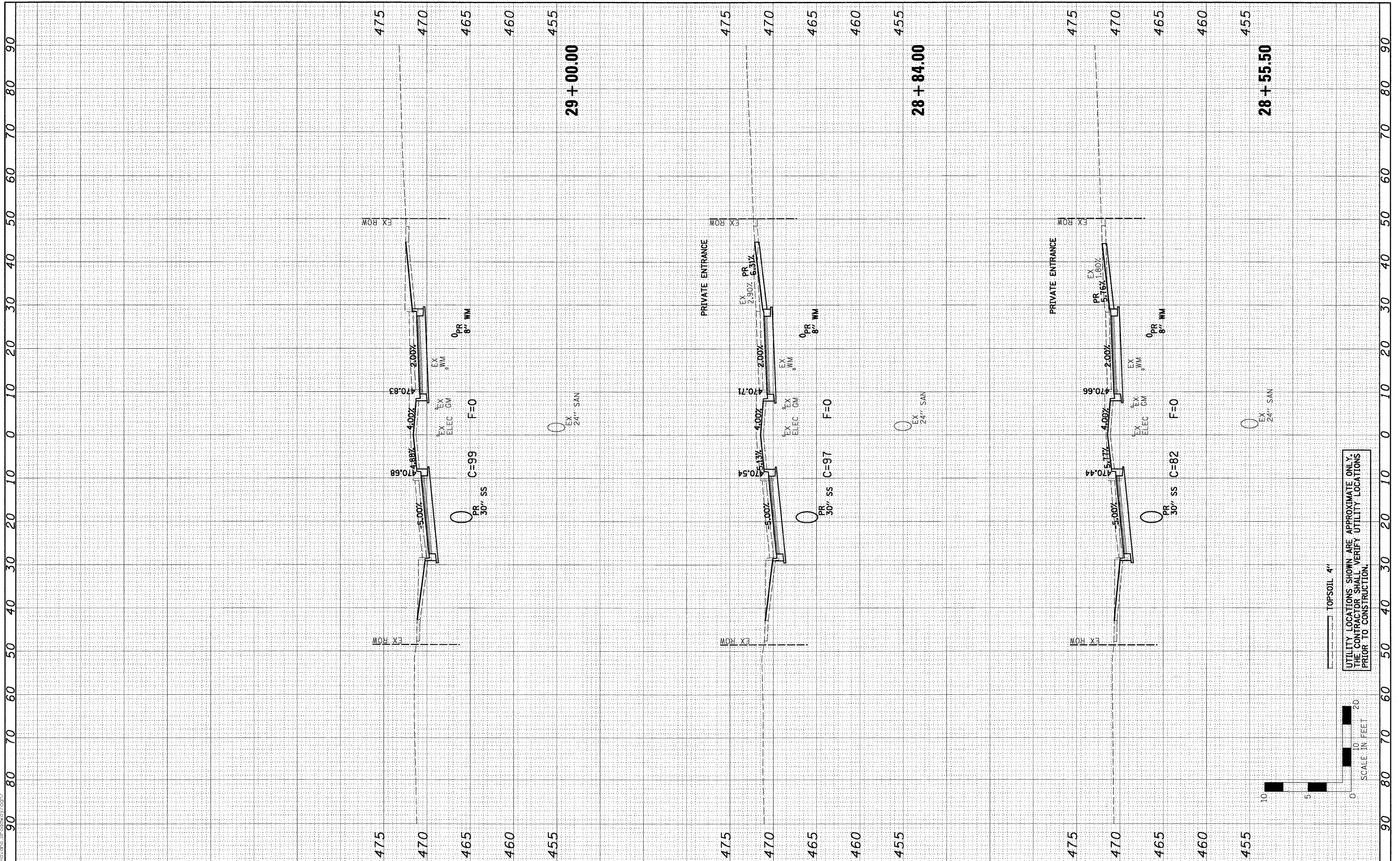
TOPSOIL 4"

SCALE IN FEET

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

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

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 PRIOR TO CONSTRUCTION.

TOPSOIL 4"

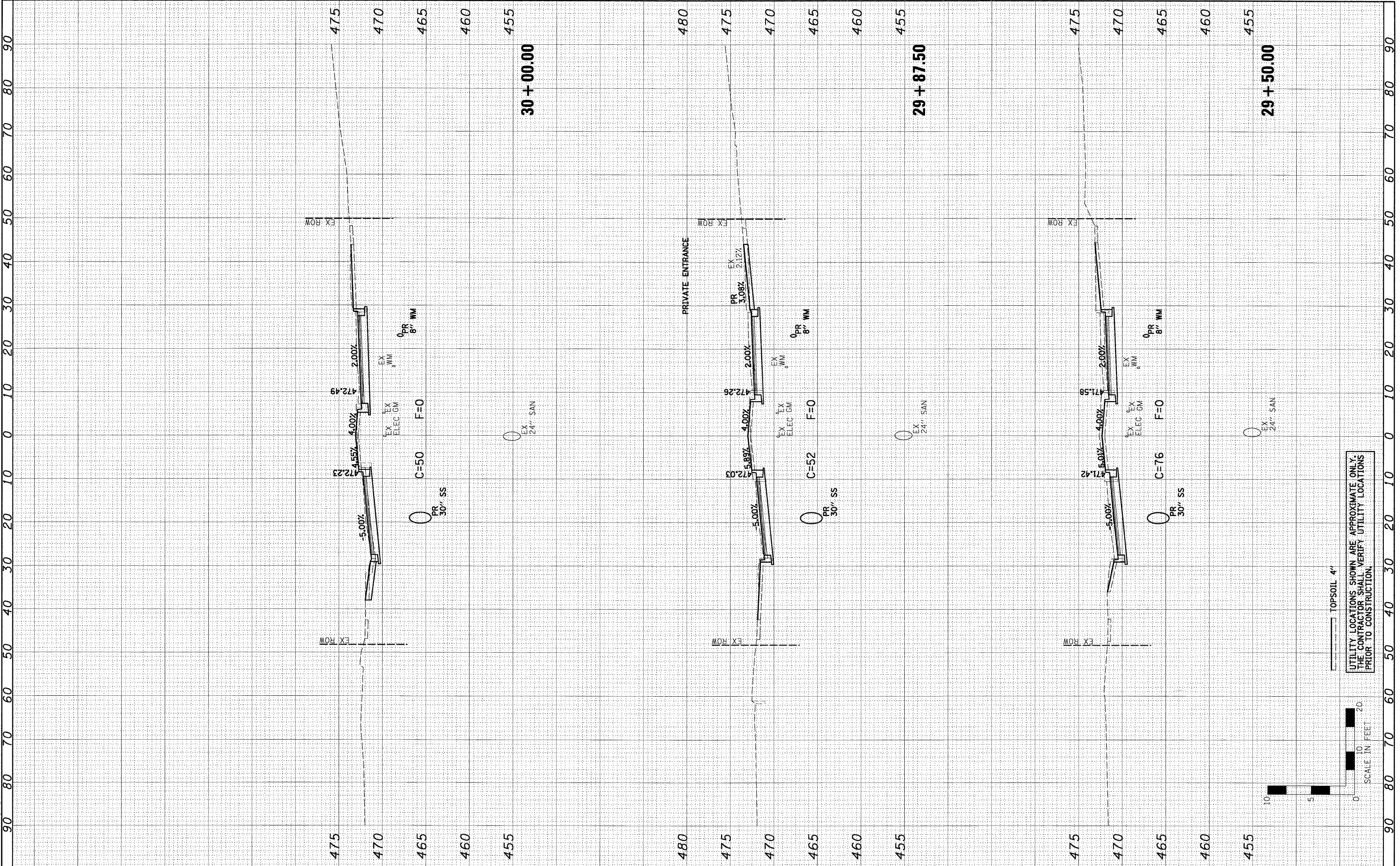
SCALE IN FEET

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PLOT SCALE =		DRAWN - JTC	REVISED -		SCALE: H=10, V=5	SHEET NO. OF SHEETS	STA. 28+55.50 TO STA. 29+00.00	05-00035-00-SS	MASON	36	33	
PLOT DATE = 3/9/2010 11:24:09 AM		CHECKED - ERB	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 93502		
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FINAL SURVEY BY DATE
 SURVEYED SURVEY BY DATE
 NOTE BOOK NO. DATE
 TEMPLATE AREAS CHECKED
 AREAS CHECKED

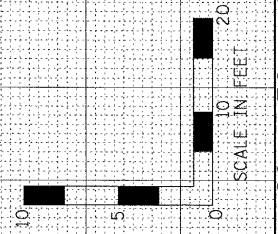
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PLOT SCALE =		DRAWN - JTC	REVISED -		
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		DATE - 03/09/10	REVISED -		

UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATES		
AREAS CHECKED	AREAS CHECKED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATES		
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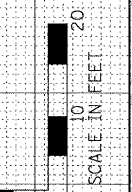
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PLCT SCALE =	PLCT DATE = 3/9/2010 11:24:10 AM	DRAWN - JTC	REVISED -		SCALE: H=10, V=5	SHEET NO.	OF SHEETS	STA. 30+15.00	TO STA. 31+00.00	05-00035-00-SS	MASON	36	35
		CHECKED - ERB	REVISED -										
		DATE - 03/09/10	REVISED -										
										CONTRACT NO. 93502 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

Farnsworth GROUP 7707 NORTH KNAXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
309.689-9888 / 309.689-9820 FAX www.f-v.com

UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

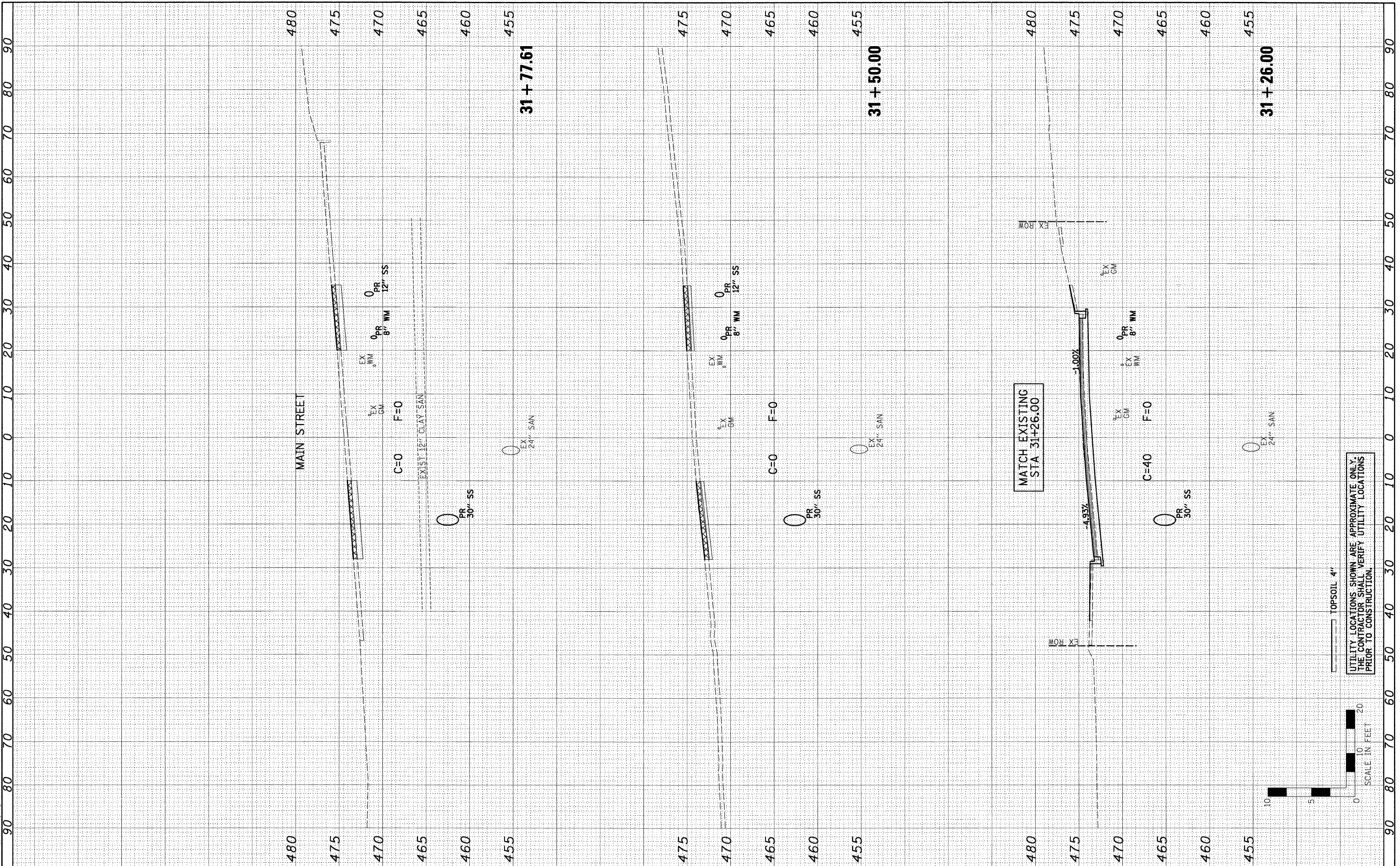


TOPSOIL 4"

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

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
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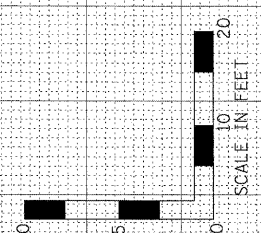
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CHECKED -	ERB	REVISED -	
DATE -	03/09/10	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H=10, V=5		SHEET NO. OF SHEETS	STA. 31+11.00 TO STA. 31+77.61
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**CITY OF HAVANA - BROADWAY STREET
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	36	36
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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TOPSOIL 4"