

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.		

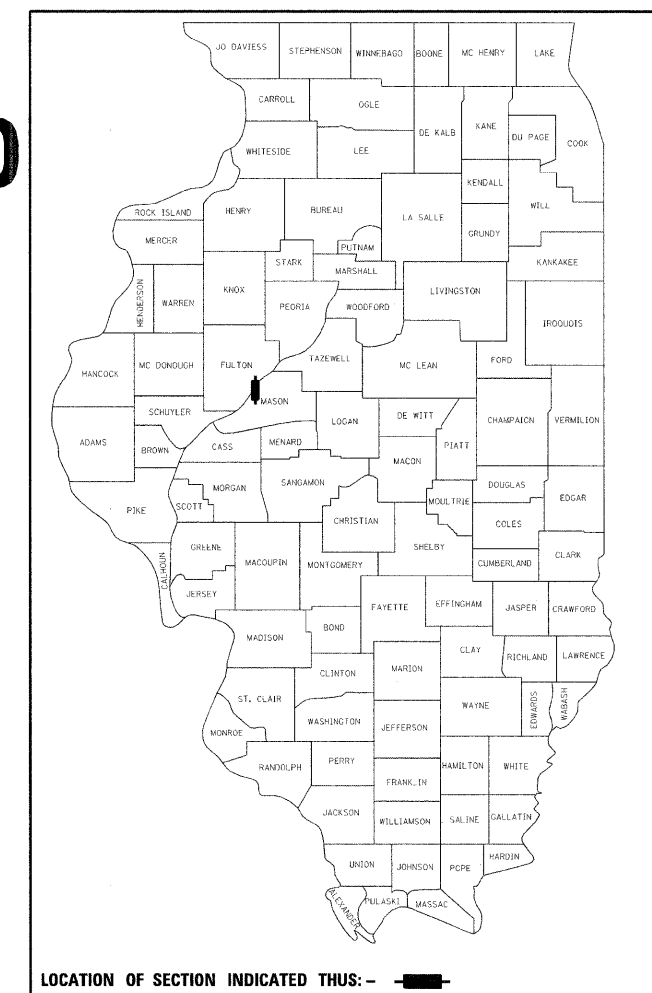
INDEX OF SHEETS:

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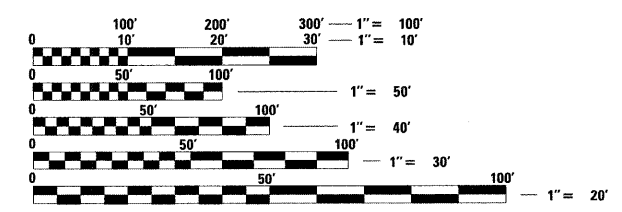
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED PLANS FOR FEDERAL-AID
(HIGH PRIORITY) IMPROVEMENTS
CITY OF HAVANA, MASON COUNTY
PROJECT NO. HPP-0036 (107)
JOB NO. C-96-209-10
BROADWAY STREET
(US RTE 136 TO CLARK STREET)
SECTION 05-00035-00-SS

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
- 604036-02 GRATE TYPE B
- 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



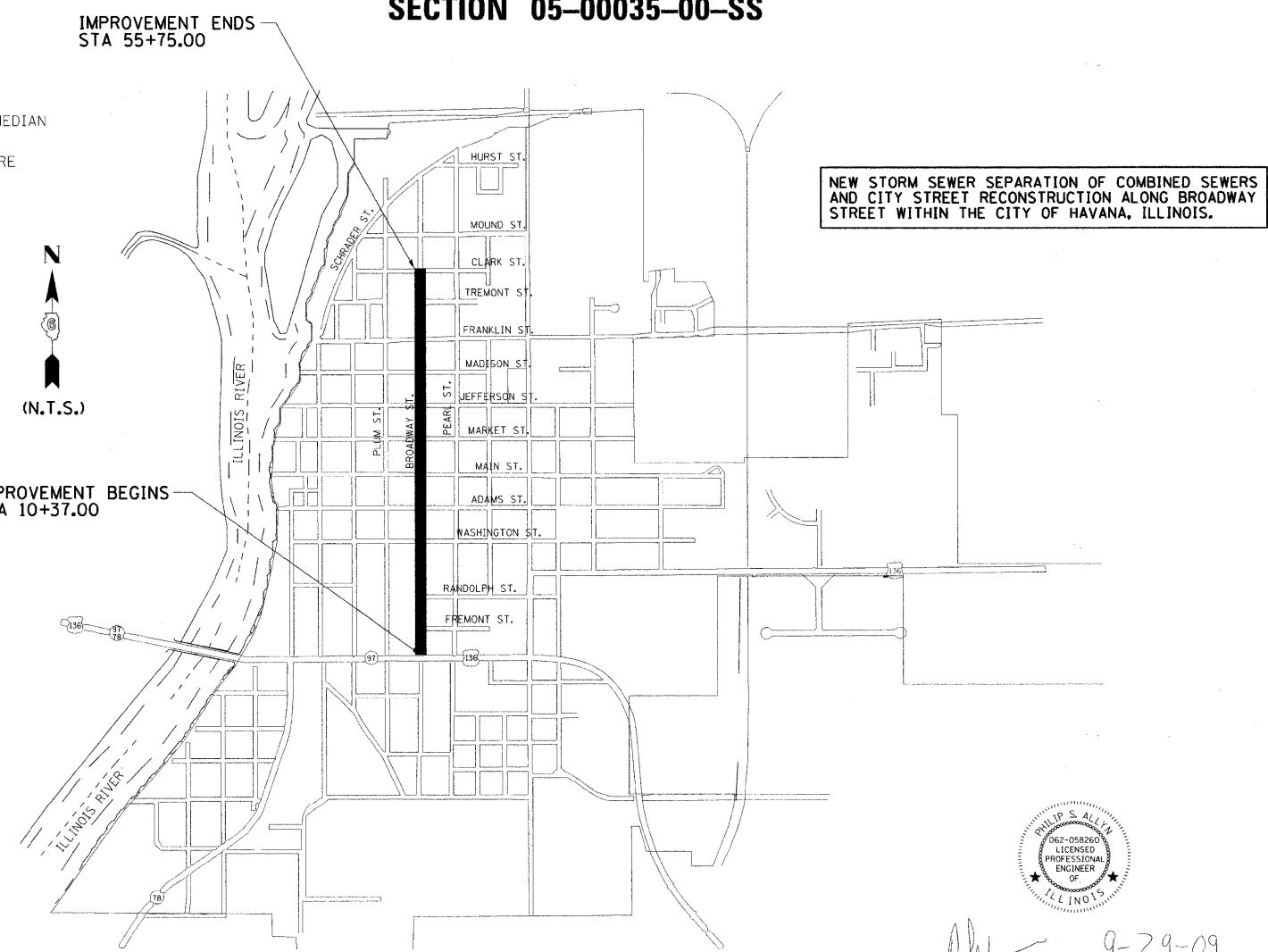
DESIGN CLASS:
 BROADWAY STREET - LOCAL STREET
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 30 MPH
 DESIGN YEAR TRAFFIC: 1,409 (2030) DHV 141



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

CONTRACT NO. 93502



LOCATION MAP - CITY OF HAVANA
 TOTAL LENGTH OF PROJECT = 4,538.00 FEET = 0.859 MILES
 NET LENGTH OF PROJECT = 4,538.00 FEET = 0.859 MILES

[thick black line] PROPOSED ROADWAY IMPROVEMENTS

Philip S. Allen
 9-29-09
 SIGNATURE
 EXPIRATION DATE NOVEMBER 30, 2009

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

APPROVED	<i>Walter Roberts</i>	2009
	MAYOR-CITY OF HAVANA	
PASSED	<i>October 19</i>	2009
	<i>Ken Ashbaugh</i>	
	DISTRICT SIX ENGINEER OF CONSTRUCTION	
PASSED	<i>October 20</i>	2009
	<i>Jim Furl</i>	
	DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS	
Releasing For Bid Based on Limited Review	<i>October 20</i>	2009
	<i>Roger A. Umbell</i>	
	DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER	
	STATE OF ILLINOIS	
	DEPARTMENT OF TRANSPORTATION	

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

04/2008/0980179.00 Havana Broadway/DPW/

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY 1000	NON-PARTICIPATING Y060
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	
20200100	EARTH EXCAVATION	CU YD	3,247	
* 20201500	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	850	
20800150	TRENCH BACKFILL	CU YD	11,610	
* 21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,250	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6,979	
25000100	SEEDING, CLASS 1	ACRE	1.5	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	135	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	135	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	135	
25100630	EROSION CONTROL BLANKET	SQ YD	6,979	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	288	
28000400	PERIMETER EROSION BARRIER	FOOT	116	
28000500	INLET AND PIPE PROTECTION	EACH	77	
28000510	INLET FILTERS	EACH	40	
35100100	AGGREGATE BASE COURSE, TYPE A	TON	5,890	
* 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	600	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5,923	
40600300	AGGREGATE (PRIME COAT)	TON	22	
40600990	TEMPORARY RAMP	SQ YD	304	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,532	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,021	
42001300	PROTECTIVE COAT	SQ YD	1,162	
* 42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	782	
* 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	308	
* 42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	4,763	
* 42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	258	
* 42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	245	
42400800	DETECTABLE WARNINGS	SQ FT	216	
44000100	PAVEMENT REMOVAL	SQ YD	11,082	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	1,078	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	713	
44000300	CURB REMOVAL	FOOT	5,393	
44000400	GUTTER REMOVAL	FOOT	15	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	44	
44000600	SIDEWALK REMOVAL	SQ FT	4,653	
* 44201474	CLASS C PATCHES, TYPE I	SQ YD	3	
* 44201476	CLASS C PATCHES, TYPE II	SQ YD	23	

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY 1000	NON-PARTICIPATING Y060
* 44201478	CLASS C PATCHES, TYPE III	SQ YD	40	
* 44201480	CLASS C PATCHES, TYPE IV	SQ YD	1,231	
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	465	
550B0110	STORM SEWERS, CLASS B, TYPE 1 21"	FOOT	43	
550B0120	STORM SEWERS, CLASS B, TYPE 1 24"	FOOT	44	
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	272	
550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	52	
550B0380	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	394	
550B0410	STORM SEWERS, CLASS B, TYPE 2 24"	FOOT	53	
550B0430	STORM SEWERS, CLASS B, TYPE 2 30"	FOOT	138	
550B0710	STORM SEWERS, CLASS B, TYPE 3 24"	FOOT	140	
550B0730	STORM SEWERS, CLASS B, TYPE 3 30"	FOOT	1,579	
550B0750	STORM SEWERS, CLASS B, TYPE 3 36"	FOOT	1,195	
550B1030	STORM SEWERS, CLASS B, TYPE 4 30"	FOOT	649	
* X0321905	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	146	
* X0324995	STORM SEWER, TYPE 1, WATER MAIN QUALITY PIPE, 21"	FOOT	41	
* X0323093	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	42	
* X0321907	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	119	
* X0323955	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 21"	FOOT	93	
* X0321909	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	127	
Δ* 56100700	WATER MAIN 8"	FOOT		2,092
Δ* XX008209	TAPPING VALVES AND SLEEVES, 10" X 8"	EACH		2
Δ* XX008233	MJ CAPS, 4"	EACH		4
Δ* XX008234	MJ CAPS, 8"	EACH		1
Δ* 56200300	WATER SERVICE LINE 1"	FOOT		384
Δ* 56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	150	
Δ* 56300300	ADJUSTING WATER SERVICE LINES	FOOT	100	
Δ* 56400500	FIRE HYDRANTS TO BE REMOVED	EACH		4
Δ* 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH		6
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE I FRAME, OPEN LID	EACH	3	
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE I FRAME, OPEN LID	EACH	28	
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE I FRAME, OPEN LID	EACH	1	
* X6020098	MANHOLES, TYPE A, 9'-DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1	
* XX000321	INLET-MANHOLE, TYPE G-1, 5'-DIAMETER, SPECIAL	EACH	2	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	1	
* 60241800	INLETS, TYPE G-1	EACH	38	
* 60255500	MANHOLES TO BE ADJUSTED	EACH	6	

CONSTRUCTION TYPE CODE: Y007

△ SPECIALTY ITEM

* SPECIAL PROVISION

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF HAVANA - BROADWAY STREET
SUMMARY OF QUANTITIES**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	2
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 03502	



7701 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
 (309)699-9888 / (309)699-9820 FAX
 www.f-w.com

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY 1000	NON-PARTICIPATING Y060
60500040	REMOVING MANHOLES	EACH	4	
60500060	REMOVING INLETS	EACH	21	
* 60600605	CONCRETE CURB, TYPE B	FOOT	126	
* 60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4,950	
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	2	
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	2	
61139800	STORM SEWERS, SPECIAL 4"	FOOT	100	
61139900	STORM SEWERS, SPECIAL 6"	FOOT	100	
61140000	STORM SEWERS, SPECIAL 8"	FOOT	100	
61140100	STORM SEWERS, SPECIAL 10"	FOOT	100	
67100100	MOBILIZATION	L SUM	1	
* 70103700	TRAFFIC CONTROL COMPLETE	L SUM	1	
△ 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	407	
△ 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	315	
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	
* X5510100	STORM SEWER REMOVAL	FOOT	471	
* XX000300	CONCRETE STEPS	SQ FT	89	
△ * XX000731	CASING PIPE	FOOT		21
△ * XX000836	PRESSURE TESTING AND DISINFECTION	L SUM		1
△ * XX001490	GATE VALVES, 8"	EACH		5
* XX002134	CONCRETE CURB AND GUTTER OUTLET SPECIAL	EACH	2	
△ * XX003531	WATER SERVICE CONNECTION 1"	EACH		45
△ * XX003543	DUCTILE IRON WATER MAIN FITTINGS, 8" - 45 DEGREE BEND	EACH		6
* XX005293	CONCRETE HEADER BAND	FOOT	26	
* XX000406	BRICK PAVER REMOVAL AND REPLACEMENT	SQ FT	243	
△ * XX006536	WATER SERVICE LINE 1", BORED	FOOT		1,350
△ * XX008196	TRENCH BACKFILL, WATERMAIN <i>SPECIAL</i>	FOOT		1,359
△ * X0323820	DUCTILE IRON WATER MAIN TEE, 8" X 8"	EACH		1
△ * XX008210	HORIZONTAL DIRECTIONAL DRILL, 8" WATERMAIN	FOOT		105
△ * XX004731	CONNECTION TO EXISTING WATERMAIN	EACH		2

CONSTRUCTION TYPE CODE: Y007

△ SPECIALTY ITEM
* SPECIAL PROVISION

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PLDT SCALE =	DRAWN - JTC	REVISED -	05-00035-00-SS			MASON	60	3		
PLDT DATE = 9/29/2009 10:01:50 AM	CHECKED - ERB/RDY	REVISED -	CONTRACT NO. 93502							
DATE - 09/29/09	REVISED -	SCALE: N.T.S. SHEET NO. OF SHEETS STA. 10+37 TO STA. 55+75								
						<small>FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT</small>				

TOPSOIL AND SEEDING

Table with columns: STATION, TO STATION, TOPSOIL FURNISH AND PLACE, TEMPORARY EROSION CONTROL SEEDING, SEEDING, NITROGEN FERTILIZER, PHOSPHORUS FERTILIZER, POTASSIUM FERTILIZER, EROSION CONTROL BLANKET.

PERIMETER EROSION BARRIER

Table with columns: LOCATION, FOOT. Includes STA. 10+33.00, RT. and STA. 11+49.00, RT.

INLET & PIPE PROTECTION

Table with columns: LOCATION, EACH. Lists various stationing points from STA. 10+41.50 to STA. 55+62.00.

EARTHWORK TABLE

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

INLET FILTERS

Table with columns: LOCATION, EACH. Lists inlet filter locations from STA. 10+41.50 to STA. 54+67.73.

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

Table with columns: LOCATION, UNIT. Lists tree removal locations like STA. 18+89.04, RT.

REMOVING INLETS

Table with columns: LOCATION, EACH. Lists inlet removal locations from STA. 13+25.00, LT. to STA. 54+51.00, LT.

MANHOLES TO BE ADJUSTED

Table with columns: LOCATION, EACH. Lists manhole adjustment locations from STA. 13+67.10, RT. to STA. 31+18.00, RT.

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

Table with columns: LOCATION, EACH. Lists manhole locations from STA. 10+41.50 to STA. 11+40.00.

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

Table with columns: LOCATION, EACH. Lists manhole locations from STA. 13+66.00 to STA. 54+67.73.

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

Table with columns: LOCATION, EACH. Lists manhole location STA. 43+78.00.

MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID

Table with columns: LOCATION, EACH. Lists manhole location STA. 55+62.00.

INLET-MANHOLE, TYPE G-1, 5'-DIAMETER, SPECIAL

Table with columns: LOCATION, EACH. Lists inlet-manhole locations STA. 17+32.00 and STA. 52+30.00.

INLETS, TYPE G-1

Table with columns: LOCATION, EACH. Lists inlet locations from STA. 10+41.50 to STA. 54+67.73.

INLETS, TYPE A, TYPE 8 GRATE

Table with columns: LOCATION, EACH. Lists inlet locations STA. 11+40.00 and STA. 14+50.00.

INLETS, TYPE A, TYPE 15 FRAME AND LID

Table with columns: LOCATION, EACH. Lists inlet location STA. 34+19.00.

REMOVING MANHOLES

Table with columns: LOCATION, EACH. Lists manhole removal locations STA. 13+56.00, STA. 17+44.00, STA. 39+83.90, STA. 43+78.00.

STORM SEWERS, CLASS B, TYPE 1 12"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer locations from STA. 11+40.00, RT. to STA. 54+67.73, LT.

STORM SEWERS, CLASS B, TYPE 1 21"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer location STA. 14+50.00, LT.

STORM SEWERS, CLASS B, TYPE 1 24"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer location STA. 15+35.53, LT.

STORM SEWERS, CLASS B, TYPE 2 12"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer locations from STA. 24+50.00, LT. to STA. 54+67.73, LT.

STORM SEWERS, CLASS B, TYPE 2 15"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer locations STA. 52+30.00, RT. and STA. 52+30.00, RT.

STORM SEWERS, CLASS B, TYPE 2 18"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer locations from STA. 10+41.50, LT. to STA. 43+78.00, LT.

STORM SEWERS, CLASS B, TYPE 2 24"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer location STA. 17+52.00, RT.

STORM SEWERS, CLASS B, TYPE 3 30"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer location STA. 27+15.00, LT.

STORM SEWERS, CLASS B, TYPE 3 24"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer location STA. 18+08.00, RT.

STORM SEWERS, CLASS B, TYPE 3 30"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer locations from STA. 26+10.00, LT. to STA. 41+72.00, LT.

STORM SEWERS, CLASS B, TYPE 3 36"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer locations from STA. 43+48.00, LT. to STA. 54+67.73, LT.

STORM SEWERS, CLASS B, TYPE 4 30"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer locations from STA. 19+50.00, LT. to STA. 54+67.73, LT.

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

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer locations from STA. 13+25.00, LT. to STA. 47+95.00, LT.

STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE 21"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer location STA. 14+93.00, LT.

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

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer location STA. 15+79.00, LT.

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

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer locations from STA. 31+42.00, RT. to STA. 31+42.00, RT.

STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE 21"

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer location STA. 13+56.00, LT.

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

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer locations from STA. 16+25.00, LT. to STA. 17+32.00, RT.

STORM SEWER REMOVAL

Table with columns: LOCATION, FOOT, TBF CU YD. Lists storm sewer removal locations from STA. 13+25.00, LT. to STA. 54+51.00, LT.

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CONCRETE

Table with 7 columns: 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.).

BITUMINOUS MATERIALS

Table with 6 columns: LOCATION, AGGREGATE BASE COURSE, TYPE A (8") (TON), BITUMINOUS MATERIALS (PRIME COAT) (GAL), AGGREGATE PRIME COAT (TON), HOT-MIX ASPHALT BINDER COURSE, IL-19.0, NS0 (TON), HOT-MIX ASPHALT SURFACE COURSE, MIX "C", NS0 (TON).

CLASS C PATCHES, TYPE I (6.5")

Table with 3 columns: LOCATION, SQ YD, AGGREGATE BASE COURSE, TYPE A 4" (TON).

CLASS C PATCHES, TYPE II (6.5")

Table with 3 columns: LOCATION, SQ YD, AGGREGATE BASE COURSE, TYPE A 4" (TON).

CLASS C PATCHES, TYPE III (6.5")

Table with 3 columns: LOCATION, SQ YD, AGGREGATE BASE COURSE, TYPE A 4" (TON).

CLASS C PATCHES, TYPE IV (6.5")

Table with 3 columns: LOCATION, SQ YD, AGGREGATE BASE COURSE, TYPE A 4" (TON).

EPOXY PAVEMENT MARKING - LINE 4"

Table with 2 columns: LOCATION, FOOT.

EPOXY PAVEMENT MARKING - LINE 12"

Table with 2 columns: LOCATION, FOOT.

TEMPORARY RAMP

Table with 2 columns: LOCATION, SQ. YD.

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH

Table with 5 columns: LOCATION, WIDTH (FOOT), WIDTH @ CURB (FOOT), LENGTH (FOOT), SQ YD.

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

Table with 5 columns: LOCATION, WIDTH (FOOT), WIDTH @ CURB (FOOT), LENGTH (FOOT), SQ YD.

DRIVEWAY PAVEMENT REMOVAL

Table with 2 columns: LOCATION, SQ YD.

DETECTABLE WARNINGS

Table with 2 columns: LOCATION, SQ FT.

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH

Table with 3 columns: LOCATION, SQ FT.

PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH

Table with 3 columns: LOCATION, SQ FT.

PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH

Table with 3 columns: LOCATION, SQ FT.

CONCRETE STEPS

Table with 2 columns: LOCATION, SQ FT.

CONCRETE CURB AND GUTTER OUTLET SPECIAL

Table with 2 columns: LOCATION, EACH.

SIDEWALK REMOVAL

Table with 3 columns: LOCATION, SQ FT.

BRICK PAVER REMOVAL AND REPLACEMENT

Table with 2 columns: LOCATION, SQ FT.

CONCRETE HEADER BAND

Table with 2 columns: LOCATION, FOOT.

HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"

Table with 2 columns: LOCATION, SY.

Project information block including: FILE NAME, USER NAME, DESIGNED, DRAWN, PLOT SCALE, PLOT DATE, STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION, CITY OF HAVANA - BROADWAY STREET SCHEDULE OF QUANTITIES, SCALE, SHEET NO., OF SHEETS, STA. 10+37 TO STA. 55+75, F.A. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. 93502.

0081364_Schd-Quant.dgn 11:36:08 AM 9/29/2009 10:30:12 AM

WATER SERVICE LINE 1"

LOCATION	FOOT
STA. 10+93.00, LT.	17
STA. 11+61.50, LT.	16
STA. 11+67.50, LT.	16
STA. 12+93.00, LT.	16
STA. 12+96.50, LT.	16
STA. 14+00.00, LT.	7
STA. 14+43.50, LT.	7
STA. 15+42.00, LT.	7
STA. 17+26.00, RT.	14
STA. 18+00.00, RT.	12
STA. 18+94.00, RT.	15
STA. 19+47.50, RT.	27
STA. 19+82.50, RT.	15
STA. 21+08.00, RT.	22
STA. 21+55.00, RT.	26
STA. 22+25.00, RT.	16
STA. 25+22.00, RT.	15
STA. 25+88.50, RT.	14
STA. 26+52.00, RT.	19
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	384

WATER SERVICE LINE 1", BORED

LOCATION	FOOT
STA. 11+26.50, RT.	47
STA. 11+72.00, RT.	58
STA. 12+58.00, RT.	57
STA. 14+32.50, RT.	53
STA. 15+04.00, RT.	53
STA. 15+91.50, RT.	53
STA. 16+48.00, RT.	60
STA. 18+04.00, LT.	65
STA. 18+67.00, LT.	64
STA. 19+33.50, LT.	62
STA. 20+34.50, LT.	59
STA. 21+23.50, LT.	60
STA. 21+64.50, LT.	71
STA. 21+83.50, LT.	72
STA. 22+69.50, LT.	64
STA. 24+08.50, LT.	65
STA. 24+86.00, LT.	65
STA. 25+97.00, LT.	64
STA. 26+62.50, LT.	64
STA. 27+03.00, LT.	64
STA. 28+17.00, LT.	65
STA. 29+23.00, LT.	65
TOTAL	1,350

TAPPING VALVES AND SLEEVES, 10" x 8"

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

MJ CAPS, 4"

LOCATION	EACH
STA. 10+39.00, 17.0' RT.	1
STA. 23+67.50, 25.0' RT.	1
STA. 23+79.50, 19.0' RT.	1
STA. 31+96.00, 16.5' RT.	1
TOTAL	4

MJ CAPS, 8"

LOCATION	EACH
STA. 10+32.00, 33.0' LT.	1
TOTAL	1

WATER MAIN 8"

LOCATION	FOOT	TRENCH BACKFILL WATERMAIN (FOOT)
STA. 10+00.00 TO STA. 13+60.64	230	105
STA. 16+60.64 TO STA. 16+89.47	339	185
STA. 16+89.47 TO STA. 23+68.21	694	240
STA. 23+68.21 TO STA. 27+63.63	395	395
STA. 27+63.63 TO STA. 32+00.00	434	434
TOTAL	2,092	1,359

WATER SERVICE CONNECTION 1"

LOCATION	EACH
STA. 10+93.00, LT.	1
STA. 11+26.50, RT.	1
STA. 11+61.50, LT.	1
STA. 11+67.50, LT.	1
STA. 11+72.00, RT.	1
STA. 12+58.00, RT.	1
STA. 12+93.00, LT.	1
STA. 12+96.50, LT.	1
STA. 14+00.00, LT.	1
STA. 14+32.50, RT.	1
STA. 14+43.50, LT.	1
STA. 15+04.00, RT.	1
STA. 15+42.00, LT.	1
STA. 15+91.50, RT.	1
STA. 16+48.00, RT.	1
STA. 17+26.00, RT.	1
STA. 18+00.00, RT.	1
STA. 18+04.00, LT.	1
STA. 18+67.00, LT.	1
STA. 18+94.00, RT.	1
STA. 19+33.50, LT.	1
STA. 19+47.50, RT.	1
STA. 19+82.50, RT.	1
STA. 20+34.50, LT.	1
STA. 21+08.00, RT.	1
STA. 21+23.50, LT.	1
STA. 21+55.00, RT.	1
STA. 21+64.50, LT.	1
STA. 21+83.50, LT.	1
STA. 22+25.00, RT.	1
STA. 22+69.50, LT.	1
STA. 24+08.50, LT.	1
STA. 24+86.00, LT.	1
STA. 25+97.00, LT.	1
STA. 26+62.50, LT.	1
STA. 27+03.00, LT.	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	45

FIRE HYDRANTS TO BE REMOVED

LOCATION	EACH
STA. 13+90.00, 24.0' RT.	1
STA. 17+12.50, 24.0' RT.	1
STA. 24+01.50, 37.0' RT.	1
STA. 27+98.50, 39.0' LT.	1
TOTAL	4

FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX

LOCATION	EACH
STA. 10+66.50, 33.0' LT.	1
STA. 13+60.00, 27.0' LT.	1
STA. 17+32.00, 36.5' RT.	1
STA. 20+15.00, 33.0' RT.	1
STA. 24+06.00, 26.0' RT.	1
STA. 27+87.00, 23.0' RT.	1
TOTAL	6

GATE VALVES, 8"

LOCATION	EACH
STA. 10+50.00, 33.0' LT.	1
STA. 13+37.00, 21.0' LT.	1
STA. 17+35.10, 36.5' RT.	1
STA. 23+70.50, 26.0' RT.	1
STA. 27+83.40, 23.0' RT.	1
TOTAL	5

HORIZONTAL DIRECTIONAL DRILL, 8" WATERMAIN

LOCATION	EACH
STA. 11+21.50, LT. TO STA. 12+26.50, LT.	105
TOTAL	105

CASING PIPE

LOCATION	EACH
STA. 17+09.00, RT. TO STA. 17+25.00, RT.	21
TOTAL	21

DUCTILE IRON WATER MAIN FITTINGS, 8" - 45 DEGREE BEND

LOCATION	EACH
STA. 10+61.00, 33.0' LT.	1
STA. 10+76.50, 20.0' LT.	1
STA. 16+65.00, 22.0' LT.	1
STA. 17+23.50, 36.0' RT.	1
STA. 23+65.00, 34.0' RT.	1
STA. 23+68.00, 37.0' RT.	1
TOTAL	6

DUCTILE IRON WATER MAIN TEE, 8" X 8"

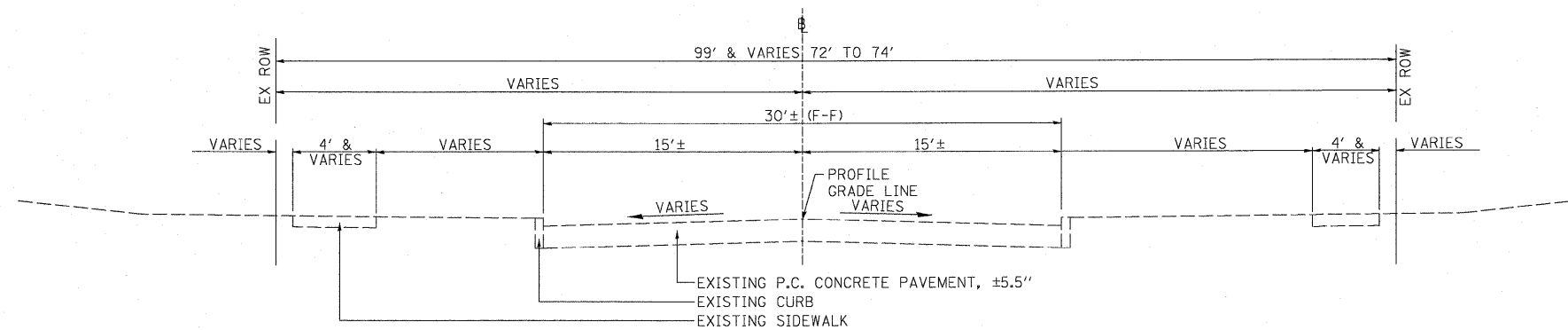
LOCATION	EACH
STA. 23+65.00, 32.0' RT.	1
TOTAL	1

CONNECTION TO EXISTING WATERMAIN

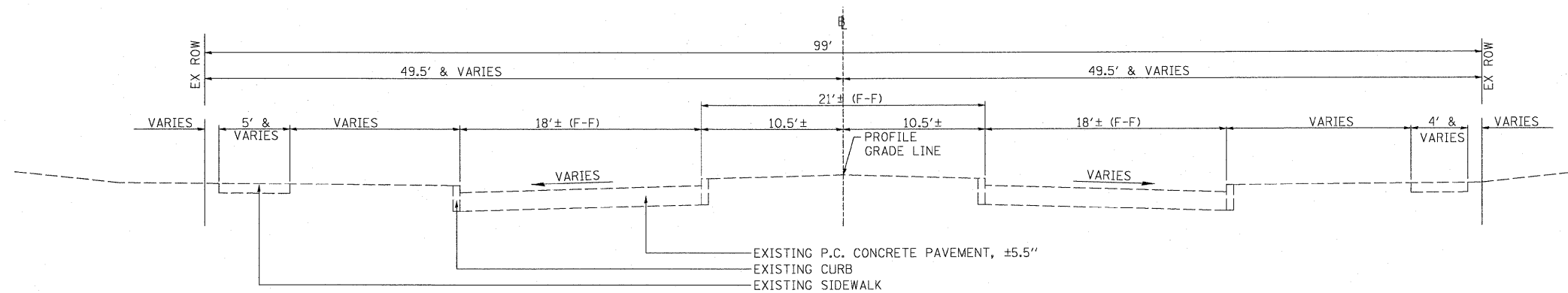
LOCATION	EACH
STA. 23+72.00, 30.5' RT.	1
STA. 31+99.50, 23.0' RT.	1
TOTAL	2

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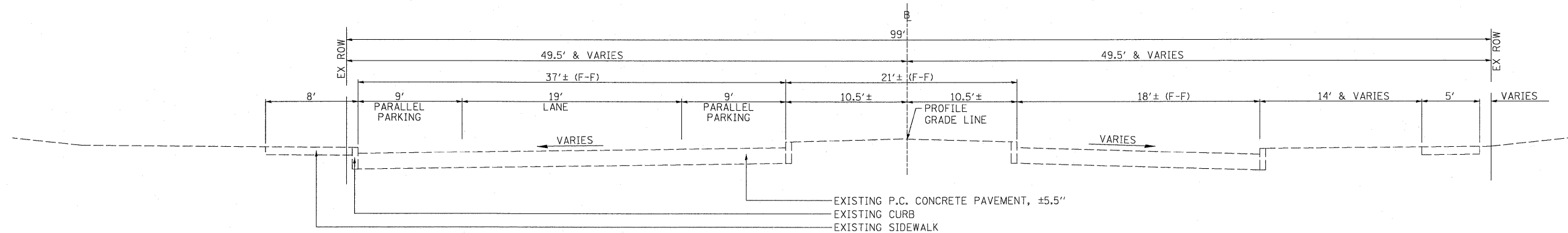
**BROADWAY STREET
EXISTING TYPICAL SECTION**
STA 10+37 TO STA 23+25
(US ROUTE 136 (DEARBORN STREET) TO WASHINGTON STREET)



**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)

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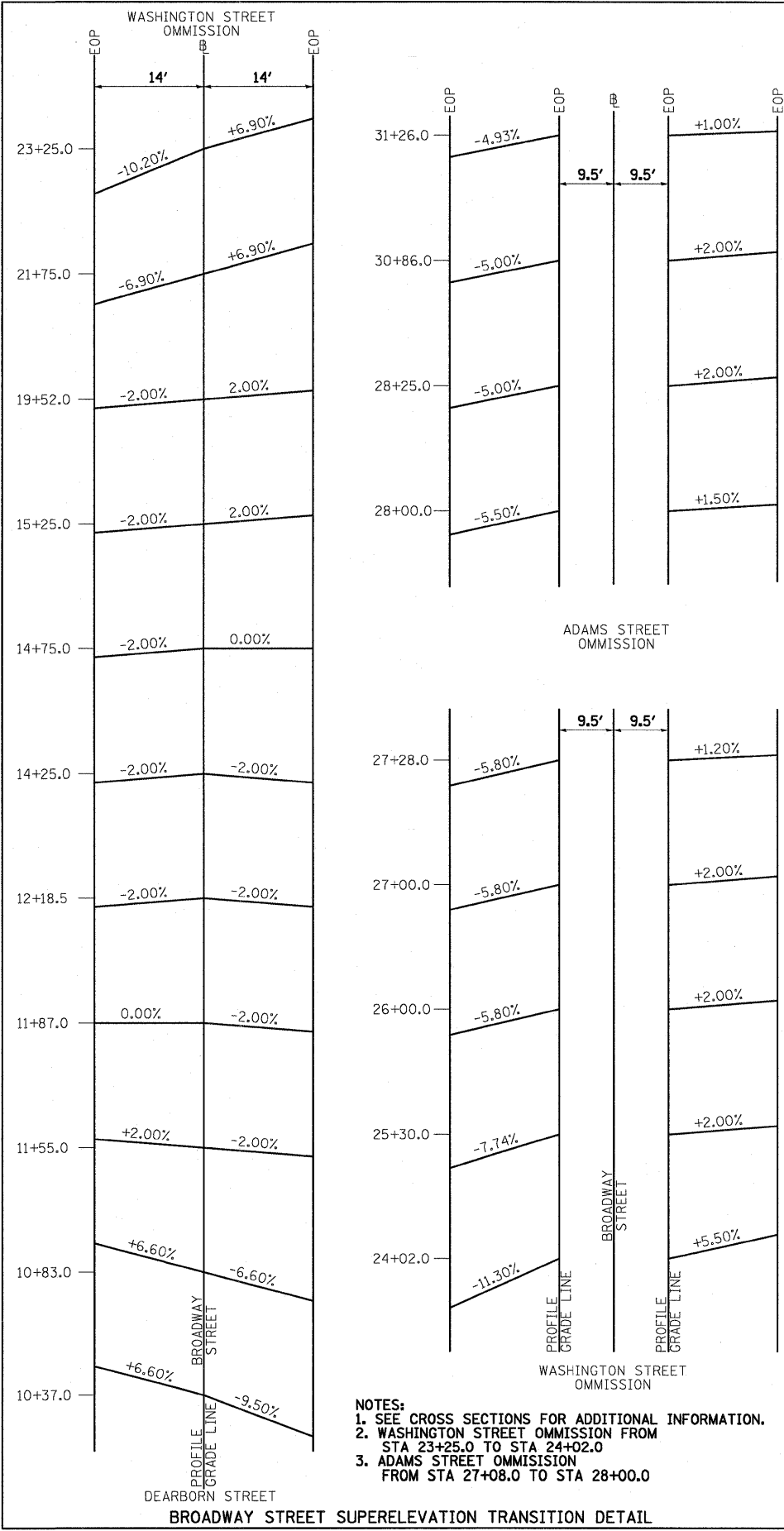
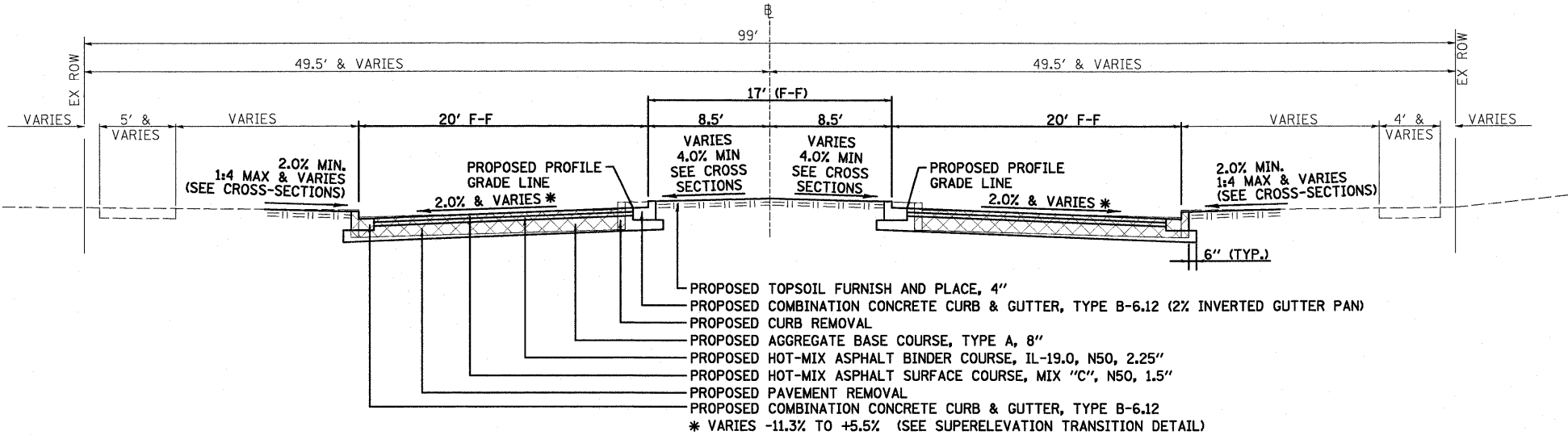
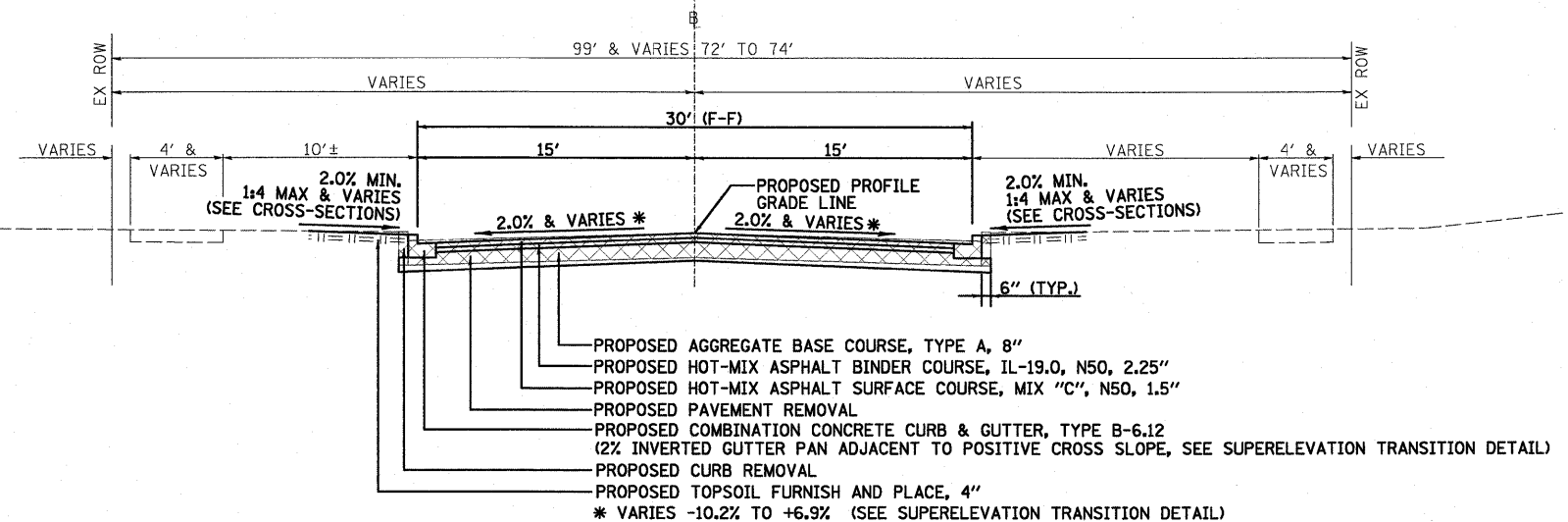
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		DATE - 09/29/09	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

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PLOT DATE = 9/28/2009 10:44:59 AM		DATE - 09/29/09	REVISED -									



NOTES:
 1. SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION.
 2. WASHINGTON STREET OMISSION FROM STA 23+25.0 TO STA 24+02.0
 3. ADAMS STREET OMISSION FROM STA 27+08.0 TO STA 28+00.0

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	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

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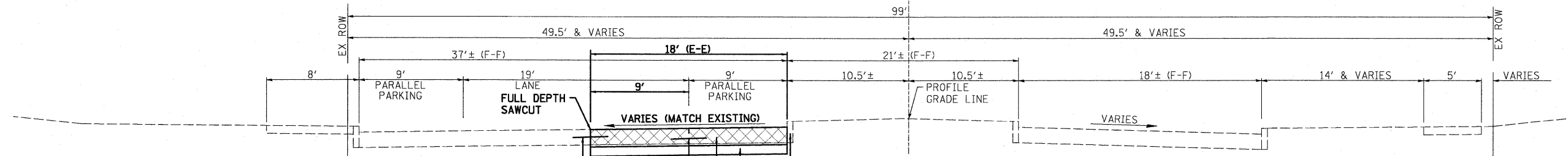
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REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

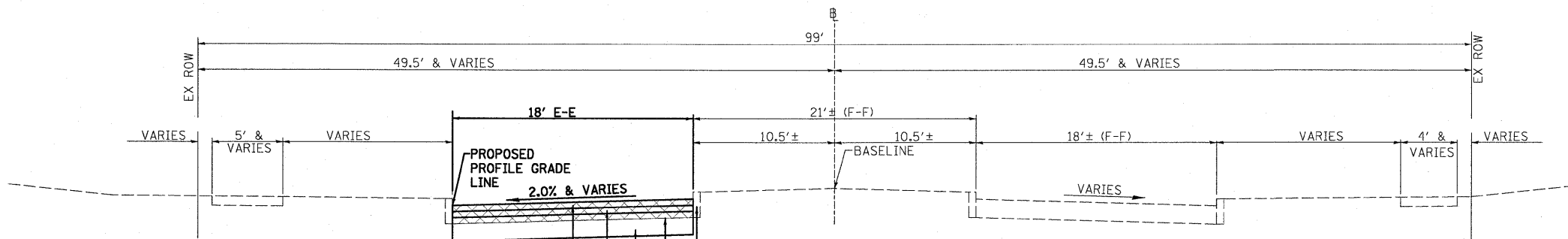
SCALE: N.T.S. SHEET NO. OF SHEETS STA. 10+37 TO STA. 31+11

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	9
FED. ROAD DIST. NO.	ILLINOIS/FED. AID PROJECT		CONTRACT No. 93502	



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

- EXISTING CURB TO REMAIN (TYP.) (SEE NOTE 4)
- 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/24" *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)**

- EXISTING CURB TO REMAIN (TYP.) (SEE NOTE 4)
- 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"

NOTES:

1. 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.
2. 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.

3. 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.

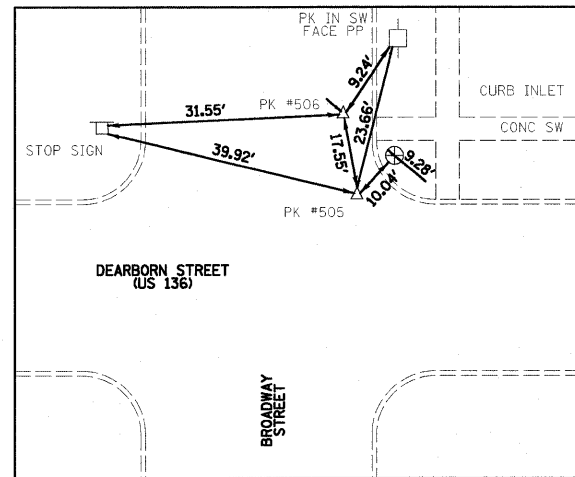
STRUCTURAL DESIGN DATA:

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

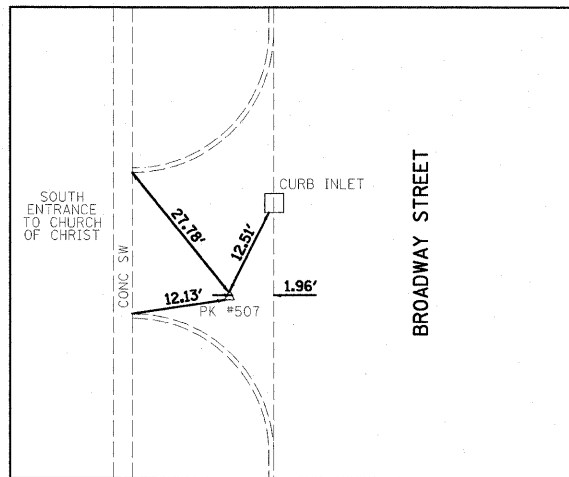
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE	HOT-MIX ASPHALT BINDER COURSE
AC/PG:	PG 64-22 (N50)	PG 64-22 (N50)
RAP % (MAX):	15%	15%
DESIGN AIR VOIDS	4.0% AT Ndes = 50	4.0% AT Ndes = 50
MIXTURE CONDITION: (GRADUATION MIXTURE)	IL-9.5	IL-19.0
FRICTION AGGREGATE	MIX C	N/A

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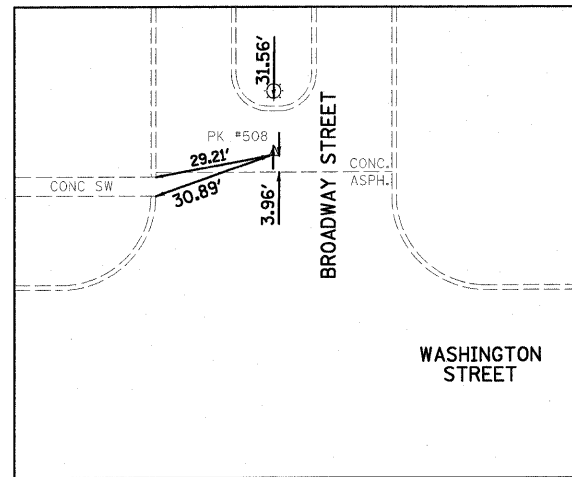
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		DRAWN - JTC	REVISED -				05-00035-00-SS	MASON	60	10	
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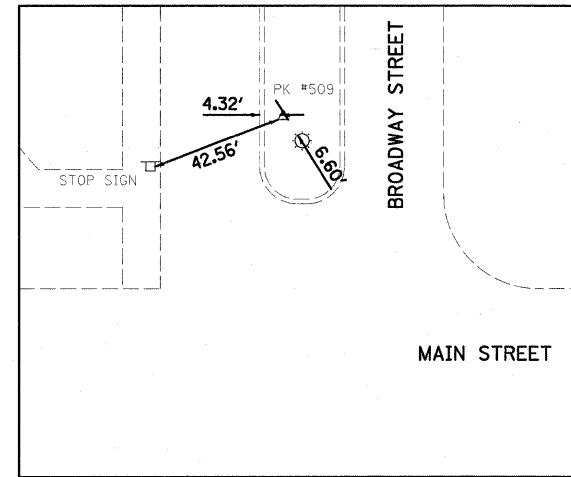
PK #505 / N 1321045.425 / E 2326106.763
 STA. 10+19.22 / 13.48' RT
 PK #506 / N 1321062.931 / E 2326105.044
 STA. 10+36.71 / 11.62' RT



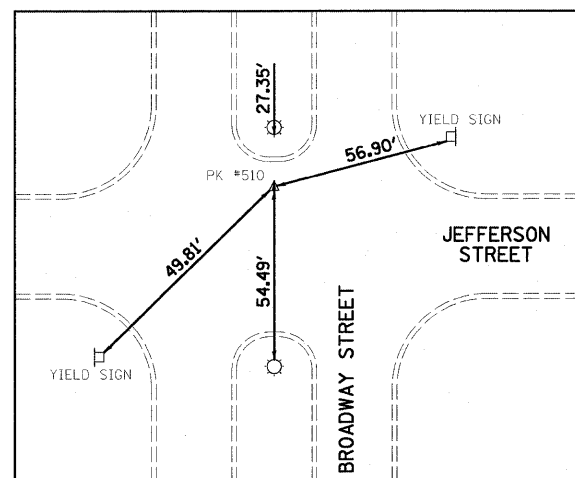
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 STA. 15+78.10 / 17.61' LT



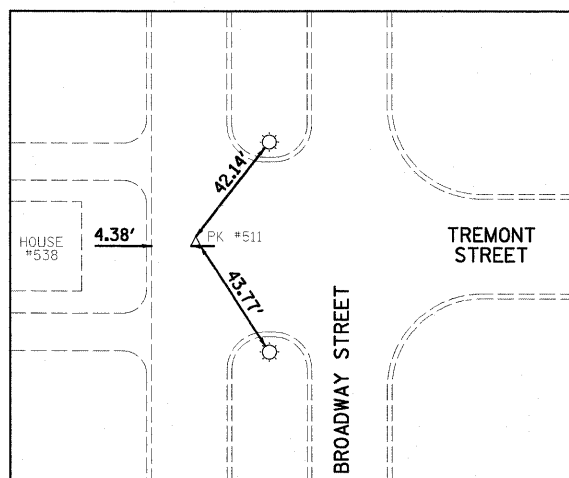
PK #508 / N 1322434.953 / E 2326109.530
 STA. 24+08.67 / 0.91' LT



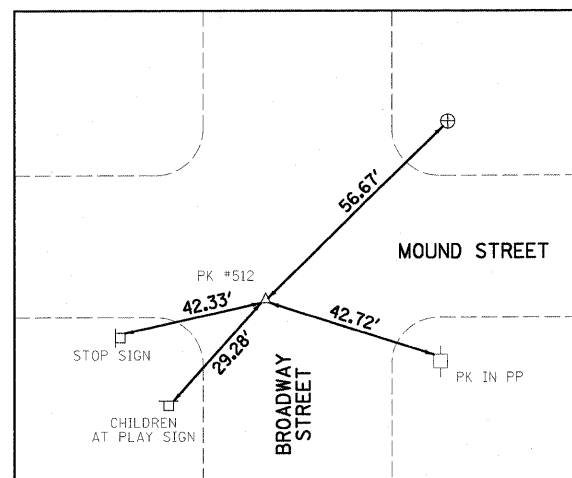
PK #509 / N 1323273.638 / E 2326103.246
 STA. 32+47.36 / 6.28' LT



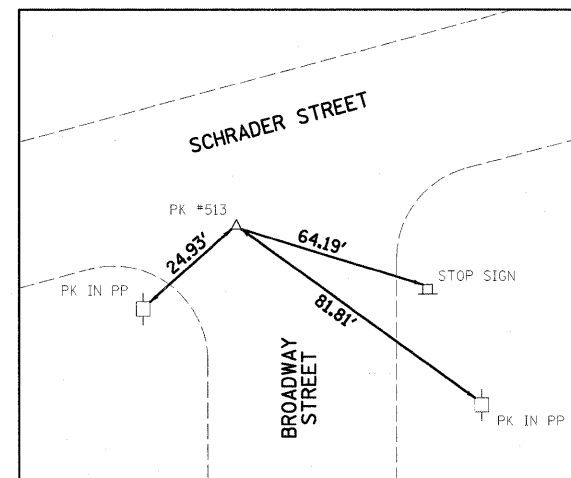
PK #510 / N 1324026.182 / E 2326104.215
 STA. 39+99.92 / 3.55' LT



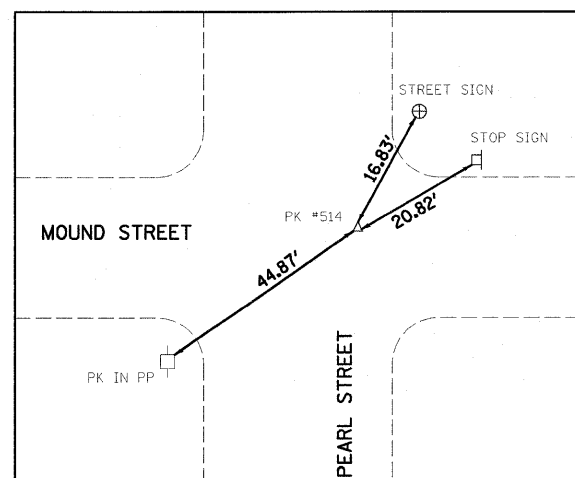
PK #511 / N 1325237.068 / E 2326079.477
 STA. 52+10.86 / 23.96' LT



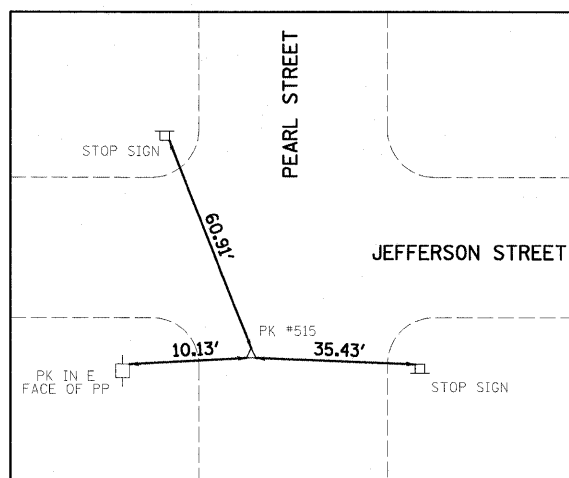
PK #512 / N 1325984.764 / E 2326096.714
 STA. 59+58.47 / 9.15' LT



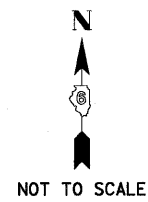
PK #513 / N 1326672.200 / E 2326092.056
 STA. 66+45.88 / 16.13' LT



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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FILE NAME =
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USER NAME =
 PLOT SCALE =
 PLOT DATE = 9/28/2009 10:45:01 AM

DESIGNED - PSA
 DRAWN - JTC/BAB
 CHECKED - ERB/RDY
 DATE - 09/29/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET
CONTROL POINT TIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	11
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BENCHMARKS:

1. STA 2401.0, 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. STEVE VESTAL 700 JERSEY STREET P.O. BOX 1089 QUINCY, IL 62306 (217) 221-0810	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
- RIGHT OF WAY LINE
- CENTERLINE
- - - PROPERTY LINE
- CONTOUR
- - - FENCE
- BUILDING
- SANITARY SEWER
- STORM SEWER
- WATER MAIN
- OVERHEAD ELECTRIC
- GAS MAIN
- UNDERGROUND TELEPHONE

PROPOSED

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

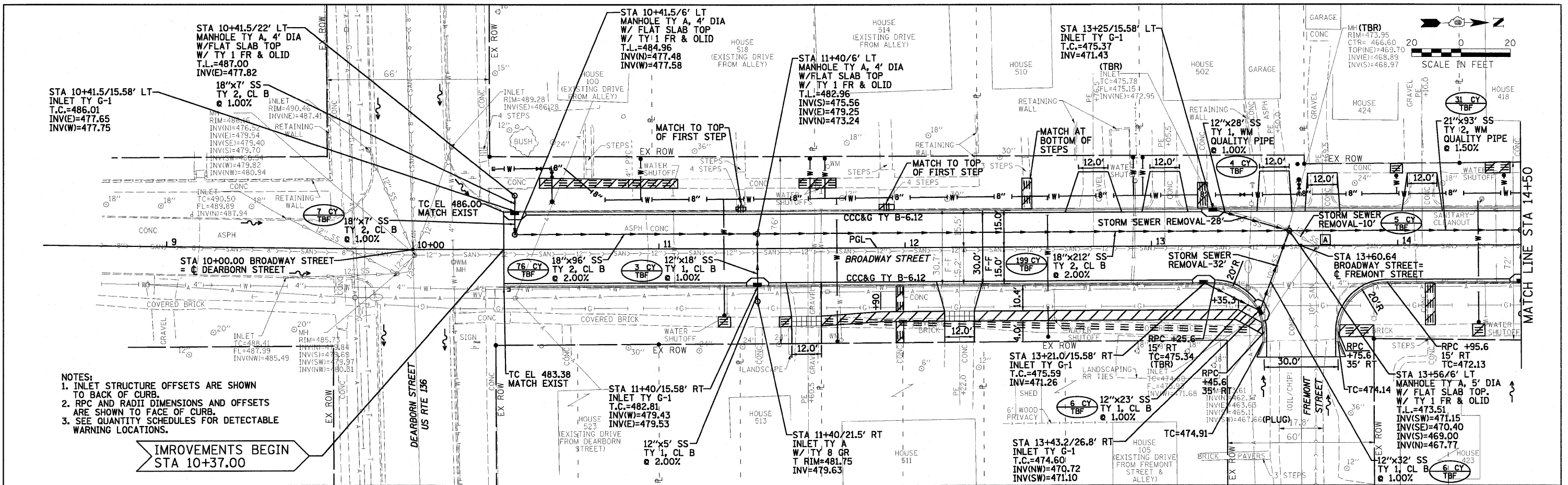
**CITY OF HAVANA - BROADWAY STREET
BENCHMARKS, LEGEND AND PLAN NOTES**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	12
CONTRACT NO. 93502				
SCALE: N.T.S.		SHEET NO. OF SHEETS		STA. 10+37 TO STA. 55+75
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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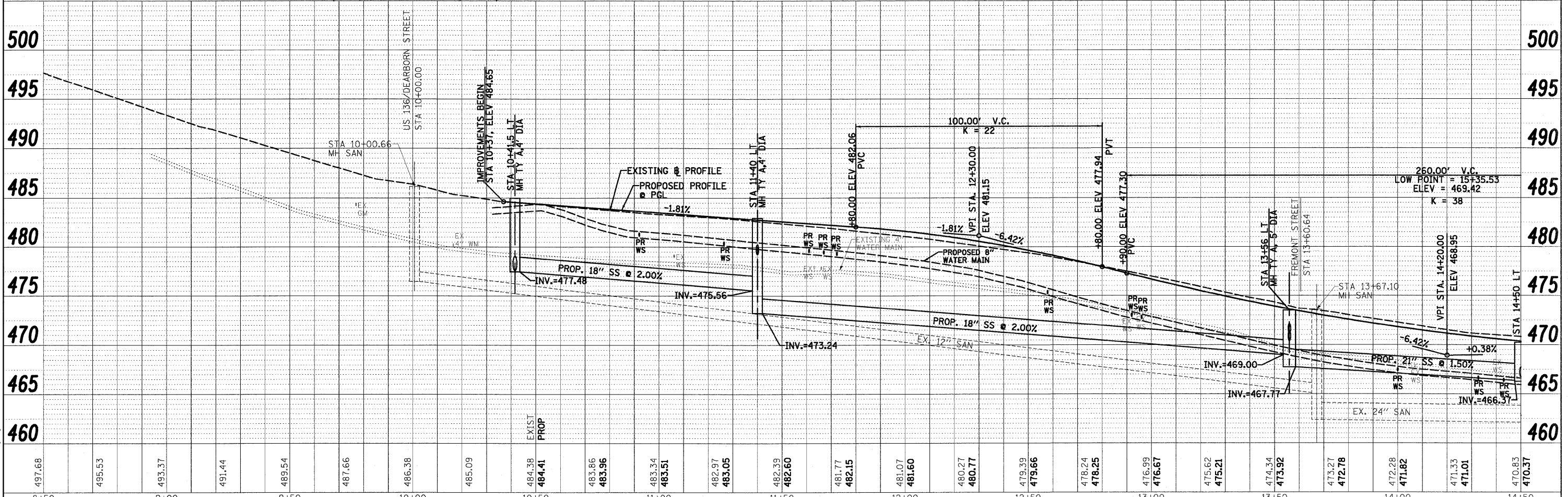
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NOTES:
1. INLET STRUCTURE OFFSETS ARE SHOWN TO BACK OF CURB.
2. RPC AND RADII DIMENSIONS AND OFFSETS ARE SHOWN TO FACE OF CURB.
3. SEE QUANTITY SCHEDULES FOR DETECTABLE WARNING LOCATIONS.

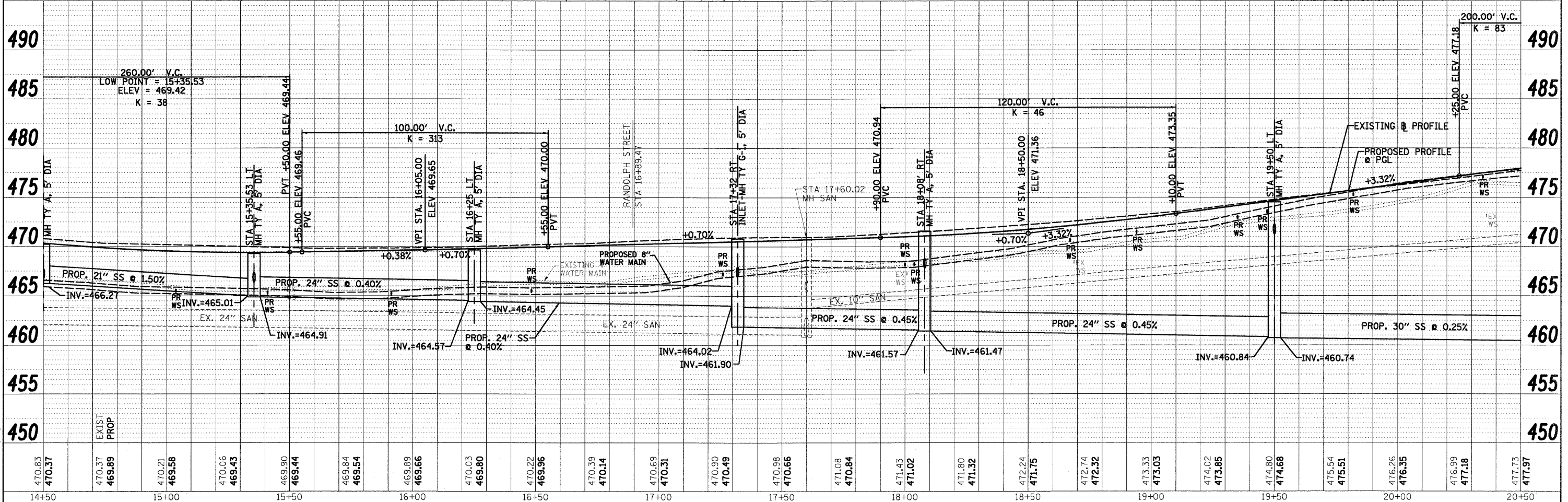
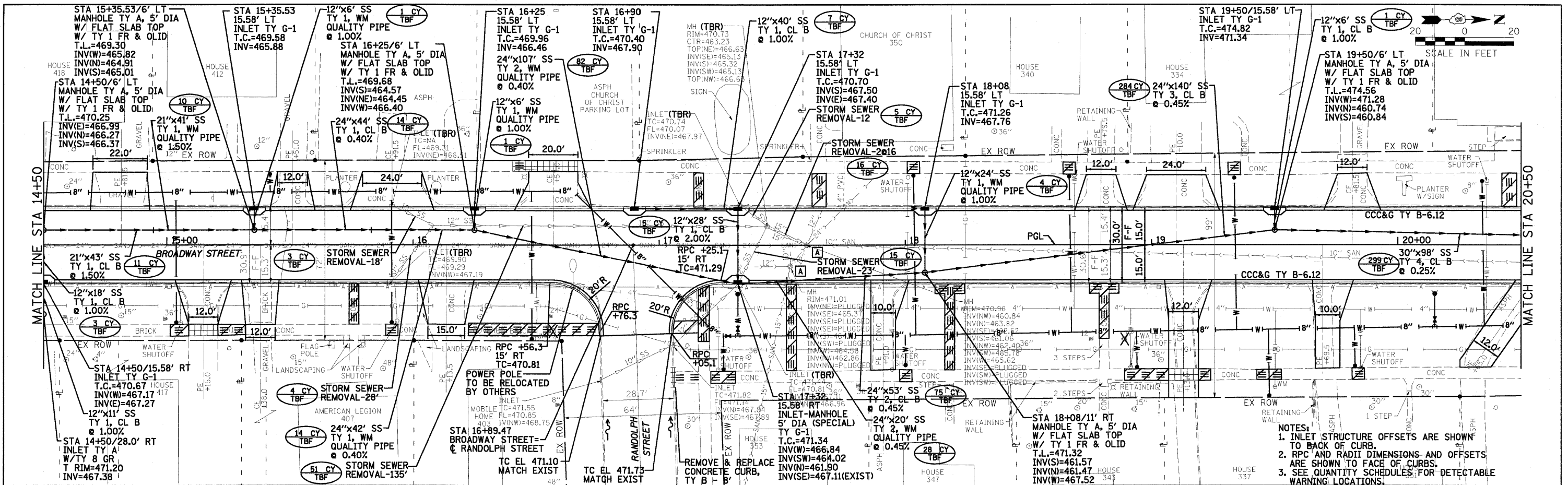
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2	ALIGNMENT CHECKED
3	GRADES CHECKED
4	NOTES CHECKED
5	STRUCTURE NOTATIONS CHECKED
6	FILE NAME

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1	ISSUED FOR CONSTRUCTION
2	ALIGNMENT CHECKED
3	GRADES CHECKED
4	NOTES CHECKED
5	STRUCTURE NOTATIONS CHECKED
6	FILE NAME



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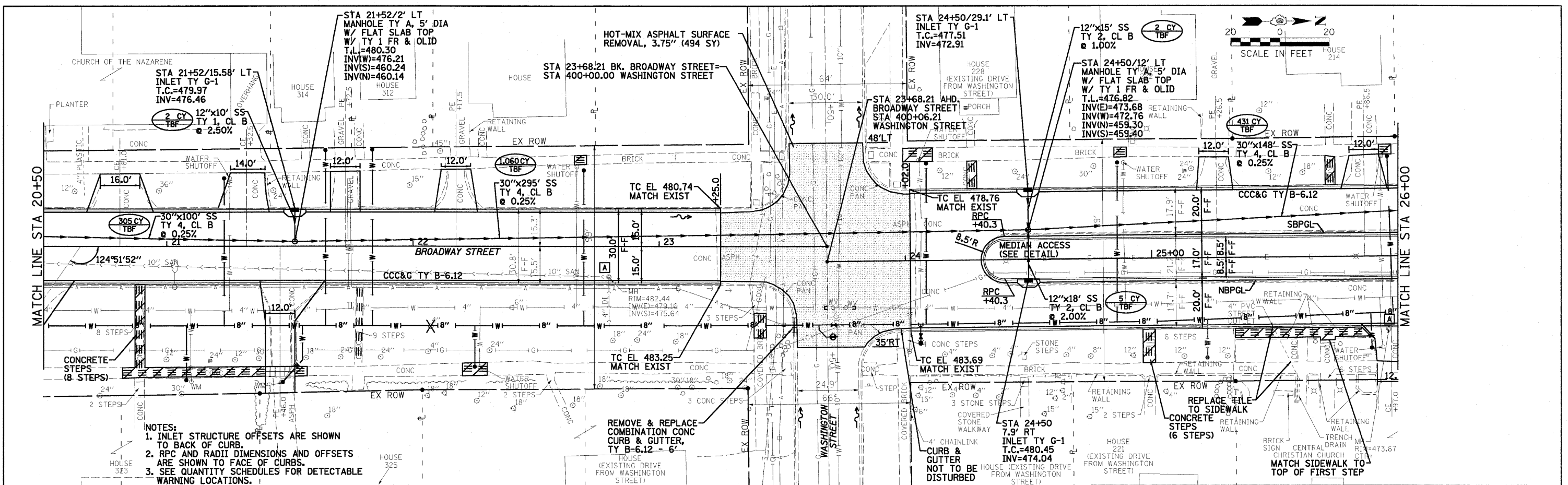
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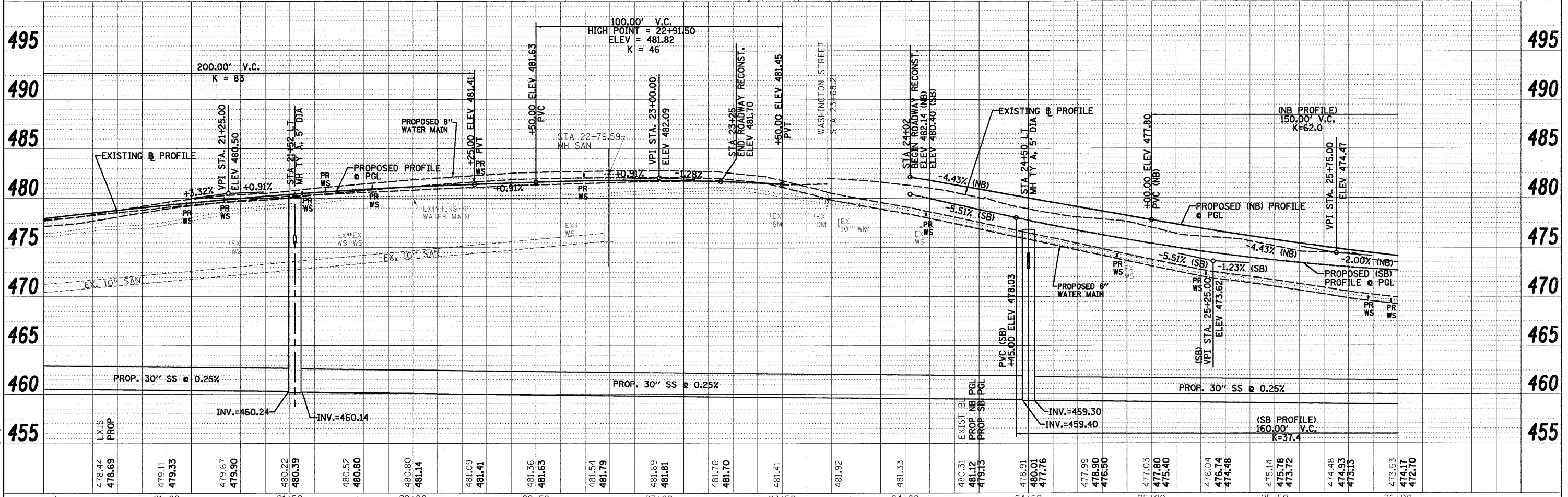
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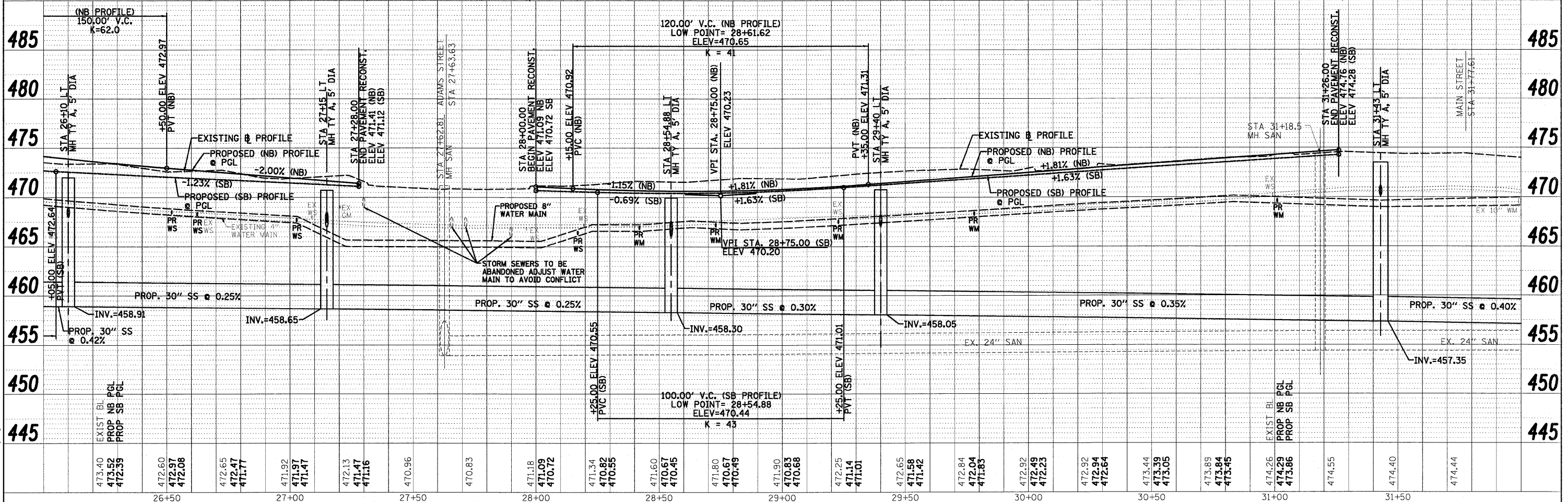
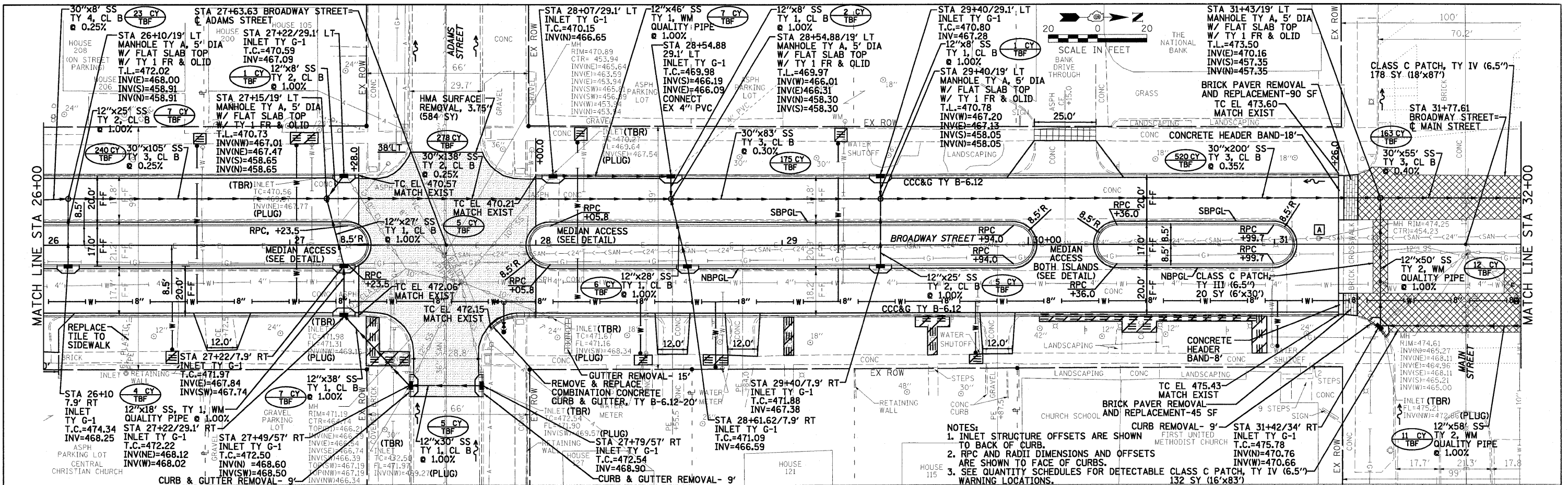
- NOTES:
1. INLET STRUCTURE OFFSETS ARE SHOWN TO BACK OF CURB.
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 3. SEE QUANTITY SCHEDULES FOR DETECTABLE WARNING LOCATIONS.



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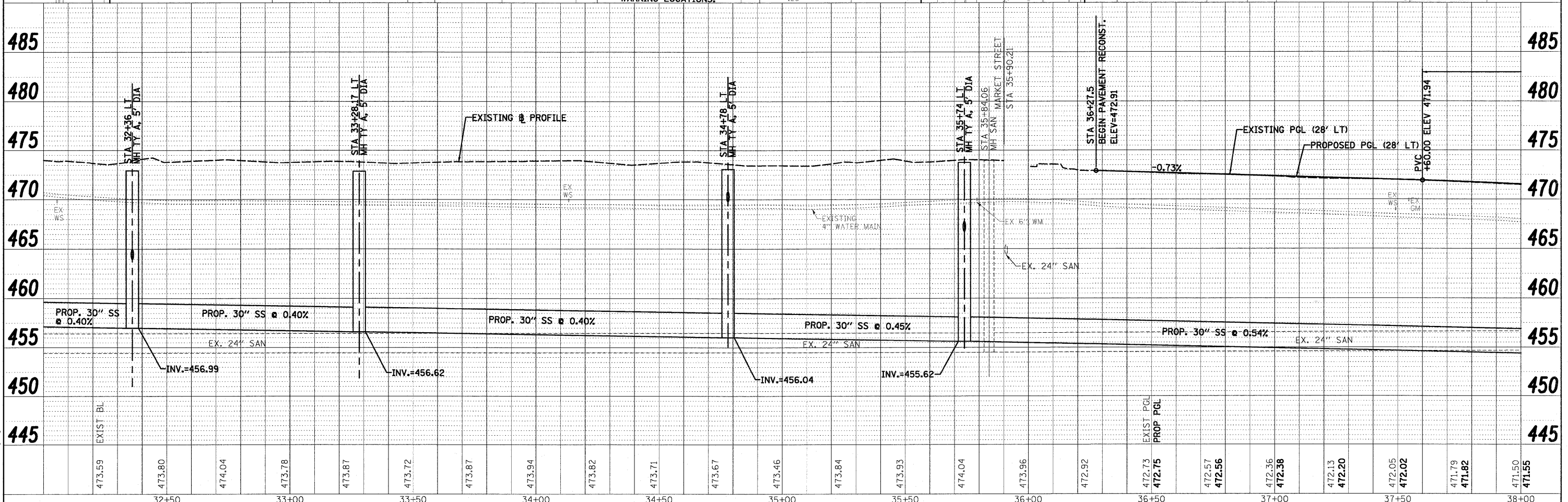
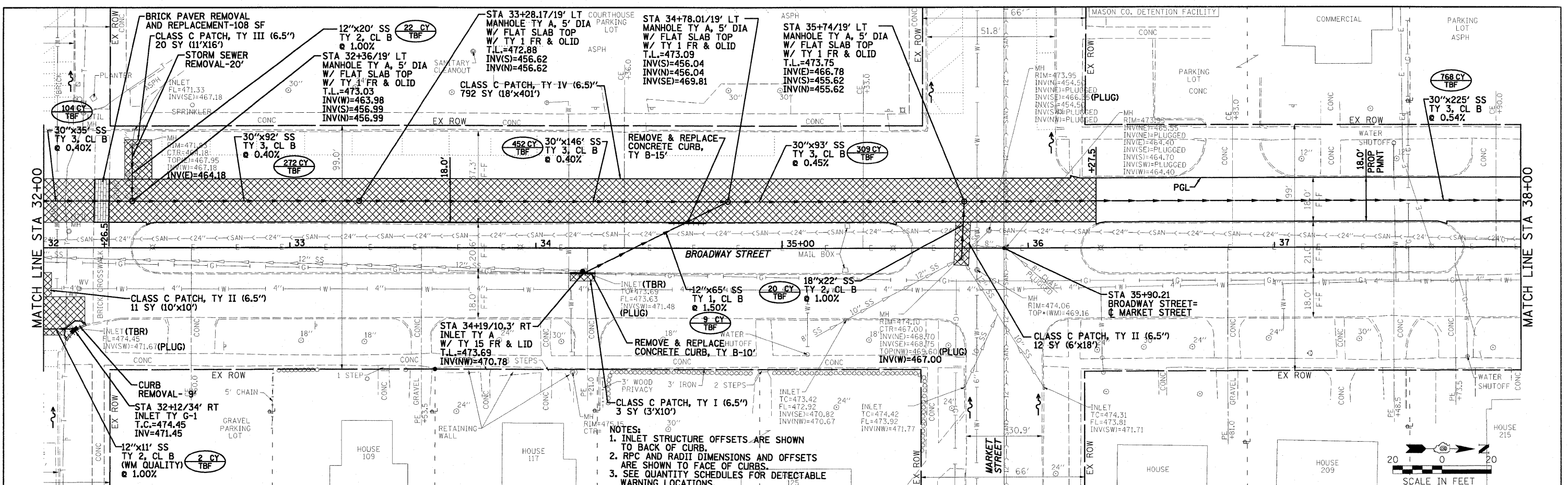
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PLOT DATE = 9/29/2009 7:16:23 AM	DATE = 09/29/09	REVISOR -	309689-9888 7 309689-9820 FAX							

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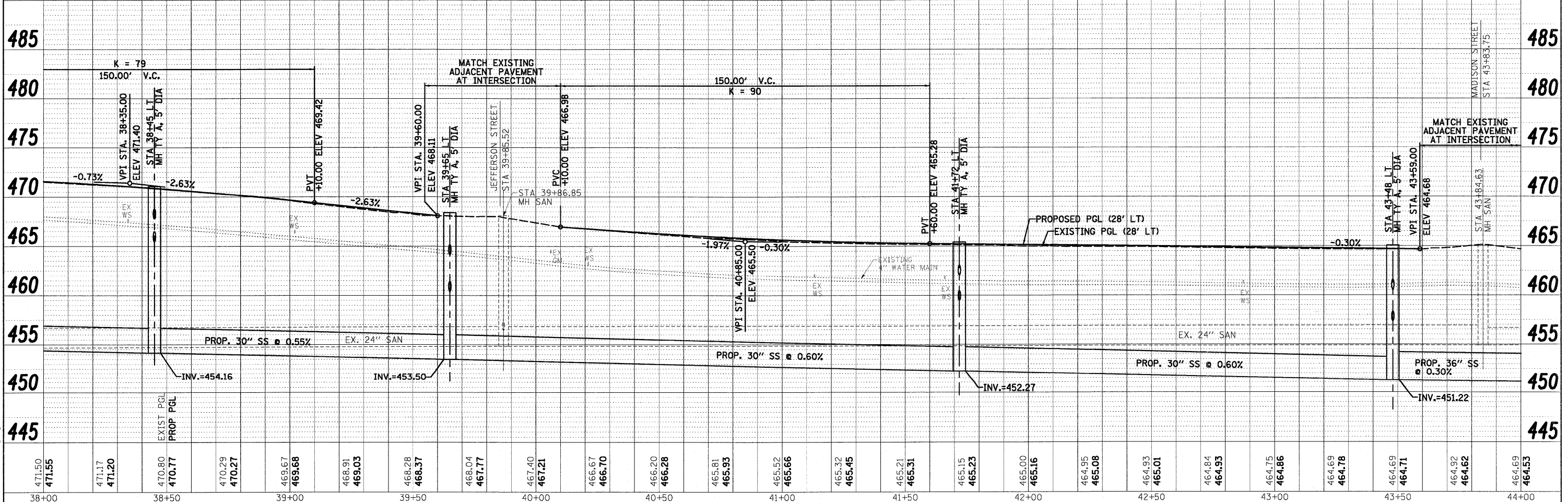
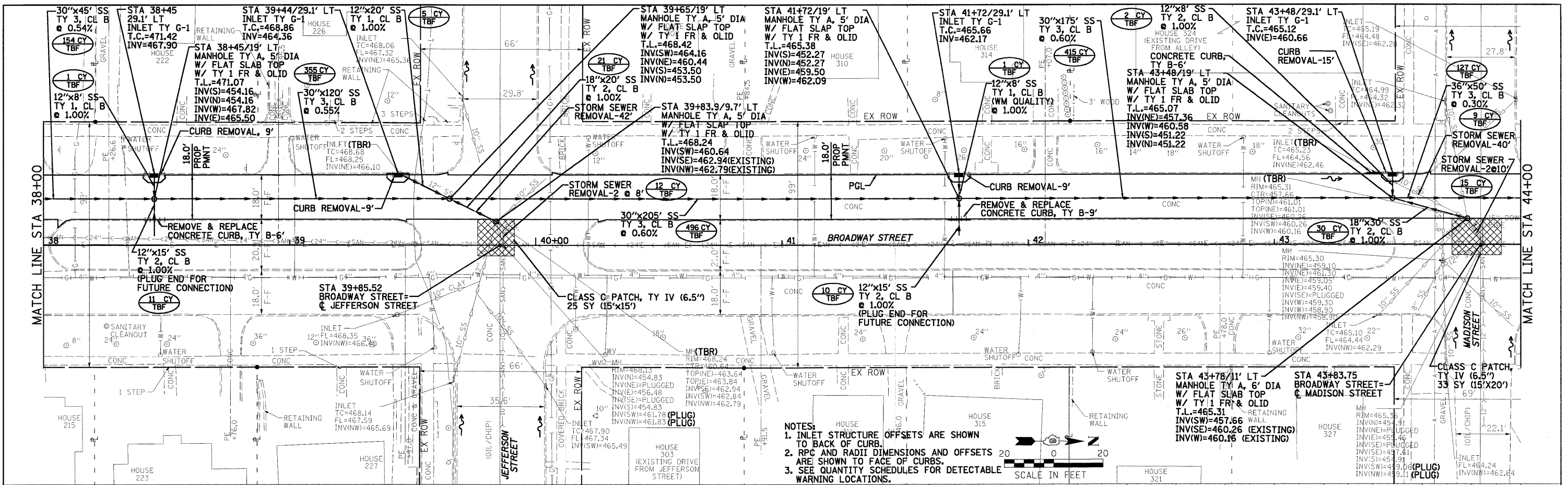


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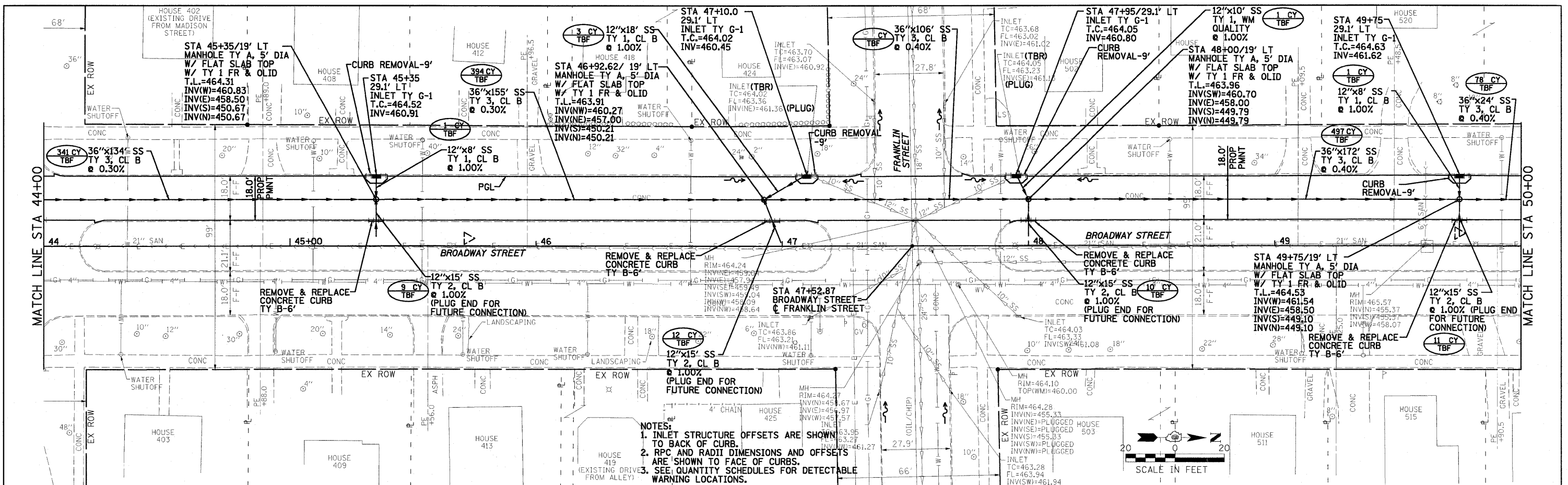
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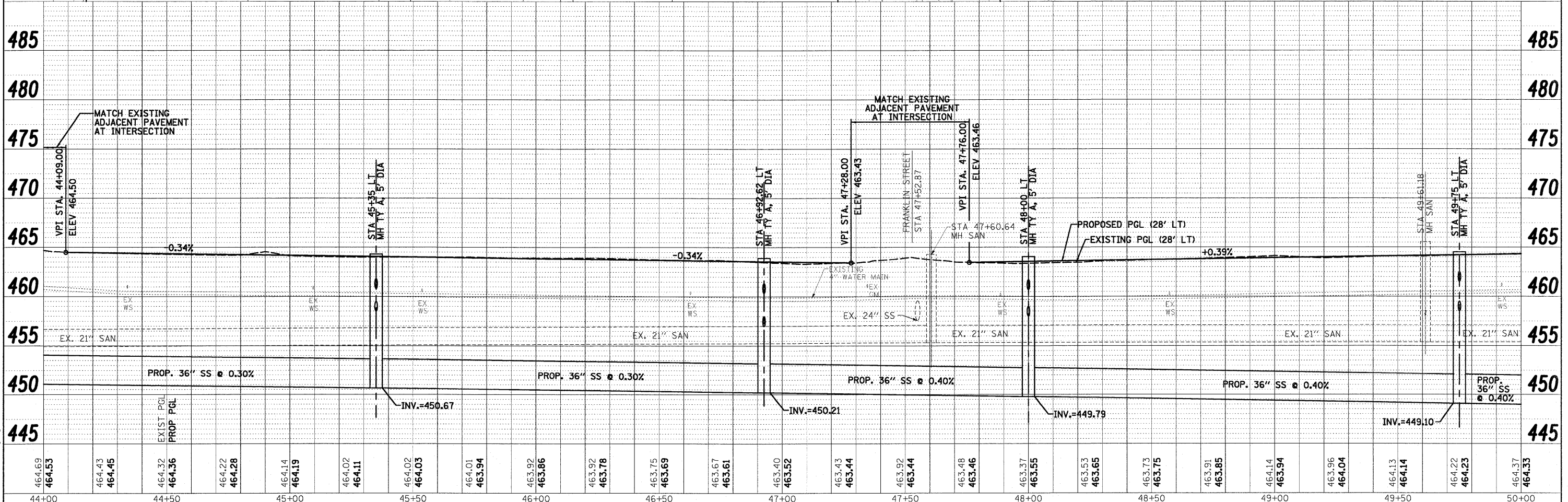
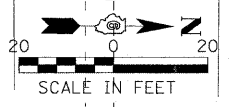
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NOTES:
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 2. RPC AND RADII DIMENSIONS AND OFFSETS ARE SHOWN TO FACE OF CURBS.
 3. SEE QUANTITY SCHEDULES FOR DETECTABLE WARNING LOCATIONS.



44+00	44+50	45+00	45+50	46+00	46+50	47+00	47+50	48+00	48+50	49+00	49+50	50+00																																					
464.69	464.53	464.43	464.45	464.32	464.36	464.22	464.28	464.14	464.19	464.02	464.11	464.02	464.03	464.01	463.94	463.92	463.86	463.92	463.78	463.75	463.69	463.67	463.61	463.40	463.52	463.43	463.44	463.92	463.44	463.48	463.46	463.37	463.55	463.53	463.65	463.73	463.75	463.91	463.85	464.14	463.94	463.96	464.04	464.13	464.14	464.22	464.23	464.37	464.33

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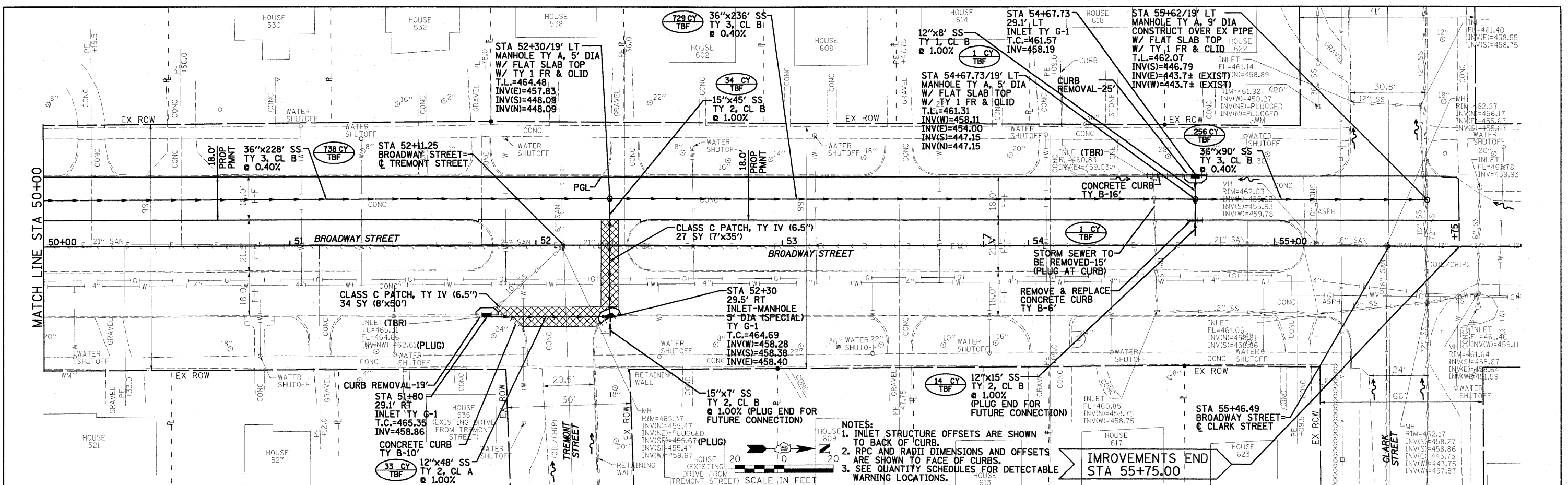
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DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET			
PLAN & PROFILE			
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 93502				
ILLINOIS FED. AID PROJECT				

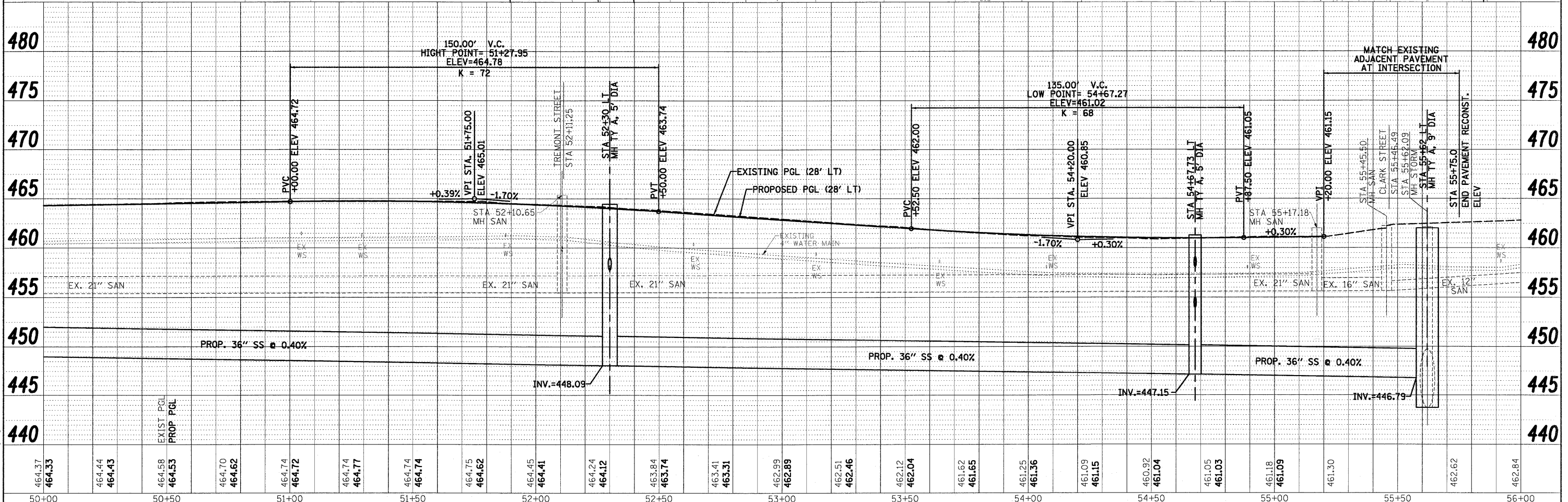
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DATE	
BY	
PLAN	
NO.	
DATE	
BY	
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DATE	
BY	
PLAN	
NO.	



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.

IMPROVEMENTS END STA 55+75.00



464.37	464.33	464.44	464.43	464.58	464.53	464.70	464.62	464.74	464.72	464.74	464.77	464.74	464.74	464.75	464.62	464.45	464.41	464.24	464.12	463.84	463.74	463.41	463.31	462.99	462.89	462.51	462.46	462.12	462.04	461.62	461.65	461.25	461.36	461.09	461.15	460.92	461.04	461.05	461.03	461.18	461.09	461.30	462.62	462.84			
50+00				50+50				51+00				51+50				52+00				52+50				53+00				53+50				54+00				54+50				55+00				55+50			56+00

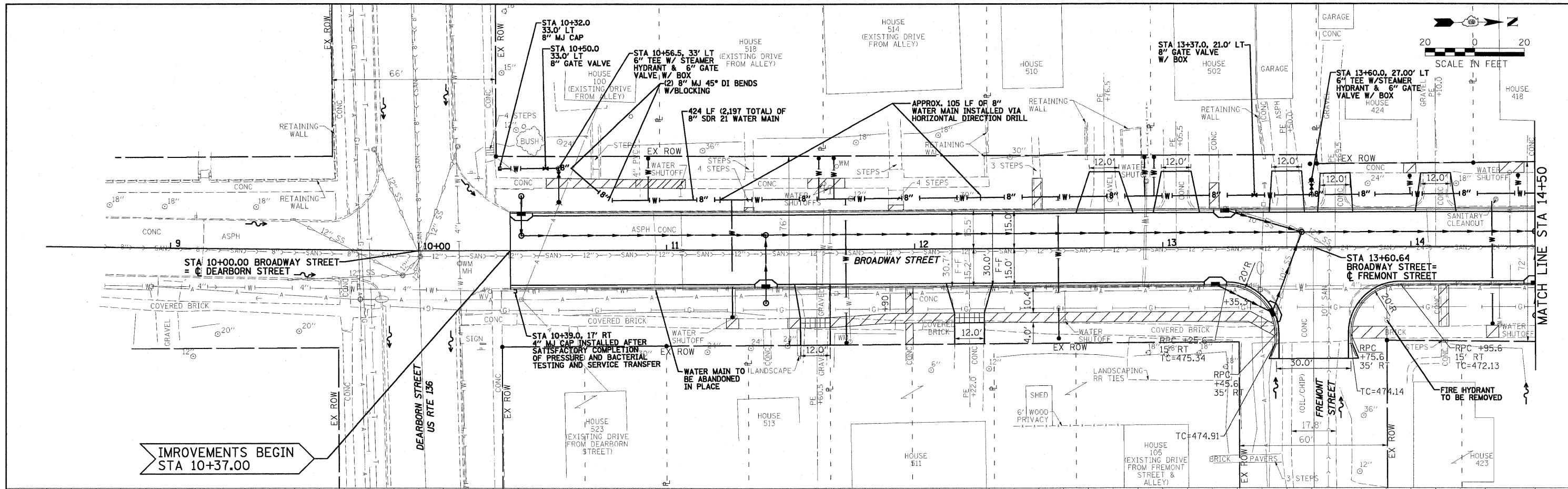
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF HAVANA - BROADWAY STREET
PLAN & PROFILE**

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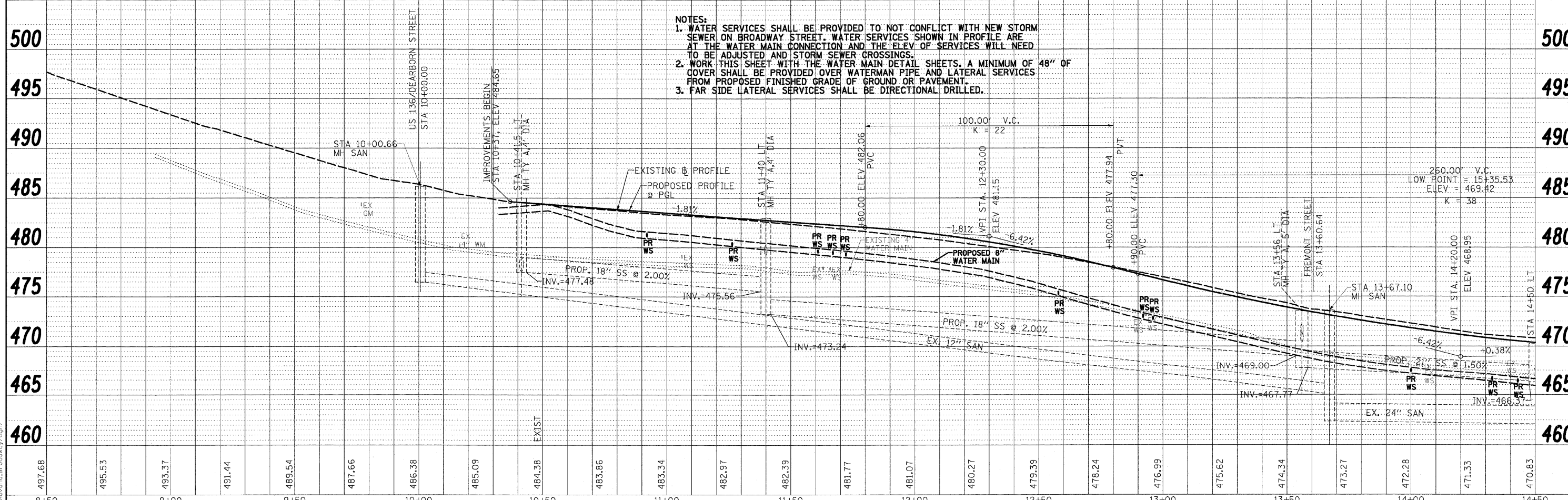
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	DATE	
	BY	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	DATE	
	BY	
	FILE NAME	



IMPROVEMENTS BEGIN
STA 10+37.00

- 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 AND 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.



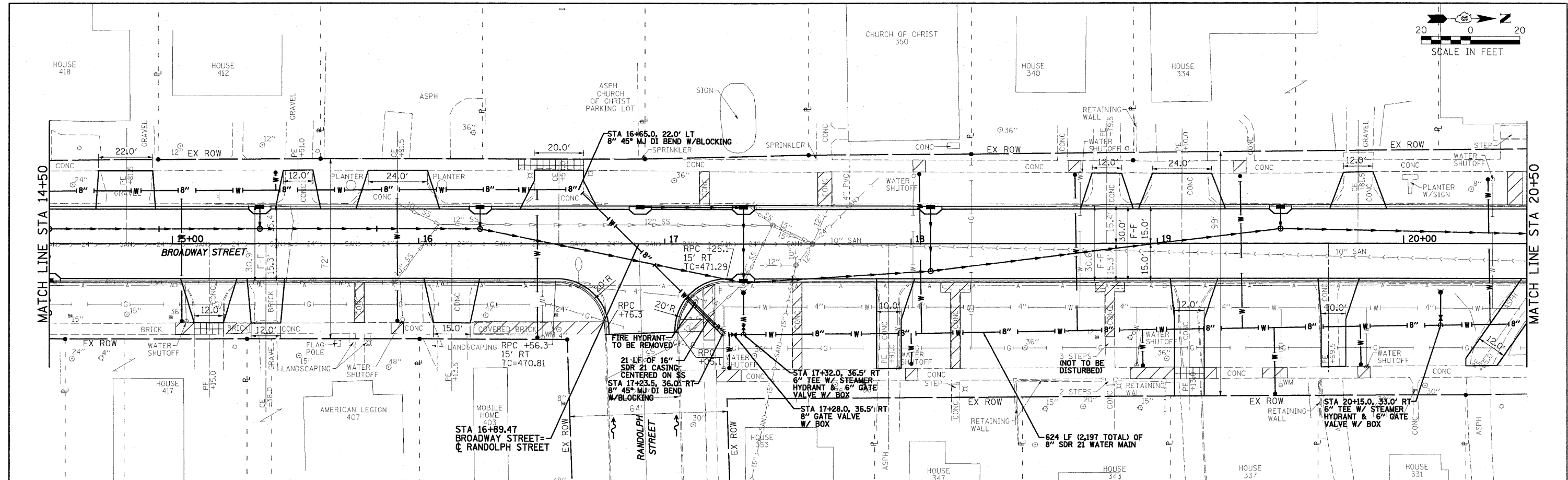
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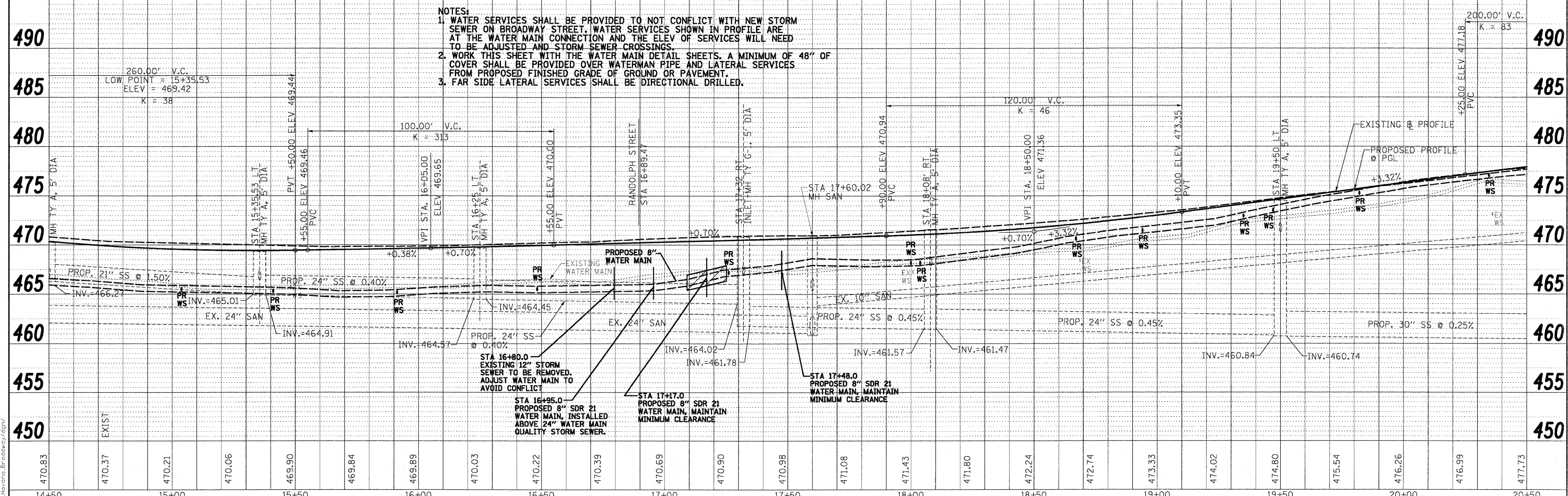


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NOTE BOOK	ALIGNED	
NO.	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE NOTATIONS	
	NO.	



- 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 AND STORM SEWER CROSSINGS.
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 3. FAR SIDE LATERAL SERVICES SHALL BE DIRECTIONAL DRILLED.

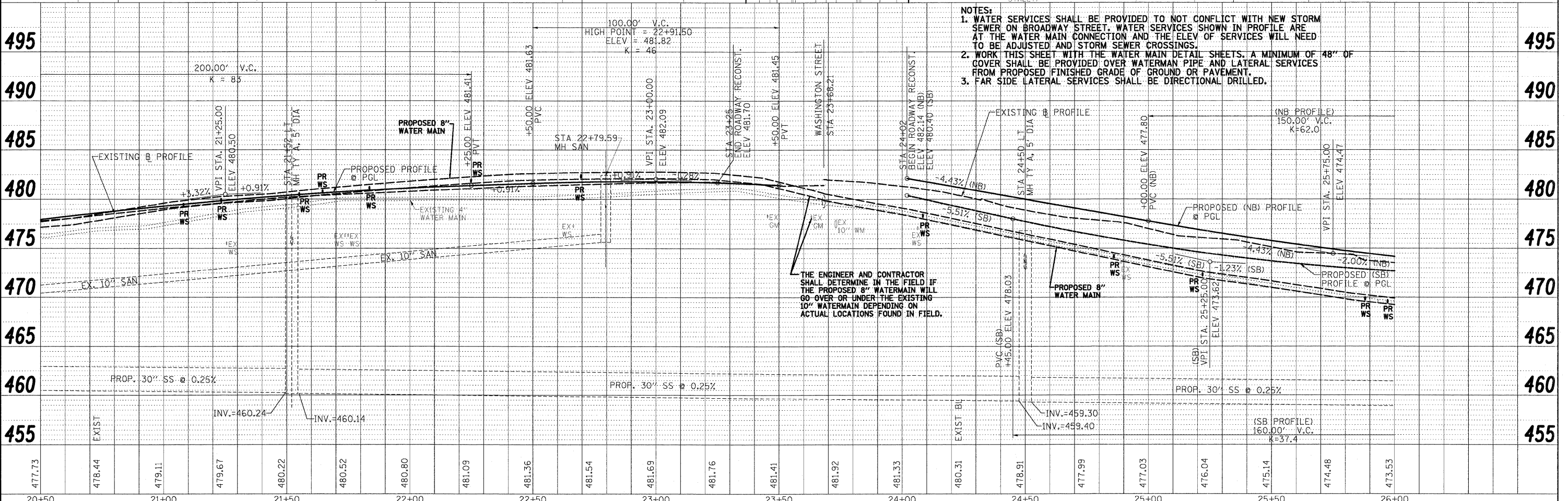
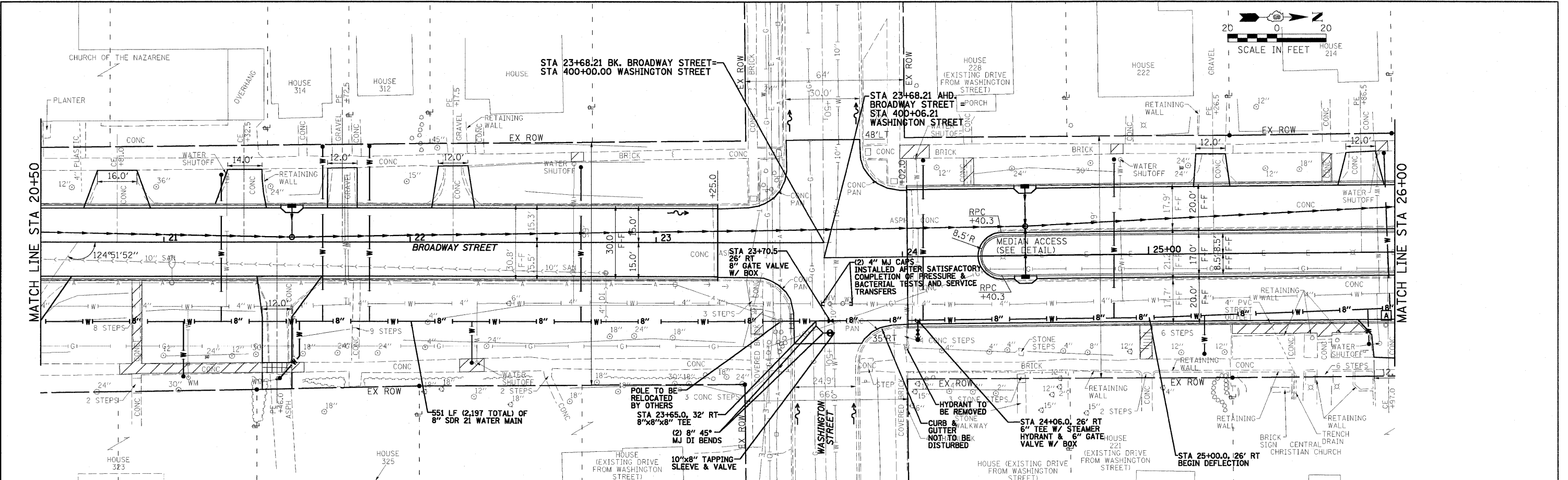


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DATE = 09/29/09	DATE = 09/29/09	REVISED -	FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT							

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	PLOTTED	BY
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	CHECKED	
	FILE NAME	
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PROFILE	STRUCKED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	



- 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 AND STORM SEWER CROSSINGS.
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 3. FAR SIDE LATERAL SERVICES SHALL BE DIRECTIONAL DRILLED.

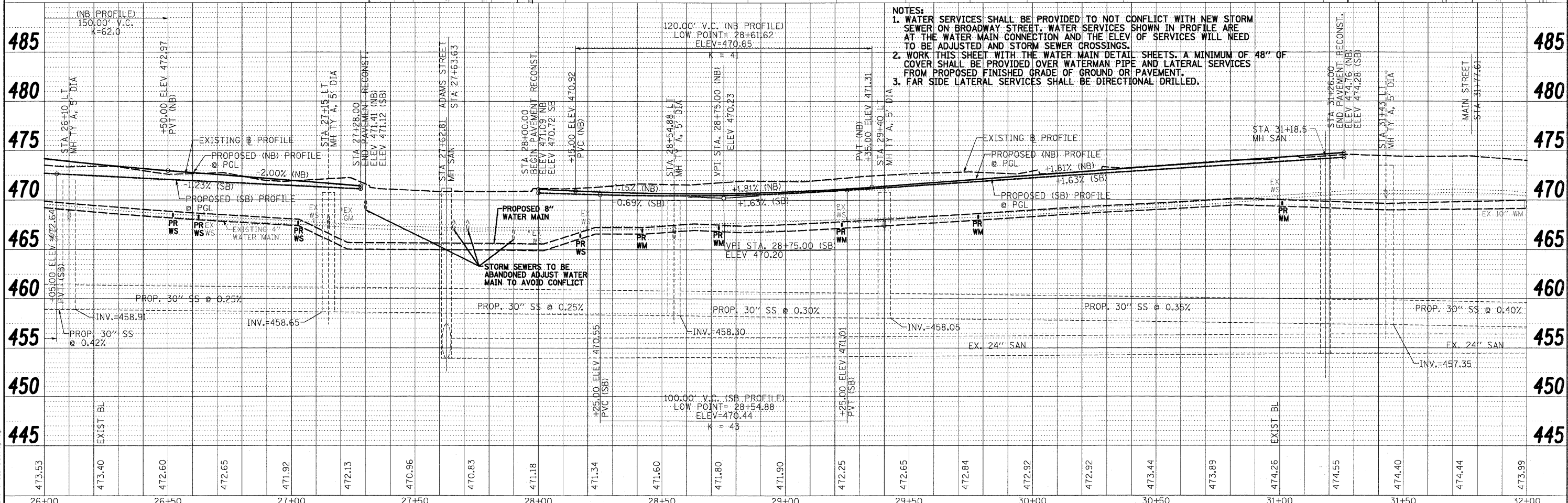
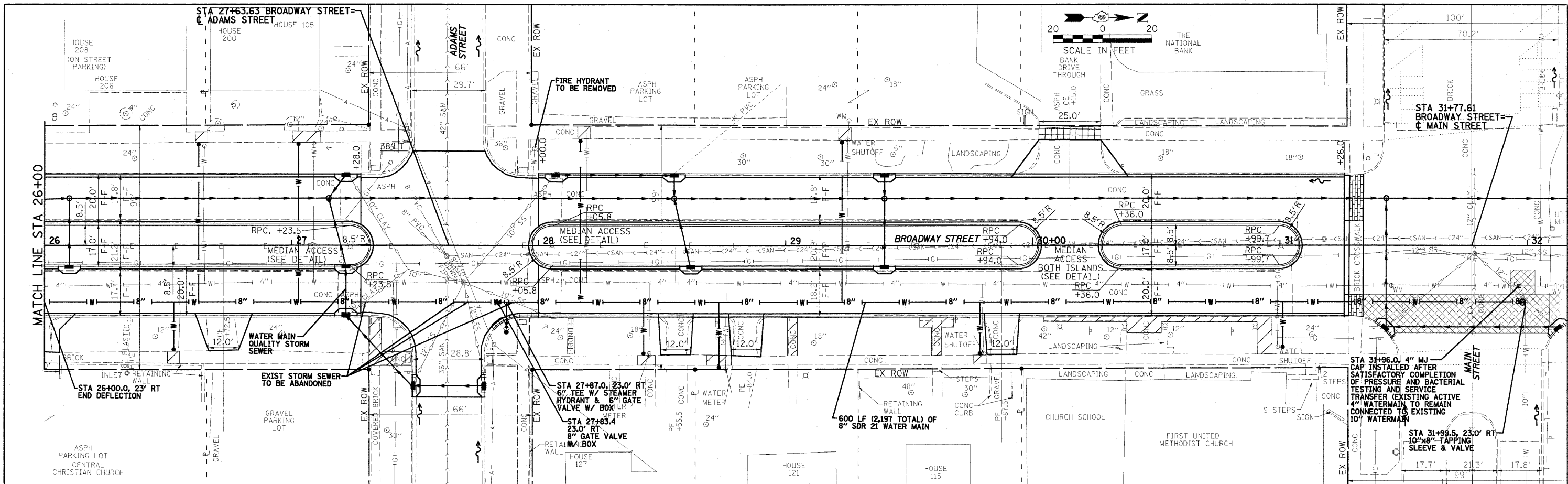
THE ENGINEER AND CONTRACTOR SHALL DETERMINE IN THE FIELD IF THE PROPOSED 8" WATERMAIN WILL GO OVER OR UNDER THE EXISTING 10" WATERMAIN DEPENDING ON ACTUAL LOCATIONS FOUND IN FIELD.

09/29/09 9:28:56 AM
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											CONTRACT NO. 93502

PLAN	DATE
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ALIGNMENT CHECKED	
NOTE BOOK NO.	
ADD FILE NAME	

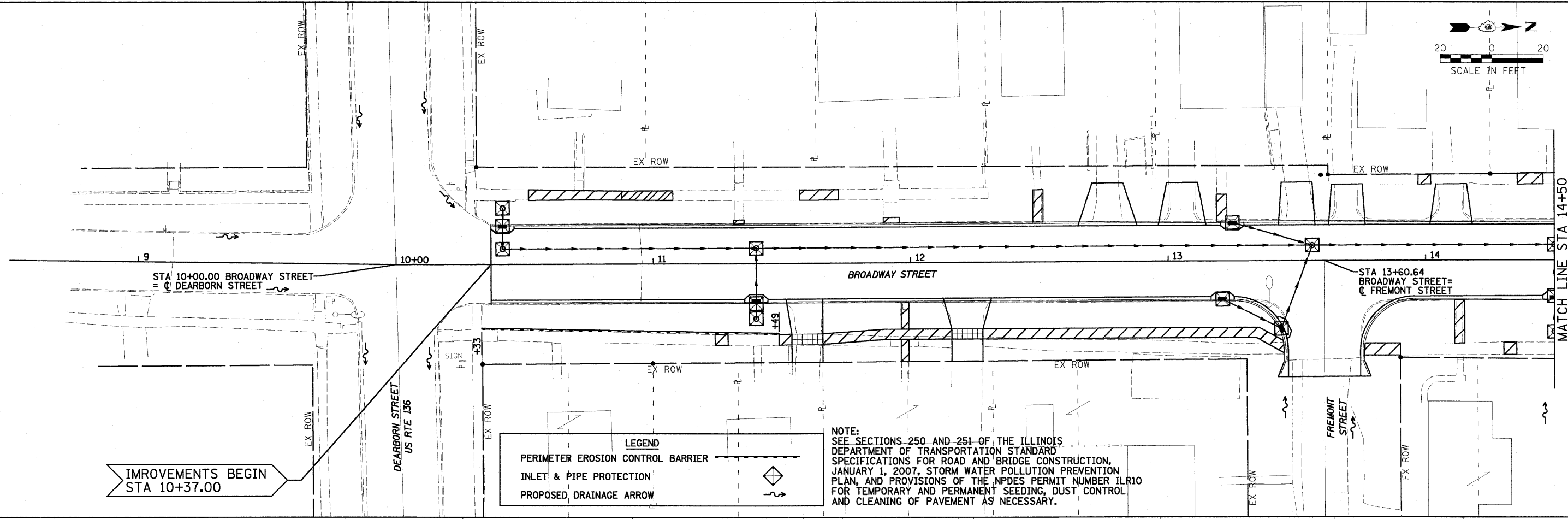
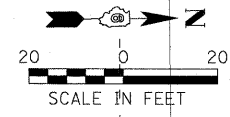
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BY	
REVIEWED	
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GRADES CHECKED	
NOTE BOOK NO.	
STRUCTURE NOTATIONS	



- 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 AND STORM SEWER CROSSINGS.
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 3. FAR-SIDE LATERAL SERVICES SHALL BE DIRECTIONAL DRILLED.

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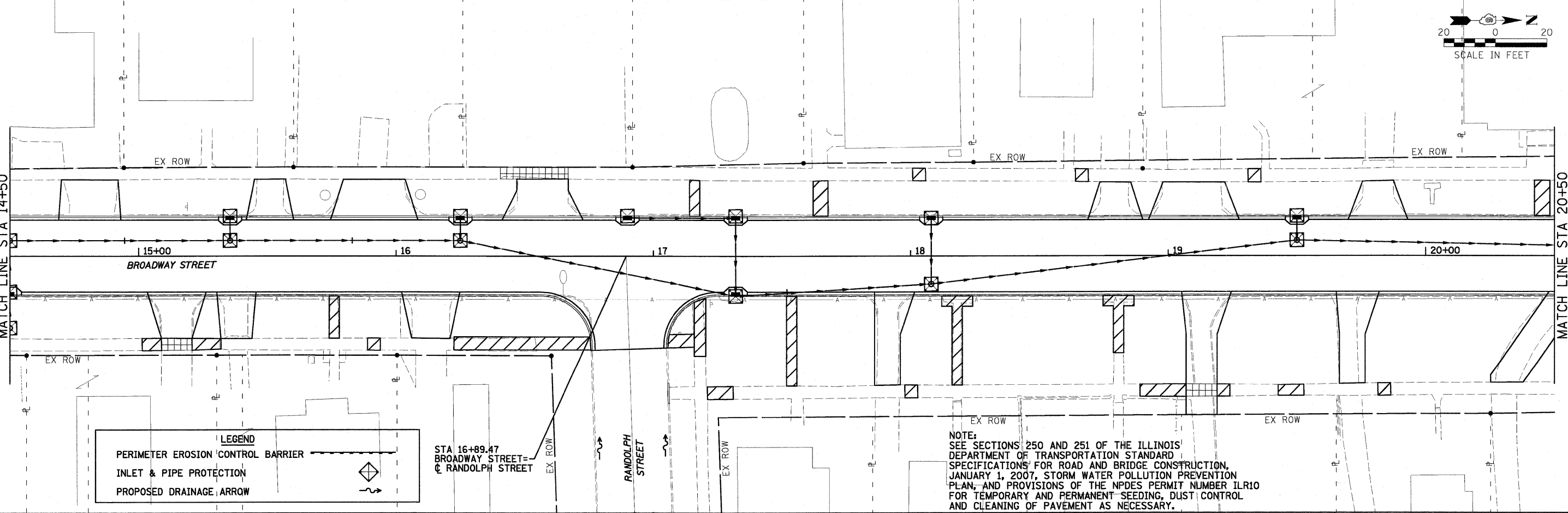
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LEGEND

PERIMETER EROSION CONTROL BARRIER	
INLET & PIPE PROTECTION	
PROPOSED DRAINAGE ARROW	

NOTE:
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.



LEGEND

PERIMETER EROSION CONTROL BARRIER	
INLET & PIPE PROTECTION	
PROPOSED DRAINAGE ARROW	

NOTE:
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.

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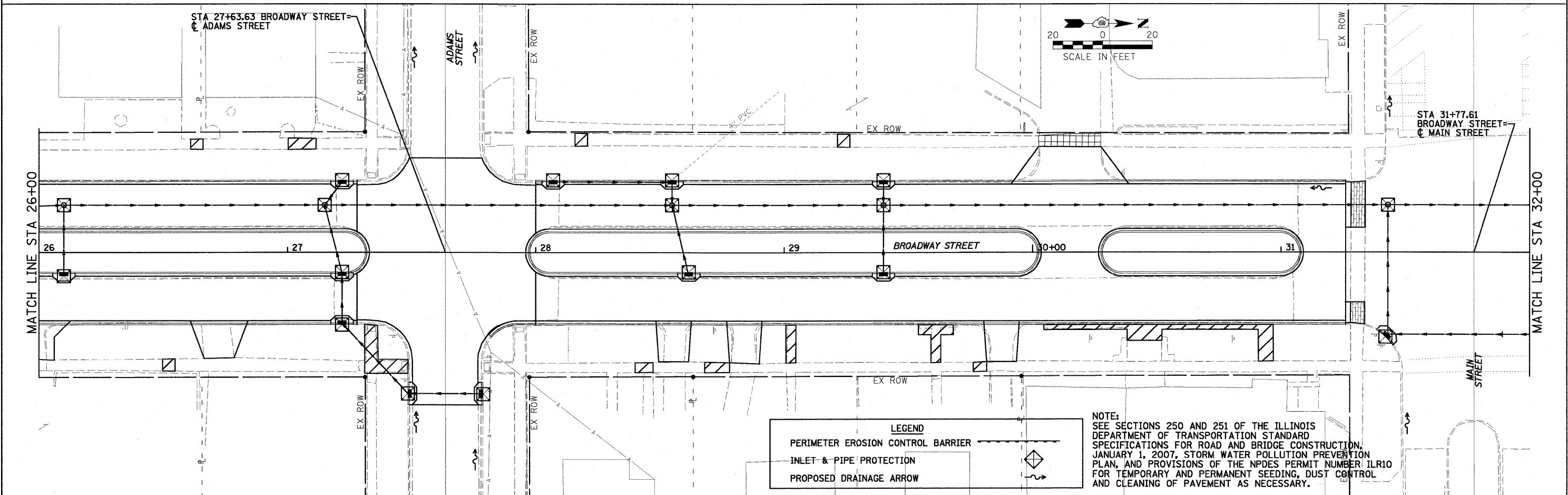
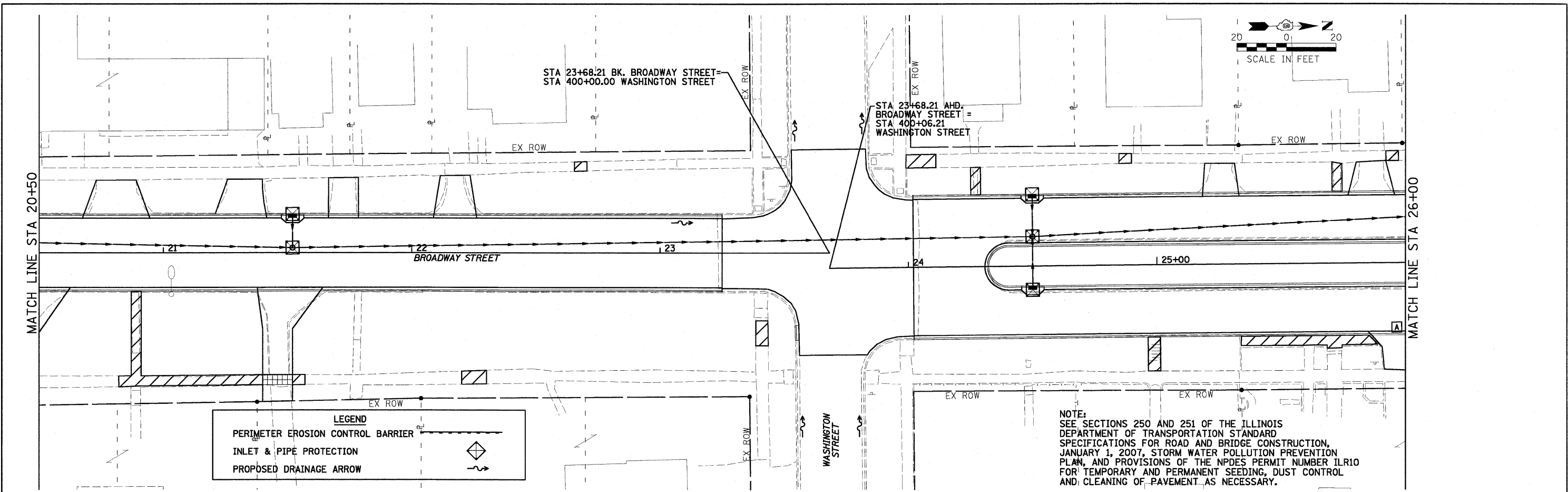
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		DATE - 09/29/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF HAVANA - BROADWAY STREET
EROSION CONTROL PLAN "SWPPP"**

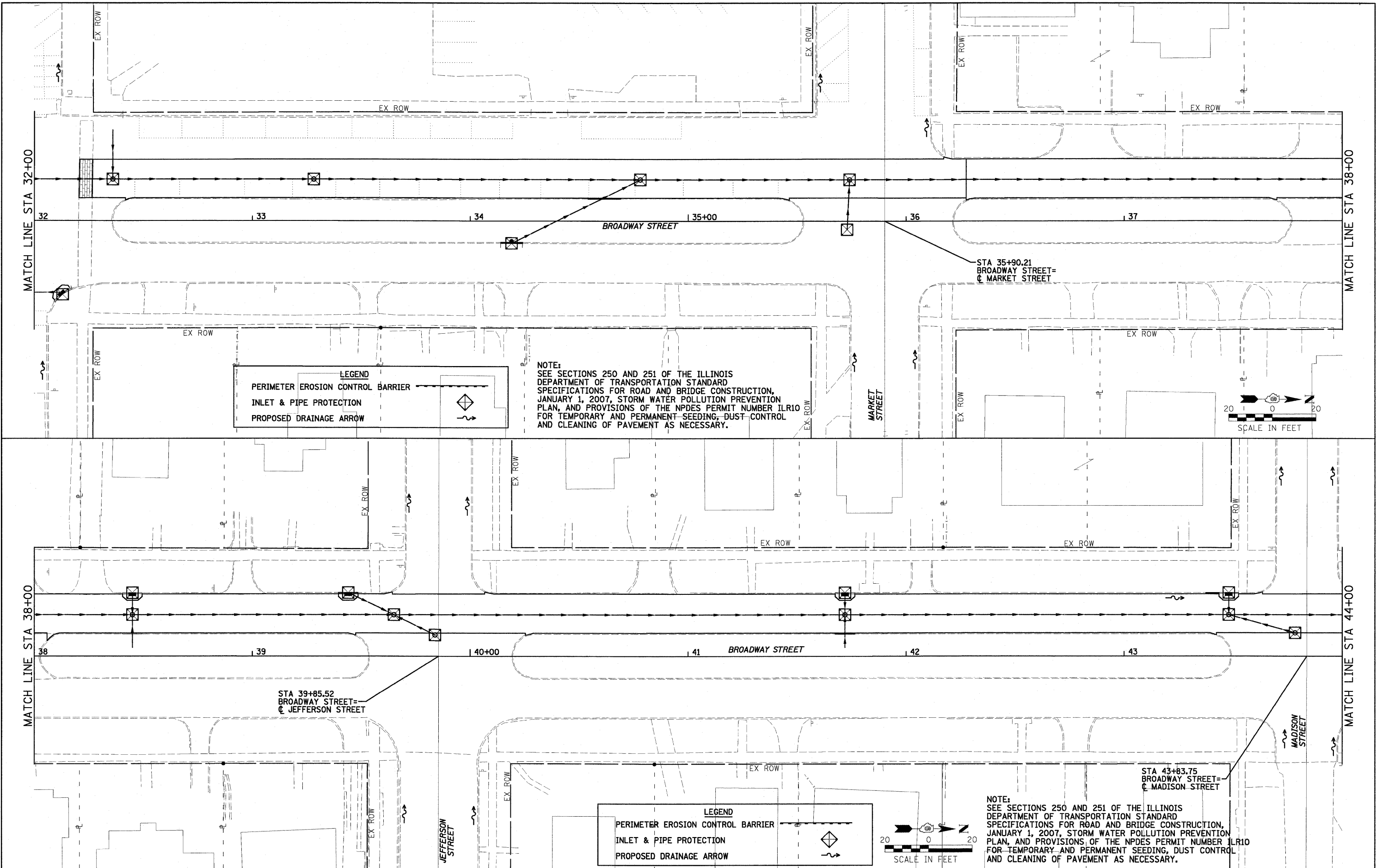
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CONTRACT NO. 93502				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



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LEGEND

- PERIMETER EROSION CONTROL BARRIER
- INLET & PIPE PROTECTION
- PROPOSED DRAINAGE ARROW

NOTE:
 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.



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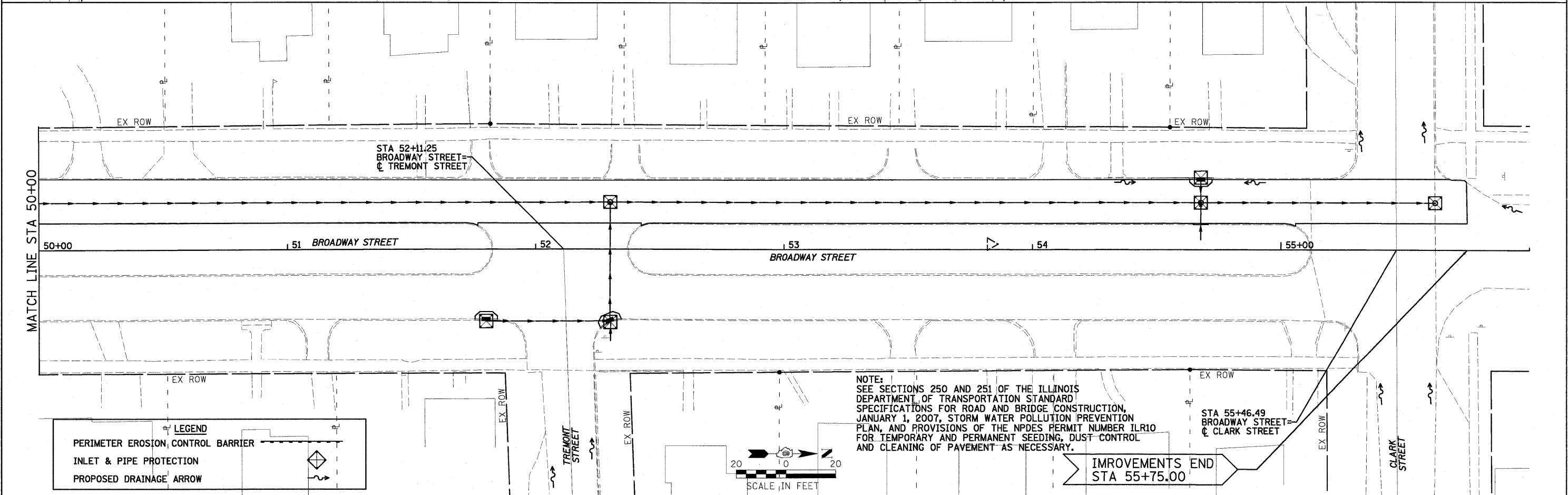
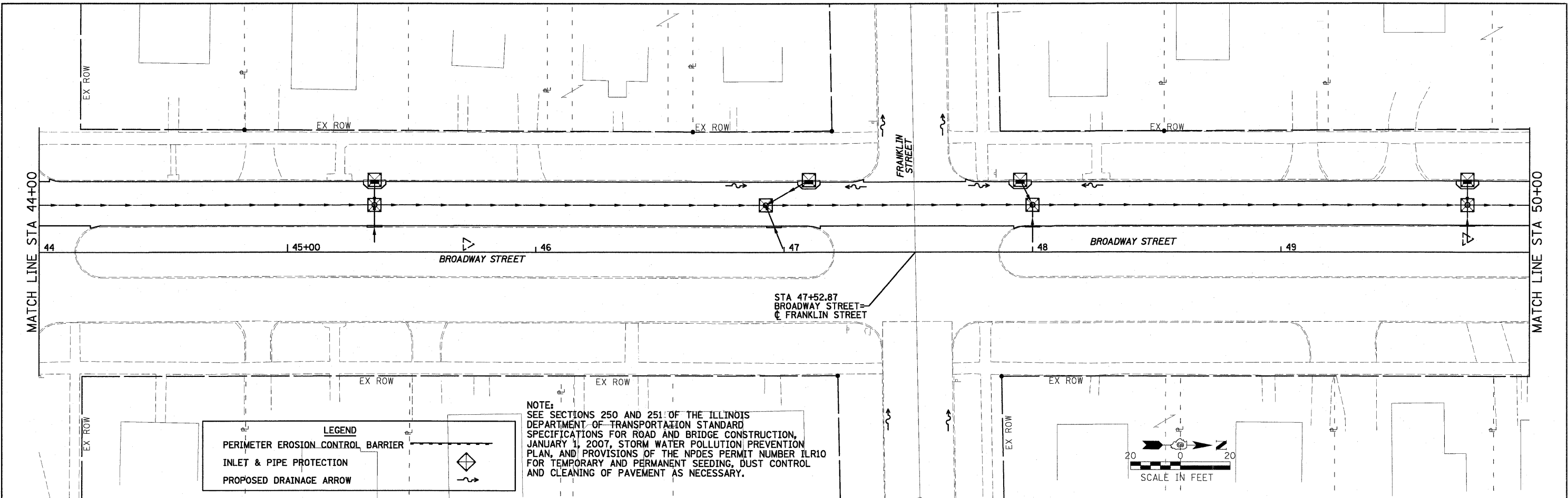
- PERIMETER EROSION CONTROL BARRIER
- INLET & PIPE PROTECTION
- PROPOSED DRAINAGE ARROW



NOTE:
 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.

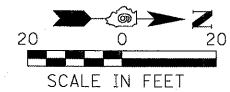
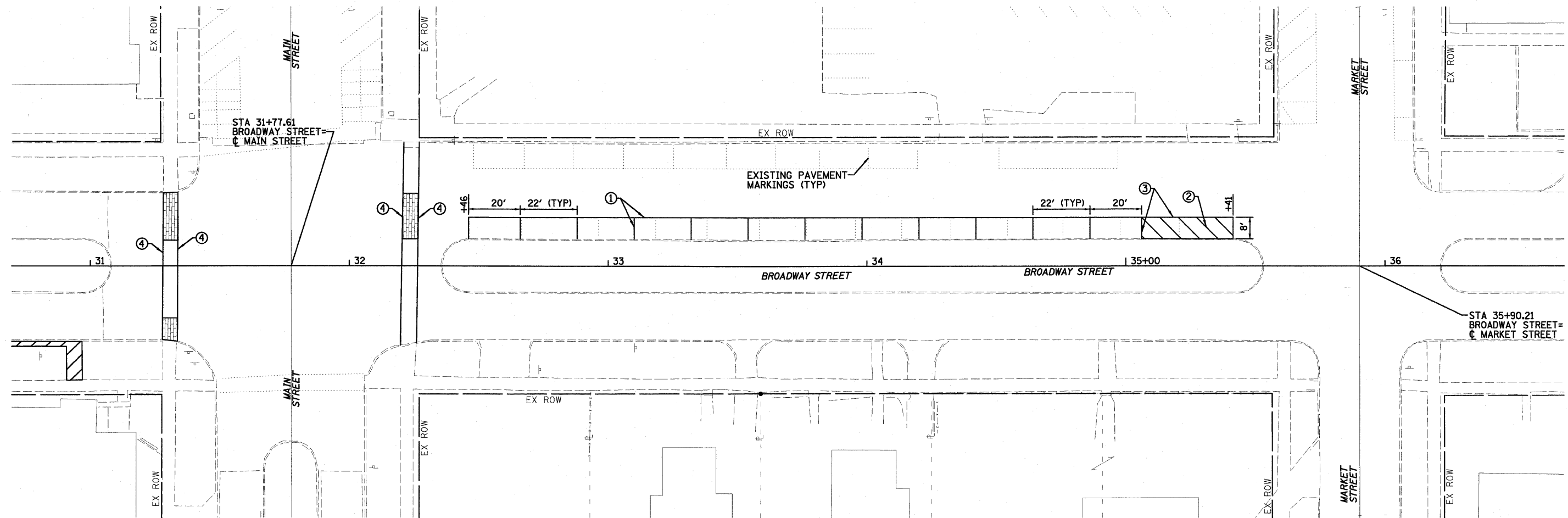
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		DATE - 09/29/09	REVISED -	Farnsworth GROUP		1707 NORTH KNOXVILLE AVENUE, SUITE 205, PEORIA, ILLINOIS 61614 (309)689-8888 / (309)689-9620 FAX www.f-w.com						



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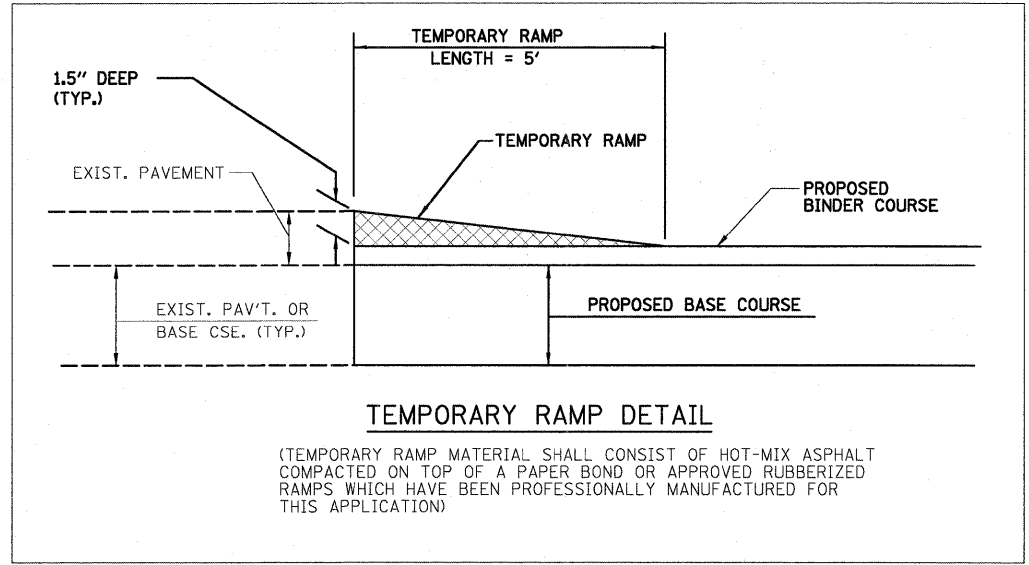
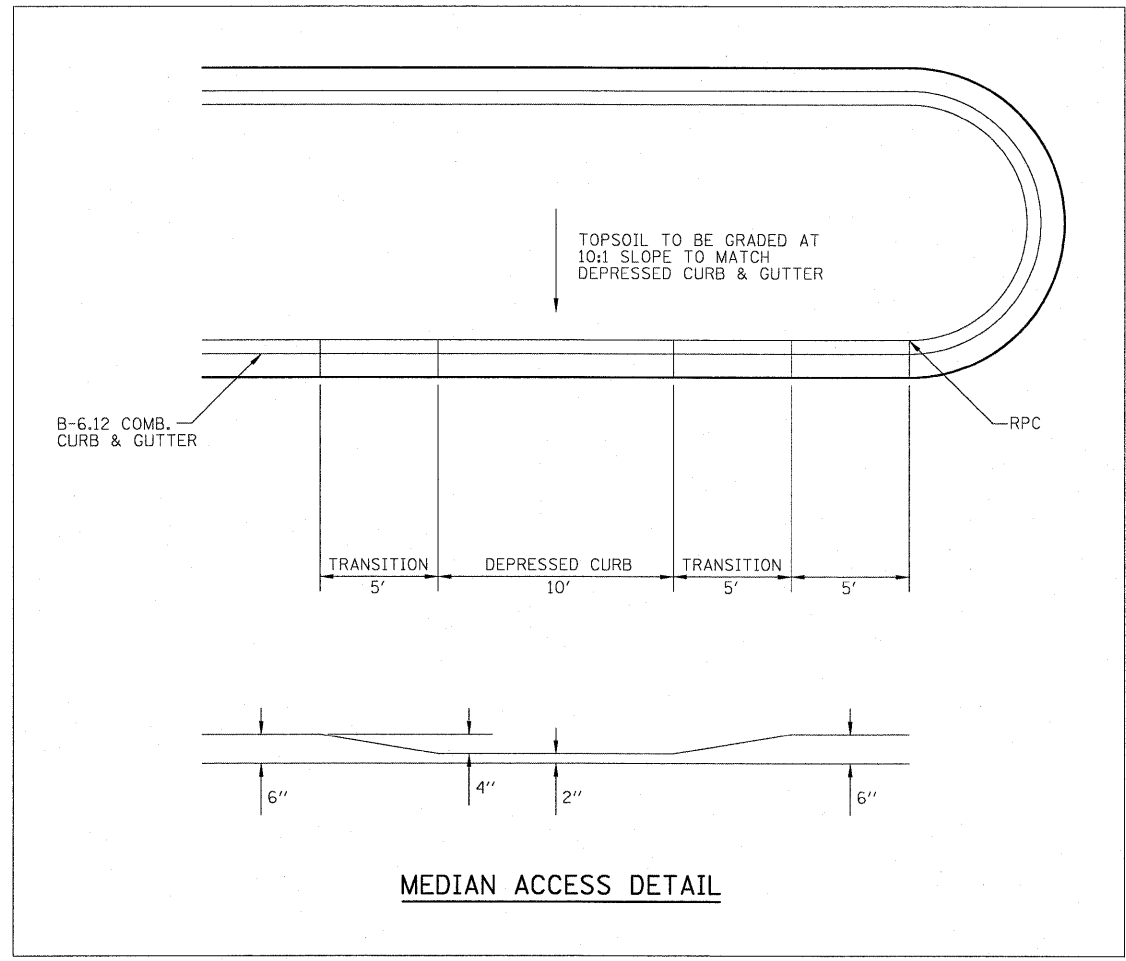
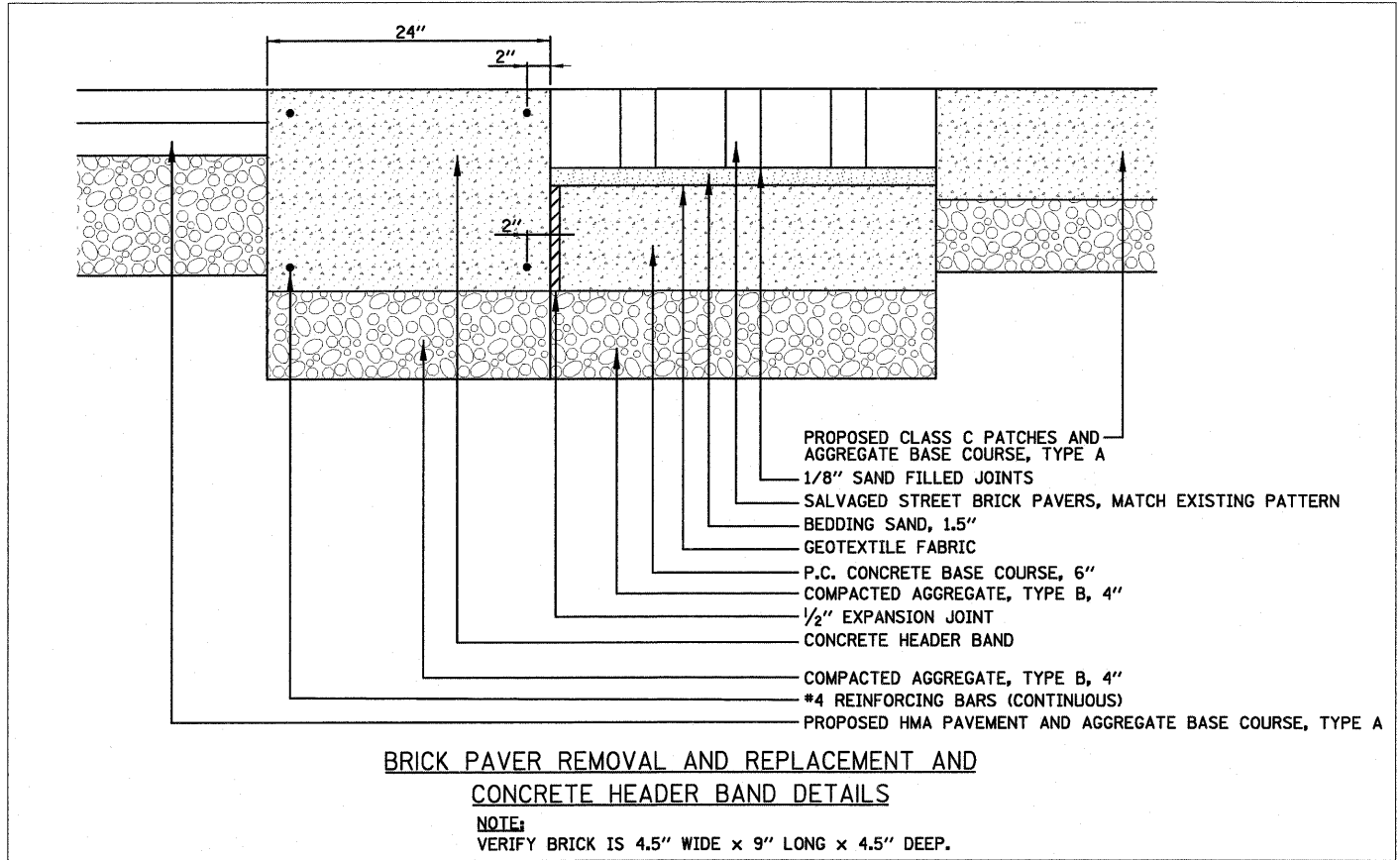
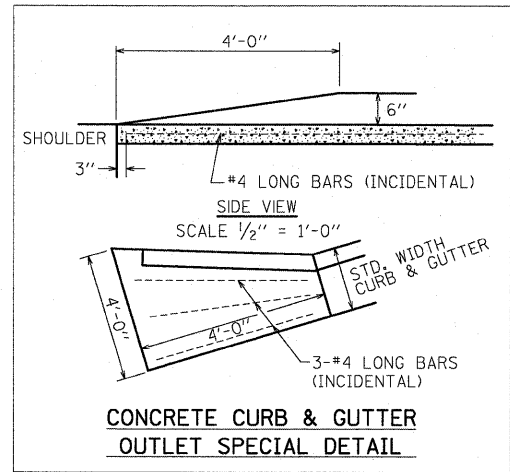
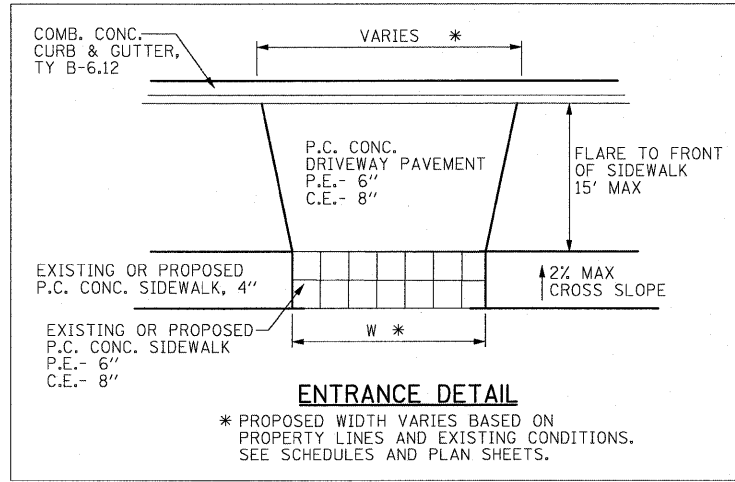
LEGEND

- 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.

0081364_PAVMRK.dgn 14:05 AM 9/28/09 09:01:19:00 Havana Broadway.dgn

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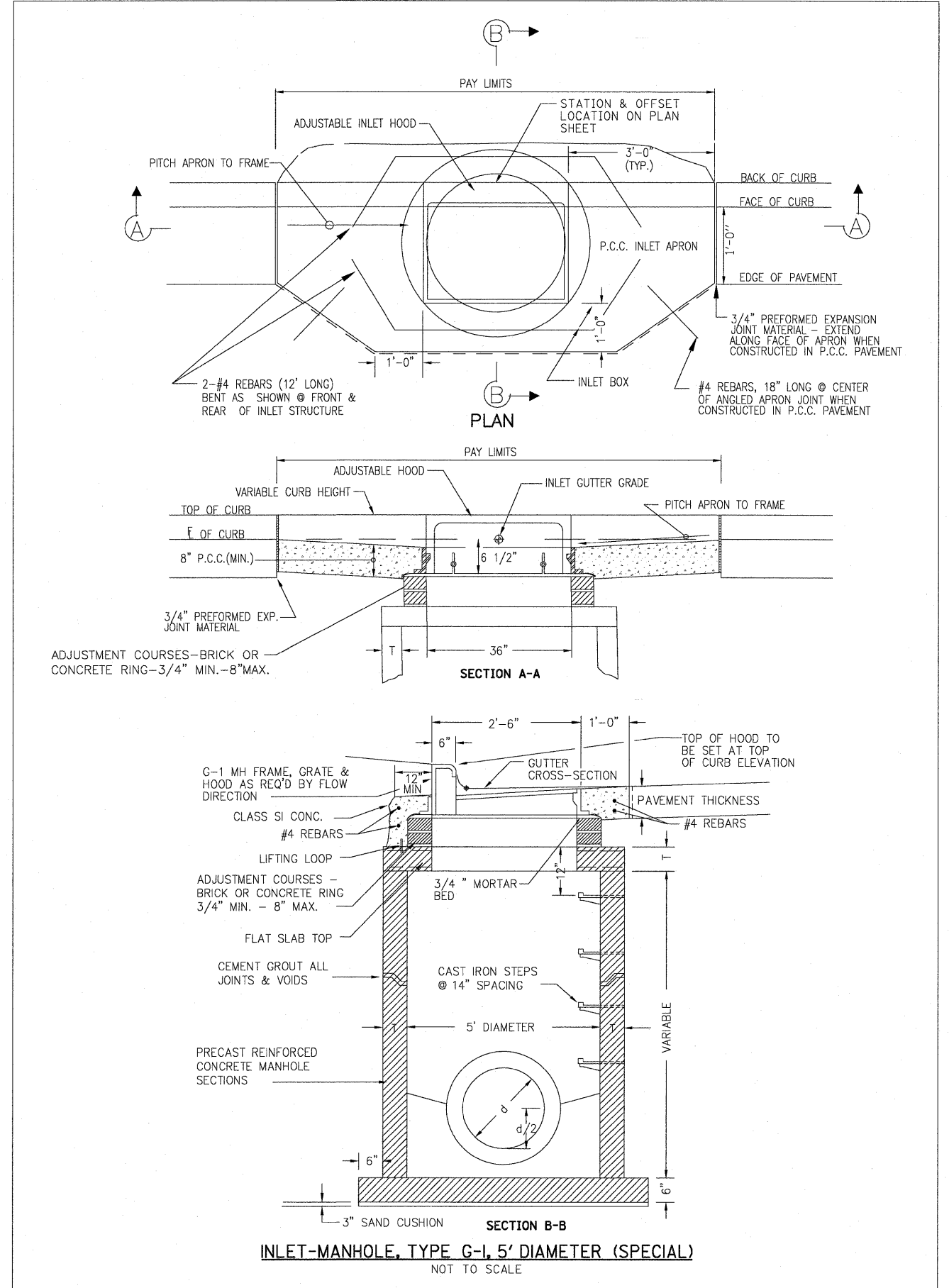
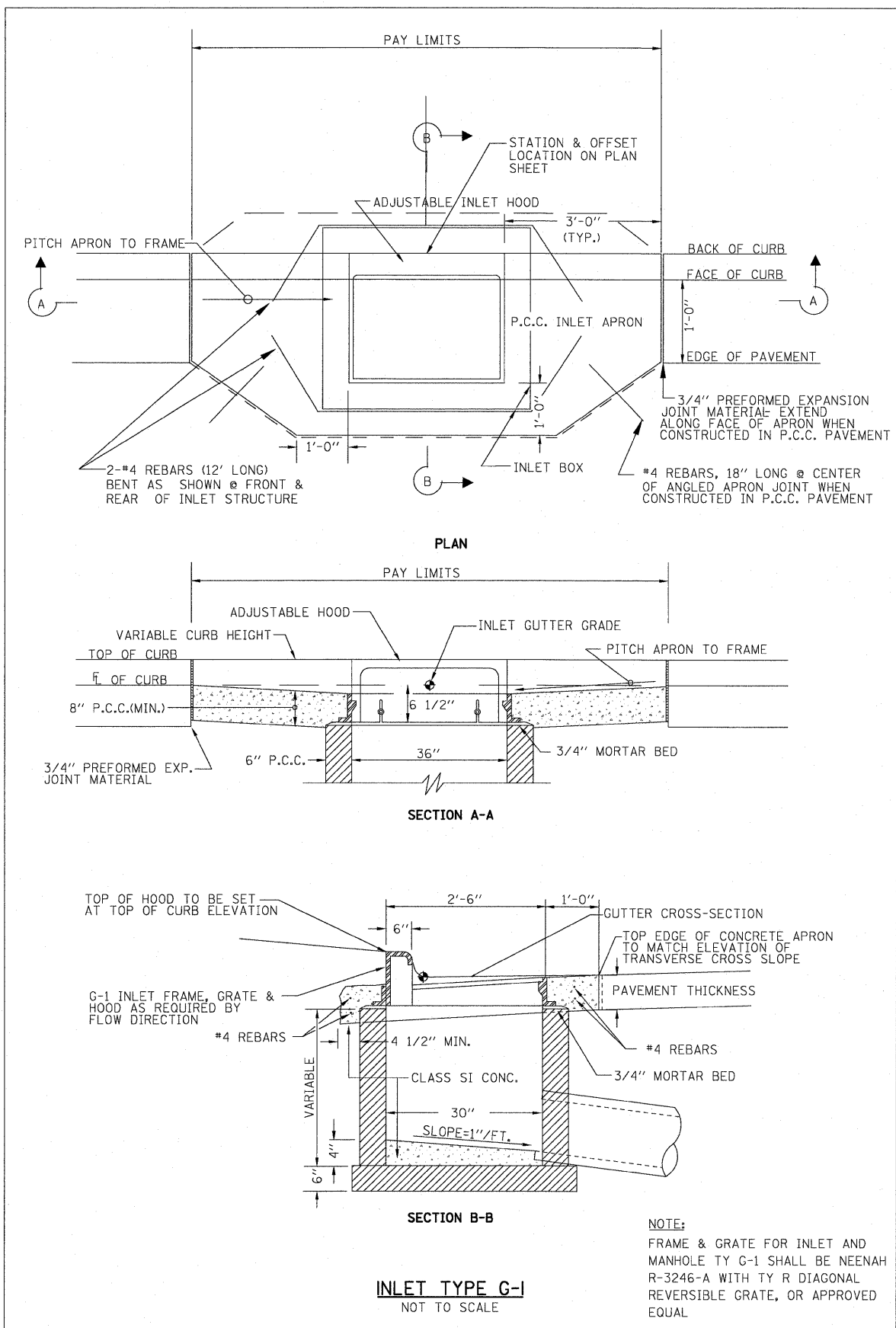
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF HAVANA - BROADWAY STREET
MISCELLANEOUS ROADWAY DETAILS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	30
CONTRACT NO. 93502				
SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. 10+37 TO STA. 55+75	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



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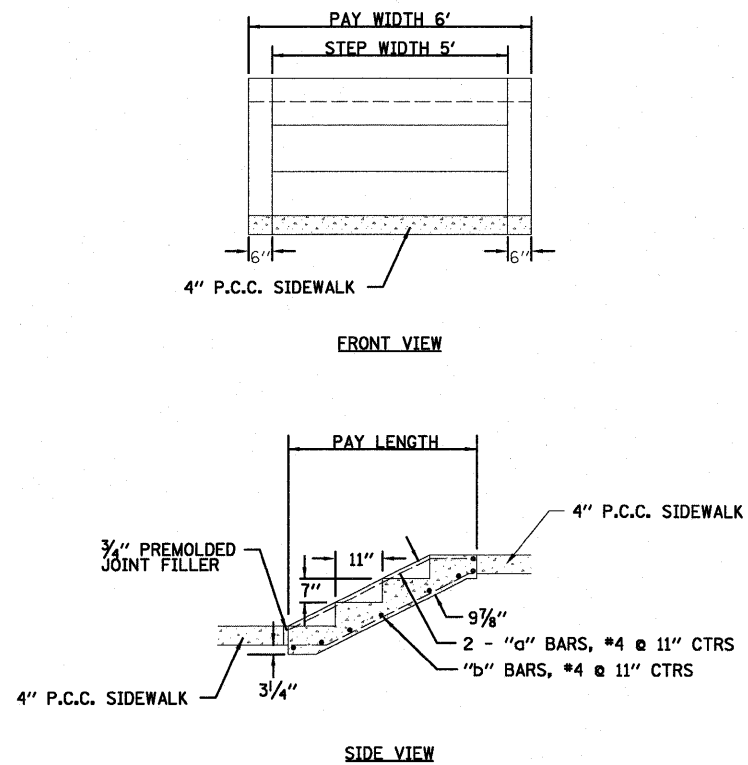
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET MISCELLANEOUS ROADWAY DETAILS			
SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. 10+37 TO STA. 55+75	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	31
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

CONTRACT NO. 93502

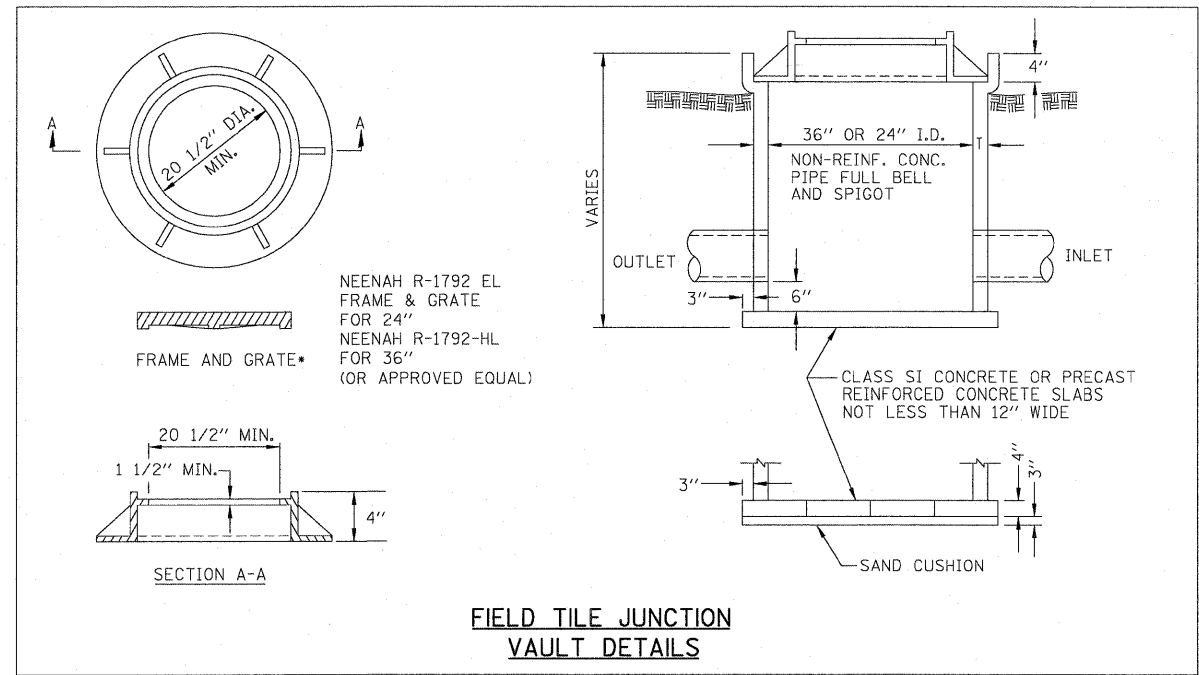
Farnsworth GROUP
 7707 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
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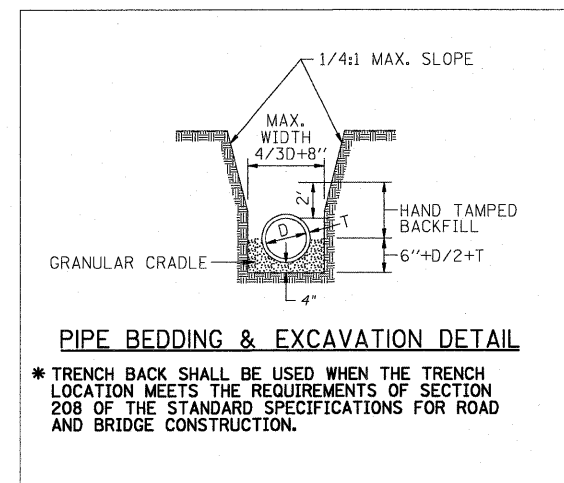
CONCRETE STEP DETAIL

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.		
20+89, RT.	8	5'-7"	13	10'-3"	9	#4	111	4.5	49.5
24+99, RT.	6	5'-7"	10	8'-2"	9	#4	87	3.6	38.5

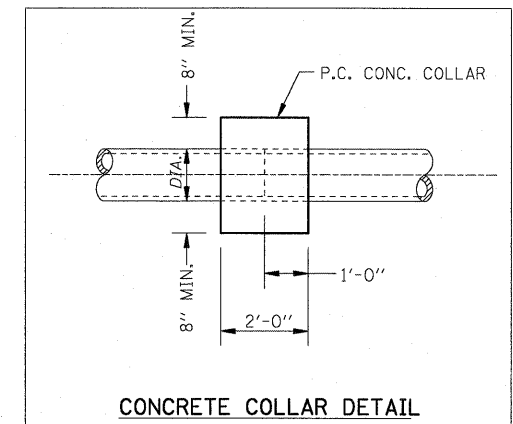


FIELD TILE JUNCTION VAULT DETAILS



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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

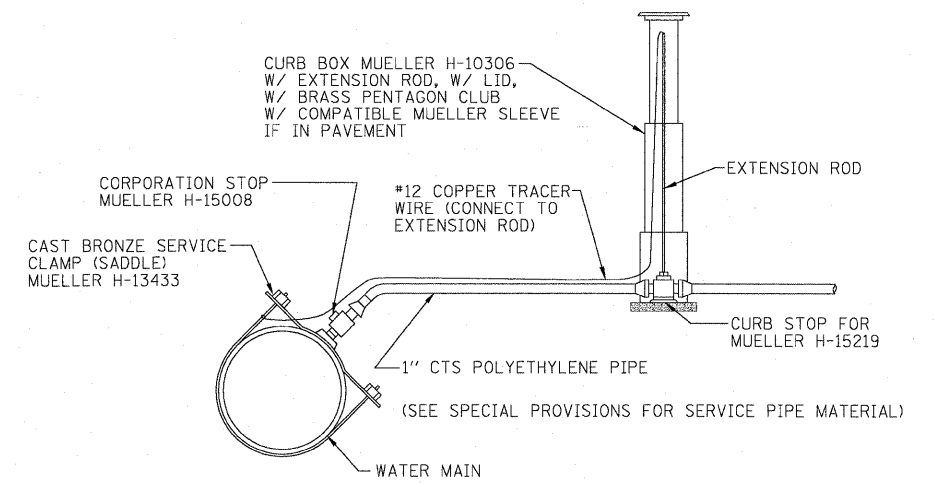
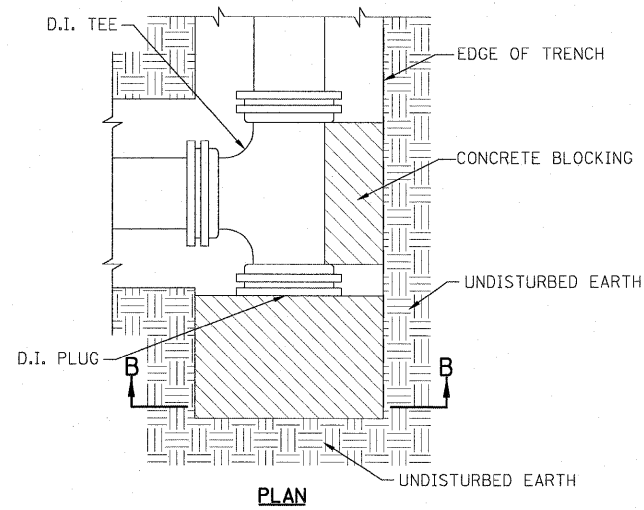
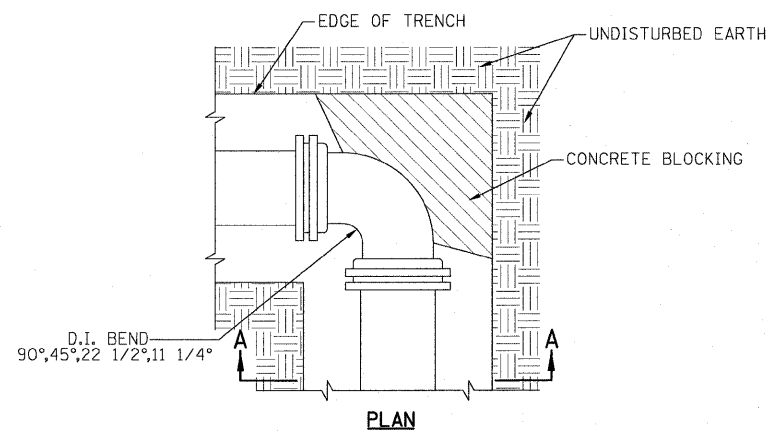


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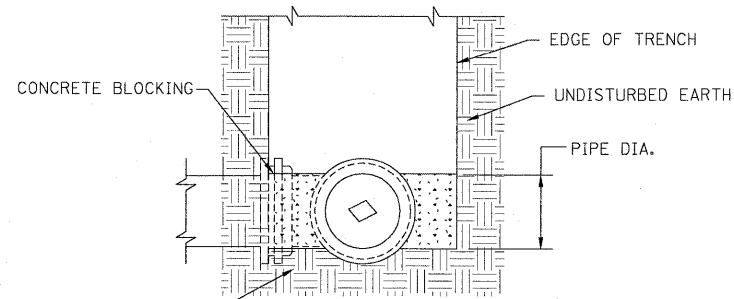
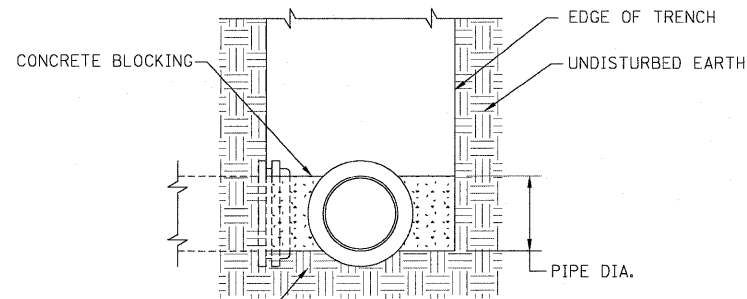
CITY OF HAVANA - BROADWAY STREET
MISCELLANEOUS ROADWAY DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	32
CONTRACT NO. 93502				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



TYPICAL WATER SERVICE 1"



**SECTION A-A
D.I. BENDS**

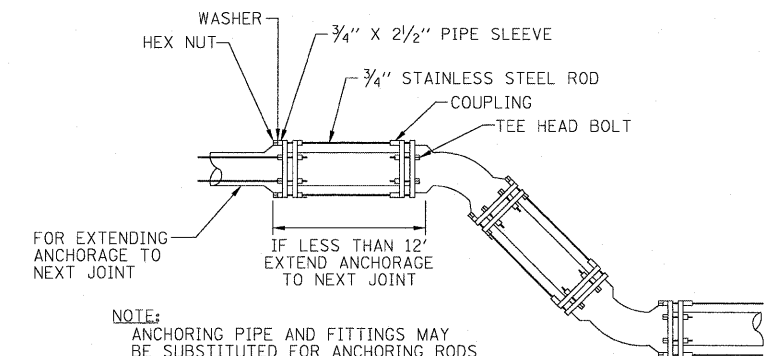
**SECTION B-B
D.I. TEE & PLUG**

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

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



ANCHORAGE OF FITTINGS LYING IN VERTICAL PLANE

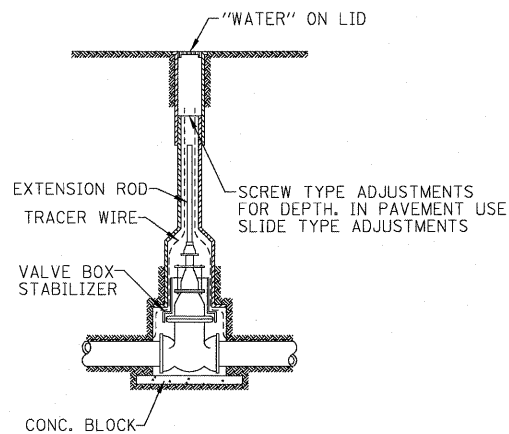
PIPE SIZE	NO. 3/4" RODS REQUIRED
12" & UNDER	2

TYPICAL CONCRETE BLOCKING DETAIL

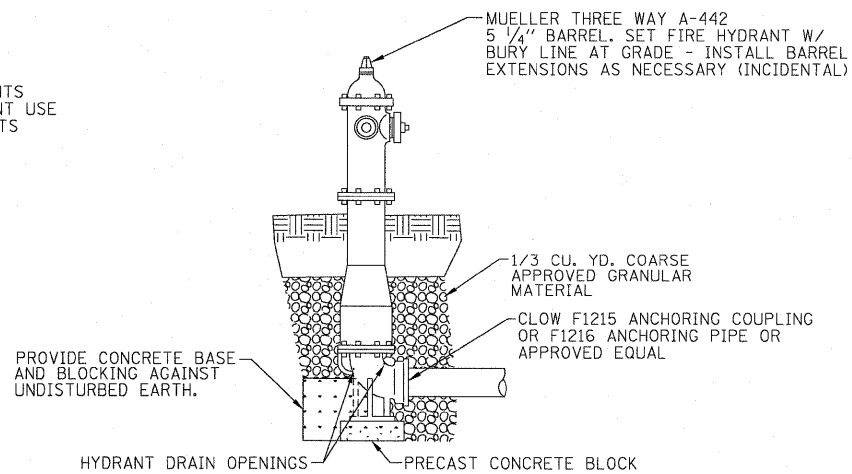
PIPE SIZE	AREA OF BEARING FACE REQUIRED - SQ. FT.		
	1/4 BEND	1/8 OR 1/16 BEND	TEES & PLUGS
4, 6, 8	3	3	3
10	4	3	3
12	6	3	4
16	11	4	7
18	16	6	10
20	18	8	12

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)

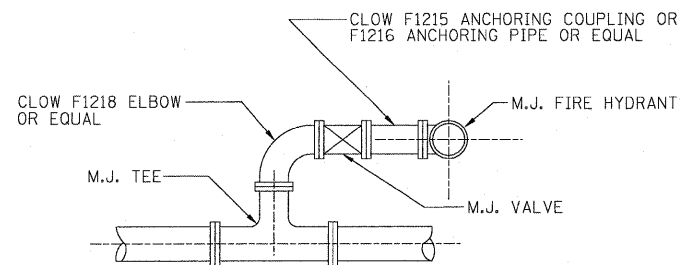
FITTING	PIPE SIZE AND RESTRAINED JOINT LENGTH (BOTH SIDES OF FITTING) IN L.F.					
	3"	4"	6"	8"	10"	12"
PIPE DIAMETER	3'	4'	6'	8'	10'	12'
11 1/4° TO 45° ELBOW	9'	11'	16'	21'	26'	31'
90° ELBOW	23'	28'	39'	51'	63'	74'
VERTICAL OFFSET 11 1/4° TO 45°	21'	26'	37'	48'	59'	70'
TEE (BRANCH) RUN 10 FT. EACH WAY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



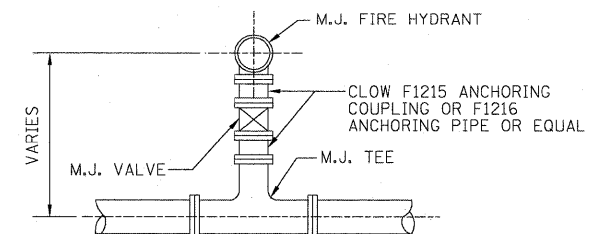
NOTE: RETAINER GLANDS TO BE USED ON ALL VALVES. NO ADDITIONAL COMPENSATION ALLOWED.



HYDRANT INSTALLATION



HYDRANT CONNECTION TYPE 5



HYDRANT CONNECTION TYPE 3

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

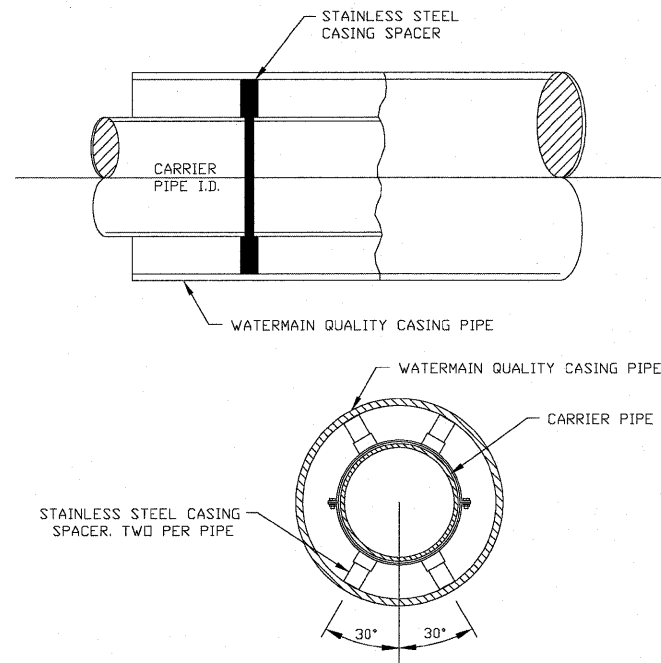
**CITY OF HAVANA - BROADWAY STREET
WATERMAIN DETAILS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	33

CONTRACT NO. 93502

SCALE: N.T.S. SHEET NO. OF SHEETS STA. 10+37 TO STA. 31+99.5

PIPE CASING SPACER DETAIL FOR WATER MAINS



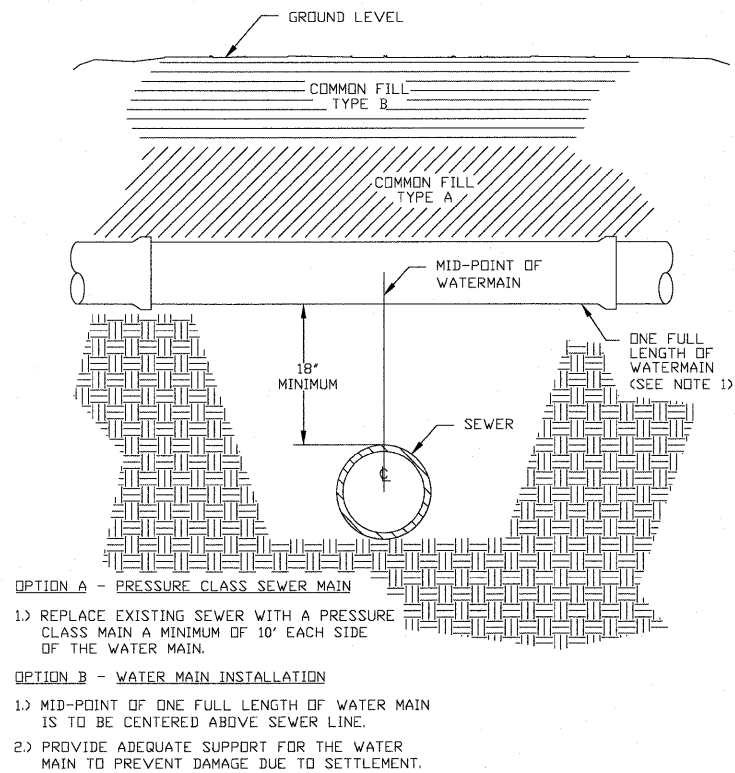
NOTES

1. THE WATER MAIN SHALL BE "CENTERED SPACED" AND RESTRAINED ON TOP AND BOTTOM UTILIZING TWO CASING SPACERS EQUALLY SPACED PER LENGTH OF PIPE.
2. CASING SPACERS ARE TO BE CASCADE MFG. BRAND OR APPROVED EQUAL.

GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL UTILITY LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
2. PRIOR TO BID SUBMISSION, CONTRACTOR SHALL VISIT THE SITE AND RESOLVE ANY QUESTIONS WHICH MAY AFFECT THE WORK.
3. ALL CONSTRUCTION OPERATIONS SHALL BE IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.).
4. CONTRACTOR SHALL NOTIFY OWNER OF ALL UNDERGROUND TILES ENCOUNTERED IN THE WORK AREA.
5. THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS ACCOMPANYING THESE PLANS AND THE FOLLOWING SPECIFICATIONS:
 - A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", BY THE ILLINOIS DEPT. OF TRANSPORTATION, LATEST EDITION.
 - B. "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", BY THE ILLINOIS DEPT. OF TRANSPORTATION, LATEST EDITION.
 - C. 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 ENGAGEMENT PER THE STANDARD SPECIFICATIONS.
6. 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.
7. ALL PIPE SHALL BE PVC SDR 21 UNLESS SHOWN OTHERWISE.
8. 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.
9. CONTRACTOR SHALL MAINTAIN A MINIMUM 2' SPOOL PIECE LENGTH.
10. 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.
11. 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



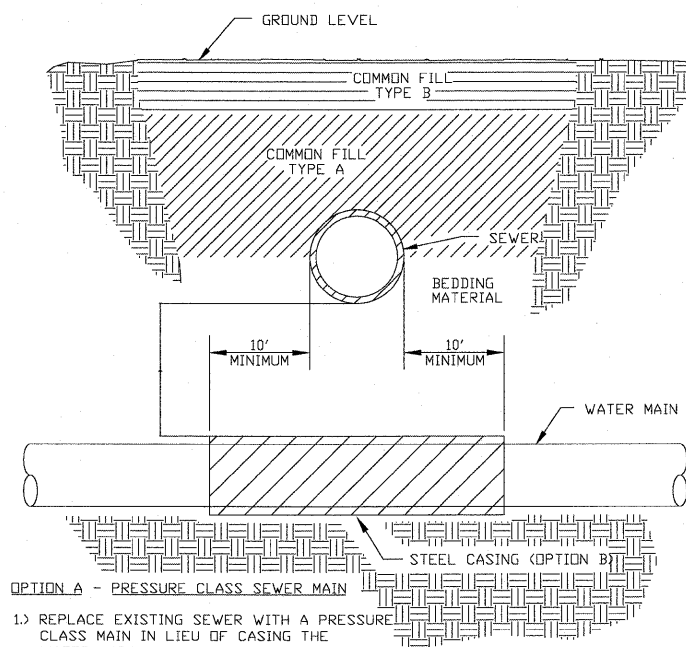
OPTION A - PRESSURE CLASS SEWER MAIN

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

OPTION B - WATER MAIN INSTALLATION

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

WATER MAIN CROSSING UNDER SEWER



OPTION A - PRESSURE CLASS SEWER MAIN

- 1) REPLACE EXISTING SEWER WITH A PRESSURE CLASS MAIN IN LIEU OF CASING THE WATER MAIN.

- 2) THE SEWER SHALL BE REPLACED A MINIMUM OF 10' EACH SIDE OF THE WATERMAIN.

OPTION B - WATER MAIN CASING INSTALLATION

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

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DATE - 09/29/09	REVISED -

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DRAWN - JTC	REVISED -
CHECKED - ERB/RDY	REVISED -
DATE - 09/29/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF HAVANA - BROADWAY STREET
WATERMAIN DETAILS**

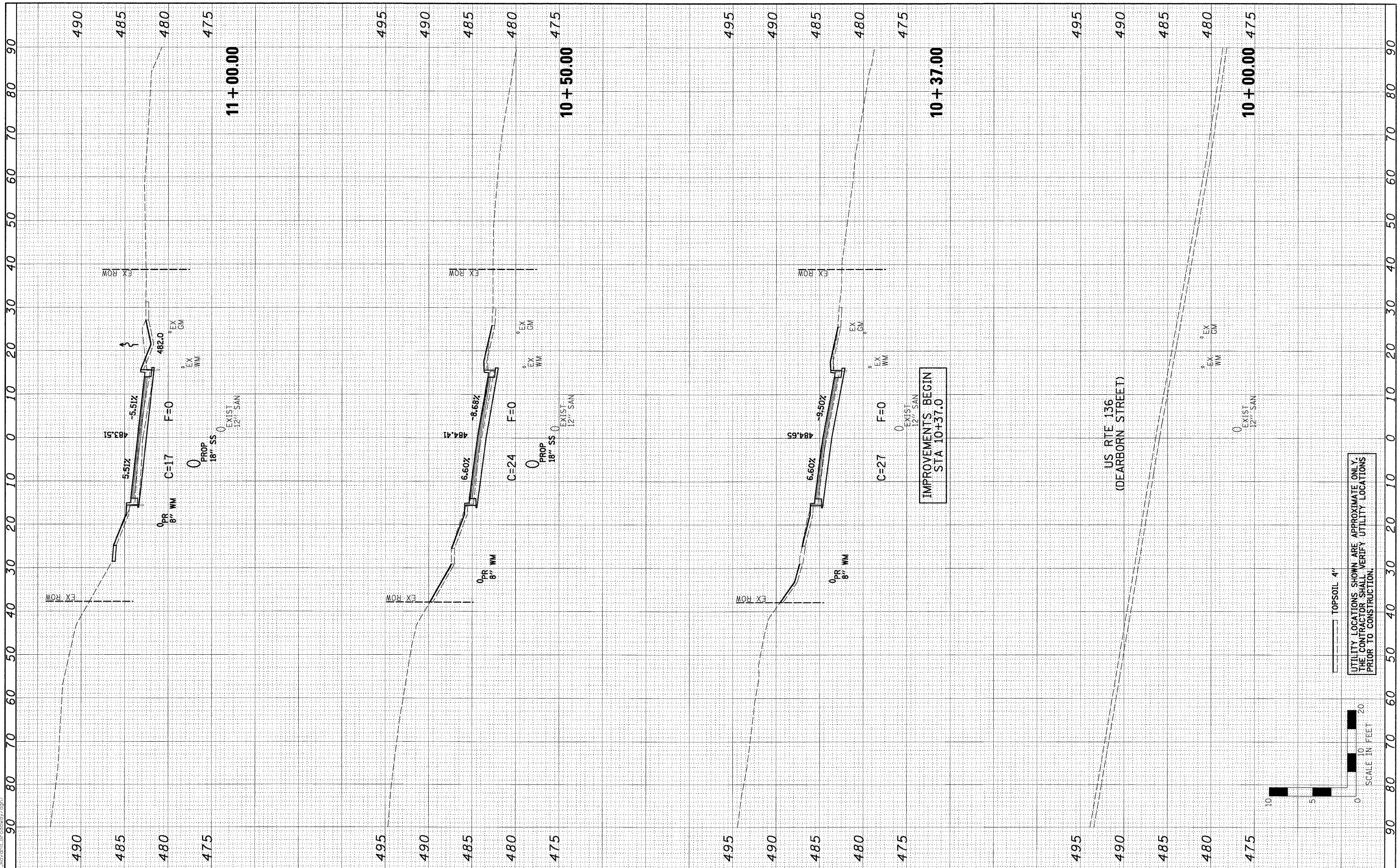
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	34
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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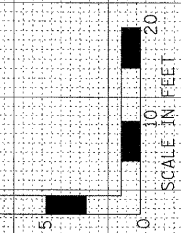
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CHECKED -	ERB/RDY	REVISED -	
DATE -	09/29/09	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CITY OF HAVANA - BROADWAY STREET CROSS SECTIONS			
SCALE: H=10, V=5	SHEET NO.	OF SHEETS	STA. 10+00.00 TO STA. 11+00.00

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



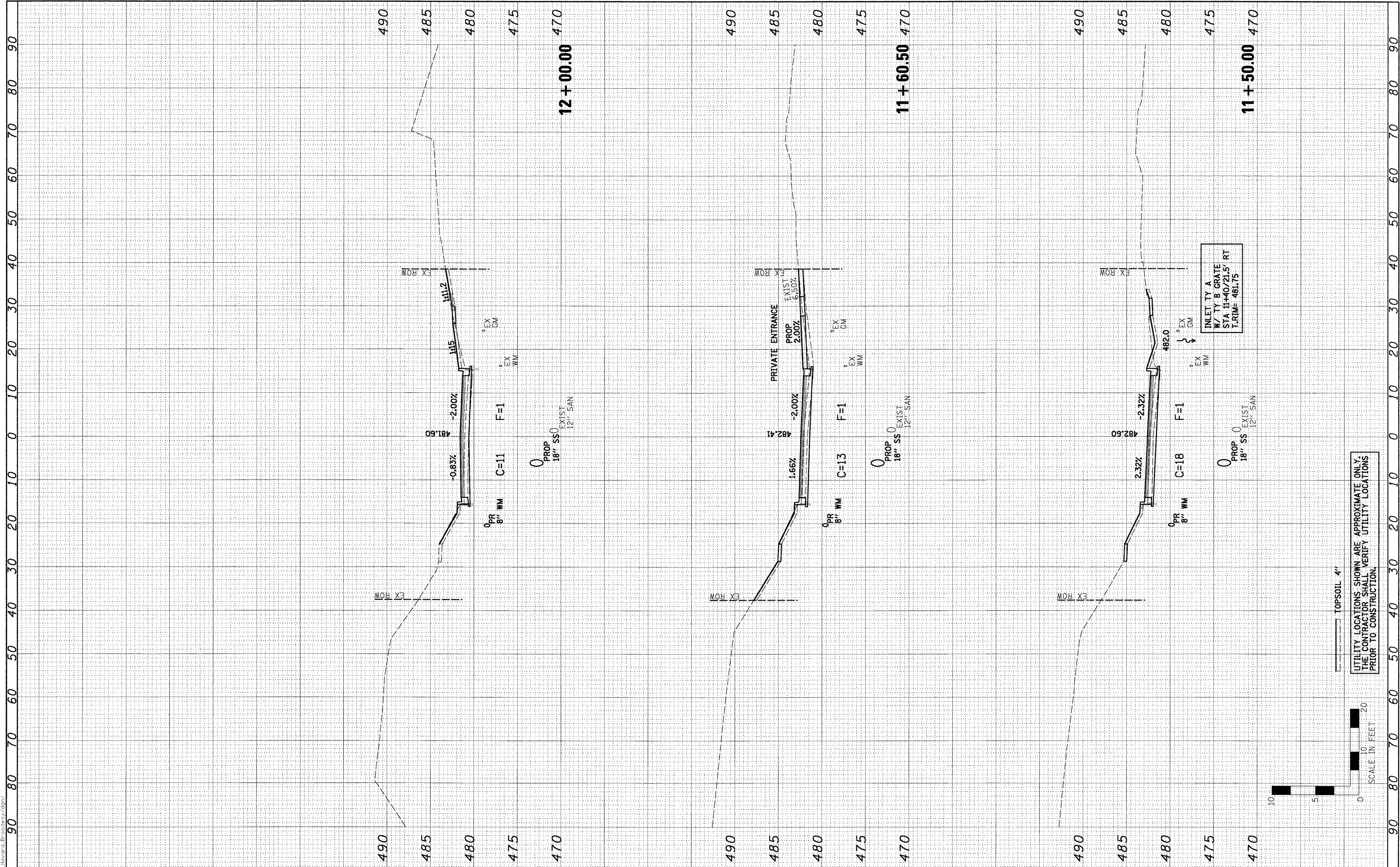
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UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS
PRIOR TO CONSTRUCTION.

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

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

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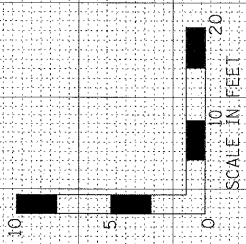
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: H=10, V=5 SHEET NO. OF SHEETS STA. 11+50.00 TO STA. 12+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	36
CONTRACT NO. 93502				
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT				

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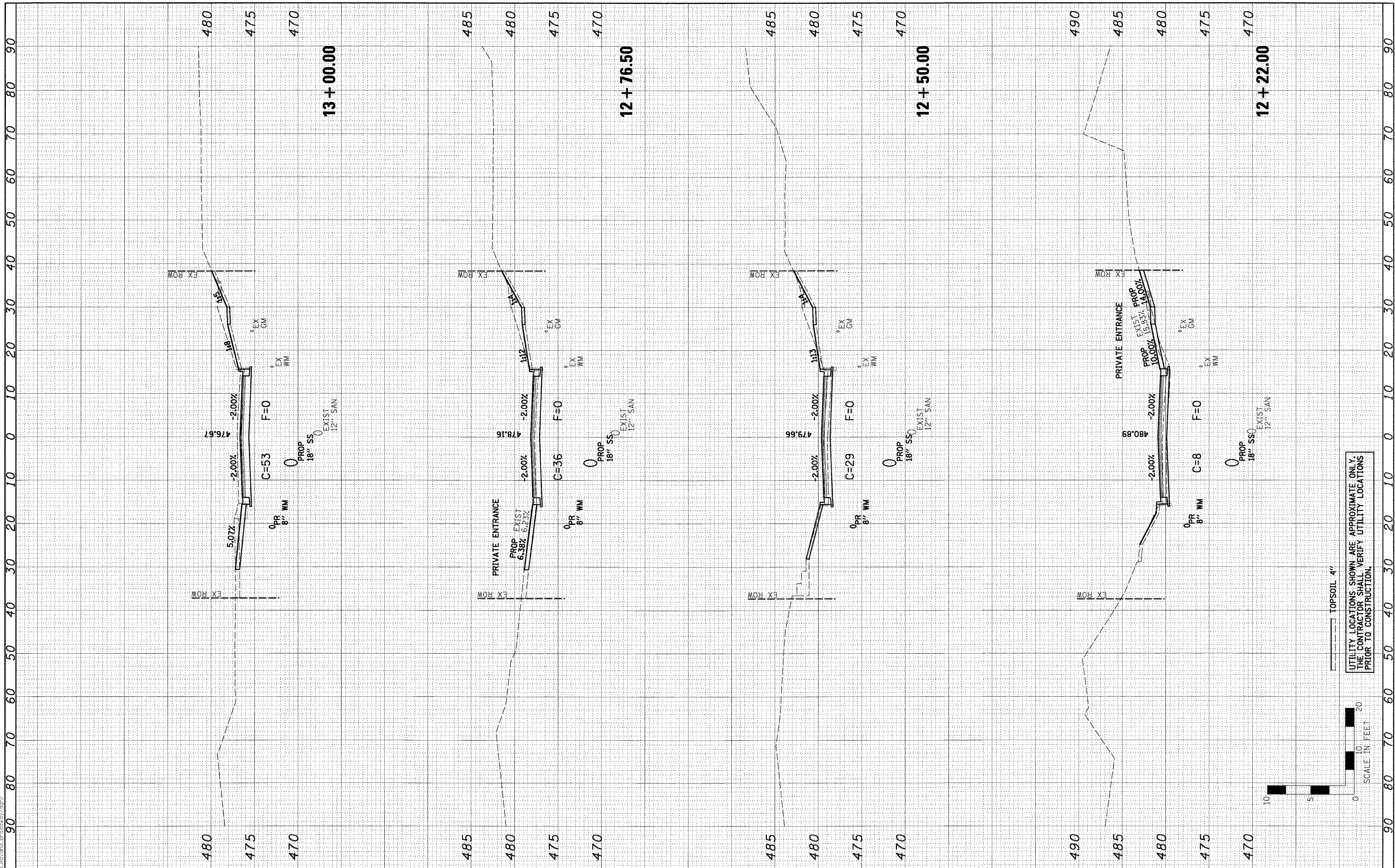


UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS
PRIOR TO CONSTRUCTION.

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ORIGINAL SURVEY	SURVEYED	BY	DATE
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UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
 THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS
 PRIOR TO CONSTRUCTION.

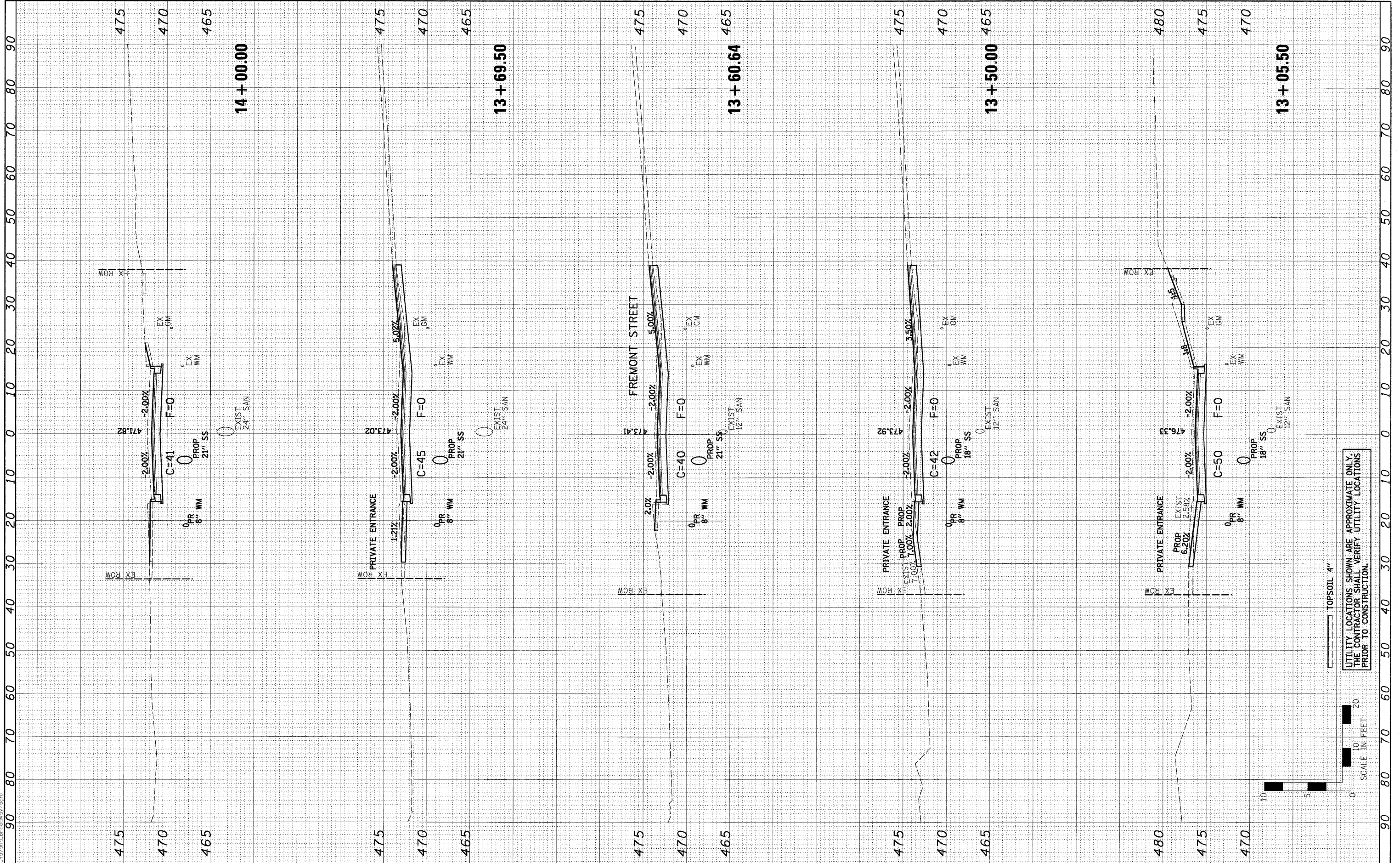
TOPSOIL 4"



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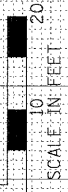
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UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
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PRIOR TO CONSTRUCTION.

TOPSOIL 4"



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

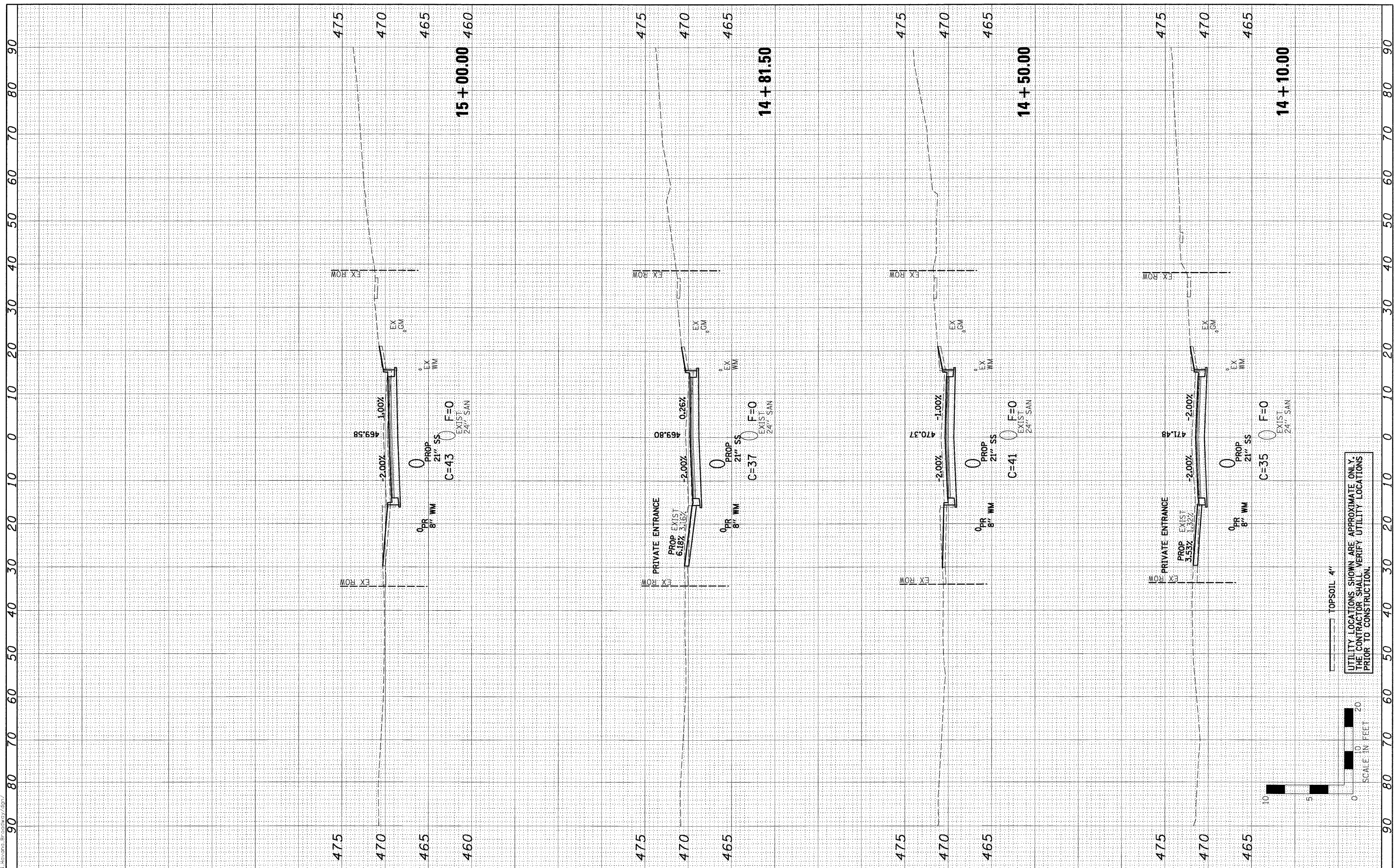
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	38
FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT
CONTRACT NO. 9 350 2				

FINAL SURVEY	SURVEYED	BY	DATE
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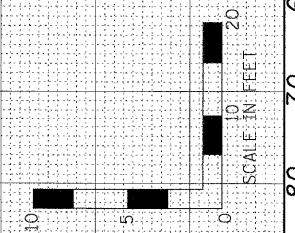
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DEPARTMENT OF TRANSPORTATION**

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

SCALE: H=10, V=5 SHEET NO. OF SHEETS STA. 14+10.00 TO STA. 15+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	39
CONTRACT NO. 9 3 5 0 2				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

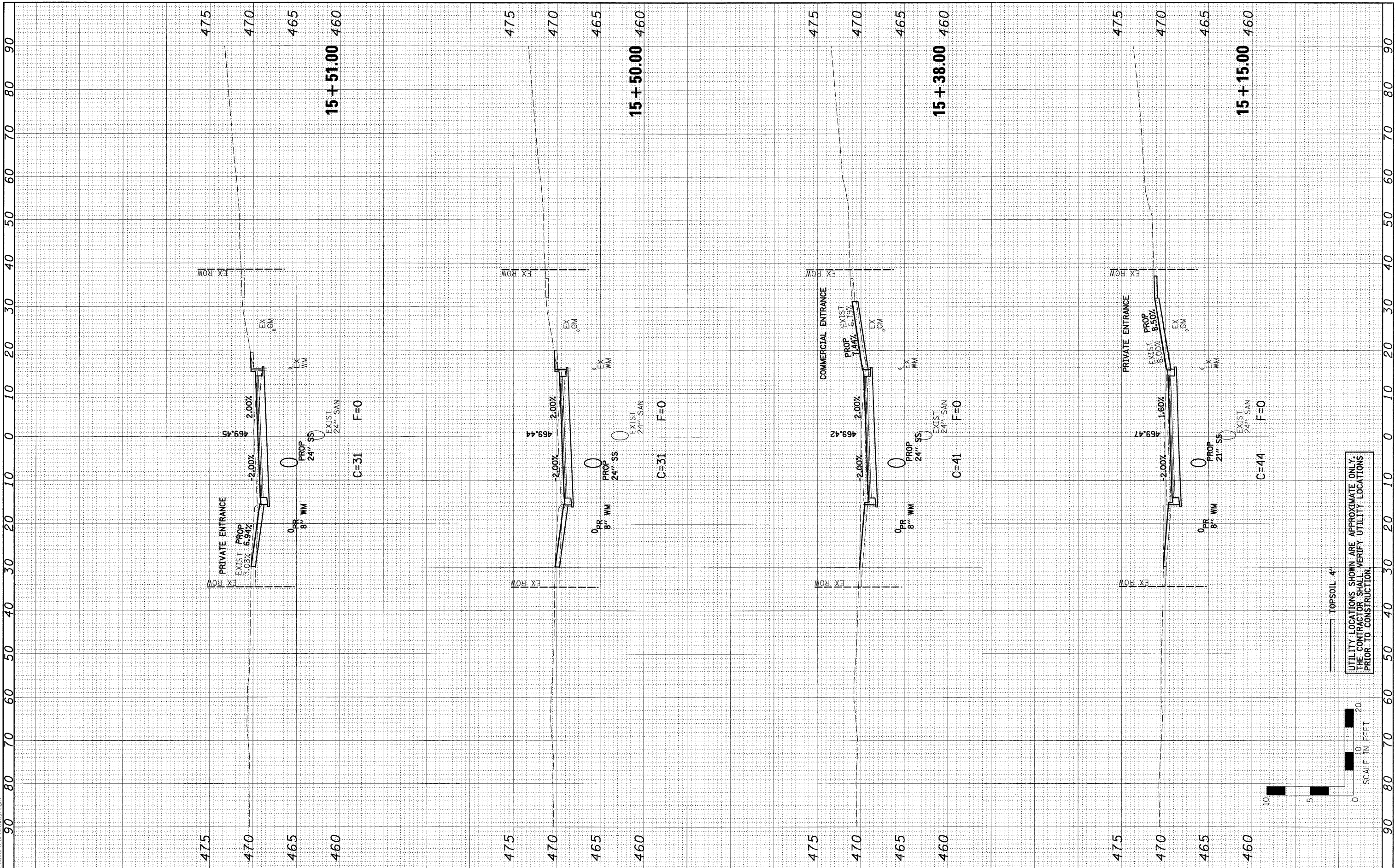


UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
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 PRIOR TO CONSTRUCTION.

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

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

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DATE -	09/29/09
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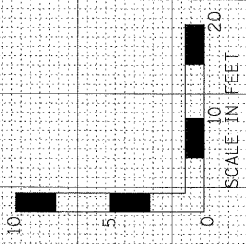
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: H=10, V=5

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

SCALE: H=10, V=5 SHEET NO. OF SHEETS STA. 15+15.00 TO STA. 15+15.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	40
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

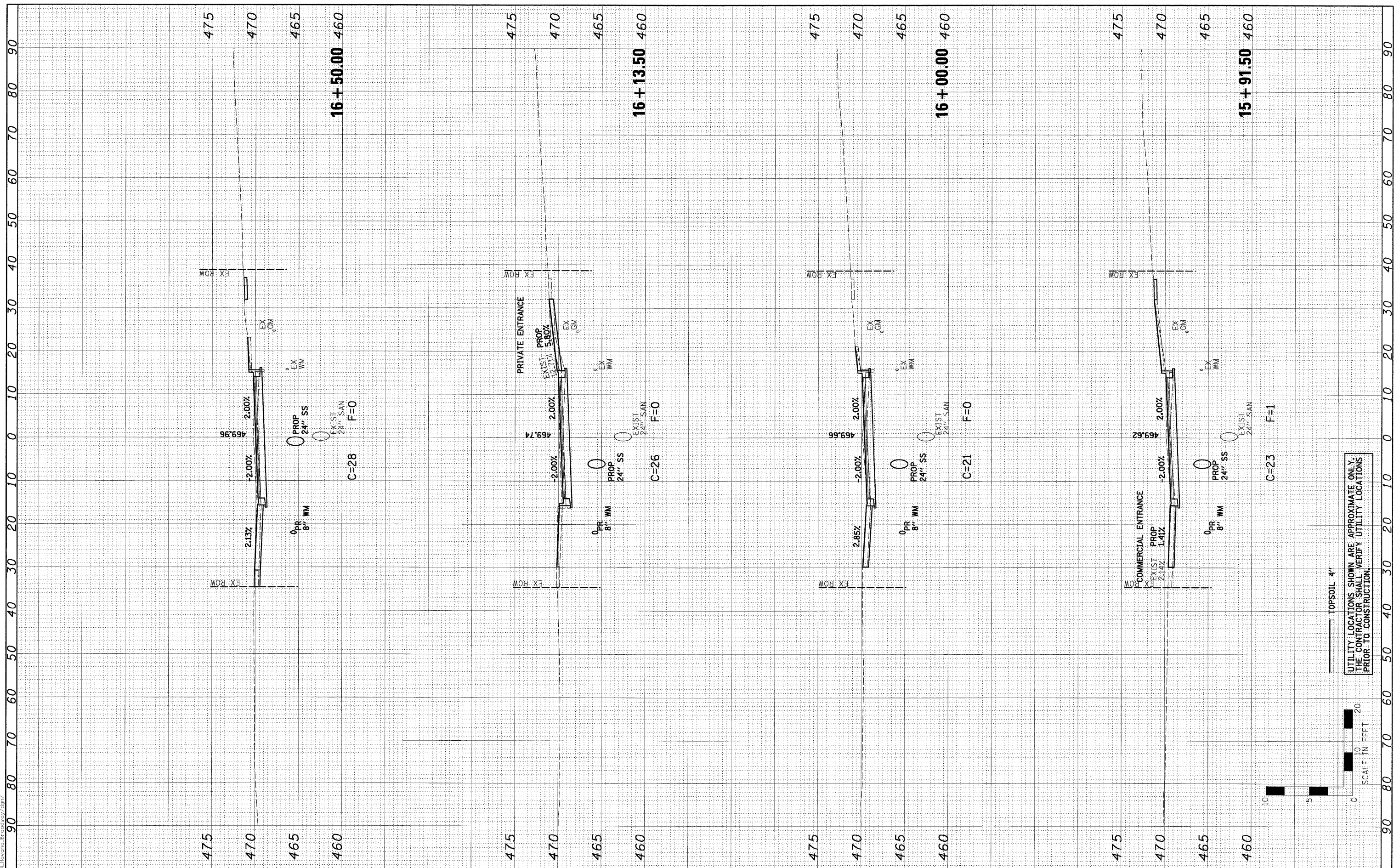


UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
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FINAL SURVEY	SURVEYED	BY	DATE
SURVEY BOOK	PLOTTED		
NOTE BOOK	TEMPLATE		
AREAS CHECKED			

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

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DATE -	09/29/09	REVISED -	

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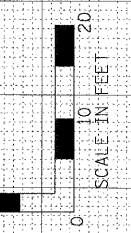
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	41
CONTRACT NO. 93502				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

Farnsworth GROUP 7707 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
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 www.f-w.com

UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
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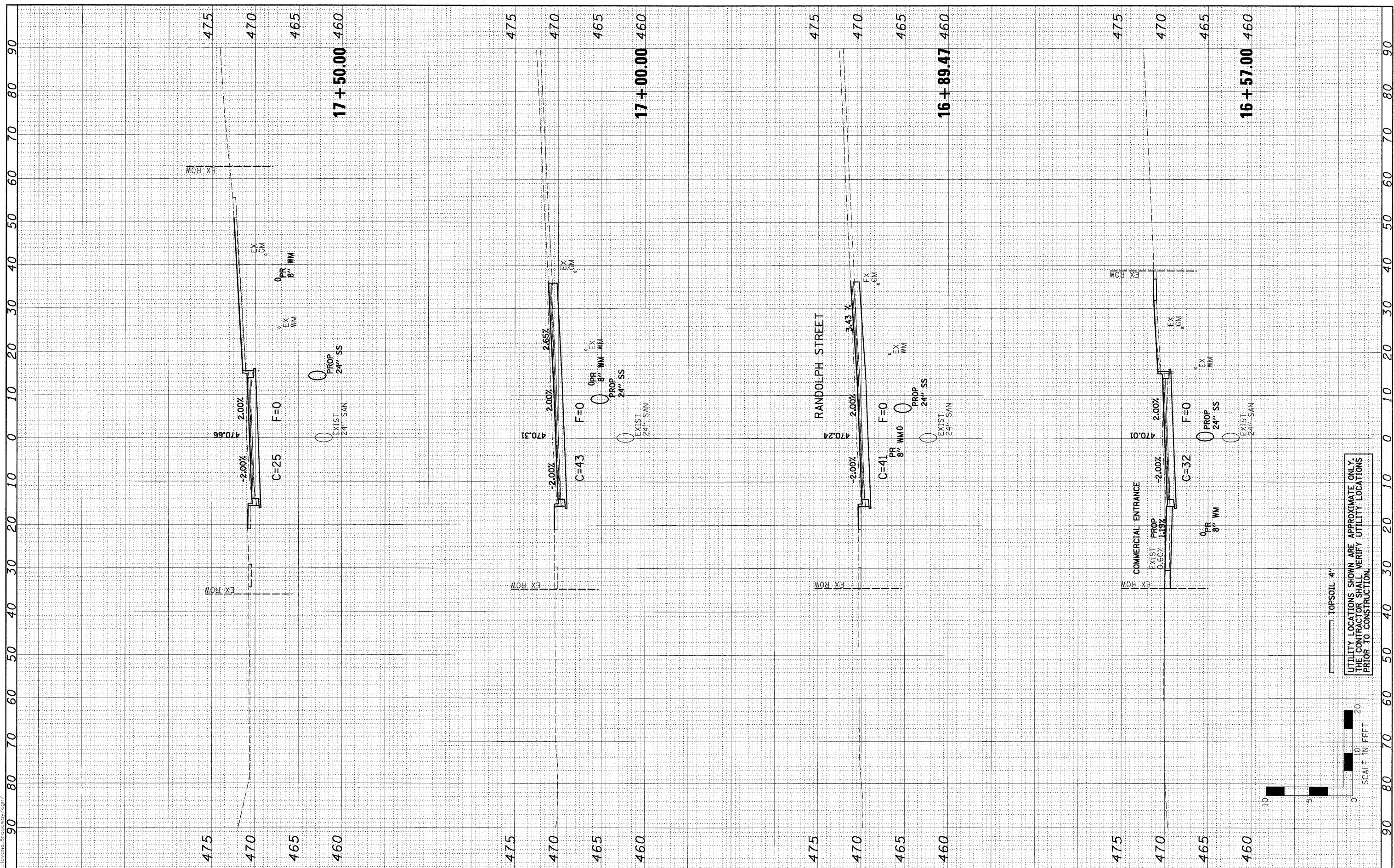
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NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

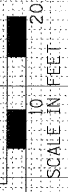
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NOTE BOOK	PLOTTED		
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TOPSOIL 4"



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DATE -	09/29/09	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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 www.farnsworth.com

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

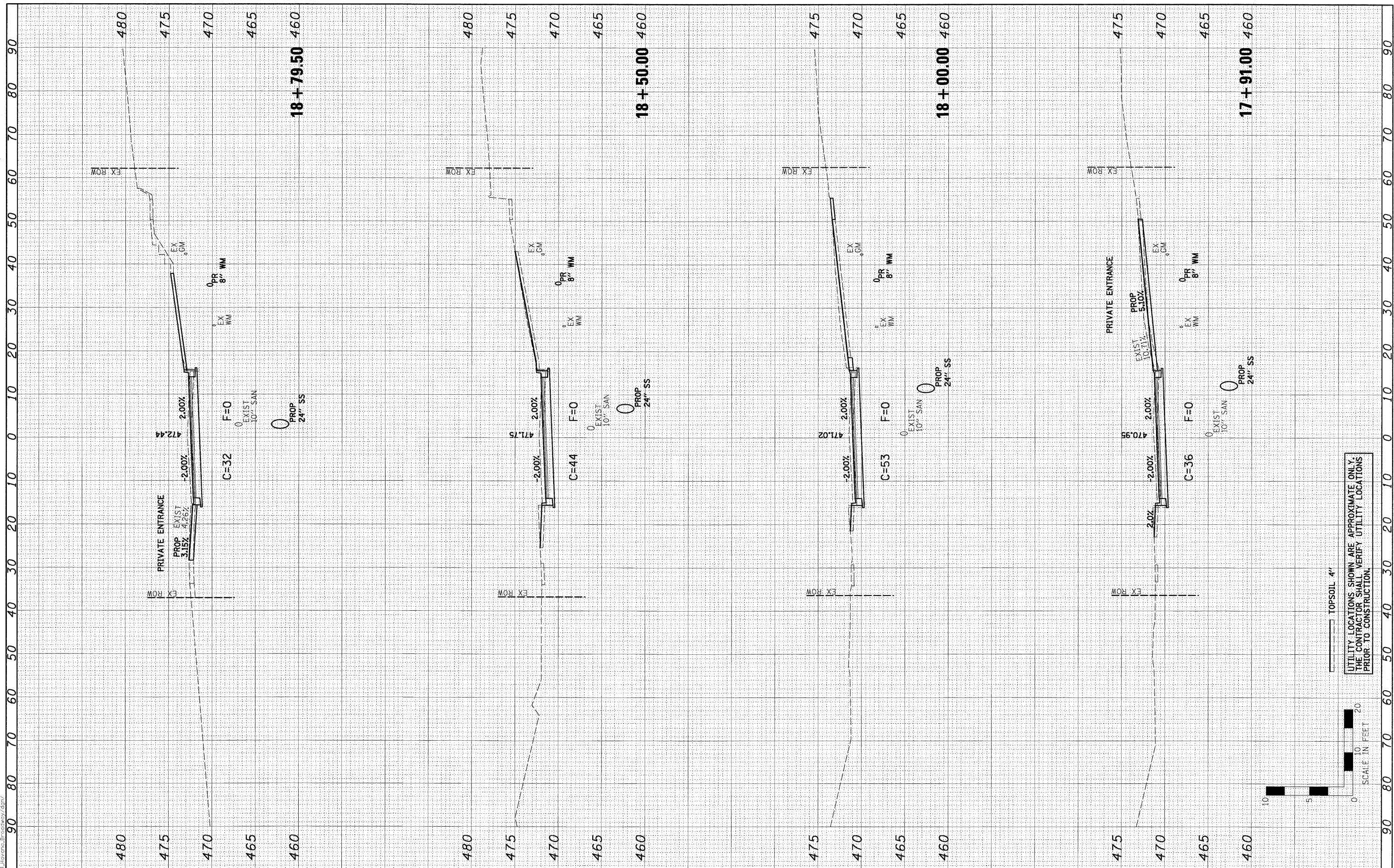
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	42
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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

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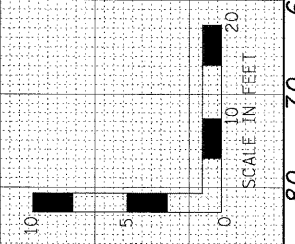
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: H=10, V=5
 SHEET NO. OF SHEETS STA. 17+91.00 TO STA. 18+79.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	43
CONTRACT No. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

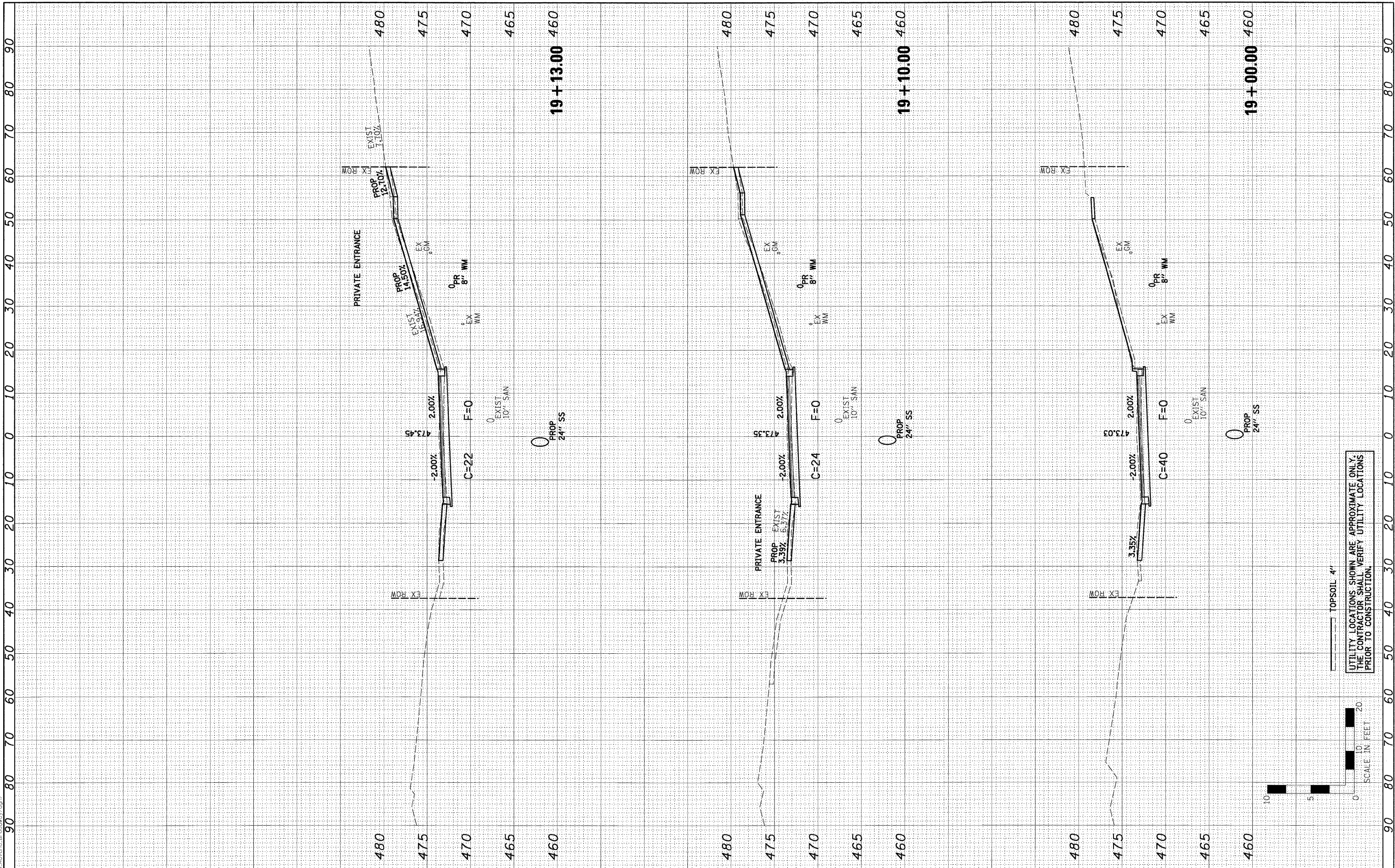


UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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

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

TOPSOIL: 4"

SCALE IN FEET
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CHECKED -	ERB/RDY	REVISED -	
DATE -	09/29/09	REVISED -	

DESIGNED -	PSA	REVISED -	
DRAWN -	JTC	REVISED -	
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DATE -	09/29/09	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

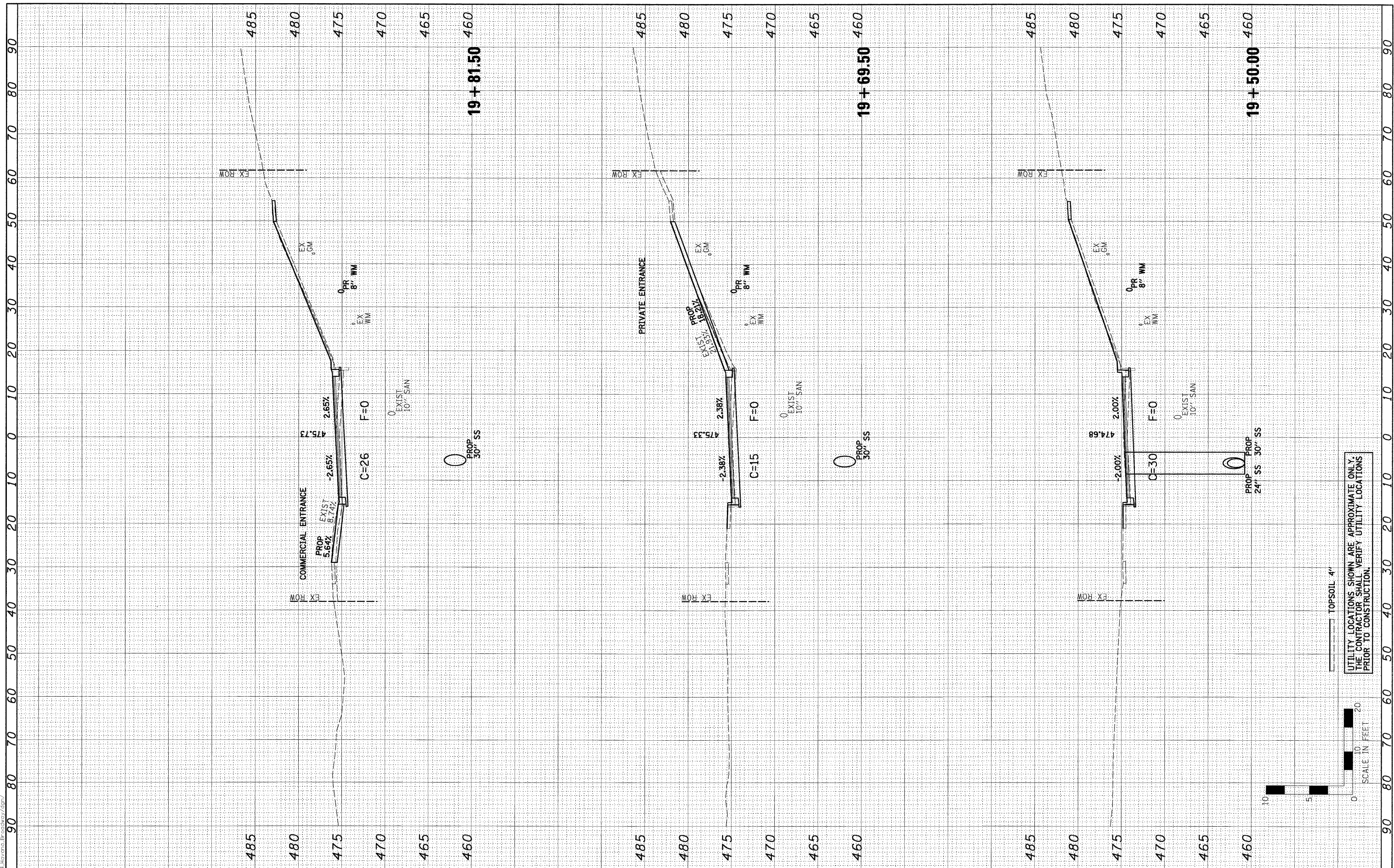
**CITY OF HAVANA - BROADWAY STREET
CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	44
CONTRACT NO. 3502				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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NOTE BOOK	PLOTTED		
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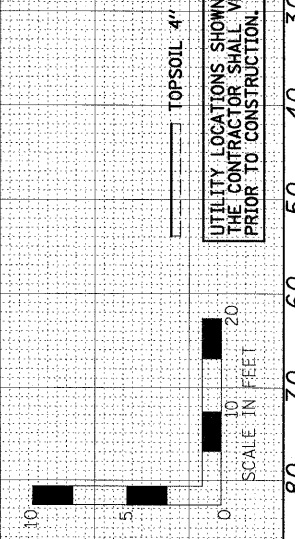
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: H=10, V=5 SHEET NO. OF SHEETS STA. 19+50.00 TO STA. 19+81.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	45
CONTRACT NO. 9 3 5 0 2				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

Farnsworth GROUP 7707 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
 (309)689-9883 (309)689-9820 FAX www.f-w.com

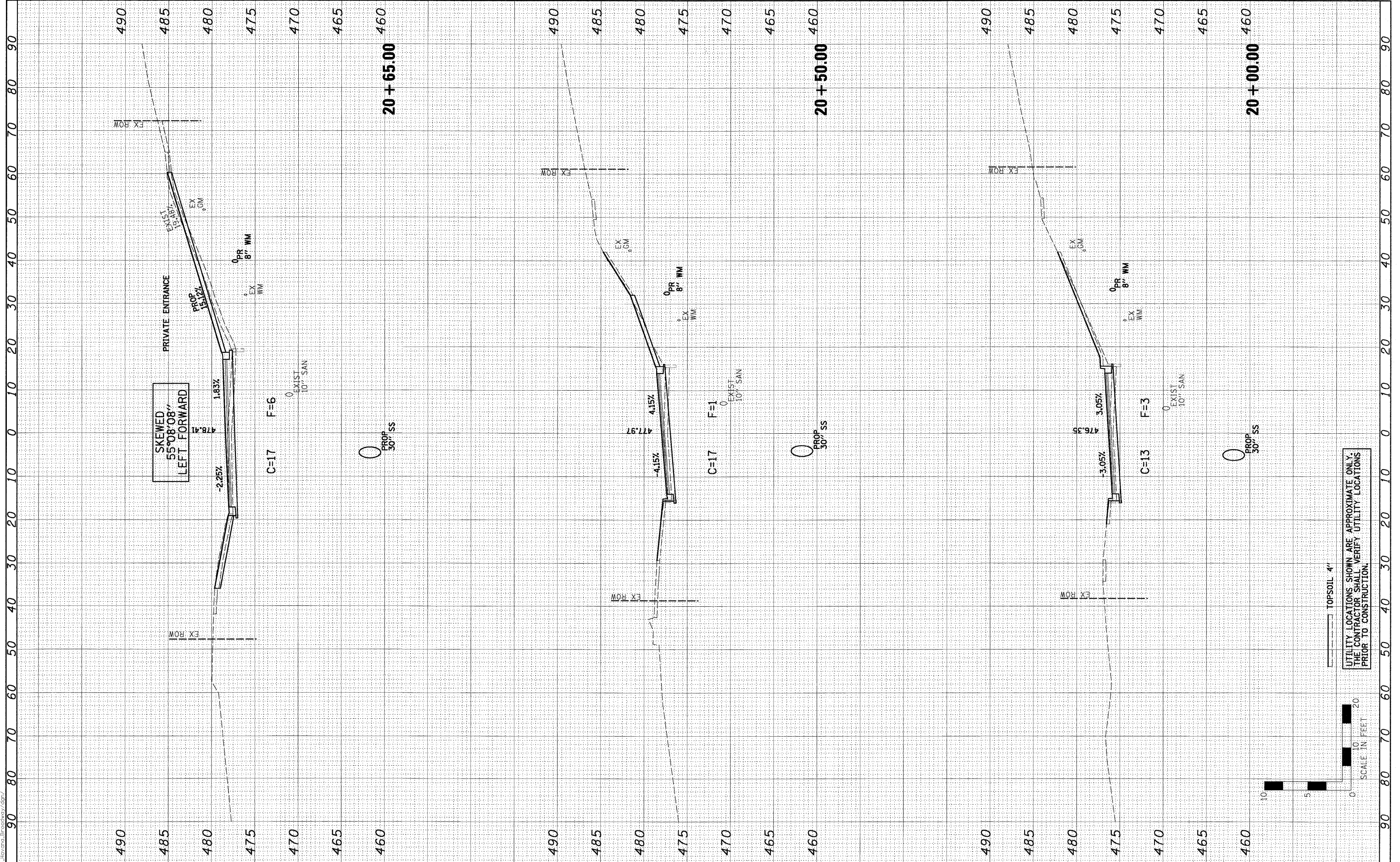


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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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

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

TOPSOIL 4"

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DATE -	09/29/09	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

1707 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
309968-9868 / 309969-9820 FAX
www.i-t.com

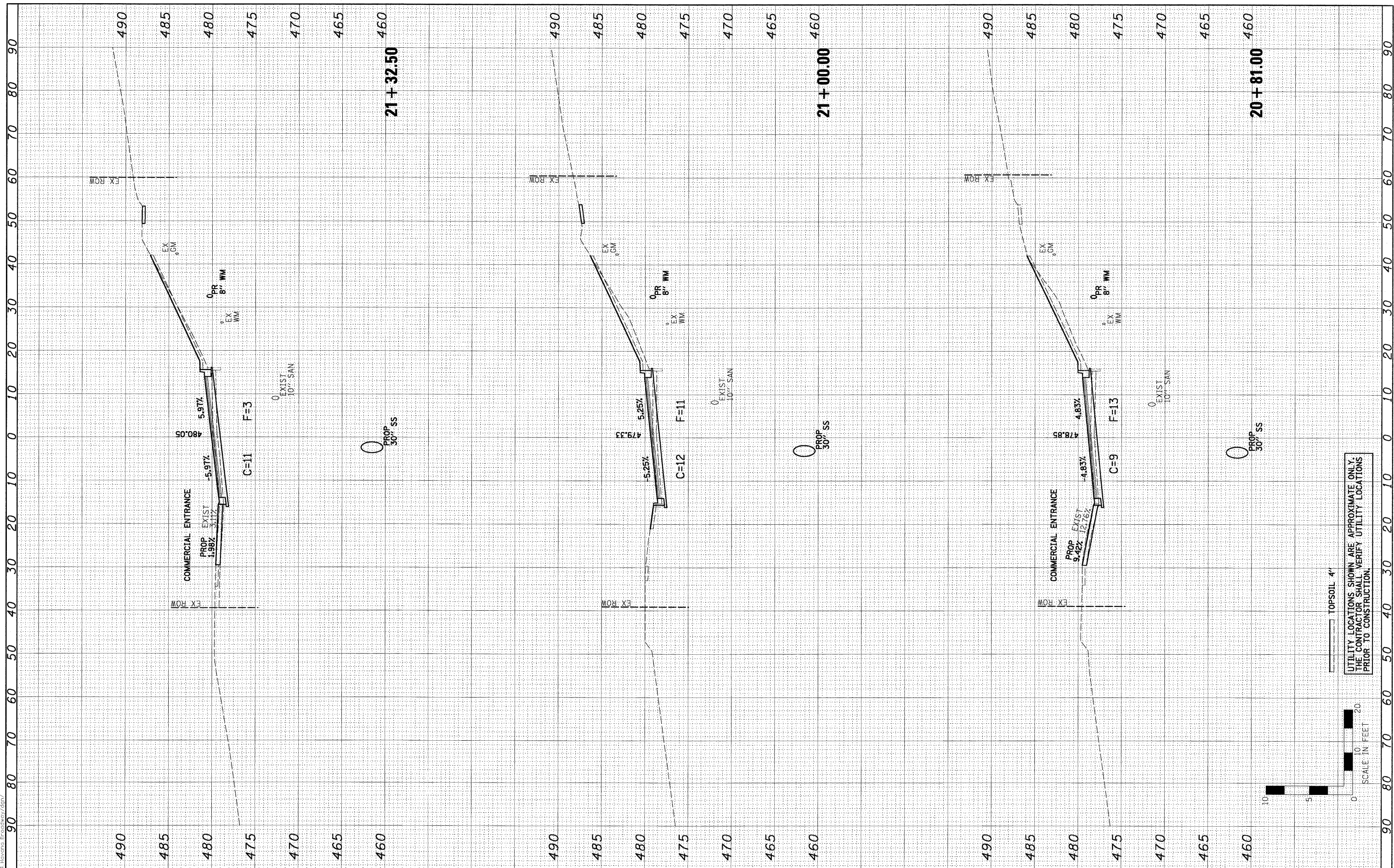
CITY OF HAVANA - BROADWAY STREET CROSS SECTIONS			
SCALE: H=10, V=5	SHEET NO. OF SHEETS	STA. 20+00.00 TO STA. 20+65.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	46
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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	CHECKED		

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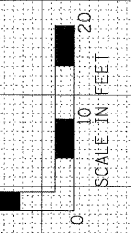
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CITY OF HAVANA - BROADWAY STREET CROSS SECTIONS			
SCALE: H=10, V=5	SHEET NO.	OF SHEETS	STA. 20+81.00 TO STA. 21+32.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	47
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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 www.f-w.com

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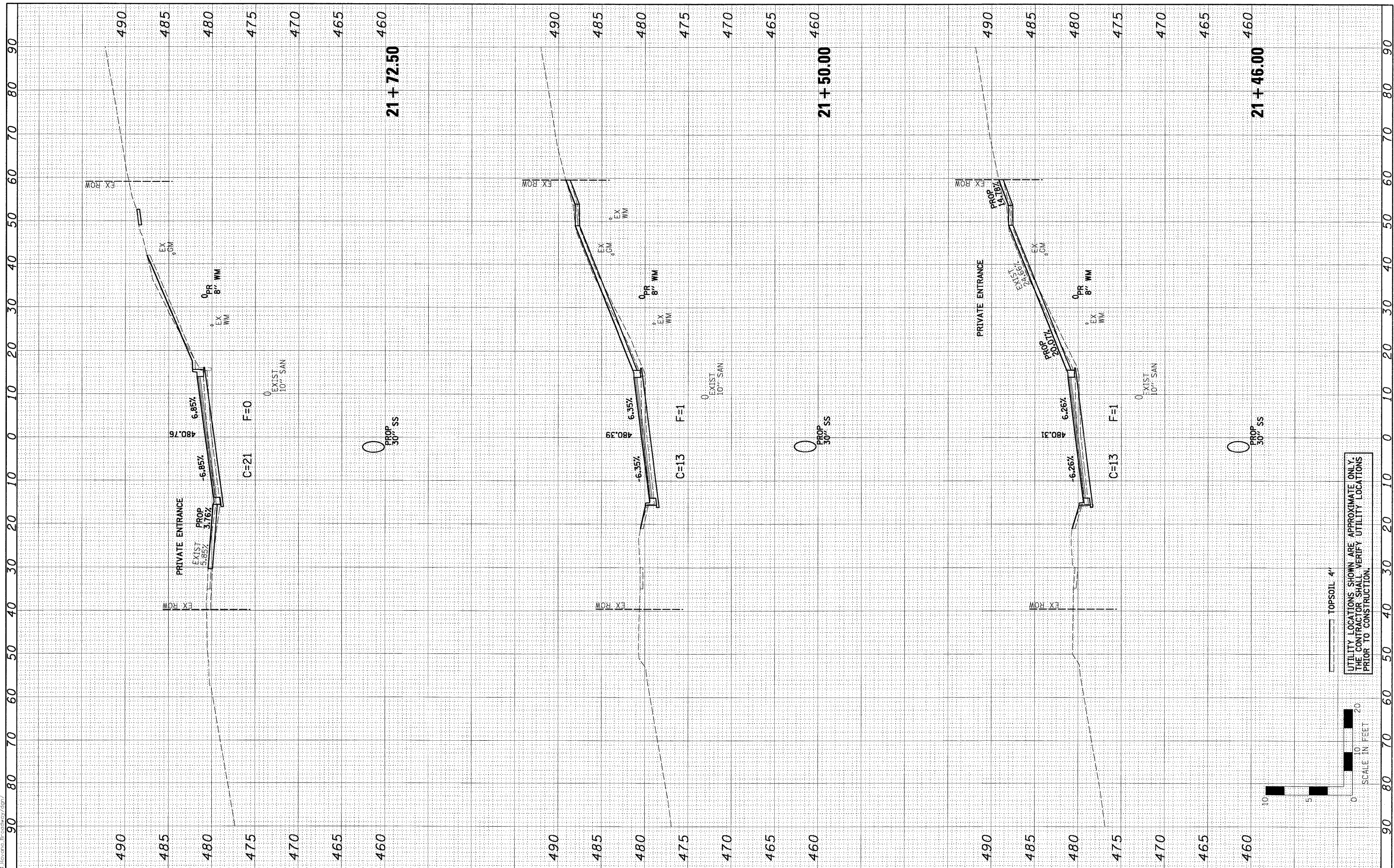


TOPSOIL 4"

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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DATE -	09/29/09	REVISED -	

DESIGNED -	PSA	REVISED -	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

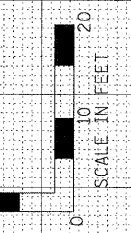
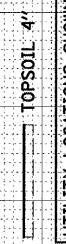
**CITY OF HAVANA - BROADWAY STREET
 CROSS SECTIONS**

SCALE: H=10, V=5 SHEET NO. OF SHEETS STA. 21+46.00 TO STA. 21+72.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	48
CONTRACT NO. 9 3 5 0 2				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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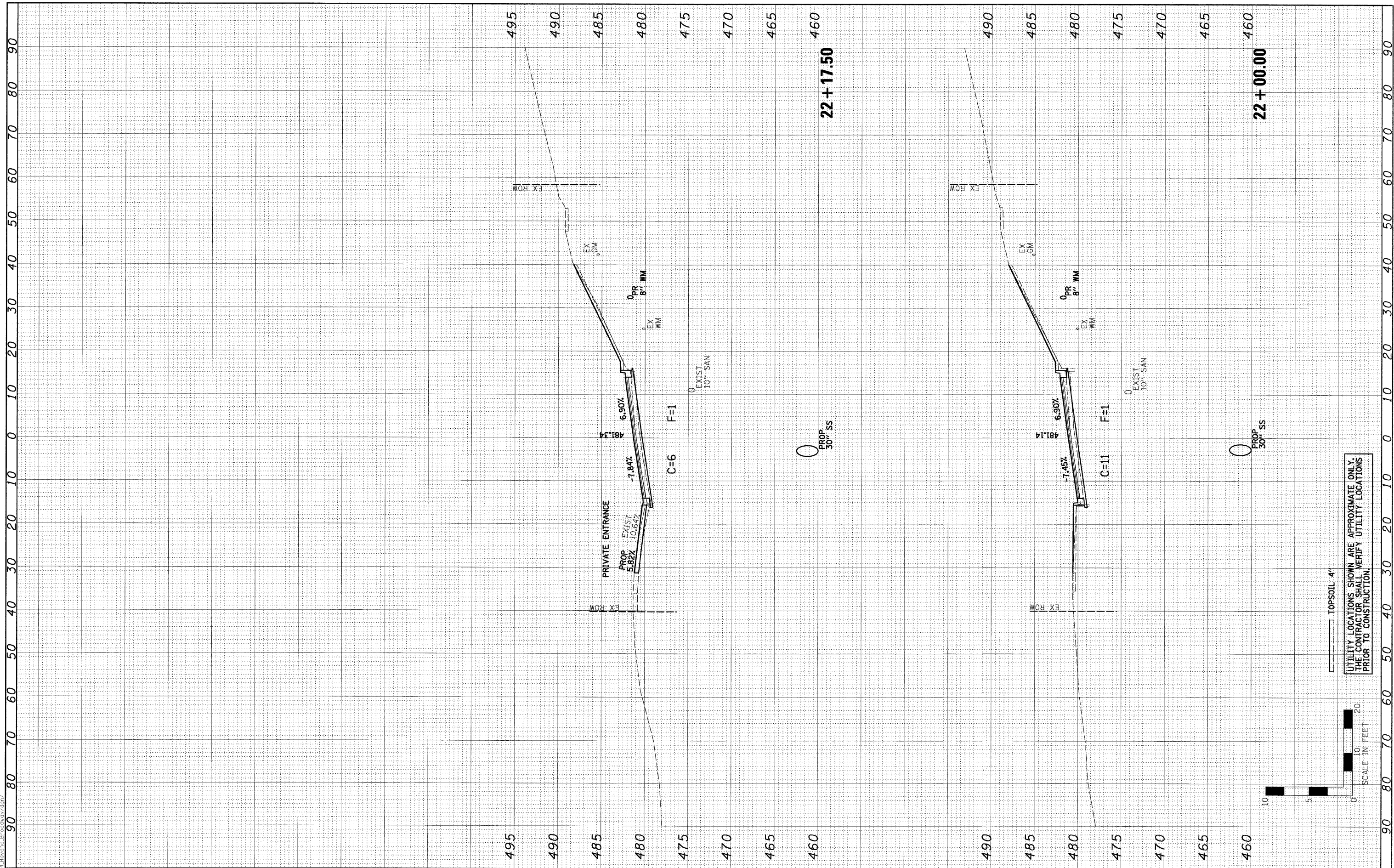
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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DESIGNED -	PSA		
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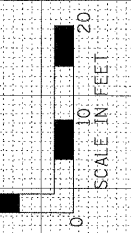
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: H=10, V=5 SHEET NO. OF SHEETS STA. 22+00.00 TO STA. 22+17.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	49
CONTRACT NO. 9 3 5 0 2				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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

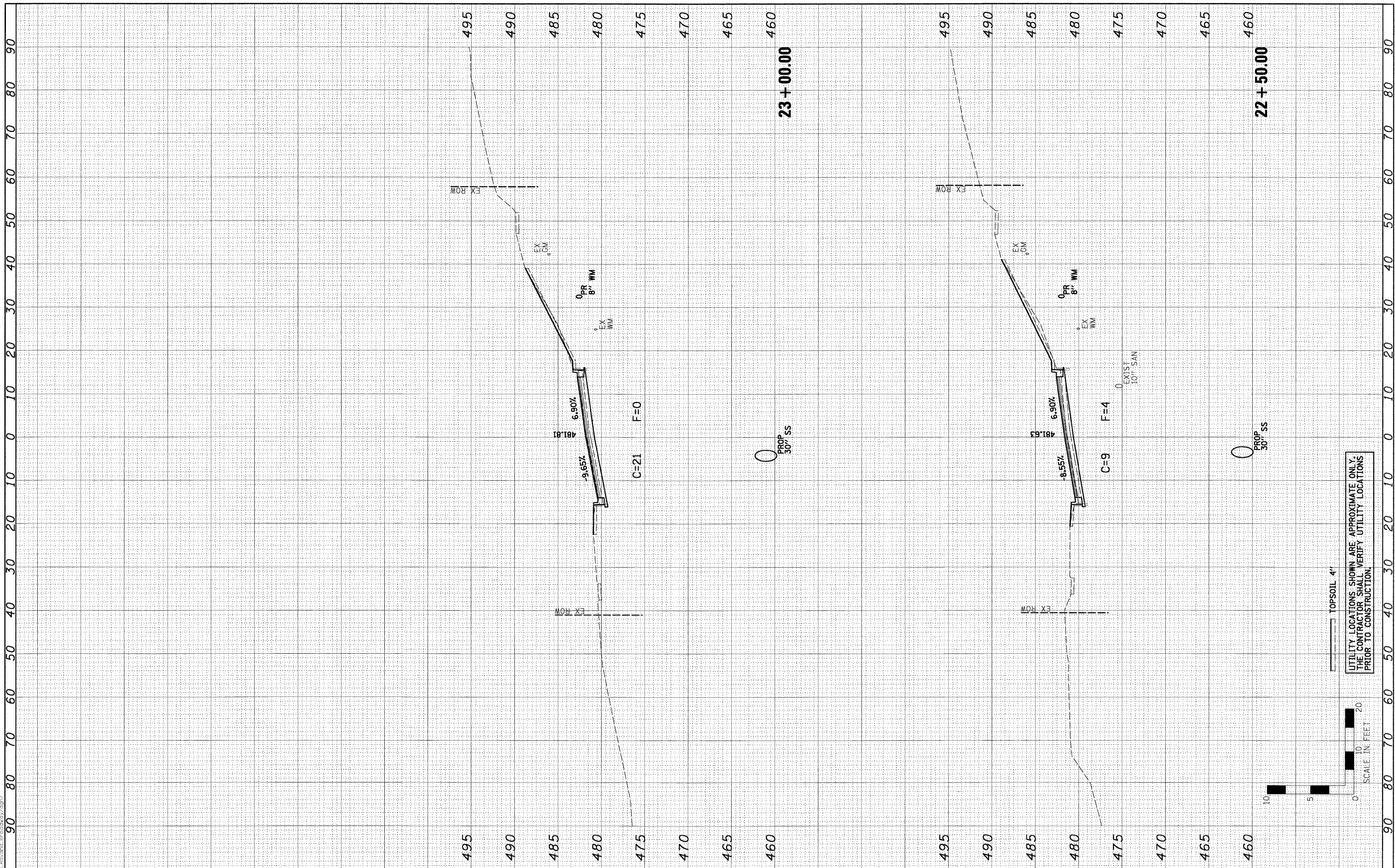


TOPSOIL 4"

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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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PLOT SCALE =	CHECKED - ERB/RDY	REVISED -	SCALE: H=10, V=5			SHEET NO. OF SHEETS	STA. 22+50.00 TO STA. 23+00.00	05-00035-00-SS	MASON	60	50
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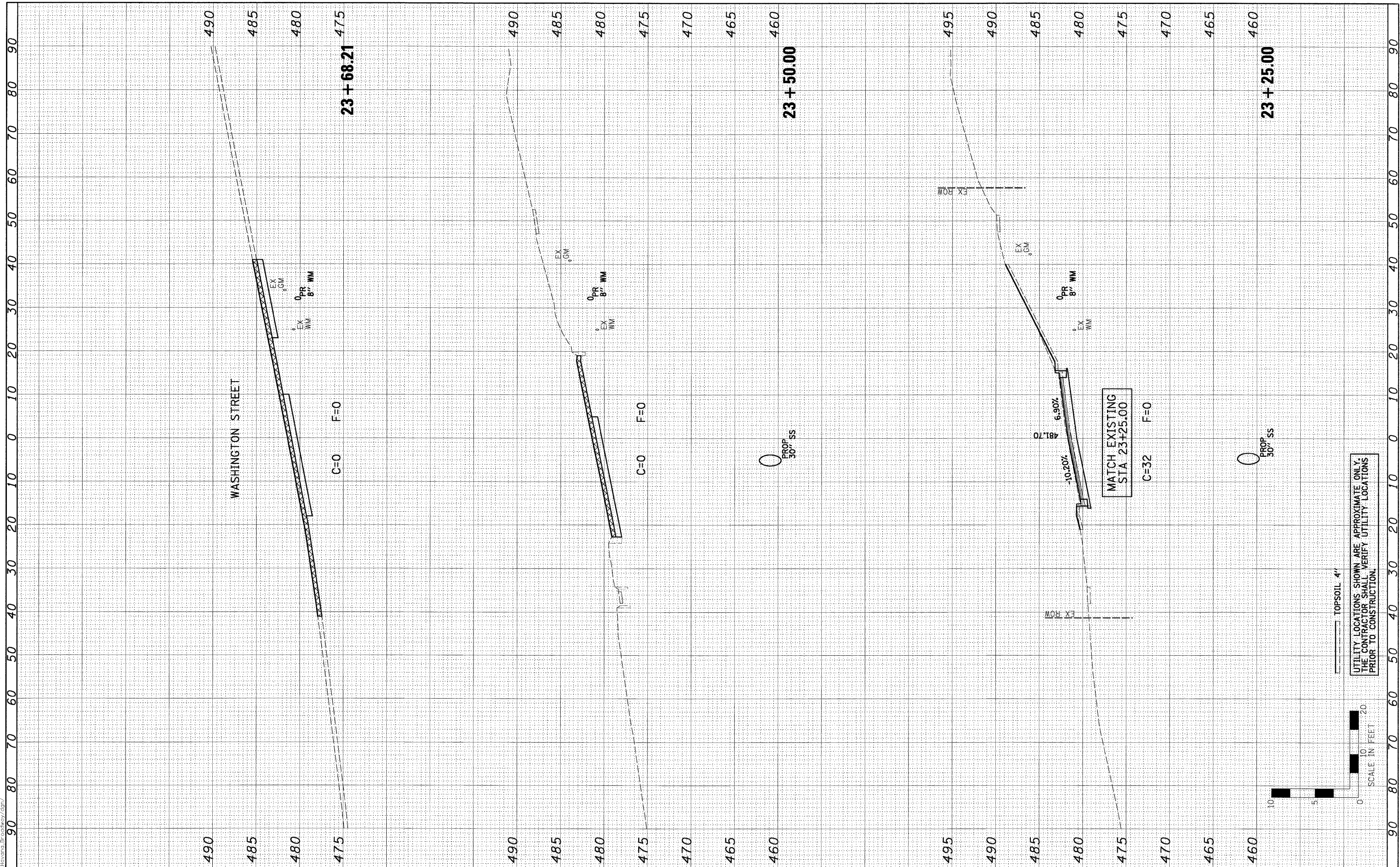
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SCALE IN FEET
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FINL	SURVEYED	BY	DATE
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NO.	NO.		
NO.	NO.		

ORIGINAL	SURVEYED	BY	DATE
NO.	NO.		
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NO.	NO.		

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DESIGNED - PSA
 DRAWN - JTC
 CHECKED - ERB/RDY
 DATE - 09/29/09

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: H=10, V=5 SHEET NO. OF SHEETS STA. 23+25.00 TO STA. 23+68.21

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	51
CONTRACT NO. 93502				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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

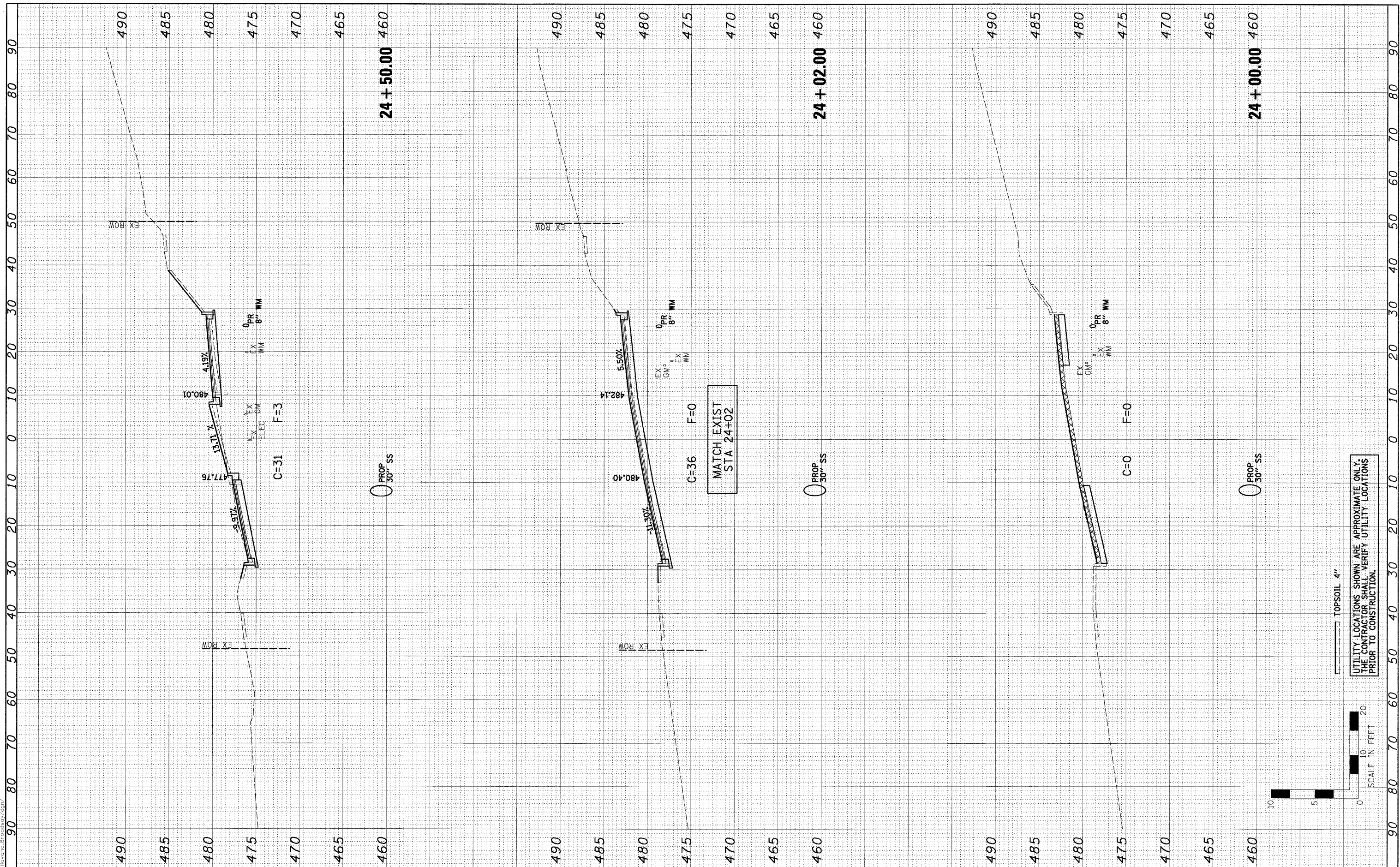
TOPSOIL 4'

SCALE IN FEET
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FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMP. DATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMP. DATE	
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DESIGNED - PSA
 DRAWN - JTC
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 DATE - 09/29/09

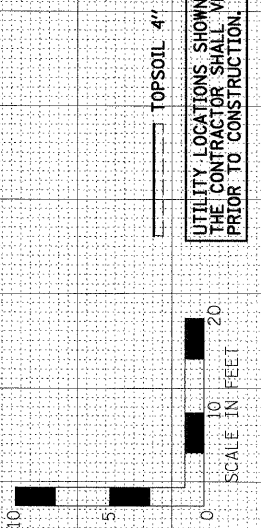
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

Farnsworth GROUP 7707 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
 (309)689-9889 / (309)689-9820 FAX
 www.f-w.com

**CITY OF HAVANA - BROADWAY STREET
 CROSS SECTIONS**
 SCALE: H=10, V=5 SHEET NO. OF SHEETS STA. 24+00.00 TO STA. 24+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	52
CONTRACT NO. 93502				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

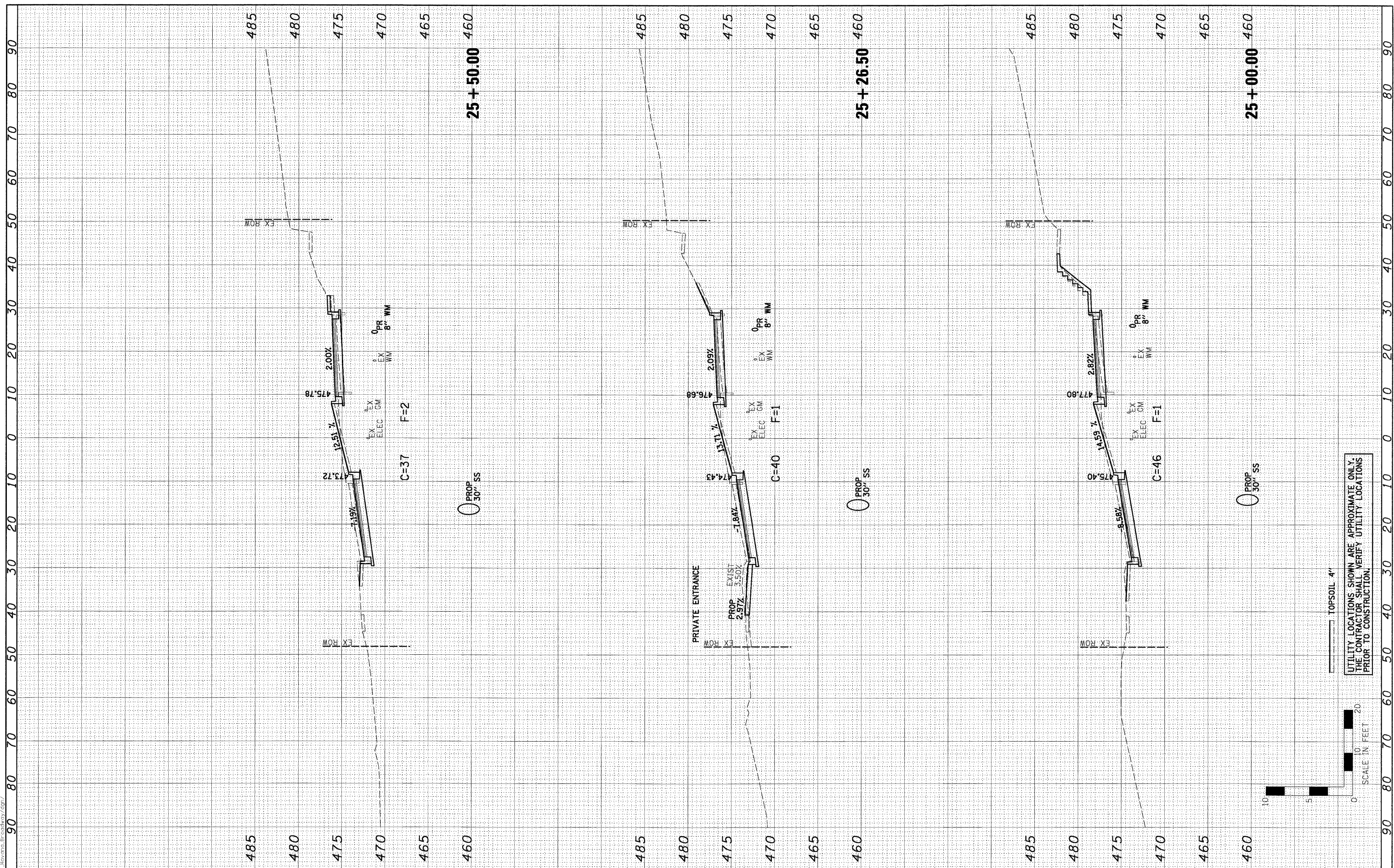


UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
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 PRIOR TO CONSTRUCTION.

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		
	CHECKED		

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

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DRAWN -	JTC	REVISED -	
CHECKED -	ERB/RDY	REVISED -	
DATE -	09/29/09	REVISED -	

DESIGNED -	PSA	REVISED -	
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DATE -	09/29/09	REVISED -	

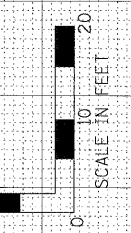
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	53
CONTRACT NO. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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 (309)689-9868 / (309)689-9820 FAX
 www.fg.com

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

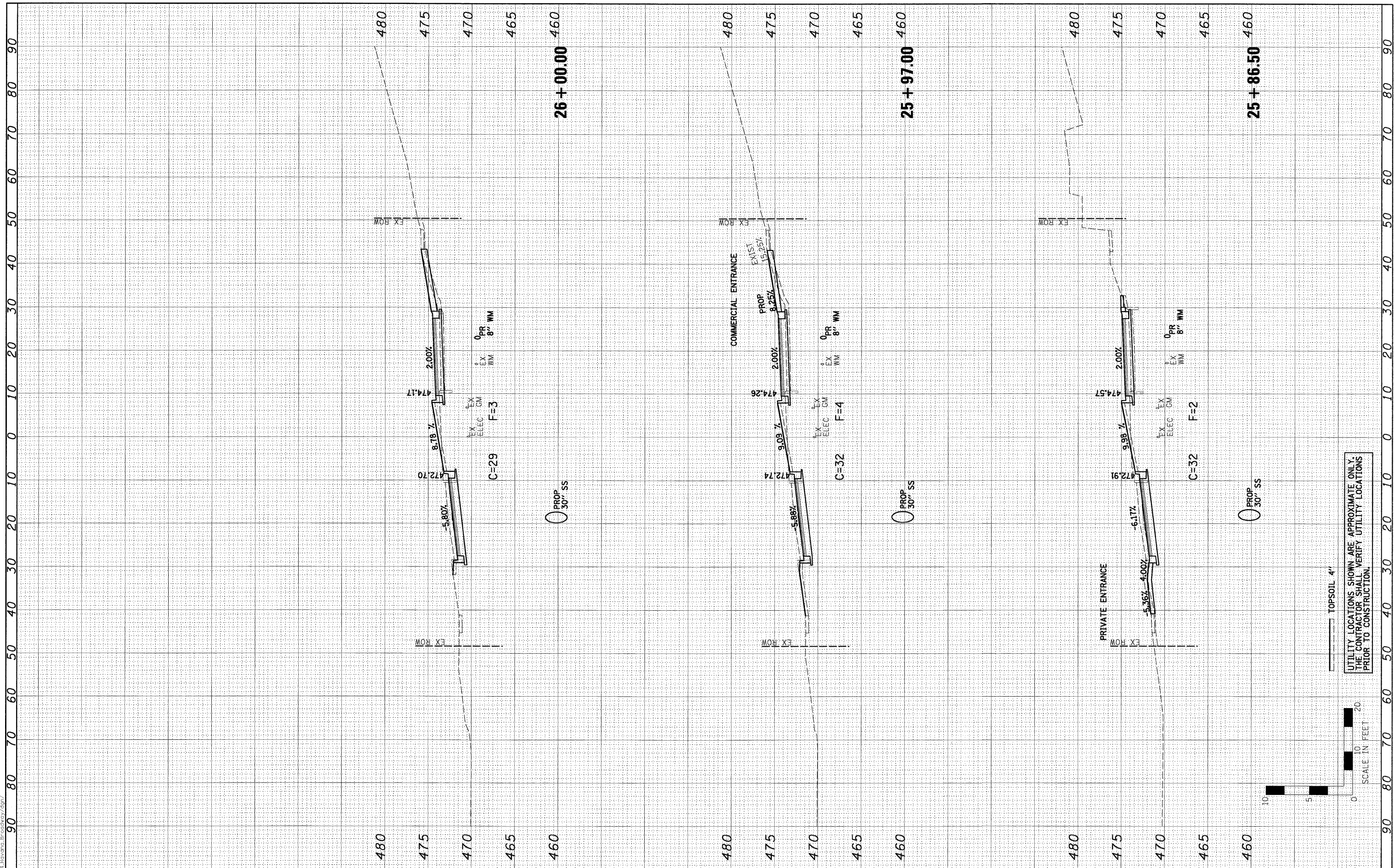


TOPSOIL 4"

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

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

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

TOPSOIL 4'

SCALE IN FEET
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FILE NAME =	0081364_XSECT-NTH.dgn
USER NAME =	
DESIGNED -	PSA
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REVISIONS	
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DESIGNED -	PSA
DRAWN -	JTC
CHECKED -	ERB/RDY
DATE -	09/29/09
REVISIONS	
REVISED -	
REVISED -	
REVISED -	

DESIGNED -	PSA
DRAWN -	JTC
CHECKED -	ERB/RDY
DATE -	09/29/09
REVISIONS	
REVISED -	
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REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

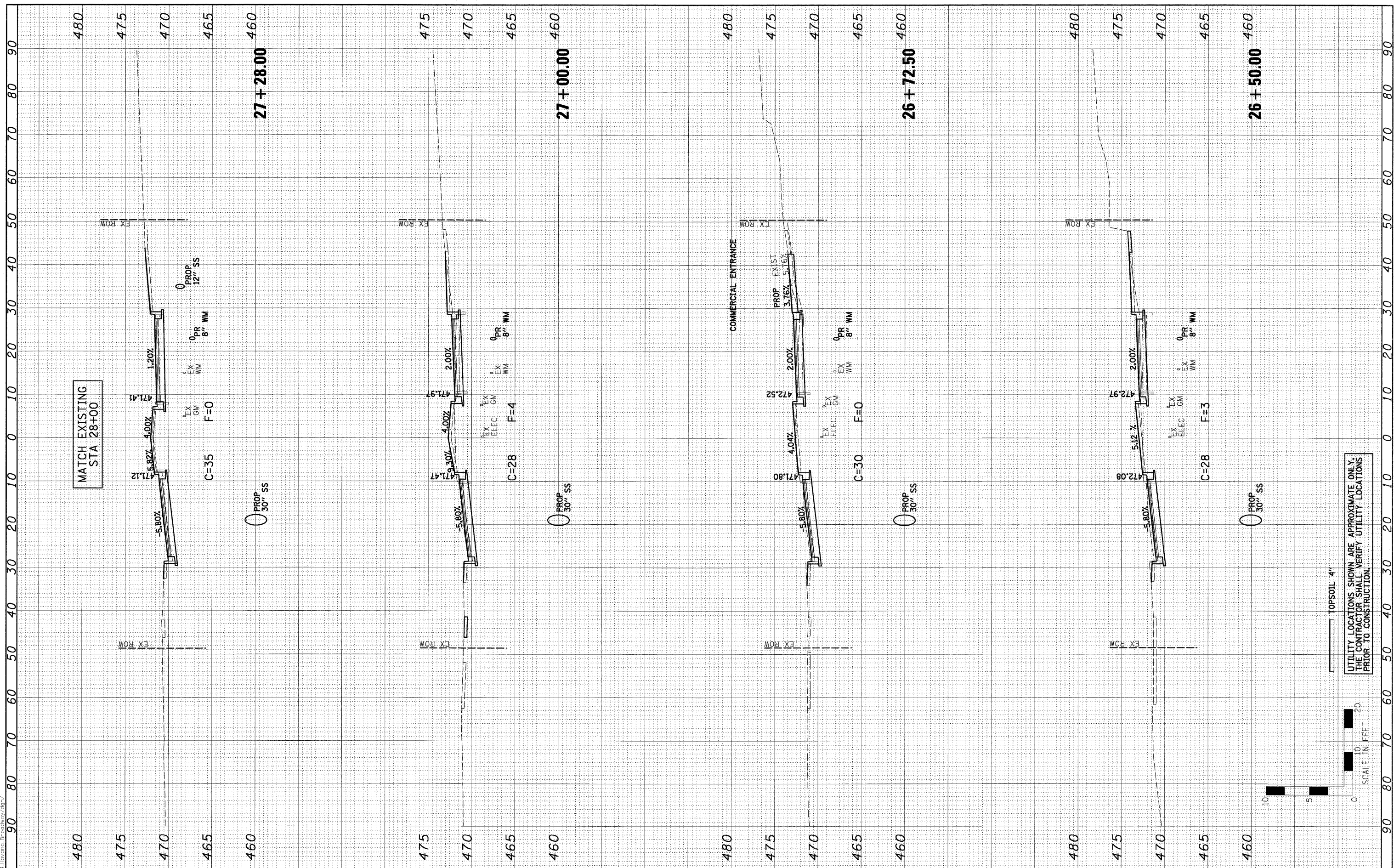
SCALE: H=10, V=5 SHEET NO. OF SHEETS STA. 25+86.50 TO STA. 26+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	54
CONTRACT NO. 93502				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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

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

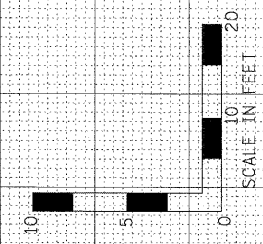
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 9/28/2009 08:18:41 AM



MATCH EXISTING
 STA 28+00

COMMERCIAL ENTRANCE

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



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USER NAME =	
PLOT SCALE =	
PLOT DATE =	9/28/2009 10:46:44 AM

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DRAWN -	JTC	REVISED -	
CHECKED -	ERB/RDY	REVISED -	
DATE -	09/29/09	REVISED -	

DESIGNED -	PSA	REVISED -	
DRAWN -	JTC	REVISED -	
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DATE -	09/29/09	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

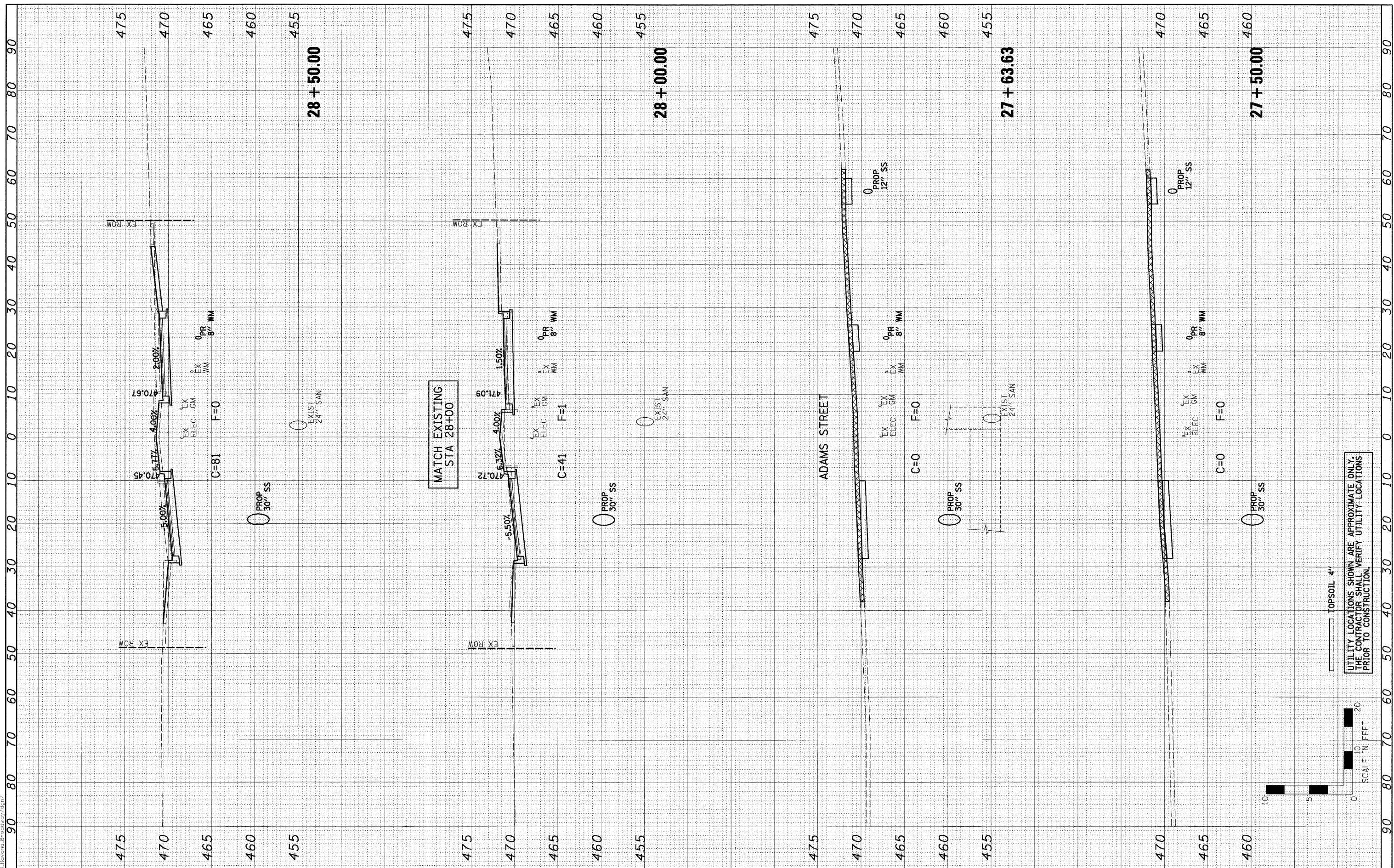
**CITY OF HAVANA - BROADWAY STREET
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	55
CONTRACT NO. 9 3 5 0 2				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FILED	SURVEYED	BY	DATE
SURVEY	FLOTTED		
NOTE BOOK	TEMPLATE		
AREAS	CHECKED		
NO.			

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

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MATCH EXISTING
STA 28+00

ADAMS STREET

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

DESIGNED	-	PSA	REVISED	-
DRAWN	-	JTC	REVISED	-
CHECKED	-	ERB/RDY	REVISED	-
DATE	-	09/29/09	REVISED	-

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

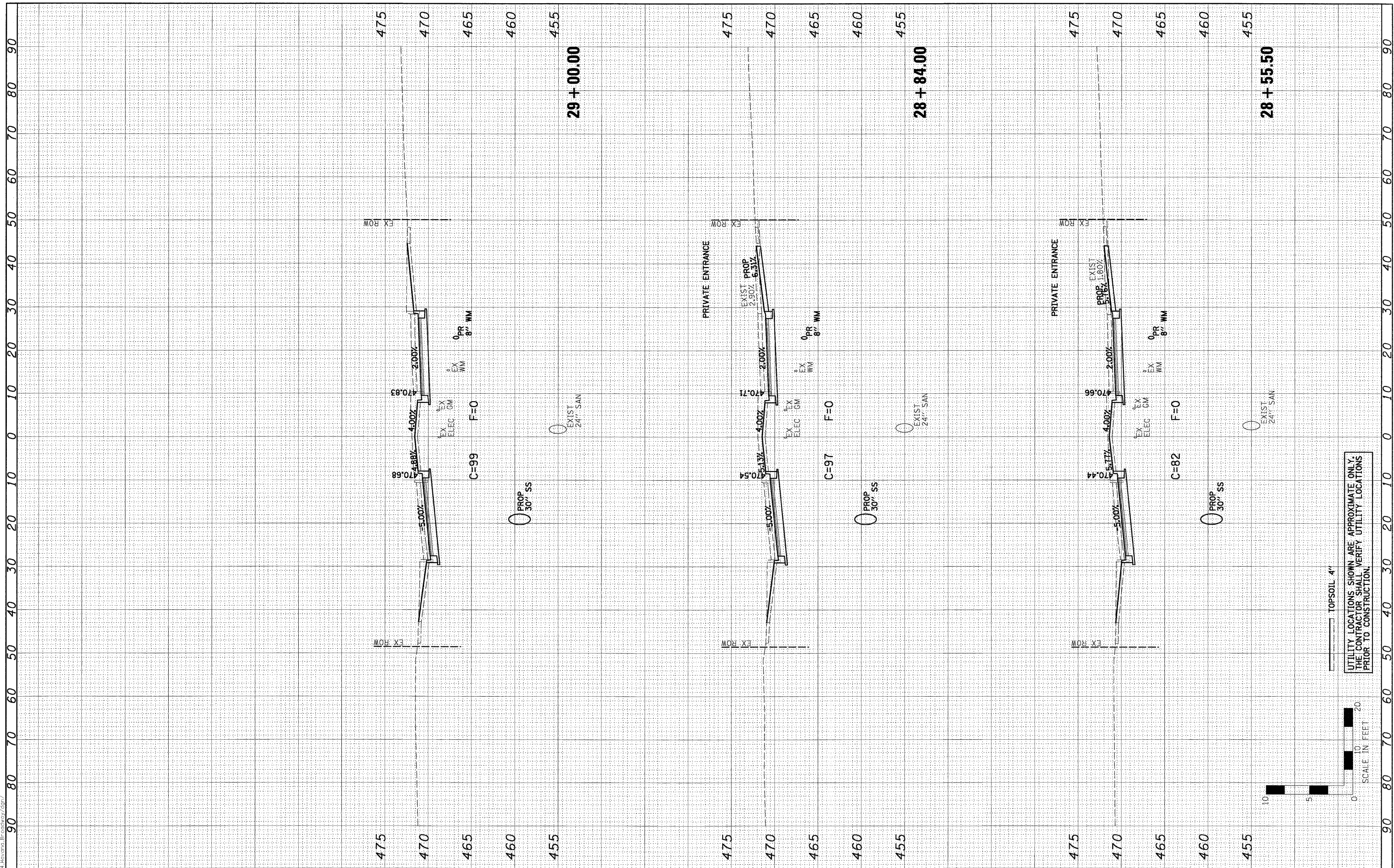
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	56
CONTRACT NO. 9 3 5 0 2				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
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PRIOR TO CONSTRUCTION.

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

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

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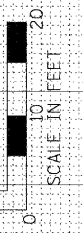


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PLOT SCALE =	CHECKED - ERB/RDY	REVISED -	SCALE: H=10, V=5			SHEET NO. OF SHEETS	STA. 28+55.50 TO STA. 29+00.00	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	CONTRACT NO. 3.5.0.2		
PLOT DATE = 9/28/2009 10:46:46 AM	DATE = 09/29/09	REVISED -									

Farnsworth GROUP 7707 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
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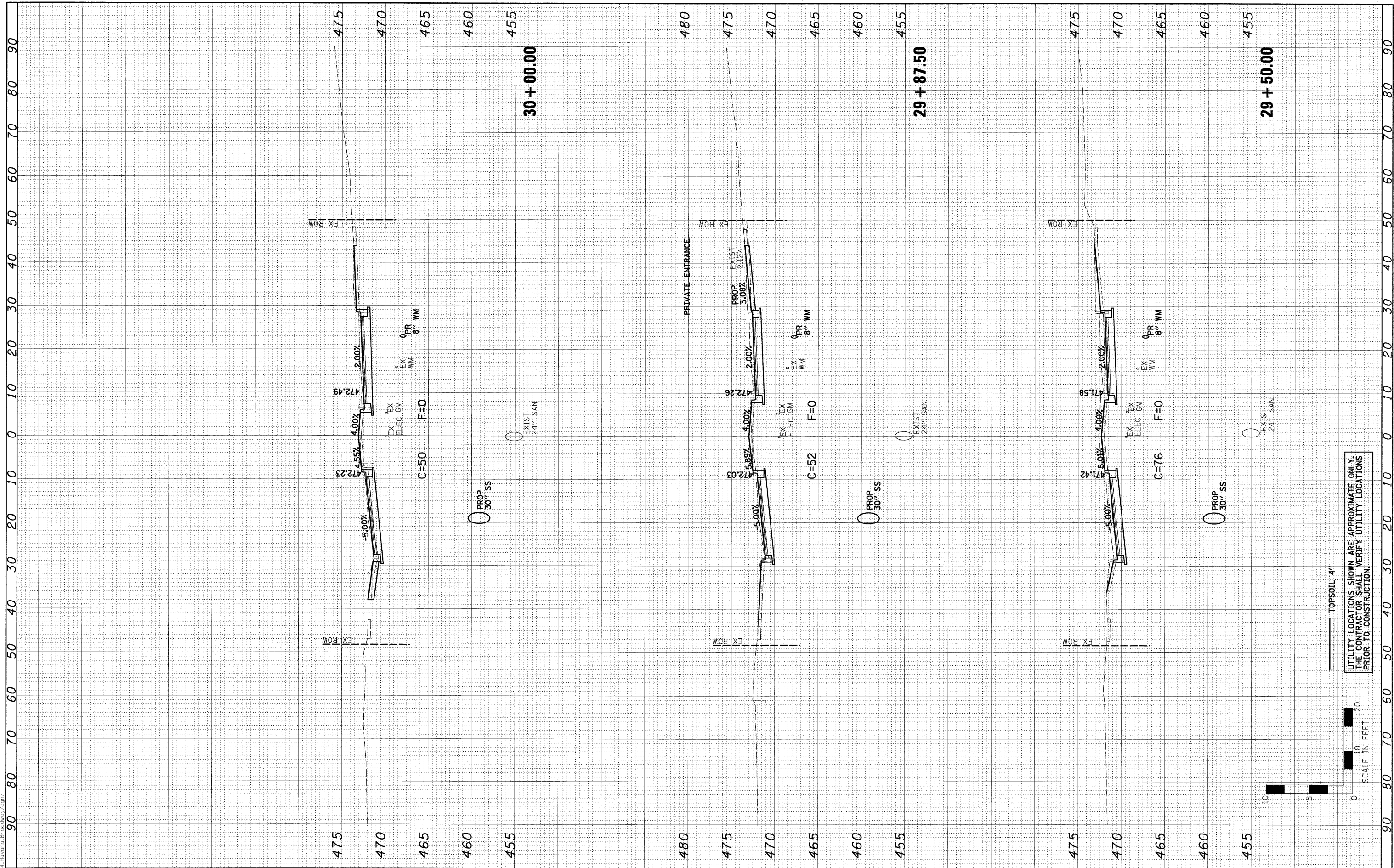
TOPSOIL 4"



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

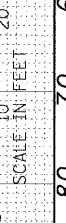
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NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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PRIOR TO CONSTRUCTION.

TOPSOIL 4"



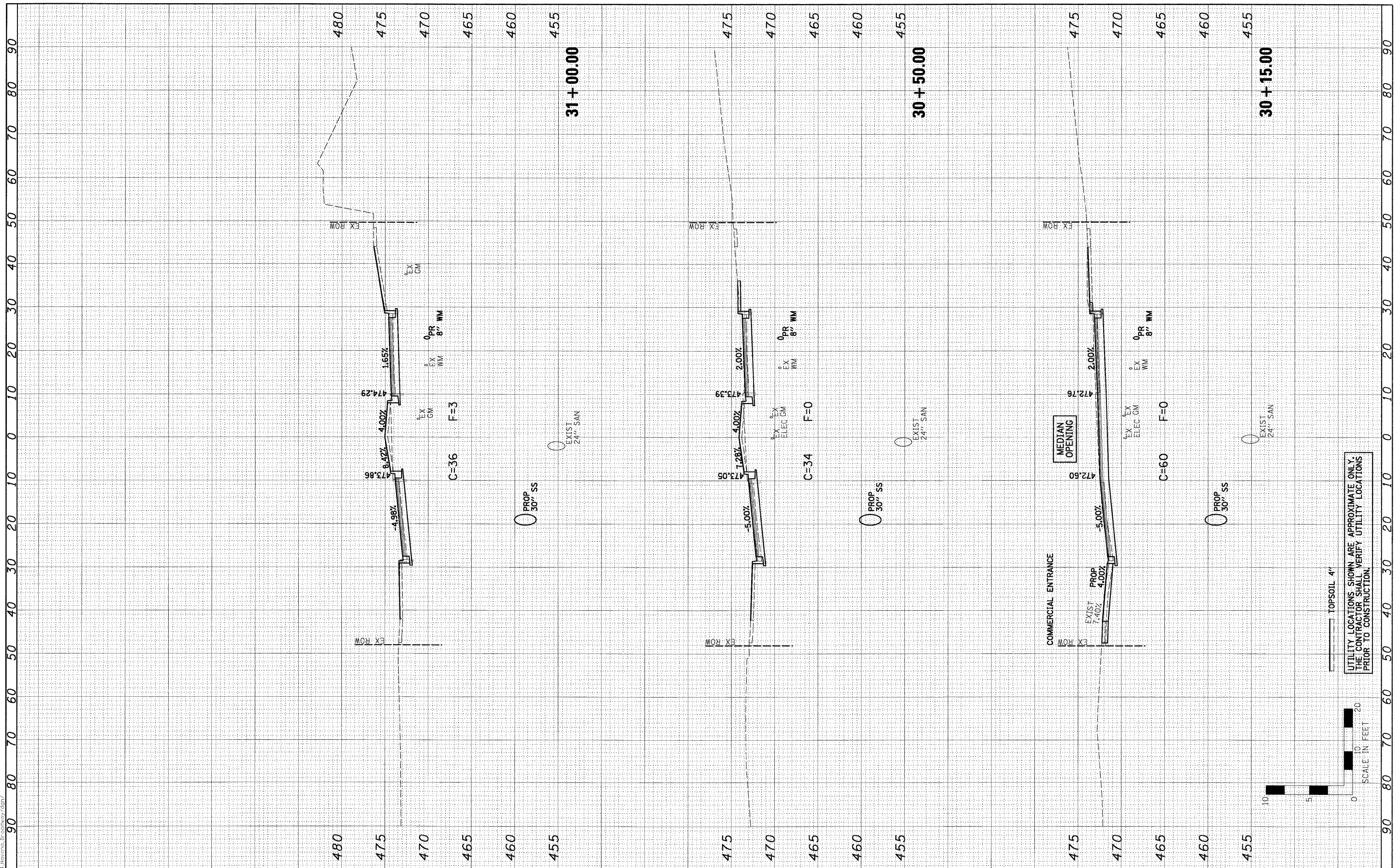
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PLOT SCALE =		DRAWN - JTC	REVISED -		SCALE: H=10, V=5	SHEET NO.	OF	SHEETS	STA. 29+50.00	TO STA. 30+00.00	MASON	60	58
PLOT DATE = 9/28/2009 10:46:47 AM		CHECKED - ERB/RDY	REVISED -							FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 93502	
		DATE - 09/29/09	REVISED -										

Farnsworth GROUP 7707 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
C/O 309-9883 / 309-699-9600 FAX
www.f-w.com

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

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

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 PRIOR TO CONSTRUCTION.

TOPSOIL 4'

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DRAWN -	JTC	REVISED -	
CHECKED -	ERB/RDY	REVISED -	
DATE -	09/29/09	REVISED -	

DESIGNED -	PSA	REVISED -	
DRAWN -	JTC	REVISED -	
CHECKED -	ERB/RDY	REVISED -	
DATE -	09/29/09	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

Farnsworth GROUP 1707 NORTH KNOXVILLE AVENUE, SUITE 200, PEORIA, ILLINOIS 61614
 (309)699-9888 / (309)699-9820 FAX www.f-g.com

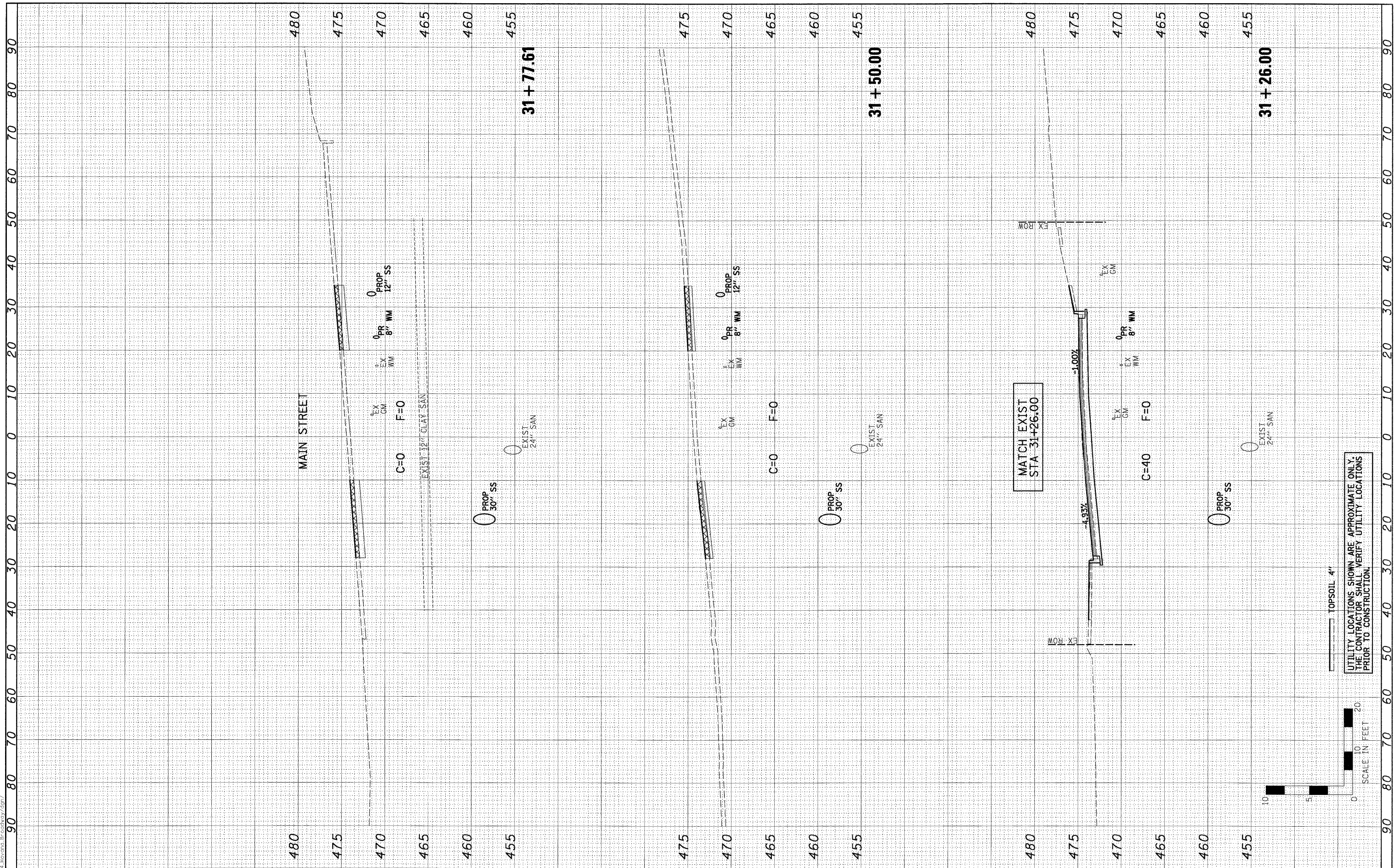
CITY OF HAVANA - BROADWAY STREET CROSS SECTIONS			
SCALE: H=10, V=5	SHEET NO.	OF SHEETS	STA. 30+15.00 TO STA. 31+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	59
CONTRACT NO. 93302				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

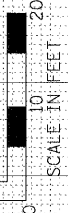
ORIGINAL SURVEY	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
AREAS	CHECKED		
NO.			

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 PRIOR TO CONSTRUCTION.

TOPSOIL 4"



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CHECKED -	ERB/RDY	REVISED -	
DATE -	09/29/09	REVISED -	

DESIGNED -	PSA	REVISED -	
DRAWN -	JTC	REVISED -	
CHECKED -	ERB/RDY	REVISED -	
DATE -	09/29/09	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF HAVANA - BROADWAY STREET
CROSS SECTIONS

SCALE: H=10, V=5

SHEET NO. OF SHEETS STA. 31+11.00 TO STA. 31+77.61

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00035-00-SS	MASON	60	60
CONTRACT No. 93502				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				