



04-24-2020 LETTING ITEM 157

NOTICE

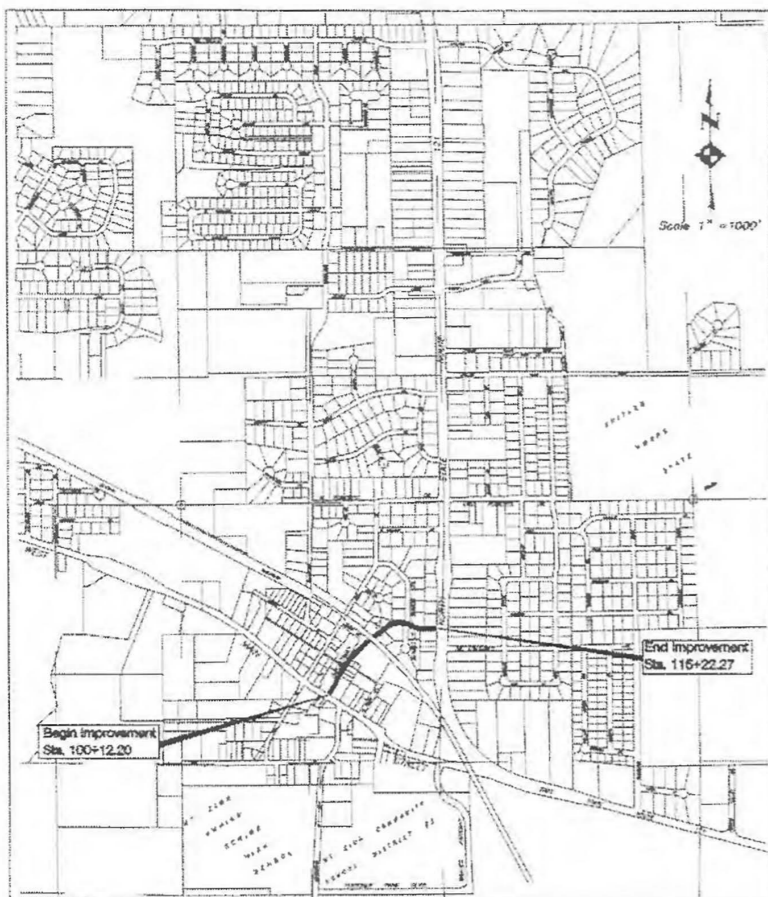
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PLANS FOR

BROADWAY STREET RECONSTRUCTION

ROUTE # : FAU 7459
 SECTION: 14-00030 - 00 - PV
 PROJECT: BDBQ (641)
 JOB# : C-97-061-18
 STU FUNDS



LOCATION MAP

TOTAL LENGTH OF IMPROVEMENT = 1510.07 FEET = 0.286 MILES
 NET LENGTH OF IMPROVEMENT = 1510.07 FEET = 0.286 MILES

DESIGN DESIGNATION
 3950 (2026) URBAN COLLECTOR 0.045 (PCC-20)
 DESIGN SPEED = 25 MPH
 ADT = 3950 PV = 3924 SU = 25 MU = 1

OFFICIALS

BOARD OF TRUSTEES

LUKE WILLIAMS _____ MAYOR
 KEVIN FRITZSCHE _____ WENDY KERNAN
 CHRIS SIUDYLA _____ MIKE MOSE
 ELLEN RITCHIE _____ DONNA SCALES

JULIE MILLER _____ VILLAGE ADMINISTRATOR
 DAWN REYNOLDS _____ CLERK
 COREY MCKENZIE _____ TREASURER
 CHAD REYNOLDS _____ SUPERVISOR OF PUBLIC WORKS
 ED FLYNN _____ ATTORNEY

AUGUST 2019



by *Matthew B. Foster*
 date 8/27/2019
 expires Nov. 30, 2019

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	

For Index to Sheets See Page 2
 For Highway Standards See Page 2

CONTRACT NUMBER 95861

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED: *Julie Miller*
 VILLAGE OF MT. ZION VILLAGE ADMINISTRATOR

PASSED: *Jeffrey P. M... 29/09/20*
 DISTRICT 7 ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW: *Jeffrey P. M... 29/09/20*
 REGION 4 ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

CHASTAIN & ASSOCIATES LLC
 CONSULTING ENGINEERS

PROJECT NO. 14-00030-00-PV
 FIELD BOOK NO. 14-00030-00-PV
 START DATE 08/27/2019
 DRAWN BY S. J. HARRIS
 CHECKED BY M. B. FOSTER
 C&A REF. NO. 14-00030-00-PV
 H&M REF. NO. 14-00030-00-PV
 FILE LOCATION 14-00030-00-PV

VILLAGE OF MT. ZION, IL
 COVER SHEET
 SHEET NO. 1
 PROJECT NO. 6652

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	2
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	

SHEET NO.	
1	Cover
2	Index to Sheets - Highway Standards
3 - 3A	Summary of Quantities
4 - 6	Schedule of Quantities
7	Existing Typical Sections
8	Proposed Typical Sections
9 - 13	Roadway Plan and Profile Sheets
14 - 18	Intersection Detail Sheets
19 - 22	Storm Sewer Plan and Profile - Water Main Plan Sheets
23	Water Main Profiles
24 - 25	Erosion Control
26	Traffic Control
27 - 28	Pavement Jointing
29 - 30	Pavement Markings
31 - 32	Miscellaneous Details
33	Strip Map
34 - 50	Broadway Cross Sections
51 - 53	Main Street Cross Sections
54 - 55	North Street Cross Sections
56 - 58	Sunset Dr. / Sunset Ct. Cross Sections

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
420101-06	24' JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
420501-07	PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442101-09	CLASS B PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-06	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-02	PRECAST MANHOLE TYPE A 5' DIAMETER
602406-10	PRECAST MANHOLE TYPE A 6' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
876001-04	PEDESTRIAN PUSH BUTTON POST
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTOR LOOPS
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL TWO WAY RURAL TRAFFIC (ROAD CLOSED TO THRU TRAFFIC)

G E N E R A L N O T E S

This Section shall be constructed in accordance with the Plans, Standard Specifications for Road and Bridge Construction, adopted January 1, 2016, Supplemental Specifications, and the Special Provisions.

All earth surfaces disturbed in conjunction of the new pavement and appurtenances shall be seeded in accordance with Section 250 and the Special Provisions.

All radii shown for the Standard Barrier Curb and Gutter are to edge of pavement.

The location of the various underground utilities as shown on the plans are from information furnished by the various Utility Companies, record drawings, and field surveys. It is the Contractor's obligation to establish the actual location of the utilities. The Contractor shall use special care when conducting operations near the utilities so as to prevent damage to them.

The cost of removing any miscellaneous items located within the limits of this improvement and which have not been accounted for as a pay items shall be considered included in the contract.

Special attention is directed to Article 107.20 of the Standard Specifications, regarding mailboxes in conflict with construction operations. Mailboxes that overhang the face of curb shall be addressed in accordance with this article. The cost of this work shall be considered included in this contract, and no additional compensation will be allowed.

The final finish for PCC Pavement shall be Type B in accordance with Article 420.09(e)

The following application rates were used in determining plan quantities:
 Bituminous Materials (Prime Coat) = 0.25 lbs/sq ft on aggregate bases
 HMA Surface Course = 115 lbs/sq yd per inch of thickness
 Calcium Chloride Applied = 1.5 lbs/sq yd
 Temporary Erosion Control Seeding = 100 lbs/acre

REVISIONS
DATE
BY
PROJECT NO.
FIELD BOOK NO.
START DATE
DRAWN BY
CHECKED BY
C&A REF. NO.
BGM REF. NO.
FILE LOCATION
6652
Les Jenkins
MBF
14-051D
DECATUR
ROCKFORD
CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS
(217) 422-8544
(815) 714-0050
(815) 489-0630
184-001397
VILLAGE OF MT. ZION, IL
BROADWAY STREET RECONSTRUCTION INDEX TO SHEETS
HIGHWAY STANDARDS
sheet no.
project no.
6652

F.A.U. RTE.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
7459	14-00030-00-PV	MT. ZION	58	3
		ILLINOIS	CONTRACT NO. 95861	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES		
				0004	0004	0043
			STU FUNDS	RAIL-SAFE TY FUNDS	LOCAL ONLY FUNDS	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	20	20	-	-
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	142	142	-	-
20101100	TREE TRUNK PROTECTION	EACH	16	16	-	-
20200100	EARTH EXCAVATION	CU YD	1560	1560	-	-
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200	200	-	-
28000305	TEMPORARY DITCH CHECKS	FOOT	30	15	15	-
28000400	PERIMETER EROSION BARRIER	FOOT	992	992	-	-
28000500	INLET AND PIPE PROTECTION	EACH	8	7	1	-
28000510	INLET FILTERS	EACH	27	27	-	-
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SO YD	6298	6142	156	-
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SO YD	492	492	-	-
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SO YD	66	66	-	-
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	400	400	-	-
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1104	1104	-	-
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	84	84	-	-
42000060	WELDED WIRE REINFORCEMENT	SO YD	126	-	126	-
42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SO YD	4960	4960	-	-
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SO YD	52	52	-	-
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SO YD	126	-	126	-
42001300	PROTECTIVE COAT	SO YD	6126	6000	126	-
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	561	561	-	-
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	9371	9155	216	-
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SO FT	2400	2400	-	-
42400800	DETECTABLE WARNINGS	SO FT	162	142	20	-
44000100	PAVEMENT REMOVAL	SO YD	6046	5825	221	-
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	867	867	-	-
44000300	CURB REMOVAL	FOOT	51	51	-	-
44000400	GUTTER REMOVAL	FOOT	2251	2139	112	-
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	907	907	-	-
44000600	SIDEWALK REMOVAL	SO FT	10068	9807	261	-
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SO YD	21	21	-	-
50105220	PIPE CULVERT REMOVAL	FOOT	157	-	157	-
50300225	CONCRETE STRUCTURES	CU YD	2.6	2.6	-	-
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	190	190	-	-
54213655	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 10"	EACH	1	1	-	-
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	-	2	-

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES		
				0004	0004	0043
			STU FUNDS	RAIL-SAFE TY FUNDS	LOCAL ONLY FUNDS	
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1	1	-	-
542A0229	PIPE CULVERTS, CLASS A, TYPE 1, 24"	FOOT	154	-	154	-
550A2310	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 10"	FOOT	16	16	-	-
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	170	170	-	-
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	43	43	-	-
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	105	105	-	-
550A2410	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 42"	FOOT	84	84	-	-
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	169	169	-	-
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	61	61	-	-
550A2610	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42"	FOOT	26	26	-	-
55100200	STORM SEWER REMOVAL 6"	FOOT	15	15	-	-
55100300	STORM SEWER REMOVAL 8"	FOOT	103	103	-	-
55100400	STORM SEWER REMOVAL 10"	FOOT	15	15	-	-
55100500	STORM SEWER REMOVAL 12"	FOOT	236	236	-	-
55100700	STORM SEWER REMOVAL 15"	FOOT	57	57	-	-
55101600	STORM SEWER REMOVAL 36"	FOOT	193	193	-	-
Δ 56100600	WATER MAIN 6"	FOOT	494	38	-	456
Δ 56100900	WATER MAIN 12"	FOOT	273	151	-	122
Δ 56104900	WATER VALVES 6"	EACH	6	1	-	5
Δ 56105200	WATER VALVES 12"	EACH	3	1	-	2
Δ 56108710	TAPPING VALVE AND SLEEVES 4"	EACH	1	-	-	1
Δ 56108800	TAPPING VALVE AND SLEEVES 6"	EACH	3	2	-	1
Δ 56109100	TAPPING VALVE AND SLEEVES 12"	EACH	1	1	-	-
Δ 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1	-	-
Δ 56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	1	1	-	-
Δ 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	2	-	-	2
Δ 56400600	FIRE HYDRANT	EACH	3	-	-	3
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	8	-	-
60218500	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3 FRAME & GRATE	EACH	1	1	-	-
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3	-	-
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	15	15	-	-
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	9	9	-	-
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4	-	-
60260100	INLETS TO BE ADJUSTED	EACH	1	1	-	-
60300405	VALVE BOX FRAMES TO BE ADJUSTED	EACH	4	4	-	-
60500040	REMOVING MANHOLES	EACH	3	3	-	-

Δ SPECIALTY ITEMS

REVISION/ISSUED	BY	DATE
PROJECT NO. 6652	FIELD BOOK NO.	START DATE
PROJECT NO. 6652	DRAWN BY	CHECKED BY
PROJECT NO. 6652	FILE LOCATION	
<p>CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS</p> <p>DECATUR (217) 422-8544 SCHAUMBURG (773) 714-0050 ROCKFORD (815) 489-0050 184-001397</p>		
VILLAGE OF MT. ZION, IL	BROADWAY STREET	SUMMARY OF QUANTITIES
sheet no.	project no.	6652

REVISION/ISSUED

NO.	DATE	BY

PROJECT NO. 6652
FIELD BOOK NO.
START DATE
DRAWN BY RLK
CHECKED BY MBF
FILE LOCATION

DECATUR SCHLAUBURG ROCKFORD
(917) 420-8644
(773) 714-0050
(815) 489-0050
184-001397

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

VILLAGE OF MT. ZION, IL
BROADWAY STREET RECONSTRUCTION SCHEDULES

sheet no.
project no.
6652

LOCATION	TEMPORARY EROSION CONTROL SCHEDULE			
	28000305 TEMP DITCH CHECKS FOOT	28000400 PERIMETER EROS BAR FOOT	28000500 INLET & PIPE PROTECT EACH	28000510 INLET FILTERS EACH
BROADWAY STREET				
LT STA. 10257.7 TO STA. 10326.3	-	74	-	-
30.9' LT STA. 10261.9	-	-	1	-
26.6' RT STA. 10262.3	-	-	-	1
14.8' LT STA. 10326.9	-	-	-	1
14.8' RT STA. 10326.9	-	-	-	1
14.8' RT STA. 10449.9	-	-	-	1
14.8' LT STA. 10450.2	-	-	-	1
RT STA. 10552.7 TO STA. 10763.2	-	216	-	-
14.8' RT STA. 10644.3	-	-	-	1
33' LT STA. 10649.5	-	-	1	-
20.9' LT STA. 10650.8	-	-	-	1
36' RT STA. 10654.3	-	-	1	-
15.8' RT STA. 10654.3	-	-	-	1
14.8' RT STA. 10666.3	-	-	-	1
LT STA. 10696.8 TO STA. 10716.6	-	20	-	-
LT STA. 10737.1 TO STA. 10754.9	-	18	-	-
LT STA. 10775.6 TO STA. 10869.3	-	94	-	-
90' LT STA. 10777	15	-	-	-
RT STA. 10783.9 TO STA. 10838.8	-	55	-	-
71.5' RT STA. 10796.5	-	-	1	-
RT STA. 10865 TO STA. 10884.1	-	20	-	-
LT STA. 10898.7 TO STA. 3378.9	-	317	-	-
61' LT STA. 11010	15	-	-	-
14.8' LT STA. 11066.6	-	-	-	1
14.8' RT STA. 11066.6	-	-	-	1
15.3' LT STA. 11076.6	-	-	-	1
15.3' RT STA. 11076.6	-	-	-	1
RT STA. 11077 TO STA. 3221	-	81	-	-
14.8' RT STA. 11086.6	-	-	-	1
14.8' RT STA. 11086.6	-	-	-	1
35.9' RT STA. 11093.4	-	-	1	-
29.2' RT STA. 11143.9	-	-	-	1
20.8' LT STA. 11148.1	-	-	-	1
29.3' LT STA. 11189.8	-	-	-	1
51.8' LT STA. 11191.4	-	-	1	-
28.7' RT STA. 11205.5	-	-	-	1
31.5' RT STA. 11213.8	-	-	1	-
14.8' LT STA. 11240	-	-	-	1
14.8' RT STA. 11240	-	-	-	1
RT STA. 11318.4 TO STA. 11400.8	-	97	-	-
19.6' LT STA. 11372.1	-	-	1	-
28.1' RT STA. 11511.8	-	-	-	1
43.2' RT STA. 11517	-	-	-	1
72' LT STA. 11523.2	-	-	-	1
MAIN STREET				
21.3' LT STA. 6216.1	-	-	-	1
35.7' LT STA. 6259.6	-	-	-	1
12.8' LT STA. 6290.5	-	-	-	1
TOTALS	30	992	8	27

LOCATION	SIGN SCHEDULE	
	72000100 SIGN PANEL T1 SO FT	72000100 TELES STL STM SUPPORT FOOT
BROADWAY STREET		
17.8' LT STA. 10035.7	7.00	16
18.5' RT STA. 10613	9.00	16
18.5' LT STA. 10924.8	9.00	16
MAIN STREET		
27' LT STA. 6177.4	4.00	15
17.3' RT STA. 6216.4	7.00	16
34' RT STA. 6256.1	7.00	16
22.6' LT STA. 6271.9	7.00	16
NORTH STREET		
16.8' RT STA. 2000	6.25	16
SUNSET DRIVE/COURT		
30.7' RT STA. 3267.1	6.25	16
26' LT STA. 3322	6.25	16
TOTALS	68.75	159

LOCATION	TREE REMOVAL SCHEDULE		
	20100110 TREE REMOV 6-15 UNIT	20100210 TREE REMOV OVER 15 UNIT	20101100 TREE TRUNK PROTECTION EACH
BROADWAY STREET			
31' RT STA. 10079	-	-	1
14' RT STA. 10117	-	36	-
35' LT STA. 10119	-	-	1
33' RT STA. 10190	-	-	1
32' RT STA. 10210	-	-	1
23' LT STA. 10339	-	36	-
25' LT STA. 10415	-	-	1
25' LT STA. 10433	10	-	-
24' LT STA. 10436	-	42	-
23' LT STA. 10447	10	-	-
32.7' LT STA. 10987.5	-	-	1
34' LT STA. 11054	-	-	1
28' LT STA. 11277	-	-	1
39' RT STA. 11289	-	-	1
34' RT STA. 11315	-	-	1
27' LT STA. 11333	-	-	1
33' RT STA. 11361	-	-	1
34' LT STA. 11370	-	-	1
34' RT STA. 11392	-	-	1
33' RT STA. 11433	-	-	1
SUNSET COURT/DRIVE			
24' LT STA. 3347	-	28	-
24' RT STA. 3376	-	-	1
TOTALS	20	142	16

LOCATION	PAVEMENT STRIPING SCHEDULE			
	78009000 MOD URETH PM LTR-SYM SO FT	78009004 MOD URETH PM LINE 4 FOOT	78009012 MOD URETH PM LINE 12 FOOT	78009024 MOD URETH PM LINE 24 FOOT
		WHITE	YELLOW	
BROADWAY STREET				
LT STA. 10025.7 TO RT STA. 10025.7			104	
LT STA. 10037.7 TO STA.			13	
CL STA. 10037.7 TO CL STA. 10500		925		
CL STA. 10500 TO CL STA. 10637.8		276		
RT STA. 10598 TO STA.			13	
RT STA. 10613 TO RT STA. 10633	62			
RT STA. 10646 TO STA.			13	
LT STA. 10657.5 TO RT STA. 10657.5			72	
CL STA. 10707.8 TO CL STA. 10758.6		102		
RT STA. 10746 TO STA.			13	
CL STA. 10779.2 TO CL STA. 11000		442		
LT STA. 10789.8 TO STA.			13	
LT STA. 10889.8 TO STA.			13	
LT STA. 10904.8 TO LT STA. 10924.8	62			
LT STA. 10937.8 TO STA.			13	
CL STA. 11000 TO CL STA. 11136.6		274		
CL STA. 11206.7 TO CL STA. 11494.7		576		
RT STA. 11492.7 TO STA.			13	
RT STA. 11498.7 TO LT STA. 11498.8			72	
MAIN STREET				
LT STA. 6176.9 TO LT STA. 6178.9		4		
LT STA. 6187.9 TO STA.	4			
LT STA. 6196.9 TO LT STA. 6197.9		3		
LT STA. 6212.1 TO STA.			13	
LT STA. 6218.1 TO RT STA. 6218.1			72	
LT STA. 6264.2 TO RT STA. 6264.2			72	
RT STA. 6274.2 TO STA.			17	
NORTH STREET				
RT STA. 1998.6 TO STA.			12	
LT STA. 1999.5 TO RT STA. 2004.6			78	
SUNSET DRIVE/COURT				
RT STA. 3265.7 TO STA.			25	
RT STA. 3271.9 TO LT STA. 3271.9			138	
RT STA. 3322 TO STA.			20	
TOTALS	128	7	2595	608
			2602	191

LOCATION	SIDEWALK SCHEDULE		
	42400200 PC CONC SIDEWALK 5 SO FT	42400300 PC CONC SIDEWALK 6 SO FT	42400800 DETECTABLE WARNINGS SO FT
BROADWAY STREET			
LT STA. 10022.6 TO STA. 10142.1	597	-	23
LT STA. 10142.1 TO STA. 10181.4	-	197	-
LT STA. 10181.4 TO STA. 10206.1	124	-	-
LT STA. 10206.1 TO STA. 10245.4	-	197	-
LT STA. 10245.4 TO STA. 10325	399	-	-
RT STA. 10022.5 TO STA. 10222.4	1000	-	23
RT STA. 10222.4 TO STA. 10314	-	461	-
RT STA. 10314 TO STA. 10325	116	-	-
LT STA. 10325 TO STA. 10343.5	126	-	-
LT STA. 10343.5 TO STA. 10375.5	-	160	-
LT STA. 10375.5 TO STA. 10408.5	184	-	-
LT STA. 10408.5 TO STA. 10438.9	-	159	-
LT STA. 10438.9 TO STA. 10563.6	697	-	-
LT STA. 10563.6 TO STA. 10580.5	-	85	-
LT STA. 10580.5 TO STA. 10635.7	277	-	-
RT STA. 10325 TO STA. 10339.9	162	-	-
RT STA. 10339.9 TO STA. 10388.2	-	242	-
RT STA. 10388.2 TO STA. 10400.8	63	-	-
RT STA. 10400.8 TO STA. 10417.4	-	84	-
RT STA. 10417.4 TO STA. 10519.7	544	-	-
RT STA. 10519.7 TO STA. 10556.9	-	186	-
RT STA. 10556.9 TO STA. 10725	870	-	10
RT STA. 10725 TO STA. 10761.7	184	-	10
RT STA. 10761.7 TO STA. 10835.2	274	-	10
RT STA. 10835.2 TO STA. 10868.5	-	170	-
RT STA. 10868.5 TO STA. 11100	1188	-	-
RT STA. 11100 TO STA. 11139.1	178	-	18
RT STA. 11208.7 TO STA. 11249.2	199	-	18
RT STA. 11249.2 TO STA. 11280.9	-	177	-
RT STA. 11280.9 TO STA. 11403.4	652	-	-
RT STA. 11403.4 TO STA. 11434.1	-	154	-
RT STA. 11434.1 TO STA. 11516.4	596	-	20
LT STA. 11500 TO STA. 11508.2	157	-	10
MAIN STREET			
LT STA. 6162.9 TO STA. 6216	401	-	-
LT STA. 6269.4 TO STA. 6285.4	80	-	-
LT STA. 6285.4 TO STA. 6296.5	-	51	-
NORTH STREET			
RT STA. 1969.6 TO STA. 1980	50	-	-
RT STA. 1980 TO STA. 1995.2	-	77	-
RT STA. 1995.2 TO STA. 2016.6	169	-	10
RT STA. 1995.2 TO STA. 2002.5	84	-	10
TOTALS	9371	2400	162

LOCATION	STORM SEWER & CULVERT REMOVAL SCHEDULE											
	50105220 PIPE CULVERT REMOV FOOT	55100200 STORM SEWER REM 6 FOOT	55100300 STORM SEWER REM 8 FOOT	55100400 STORM SEWER REM 10 FOOT	55100500 STORM SEWER REM 12 FOOT	55100700 STORM SEWER REM 15 FOOT	55101600 STORM SEWER REM 36 FOOT	X6025800 MAN ADJ NEW TIF CL SPL EACH	60260100 INLETS ADJUST EACH	60260100 REMOV MANHOLES EACH	60500060 REMOV INLETS EACH	X2080250 TRENCH BACKFILL SPL CU YD
BROADWAY STREET												
30.9' LT STA. 10261.9 TO 15.7' LT STA. 10262	-	-	-	-	16	-	-	-	-	-	-	-
15.7' LT STA. 10262	-	-	-	-	-	-	-	-	-	1	-	-
33' LT STA. 10649.5	-	-	-	-	-	-	-	-	-	1	-	-
33' LT STA. 10649.5 TO 23.4' RT STA. 10645	-	-	-	-	-	57	-	-	-	-	-	12
23.4' RT STA. 10645	-	-	-	-	-	-	-	-	-	1	-	-
23.4' RT STA. 10645 TO 36.5' RT STA. 10650.2	-	-	-	15	-	-	-	-	-	-	-	1
84.1' LT STA. 10778.9 TO 71' RT STA. 10796.5	157	-	-	-	-	-	-	-	-	-	-	-
59.1' LT STA. 11012.4 TO 2.4' RT STA. 11089.4	-	-	-	-	-	106	-	-	-	-	-	-
2.4' RT STA. 11089.4	-	-	-	-	-	-	-	-	1	-	-	-
14.8' LT STA. 11090.9 TO 2.4' RT STA. 11089.4	-	-	-	-	18	-	-	-	-	-	-	8
14.8' LT STA. 11090.9	-	-	-	-	-	-	-	-	-	1	-	-
2.4' RT STA. 11089.4 TO 23.1' RT STA. 11086.8	-	-	-	-	21	-	-	-	-	-	-	9
23.1' RT STA. 11086.8	-	-	-	-	-	-	-	-	-	1	-	-
23.1' RT STA. 11086.8 TO 35.9' RT STA. 11093.4	-	15	-	-	-	-	-	-	-	-	-	2
2.4' RT STA. 11089.4 TO 24' RT STA. 11179	-	-	-	-	-	87	-	-	-	-	-	-
24' RT STA. 11179	-	-	-	-	-	-	-	-	1	-	-	-
24' RT STA. 11179 TO 36' RT STA. 11201.5	-	-	-	-	23	-	-	-	-	-	-	8
36' RT STA. 11201.5	-	-	-	-	-	-	-	-	-	1	-	-
36' RT STA. 11201.5 TO 7.3' LT STA. 11239.7	-	-	-	-	65	-	-	-	-	-	-	10
7.3' LT STA. 11239.7	-	-	-	-	-	-	-	-	-	-	-	4
7.3' LT STA. 11239.7 TO 52.1' LT STA. 11190.4	-	-	-	-	71	-	-	-	-	-	-	-
30.8' RT STA. 11504.7	-	-	-	-	-	-	1	-	-	-	-	-
43.2' RT STA. 11517	-	-	-	-	-	-	-	1	-	-	-	-
MAIN STREET												
21.7' LT STA. 6167.9 TO 21.7' LT STA. 6270.8	-	-	103	-	-	-	-	-	-	-	-	-
21.7' LT STA. 6270.8	-	-	-	-	-	-	-	-	1	-	-	-
21.7' LT STA. 6270.8 TO 12.8' LT STA. 6290.5	-	-	-	22	-	-	-	-	-	-	-	-
12.8' LT STA. 6290.5	-	-	-	-	-	-	-	-	-	1	-	-
TOTALS	157	15	103	15	236	57	193	1	1	3	8	54

LOCATION	SIDEWALK REMOVAL SCHEDULE		

LOCATION	PROPOSED STORM SEWER PIPE SCHEDULE										STORM SEW MM REQ					SLOT OR 12" W/6" SLOT	TRENCH BACKFILL SPL CU YD	
	54240229	550A2310	550A2320	550A2330	550A2340	550A2410	550A2520	550A2530	550A2610		20056608	20056610	20056612	20056624	20065752			20802050
	P CUL CL A	1	1	1	1	1	2	2	2		6	12	15	18	42			
MAIN STREET																		
21 LT STA. 6167.9 TO 21.3 LT STA. 6216.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38		
21.3 LT STA. 6216.1 TO 21.5 LT STA. 6258.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28		
21.5 LT STA. 6258.9 TO 35.7 LT STA. 6259.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
21.5 LT STA. 6258.9 TO 12.8 LT STA. 6290.5	-	-	30	-	-	-	-	-	-	-	-	-	-	-	-	6		
BROADWAY STREET																		
26.6 RT STA. 10231.8 TO 26.6 RT STA. 10262.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29		
26.6 RT STA. 10262.3 TO 6.4 LT STA. 10261.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18		
30.9 LT STA. 10261.9 TO 6.4 LT STA. 10261.9	-	-	21	-	-	-	-	-	-	-	-	-	-	-	-	5		
6.4 LT STA. 10261.9 TO 6.4 LT STA. 10326.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57		
14.8 LT STA. 10326.9 TO 6.4 LT STA. 10326.9	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	2		
14.8 RT STA. 10326.9 TO 6.4 LT STA. 10326.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
6.4 LT STA. 10326.9 TO 8.1 LT STA. 10450.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58		
14.8 LT STA. 10450.1 TO 8.1 LT STA. 10450.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
14.8 RT STA. 10450.1 TO 8.1 LT STA. 10450.1	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1		
8.1 LT STA. 10450.1 TO 33 LT STA. 10553	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37		
33 LT STA. 10553 TO 33 LT STA. 10649.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
14.8 RT STA. 10644.3 TO 15.8 RT STA. 10654.3	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	1		
36 RT STA. 10654.3 TO 15.8 RT STA. 10654.3	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	1		
14.8 RT STA. 10665.8 TO 15.8 RT STA. 10654.3	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	5		
15.8 RT STA. 10654.3 TO 20.9 LT STA. 10650.8	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	1		
20.9 LT STA. 10650.8 TO 33 LT STA. 10649.5	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	18		
85.8 LT STA. 10778.7 TO 72.7 RT STA. 10796.7	154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
59.1 LT STA. 11012.4 TO 4.4 LT STA. 11076.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
14.8 LT STA. 11066.6 TO 15.3 LT STA. 11076.6	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	2		
14.8 RT STA. 11066.6 TO 15.3 RT STA. 11076.6	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	2		
14.8 LT STA. 11086.6 TO 15.3 LT STA. 11076.6	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	2		
14.8 RT STA. 11086.6 TO 15.3 RT STA. 11076.6	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	2		
15.3 LT STA. 11076.6 TO 4.4 LT STA. 11076.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
15.3 RT STA. 11076.6 TO 35.9 RT STA. 11093.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
15.3 RT STA. 11076.6 TO 4.4 LT STA. 11076.6	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	4		
4.4 LT STA. 11076.6 TO 20 RT STA. 11144.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29		
29.2 RT STA. 11143.6 TO 20 RT STA. 11144.8	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	1		
20 RT STA. 11144.8 TO 20.4 LT STA. 11146.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18		
20.4 LT STA. 11146.7 TO 29.3 LT STA. 11189.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29		
29.3 LT STA. 11189.2 TO 51.8 LT STA. 11191.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
20 RT STA. 11144.8 TO 24 RT STA. 11179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24		
24 RT STA. 11179 TO 29.2 RT STA. 11205	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-	4		
29.2 RT STA. 11205 TO 31.5 RT STA. 11213.8	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	3		
24 RT STA. 11179 TO 5.5 LT STA. 11240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48		
14.8 LT STA. 11240 TO 5.5 LT STA. 11240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
14.8 RT STA. 11240 TO 5.5 LT STA. 11240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13		
5.5 LT STA. 11240 TO 7.2 LT STA. 11329.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17		
7.2 LT STA. 11329.6 TO 19.6 LT STA. 11372.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8		
30.8 RT STA. 11504.7 TO 28.1 RT STA. 11511.8	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	2		
TOTALS	154	16	170	43	105	84	169	61	26	24	308	120	93	64	29	523+		

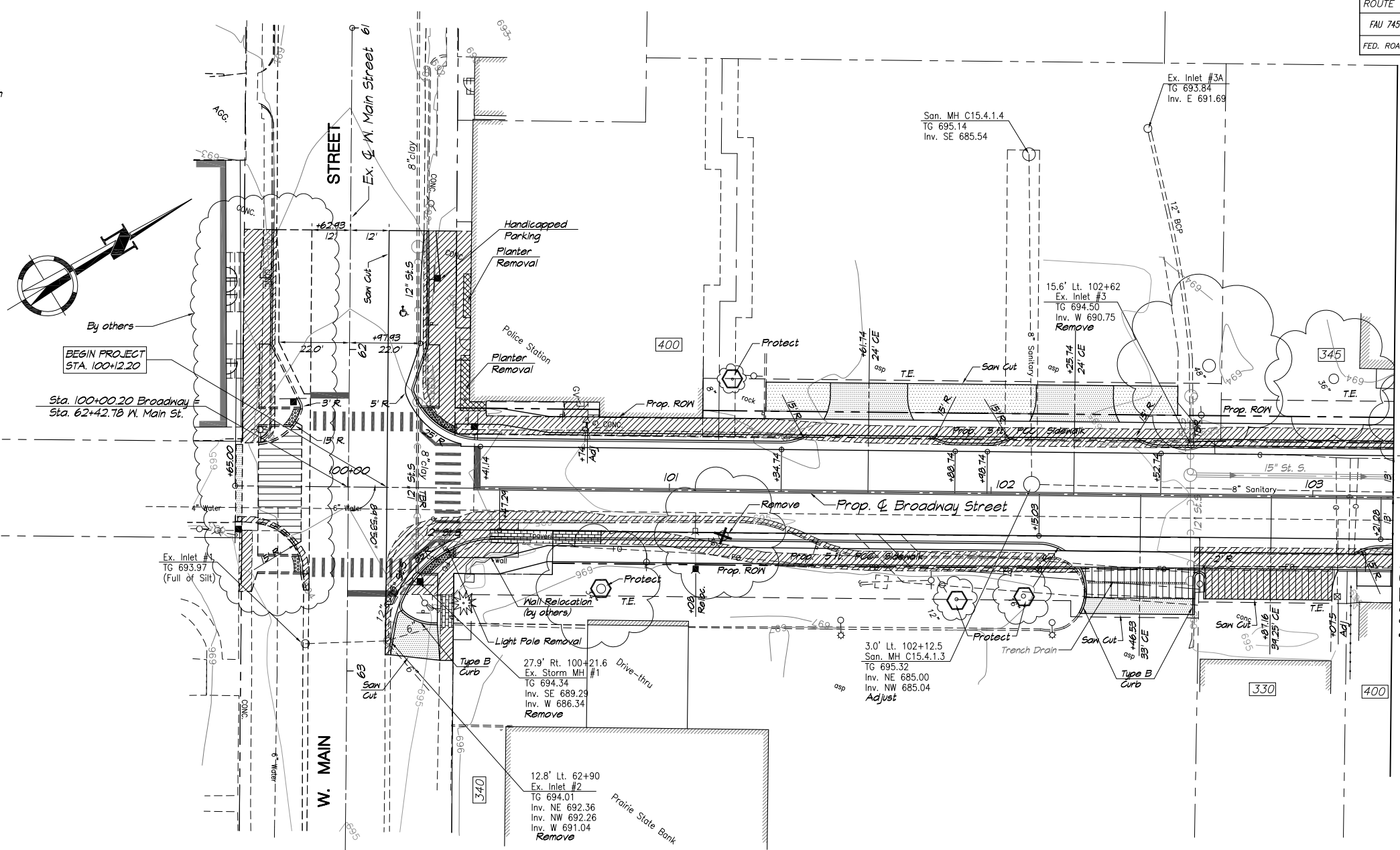
* - NOT A TOTAL QUANTITY

LOCATION	PROPOSED STORM SEWER STRUCTURE SCHEDULE										SLOT OR 12" W/6" SLOT	TRENCH BACKFILL SPL CU YD	
	54213655	54213669	54213687	60235700	60240220	6023508	60218400	60218500	60222230	60223800			60322917
	PRC FLAR END SEC	TY A	TY B	SPL NI	4 DIA TIF CL	4 DIA T3 F&G	4 DIA SPL F&G	6 DIA TIF CL	6 DIA SPL F&G	PRO SS CORR TO EX MAN			
MAIN STREET													
21 LT STA. 6167.9	-	-	-	-	-	-	-	-	-	-	-	-	
21.3 LT STA. 6216.1	-	-	-	-	-	-	-	-	-	-	-	-	
21.5 LT STA. 6258.9	-	-	-	-	-	-	-	-	-	-	-	-	
35.7 LT STA. 6259.6	-	-	-	-	-	-	-	-	-	-	-	-	
12.8 LT STA. 6290.5	-	-	-	-	-	-	-	-	-	-	-	-	
BROADWAY STREET													
30.9 LT STA. 10261.9	-	-	-	-	-	-	-	-	-	-	-	-	
6.4 LT STA. 10261.9	-	-	-	-	-	-	-	-	-	-	-	-	
26.6 RT STA. 10262.3	-	-	-	-	-	-	-	-	-	-	-	-	
14.8 LT STA. 10326.9	-	-	-	-	-	-	-	-	-	-	-	-	
14.8 RT STA. 10326.9	-	-	-	-	-	-	-	-	-	-	-	-	
14.8 LT STA. 10326.9	-	-	-	-	-	-	-	-	-	-	-	-	
14.8 RT STA. 10326.9	-	-	-	-	-	-	-	-	-	-	-	-	
8.1 LT STA. 10450.1	-	-	-	-	-	-	-	-	-	-	-	-	
14.8 RT STA. 10450.1	-	-	-	-	-	-	-	-	-	-	-	-	
33 LT STA. 10553	-	-	-	-	-	-	-	-	-	-	-	-	
14.8 RT STA. 10644.3	-	-	-	-	-	-	-	-	-	-	-	-	
33 LT STA. 10649.5	-	-	-	-	-	-	-	-	-	-	-	-	
20.9 LT STA. 10650.8	-	-	-	-	-	-	-	-	-	-	-	-	
36 RT STA. 10654.3	1	-	-	-	-	-	-	-	-	-	-	-	
15.8 RT STA. 10654.3	-	-	-	-	-	-	-	-	-	-	-	-	
14.8 RT STA. 10665.8	-	-	-	-	-	-	-	-	-	-	-	-	
85.8 LT STA. 10778.7	-	1	-	-	-	-	-	-	-	-	-	-	
72.7 RT STA. 10796.7	-	1	-	-	-	-	-	-	-	-	-	-	
59.1 LT STA. 11012.4	-	-	1	-	-	-	-	-	-	-	-	-	
14.8 LT STA. 11066.6	-	-	-	1	-	-	-	-	-	-	-	-	
14.8 RT STA. 11066.6	-	-	-	-	1	-	-	-	-	-	-	-	
15.3 LT STA. 11076.6	-	-	-	-	-	1	-	-	-	-	-	-	
15.3 RT STA. 11076.6	-	-	-	-	-	-	1	-	-	-	-	-	
14.8 RT STA. 11086.6	-	-	-	-	-	-	-	1	-	-	-	-	
29.2 RT STA. 11143.6	-	-	-	-	-	-	-	-	1	-	-	-	
20 RT STA. 11144.8	-	-	-	-	-	-	-	-	-	1	-	-	
20.4 LT STA. 11146.7	-	-	-	-	-	-	-	-	-	-	1	-	
24 RT STA. 11179	-	-	-	-	-	-	-	-	-	-	-	1	
29.2 RT STA. 11205	-	-	-	-	-	-	-	-	-	-	-	-	
31.5 RT STA. 11213.8	-	-	-	-	-	-	-	-	-	-	-	-	
14.8 LT STA. 11240	-	-	-	-	-	-	-	-	-	-	-	-	
5.5 LT STA. 11240	-	-	-	-	-	-	-	-	-	-	-	-	
14.8 RT STA. 11240	-	-	-	-	-	-	-	-	-	-	-	-	
7.2 LT STA. 11329.6	-	-	-	-	-	-	-	-	-	-	-	-	
19.6 LT STA. 11372.1	-	-	-	-	-	-	-	-	-	-	-	-	
30.8 RT STA. 11504.7	-	-	-	-	-	-	-	-	-	-	-	-	
28.1 RT STA. 11511.8	-	-	-	-	-	-	-	-	-	-	-	-	
TOTALS	1	2	1	1	15	9	3	8	1	2	3	1	

LOCATION	PAYING SCHEDULE							PROTECTIVE COAT SO YD
	31100300	35100500	40800025	40800050	42000060	42000200	42000300	
BROADWAY STREET								
CL STA. 10012.2 TO STA. 10047.29	185	-	-	-	-	153	-	153
CL STA. 10047.29 TO STA. 10325	1034	-	-	-	-	803	-	803
CL STA. 10325 TO STA. 10725	1446	-	-	-	-	1156	-	1156
CL STA. 10725 TO STA. 10737.01	43	-	-	-	-	35	-	35
CL STA. 10737.01 TO STA. 10758.6	78	-	-	-	-	63	-	63
CL STA. 10758.6 TO STA. 10800.84	78	-	-	-	-	63	-	63
CL STA. 10800.84 TO STA. 11100	1070	-	-	-	-	865	-	865
CL STA. 11100 TO STA. 11485.2	1317	-	-	-	-	1113	-	1113
CL STA. 11485.2 TO STA. 11522.27	204	-	-	-	-	166	-	166
MAIN STREET								
CL STA. 6162.93 TO STA. 6212.36	70	-	-	-	-	52	-	52
NORTH STREET								
CL STA. 1969.58 TO STA. 2018.01	204	-	-	-	-	190	-	190
SUNSET DRIVE/COURT								
CL STA. 3207 TO STA. 3287	372	-	-	-	-	345	-	345
CL STA. 3313 TO STA. 3343	137	-	-	-	-	134	-	134

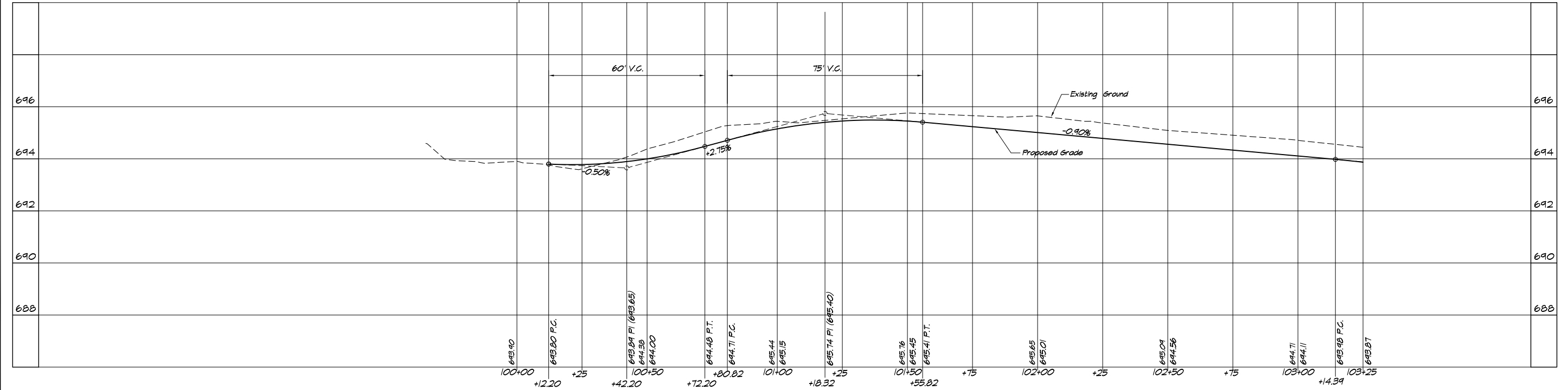
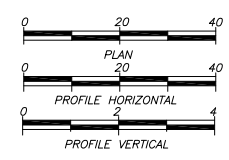
ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	9
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	

- LEGEND**
- Concrete Removal
 - Concrete Driveway Approach
 - HMA Entrance
 - HMA Paving
 - Rock Driveway
 - Building



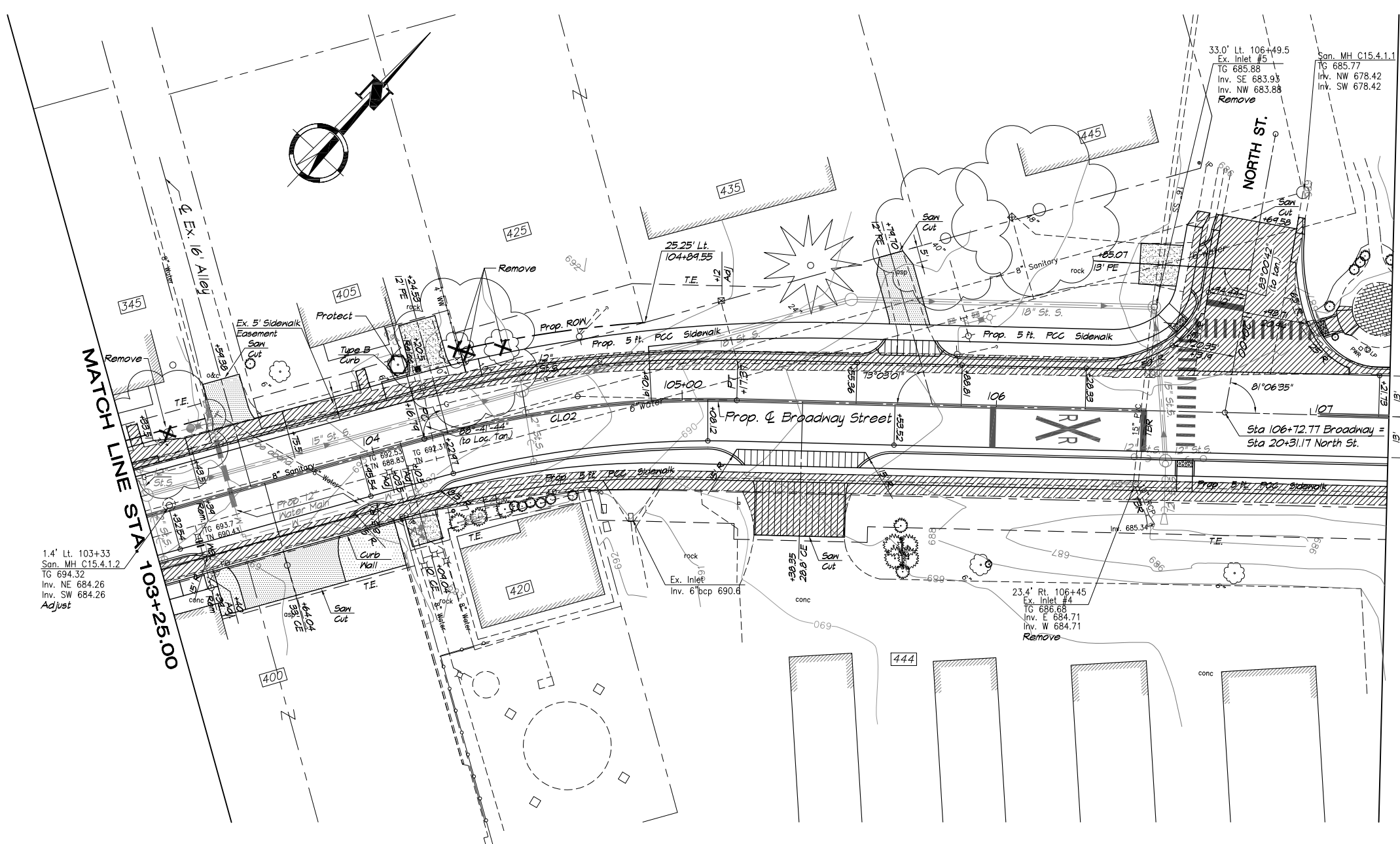
MATCH LINE STA. 103+25.00

- LEGEND**
- Exist. Curb Stop
 - Prop. Curb Stop
 - Exist. Water Meter
 - Exist. Water Valve
 - Prop. Water Valve
 - Exist. Hydrant
 - Prop. Hydrant
 - Exist. Traffic Signal
 - Exist. ROW
 - Prop. ROW
 - Temp. Const. Esmt.



<p>REVISIONS</p> <table border="1"> <tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	NO.	DATE	DESCRIPTION							<p>PROJECT NO. 6652</p> <p>FIELD BOOK NO. 482-8544</p> <p>START DATE 7/14/09</p> <p>DRAWN BY Les Jenkins</p> <p>CHECKED BY MBF</p> <p>C&A REF. NO. 184-001397</p> <p>BGM REF. NO. 14-051D</p> <p>FILE LOCATION</p>	<p style="text-align: center;">CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS</p> <p style="text-align: center;">DECATOR, SCALDING, ROCKFORD</p> <p style="text-align: center;">(815) 489-0050</p>
NO.	DATE	DESCRIPTION									
<p>VILLAGE OF MT. ZION, IL</p> <p>BROADWAY STREET RECONSTRUCTION PLAN AND PROFILE</p> <p>STATION 99+65.00 TO 103+25.00</p>											
<p>sheet no. _____</p> <p>project no. 6652</p>											

PROP. CURVE CLO2
 PI STA. = 104+67.45
 $\Delta = 16^\circ 56' 59''$ (RT)
 $D = 16^\circ 51' 06''$
 $R = 340.00'$
 $T = 50.66'$
 $L = 100.58'$
 $E = 3.75'$
 $P.C. STA = 104+16.79$
 $P.T. STA = 105+17.37$



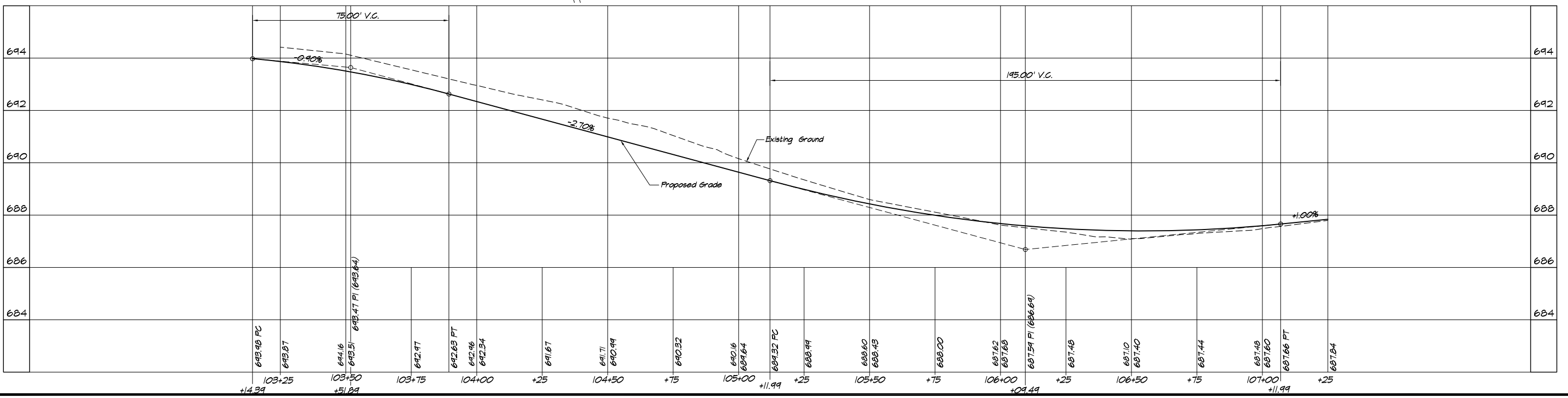
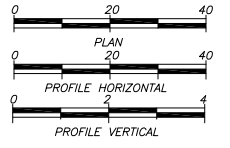
1.4' Lt. 103+33
 San. MH C15.4.1.2
 TG 694.32
 Inv. NE 684.26
 Inv. SW 684.26
 Adjust

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	10
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	

LEGEND

	Concrete Removal
	Concrete Driveway Approach
	HMA Entrance
	HMA Paving
	Rock Driveway
	Building

MATCH LINE STA. 107+25.00



PROJECT NO.	6652
FIELD BOOK NO.	
START DATE	
DRAWN BY	Les Jenkins
CHECKED BY	MBF
C&A REF. NO.	14-051D
BGM REF. NO.	
FILE LOCATION	

DECATOR
 SCLAMBURG
 ROCKFORD

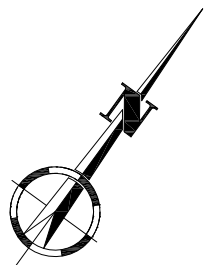
(817) 482-8544
 (773) 744-0000
 (815) 489-0050
 184-001397

CHASTAIN & ASSOCIATES LLC
 CONSULTING ENGINEERS

VILLAGE OF MT. ZION, IL
 BROADWAY STREET
 RECONSTRUCTION
 PLAN AND PROFILE
 STATION 103+25.00 TO 107+25.00

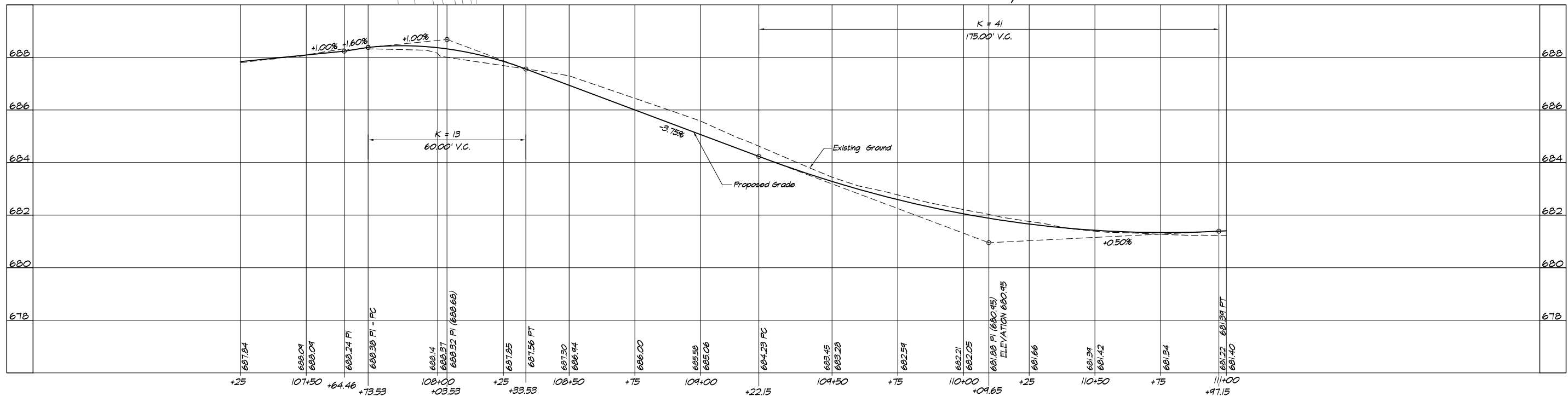
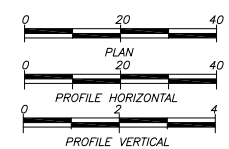
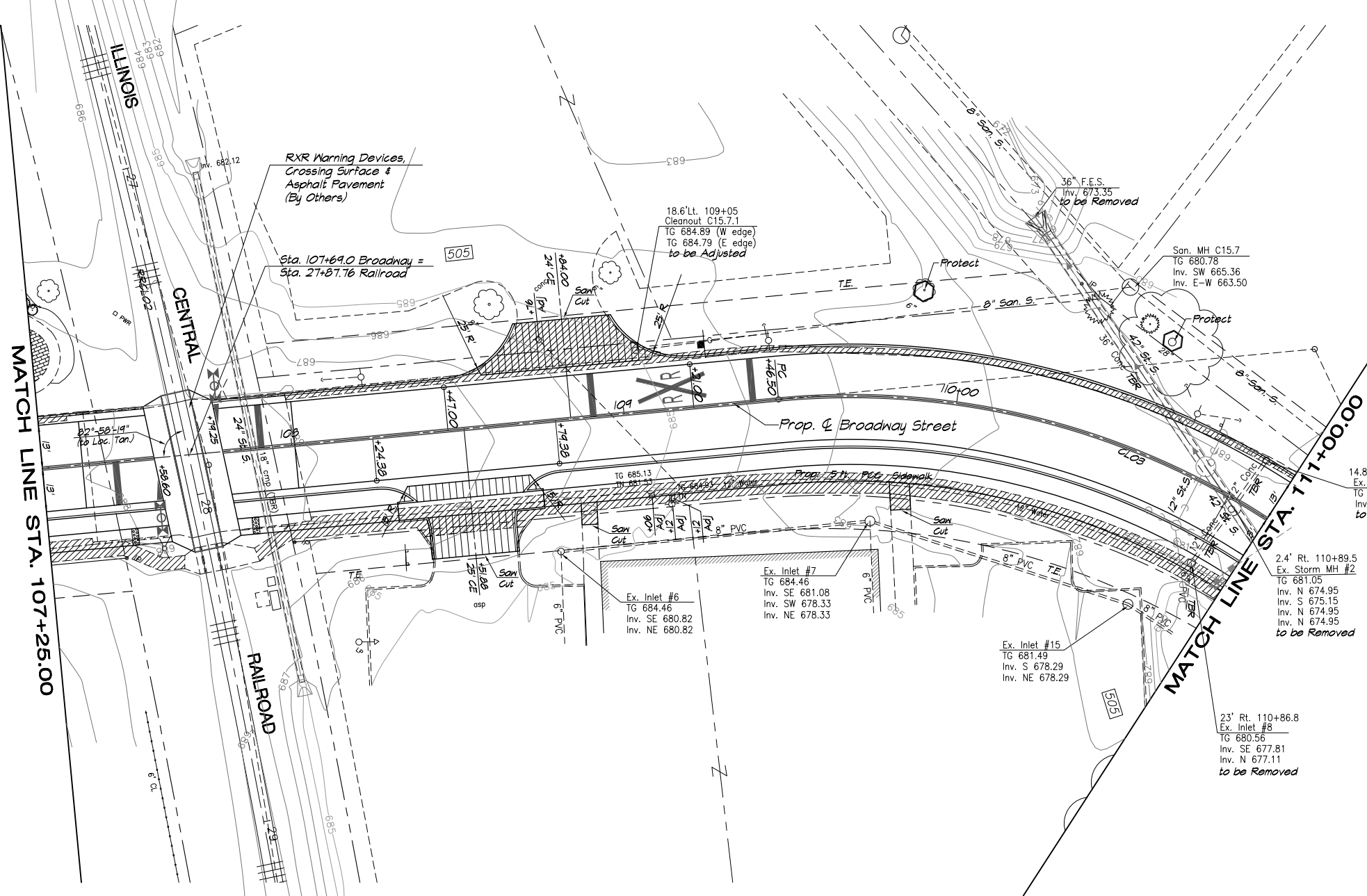
sheet no.
 project no.
 6652

EXIST. CURVE RRCL02
 PI STA. = 27+92.18
 $\Delta = 5^\circ 59' 59''$ (RT)
 $D = 1' 30' 00''$
 $R = 3,819.83'$
 $T = 200.18'$
 $L = 400.00'$
 $E = 5.24'$
 P.C. STA. = 25+92.00
 P.T. STA. = 29+92.00



LEGEND

- Concrete Removal
- Concrete Driveway Approach
- HMA Entrance
- HMA Paving
- Rock Driveway
- Building



ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	11
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	

REVISIONS

NO.	DATE	BY	DESCRIPTION

PROJECT NO. 6652

FIELD BOOK NO. 482-8544

START DATE 7/14/00

DRAWN BY Les Jenkins

CHECKED BY MBF

CS&A REF. NO. 489-0050

BGM REF. NO. 184-001397

FILE LOCATION 14-051D

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

VILLAGE OF MT. ZION, IL
 BROADWAY STREET
 RECONSTRUCTION
 PLAN AND PROFILE
 STATION 107+25.00 TO 111+00.00

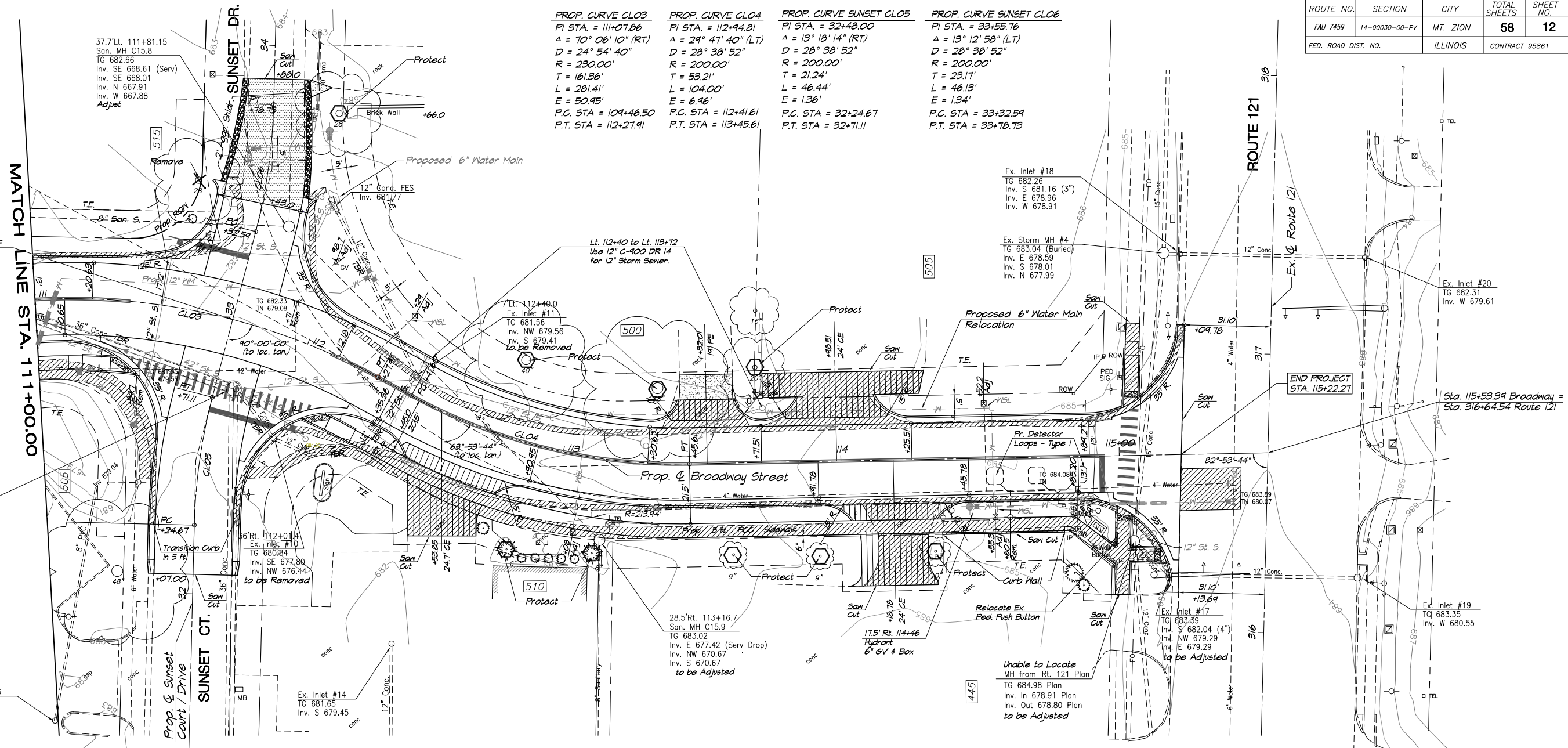
sheet no. 6652

project no. 6652



MATCH LINE STA. 111+00.00

Sta. 111+71.64 Broadway =
Sta. 33+00.00 Sunset



PROP. CURVE CLO3	PROP. CURVE CLO4	PROP. CURVE SUNSET CLO5	PROP. CURVE SUNSET CLO6
PI STA. = 111+07.86	PI STA. = 112+94.81	PI STA. = 32+48.00	PI STA. = 33+55.76
$\Delta = 70^\circ 06' 10''$ (RT)	$\Delta = 29^\circ 47' 40''$ (LT)	$\Delta = 13^\circ 18' 14''$ (RT)	$\Delta = 13^\circ 12' 58''$ (LT)
$D = 24^\circ 54' 40''$	$D = 28^\circ 38' 52''$	$D = 28^\circ 38' 52''$	$D = 28^\circ 38' 52''$
$R = 230.00'$	$R = 200.00'$	$R = 200.00'$	$R = 200.00'$
$T = 161.36'$	$T = 53.21'$	$T = 21.24'$	$T = 23.17'$
$L = 281.41'$	$L = 104.00'$	$L = 46.44'$	$L = 46.13'$
$E = 50.95'$	$E = 6.96'$	$E = 1.36'$	$E = 1.34'$
P.C. STA. = 109+46.50	P.C. STA. = 112+41.61	P.C. STA. = 32+24.67	P.C. STA. = 33+32.59
P.T. STA. = 112+27.91	P.T. STA. = 113+45.61	P.T. STA. = 32+71.11	P.T. STA. = 33+78.73

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	12
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	

24' Rt. 111+78.98
Ex. Storm MH #3
TG 681.31
Inv. SE 677.80
Inv. W 675.01
Inv. S 675.06
to be removed

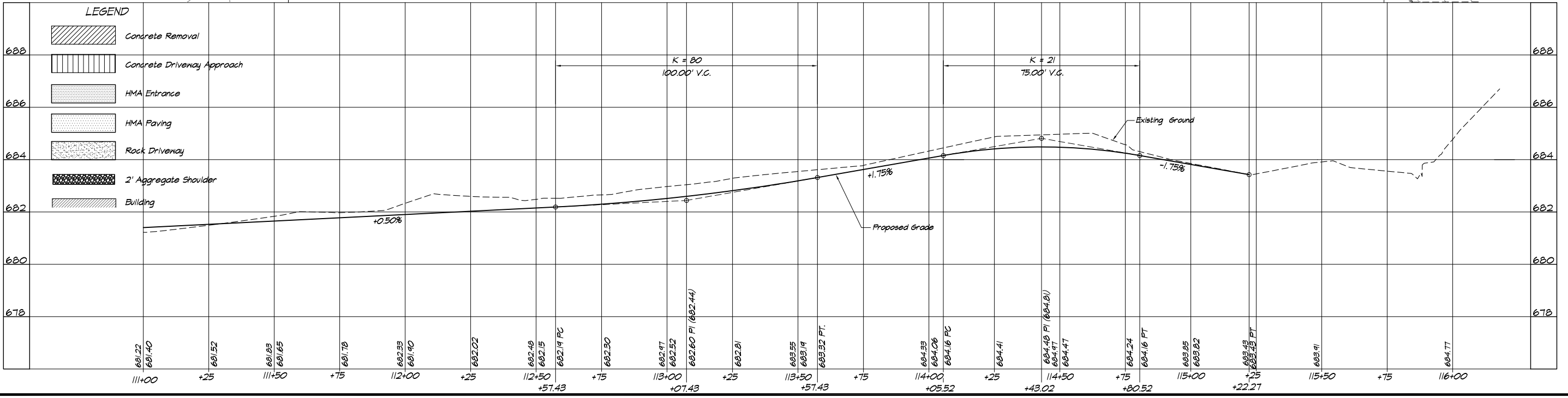
36' Rt. 112+01.14
Ex. Inlet #10
TG 680.84
Inv. SE 677.80
Inv. NW 676.44
to be removed

28.5' Rt. 113+16.7
San. MH C15.9
TG 683.02
Inv. E 677.42 (Serv Drop)
Inv. NW 670.67
Inv. S 670.67
to be Adjusted

Unable to Locate
MH from Rt. 121 Plan
TG 684.98 Plan
Inv. In 678.91 Plan
Inv. Out 678.80 Plan
to be Adjusted

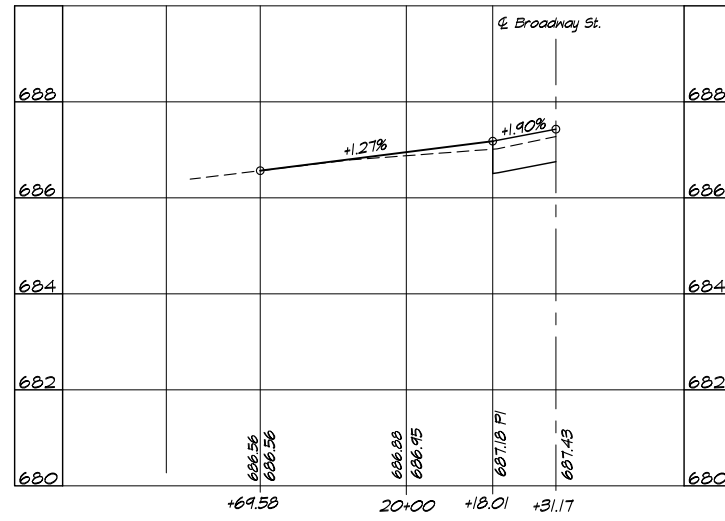
17.5' Rt. 114+46
Hydrant
6" 6V & Box
TG 683.39
Inv. S 682.04 (4")
Inv. NW 679.29
Inv. E 679.29
to be Adjusted

Ex. Inlet #19
TG 683.35
Inv. W 680.55

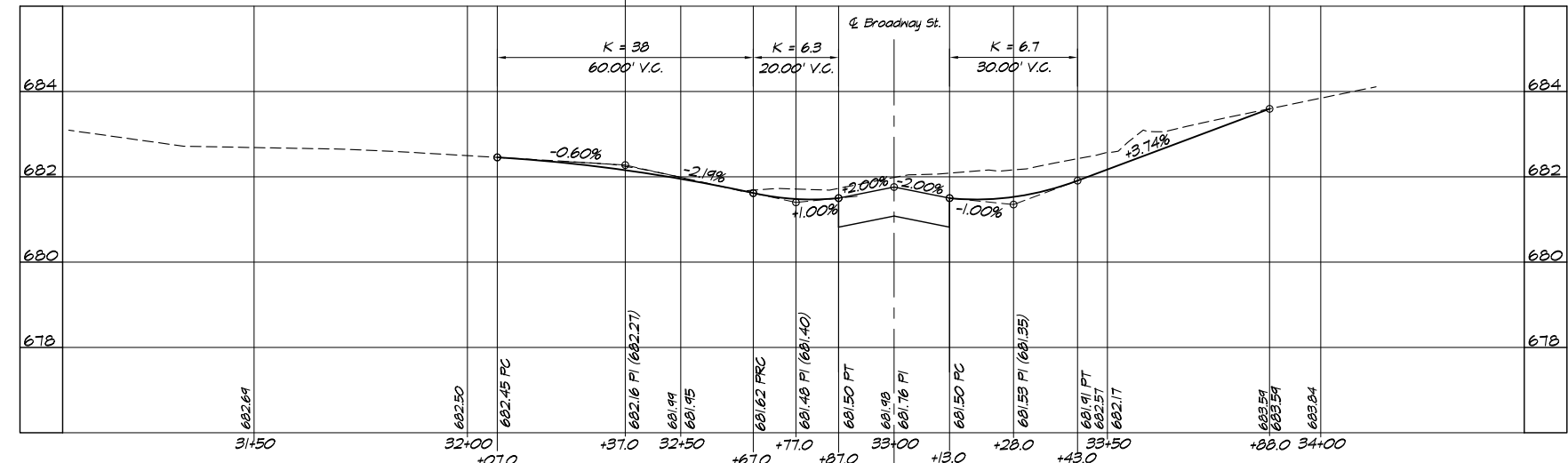


REVISIONS									
BY	DATE								
<p>CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS</p>									
<p>VILLAGE OF MT. ZION, IL BROADWAY STREET RECONSTRUCTION PLAN AND PROFILE STATION 111+00.00 TO 116+21.51</p>									
<p>sheet no. 6652</p>									
<p>project no. 6652</p>									

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	13
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	

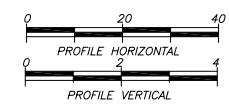


PROFILE NORTH ST.



PROFILE SUNSET CT.

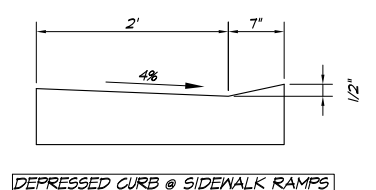
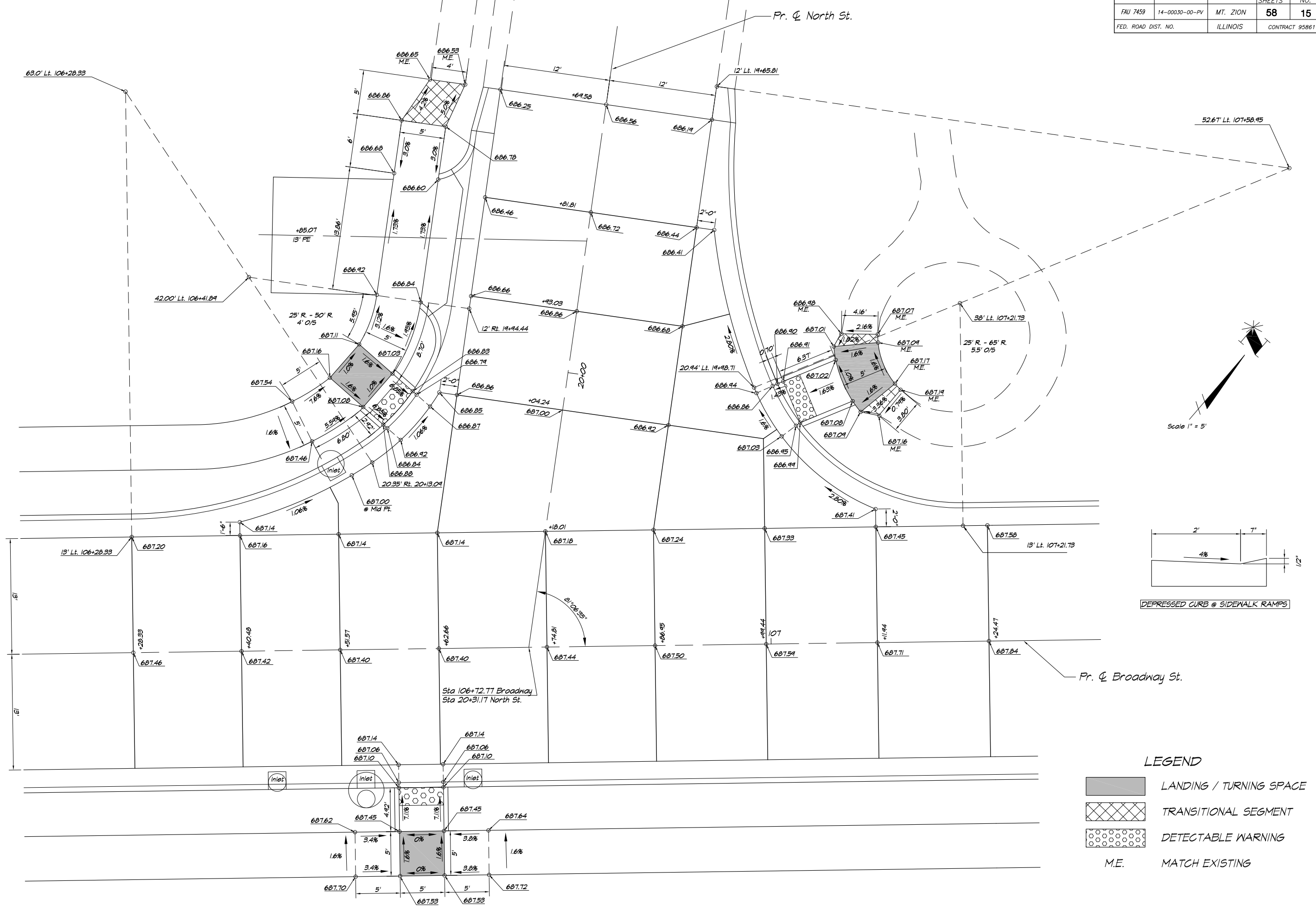
PROFILE SUNSET DR.



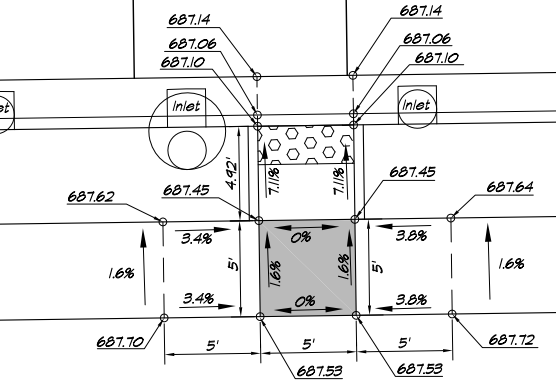
PROJECT NO.	FIELD BOOK NO.	START DATE	PROJECT NO.	REVISION/ISSUED
DECANTER & ASSOCIATES LLC CONSULTING ENGINEERS 184-001397	(317) 482-8544 (773) 744-0000 (815) 489-0050	DECANTER SCHLAINBURG ROCKFORD	VILLAGE OF MT. ZION, IL BROADWAY STREET RECONSTRUCTION SIDE STREET PROFILES	BY DATE
CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS		sheet no.		
		project no. 6652		

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	15
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	

REVISIONS	BY	DATE	
PROJECT NO.	6652		
FIELD BOOK NO.			
START DATE			
DRAWN BY	Les Jenkins		
CHECKED BY	MBF		
C&A REF. NO.			
BGM REF. NO.	14-051D		
FILE LOCATION			
DECATOR	(217) 422-8544		
SCHAUBURG	(731) 744-0950		
ROCKFORD	(815) 489-0690		
	184-001397		
CHASTAIN & ASSOCIATES LLC			
CONSULTING ENGINEERS			
VILLAGE OF MT. ZION, IL			
BROADWAY STREET			
RECONSTRUCTION			
INTERSECTION DETAILS			
NORTH STREET			
Sheet no.			
project no.	6652		

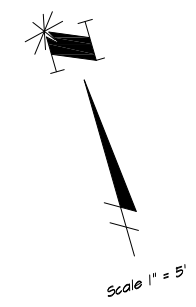
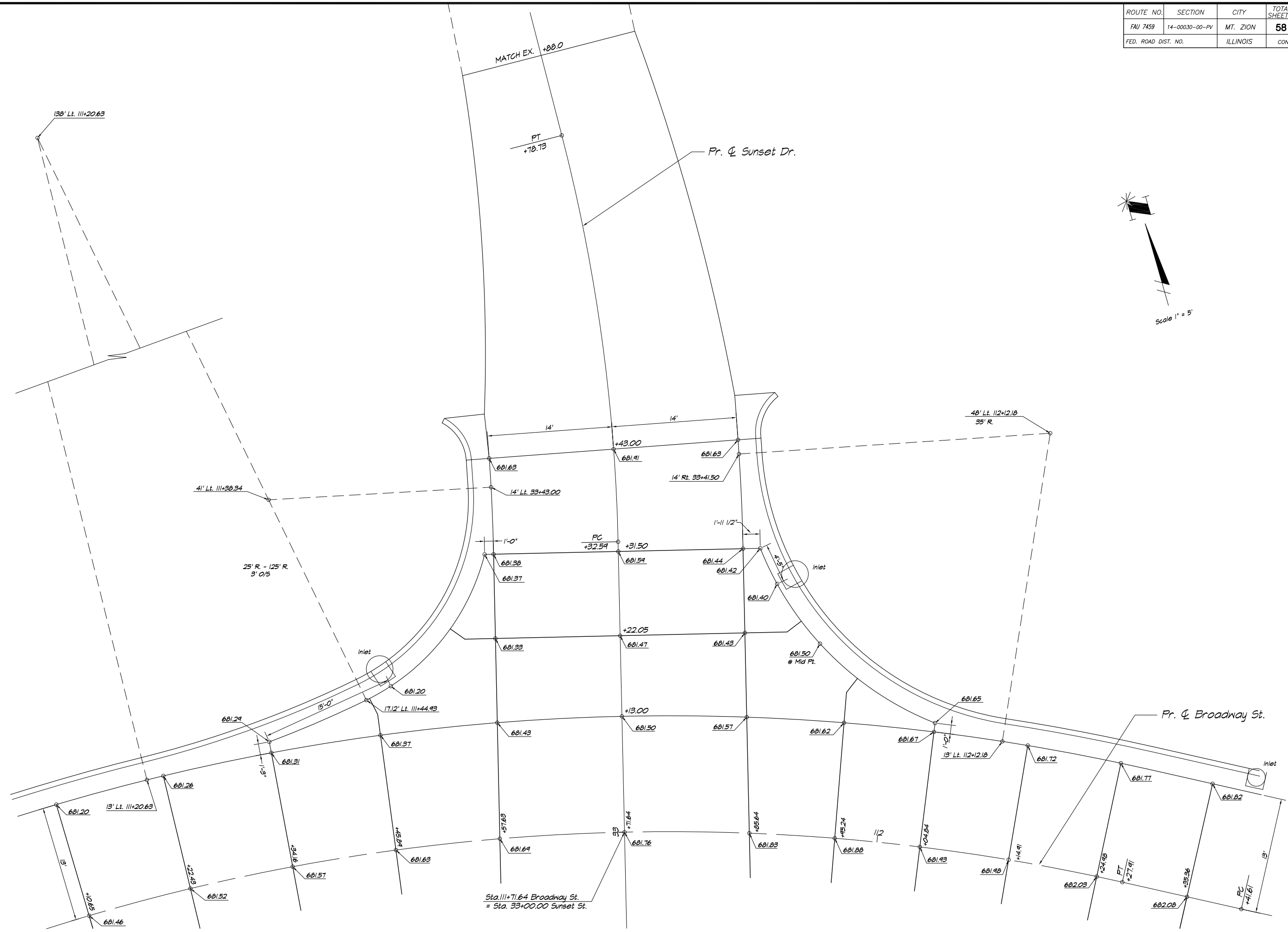


- LEGEND**
- LANDING / TURNING SPACE
 - TRANSITIONAL SEGMENT
 - DETECTABLE WARNING
 - M.E. MATCH EXISTING



ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	16
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	

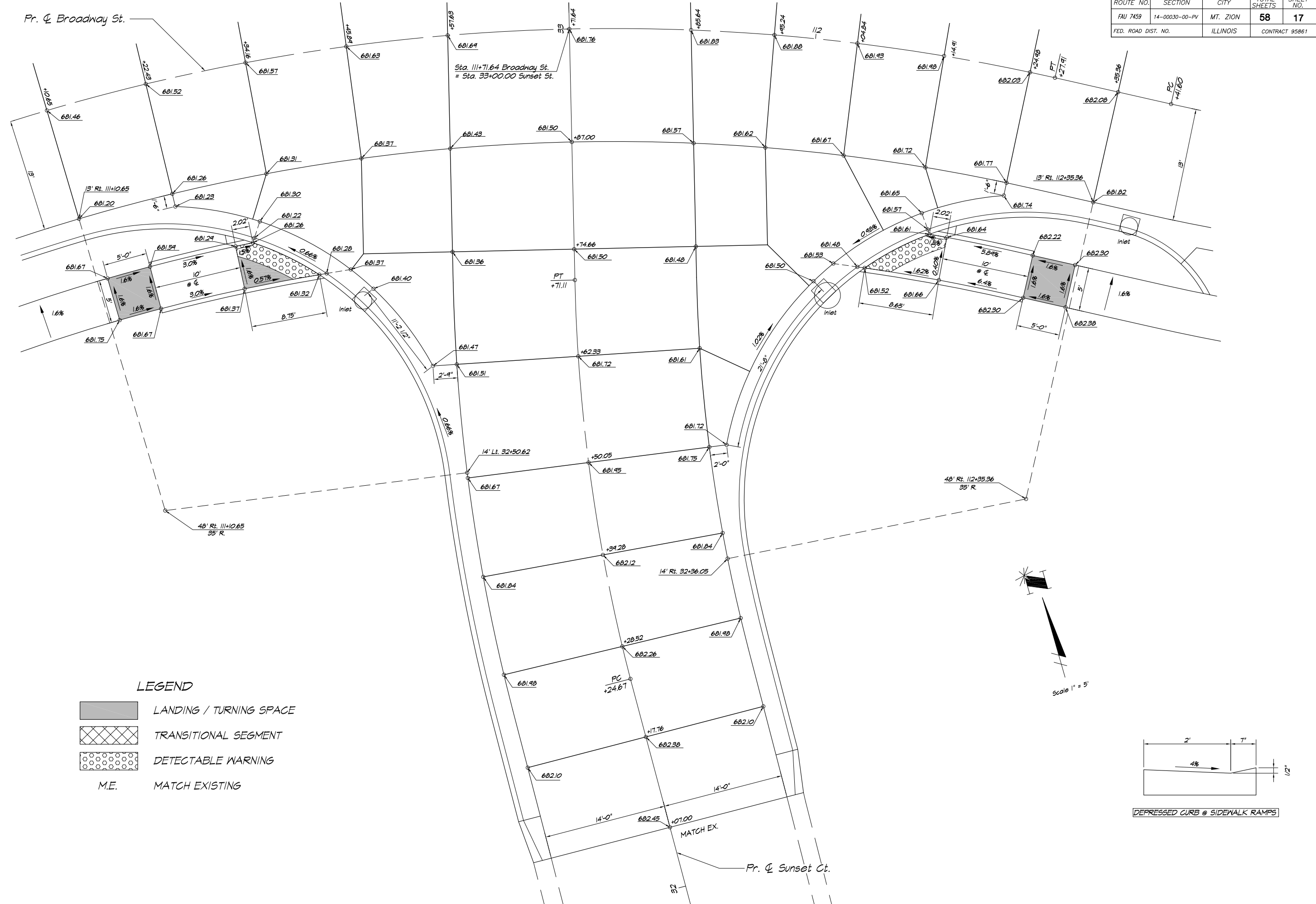
PROJECT NO.	6652
FIELD BOOK NO.	
START DATE	
DRAWN BY	Les Jenkins
CHECKED BY	MBF
C&A REF. NO.	
BGM REF. NO.	14-051D
FILE LOCATION	
DECATUR	(217) 422-8544
SCHLAUBURG	(731) 744-0950
ROCKFORD	(815) 489-0690
CONSULTING ENGINEERS	184-001397
VILLAGE OF MT. ZION, IL	
BROADWAY STREET RECONSTRUCTION INTERSECTION DETAILS	
SUNSET STREET	
Sheet no.	
Project no.	6652



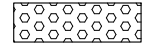


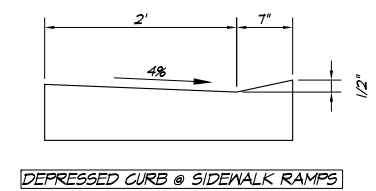
Sta. 11+71.64 Broadway St.
= Sta. 33+00.00 Sunset St.

Pr. & Broadway St.

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	17
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	



- LEGEND**
-  LANDING / TURNING SPACE
 -  TRANSITIONAL SEGMENT
 -  DETECTABLE WARNING
 - M.E. MATCH EXISTING



PROJECT NO.	6652
FIELD BOOK NO.	
START DATE	
DRAWN BY	Les Jenkins
CHECKED BY	MBF
C&A REF. NO.	14-051D
BGM REF. NO.	
FILE LOCATION	

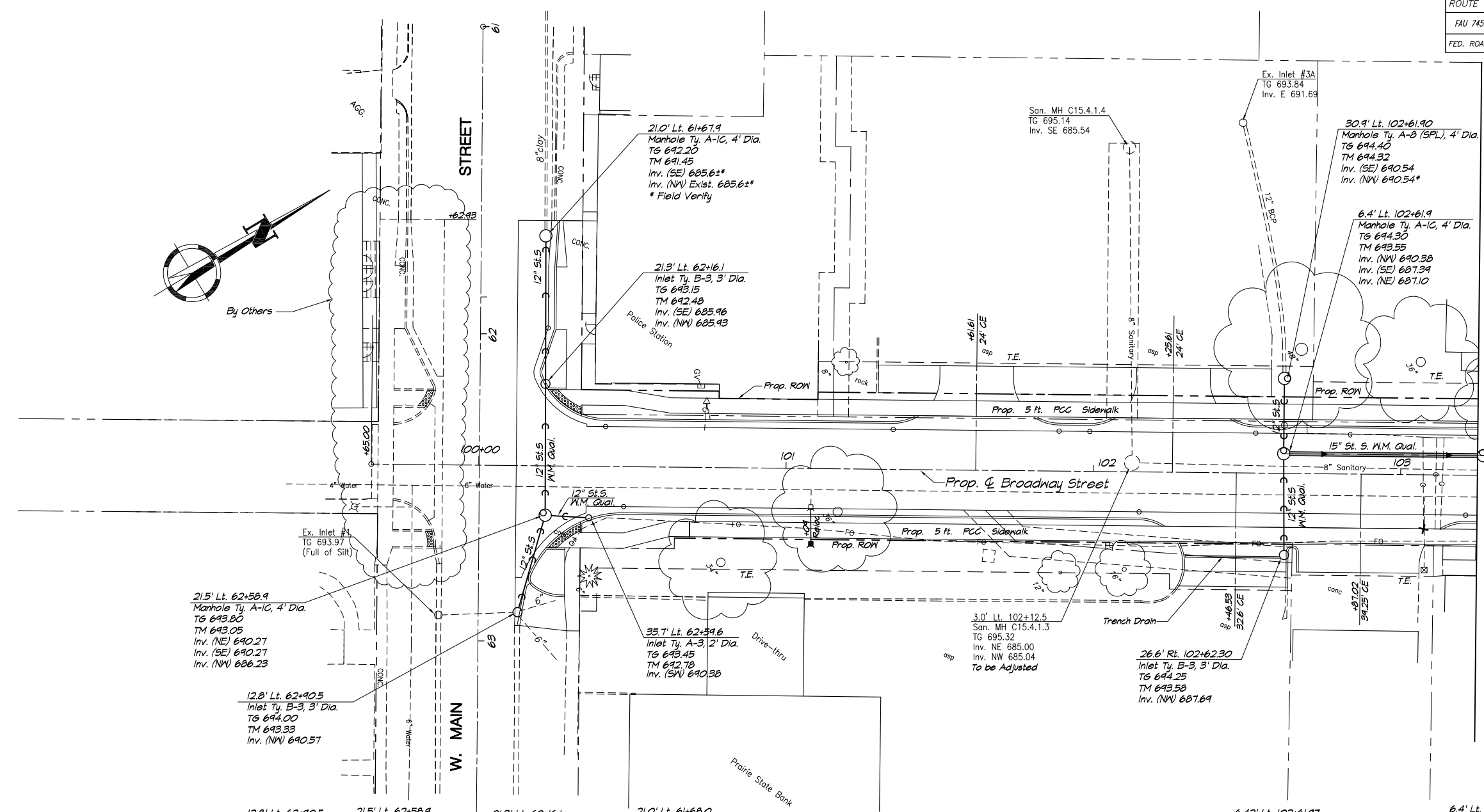
DECATUR (217) 422-8544
 SCHLAUBURG (781) 744-0950
 ROCKFORD (815) 489-0630
 184-001397

CHASTAIN & ASSOCIATES LLC
 CONSULTING ENGINEERS

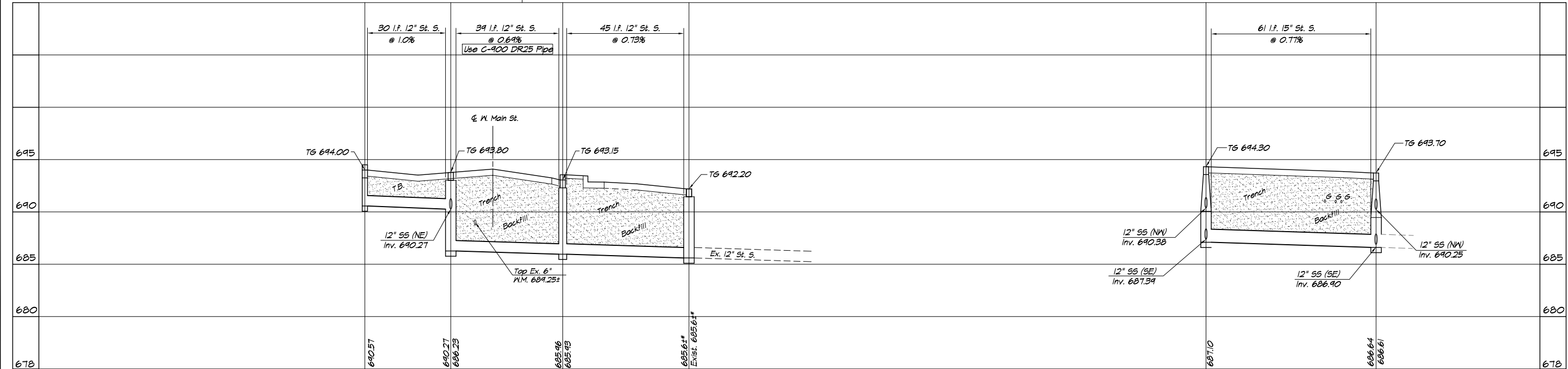
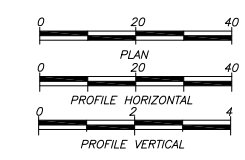
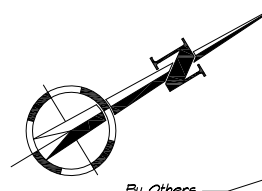
VILLAGE OF MT. ZION, IL
 BROADWAY STREET
 RECONSTRUCTION
 INTERSECTION DETAILS
 SUNSET COURT

sheet no.
 project no.
 6652

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	19
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	



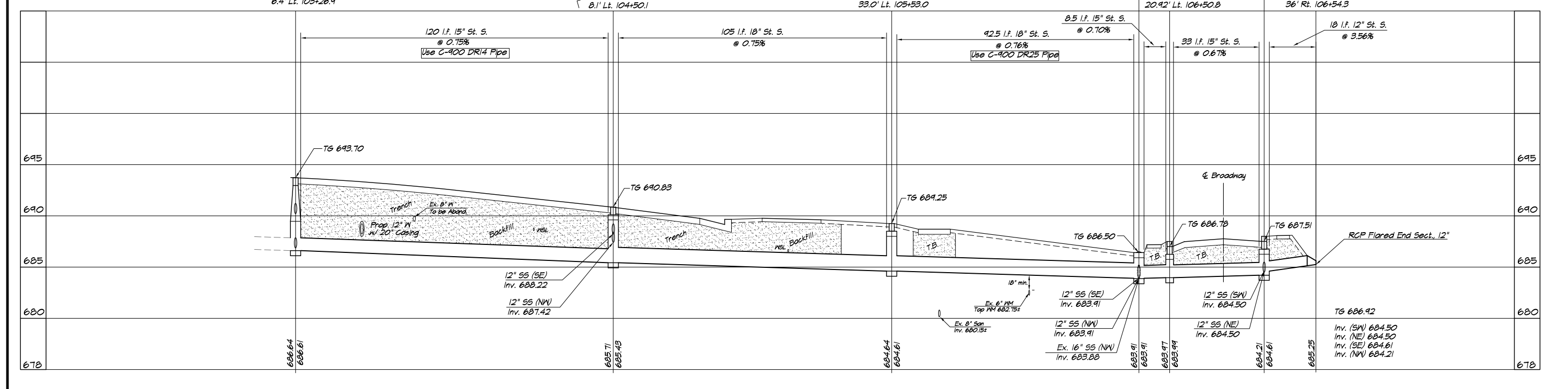
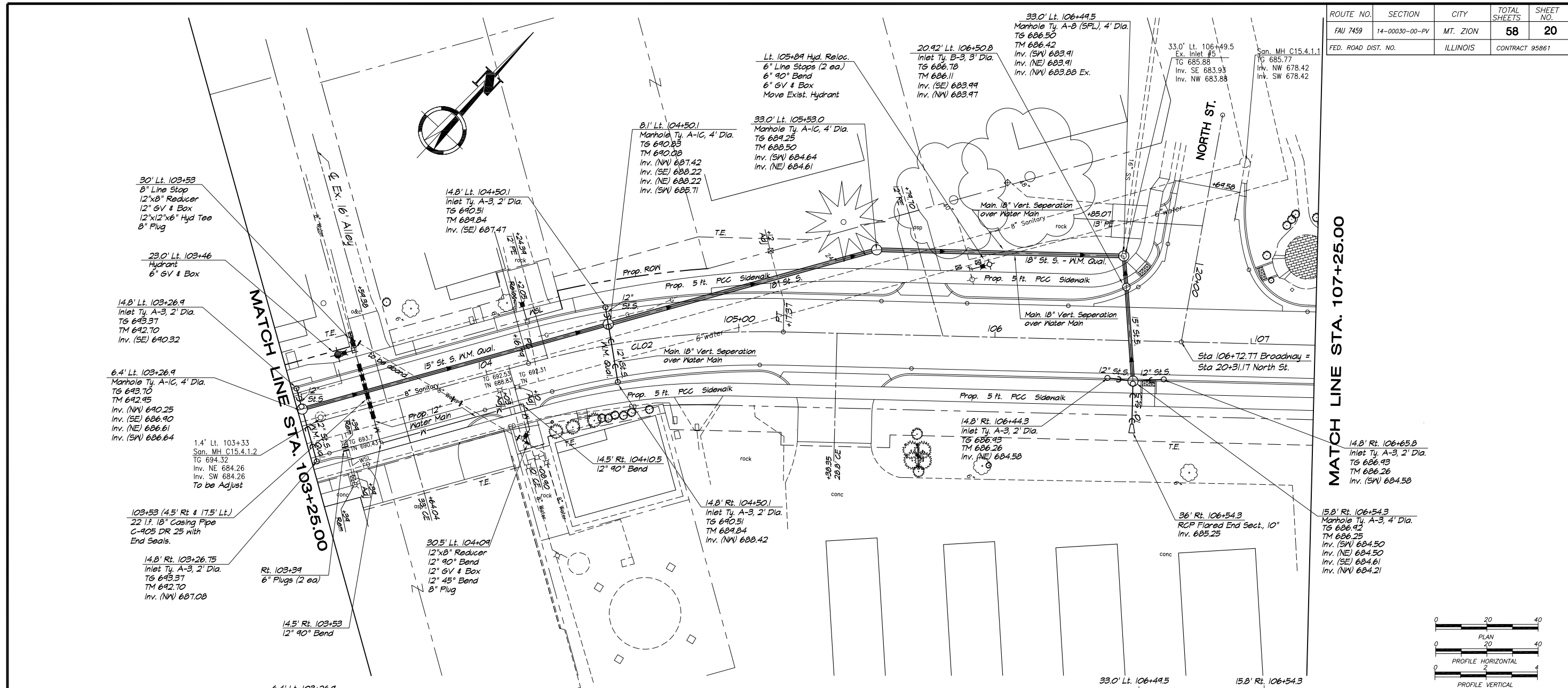
MATCH LINE STA. 103+25.00



PROJECT NO. 6652 FIELD BOOK NO. START DATE DRAWN BY Les Jenkins CHECKED BY MBF C&A REF. NO. 184-001397 BGM REF. NO. 14-051D FILE LOCATION	REVISIONS BY DATE	DECATOR SCLAIRBURG ROCKFORD (815) 489-0050 (815) 489-0050 (815) 489-0050 (815) 489-0050	CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS	VILLAGE OF MT. ZION, IL BROADWAY STREET RECONSTRUCTION STORM SEWER PLAN & PROFILE WATER MAIN PLAN	sheet no. project no. 6652
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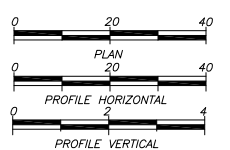
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FAU 7459	14-00030-00-PV	MT. ZION	58	20
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	

PROJECT NO.	6652
FIELD BOOK NO.	
START DATE	
DRAWN BY	Les Jenkins
CHECKED BY	MBF
CSA REF. NO.	
BGM REF. NO.	14-051D
FILE LOCATION	
DECATOR	(317) 482-8544
SCLAINDURG	(773) 744-0000
ROCKFORD	(815) 489-0050
CONSULTING ENGINEERS	184-001397
CHASTAIN & ASSOCIATES LLC	
CONSULTING ENGINEERS	
VILLAGE OF MT. ZION, IL	
BROADWAY STREET RECONSTRUCTION	
STORM SEWER PLAN & PROFILE	
WATER MAIN PLAN	
sheet no.	
project no.	6652

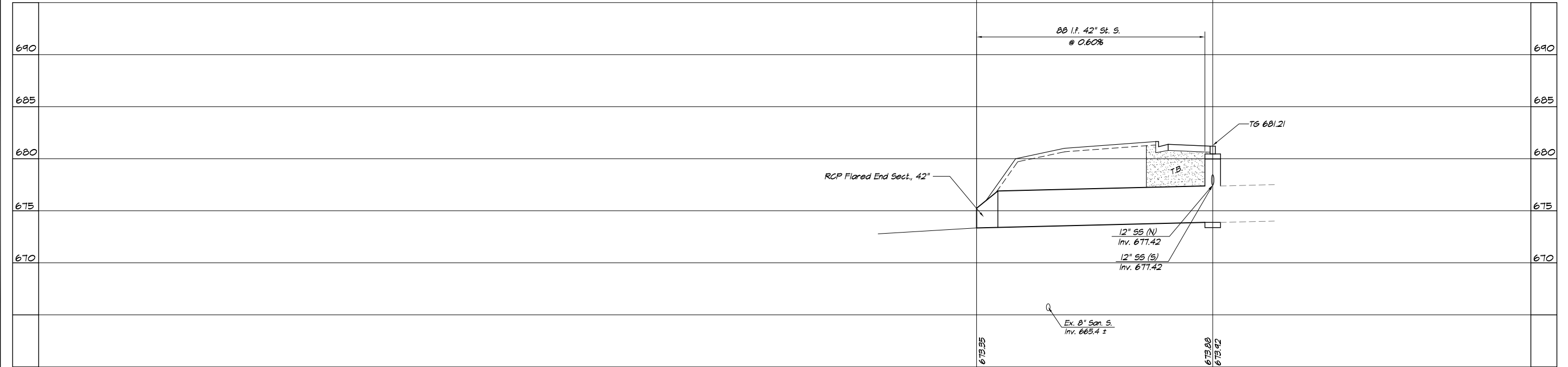
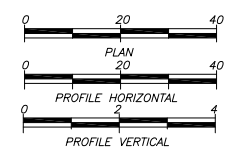
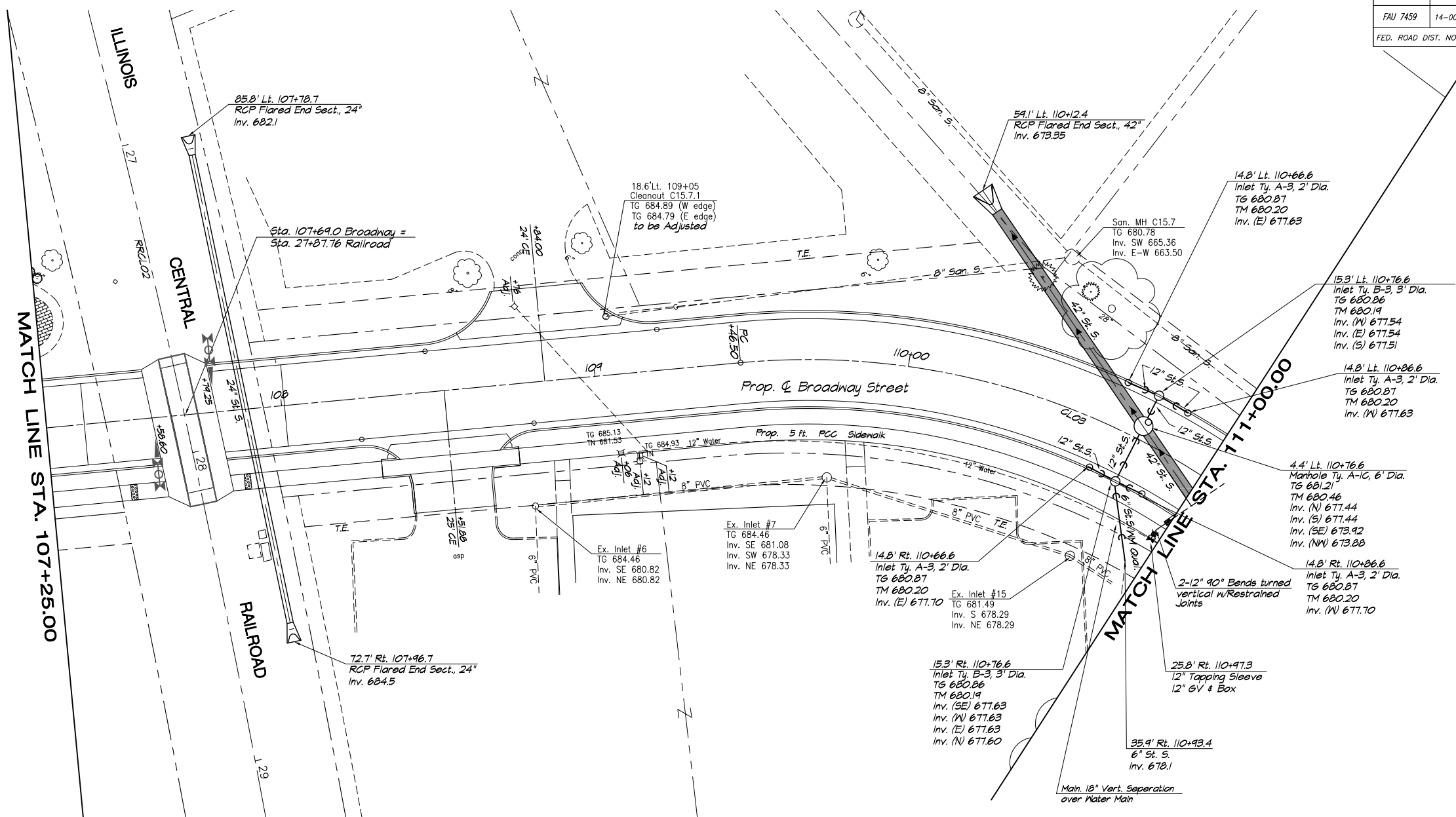
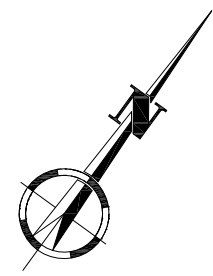


MATCH LINE STA. 107+25.00

MATCH LINE STA. 103+25.00



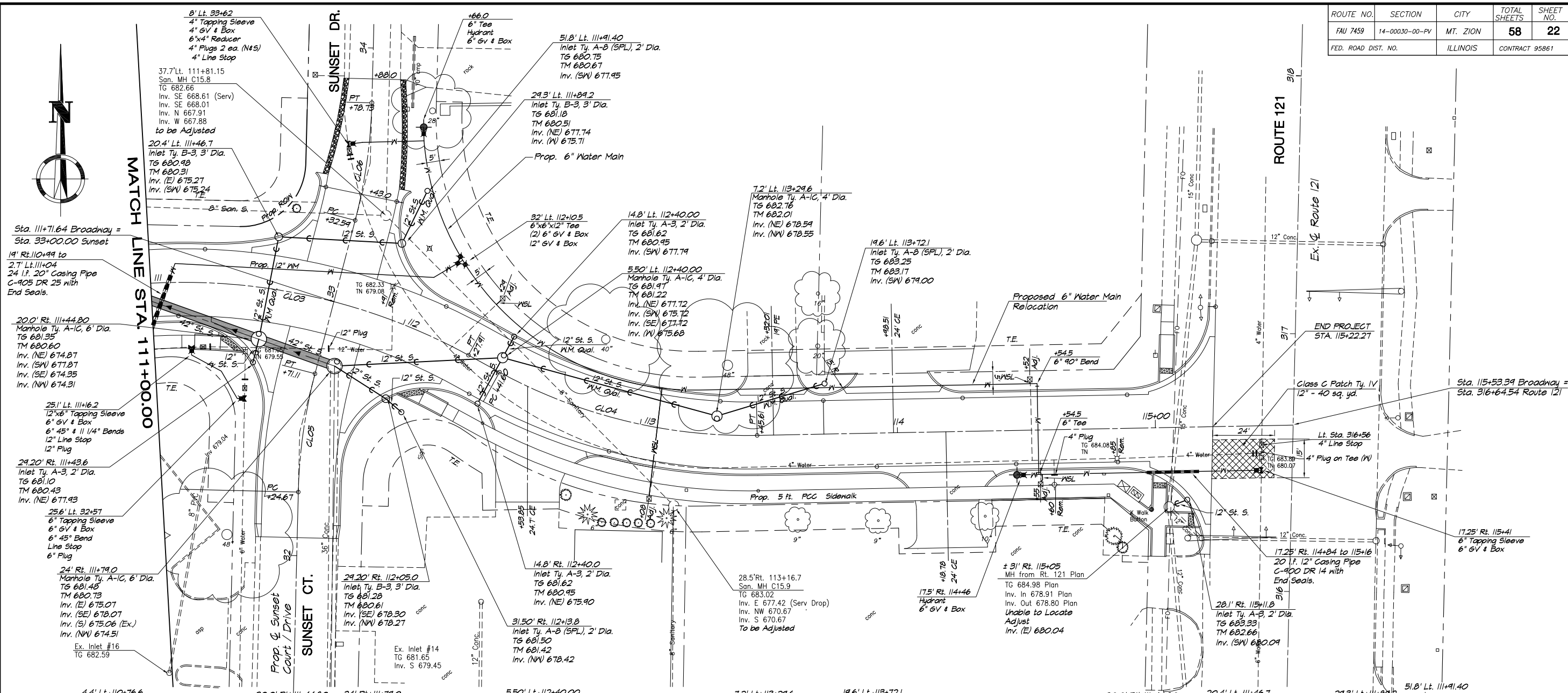
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FAU 7459	14-00030-00-PV	MT. ZION	58	21
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	



REVISIONS	BY	DATE	PROJECT NO.	6652
			FIELD BOOK NO.	
			START DATE	
			DRAWN BY	Les Jenkins
			CHECKED BY	MBF
			C&A REF. NO.	14-051D
			BGM REF. NO.	
			FILE LOCATION	
<p>CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS</p> <p>184-001397</p>				
<p>VILLAGE OF MT. ZION, IL BROADWAY STREET RECONSTRUCTION STORM SEWER PLAN & PROFILE WATER MAIN PLAN</p>				
sheet no.				
project no. 6652				



ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	22
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	



690	64 l.f. 42" St. S. @ 0.56% C-905 DR25	28 l.f. 42" St. S. @ 0.67%	60 l.f. 12" St. S. @ 1.0%	82 l.f. 12" St. S. @ 1.0% C-900 DR25	40.5 l.f. 42" St. S. @ 1.20% C-900 DR25	690	36 l.f. 12" St. S. @ 2.47% C-900 DR25	40.5 l.f. 12" St. S. @ 1.1%	20 l.f. 12" St. S. @ 1.0% C-900 DR25	690
685						685				685
680	TG 681.35	TG 681.35	TG 681.48	TG 681.97	TG 682.76	680	TG 681.35	TG 680.98	TG 681.18	TG 680.75
675	18" min.	12" SS (SW) Inv. 677.87	12" SS (SE) Inv. 678.07	Ex. 4" M.M. to be Aband.	12" SS (NE) Inv. 677.72	675	12" SS (SW) Inv. 677.87	18" min.	12" SS (NE) Inv. 674.87	Ex. 4" M.M. to be Aband.
670	Prop. 12" M.M. w/ 20" Casing	12" SS (NE) Inv. 674.87	Ex. 36" St. S. (3) Inv. 675.06	12" SS (SW) Inv. 675.72	Ex. 8" San. S. Inv. 669.1 ±	670	42" SS (NW) Inv. 674.91	Prop. 6" M.M.	42" SS (SE) Inv. 674.95	Ex. 8" San. S. Inv. 667.8 ±
673.88 673.92		674.31 674.35	674.51 675.07	675.68 677.72	678.55 678.59	679.00	674.87	675.24 675.27	675.71 677.74	677.95

NOTE:
Lt. 112+40 to Lt. 113+72
Use 12" C-900 DR 14
for 12" Storm Sewer.

PROJECT NO.	6652
FIELD BOOK NO.	
START DATE	
DRAWN BY	Les Jenkins
CHECKED BY	MBF
CSA REF. NO.	14-051D
BGM REF. NO.	
FILE LOCATION	

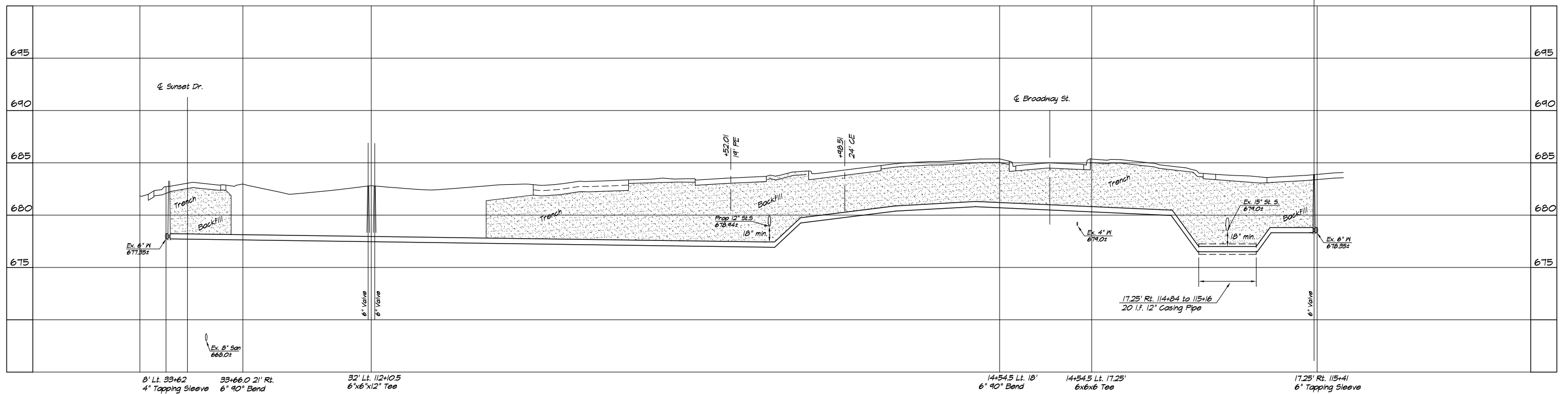
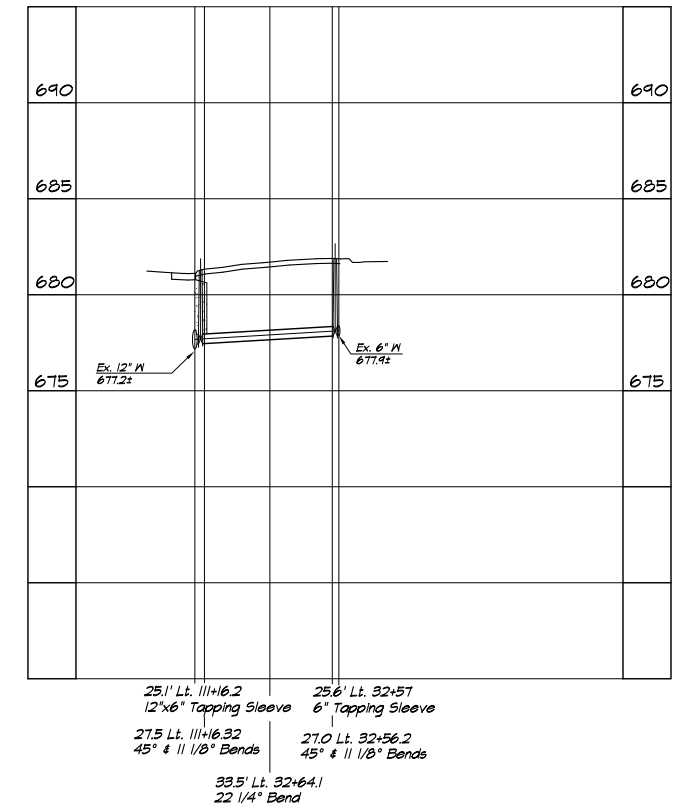
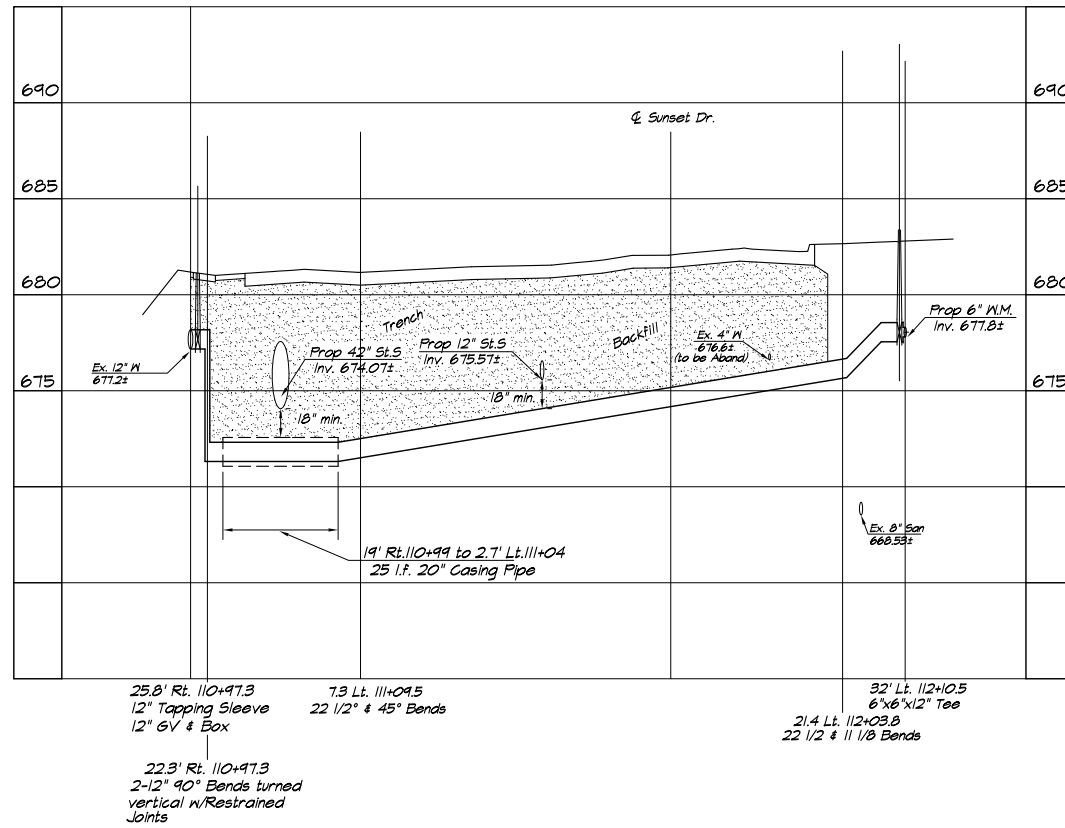
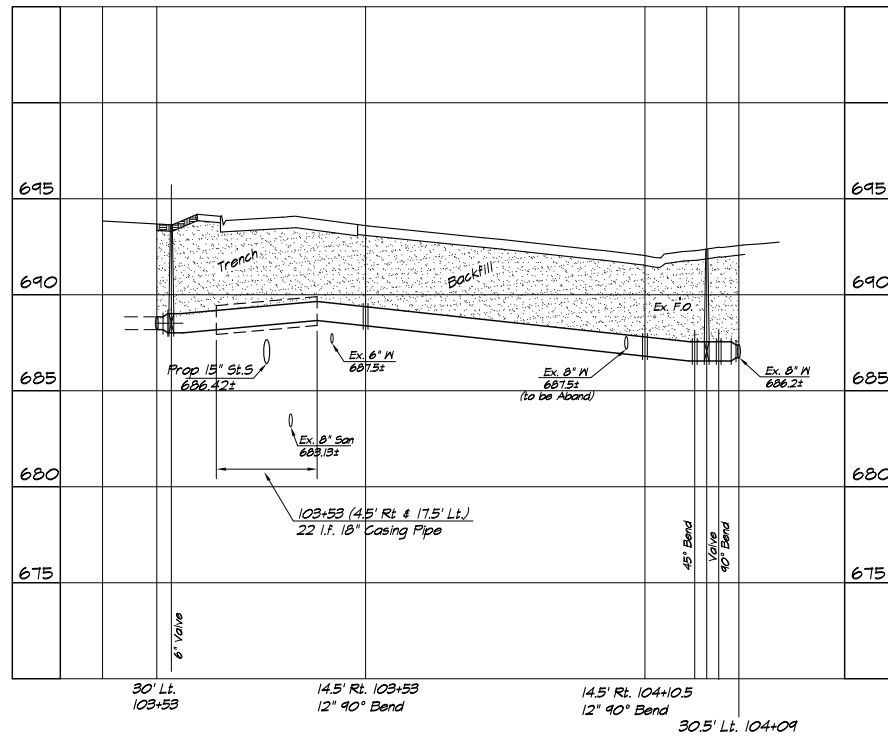
CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

DECATUR, GA 30228
SCLAMOR, GA 30783
ROCKFORD, IL 61101
184-001397

PROJECT NO.	6652
FIELD BOOK NO.	
START DATE	
DRAWN BY	Les Jenkins
CHECKED BY	MBF
CSA REF. NO.	14-051D
BGM REF. NO.	
FILE LOCATION	

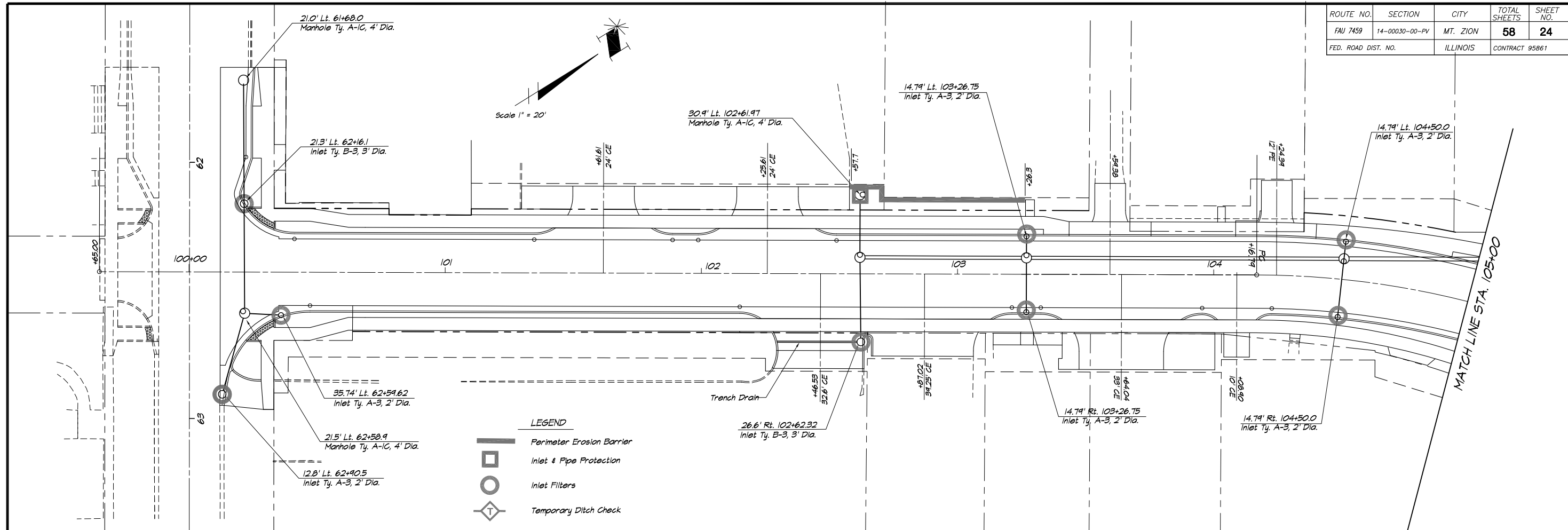
VILLAGE OF MT. ZION, IL
BROADWAY STREET
RECONSTRUCTION
STORM SEWER PLAN & PROFILE
WATER MAIN PLAN

sheet no. 6652
project no. 6652

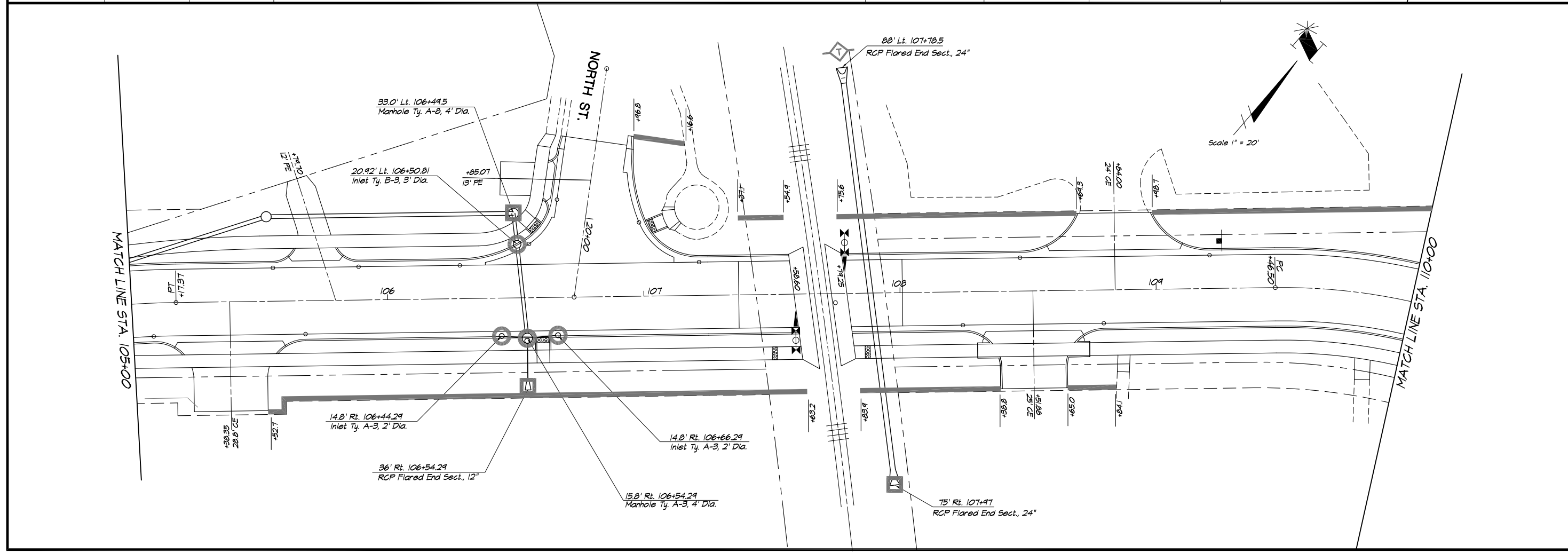


PROJECT NO.	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CSA REF. NO.	BGM REF. NO.	FILE LOCATION
<p>CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS</p>							
<p>VILLAGE OF MT. ZION, IL BROADWAY STREET RECONSTRUCTION WATER MAIN PROFILE</p>							
sheet no.							
project no. 6652							

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	24
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	



- LEGEND**
- Perimeter Erosion Barrier
 - Inlet & Pipe Protection
 - Inlet Filters
 - Temporary Ditch Check



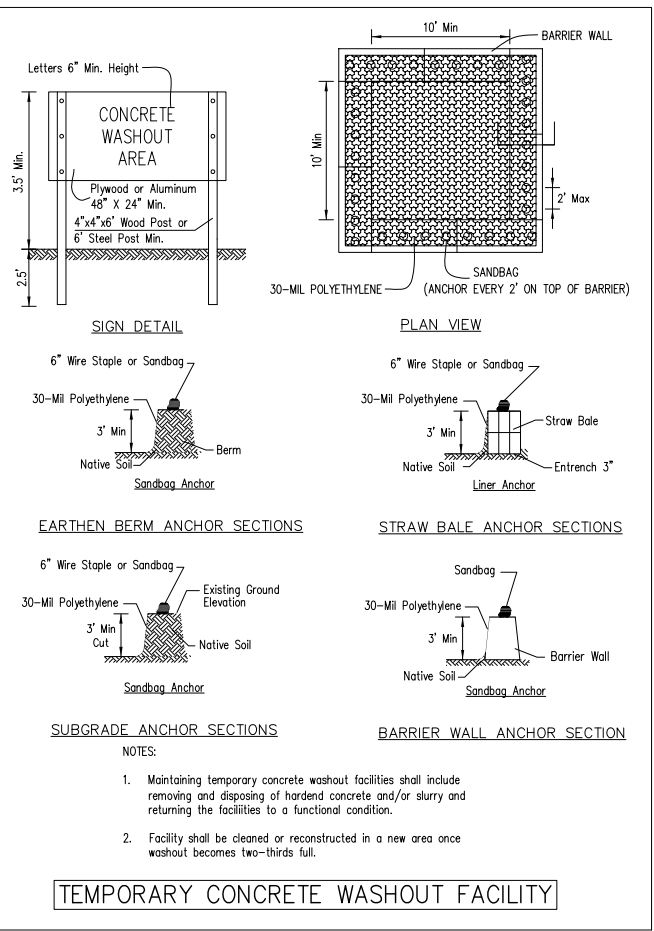
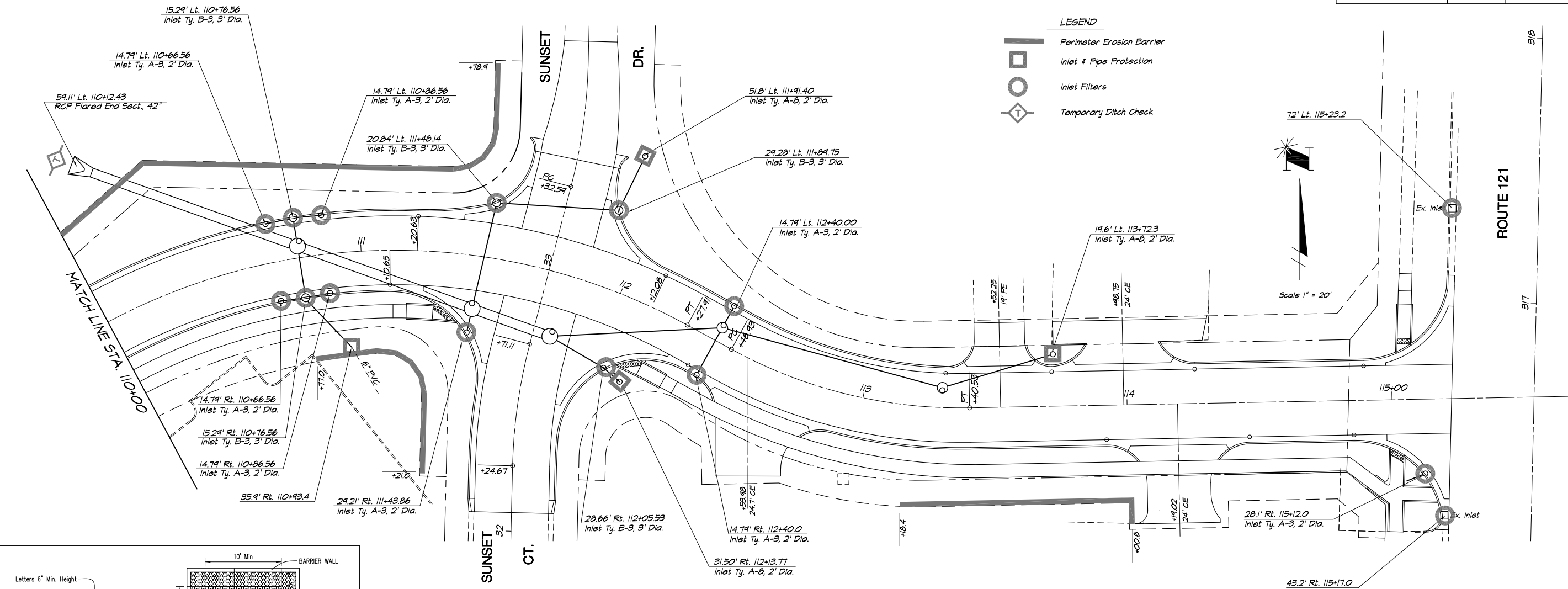
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FIELD BOOK NO.	
START DATE	
DRAWN BY	LES JERIKINS
CHECKED BY	MBF
C&A REF. NO.	
BGM REF. NO.	14-051D
FILE LOCATION	

(217) 422-8544
 (217) 714-0050
 (815) 489-0630
 184-001397

CHASTAIN & ASSOCIATES LLC
 CONSULTING ENGINEERS
 DECATUR, ILLINOIS
 ROCKFORD, ILLINOIS

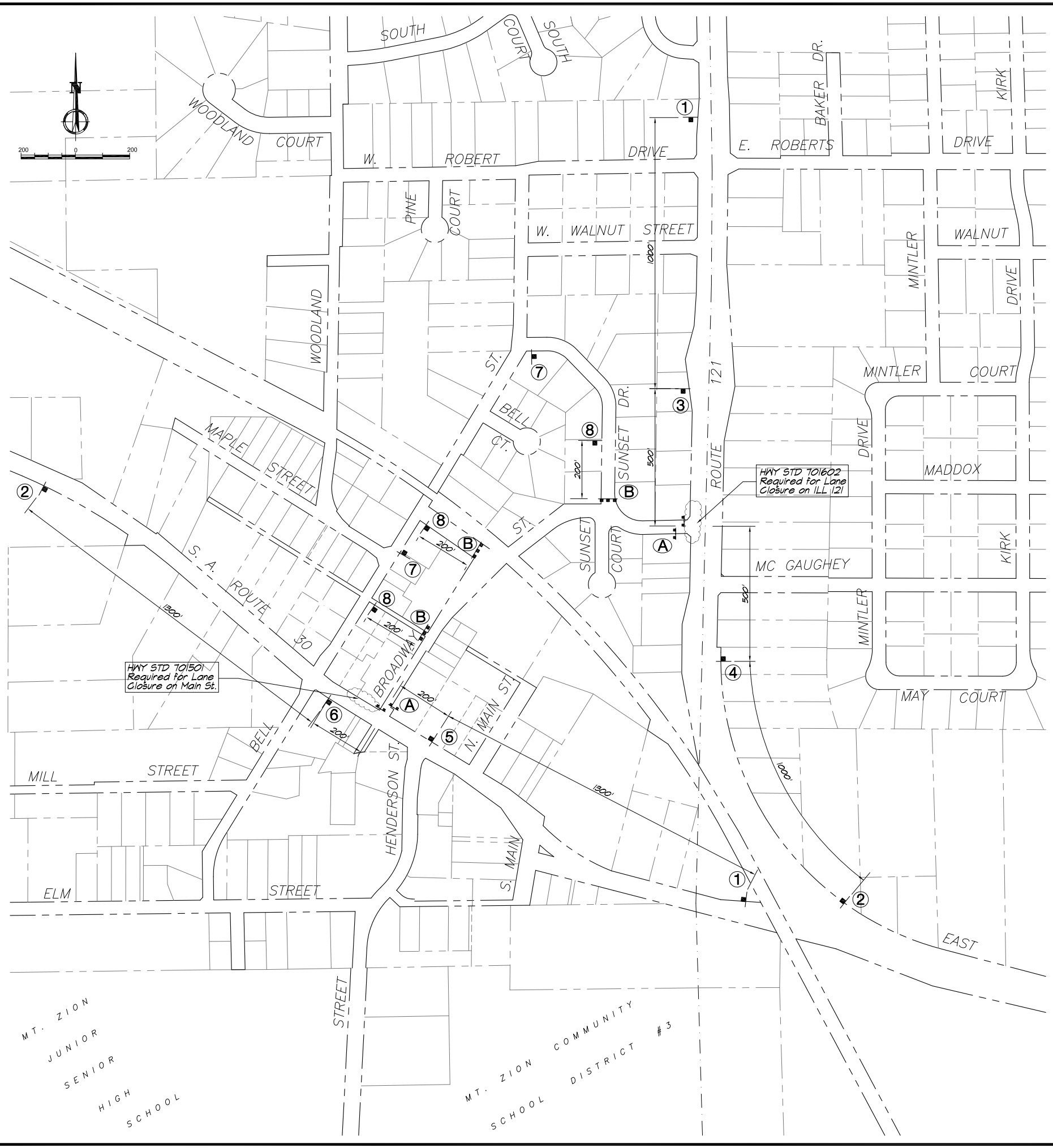
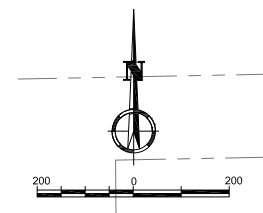
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BROADWAY STREET RECONSTRUCTION	project no.
EROSION CONTROL PLAN	6652
STA. 100+00 TO 110+00	

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	25
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	

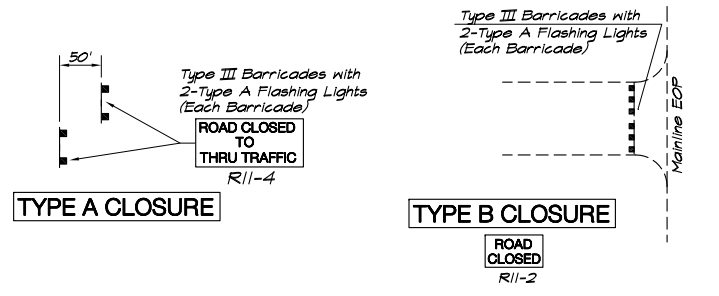


REVISIONS	BY	DATE	6652
PROJECT NO.	FIELD BOOK NO.	START DATE	6652
DECATUR	(217) 422-8544	DRAWN BY	Les Jenkins
SCHAEFFER	(731) 740-0050	CHECKED BY	MBF
ROCKFORD	(815) 489-0630	C&A REF. NO.	14-051D
CONSULTING ENGINEERS	184-001397	BGM REF. NO.	14-051D
FILE LOCATION			
VILLAGE OF MT. ZION, IL	BROADWAY STREET	RECONSTRUCTION	EROSION CONTROL PLAN
	STA. 110+00 TO 115+22.5		
sheet no.			
project no.			6652

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	00-00000-00-RP	MT. ZION	58	26
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	



- ① ROAD CLOSED AHEAD
W20-3(O)-48
M5-1(O) 2115
- ② ROAD CLOSED AHEAD
W20-3(O)-48
M5-1(O) 2115
- ③ ROAD CLOSED 500 FT
W20-3(O)-48
M5-1(O) 2115
- ④ ROAD CLOSED 500 FT
W20-3(O)-48
M5-1(O) 2115
- ⑤ ROAD CLOSED 200 FT
W20-3(O)-48
M5-1(O) 2115
- ⑥ ROAD CLOSED 200 FT
W20-3(O)-48
M5-1(O) 2115
- ⑦ ROAD CLOSED AHEAD
W20-3(O)-48
- ⑧ ROAD CLOSED 200 FT
W20-3(O)-48



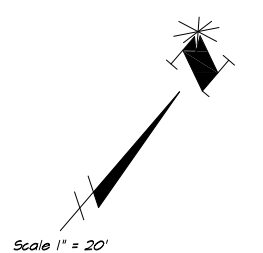
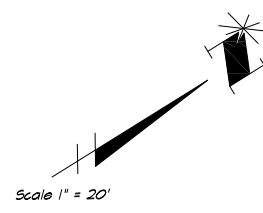
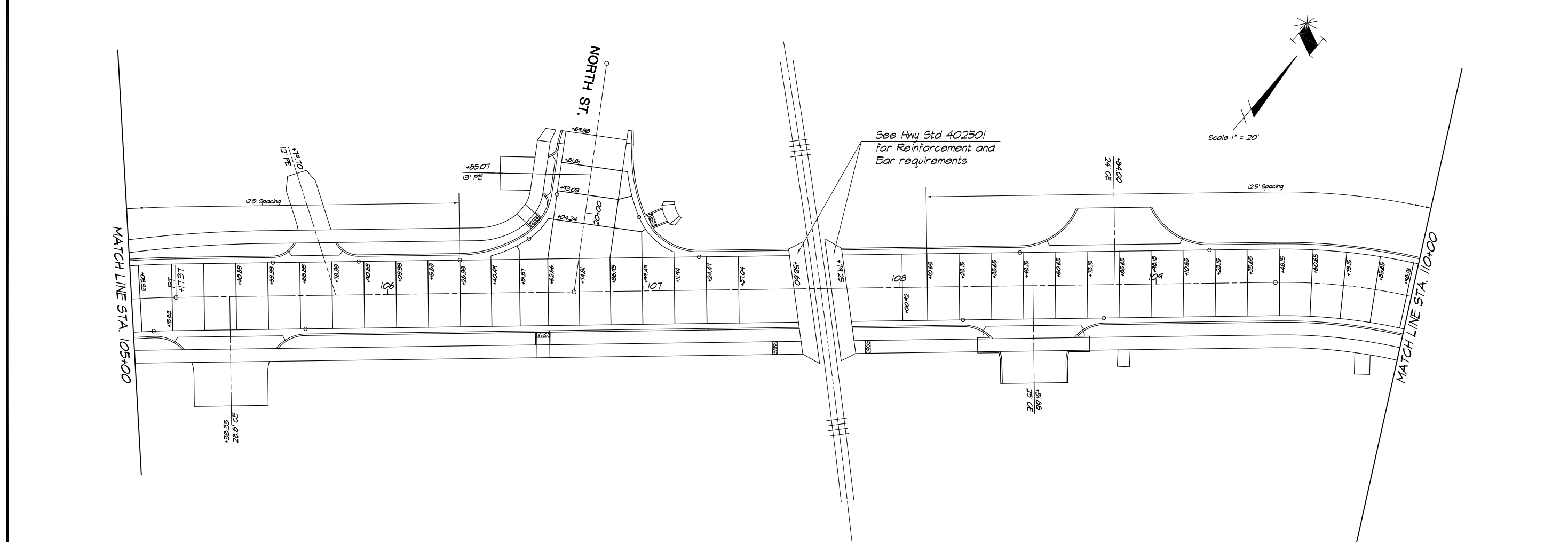
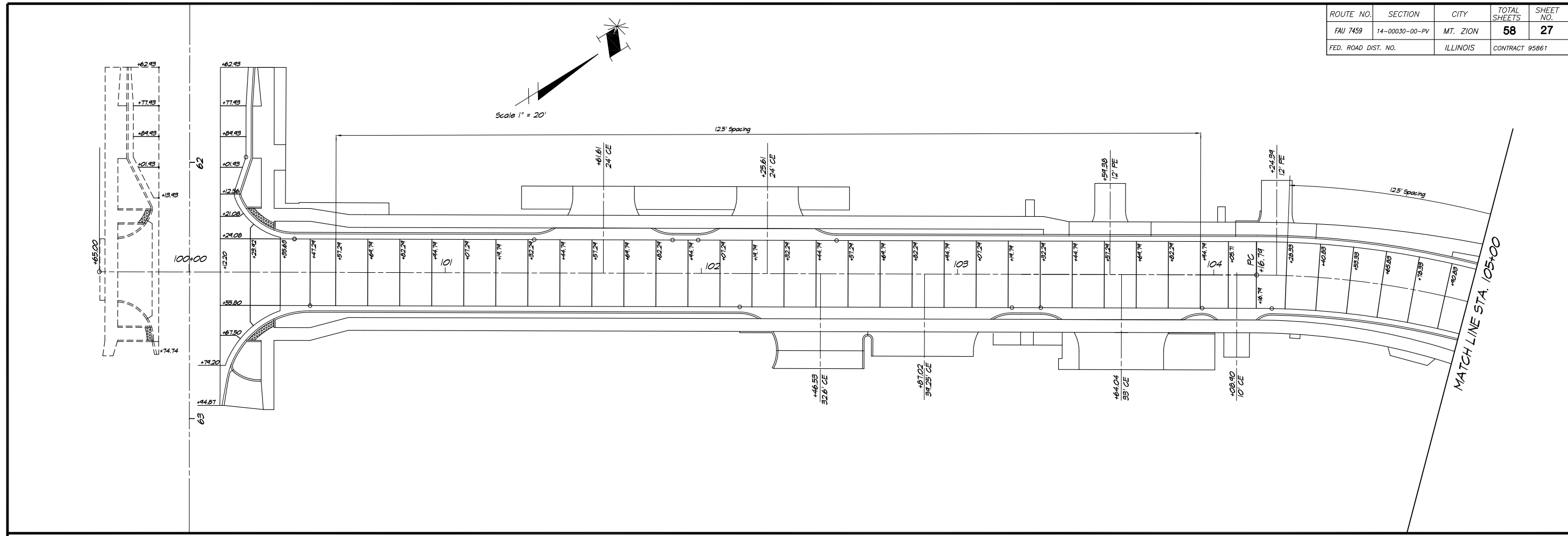
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START DATE	
DRAWN BY	Les Jenkins
CHECKED BY	MBF
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FILE LOCATION	
DECATOR	(217) 422-8544
SCHLAFER	(781) 744-0050
ROCKFORD	(815) 489-0630
CONSULTING ENGINEERS	184-001397
CHASTAIN & ASSOCIATES LLC	
CONSULTING ENGINEERS	
VILLAGE OF MT. ZION, IL	
BROADWAY STREET RECONSTRUCTION TRAFFIC CONTROL	
sheet no.	
project no.	6652

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	27
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	

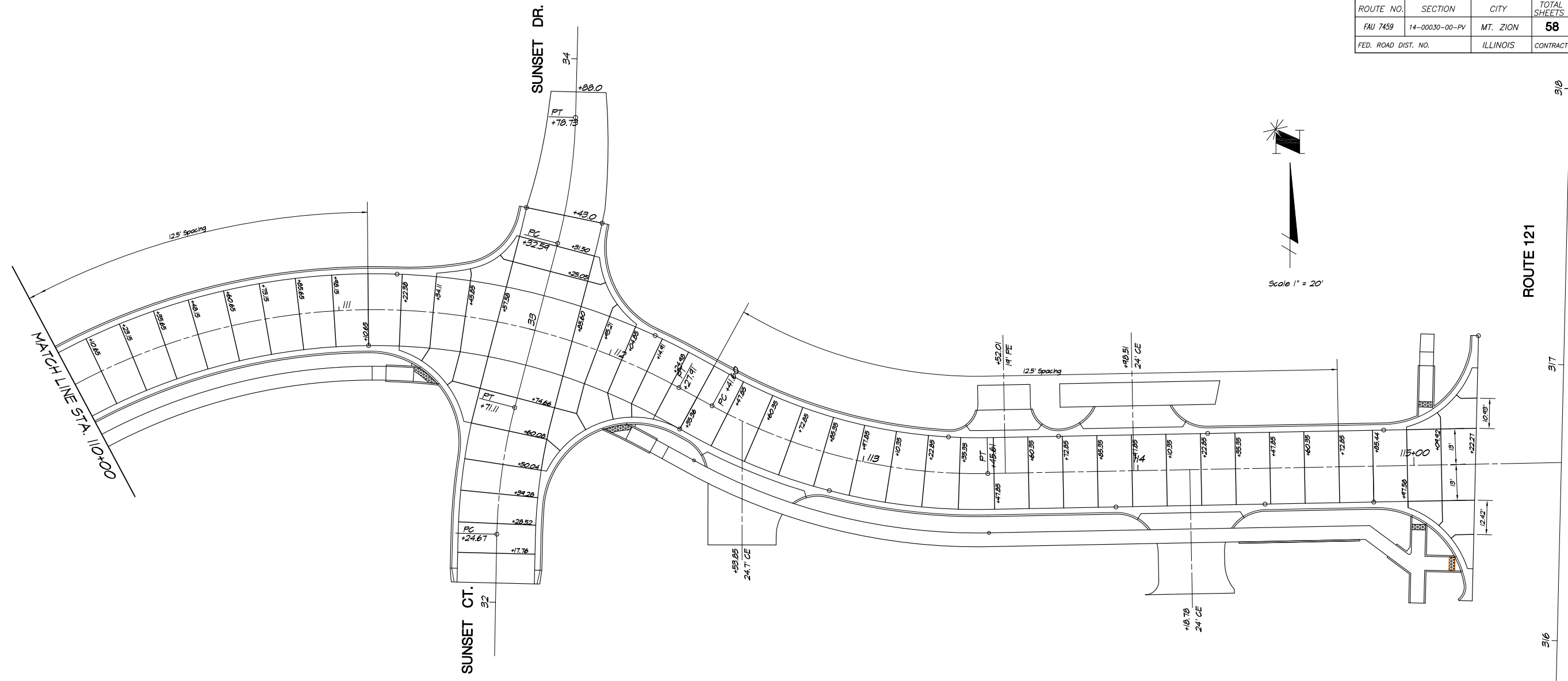
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START DATE	
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CHECKED BY	MBF
C&A REF. NO.	
BGM REF. NO.	14-051D
FILE LOCATION	

CHASTAIN & ASSOCIATES LLC
 CONSULTING ENGINEERS
 DECATUR, ILLINOIS
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 (815) 489-0630
 184-001397

VILLAGE OF MT. ZION, IL
 BROADWAY STREET
 RECONSTRUCTION
 JOINTING
 sheet no.
 project no.
 6652



ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	28
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	



VILLAGE OF MT. ZION, IL
 BROADWAY STREET
 RECONSTRUCTION
 JOINTING

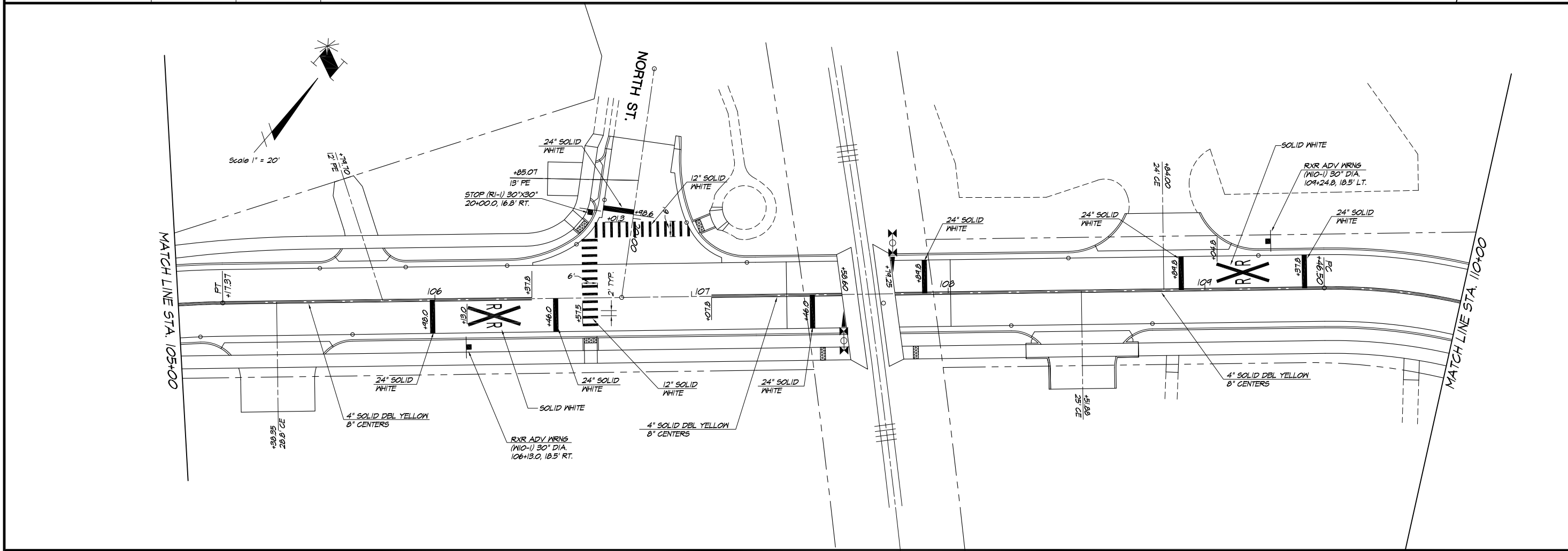
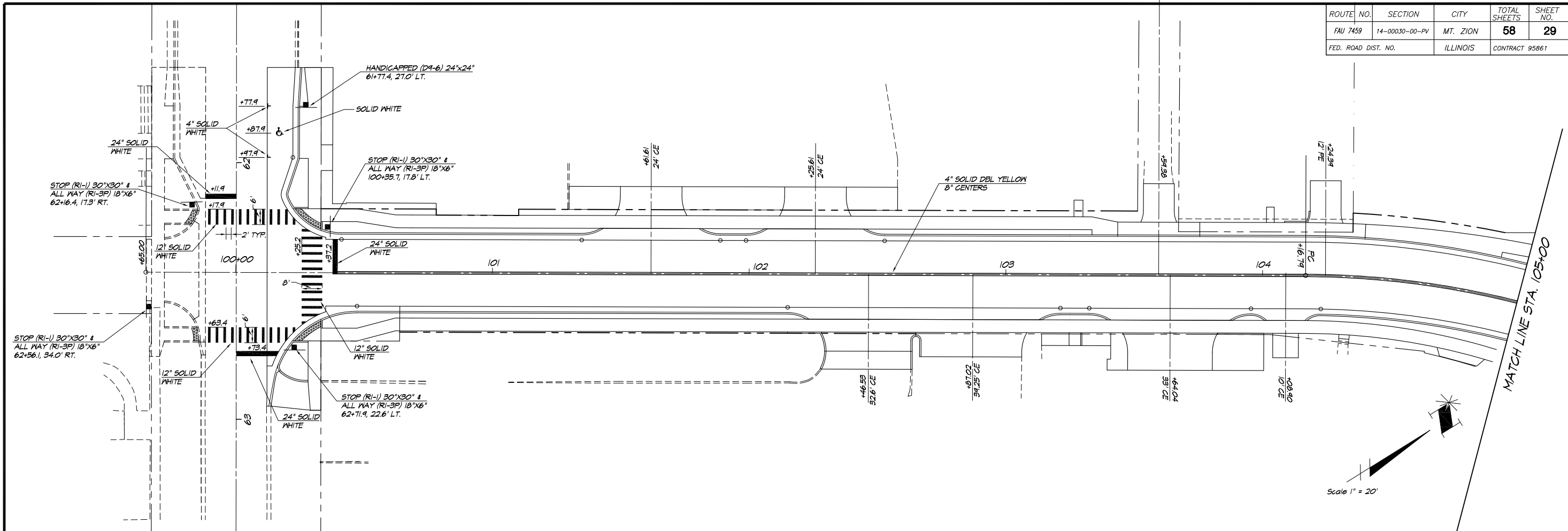
Sheet no.
 project no.
 6652

CHASTAIN & ASSOCIATES LLC
 CONSULTING ENGINEERS
 DECATUR (217) 422-8544
 SCHAMMO (781) 744-0050
 ROCKFORD (815) 489-0630
 184-001397

PROJECT NO.	6652
FIELD BOOK NO.	
START DATE	
DRAWN BY	Les Jenkins
CHECKED BY	MBF
C&A REF. NO.	
BGM REF. NO.	14-051D
FILE LOCATION	

BY	DATE	REVISION/ISSUED

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	29
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	



PROJECT NO.	6652
FIELD BOOK NO.	
START DATE	
DRAWN BY	LES JERIKINS
CHECKED BY	MBF
C&A REF. NO.	
BGM REF. NO.	14-051D
FILE LOCATION	

(217) 422-8544
 (731) 744-0050
 (815) 489-0630
 184-001397

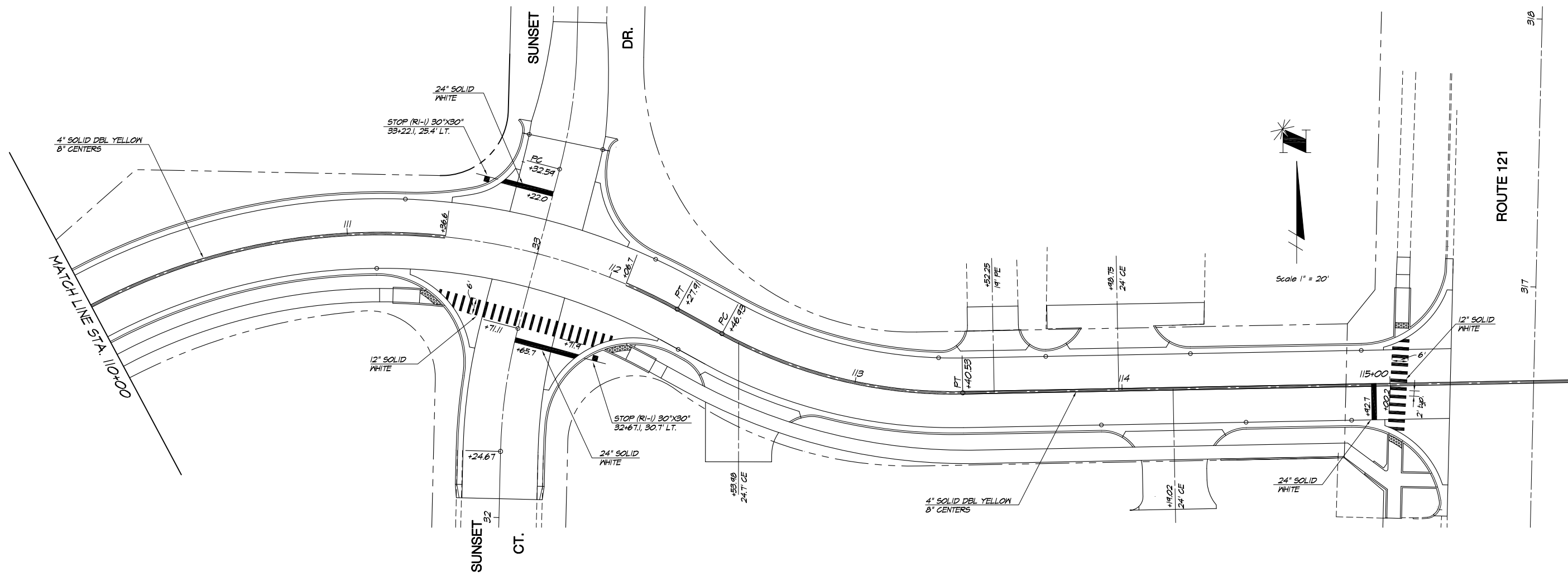
CHASTAIN & ASSOCIATES LLC
 CONSULTING ENGINEERS

DECATUR
 SCHAMPAIGN
 ROCKFORD

VILLAGE OF MT. ZION, IL
 BROADWAY STREET
 RECONSTRUCTION
 STRIPING PLAN
 STA. 100+00 TO 110+00

sheet no.
 project no.
 6652

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	30
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	

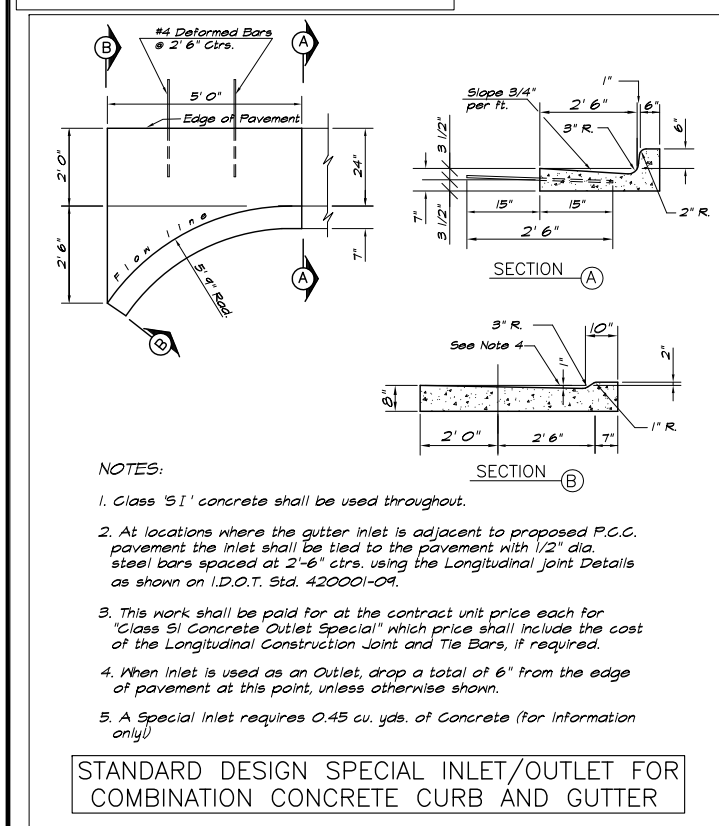
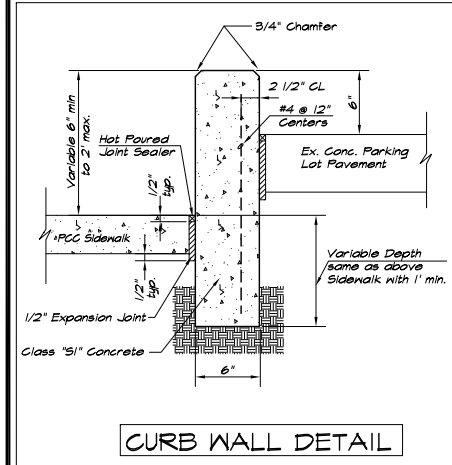
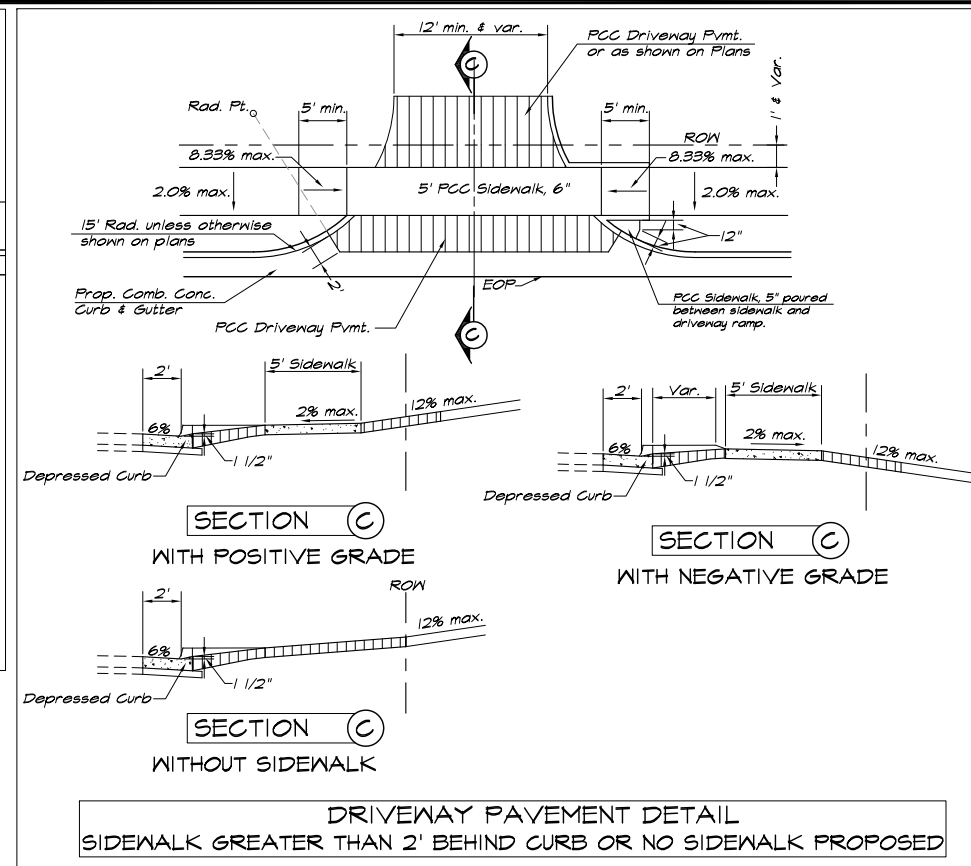
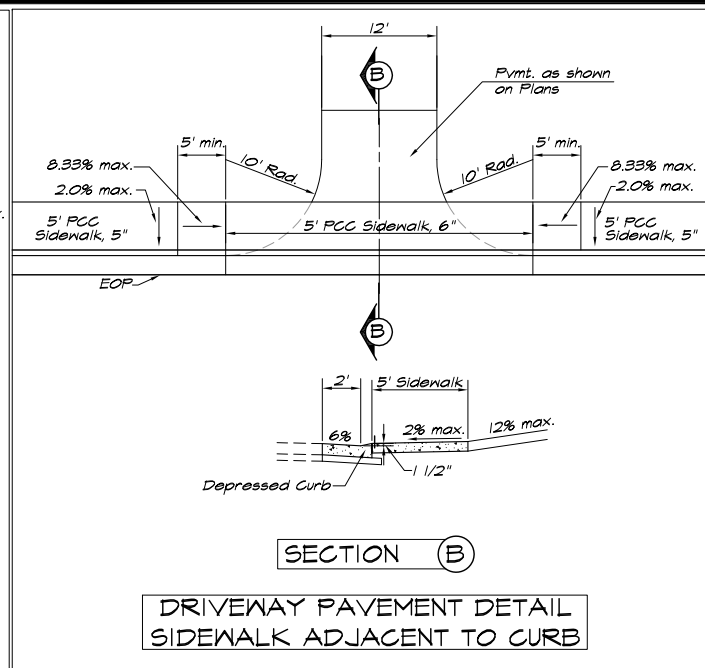
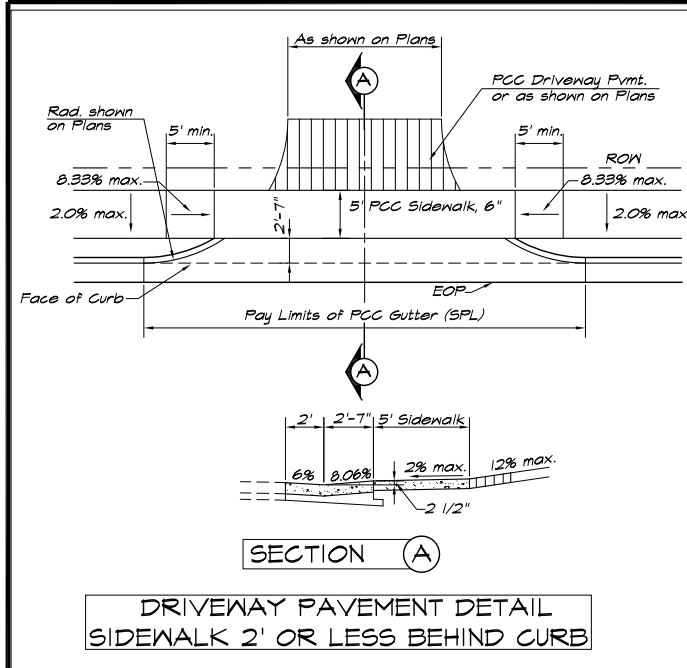


VILLAGE OF MT. ZION, IL		PROJECT NO. 6652	
BROADWAY STREET RECONSTRUCTION STRIPING PLAN		FIELD BOOK NO. 6652	
STA. 110+00 TO 115+22.5		START DATE	
sheet no.		DRAWN BY Les Jenkins	
project no. 6652		CHECKED BY MBF	
		C&A REF. NO. 14-051D	
		FILE LOCATION	
CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS DECATUR, IL 184-000-1397		(217) 422-8544 (731) 744-0650 (815) 489-0650	

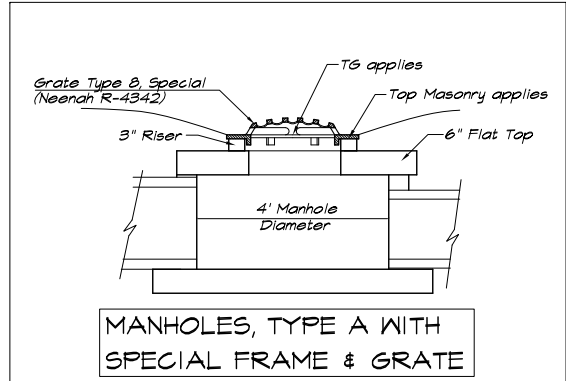
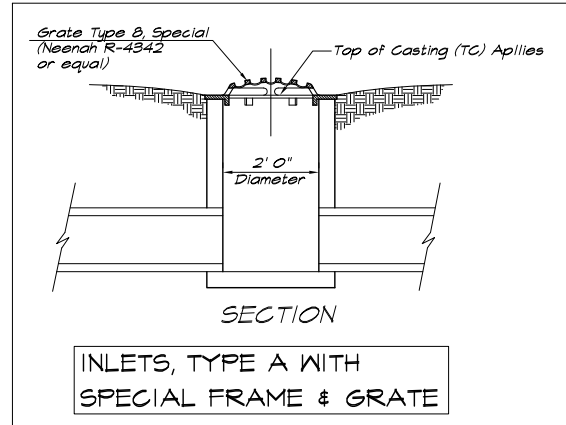
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FAU 7459	14-00030-00-PV	MT. ZION	58	31
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT 95861	

DRIVEWAY NOTES:

1. DRIVEWAYS THAT WILL MEET EXISTING OR PROPOSED CURB NEAR THE R.O.W. LINE SHALL HAVE THE CURB CONSTRUCTED FULL HEIGHT TO THE R.O.W. LINE.
2. DEPRESSED CURB SHALL BE BUILT ONLY AT PRIVATE DRIVES WITH NO SIDEWALK RAMPS.
3. THE ENTRANCE GRADES WILL BE AS SHOWN ON THE STATION CROSS SECTIONS AND AS DIRECTED BY THE ENGINEER.
4. THE P.C. CONCRETE SIDEWALK SHALL BE CONSTRUCTED AS SHOWN ABOVE AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ.FT. FOR P.C. CONCRETE SIDEWALK OF THE THICKNESS SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE EXTRA THICKNESS AS SHOWN ABOVE OR THE SEQUENCE OF CONSTRUCTION AS SPECIFIED.

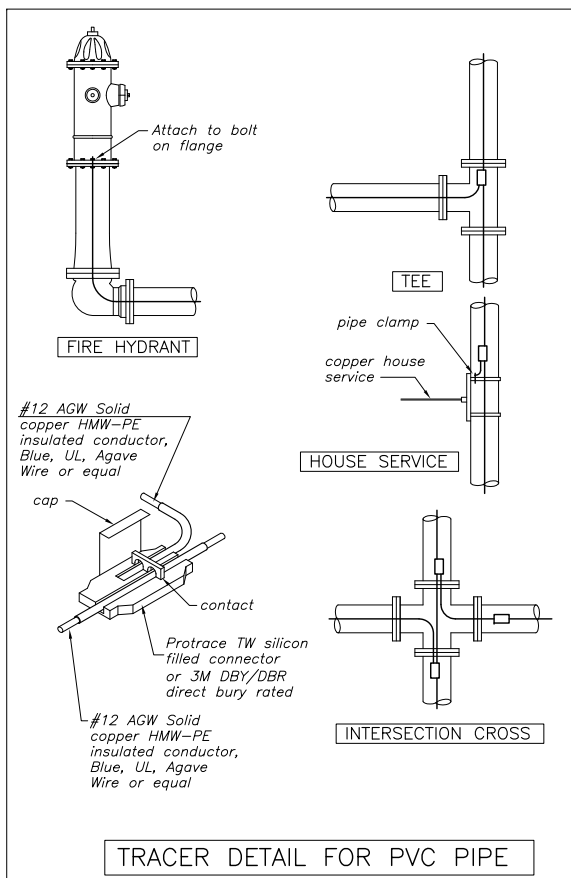
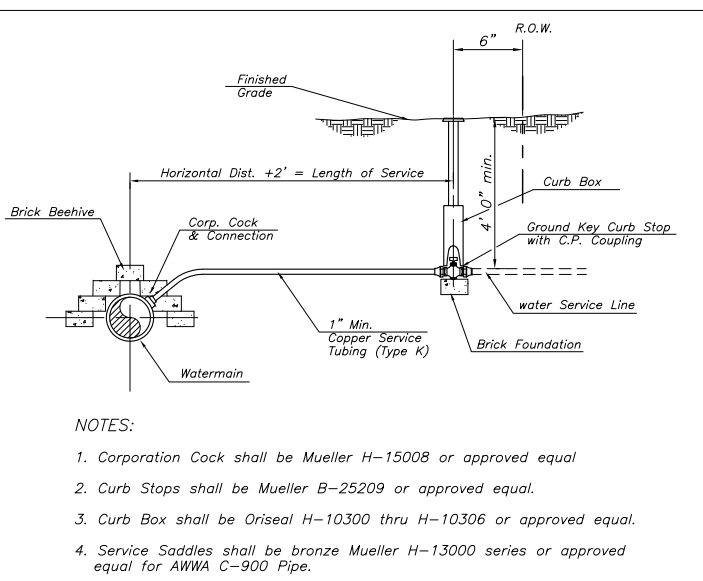
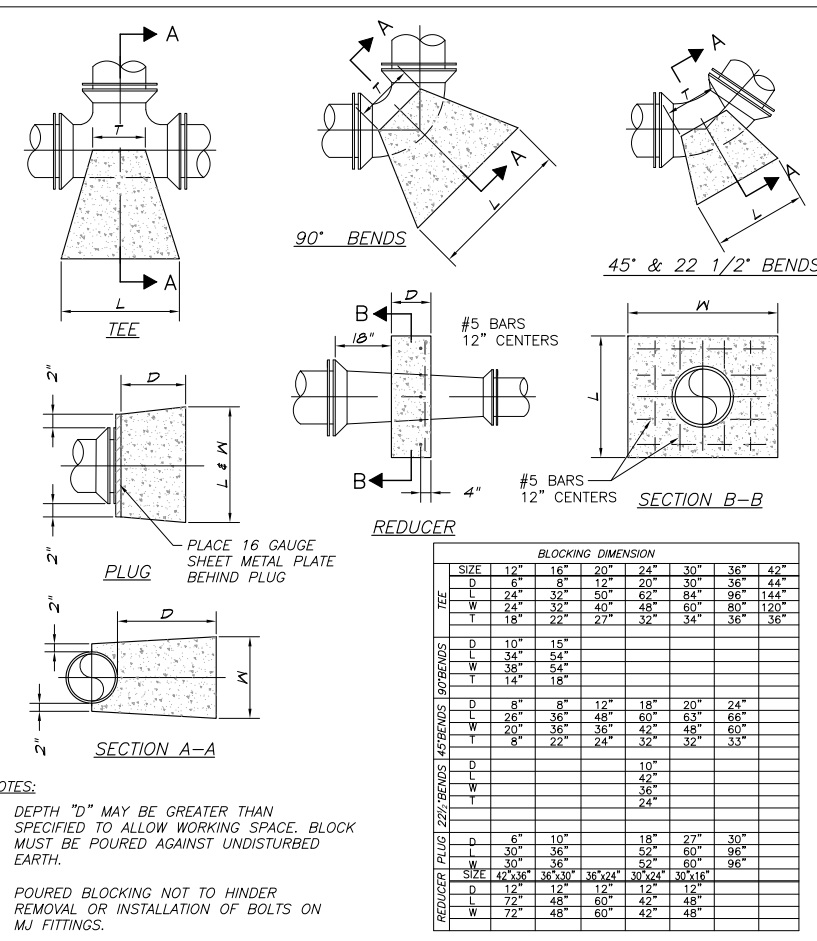
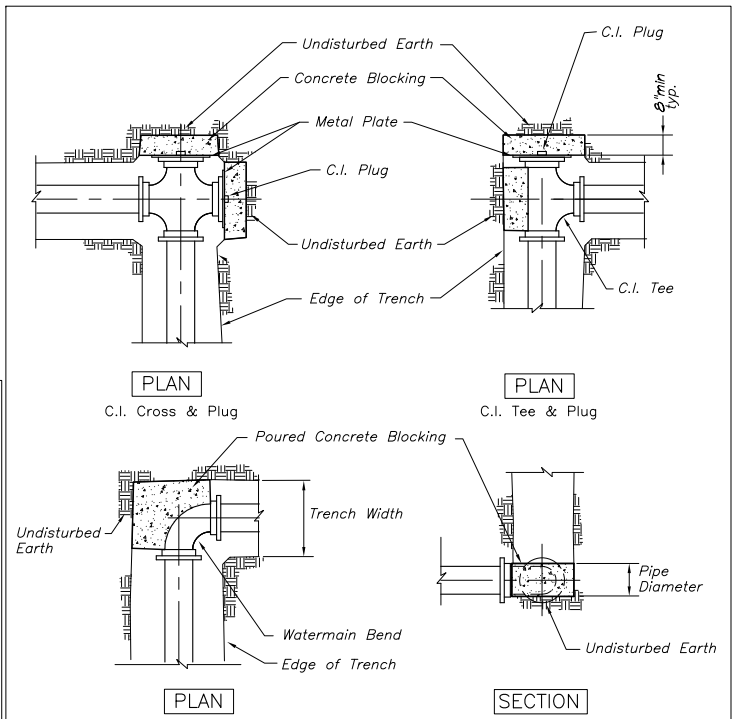
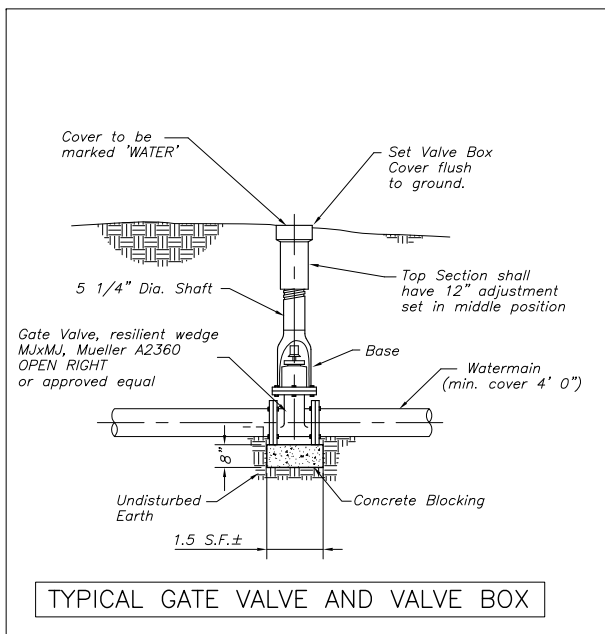
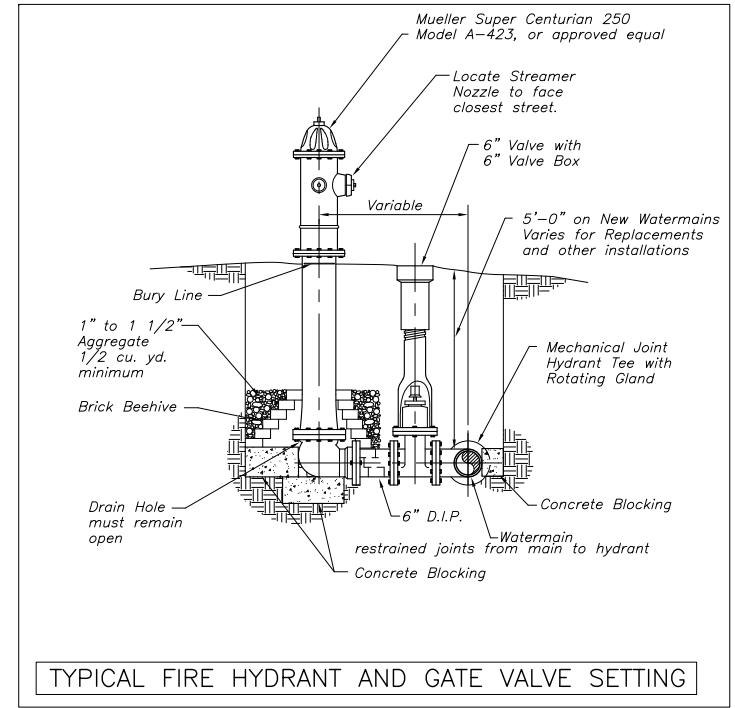
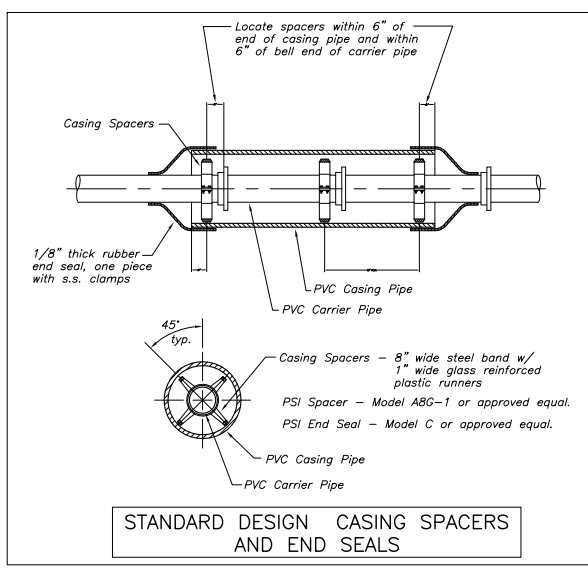
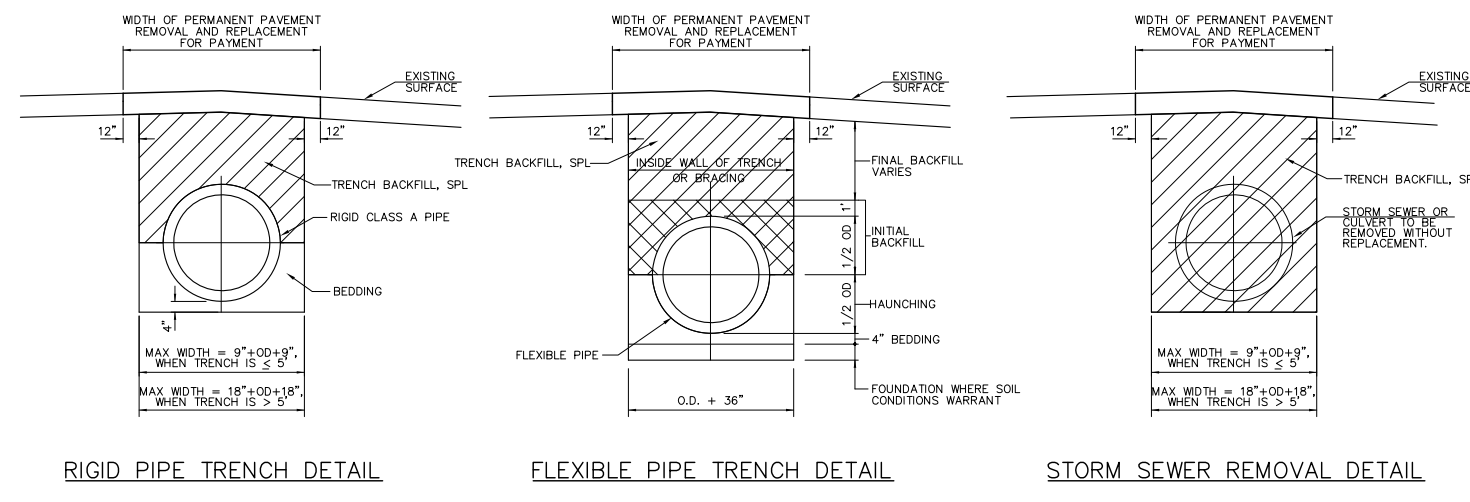


- NOTES:**
1. Class 'SI' concrete shall be used throughout.
 2. At locations where the gutter inlet is adjacent to proposed P.C.C. pavement the inlet shall be tied to the pavement with 1/2" dia. steel bars spaced at 2'-6" ctrs. using the Longitudinal Joint Details as shown on I.D.O.T. Std. 420001-04.
 3. This work shall be paid for at the contract unit price each for "Class SI Concrete Outlet Special" which price shall include the cost of the Longitudinal Construction Joint and Tie Bars, if required.
 4. When inlet is used as an Outlet, drop a total of 6" from the edge of pavement at this point, unless otherwise shown.
 5. A Special Inlet requires 0.45 cu. yds. of Concrete (for information only)



PROJECT NO.	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	C&A REF. NO.	BGM REF. NO.	FILE LOCATION
<p>CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS</p> <p>(317) 462-8544 (773) 744-0000 (815) 489-0050 184-001397</p>							
VILLAGE OF MT. ZION, IL	BROADWAY STREET RECONSTRUCTION DETAILS						
sheet no.							
project no.	6652						

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	32
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	



		BLOCKING DIMENSION						
TEE		12"	16"	20"	24"	30"	36"	42"
D	6"	8"	12"	20"	30"	36"	44"	
L	24"	32"	50"	62"	84"	96"	114"	
W	24"	32"	40"	48"	60"	80"	120"	
T	18"	22"	27"	32"	34"	36"	36"	
BOTH BENDS								
D	10"	15"						
L	34"	54"						
W	38"	54"						
T	14"	18"						
45° BENDS								
D	8"	8"	12"	18"	20"	24"		
L	26"	36"	48"	60"	63"	66"		
W	20"	36"	36"	42"	48"	60"		
T	8"	22"	24"	32"	32"	33"		
22 1/2° BENDS								
D				10"				
L				42"				
W				36"				
T				24"				
REDUCER								
D	6"	10"	18"	27"	30"			
L	30"	36"	52"	60"	96"			
W	30"	36"	52"	60"	96"			
T	12"	12"	12"	12"	12"			
PLUG								
D	12"	12"	12"	12"	12"			
L	72"	48"	60"	42"	48"			
W	72"	48"	60"	42"	48"			

PROJECT NO. FIELD BOOK NO. START DATE DRAWN BY CHECKED BY C&A REF. NO. BGM REF. NO. FILE LOCATION

REVISIONS

DATE

BY

CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS

DECATOR SCLANDINBURG ROCKFORD (815) 489-0050 (815) 489-0050 (815) 489-0050 (815) 489-0050

VILLAGE OF MT. ZION, IL BROADWAY STREET RECONSTRUCTION DETAILS

sheet no. project no. 6652

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7459	14-00030-00-PV	MT. ZION	58	33
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT 95861	

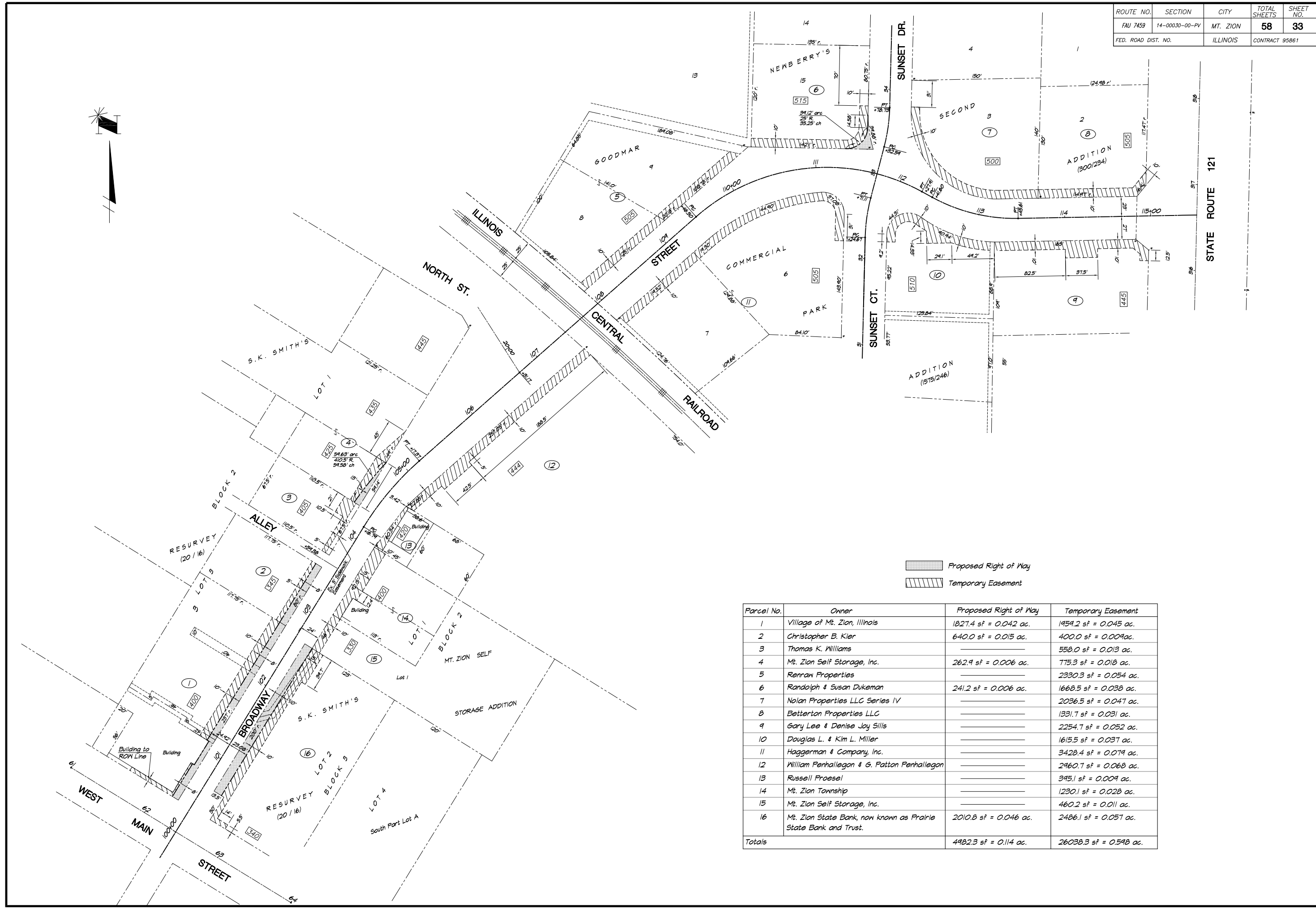
PROJECT NO.	FIELD BOOK NO.	START DATE	BY	DATE	REVISION/ISSUED

(317) 482-8544
 (773) 744-0000
 (815) 489-0050
 (815) 489-0050
 BGM REF. NO.
 FILE LOCATION

CHASTAIN & ASSOCIATES LLC
 CONSULTING ENGINEERS
 DECATUR
 SCLAMBURG
 ROCKFORD
 184-001397

VILLAGE OF MT. ZION, IL
 BROADWAY STREET
 RECONSTRUCTION
 STRIP MAP

sheet no.
X
 project no.
 6652



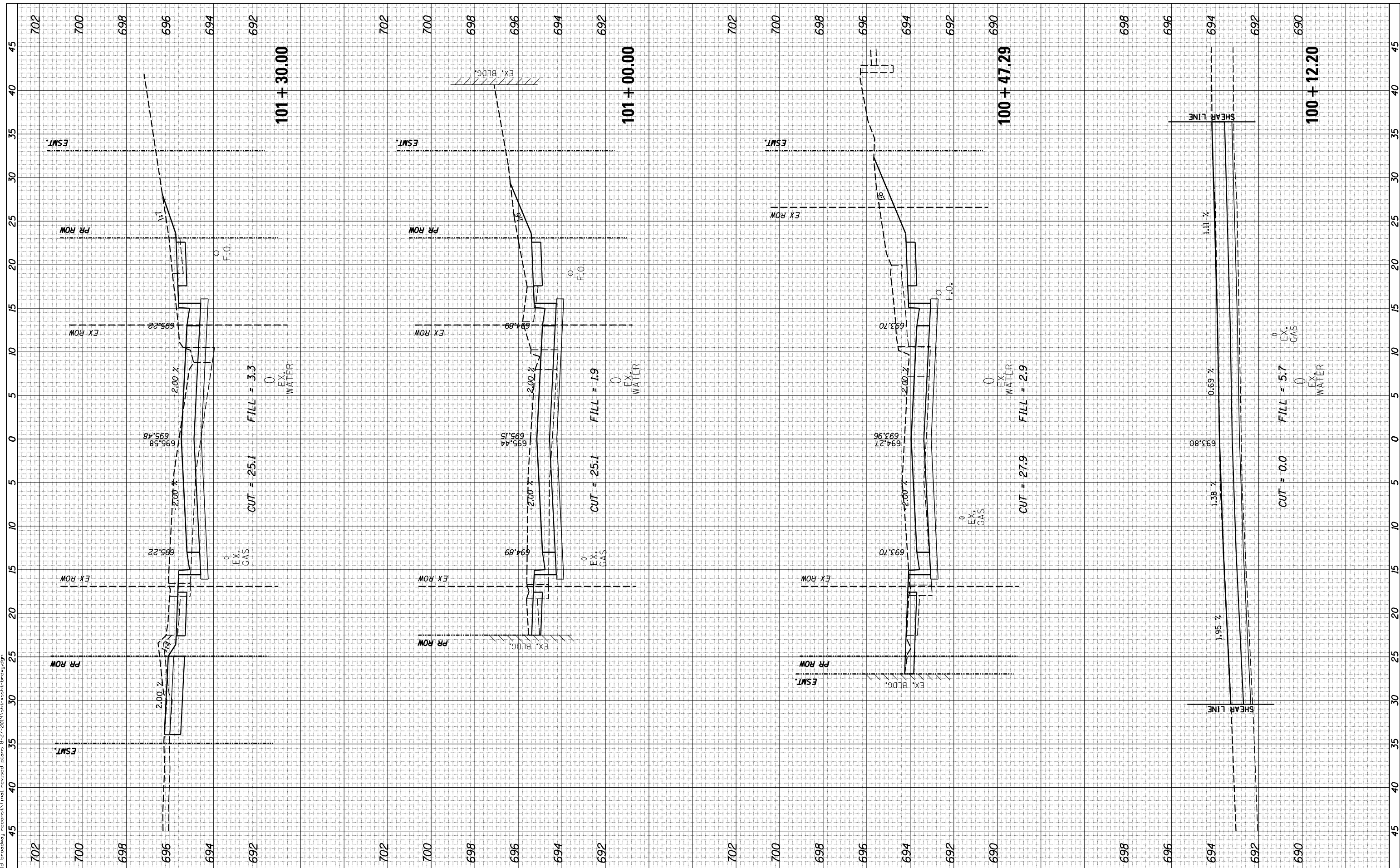
Proposed Right of Way
 Temporary Easement

Parcel No.	Owner	Proposed Right of Way	Temporary Easement
1	Village of Mt. Zion, Illinois	1827.4 sf = 0.042 ac.	1959.2 sf = 0.045 ac.
2	Christopher B. Kier	640.0 sf = 0.015 ac.	400.0 sf = 0.009 ac.
3	Thomas K. Williams		558.0 sf = 0.013 ac.
4	Mt. Zion Self Storage, Inc.	262.9 sf = 0.006 ac.	775.3 sf = 0.018 ac.
5	Renran Properties		2330.3 sf = 0.054 ac.
6	Randolph & Susan Dukeman	241.2 sf = 0.006 ac.	1668.5 sf = 0.038 ac.
7	Nolan Properties LLC Series IV		2036.5 sf = 0.047 ac.
8	Betterton Properties LLC		1331.7 sf = 0.031 ac.
9	Gary Lee & Denise Joy Sills		2254.7 sf = 0.052 ac.
10	Douglas L. & Kim L. Miller		1615.5 sf = 0.037 ac.
11	Haggerman & Company, Inc.		3428.4 sf = 0.079 ac.
12	William Penhallegon & G. Patton Penhallegon		2960.7 sf = 0.068 ac.
13	Russell Proesel		395.1 sf = 0.009 ac.
14	Mt. Zion Township		1230.1 sf = 0.028 ac.
15	Mt. Zion Self Storage, Inc.		460.2 sf = 0.011 ac.
16	Mt. Zion State Bank, now known as Prairie State Bank and Trust.	2010.8 sf = 0.046 ac.	2486.1 sf = 0.057 ac.
Totals		4982.3 sf = 0.114 ac.	26038.3 sf = 0.598 ac.

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

p:\mz\14-0030\14-0030 Broadway_reconst\final_revised plans 8-27-20\14-0030 Broadway.dgn



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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

DECATUR (217) 422-8544
SCHAUMBURG (773) 714-0050
ROCKFORD (815) 489-0050
184-001397

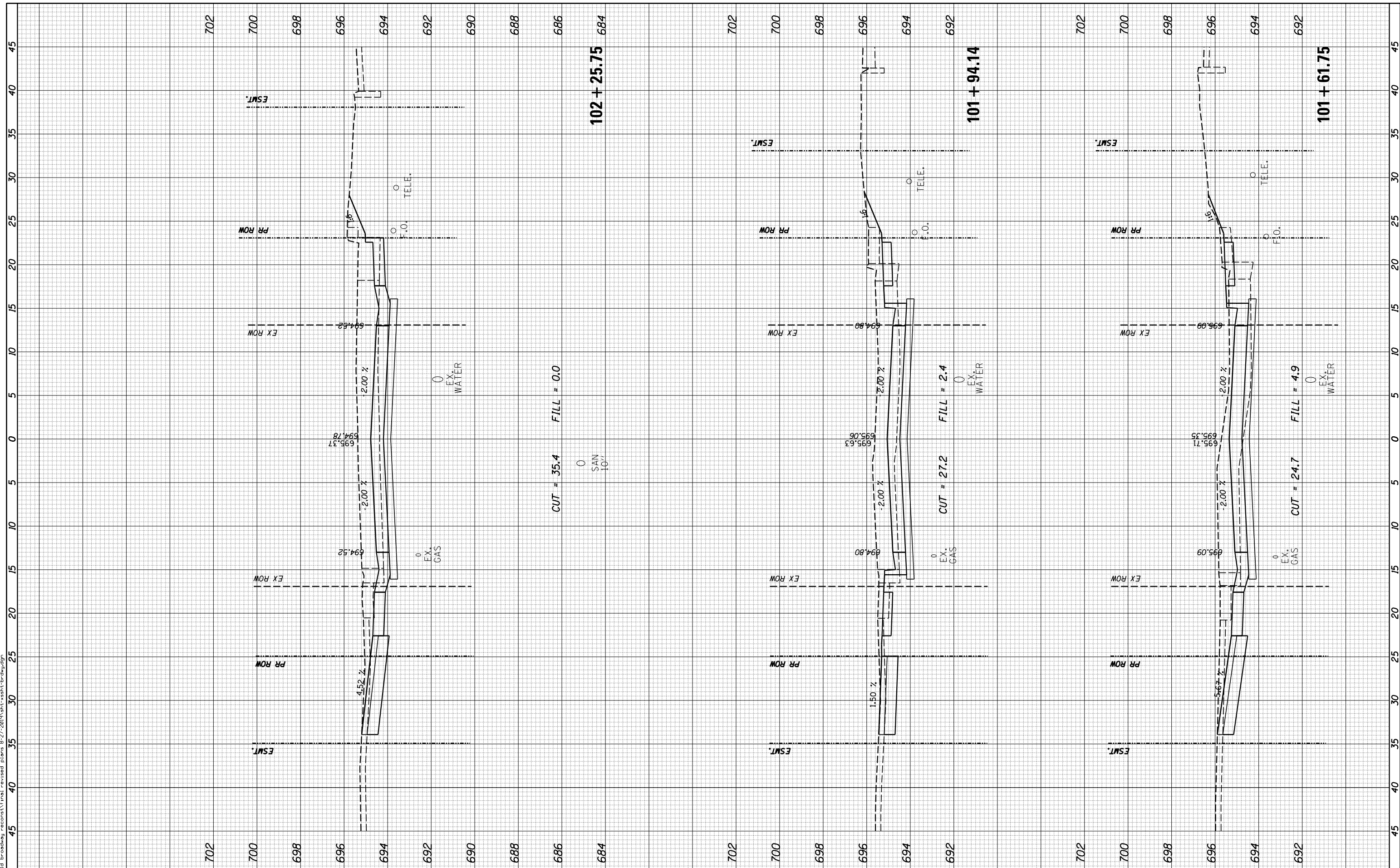
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAINLINE CROSS SECTIONS
SCALE: 5'H / 2'V SHEET 1 OF 17 SHEETS STA. 100+12.20 TO STA. 101+30.00

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 34
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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USER NAME = rkocher	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

DECATUR (217) 422-8544
SCHAUMBURG (773) 714-0050
ROCKFORD (815) 489-0050
184-001397

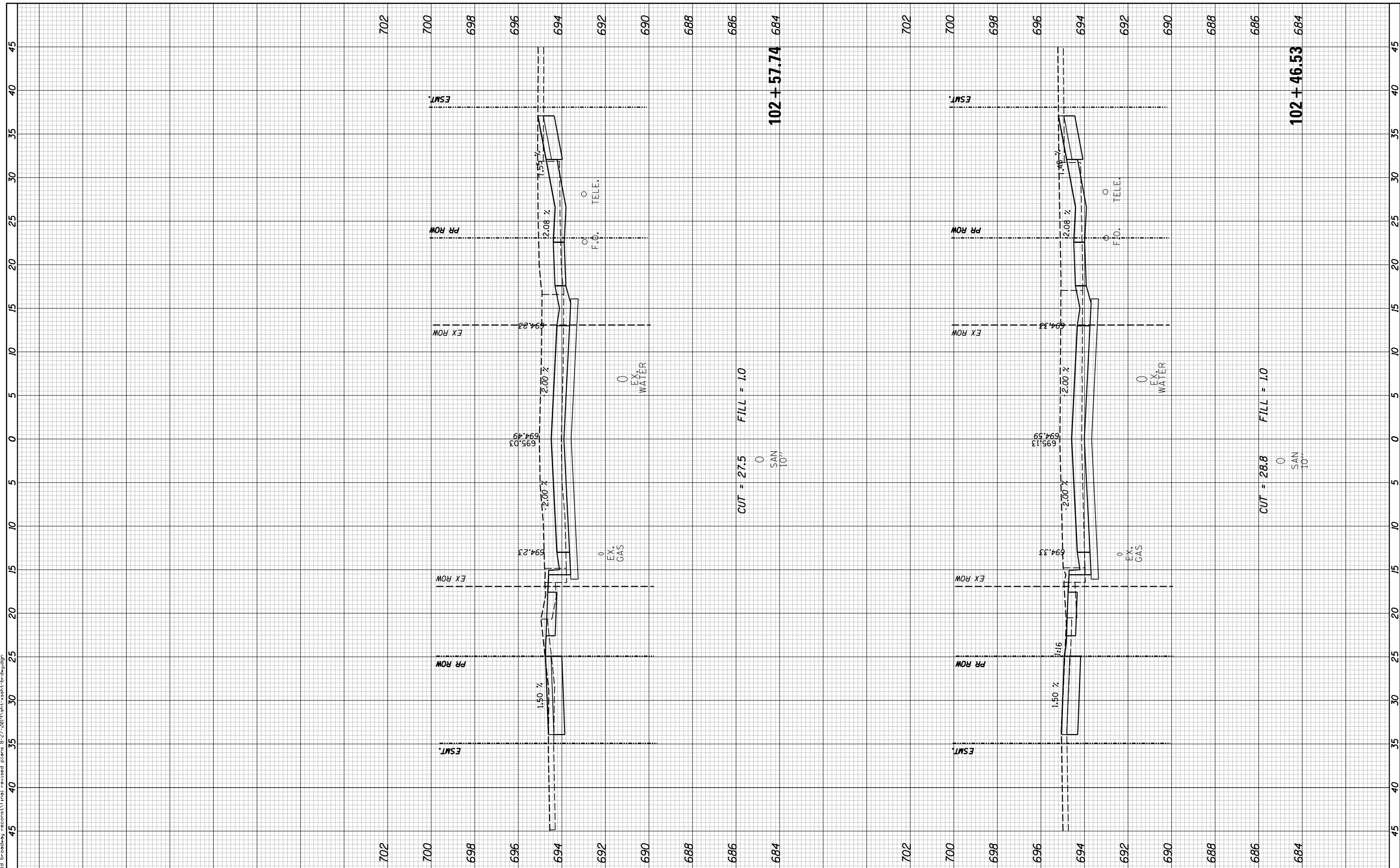
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MAINLINE CROSS SECTIONS
SCALE: 5'H / 2"V SHEET 2 OF 17 SHEETS STA. 101+61.75 TO STA. 102+25.75

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 35
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

DECATUR (217) 422-8544
SCHAUMBURG (773) 714-0050
ROCKFORD (815) 489-0050
184-001397

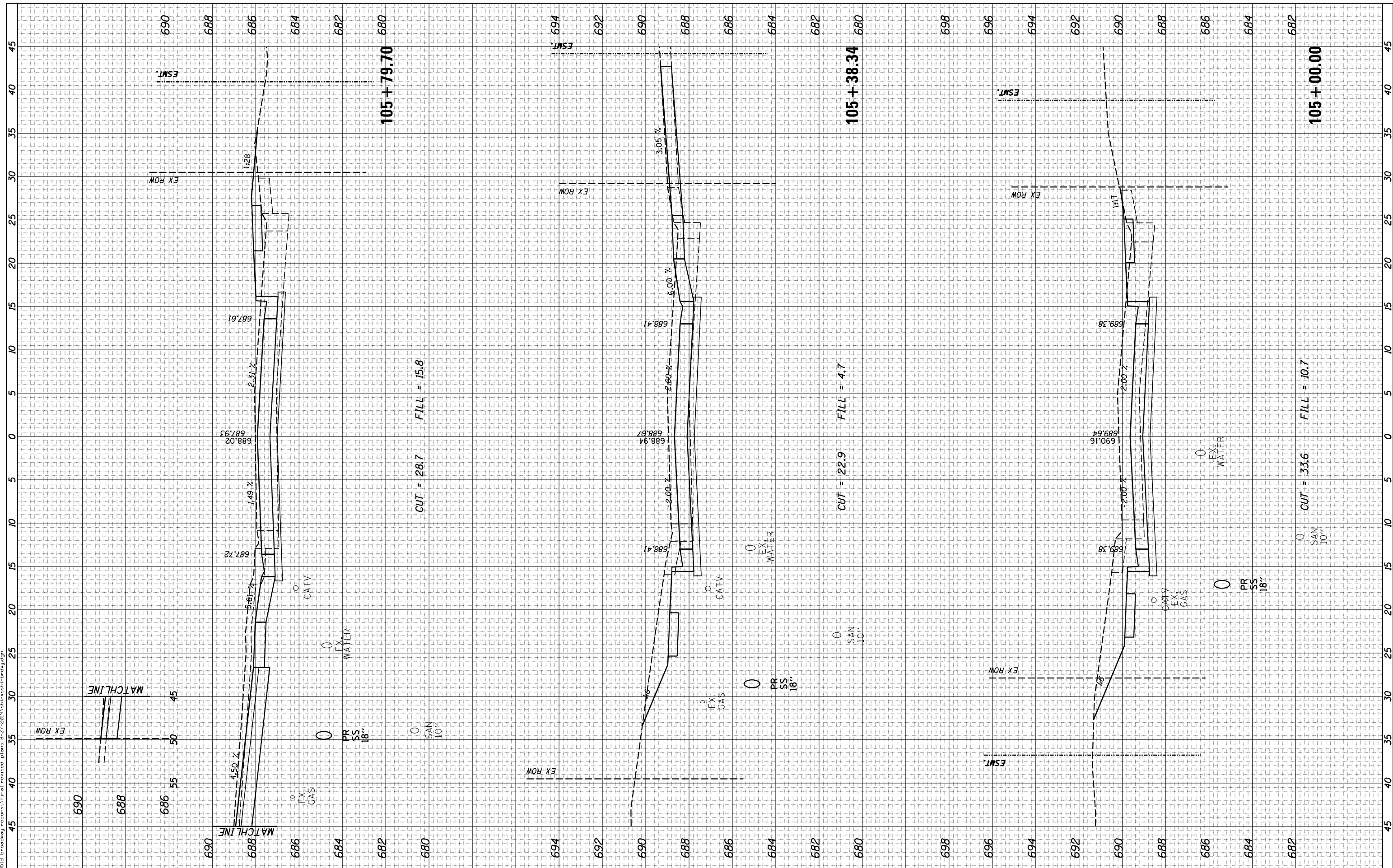
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MAINLINE CROSS SECTIONS
SCALE: 5'H / 2"V SHEET 3 OF 17 SHEETS STA. 102+46.53 TO STA. 102+57.74

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 36
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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USER NAME - rkocher	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAINLINE CROSS SECTIONS

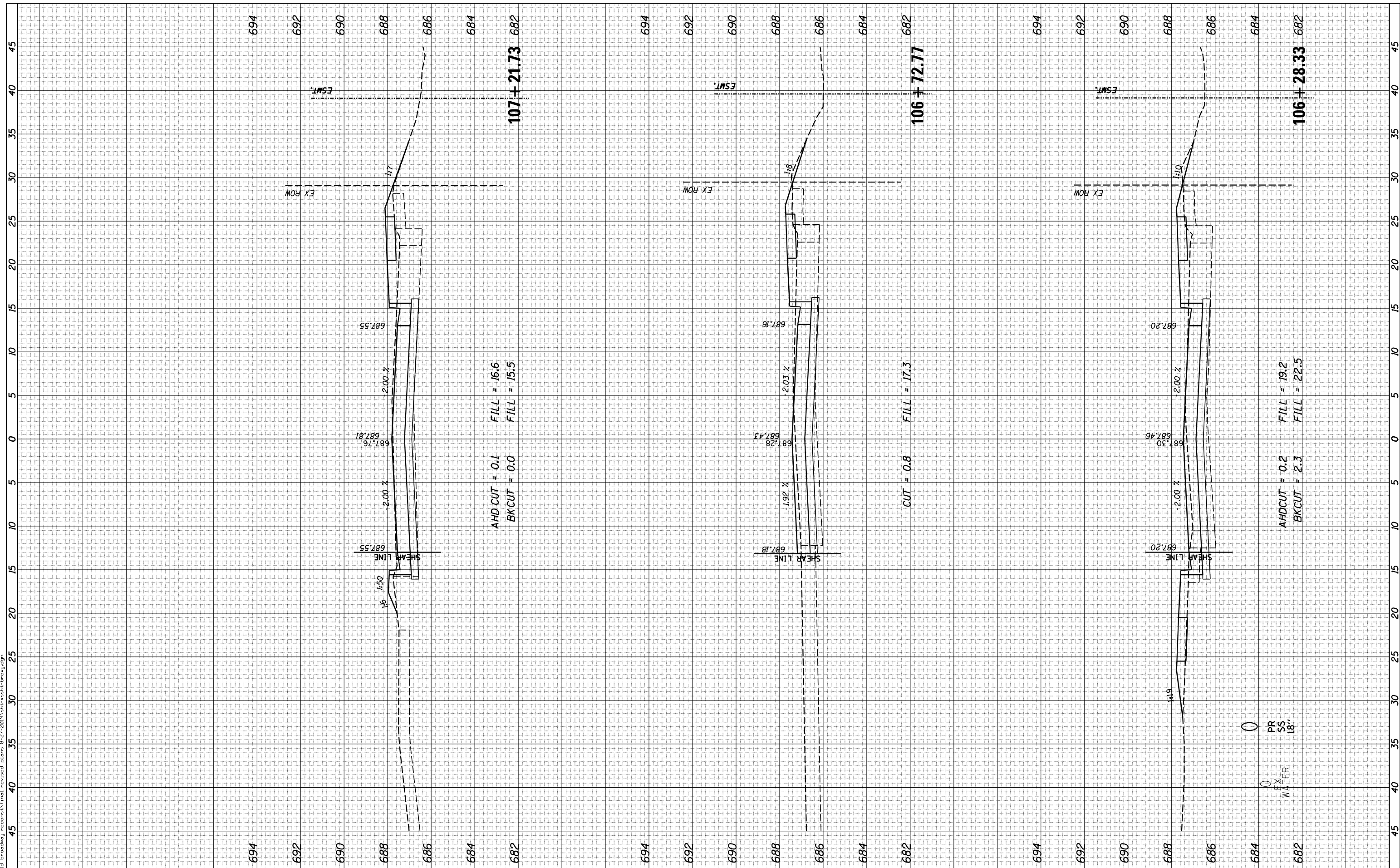
SCALE: 5'H / 2"V SHEET 8 OF 17 SHEETS STA. 105+00.00 TO STA. 105+79.70

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 41
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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AHDCUT = 0.1 FILL = 16.6
 BK CUT = 0.0 FILL = 15.5

CUT = 0.8 FILL = 17.3

AHDCUT = 0.2 FILL = 19.2
 BK CUT = 2.3 FILL = 22.5

EX WATER
 PR SS 18"

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	DATE -	REVISED -

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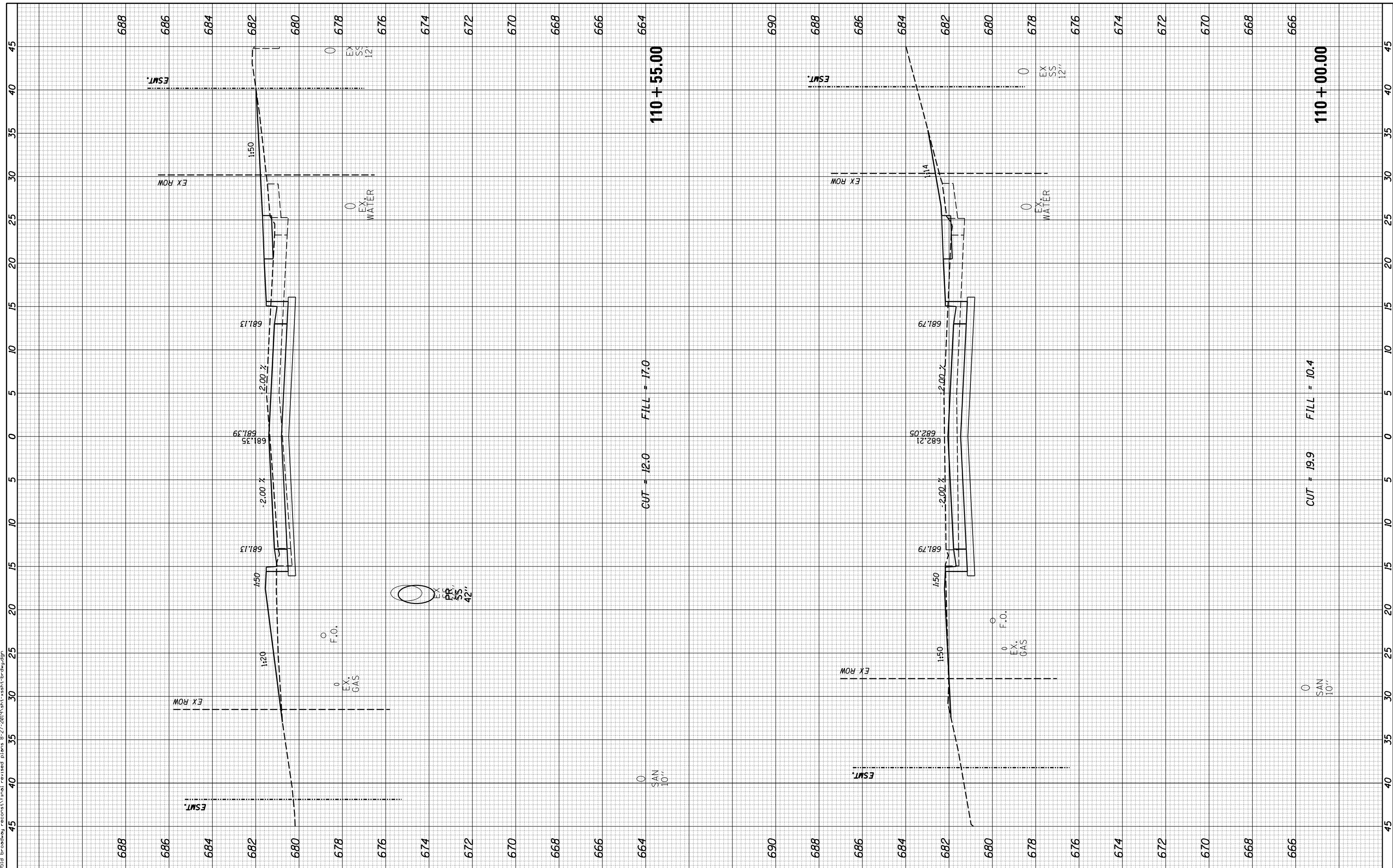
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAINLINE CROSS SECTIONS
 SCALE: 5'H / 2'V SHEET 9 OF 17 SHEETS STA. 106+28.33 TO STA. 107+21.73

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 95861	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT DATE - 9/4/2019	CHECKED -
	DATE -

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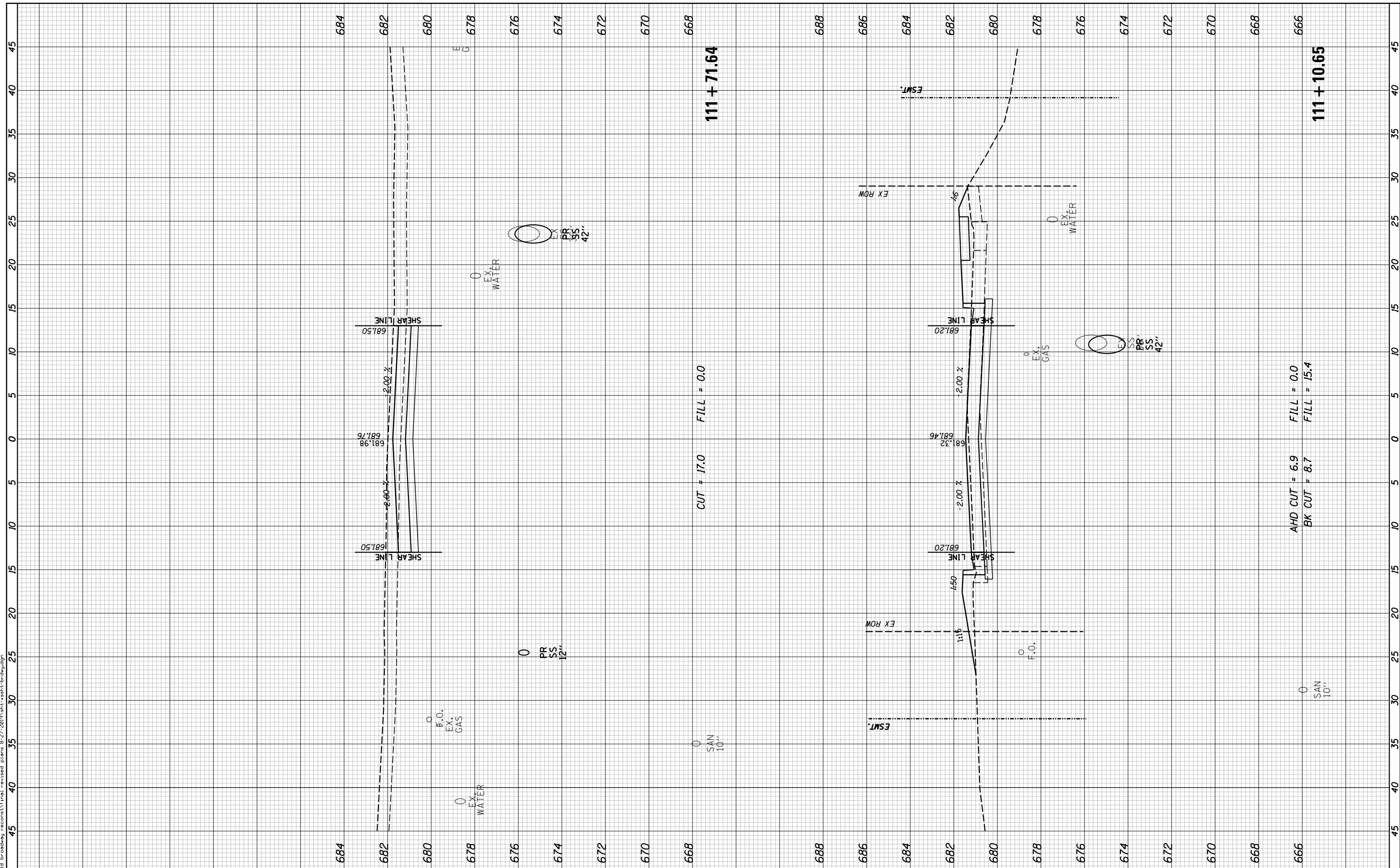
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAINLINE CROSS SECTIONS
SCALE: 5'H / 2"V SHEET 12 OF 17 SHEETS STA. 110+00.00 TO STA. 110+55.00

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 45
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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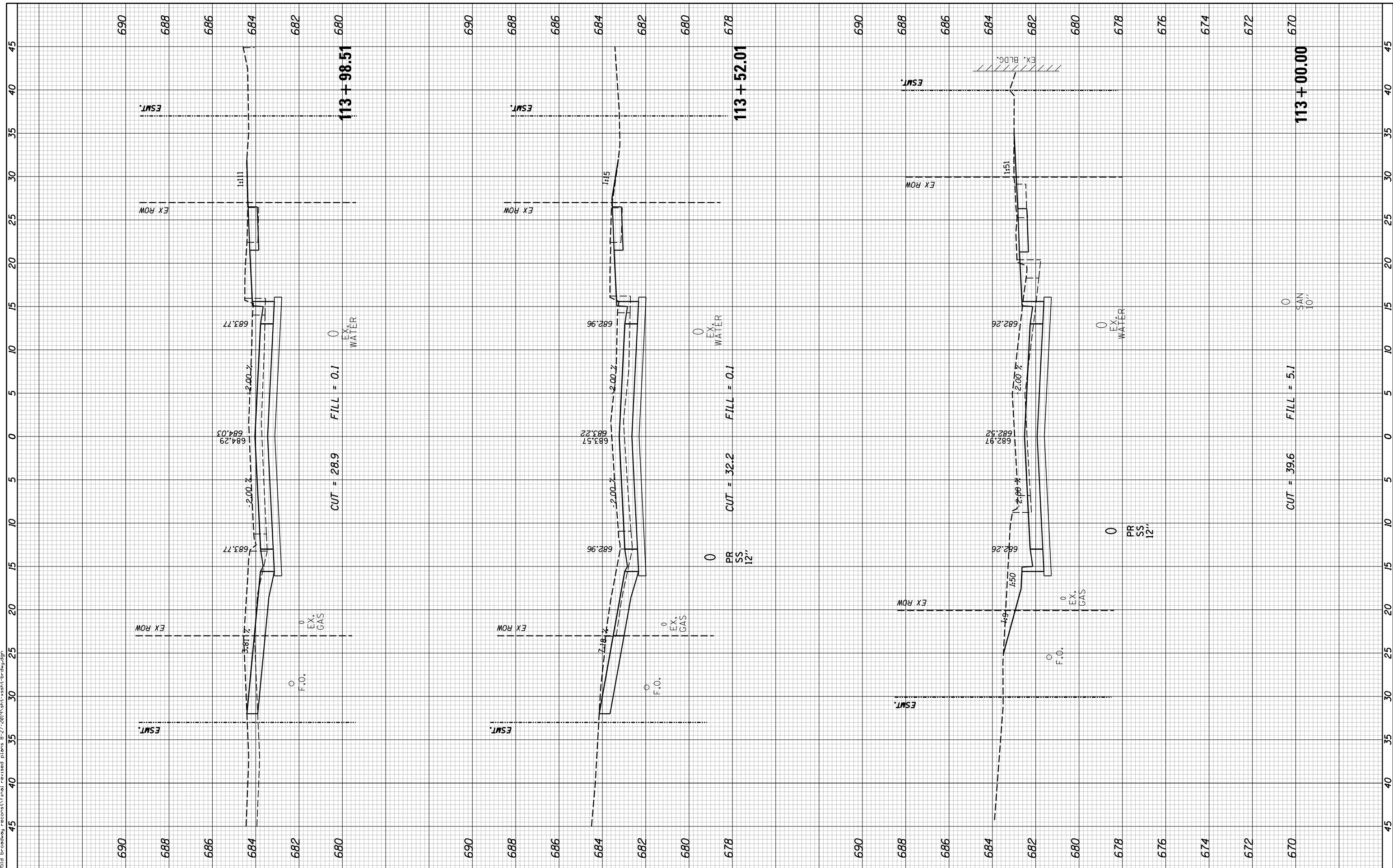
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAINLINE CROSS SECTIONS
SCALE: 5'H / 2"V SHEET 13 OF 17 SHEETS STA. 111+10.65 TO STA. 111+71.64

F.A.U. RT. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 46
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

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

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

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PLOT DATE = 9/4/2019	CHECKED -
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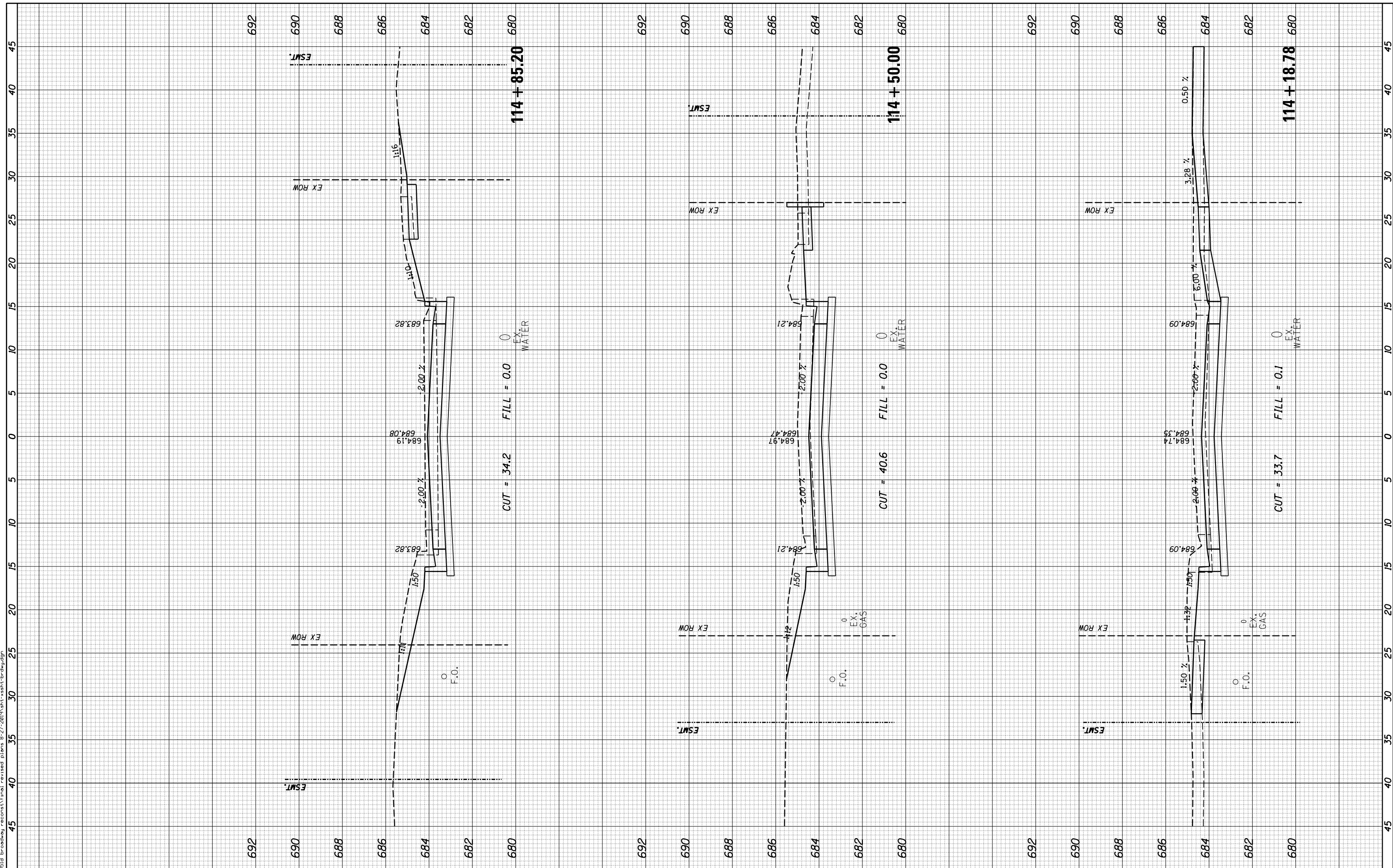
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAINLINE CROSS SECTIONS
SCALE: 5'H / 2'V SHEET 15 OF 17 SHEETS STA. 113+00.00 TO STA. 113+98.51

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 48
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAINLINE CROSS SECTIONS

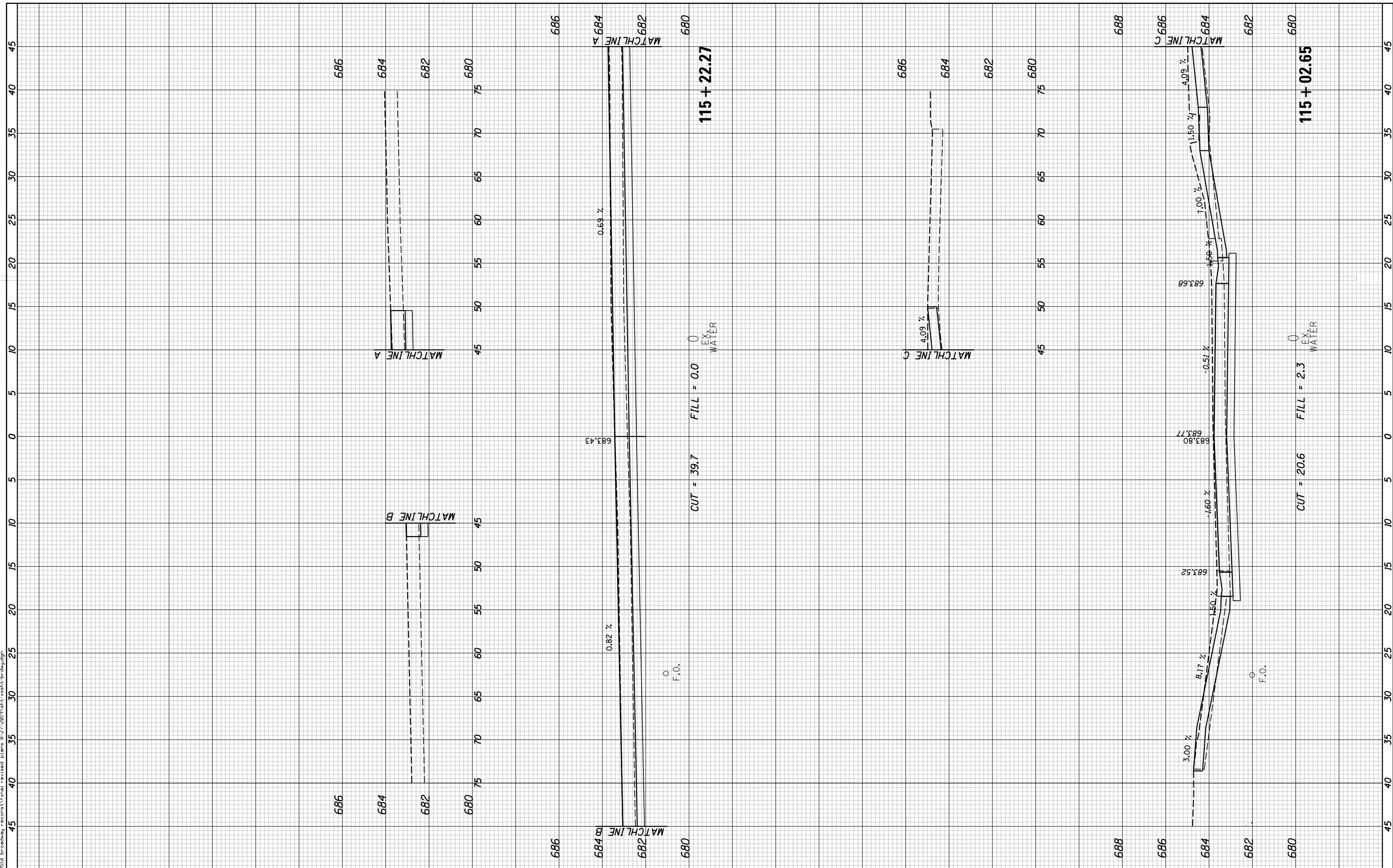
SCALE: 5'H / 2"V SHEET 16 OF 17 SHEETS STA. 114+18.78 TO STA. 114+85.20

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 49
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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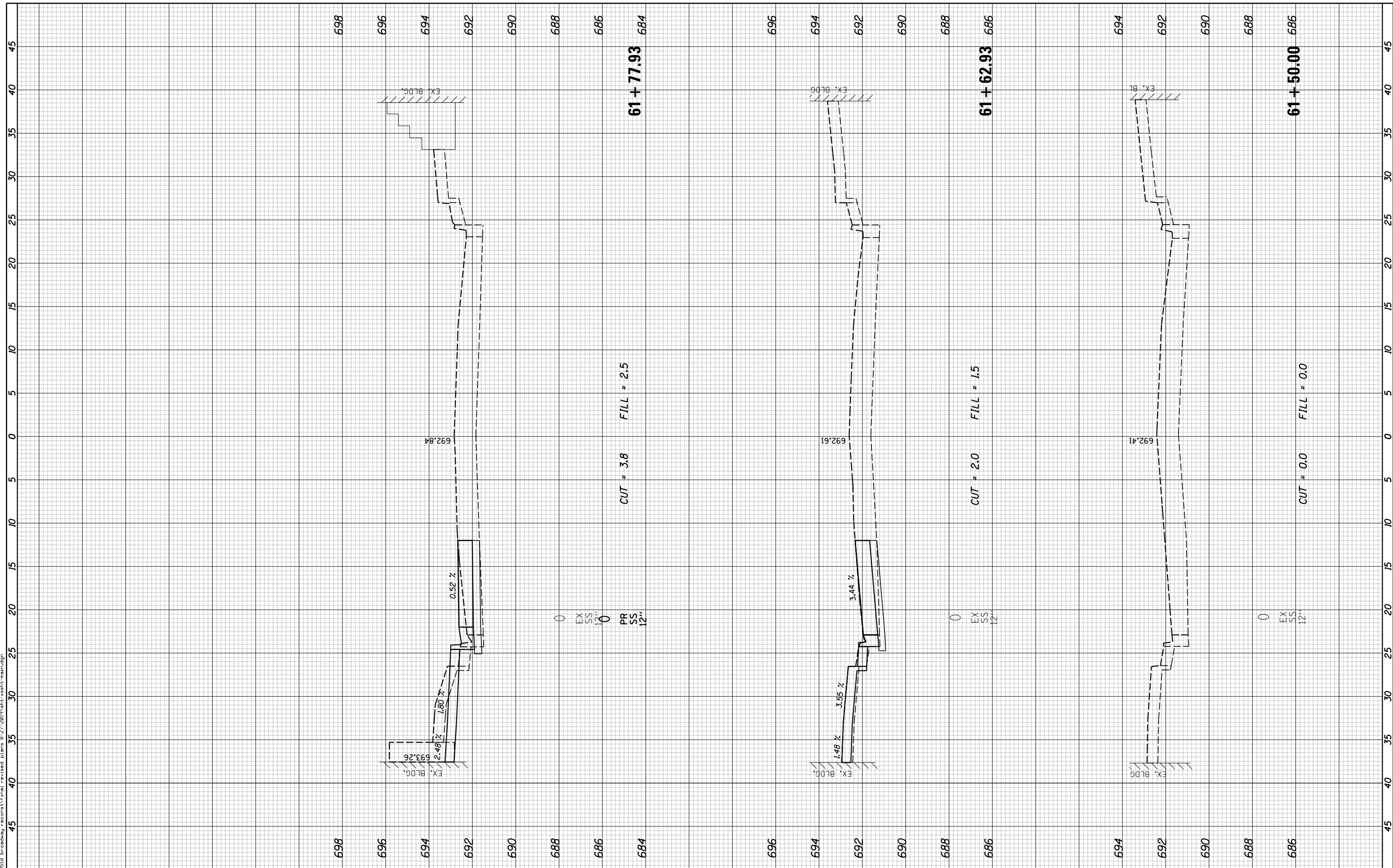
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAINLINE CROSS SECTIONS
SCALE: 5'H / 2"V SHEET 17 OF 17 SHEETS STA. 115+02.65 TO STA. 115+22.27

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 50
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

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

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

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PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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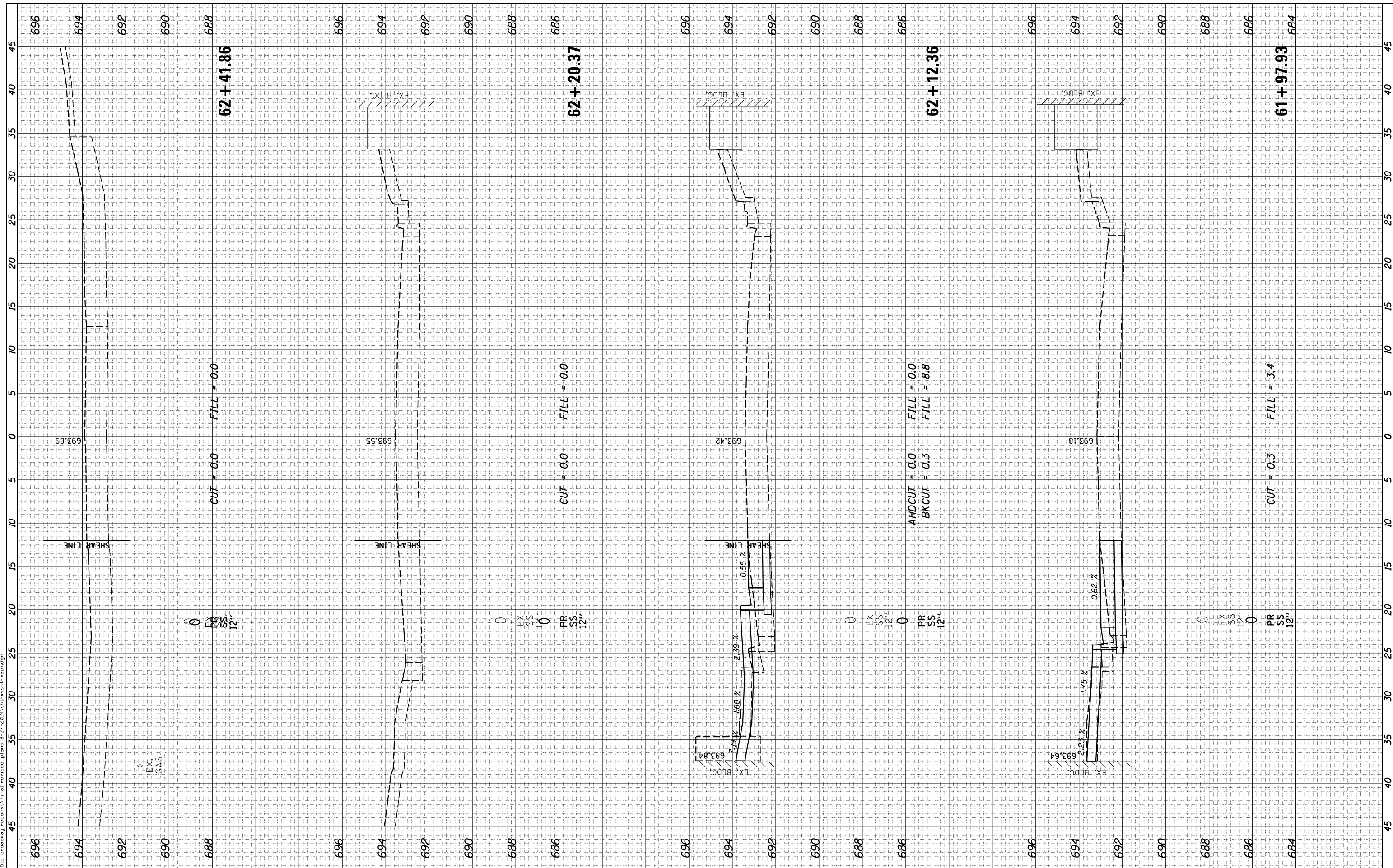
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAIN STREET CROSS SECTIONS
SCALE: 5'H / 2"V SHEET 1 OF 3 SHEETS STA. 61+50.00 TO STA. 61+77.93

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 51
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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USER NAME = rkocher	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

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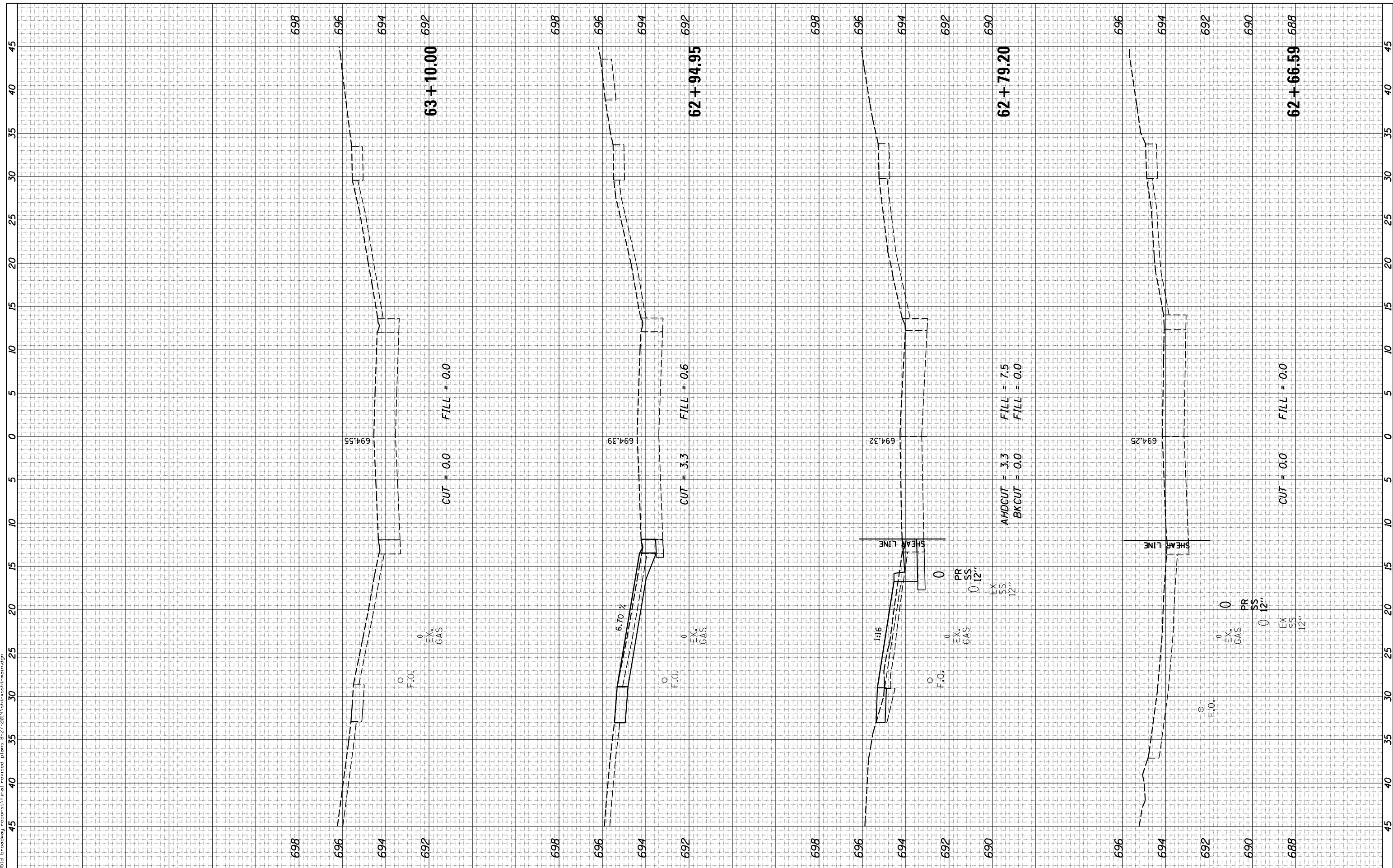
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAIN STREET CROSS SECTIONS
 SCALE: 5'H / 2"V SHEET 2 OF 3 SHEETS STA. 61+97.93 TO STA. 62+41.86

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 52
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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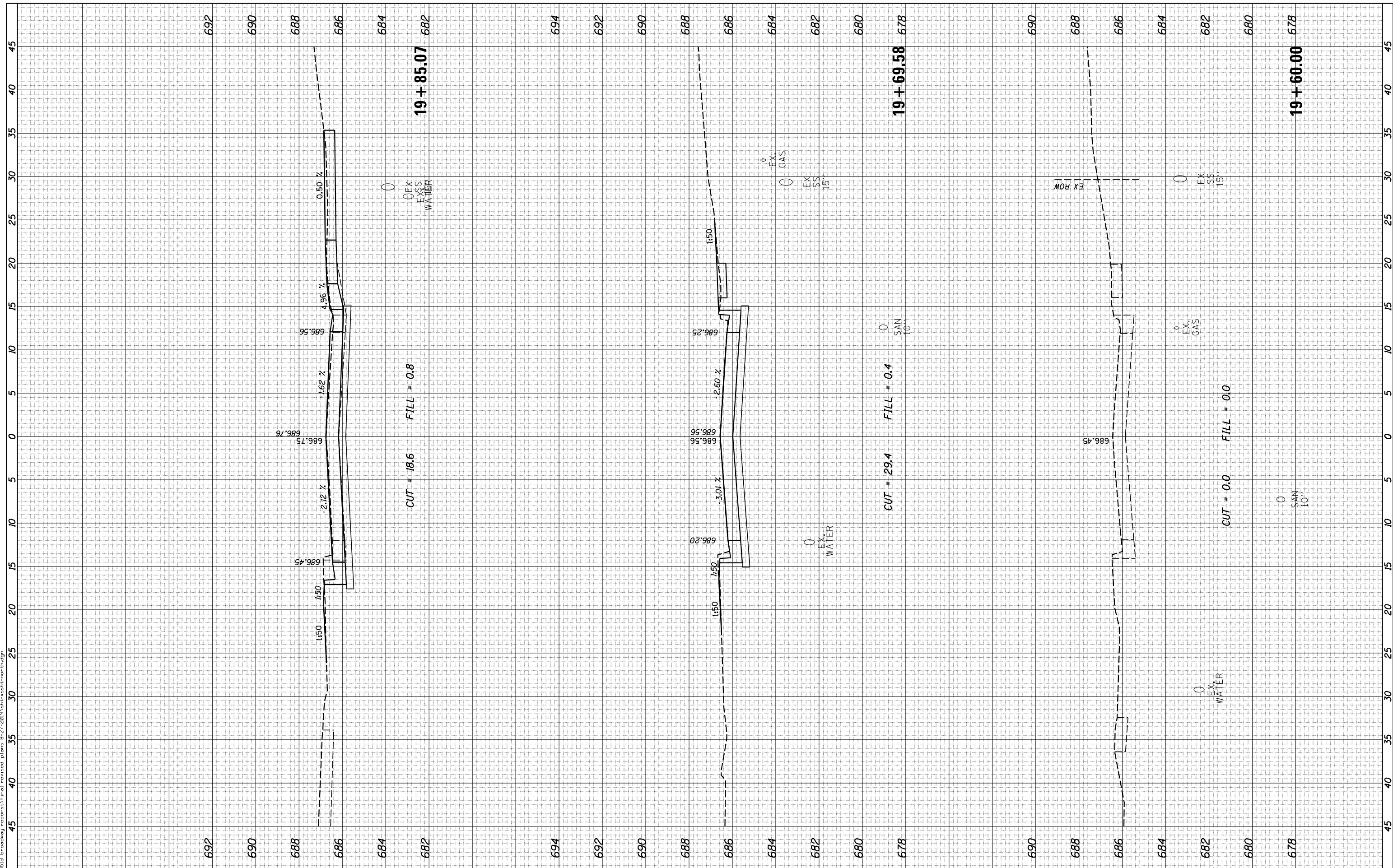
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
MAIN STREET CROSS SECTIONS
SCALE: 5'H / 2'V SHEET 3 OF 3 SHEETS STA. 62+66.59 TO STA. 63+10.00

F.A.U. RT.E. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 53
CONTRACT NO. 95861				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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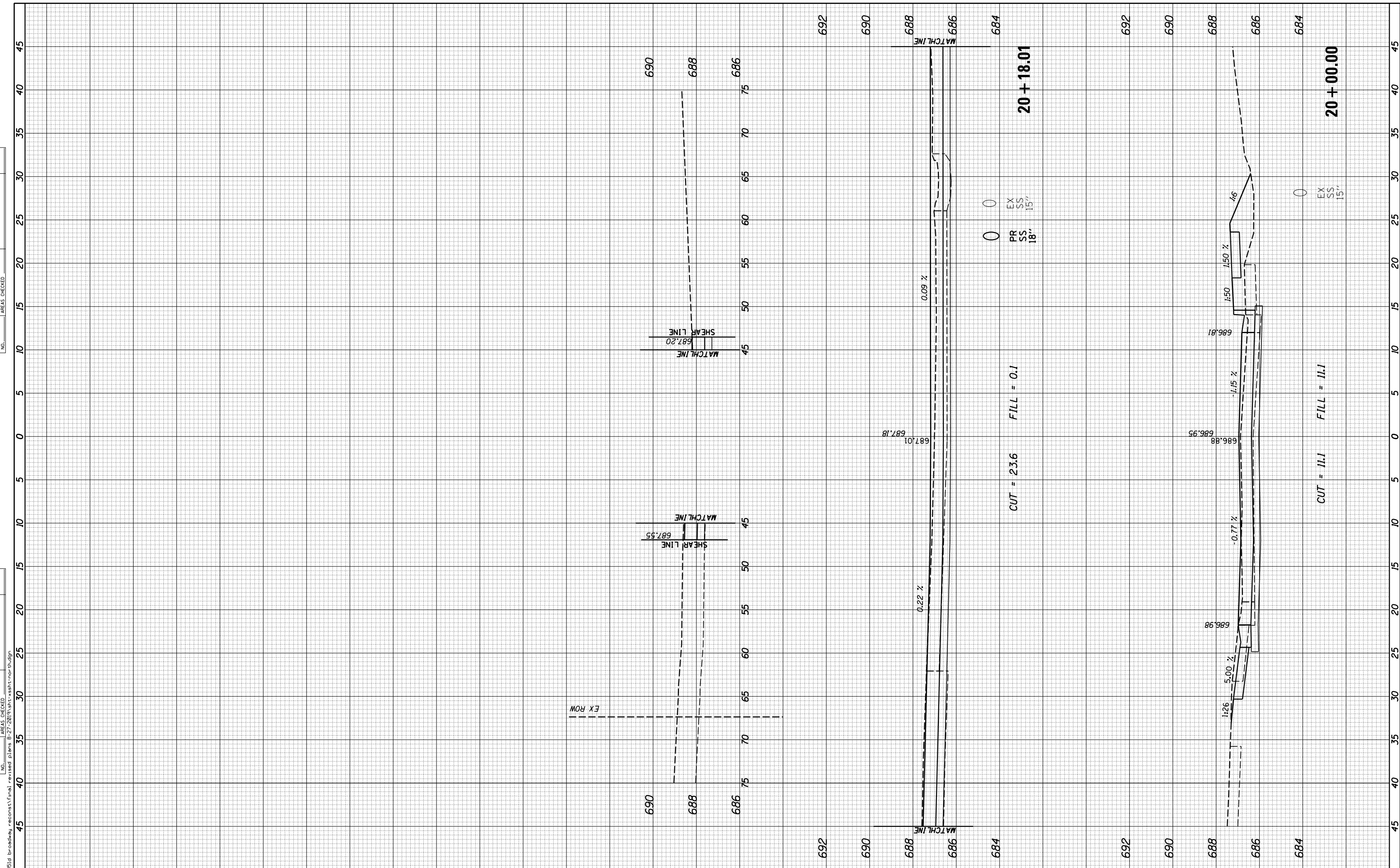
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
NORTH STREET CROSS SECTIONS

SCALE: 5'H / 2'V SHEET 1 OF 2 SHEETS STA. 19+60.00 TO STA. 19+85.07

F.A.U. RTÉ. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 54
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

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

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



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PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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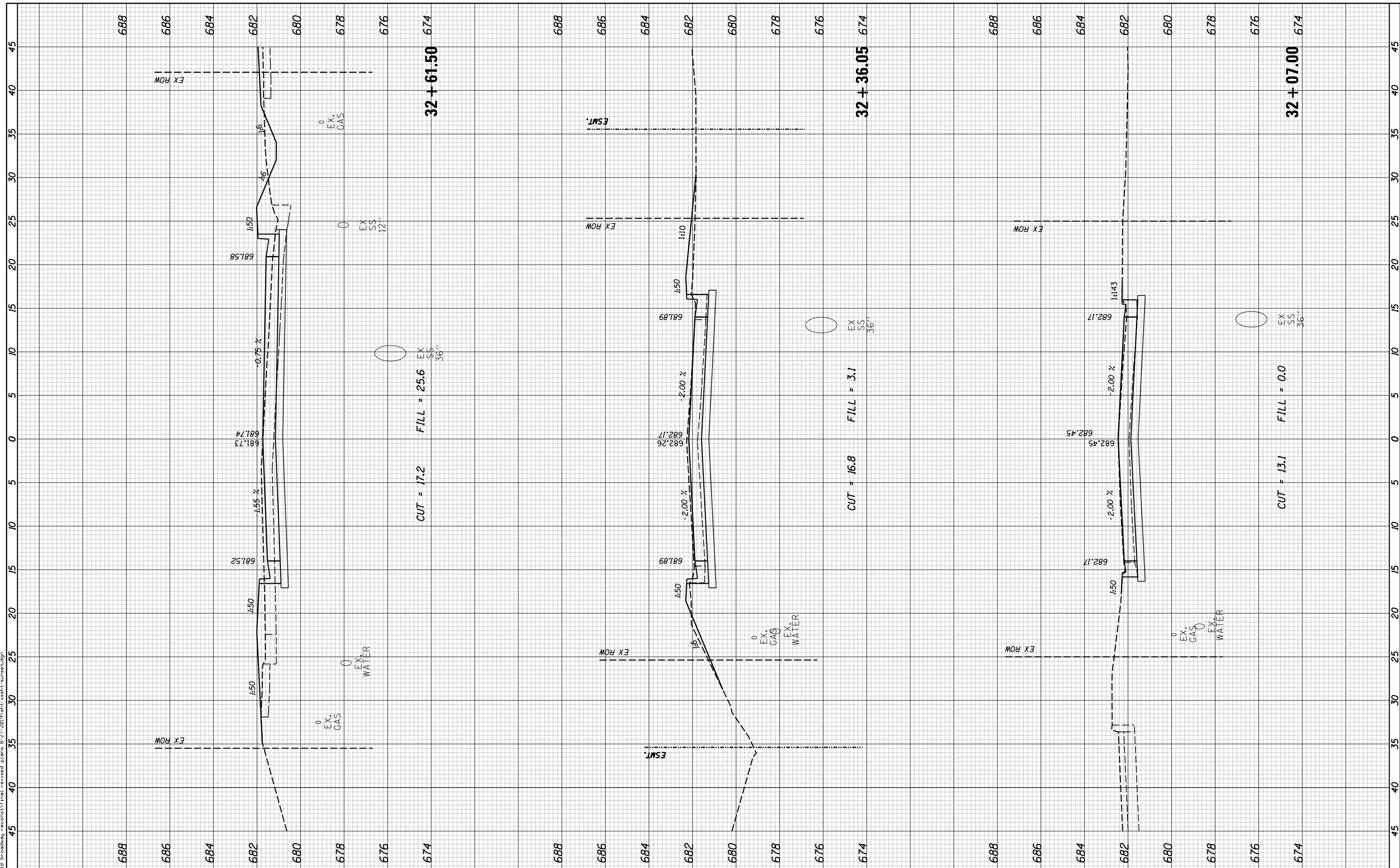
VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
NORTH STREET CROSS SECTIONS
SCALE: 5'H / 2"V SHEET 2 OF 2 SHEETS STA. 20+00.00 TO STA. 20+18.01

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 55
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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PLOT DATE = 9/4/2019	CHECKED -	REVISD -
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DATE -	REVISD -

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VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
SUNSET DRIVE /SUNSET COURT CROSS SECTIONS
SCALE: 5'H / 2'V SHEET 1 OF 3 SHEETS STA. 32+07.00 TO STA. 32+61.50

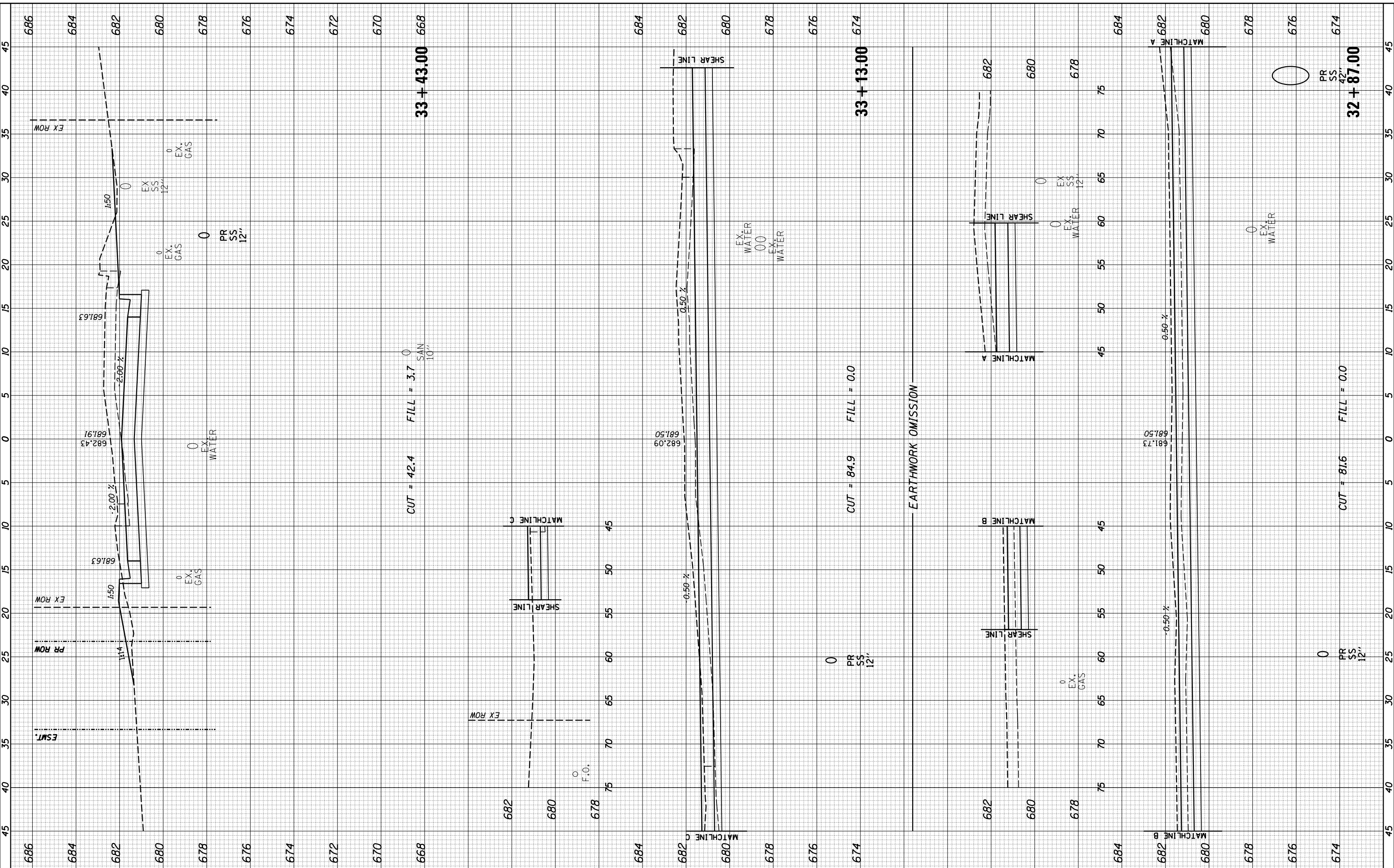
F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 56
CONTRACT NO. 95861				
ILLINOIS FED. AID PROJECT				

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

BY	DATE

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BY	DATE



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PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

CUT = 42.4	FILL = 3.7
	SAN 10'

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VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
SUNSET DRIVE / SUNSET COURT CROSS SECTIONS

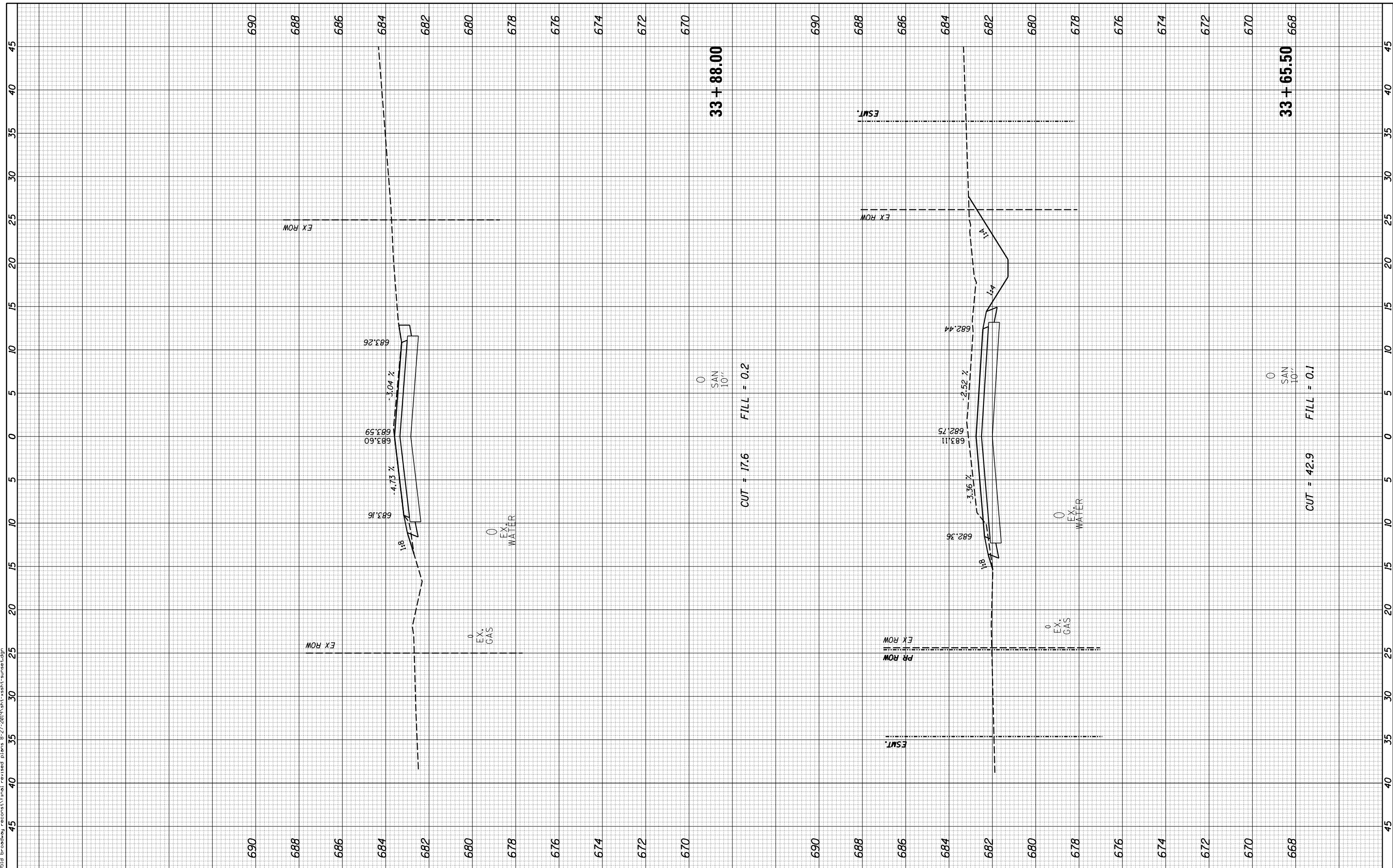
SCALE: 5'H / 2"V SHEET 2 OF 3 SHEETS STA. 32+87.00 TO STA. 33+43.00

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 57
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT DATE = 9/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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VILLAGE OF MT ZION - BROADWAY STREET RECONSTRUCTION
SUNSET DRIVE / SUNSET COURT CROSS SECTIONS
SCALE: 5'H / 2" SHEET 3 OF 3 SHEETS STA. 33+65.50 TO STA. 33+88.00

F.A.U. RTE. 7459	SECTION 14-00030-00-PV	CITY MT. ZION	TOTAL SHEETS 58	SHEET NO. 58
CONTRACT NO. 95861			ILLINOIS FED. AID PROJECT	