

MONROE STREET S.W. & S.E. QUADRANTS

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

SIDEWALK ELEVATIONS S.W. QUADRANT

POINT	US 54-IL 106		ELEVATION
	STATION	OFFSET	
1	12+29.39	30.77' LT	731.74 Δ
2	12+29.41	40.99' LT	731.71 Δ
3	12+19.41	40.99' LT	731.13
4	12+19.39	30.80' LT	731.23
5	12+11.41	30.82' LT	730.82
6	12+11.41	40.99' LT	730.67
7	12+06.41	41.01' LT	730.60
8	12+01.99	41.03' LT	730.53
9	12+06.38	48.28' LT	730.74
10	12+11.38	48.27' LT	730.78
11	12+10.53	53.27' LT	730.85 Δ
12	12+06.44	53.28' LT	730.83 Δ

S.W. QUADRANT MONROE ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
9+49.00	CL	730.71 Δ	-0.72	15.2' LT	730.60 Δ	-3.62%	27.6' LT	730.15 Δ
9+59.00	CL	730.71 Δ	0.00%	15.2' LT	730.71 Δ	-0.97%	27.6' LT	730.59 Δ
9+71.80	CL	730.83 Δ	0.53%	15.2' LT	730.91 Δ	-0.23%	27.6' LT	730.89 Δ

• - TRANSITION CONTROL
 Δ - MATCH EXISTING ELEVATION

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT US 54 / IL 106 - MONROE ST.

POINT	US 54 / IL 106		MONROE ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	11+43.63	43.20' LT	9+56.88	28.15' RT	730.05 Δ
B2	11+43.63	40.25' LT	9+59.83	28.14' RT	730.08
B3	11+43.04	36.53' LT	9+63.56	28.71' RT	730.12
B4	11+41.33	33.17' LT	9+66.92	30.41' RT	730.16
B5	11+38.66	30.51' LT	9+69.59	33.07' RT	730.20
B6	11+35.30	28.81' LT	9+71.31	36.43' RT	730.16
B7	11+31.50	28.23' LT	9+71.89	40.15' RT	730.11
B8	11+28.40	28.23' LT	9+71.89	43.25' RT	730.03 Δ

CURB ELEVATIONS - S.E. QUADRANT US 54 / IL 106 - MADISON ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C9	730.25 Δ	6"
C10	730.53	6"
C11	730.58	6"
C12	730.81	0"
C13	730.91	0"
C14	730.96	4"
C15	731.06	8"
C16	731.12	12"
C17	731.16	8"
C18	731.17	4"
C19	731.14	0"
C20	731.10	0"
C21	730.95	2"
C22	730.75	4"
C23	730.56	6"
C24	730.51	6"
C25	730.48 Δ	6"

CURB ELEVATIONS - S.W. QUADRANT US 54 / IL 106 - MONROE ST.

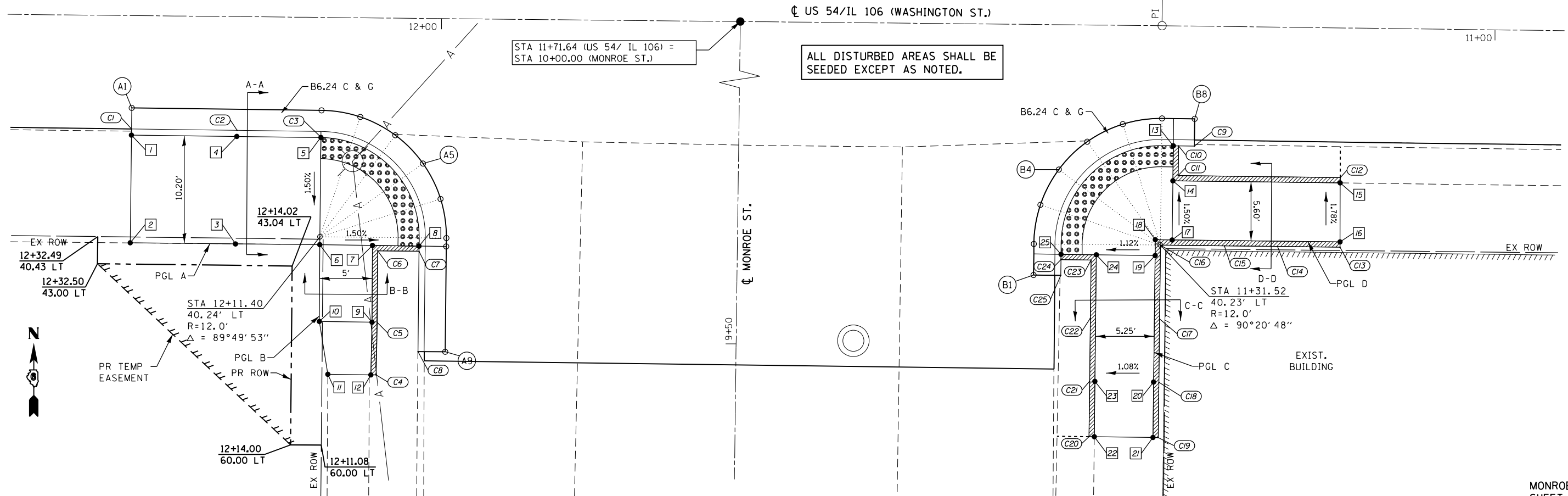
POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	731.74 Δ	10"
C2	731.23	6"
C3	730.82	0"
C4	730.83	0"
C5	731.24	6"
C6	731.10	6"
C7	731.03	6"
C8	730.27 Δ	6"

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT US 54 / IL 106 - MONROE ST.

POINT	US 54 / IL 106		MONROE ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	12+29.39	28.19' LT	9+71.63	57.66' LT	731.02 Δ
A2	12+11.37	28.24' LT	9+71.63	39.64' LT	730.88
A3	12+07.68	28.83' LT	9+71.05	35.95' LT	730.82
A4	12+04.34	30.54' LT	9+69.36	32.61' LT	730.77
A5	12+01.69	33.19' LT	9+66.71	29.95' LT	730.71
A6	11+99.99	36.54' LT	9+63.37	28.23' LT	730.66
A7	11+99.40	40.24' LT	9+59.67	27.64' LT	730.60
A8	11+99.40	41.03' LT	9+58.88	27.63' LT	730.59
A9	11+99.40	51.03' LT	9+48.88	27.60' LT	730.15 Δ

SIDEWALK ELEVATIONS S.E. QUADRANT

POINT	US 54-IL 106		ELEVATION
	STATION	OFFSET	
13	11+30.40	30.82' LT	730.03
14	11+30.40	34.13' LT	730.08
15	11+14.52	34.14' LT	730.81 Δ
16	11+14.47	39.73' LT	730.91 Δ
17	11+30.40	39.74' LT	730.16
18	11+32.11	39.74' LT	730.15
19	11+32.11	41.24' LT	730.15
20	11+32.14	53.24' LT	730.84
21	11+32.15	58.50' LT	731.14 Δ
22	11+37.72	58.48' LT	731.10 Δ
23	11+37.71	53.22' LT	730.78
24	11+37.69	41.22' LT	730.06
25	11+41.04	41.21' LT	730.01



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KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

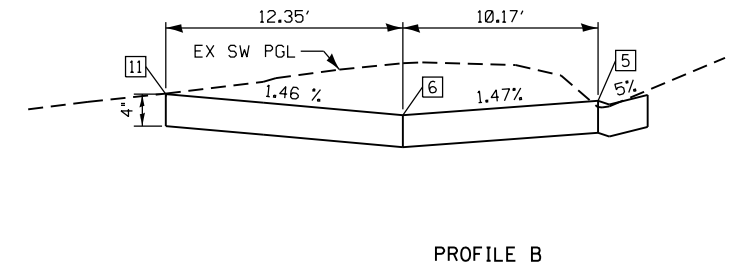
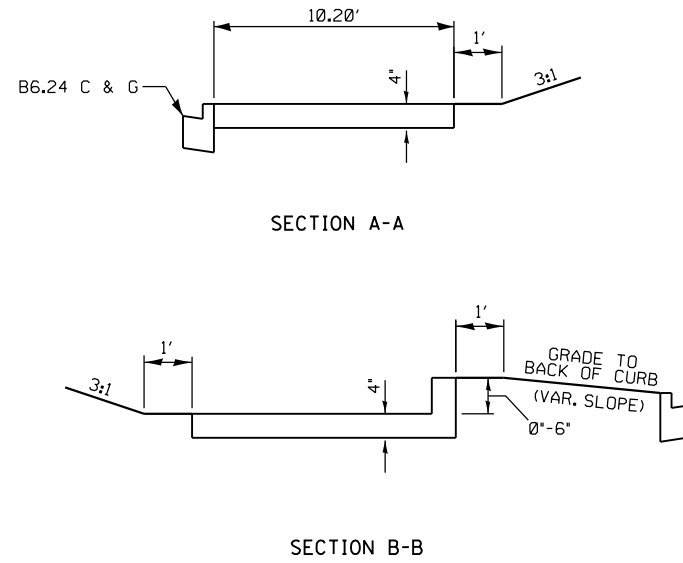
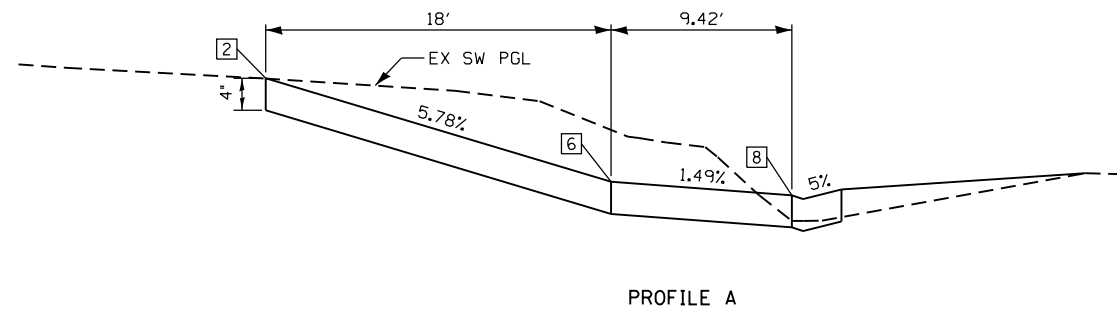
**GEOMETRIC DETAILS
MONROE STREET /S.W. & S.E. QUADRANTS
US 54 / IL 106 (EAST WASHINGTON ST.)**

SCALE: 1"=5' SHEET 18 OF 46 SHEETS STA. 12+22.00 TO STA. 11+18.00

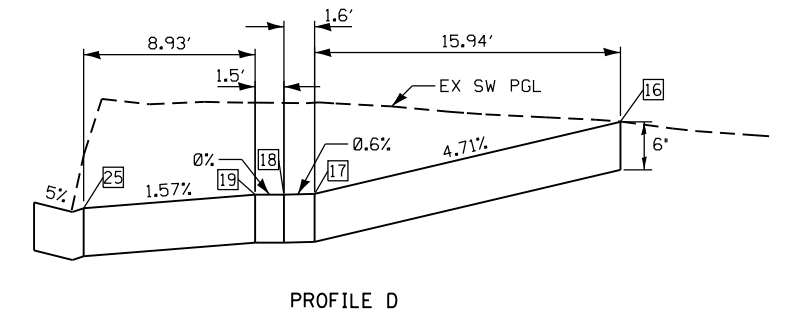
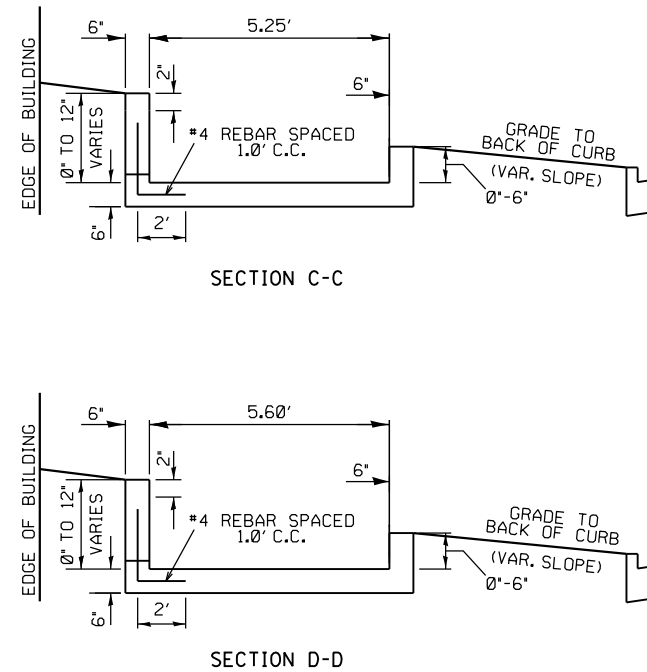
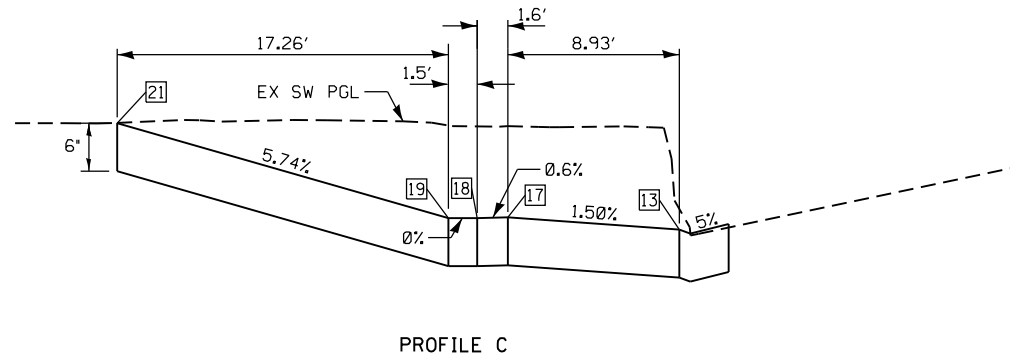
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	101
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

MONROE STREET
SHEET 3 OF 4

MONROE STREET S.W. QUADRANT PROFILES AND TYPICAL SECTIONS



MONROE STREET S.E. QUADRANT PROFILES AND TYPICAL SECTIONS



MONROE STREET
SHEET 4 OF 4

USER NAME = jackee	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	102
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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JACKSON STREET N.W. QUADRANT

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

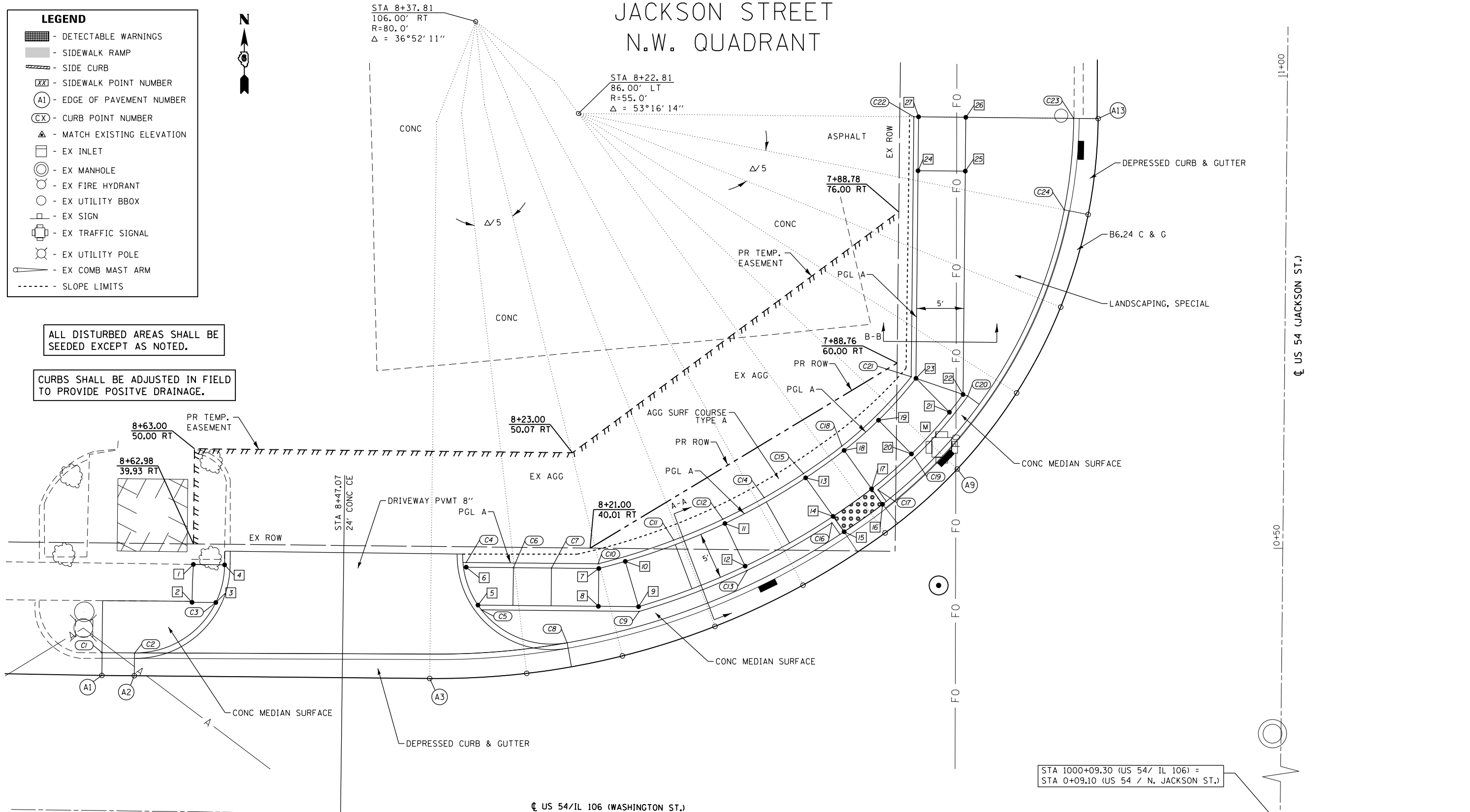


STA 8+37.81
106.00' RT
R=80.0'
Δ = 36°52' 11"

STA 8+22.81
86.00' LT
R=55.0'
Δ = 53°16' 14"

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

CURBS SHALL BE ADJUSTED IN FIELD TO PROVIDE POSITIVE DRAINAGE.



THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

STA 1000+09.30 (US 54/ IL 106) = STA 0+09.10 (US 54 / N. JACKSON ST.)

STA 7+56.90 (US 54/WASHINGTON ST.) = STA 1000+00.00 (IL 106)

STA 1010+61.08 (IL 106) = STA 10+00.00 (S. JACKSON ST.)

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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

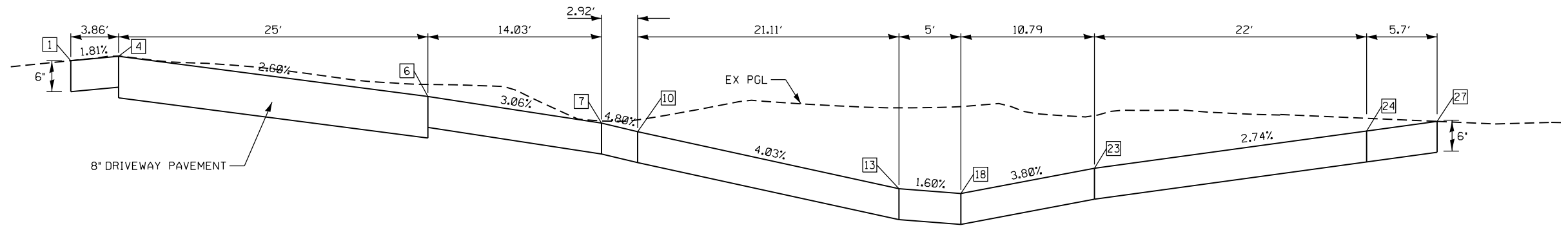
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS
JACKSON STREET /N.W. QUADRANT
US 54 /IL 106 (EAST WASHINGTON ST.)
SCALE: 1"=5' SHEET 20 OF 46 SHEETS STA. 8+73.00 TO STA. 7+69.00

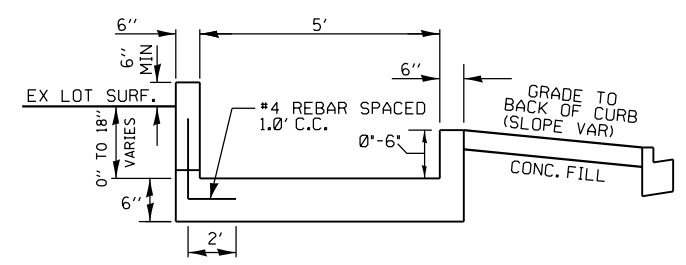
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	103
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

JACKSON STREET
SHEET 1 OF 7

NORTH JACKSON STREET N.W. QUADRANT PROFILES, TYPICAL SECTIONS, & POINT LOCATIONS

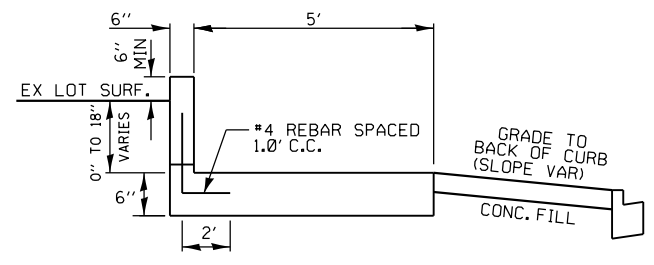


PROFILE A



SECTION A-A

CURBS SHALL BE ADJUSTED IN FIELD TO PROVIDE POSITIVE DRAINAGE.



SECTION B-B

POINT	US 54-WASHINGTON ST.		ELEVATION
	STATION	OFFSET	
1	8+62.96	37.76' RT	726.50 ▲
2	8+63.06	33.74' RT	726.43 ▲
3	8+59.10	33.75' RT	726.47 ▲
4	8+59.10	37.75' RT	726.57 ▲
5	8+34.10	33.83' RT	725.92
6	8+34.10	37.82' RT	725.92
7	8+20.07	37.86' RT	725.49
8	8+20.06	33.86' RT	725.45
9	8+15.80	33.87' RT	725.28
10	8+17.26	38.65' RT	725.35
11	8+06.77	42.79' RT	724.86
12	8+04.57	38.31' RT	724.79
13	7+98.28	47.72' RT	724.43
14	7+95.33	43.69' RT	724.36
15	7+94.15	42.07' RT	724.33
16	7+90.12	45.03' RT	724.25
17	7+91.30	46.65' RT	724.28
18	7+94.25	50.69' RT	724.35
19	7+90.66	53.93' RT	724.58
20	7+87.12	50.40' RT	724.48
21	7+83.16	54.86' RT	724.69
22	7+81.74	56.76' RT	724.73
23	7+86.74	58.40' RT	724.76
24	7+86.80	86.39' RT	725.36
25	7+81.80	80.40' RT	725.26
26	7+81.81	86.10' RT	725.21 ▲
27	7+86.81	86.09' RT	725.52 ▲

**CURB ELEVATIONS – N.W. QUADRANT
US 54 / WASHINGTON ST – JACKSON ST.**

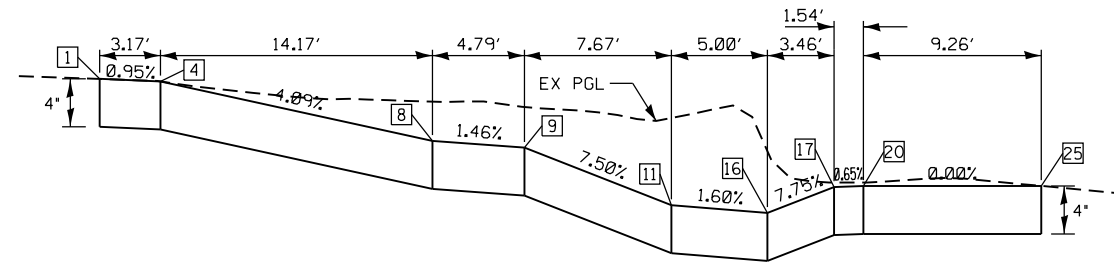
POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	726.47 ▲	6"
C2	726.42	6"
C3	726.47	0"
C4	725.92	0"
C5	725.86	0"
C6	726.27	6"
C7	726.14	6"
C8	725.68	6"
C9	725.78	6"
C10	726.10	9"
C11	726.28	14"
C12	726.36	18"
C13	725.29	6"
C14	726.32	20"
C15	726.26	22"
C16	724.86	6"
C17	724.78	6"
C18	726.35	24"
C19	724.73	3"
C20	724.73	0"
C21	726.26	18"
C22	725.52	0"
C23	724.55 ▲	0"
C24	724.85	0"

POINT	US 54/WASHINGTON ST.		US 54/N. JACKSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	8+72.51	25.88' RT	0+35.29	124.84' LT	726.09 ▲
A2	8+69.07	25.89' RT	0+35.29	121.40' LT	726.04 ▲
A3	8+37.81	26.00' RT	0+35.32	90.15' LT	725.55 ▲
A4	8+27.54	26.66' RT	0+35.96	79.88' LT	725.40
A5	8+17.45	28.64' RT	0+37.91	69.77' LT	725.19
A6	8+07.69	31.89' RT	0+41.14	60.01' LT	724.84
A7	7+98.42	36.37' RT	0+45.60	50.73' LT	724.49
A8	7+89.81	42.00' RT	0+51.21	42.11' LT	724.34
A9	7+82.25	48.86' RT	0+58.05	34.53' LT	724.18
A10	7+76.08	57.00' RT	0+66.17	28.34' LT	724.32
A11	7+71.52	66.14' RT	0+75.30	23.76' LT	724.46
A12	7+68.74	75.96' RT	0+85.12	20.95' LT	724.54
A13	7+67.81	86.13' RT	0+95.29	20.00' LT	724.61 ▲

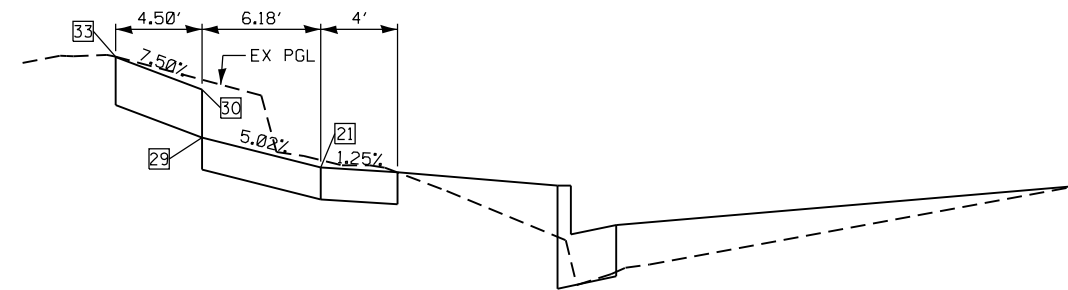
**EDGE OF PAVEMENT ELEVATIONS – N.W. QUADRANT
US 54 / WASHINGTON ST – JACKSON ST**

KLINGNER & ASSOCIATES, P.C. <small>Engineers • Architects • Surveyors 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223-3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738</small>	USER NAME = jackca	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRIC DETAILS NORTH JACKSON ST./N.W. QUADRANT US 54 (WASHINGTON ST.)	F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 104
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -			REVISIED -	CONTRACT NO. 72H83		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/17/2019	DATE -	REVISIED -	REVISIED -	SCALE: 1"=5'		SHEET 21 OF 46 SHEETS		STA. TO STA.		

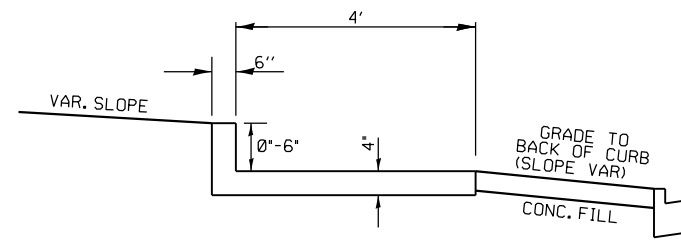
NORTH JACKSON STREET N.E. QUADRANT PROFILES & TYPICAL SECTIONS



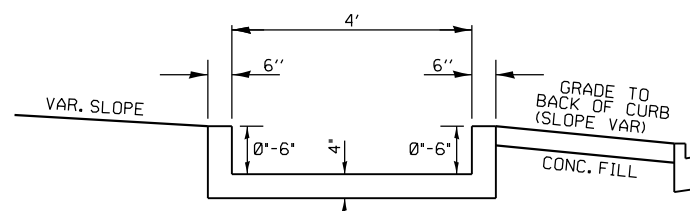
PROFILE A



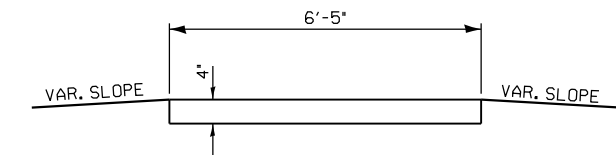
PROFILE B



SECTION A-A



SECTION B-B



SECTION C-C

JACKSON STREET
SHEET 4 OF 7

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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

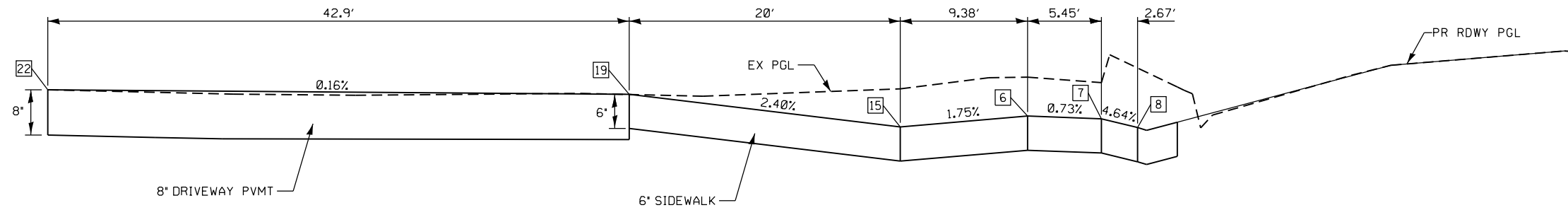
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GEOMETRIC DETAILS NORTH JACKSON ST./N.E. QUADRANT US 54 (WASHINGTON ST.)			
SCALE: 1"=5'	SHEET 23 OF 46 SHEETS	STA.	TO STA.

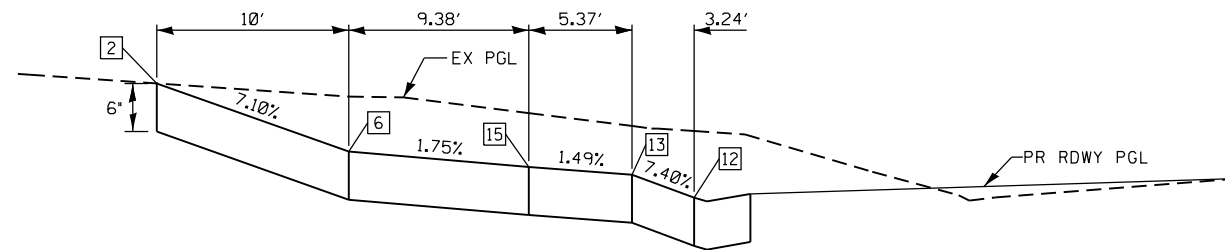
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	106
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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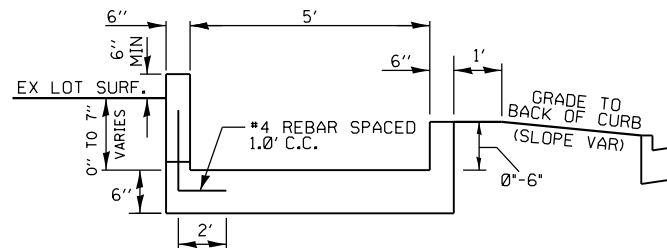
SOUTH JACKSON STREET S.W. QUADRANT PROFILES AND TYPICAL SECTIONS



PROFILE A



PROFILE B



SECTION A-A
SECTION B-B

CURBS SHALL BE ADJUSTED IN FIELD
TO PROVIDE POSITIVE DRAINAGE.

JACKSON STREET
SHEET 6 OF 7

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GEOMETRIC DETAILS	
SOUTH JACKSON ST./S.W. QUADRANT US 54 (WASHINGTON ST.)	
SCALE: 1"=5'	SHEET 25 OF 46 SHEETS STA. TO STA.

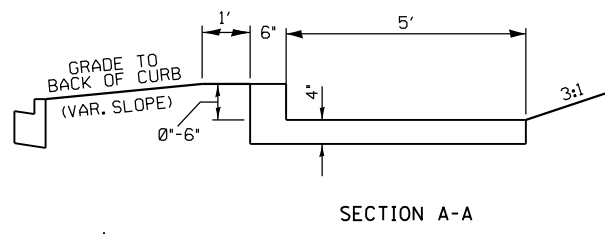
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	108
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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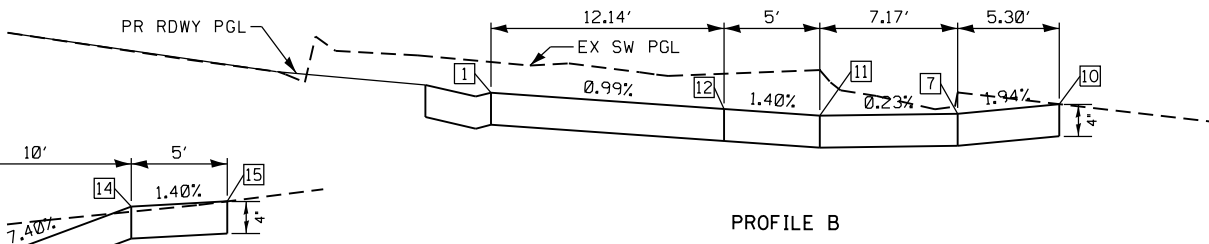
JACKSON STREET S.E. QUADRANT

LEGEND

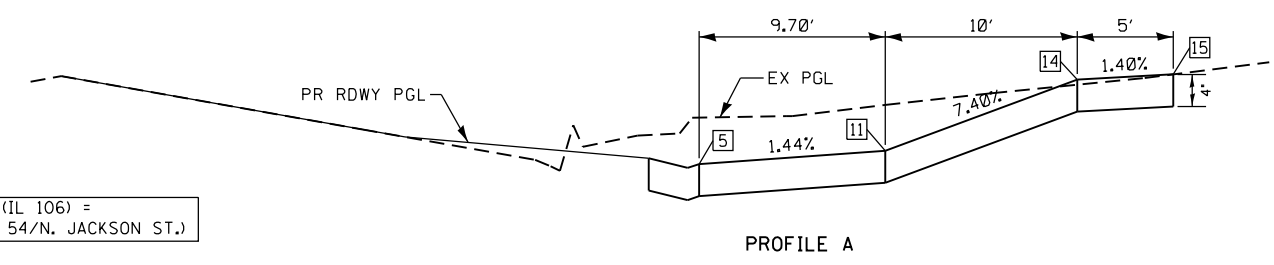
- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS



SECTION A-A



PROFILE B



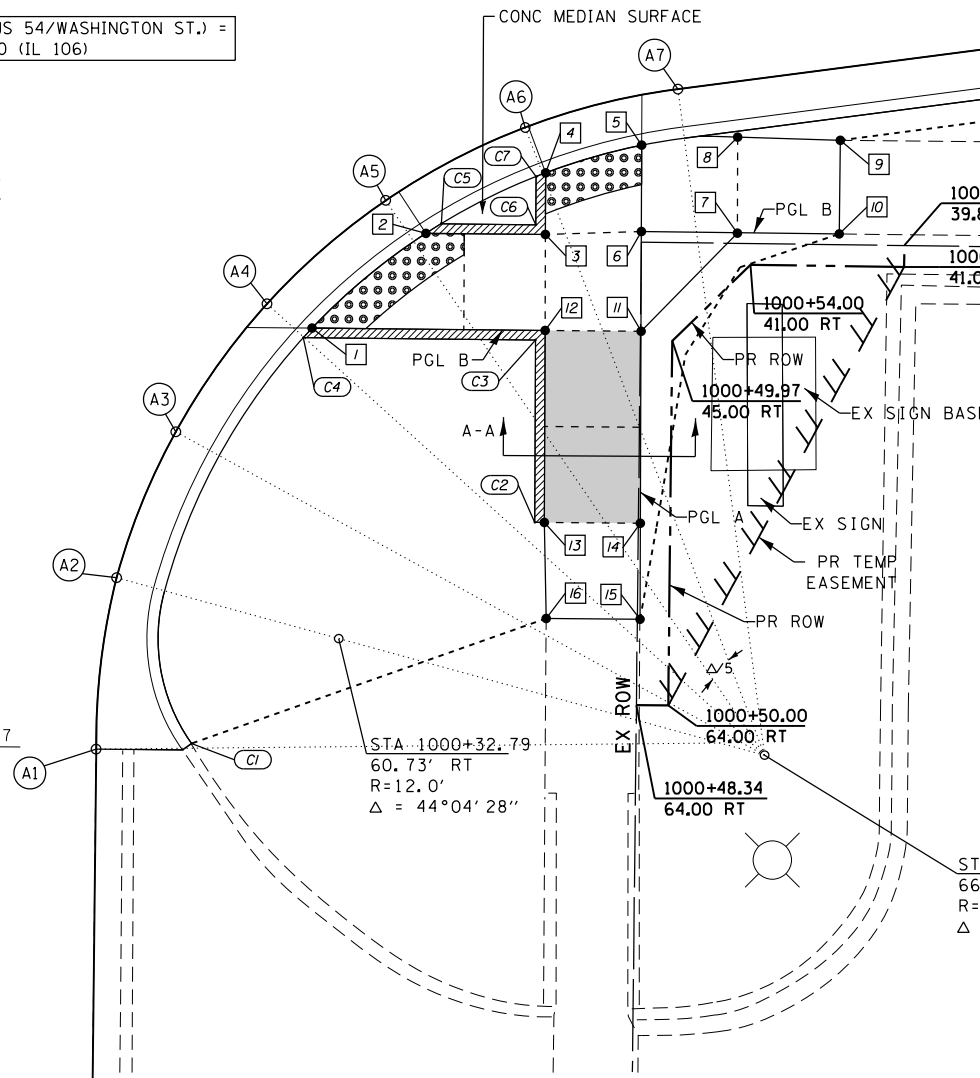
PROFILE A

STA 1000+09.30 (IL 106) =
STA 0+09.10 (US 54/N. JACKSON ST.)

STA 1010+61.08 (IL 106) =
STA 10+00.00 (S. JACKSON ST.)

STA 7+56.90 (US 54/WASHINGTON ST.) =
STA 1000+00.00 (IL 106)

ALL DISTURBED AREAS SHALL BE
SEEDED EXCEPT AS NOTED.



SIDEWALK ELEVATIONS
S.E. QUADRANT

POINT	IL 106 - S. JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	1000+31.20	44.57' RT	723.63
2	1000+37.07	39.56' RT	723.50
3	1000+43.29	39.54' RT	723.44
4	1000+43.27	36.33' RT	723.39
5	1000+48.25	34.83' RT	723.31
6	1000+48.29	39.33' RT	723.36
7	1000+53.29	39.34' RT	723.46
8	1000+53.25	34.35' RT	723.44
9	1000+58.59	34.44' RT	723.54
10	1000+58.60	39.32' RT	723.56
11	1000+48.34	44.53' RT	723.44
12	1000+43.34	44.54' RT	723.51
13	1000+43.42	54.54' RT	724.09
14	1000+48.42	54.53' RT	724.18
15	1000+48.47	59.53' RT	724.25
16	1000+43.59	59.54' RT	724.18

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 106 - SOUTH JACKSON ST.

POINT	IL 106		SOUTH JACKSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	1000+20.22	66.64' RT	9+33.30	14.12' RT	723.77
A2	1000+21.18	57.71' RT	9+42.24	15.11' RT	723.78
A3	1000+24.16	50.07' RT	9+49.87	18.12' RT	723.82
A4	1000+28.84	43.33' RT	9+56.58	22.83' RT	723.70
A5	1000+34.96	37.87' RT	9+62.02	28.96' RT	723.58
A6	1000+42.18	33.98' RT	9+65.89	36.20' RT	723.45
A7	1000+50.10	31.88' RT	9+67.96	44.13' RT	723.33
A8	1000+93.67	25.65' RT	9+74.02	87.72' RT	722.69
A9	1001+37.24	19.43' RT	9+80.09	131.31' RT	722.06
A10	1001+42.12	19.43' RT	9+80.07	136.19' RT	721.97

CURB ELEVATIONS - S.E. QUADRANT
IL 106 - SOUTH JACKSON ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	724.31	6"
C2	724.59	0"
C3	724.01	6"
C4	724.13	6"
C5	724.00	6"
C6	723.94	6"
C7	723.81	6"
C8	722.37	6"

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

CASEY'S

JACKSON STREET
SHEET 7 OF 7

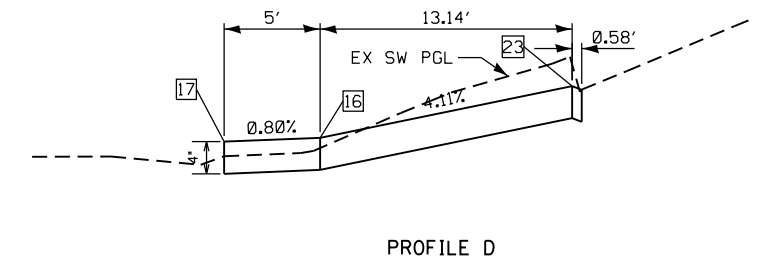
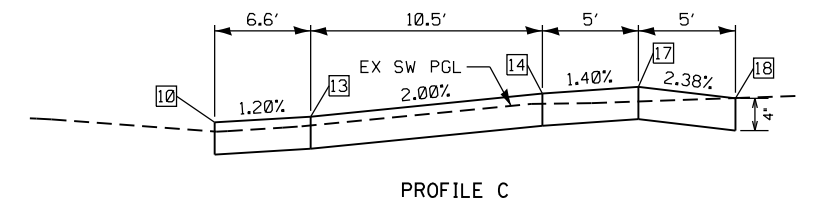
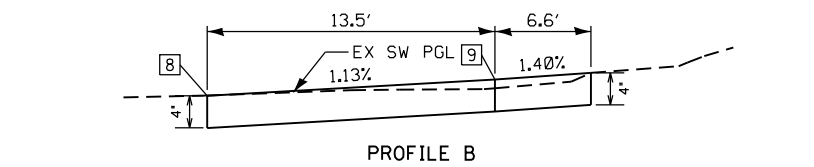
ILLINOIS STREET N.W. & N.E. QUADRANT

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

EDGE OF PAVEMENT ELEVATIONS – N.E. QUADRANT IL 106 – ILLINOIS ST.

POINT	IL 106		ILLINOIS ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	1004+28.16	23.02' LT	10+23.02	20.80' RT	718.03 ▲
B2	1004+33.79	20.49' LT	10+20.49	26.43' RT	718.35
B3	1004+38.92	19+77' LT	10+19.77	31.55' RT	718.42 ▲
B4	1004+39.95	19.79' LT	10+19.79	32.59' RT	718.43 ▲



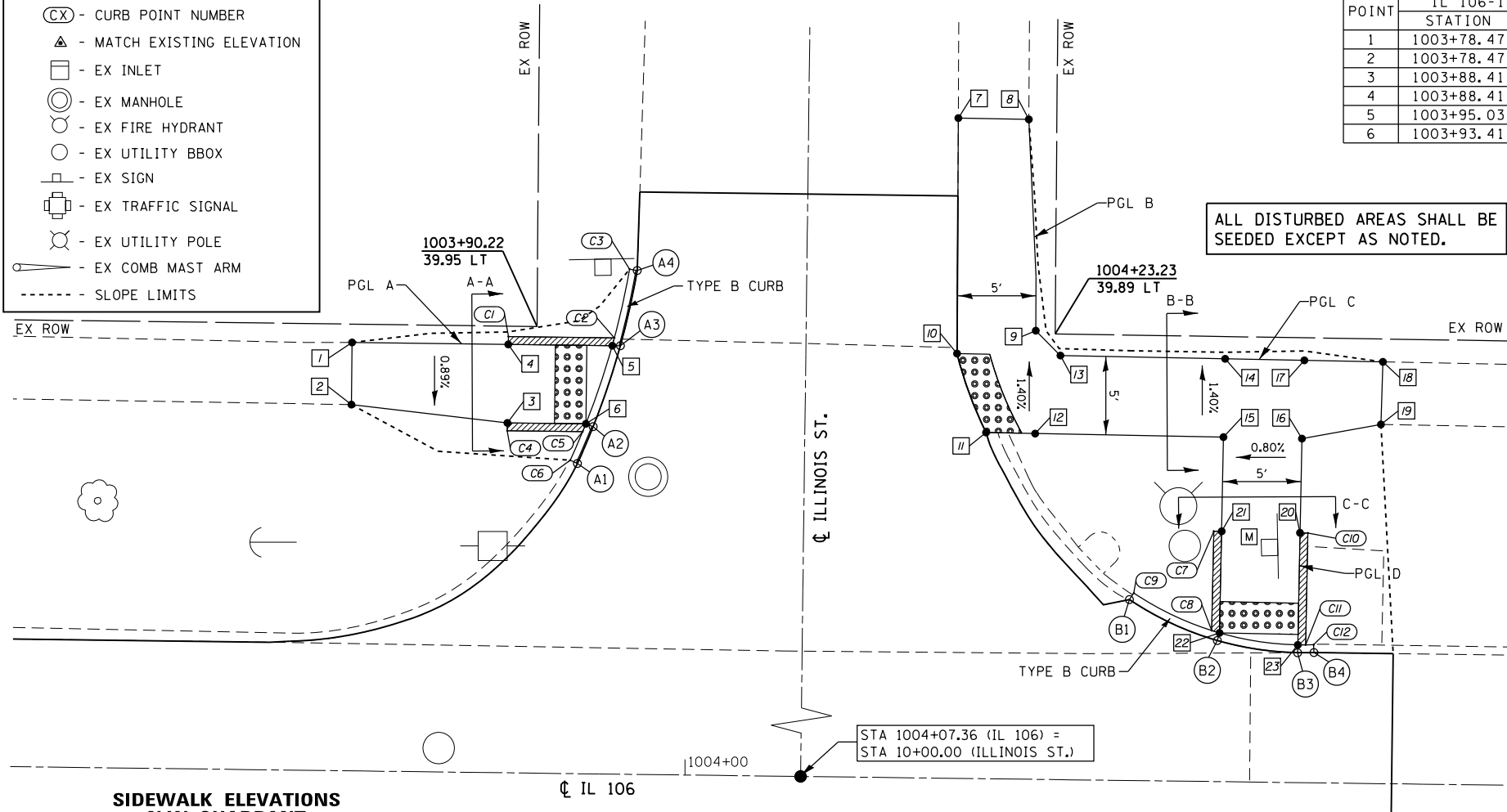
SECTION B-B
SECTION C-C

SIDEWALK ELEVATIONS N.E. QUADRANT

POINT	IL 106-ILLINOIS ST.		ELEVATION
	STATION	OFFSET	
1	1003+78.47	39.79' LT	718.03 ▲
2	1003+78.47	34.82' LT	717.94 ▲
3	1003+88.41	33.79' LT	717.85
4	1003+88.41	38.79' LT	717.84
5	1003+95.03	38.79' LT	717.71
6	1003+93.41	33.79' LT	717.80

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

LEGEND	
	- DETECTABLE WARNINGS
	- SIDEWALK RAMP
	- SIDE CURB
	- SIDEWALK POINT NUMBER
	- EDGE OF PAVEMENT NUMBER
	- CURB POINT NUMBER
	- MATCH EXISTING ELEVATION
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- SLOPE LIMITS

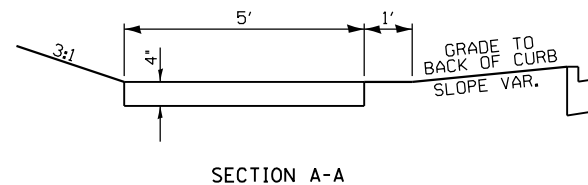
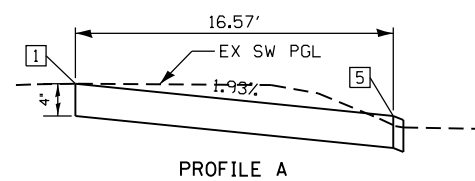


SIDEWALK ELEVATIONS N.W. QUADRANT

POINT	IL 106-ILLINOIS ST.		ELEVATION
	STATION	OFFSET	
7	1004+16.89	53.56' LT	717.34 ▲
8	1004+21.38	53.53' LT	717.40 ▲
9	1004+21.98	40.08' LT	717.55
10	1004+16.99	38.56' LT	717.51
11	1004+18.91	33.55' LT	717.59
12	1004+22.03	33.53' LT	717.64
13	1004+23.57	38.52' LT	717.60
14	1004+34.07	38.44' LT	717.81
15	1004+34.03	33.44' LT	717.88
16	1004+39.03	33.41' LT	717.92
17	1004+39.12	38.41' LT	717.88
18	1004+44.12	38.36' LT	717.76 ▲
19	1004+44.04	34.38' LT	717.80 ▲
20	1004+38.98	27.41' LT	718.19
21	1004+33.98	27.44' LT	718.14
22	1004+33.93	20.97' LT	718.39
23	1004+38.92	20.27' LT	718.46

CURB ELEVATIONS – N.W./N.E. QUADRANT IL 106 – ILLINOIS ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	717.84	0"
C2	718.21	6"
C3	717.58	0"
C4	717.85	0"
C5	718.30	6"
C6	718.36 ▲	6"
C7	718.14	0"
C8	718.89	6"
C9	718.53	6"
C10	718.19 ▲	0"
C11	718.96	6"
C12	718.93	6"



EDGE OF PAVEMENT ELEVATIONS – N.W. QUADRANT IL 106 – ILLINOIS ST.

POINT	IL 106		ILLINOIS ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	1003+92.90	31.25' LT	10+31.25	14.46' LT	717.86 ▲
A2	1003+93.88	33.61' LT	10+33.61	13.48' LT	717.76 ▲
A3	1003+95.55	38.79' LT	10+38.79	11.81' LT	717.67
A4	1003+96.57	43.60' LT	10+43.60	10.80' LT	717.58 ▲

ADAMS STREET N.W. & N.E. QUADRANTS

CURB ELEVATIONS - N.W./N.E. QUADRANT US 54 /N. JACKSON ST. - ADAMS ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	727.96	6"
C2	729.56	24"
C3	729.57	24"
C4	729.63	24"
C5	729.69	6"
C6	729.70	6"
C7	729.63	6"
C8	729.62	6"
C9	727.95	6"
C10	727.61	6"
C11	727.71	6"
C12	728.02	6"
C13	727.90	6"
C14	727.46	0"
C15	727.69	6"
C16	727.31	6"
C17	727.24	6"
C18	727.11	6"
C19	727.12	0"
C20	726.92	6"
C21	727.12	0"
C22	726.86	6"
C23	726.58	6"

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

SIDEWALK ELEVATIONS - N.W./N.E. QUADRANT US 54 /N. JACKSON ST. - ADAMS ST.

POINT	US 54-N JACKSON ST		ELEVATION
	STATION	OFFSET	
1	4+55.95	34.20' LT	727.46
2	4+57.38	34.20' LT	727.47
3	4+61.33	34.19' LT	727.59
4	4+66.33	34.18' LT	727.52
5	4+89.03	34.81' LT	729.19
6	4+94.03	34.77' LT	729.20
7	4+94.03	29.13' LT	729.13
8	4+89.03	29.14' LT	729.12
9	4+66.33	29.18' LT	727.45
10	4+66.33	24.75' LT	727.14
11	4+66.33	22.75' LT	727.11
12	4+61.33	24.75' LT	727.21
13	4+61.33	29.19' LT	727.52
14	4+57.37	29.20' LT	727.40
15	4+67.06	22.42' RT	726.81
16	4+67.06	33.23' RT	727.19
17	4+72.06	35.37' RT	727.46
18	4+72.06	38.23' RT	727.36
19	4+67.06	38.21' RT	727.19
20	4+65.30	42.73' RT	727.27
21	4+62.06	42.73' RT	727.23
22	4+62.06	38.23' RT	727.12
23	4+44.33	38.25' RT	726.36
24	4+45.00	33.25' RT	726.42
25	4+62.06	33.23' RT	727.12
26	4+62.06	22.41' RT	726.74

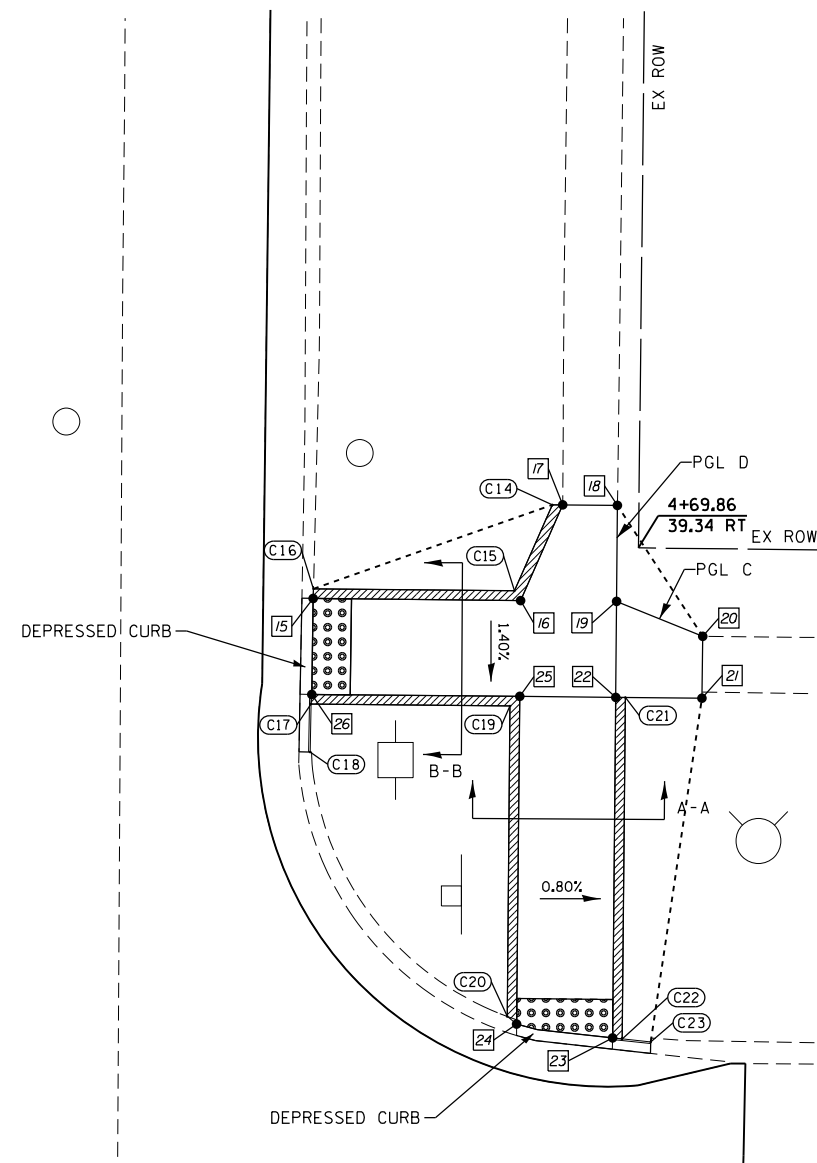
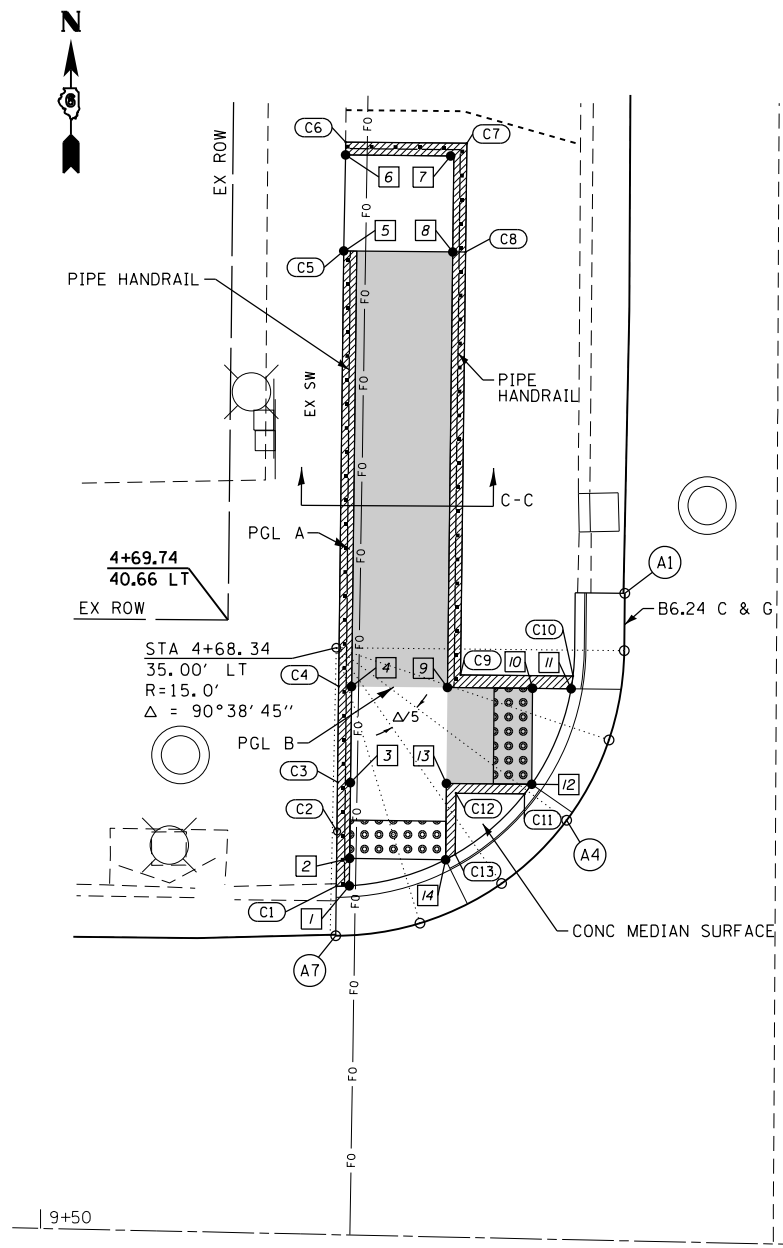
EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT US 54 /N. JACKSON ST. - ADAMS ST.

POINT	US 54/N. JACKSON ST.		ADAMS ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	4+71.33	20.00' LT	9+79.50	44.16' LT	727.15
A2	4+68.34	20.00' LT	9+79.53	41.17' LT	727.16
A3	4+63.68	20.74' LT	9+78.84	36.49' LT	727.24
A4	4+59.47	22.90' LT	9+76.73	32.27' LT	727.28
A5	4+56.15	26.27' LT	9+73.41	28.91' LT	727.44
A6	4+54.04	30.49' LT	9+69.20	26.74' LT	727.48
A7	4+53.35	34.88' LT	9+64.83	26.00' LT	727.52

ADAMS STREET CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
9+00.00	26.00' LT	728.92	-2.77%	CL	729.64	-2.97%	27.57' RT	728.82
9+10.00	26.00' LT	728.72	-2.77%	CL	729.44	-3.01%	27.54' RT	728.61
9+20.00	26.00' LT	728.51	-2.23%	CL	729.09	-2.40%	27.51' RT	728.43
9+30.00	26.00' LT	728.30	-1.65%	CL	728.73	-2.04%	27.40' RT	728.17
9+40.00	26.00' LT	728.09	-1.08%	CL	728.37	-1.92%	26.00' RT	727.87
9+50.00	26.00' LT	727.88	-0.50%	CL	728.01	-2.35%	26.00' RT	727.40
9+60.00	26.00' LT	727.66	-0.19%	CL	721.71	-2.38%	26.00' RT	727.09
9+70.00	26.00' LT	727.44	-0.46%	CL	727.56	-2.27%	26.00' RT	726.97
9+80.00	26.00' LT	727.20	0.88%	CL	727.18	-1.27%	26.00' RT	726.85

- - TRANSITION CONTROL
- ▲ - MATCH EXISTING ELEVATION



ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

STA 4+26.95 (US 54/ N JACKSON) = STA 10+00.00 (ADAMS ST)

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

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USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

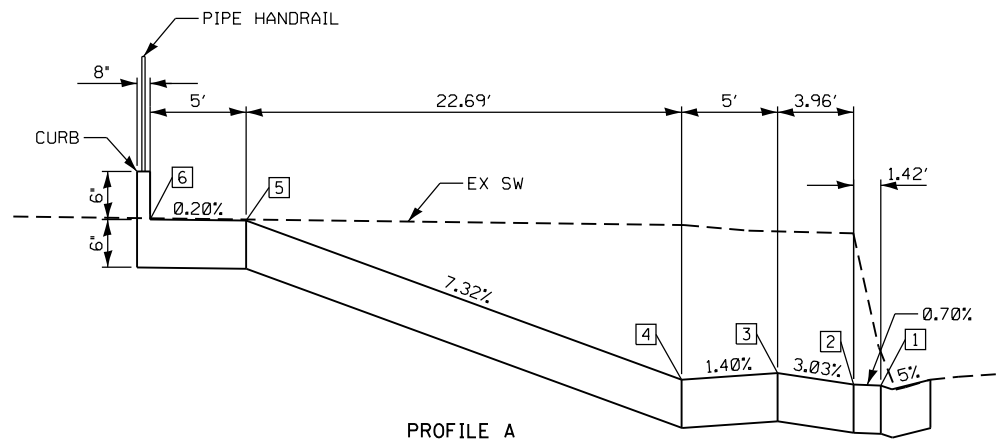
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC DETAILS
ADAMS STREET /N.W. & N.E. QUADRANTS
US 54 (NORTH JACKSON ST.)**

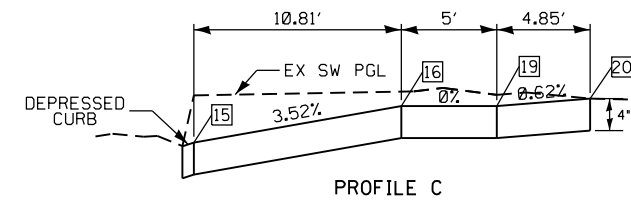
SCALE: 1"=5' SHEET 29 OF 46 SHEETS STA. 4+43.00 TO STA. 4+95.00

F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 112
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

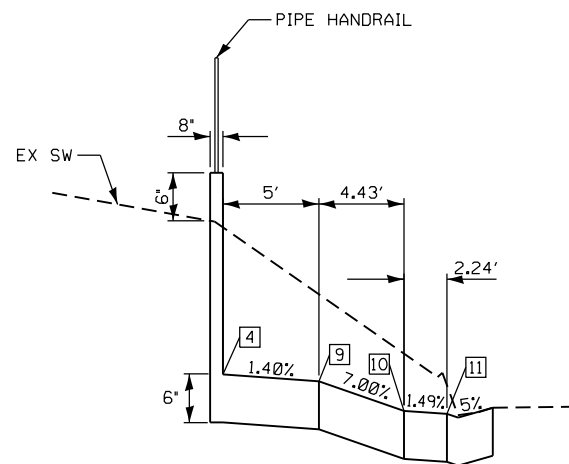
ADAMS STREET N.W. & N.E. QUADRANTS (PROFILES AND TYPICAL SECTIONS)



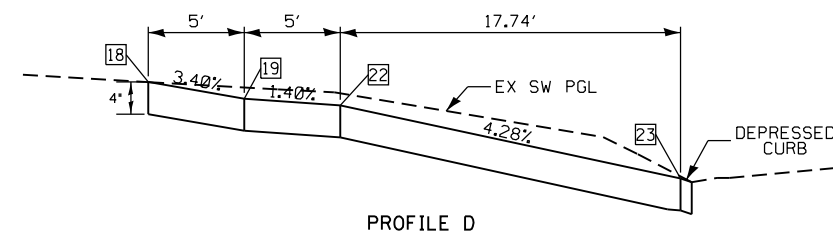
PROFILE A



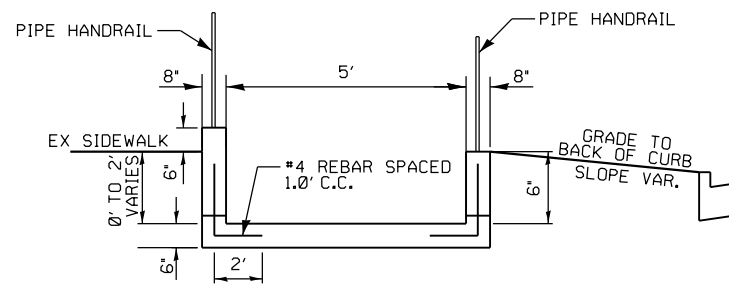
PROFILE C



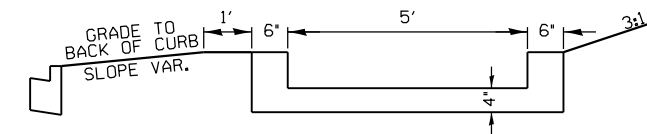
PROFILE B



PROFILE D



SECTION C-C



SECTION A-A
SECTION B-B

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 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackee	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC DETAILS
ADAMS STREET /N.W. & N.E. QUADRANTS
US 54 (NORTH JACKSON ST.)**

SCALE: 1"=5' SHEET 30 OF 46 SHEETS STA. 4+43.00 TO STA. 4+95.00

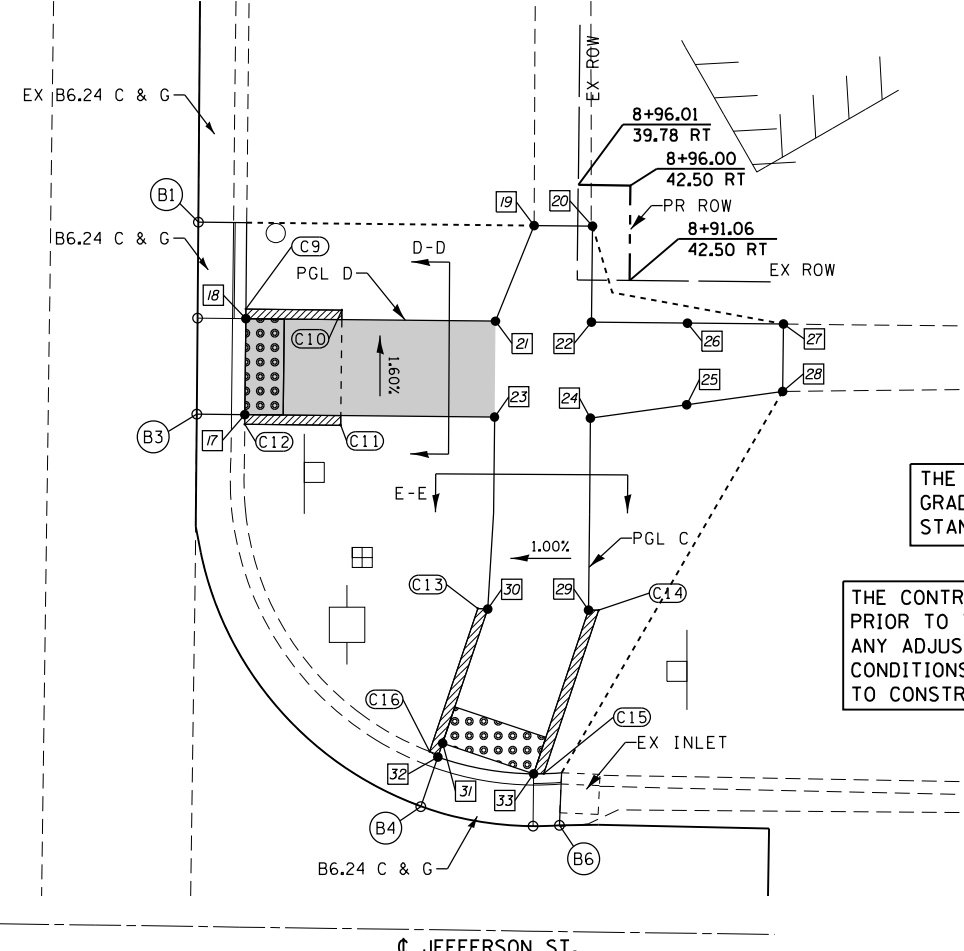
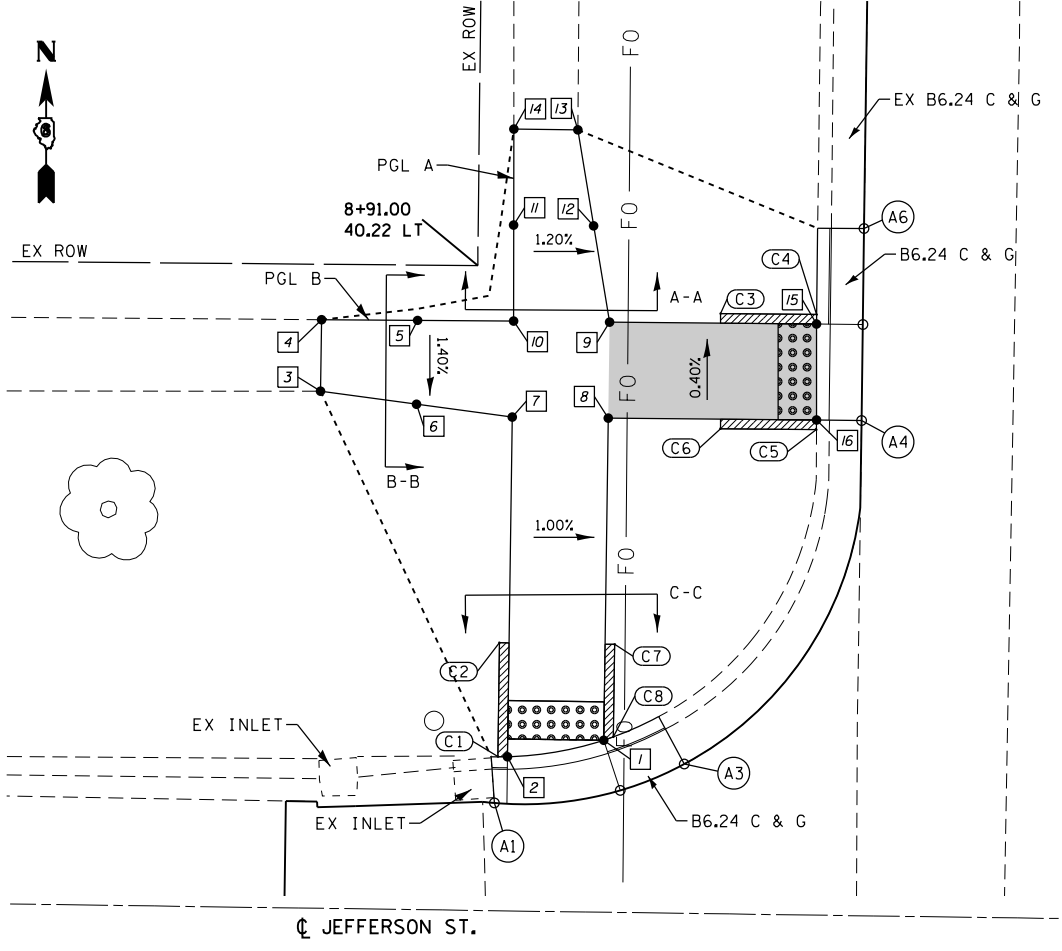
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	113
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

ADAMS STREET
SHEET 2 OF 3

JEFFERSON STREET N.W. & N.E. QUADRANTS

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

LEGEND	
	- DETECTABLE WARNINGS
	- SIDEWALK RAMP
	- SIDE CURB
	- SIDEWALK POINT NUMBER
	- EDGE OF PAVEMENT NUMBER
	- CURB POINT NUMBER
	- MATCH EXISTING ELEVATION
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- SLOPE LIMITS



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STA 8+49.08 (US 54/ N. JACKSON)
STA 10+00.00 (JEFFERSON ST.)

**SIDEWALK ELEVATIONS
N.W. QUADRANT**

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	8+66.35	33.41' LT	723.21
2	8+65.43	38.42' LT	723.27
3	8+84.37	48.34' LT	724.01 ▲
4	8+88.10	48.33' LT	724.00 ▲
5	8+88.12	43.33' LT	723.73
6	8+83.75	43.34' LT	723.66
7	8+83.13	38.35' LT	723.37
8	8+83.13	33.35' LT	723.34
9	8+88.13	33.33' LT	723.37
10	8+88.13	38.33' LT	723.45
11	8+93.13	38.37' LT	723.51
12	8+93.13	34.20' LT	723.45
13	8+98.13	35.08' LT	723.52 ▲
14	8+98.13	38.42' LT	723.57 ▲
15	8+88.13	22.54' LT	722.60
16	8+83.13	22.50' LT	722.67

**EDGE OF PAVEMENT ELEVATIONS – N.W. QUADRANT
US 54/JACKSON ST. – JEFFERSON ST.**

POINT	US 54/JACKSON ST.		JEFFERSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	8+63.01	39.07' LT	9+60.87	13.78' LT	723.26 ▲
A2	8+63.73	32.53' LT	9+67.41	14.53' LT	723.20
A3	8+65.14	29.20' LT	9+70.73	15.95' LT	722.95 ▲
A4	8+83.13	20.15' LT	9+79.72	33.97' LT	722.59 ▲
A5	8+88.13	20.13' LT	9+79.72	38.97' LT	722.51
A6	8+93.13	20.11' LT	9+79.72	43.97' LT	722.43 ▲

**EDGE OF PAVEMENT ELEVATIONS – N.E. QUADRANT
US 54/JACKSON ST. – JEFFERSON ST.**

POINT	US 54/JACKSON ST.		JEFFERSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	8+93.86	20.01' RT	10+19.84	44.86' LT	722.42 ▲
B2	8+88.86	20.01' RT	10+19.86	39.86' LT	722.54
B3	8+83.86	20.02' RT	10+19.89	34.86' LT	722.59 ▲
B4	8+63.54	31.91' RT	10+31.85	14.58' LT	723.04 ▲
B5	8+62.57	37.76' RT	10+37.70	13.64' LT	723.12
B6	8+62.63	39.14' RT	10+39.09	13.70' LT	723.19 ▲

**SIDEWALK ELEVATIONS
N.E. QUADRANT**

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
17	8+83.86	22.53' RT	722.54
18	8+88.86	21.84' RT	722.48
19	8+93.86	37.50' RT	723.48 ▲
20	8+93.86	40.54' RT	723.53 ▲
21	8+88.86	35.54' RT	723.40
22	8+88.86	40.54' RT	723.47
23	8+83.86	35.54' RT	723.46
24	8+83.86	40.54' RT	723.51
25	8+84.61	45.54' RT	723.72
26	8+88.86	45.54' RT	723.70
27	8+88.86	50.54' RT	723.92 ▲
28	8+85.36	50.54' RT	723.93 ▲
29	8+73.86	40.54' RT	723.27
30	8+73.86	35.28' RT	723.20
31	8+66.85	33.01' RT	722.99
32	8+66.13	32.77' RT	722.98
33	8+65.31	37.76' RT	723.06

**CURB ELEVATIONS – N.W./N.E. QUADRANT
US 54/JACKSON ST. – JEFFERSON ST.**

POINT	ELEVATION	CURB HEIGHT
C1	723.77	6"
C2	723.31	0"
C3	722.96	0"
C4	723.10	6"
C5	723.17	6"
C6	722.98	0"
C7	723.25	0"
C8	723.71	6"
C9	723.44	6"
C10	722.83	0"
C11	722.89	0"
C12	723.04	6"
C13	723.20	0"
C14	723.27	0"
C15	723.56	6"
C16	723.48	6"

JEFFERSON STREET S.W. & S.E. QUADRANTS

SIDEWALK ELEVATIONS S.W. QUADRANT

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	8+15.27	53.35' LT	725.39 ▲
2	8+12.35	53.36' LT	724.41 ▲
3	8+12.36	48.36' LT	725.10
4	8+16.32	48.35' LT	725.07
5	8+17.37	43.34' LT	724.75
6	8+12.37	43.36' LT	724.79
7	8+12.38	38.36' LT	724.48
8	8+12.40	33.36' LT	724.41
9	8+17.40	33.34' LT	724.37
10	8+17.38	38.34' LT	724.43
11	8+27.23	33.30' LT	723.77
12	8+27.21	38.30' LT	723.77
13	8+32.21	38.28' LT	723.44
14	8+32.86	38.28' LT	723.43
15	8+32.23	33.28' LT	723.47
16	8+17.42	27.65' LT	723.97
17	8+17.44	22.65' LT	723.61
18	8+12.44	22.65' LT	723.67
19	8+12.42	27.65' LT	724.02
20	8+07.40	33.36' LT	724.81
21	8+07.38	38.33' LT	724.87
22	8+02.38	38.34' LT	725.26
23	8+02.39	33.87' LT	725.21
24	7+97.39	34.40' LT	725.62 ▲
25	7+97.38	38.36' LT	725.65 ▲

SIDEWALK ELEVATIONS S.E. QUADRANT

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
26	8+31.83	33.60' RT	723.50
27	8+32.40	38.60' RT	723.44
28	8+31.85	38.60' RT	723.45
29	8+26.85	38.62' RT	723.75
30	8+26.83	33.62' RT	723.77
31	8+16.64	22.34' RT	723.53
32	8+11.64	22.36' RT	723.55
33	8+11.66	28.03' RT	723.90
34	8+16.67	28.00' RT	723.88
35	8+16.69	33.67' RT	724.33
36	8+11.69	33.69' RT	724.35
37	8+11.71	38.69' RT	724.43
38	8+16.71	38.67' RT	724.35
39	8+16.73	48.67' RT	725.32
40	8+11.73	48.69' RT	725.40
41	8+11.73	53.69' RT	725.88
42	8+16.20	53.67' RT	725.80
43	8+15.67	58.68' RT	726.28 ▲
44	8+11.74	58.69' RT	726.36 ▲
45	7+91.71	38.89' RT	726.26
46	7+91.66	33.89' RT	726.18
47	7+86.67	35.02' RT	726.65
48	7+86.71	38.94' RT	725.73
49	7+81.71	38.99' RT	727.18 ▲
50	7+81.68	36.15' RT	727.04 ▲

CURB ELEVATIONS – S.W./S.E. QUADRANT US 54 / JACKSON ST – JEFFERSON ST.

POINT	ELEVATION	CURB HEIGHT
C1	723.77	0"
C2	723.93	6"
C3	723.97	6"
C4	723.77	0"
C5	724.11	6"
C6	723.97	0"
C7	724.02	6"
C8	724.17	6"
C9	724.03	6"
C10	724.05	6"
C11	723.90	0"
C12	723.88	0"
C13	723.77	0"
C14	723.75	0"
C15	723.94	6"
C16	724.00	6"
C17	727.18	0"
C18	726.56	9"
C19	725.93	18"
C20	726.36	0"

EDGE OF PAVEMENT ELEVATIONS – S.W. QUADRANT US 54 / JACKSON ST. – JEFFERSON ST.

POINT	US 54/JACKSON ST.		JEFFERSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	8+35.31	40.79' LT	9+59.26	13.93' RT	723.52 ▲
A2	8+35.32	38.27' LT	9+61.78	13.91' RT	723.49
A3	8+34.46	32.57' LT	9+67.48	14.75' RT	723.50 ▲
A4	8+17.45	20.00' LT	9+80.13	31.71' RT	723.66 ▲
A5	8+12.45	20.00' LT	9+80.11	36.71' RT	723.74 ▲

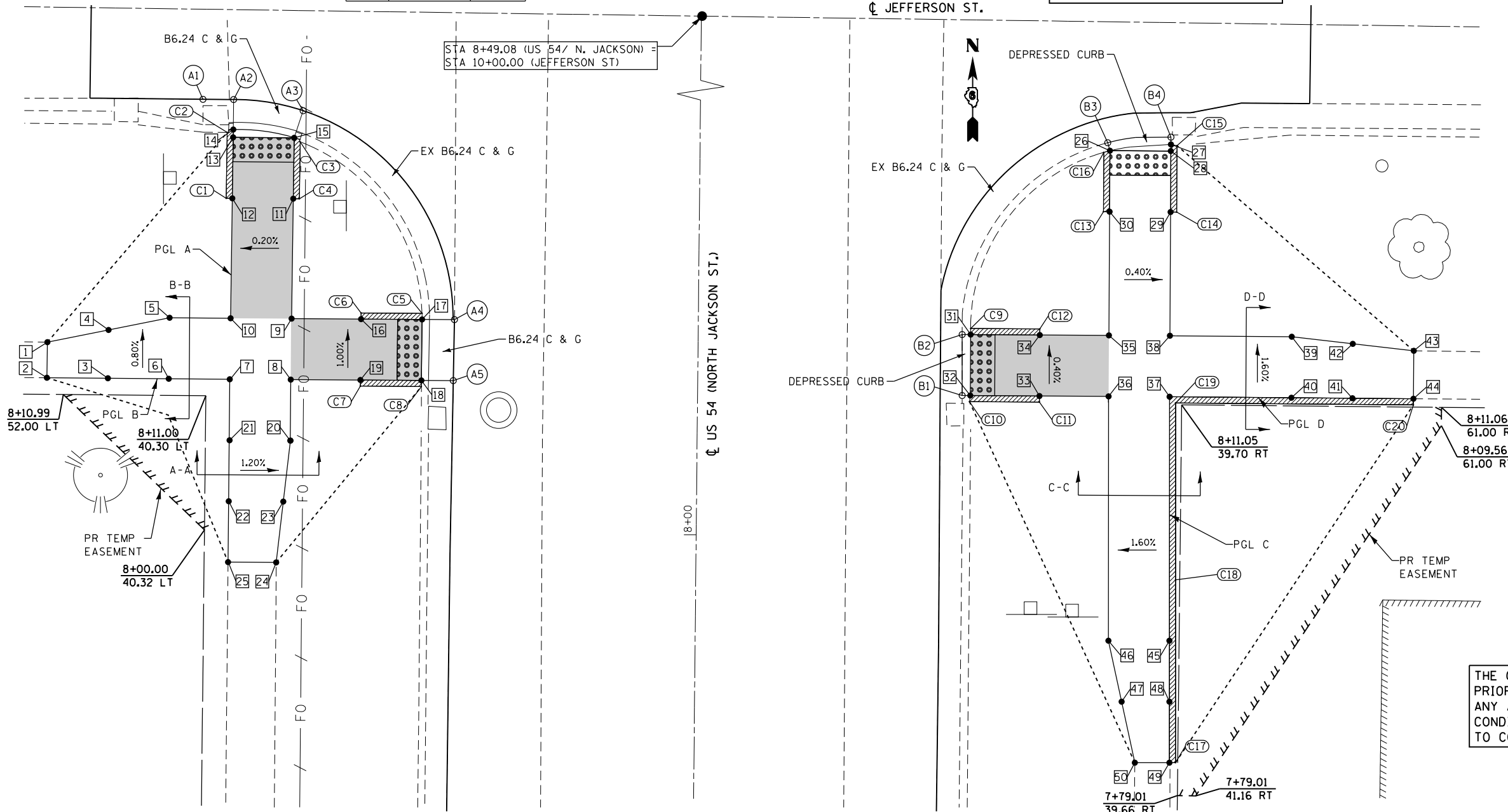
EDGE OF DEPRESSED CURB ELEVATIONS – S.E. QUADRANT US 54 / JACKSON ST. – JEFFERSON ST.

POINT	US 54/JACKSON ST.		JEFFERSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	8+11.64	21.69' RT	10+21.83	37.35' RT	723.51 ▲
B2	8+16.64	21.65' RT	10+21.77	32.35' RT	723.49 ▲
B3	8+32.49	33.42' RT	10+33.48	16.46' RT	723.46 ▲
B4	8+33.00	38.54' RT	10+38.60	15.93' RT	723.40 ▲

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

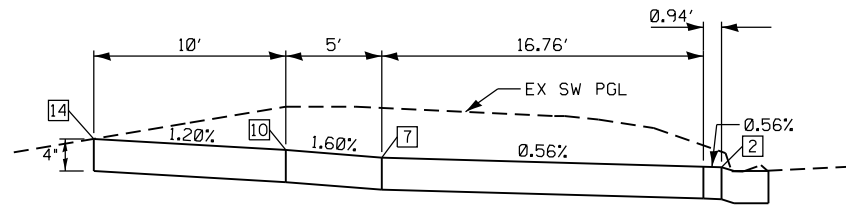
ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.



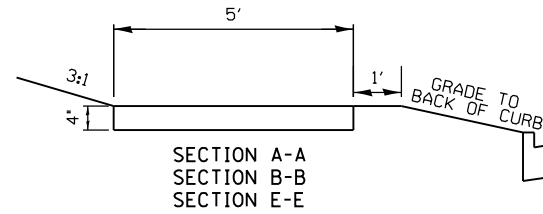
THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

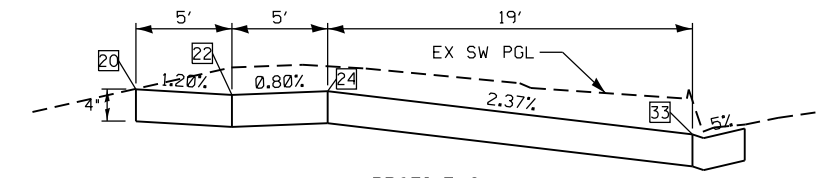
JEFFERSON STREET N.W. & N.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



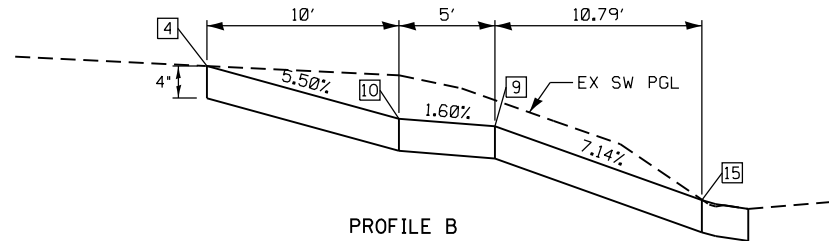
PROFILE A



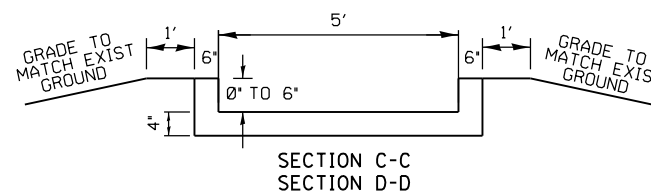
SECTION A-A
SECTION B-B
SECTION E-E



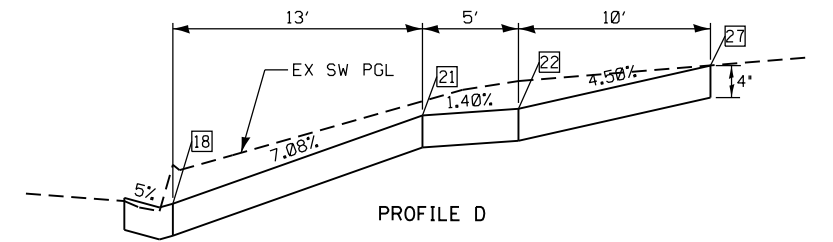
PROFILE C



PROFILE B

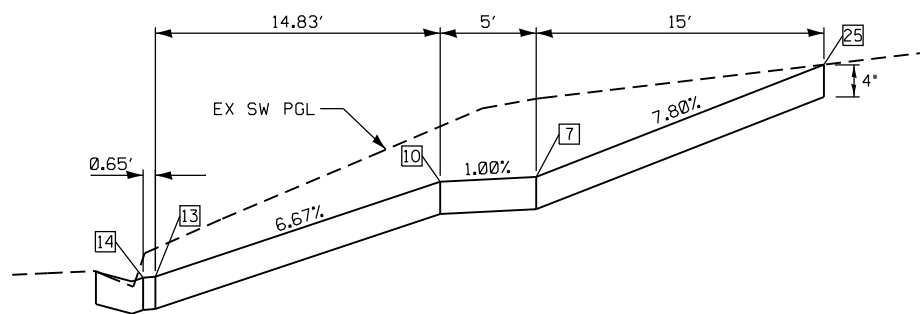


SECTION C-C
SECTION D-D

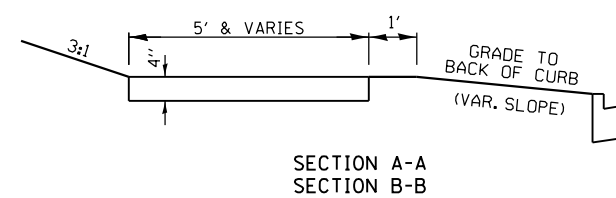


PROFILE D

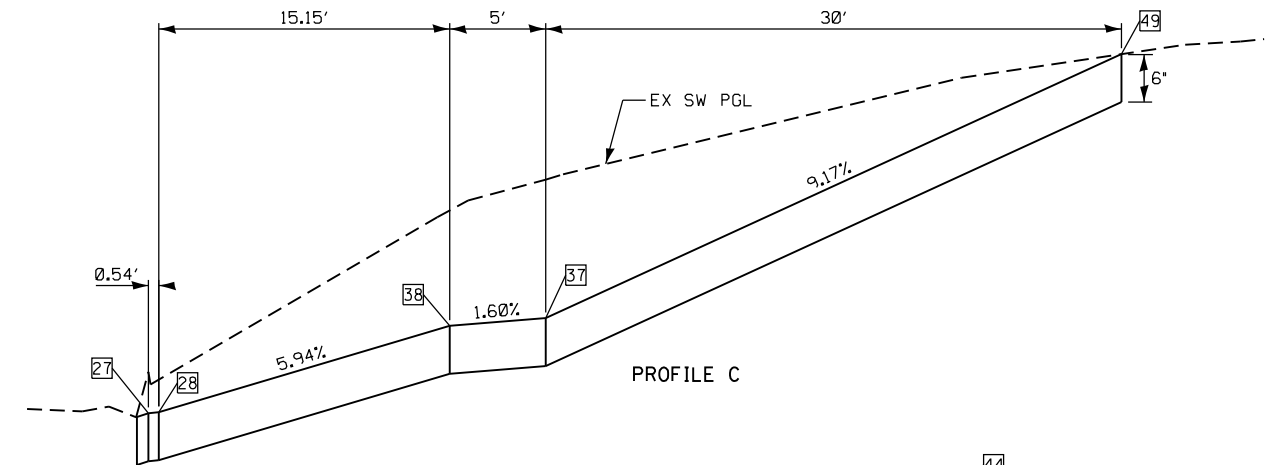
JEFFERSON STREET S.W. & S.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



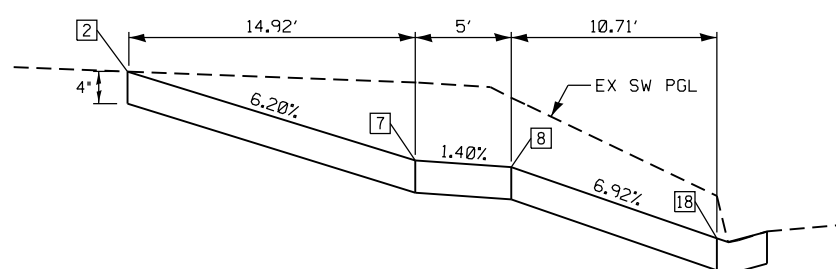
PROFILE A



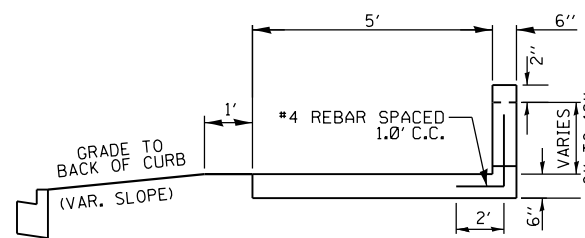
SECTION A-A
SECTION B-B



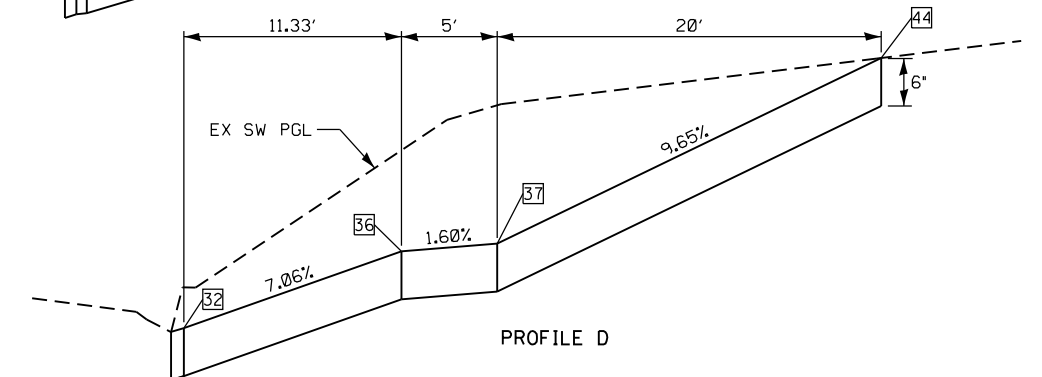
PROFILE C



PROFILE B



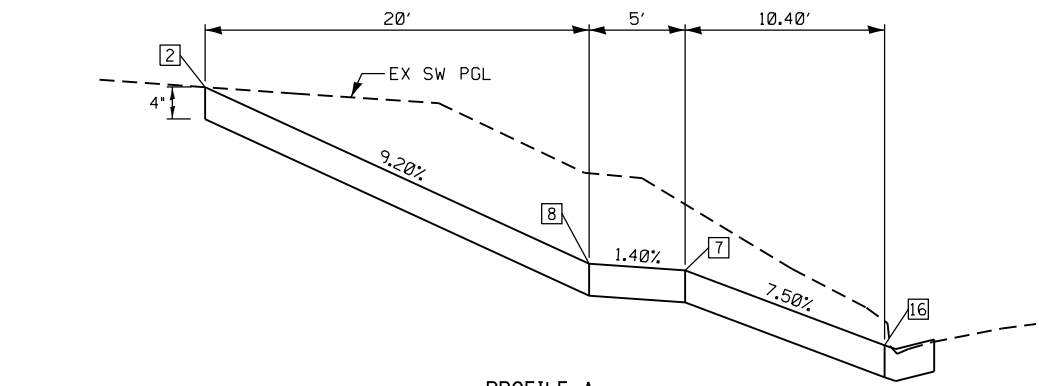
SECTION C-C
SECTION D-D



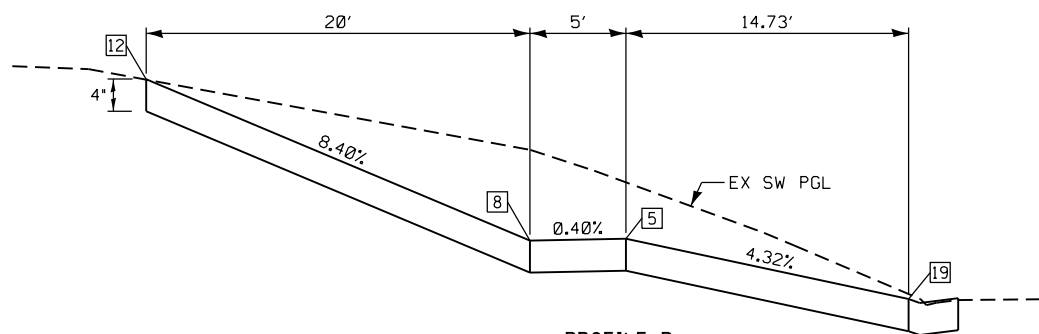
PROFILE D

JEFFERSON STREET
SHEET 3 OF 3

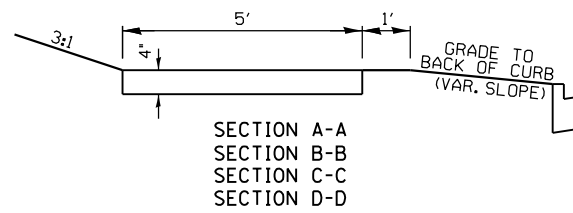
PERRY STREET N.W. & N.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



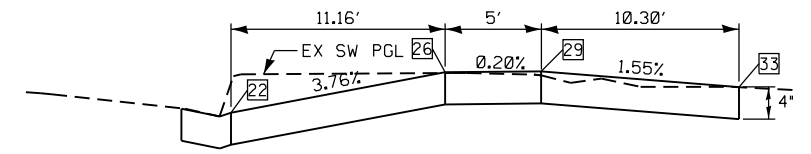
PROFILE A



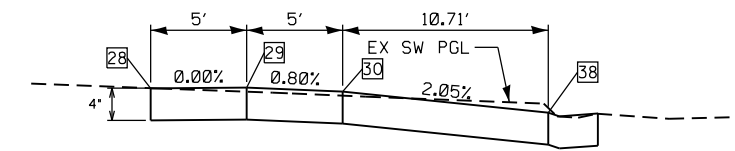
PROFILE B



SECTION A-A
SECTION B-B
SECTION C-C
SECTION D-D

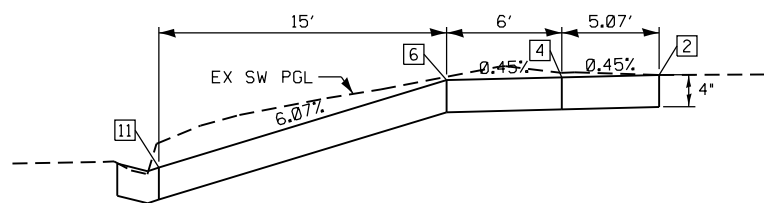


PROFILE C

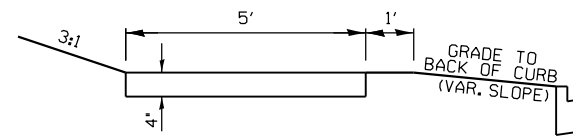


PROFILE D

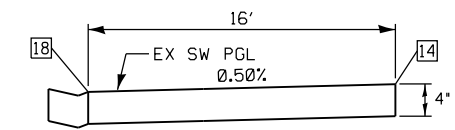
PERRY STREET S.W. & S.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



PROFILE A



SECTION A-A
SECTION B-B



PROFILE B

PERRY STREET
SHEET 3 OF 3

USER NAME = jackee	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

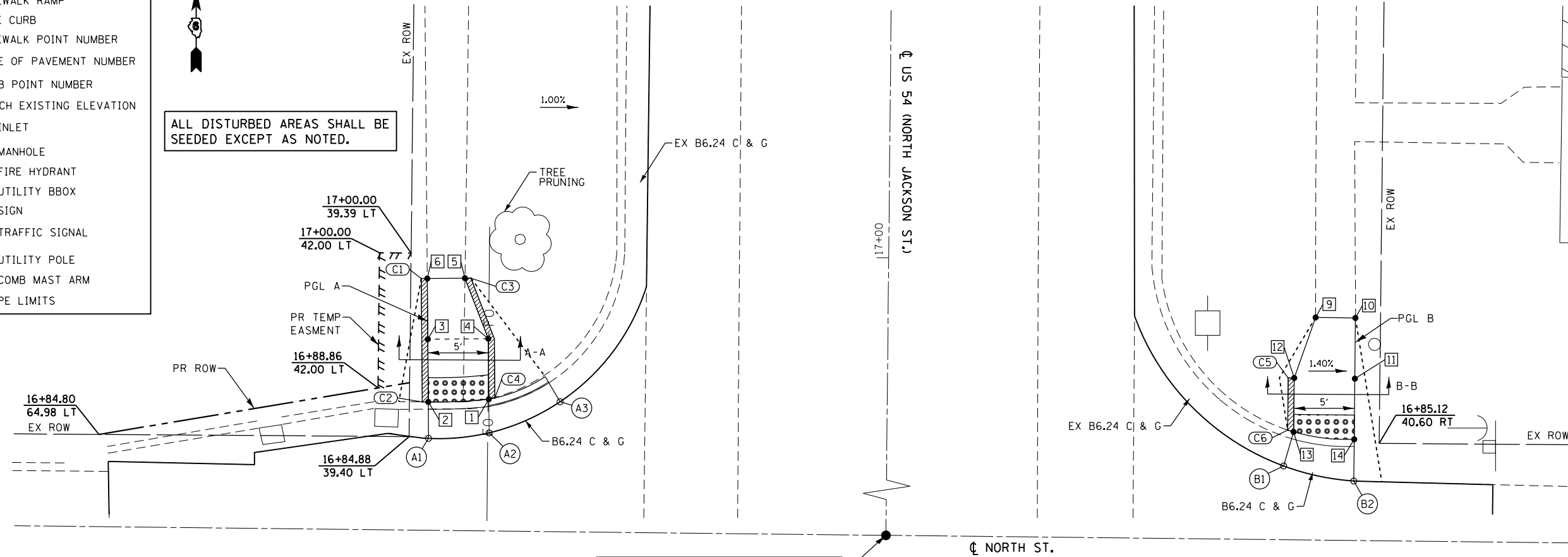
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	120
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

NORTH STREET N.W. & N.E. QUADRANT

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.



**SIDEWALK ELEVATIONS
NORTH ST. - N.W. QUADRANT**

POINT	US 54-NORTH ST.		ELEVATION
	STATION	OFFSET	
1	16+88.02	32.85' LT	715.95
2	16+87.75	37.85' LT	715.98
3	16+92.92	37.94' LT	716.07
4	16+93.01	32.94' LT	716.04
5	16+97.98	34.93' LT	716.29 ▲
6	16+97.92	38.03' LT	716.30 ▲

**CURB ELEVATIONS - N.W./N.E. QUADRANT
US 54 / JACKSON ST - NORTH ST.**

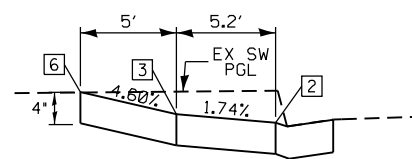
POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	716.30	0"
C2	716.48	6"
C3	716.07	0"
C4	716.45	6"
C5	714.64	0"
C6	715.22	6"

**SIDEWALK ELEVATIONS
NORTH ST. - N.E. QUADRANT**

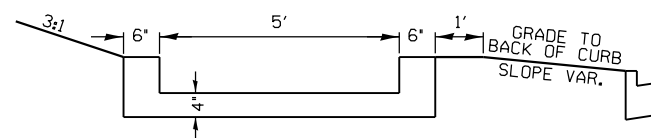
POINT	US 54-NORTH ST.		ELEVATION
	STATION	OFFSET	
9	16+95.44	35.26' RT	714.55 ▲
10	16+95.44	38.54' RT	714.46 ▲
11	16+90.44	38.54' RT	714.57
12	16+90.44	33.54' RT	714.64
13	16+85.99	33.54' RT	714.72
14	16+85.43	38.54' RT	714.68

**EDGE OF PAVEMENT ELEVATIONS - N.W./N.E. QUADRANT
US 54 / JACKSON ST. - NORTH ST.**

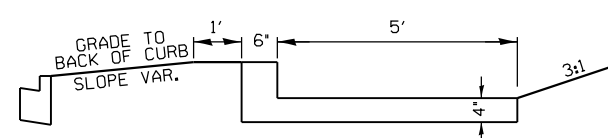
POINT	US 54/JACKSON ST.		NORTH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	16+84.74	37.80' LT	9+62.19	12.26' LT	716.01 ▲
A2	16+85.26	32.80' LT	9+67.18	12.78' LT	715.94
A3	16+87.87	26.99' LT	9+73.00	15.39' LT	715.72 ▲
B1	16+83.17	32.74' RT	10+32.73	10.76' LT	714.74 ▲
B2	16+82.00	38.54' RT	10+38.53	9.58' LT	714.63



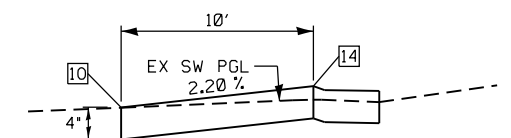
PROFILE A



SECTION A-A



SECTION B-B



PROFILE B

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

GRIGGSVILLE STREET S.W. & S.E. QUADRANTS

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

SIDEWALK ELEVATIONS S.W. QUADRANT

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	19+22.14	34.90' LT	716.03 Δ
2	19+22.15	37.84' LT	716.08 Δ
3	19+37.15	37.84' LT	715.06
4	19+37.14	32.84' LT	715.04
5	19+42.14	32.83' LT	714.97
6	19+42.15	37.83' LT	714.99
7	19+57.15	37.83' LT	713.93
8	19+57.86	37.83' LT	713.93
9	19+57.14	32.83' LT	713.91

CURB ELEVATIONS - S.W./S.E. QUADRANT US 54 / N. JACKSON ST. - GRIGGSVILLE ST.

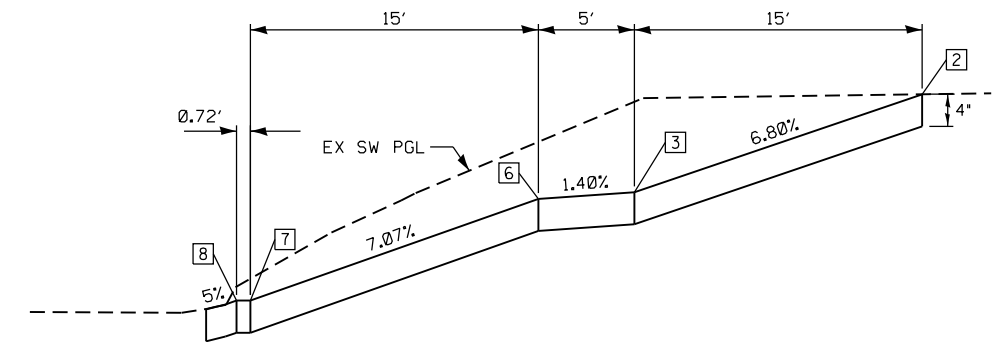
POINT	ELEVATION	CURB HEIGHT
C1	714.99	0"
C2	714.43	6"
C3	714.97	0"
C4	714.41	6"
C5	713.88	0"
C6	714.30	6"
C7	714.23	6"

SIDEWALK ELEVATIONS S.E. QUADRANT

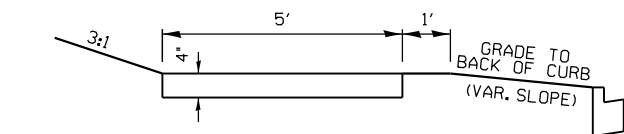
POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
10	19+55.67	33.49' RT	713.73
11	19+56.27	38.51' RT	713.67
12	19+55.57	38.49' RT	713.68
13	19+50.57	38.39' RT	713.82
14	19+50.67	33.39' RT	713.80
15	19+45.64	35.14' RT	713.88 Δ
16	19+45.57	38.29' RT	713.88 Δ

EDGE OF PAVEMENT ELEVATIONS - S.W./S.E. QUADRANT US 54 / N. JACKSON ST. - GRIGGSVILLE ST.

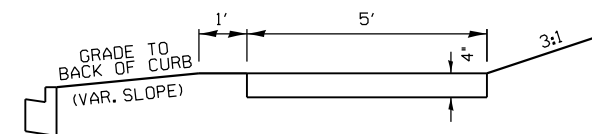
POINT	US 54/JACKSON ST.		GRIGGSVILLE ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	19+59.36	40.83' LT	9+58.81	13.90' RT	713.86 Δ
A2	19+59.45	37.83' LT	9+61.81	13.89' RT	713.84 Δ
A3	19+58.62	32.37' LT	9+67.24	14.86' RT	713.82 Δ
A4	19+57.38	29.30' LT	9+70.28	16.18' RT	713.79 Δ
B1	19+58.25	32.74' RT	10+32.69	10.90' RT	713.76 Δ
B2	19+58.85	38.56' RT	10+38.47	10.32' RT	713.67 Δ



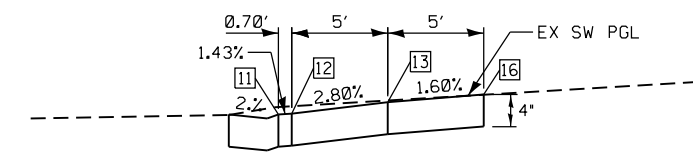
PROFILE A



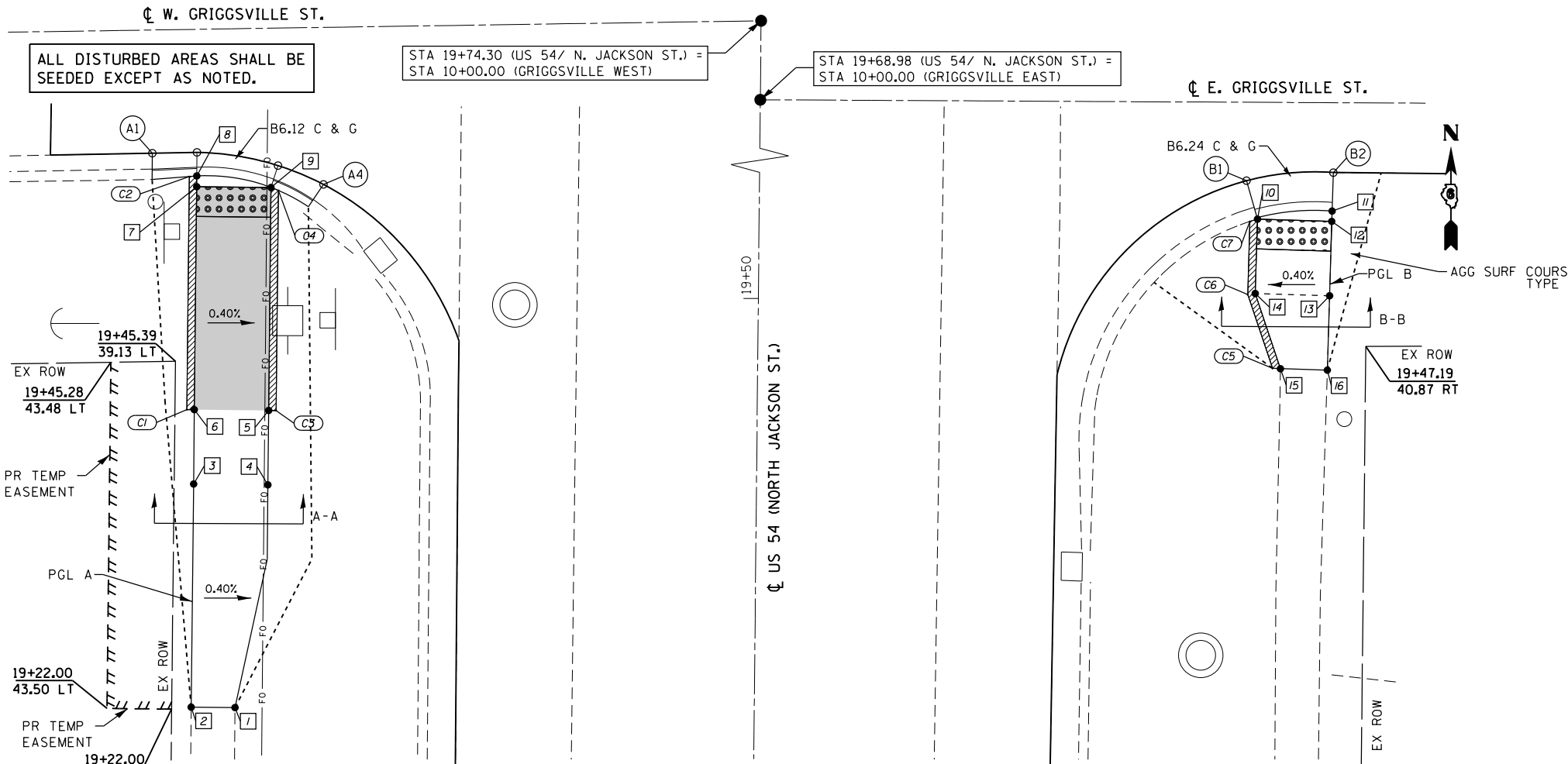
SECTION A-A



SECTION B-B



PROFILE B



GRIGGSVILLE STREET
SHEET 2 OF 2

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

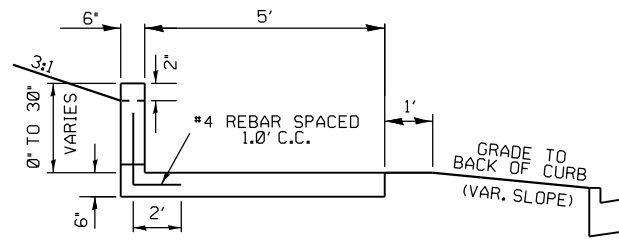
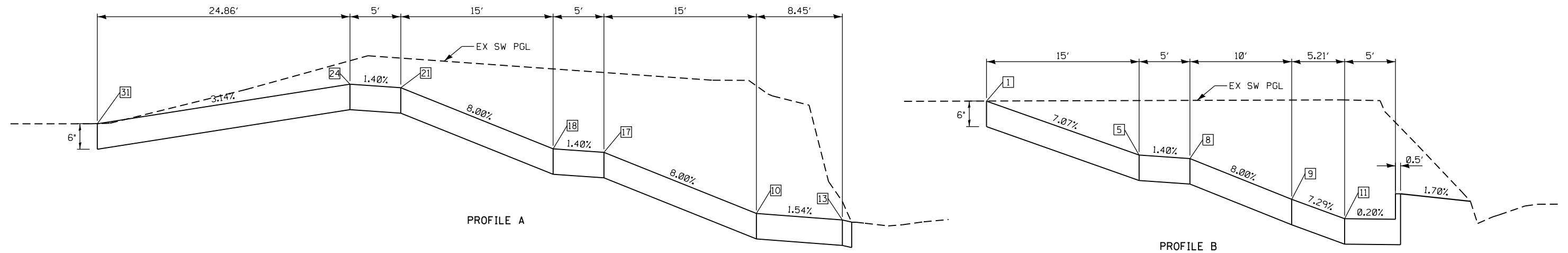
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS
GRIGGSVILLE STREET /S.W. & S.E. QUADRANTS
US 54 (NORTH JACKSON ST.)

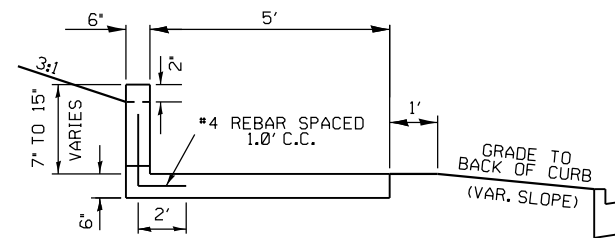
SCALE: 1"=5' SHEET 41 OF 46 SHEETS STA. 19+22.00 TO STA. 19+59.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	124
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

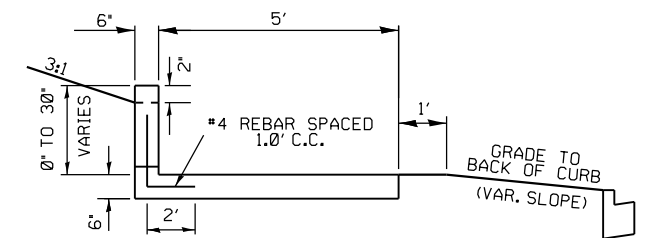
BENSON STREET N.W. QUADRANT PROFILES AND TYPICAL SECTIONS



SECTION A-A



SECTION B-B



SECTION C-C

CURBS SHALL BE ADJUSTED IN FIELD
TO PROVIDE POSITIVE DRAINAGE.

BENSON STREET
SHEET 2 OF 4

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackca	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC DETAILS
BENSON STREET / N.W. QUADRANT
US 54 (NORTH JACKSON ST.)**

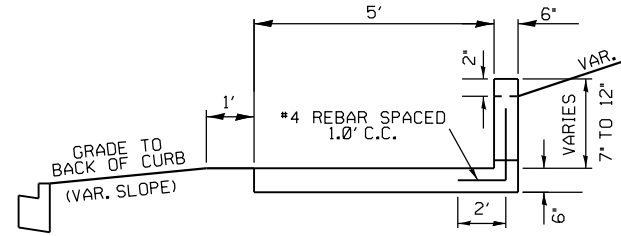
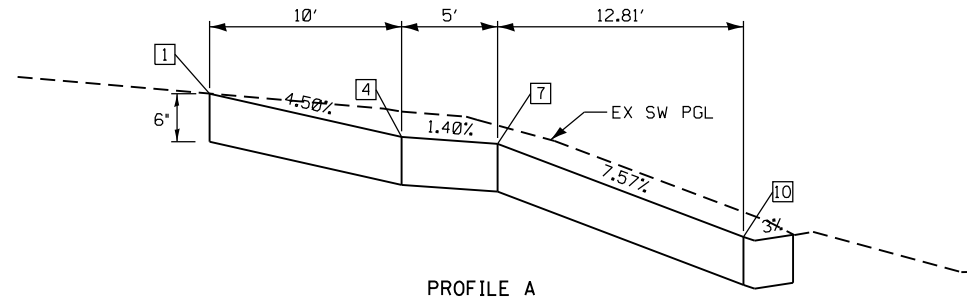
SCALE: 1"=5' SHEET 44 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	127
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

BENSON STREET N.E. QUADRANT

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS



**CURB ELEVATIONS – N.E. QUADRANT
US 54 / N. JACKSON ST. – BENSON ST.**

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	719.20	±7"
C2	719.20	12"
C3	718.15	±8"
C4	718.13	0"
C5	717.66	6"
C6	717.71	6"
C7	718.18	0"
C8	717.04	6"

**SIDEWALK ELEVATIONS
N.E. QUADRANT**

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	26+88.15	38.09' RT	718.65
2	26+88.11	34.12' RT	718.67
3	26+78.10	33.17' RT	718.25
4	26+78.15	38.17' RT	718.20
5	26+78.25	48.17' RT	718.15
6	26+74.91	48.21' RT	718.12
7	26+73.15	38.21' RT	718.13
8	26+73.10	33.21' RT	718.18
9	26+60.80	33.32' RT	717.21
10	26+60.34	38.32' RT	717.16

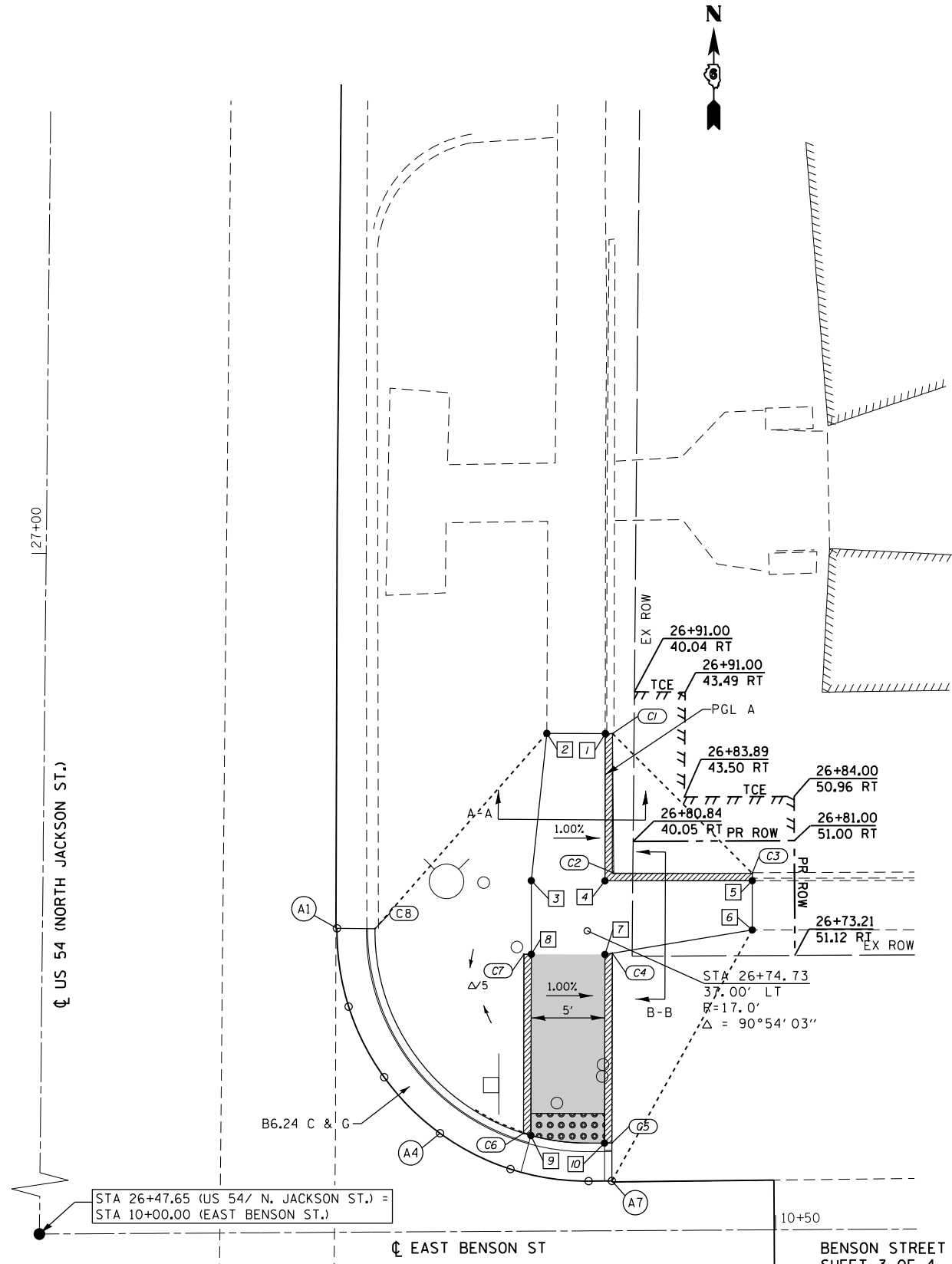
**EDGE OF PAVEMENT ELEVATIONS – N.E. QUADRANT
US 54 / N. JACKSON ST. – BENSON ST.**

POINT	US 54/JACKSON ST.		BENSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	26+74.73	20.00' RT	10+20.42	26.77' LT	716.86
A2	26+69.43	20.85' RT	10+21.19	21.45' LT	716.95
A3	26+64.66	23.31' RT	10+23.57	16.64' LT	715.05
A4	26+60.89	27.14' RT	10+27.34	12.81' LT	717.14
A5	26+58.50	31.95' RT	10+32.12	10.35' LT	717.23
A6	26+57.74	37.27' RT	10+37.42	9.50' LT	717.19
A7	26+57.76	38.84' RT	10+39.00	9.50' LT	717.18

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



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KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223-3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackca	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS
 BENSON STREET /N.E. QUADRANT
 US 54 (NORTH JACKSON ST.)
 SCALE: 1"=5' SHEET 45 OF 46 SHEETS STA. 26+47.00 TO STA. 27+26.00

F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 128
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

BENSON STREET
SHEET 3 OF 4

BENSON STREET S.W. & S.E. QUADRANTS

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

CURBS SHALL BE ADJUSTED IN FIELD TO PROVIDE POSITIVE DRAINAGE.

- LEGEND**
- DETECTABLE WARNINGS
 - SIDEWALK RAMP
 - SIDE CURB
 - SIDEWALK POINT NUMBER
 - EDGE OF PAVEMENT NUMBER
 - CURB POINT NUMBER
 - MATCH EXISTING ELEVATION
 - EX INLET
 - EX MANHOLE
 - EX FIRE HYDRANT
 - EX UTILITY BBOX
 - EX SIGN
 - EX TRAFFIC SIGNAL
 - EX UTILITY POLE
 - EX COMB MAST ARM
 - SLOPE LIMITS

**CURB ELEVATIONS - S.W./S.E. QUADRANT
US 54 / N. JACKSON ST. - BENSON ST.**

POINT	ELEVATION	CURB HEIGHT
C1	718.78	0"
C2	718.93	3"
C3	718.93	4"
C4	718.98	9"
C5	719.11	15"
C6	719.16	20"
C7	719.08	20"
C8	717.41	6"
C9	717.46	6"
C10	717.83	6"
C11	717.45	6"
C12	717.39	6"
C13	718.41	12"
C14	718.61	10"
C15	718.65	6"
C16	718.52	0"
C17	717.50	6"
C18	717.43	6"
C19	717.45	6"
C20	717.56	6"
C21	717.38	6"

**SIDEWALK ELEVATIONS
S.W. QUADRANT**

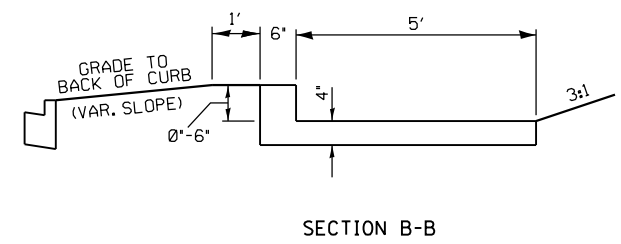
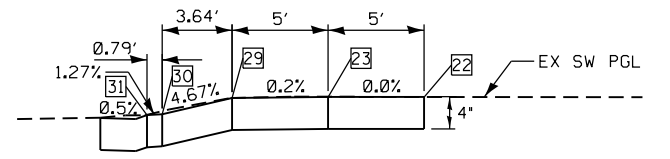
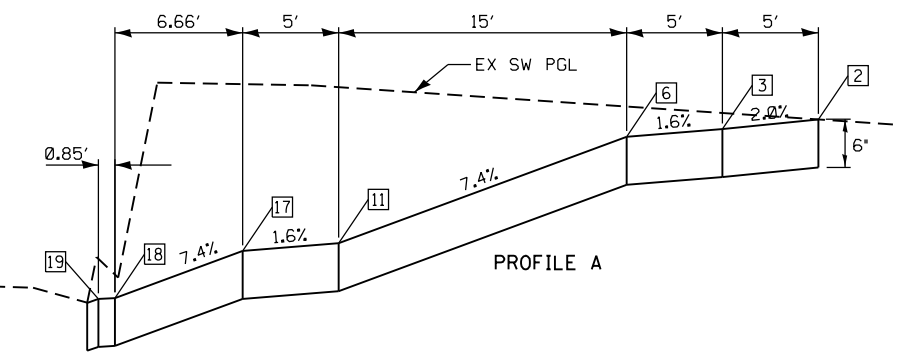
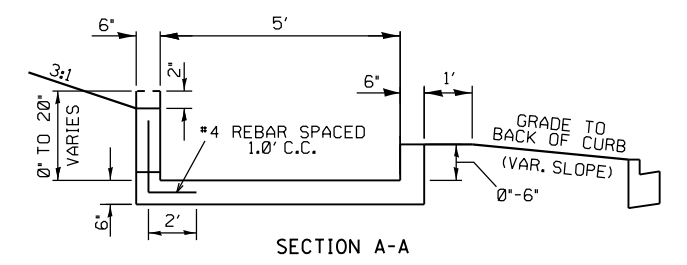
POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	26+00.87	33.68' LT	718.64
2	26+00.85	36.86' LT	718.78
3	26+05.85	36.90' LT	718.68
4	26+05.89	31.90' LT	718.60
5	26+10.89	31.94' LT	718.52
6	26+10.85	36.94' LT	718.60
7	26+15.85	36.97' LT	718.23
8	26+15.89	31.97' LT	718.15
9	26+20.89	32.01' LT	717.78
10	26+20.85	37.01' LT	717.86
11	26+25.85	37.04' LT	717.49
12	26+25.89	32.03' LT	717.41
13	26+25.97	24.34' LT	716.90
14	26+25.99	22.67' LT	716.89
15	26+30.97	24.39' LT	716.95
16	26+30.89	32.08' LT	717.33
17	26+30.85	37.08' LT	717.41
18	26+37.41	37.13' LT	716.92
19	26+38.37	37.13' LT	716.91
20	26+37.44	32.13' LT	716.96

**EDGE OF PAVEMENT ELEVATIONS - S.W./S.E. QUADRANT
US 54 / N. JACKSON ST. - BENSON ST.**

POINT	US 54/JACKSON ST.		BENSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	26+38.96	37.14' LT	9+62.37	14.33' RT	716.87
A2	26+37.99	31.89' LT	9+67.58	15.47' RT	716.92
A3	26+31.26	23.87' LT	9+75.37	22.46' RT	716.91
A4	26+25.99	21.99' LT	9+77.08	27.79' RT	716.85
B1	26+26.47	22.96' RT	10+22.62	21.54' RT	716.89
B2	26+32.00	26.61' RT	10+26.36	16.07' RT	716.91
B4	26+37.63	32.04' RT	10+31.88	10.52' RT	716.89
B5	26+38.50	37.84' RT	10+37.69	9.75' RT	716.83

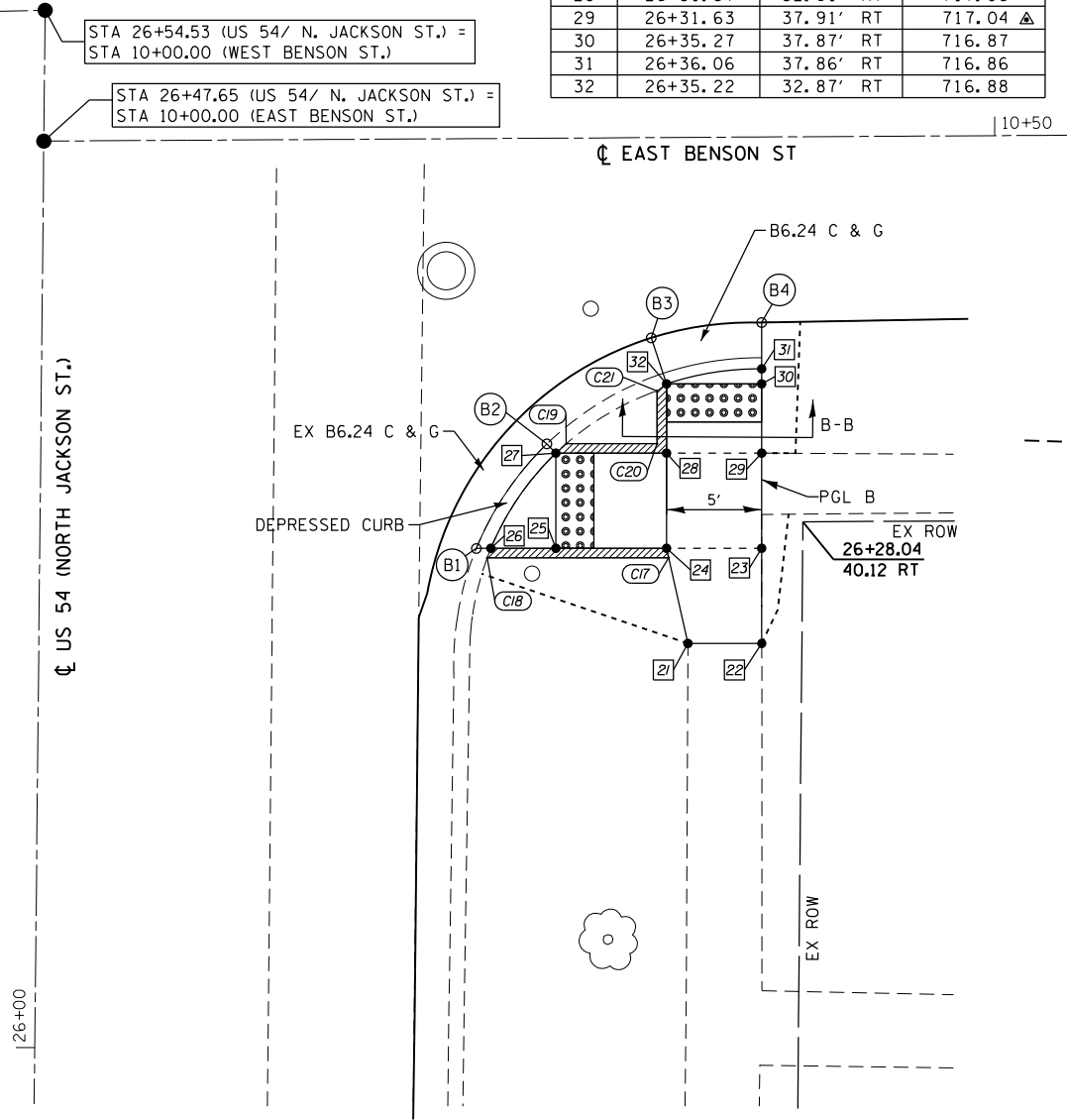
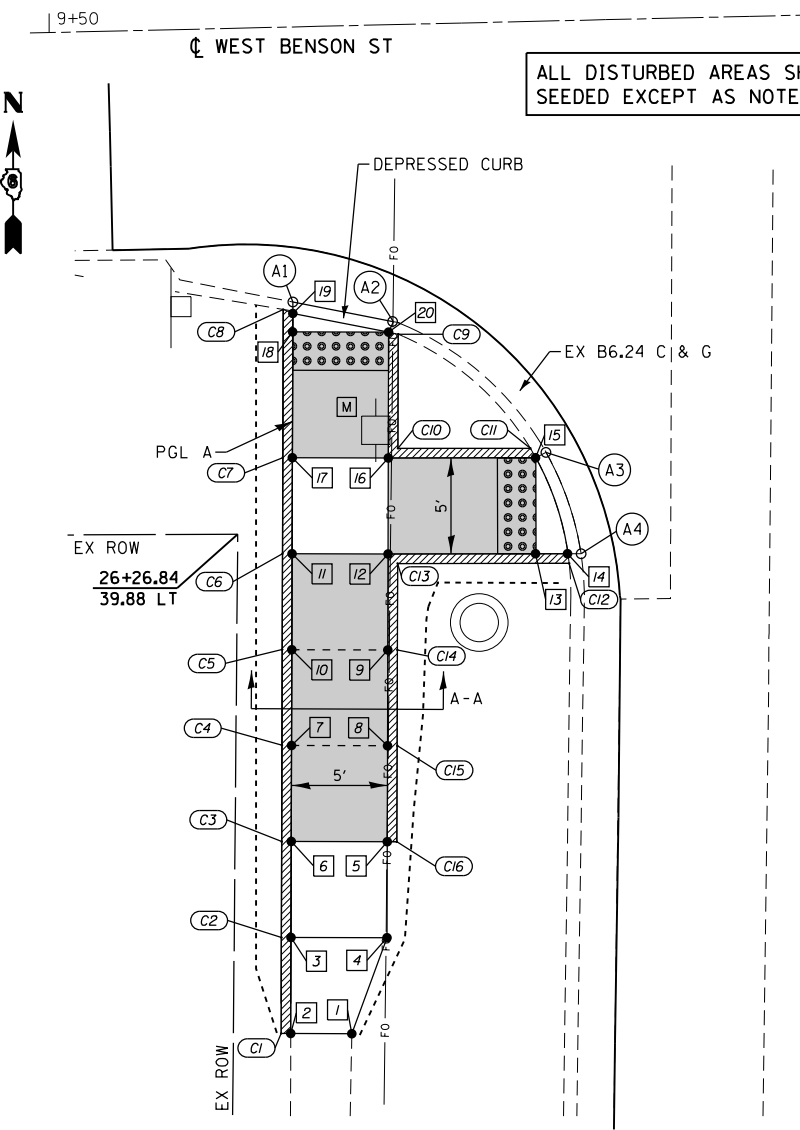
**SIDEWALK ELEVATIONS
S.E. QUADRANT**

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
21	26+21.59	34.13' RT	717.05
22	26+21.63	38.02' RT	717.05
23	26+26.63	37.97' RT	717.05
24	26+26.57	32.97' RT	717.00
25	26+26.51	27.14' RT	716.95
26	26+26.48	23.73' RT	716.93
27	23+31.51	27.09' RT	716.95
28	26+31.57	32.91' RT	717.06
29	26+31.63	37.91' RT	717.04
30	26+35.27	37.87' RT	716.87
31	26+36.06	37.86' RT	716.86
32	26+35.22	32.87' RT	716.88



REV. 1-7-2020

BENSON STREET
SHEET 4 OF 4



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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cds
PLOT SCALE = 10.0000' / 1" IN.
PLOT DATE = 12/19/2019

DESIGNED -
DRAWN -
CHECKED -
DATE -

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REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS
BENSON STREET /S.W. & S.E. QUADRANTS
US 54 (NORTH JACKSON ST.)

SCALE: 1"=5' SHEET 46 OF 46 SHEETS STA. 26+00.00 TO STA. 26+54.53

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	129

CONTRACT NO. 72H83
ILLINOIS FED. AID PROJECT

TRAFFIC SIGNAL PLAN LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
ALUMINUM MAST ARM ASSEMBLY AND POLE			
STEEL MAST ARM ASSEMBLY AND POLE			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			
SIGNAL POST			
CONTROLLER CABINET			
MASTER CONTROLLER			
RAILROAD CONTROLLER			
UNINTERRUPTABLE POWER SUPPLY			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM			
TEMPORARY WOOD POLE W/ GUY			
SERVICE INSTALLATION (P) POLE OR (G) GROUND MOUNT			
TEMPORARY SIGNAL HEAD			
SIGNAL HEAD (NUMBER INDICATE NUMBER OF SECTIONS)			
SIGNAL HEAD WITH BACKPLATE			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN PUSH-BUTTON DETECTOR			
ACCESSIBLE PEDESTRIAN PUSH-BUTTON DETECTOR			
PRIORITY VEHICLE DETECTOR			
CONFORMATION BEACON			
VIDEO DETECTOR SYSTEM			
HANDHOLE			
DOUBLE HANDHOLE			
HEAVY DUTY HANDHOLE			
JUNCTION BOX			
GULFBOX JUNCTION			
CONDUIT SPLICE			

ITEM	REMOVAL	EXISTING	PROPOSED
DETECTOR LOOP LARGE			
DETECTOR LOOP SMALL			
QUADRAPOLE DETECTOR LOOP			
DIRECT CONNECTED LOOP LEAD-IN (TWISTED)			
UNDERGROUND CONDUIT (UC)			

LENGTH - CONSTRUCTION (T=TRENCH, P=PUSHED, A=AGUERED, E= EXISTING)
 SIZE - TYPE (S=STEEL, P=PVC, F=FIBER DUCT, U=UNI-DUCT)

15'-UC
3" PVC

TRAFFIC SIGNAL DETAIL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
SIGNAL SECTION - SOLID RED			
SIGNAL SECTION - SOLID YELLOW			
SIGNAL SECTION - SOLID GREEN			
SIGNAL SECTION - RED TURN ARROW			
SIGNAL SECTION - YELLOW TURN ARROW			
SIGNAL SECTION - FLASHING YELLOW ARROW			
SIGNAL SECTION - GREEN TURN ARROW			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN SIGNAL HEAD W/ COUNTDOWN TIMER			
TRAFFIC SIGNAL BACKPLATE			
SIGNAL SECTION WITH LOUVRE			
SIGNAL SECTION WITH DUAL INDICATION			
ELECTRIC CABLE (NUMBER INDICATES NUMBER OF CONDUCTORS)			
ELECTRIC CABLE IDENTIFIER TAPE CODES (R=RED, W=WHITE, Y=YELLOW, G=GREEN, B=BLUE, O=ORANGE, V=VIOLET, P=PINK)			
DETECTOR LOOP			
QUADRAPOLE DETECTOR LOOP			

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USER NAME = jackca	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE -	REVISED -

F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 130
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

OVERALL SUMMARY OF QUANTITIES: US 54, PITTSFIELD

EX TRAFFIC SIGNALS & REMOVAL NOTES:

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION PURPOSES ONLY;
2. THE REMOVAL OF LUMINAIRES LOCATION ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF THE LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY;
3. ALL REMOVED TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF CONTRACTOR;
4. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL." SEE SIGN SCHEDULE FOR QUANTITIES;
5. EXISTING CONDUITS AND ELECTRIC CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLES AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRIC CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLE AND REMOVE EXISTING CONCRETE FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

TEMPORARY TRAFFIC SIGNAL NOTES

1. TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES;
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS;
3. TEMPORARY POLES SHALL BE BURIED OR ANCHORED TO THE SATISFACTION OF THE ENGINEER. ANY ADJUSTMENT SHALL BE CONSIDERED PART OF THE PAY ITEM FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION;"
4. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS;
5. THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM SHALL BE UTILIZED IN CONJUNCTION WITH THE TEMPORARY TRAFFIC SIGNALS. ONCE THE PROPOSED TRAFFIC SIGNALS AND EQUIPMENT ARE OPERATIONAL, THE VIDEO VEHICLE DETECTION SYSTEM SHALL BE RELOCATED TO THE MAST ARM LOCATIONS ARE DESIGNATED IN THE PLANS. THIS WORK SHALL BE PAID FOR, PER INTERSECTION, AS "RELOCATE VIDEO VEHICLE DETECTION SYSTEM;"
6. EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS

PR TRAFFIC SIGNAL NOTES

1. UTILITY INFORMATION SHOWN ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF THE VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TY A, C & E;"
2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON;
3. WHEN TRANSITIONING FROM TEMPORARY TO PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY;
4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS;
5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

PAYITEM NO.	ITEM	UNIT	TOTAL QUANTITY	INTERCONNECT QUANTITY	SHETLAND QUANTITY	FRANKLIN QUANTITY	MEMORIAL QUANTITY	MADISON QUANAITY	JACKSON QUANTITY
80500100	SERVICE INSTALLATION, TYPE A	EACH	4		1		1	1	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	7459	6531	67	40	363	216	242
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	188		57		37		94
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	435		112		96	123	104
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	266		62		82	10	112
81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	132					75	57
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	113		10		14	77	12
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	12		3		3	3	3
81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	4		1		1	1	1
81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	20	20					
81500130	GULFBOX JUNCTION REMOVAL	EACH	8	1	4	3			
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	7224		1125		2472	1209	2418
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	14		2		4	4	4
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5		1	1	1	1	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	4		1		1	1	
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	5		1	1	1	1	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 3C	FOOT	534				403	131	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C	FOOT	9010		1240	819	2605	1964	2382
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7C	FOOT	773		197		328		248
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 9C	FOOT	1353		72		291	193	797
87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 12C	FOOT	382					382	
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18, 3 PAIR	FOOT	3976		623	709	842	938	864
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6, 2 C	FOOT	691		54		221	203	213
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUND CONDUCTOR, NO.6, 1C	FOOT	1894		317	361	407	387	422
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	7		2		2	2	1
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	7		1		2	1	3
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	9			4	1	3	1
87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	2		1				1
87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	3		1		2		
87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1				1		
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	2		1		1		
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1						1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1						1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1						1
87704319	STEEL COMBO MA ASSEMBLY AND POLE WITH DUAL MAST ARMS, 20' & 54'	EACH	1					1	
87704519	STEEL COMBO MA ASSEMBLY AND POLE WITH DUAL MAST ARMS, 48' & 36'	EACH	1					1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	42		9		12	9	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	14		3.5		3.5	3.5	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	95.5		34		48		13.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	78					34	44
87900200	DRILL EXISTING HANDHOLE	EACH	6	2		4			
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BM	EACH	10		2		2	2	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MM	EACH	19		4	2	4	5	4
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BM	EACH	2			2			
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MM	EACH	9		1	2	2	1	3
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BM	EACH	5		1		2	1	1
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SEC, 1-4 SECTION, BM	EACH	7		1		2	1	3
88040355	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 3-SECTION, BM	EACH	1					1	
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH CDT	EACH	16			4	4	4	4
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	75		10	15	16	15	19
88800100	PEDESTRIAN PUSH-BUTTON	EACH	32			8	8	8	8
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3				1	1	1
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	4		1		1	1	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1			1			
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1			1			
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	142		15	20	45	32	30
89502380	REMOVE EXISTING HANDHOLE	EACH	16	4	3		3	3	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1				1		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	32		6		9	9	8
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	4		1		1	1	1
X0326266	ETHERNET SWITCH	EACH	5		1	1	1	1	1
X0326812	CAT 5 ETHERNET CABLE	FOOT	100		20	20	20	20	20
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	4		1		1	1	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	7671	7671					
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	19		3	4	4	4	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	5		1	1	1	1	1

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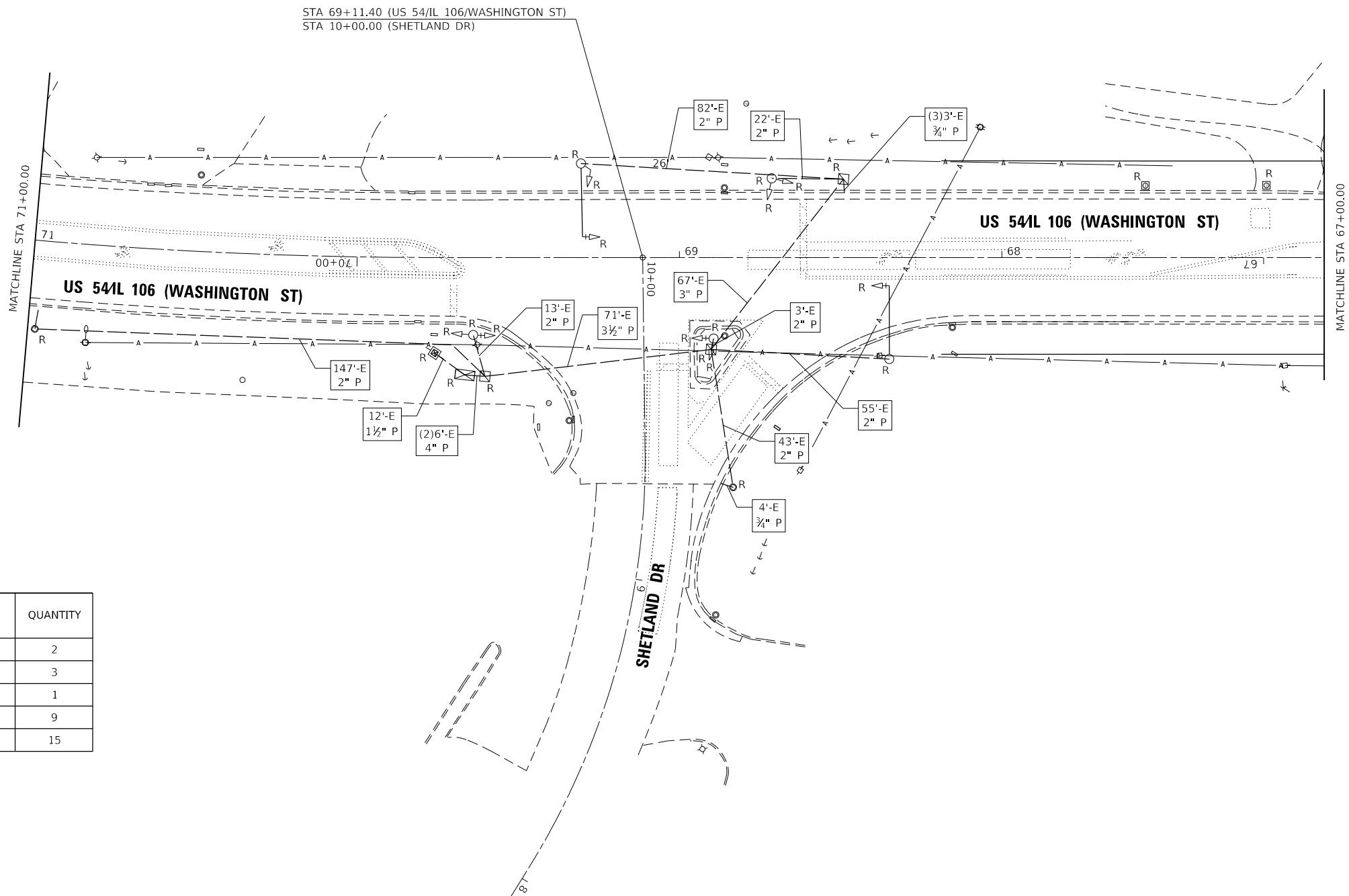
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	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL
GENERAL NOTES & SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	131
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

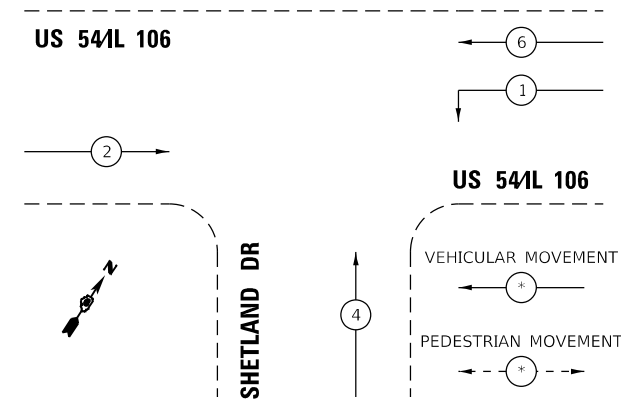
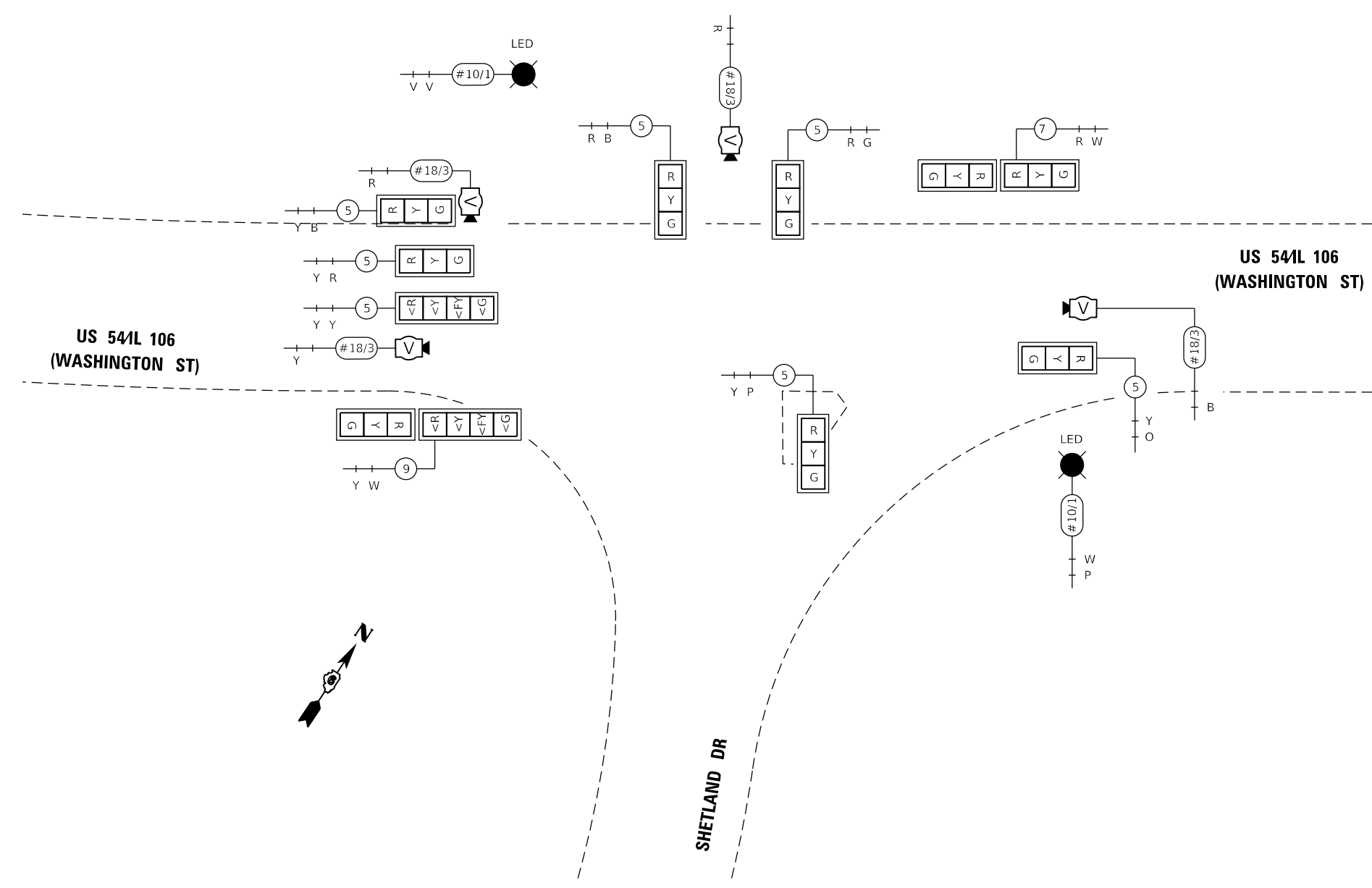


REMOVAL SCHEDULE: SHETLAND

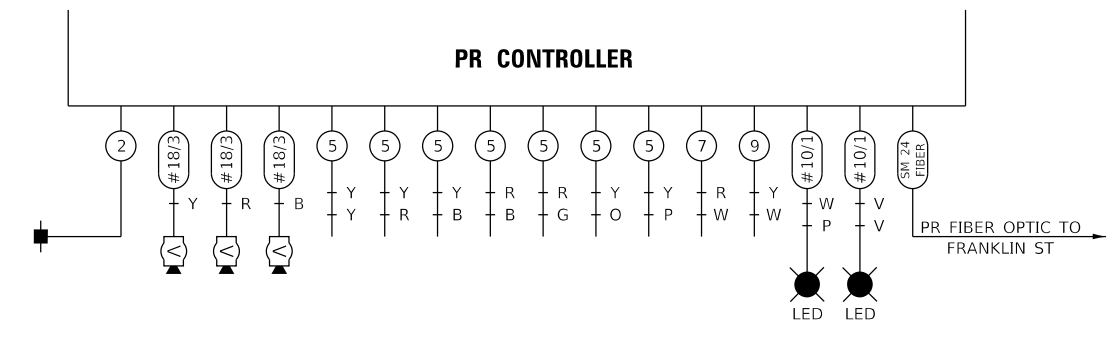
ITEM TO BE REMOVED	QUANTITY
MAST ARM ASSEMBLY AND POLE	2
SIGNAL POST	3
TRAFFIC SIGNAL CABINET	1
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	9
TOTAL:	15

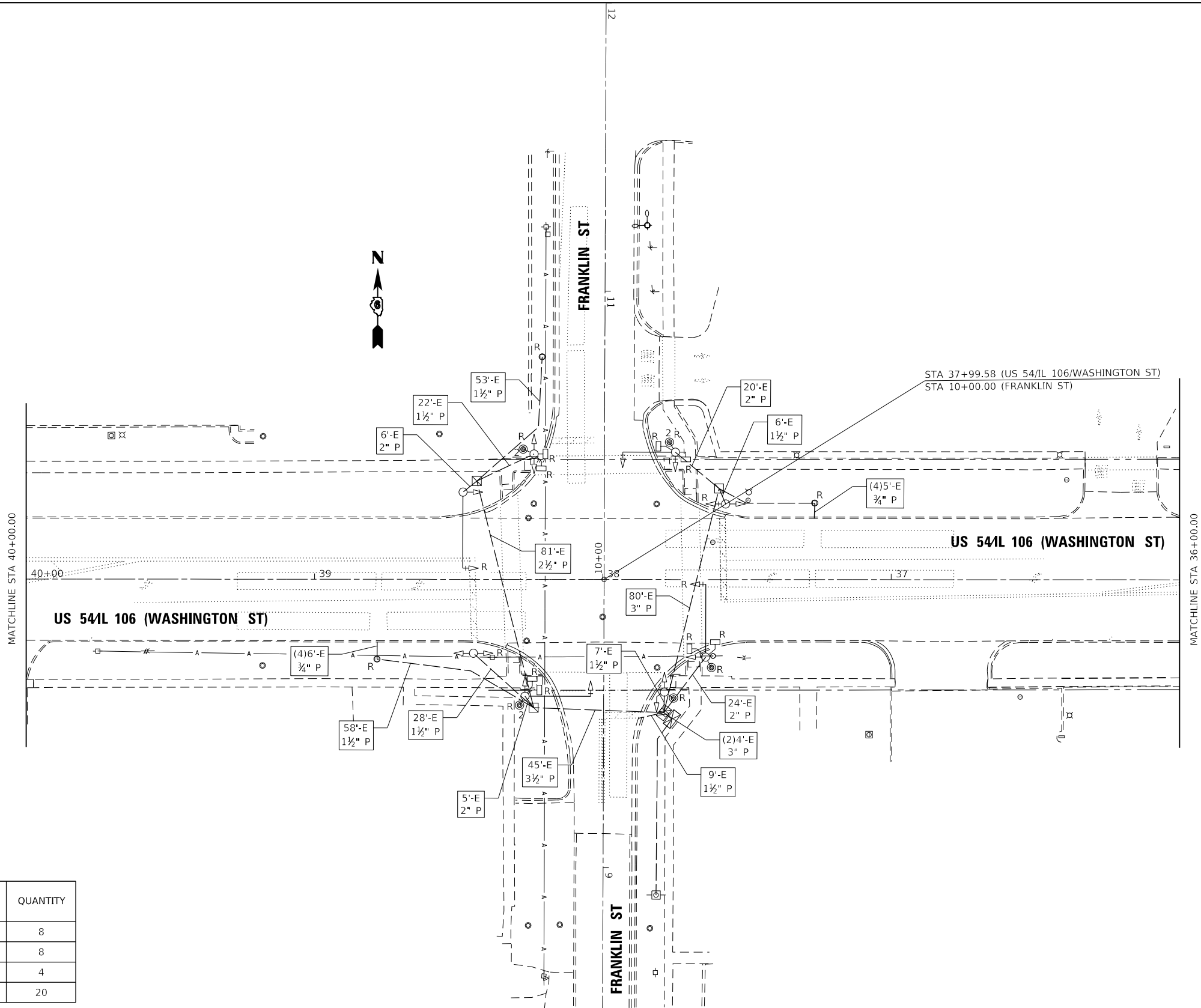
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PR PHASING DIAGRAM





REMOVAL SCHEDULE: FRANKLIN

ITEM TO BE REMOVED	QUANTITY
PUSHBUTTON	8
PEDESTRIAN SIGNAL HEAD	8
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	4
TOTAL:	20

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US 541L 106

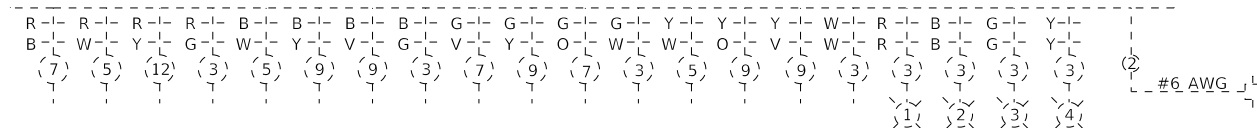
FRANKLIN ST

EX PHASING DIAGRAM



FRANKLIN ST

EX CONTROLLER

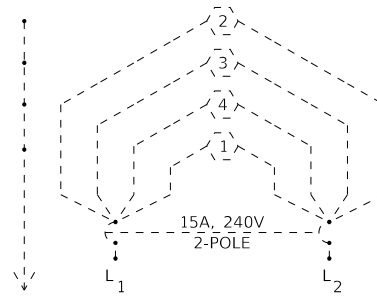
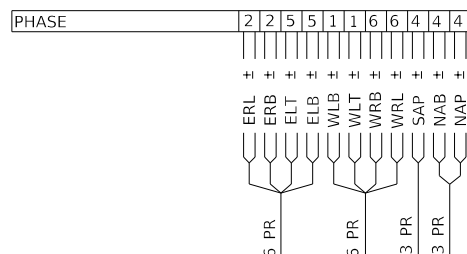


US 541L 106
(WASHINGTON ST)

US 541L 106
(WASHINGTON ST)

FRANKLIN ST

EX DETECTORS

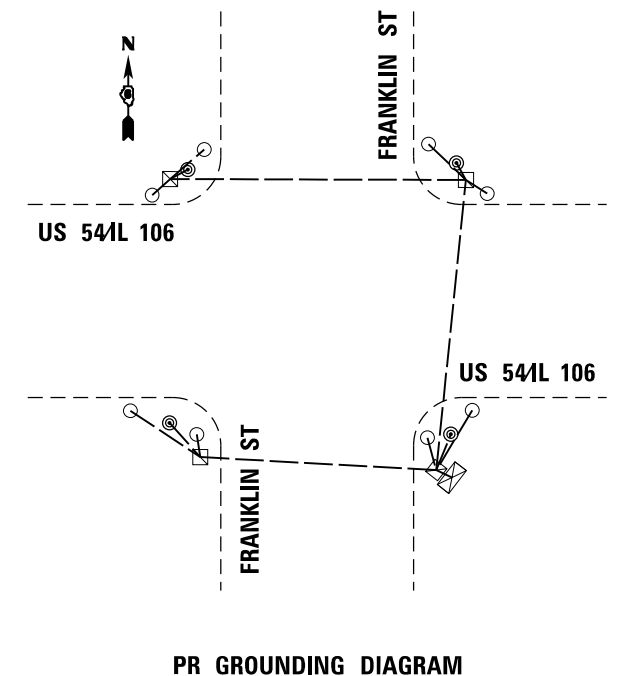
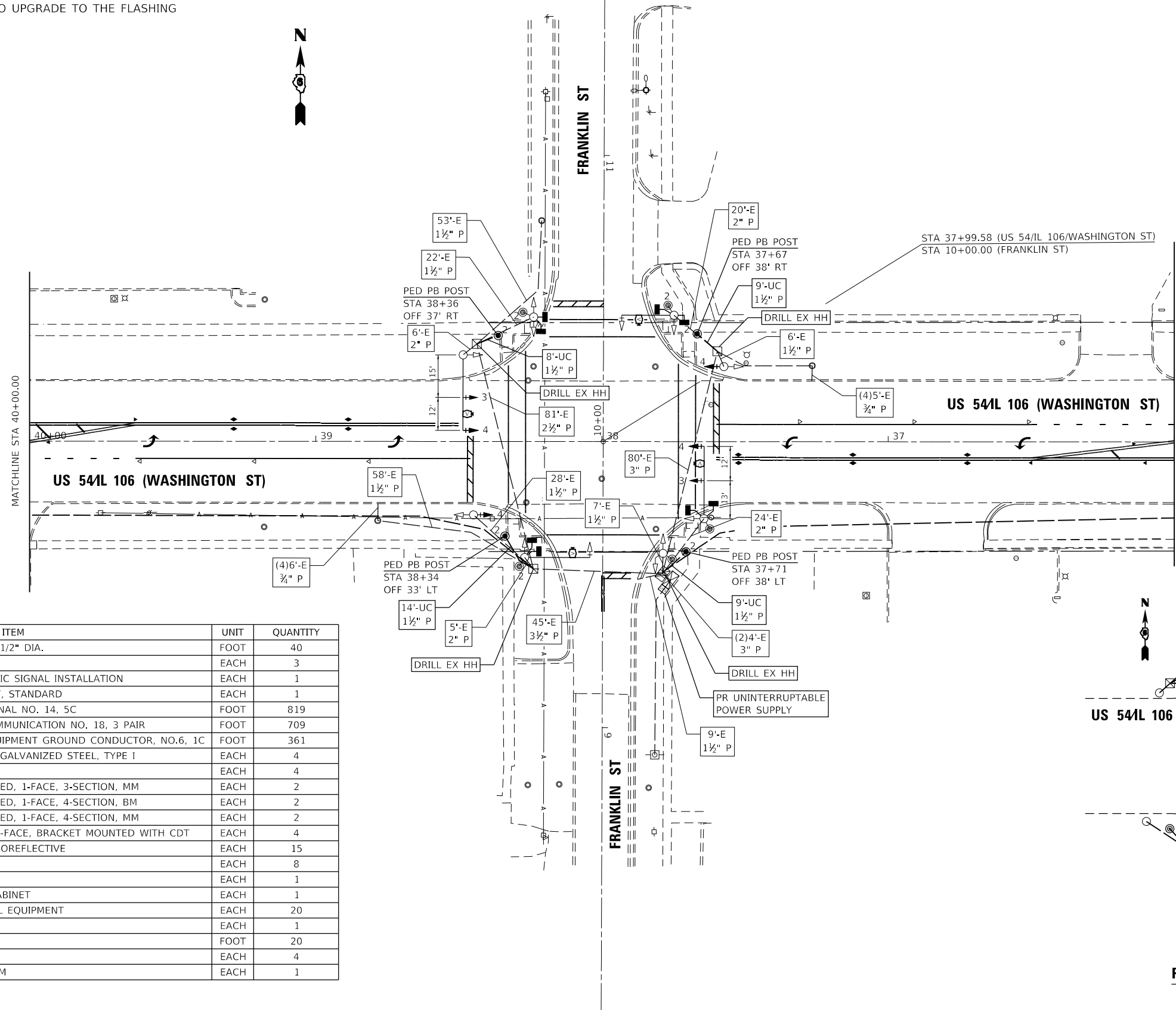


EX LIGHTING CIRCUIT

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NOTES:

- CONTRACTOR WILL PROVIDE A MMU AND A TRAFFIC SIGNAL CONTROLLER THAT IS COMPATIBLE WITH THE FLASHING YELLOW ARROW OPERATION. THIS WILL ALSO CONSIST OF ANY NECESSARY WIRING AND PROGRAMMING NEEDED TO UPGRADE TO THE FLASHING YELLOW ARROW OPERATION



TRAFFIC SIGNAL SCHEDULE: US 54 & FRANKLIN ST

NO.	ITEM	UNIT	QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	40
81500130	GULFBOX JUNCTION REMOVAL	EACH	3
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C	FOOT	819
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18, 3 PAIR	FOOT	709
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUND CONDUCTOR, NO.6, 1C	FOOT	361
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	4
87900200	DRILL EXISTING HANDHOLE	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MM	EACH	2
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BM	EACH	2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MM	EACH	2
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH CDT	EACH	4
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	15
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	20
X0326266	ETHERNET SWITCH	EACH	1
X0326812	CAT 5 ETHERNET CABLE	FOOT	20
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

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KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

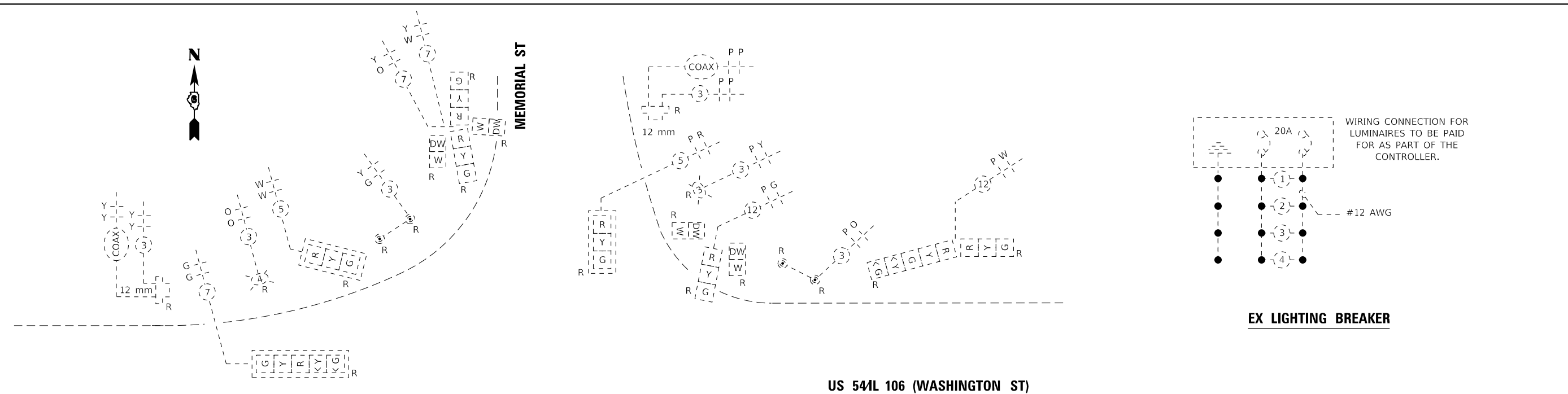
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PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

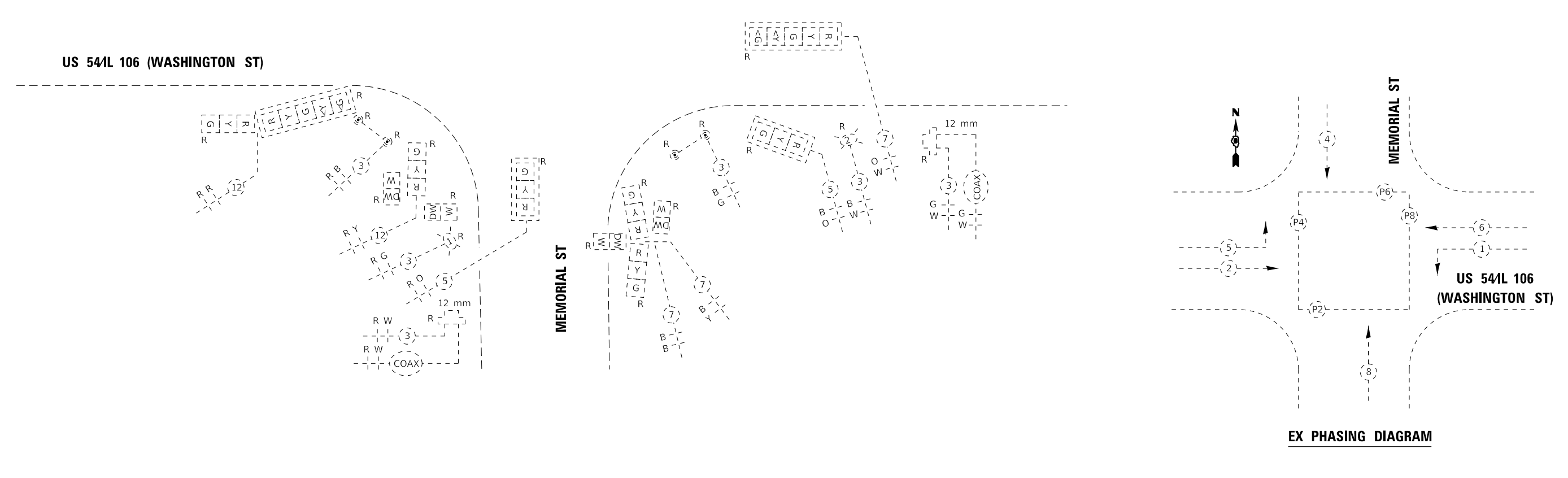
PR TRAFFIC SIGNAL PLAN
 US 54L 106 & FRANKLIN ST

SCALE: SHEET 9 OF 27 SHEETS STA. TO STA.

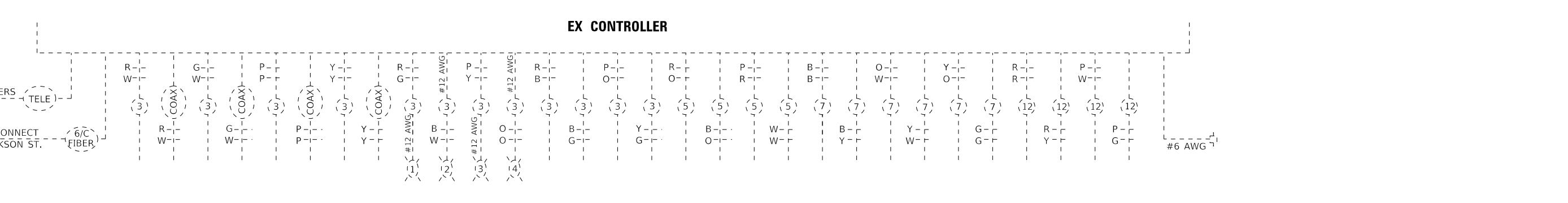
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	138
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



EX LIGHTING BREAKER



EX PHASING DIAGRAM



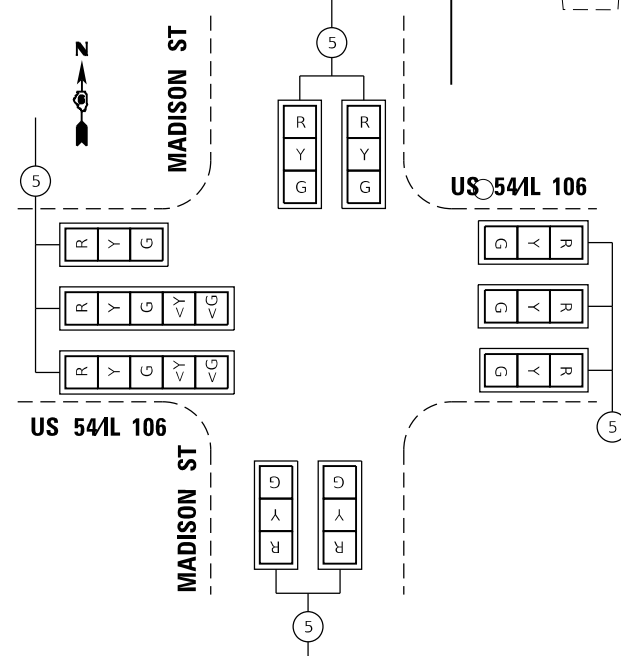
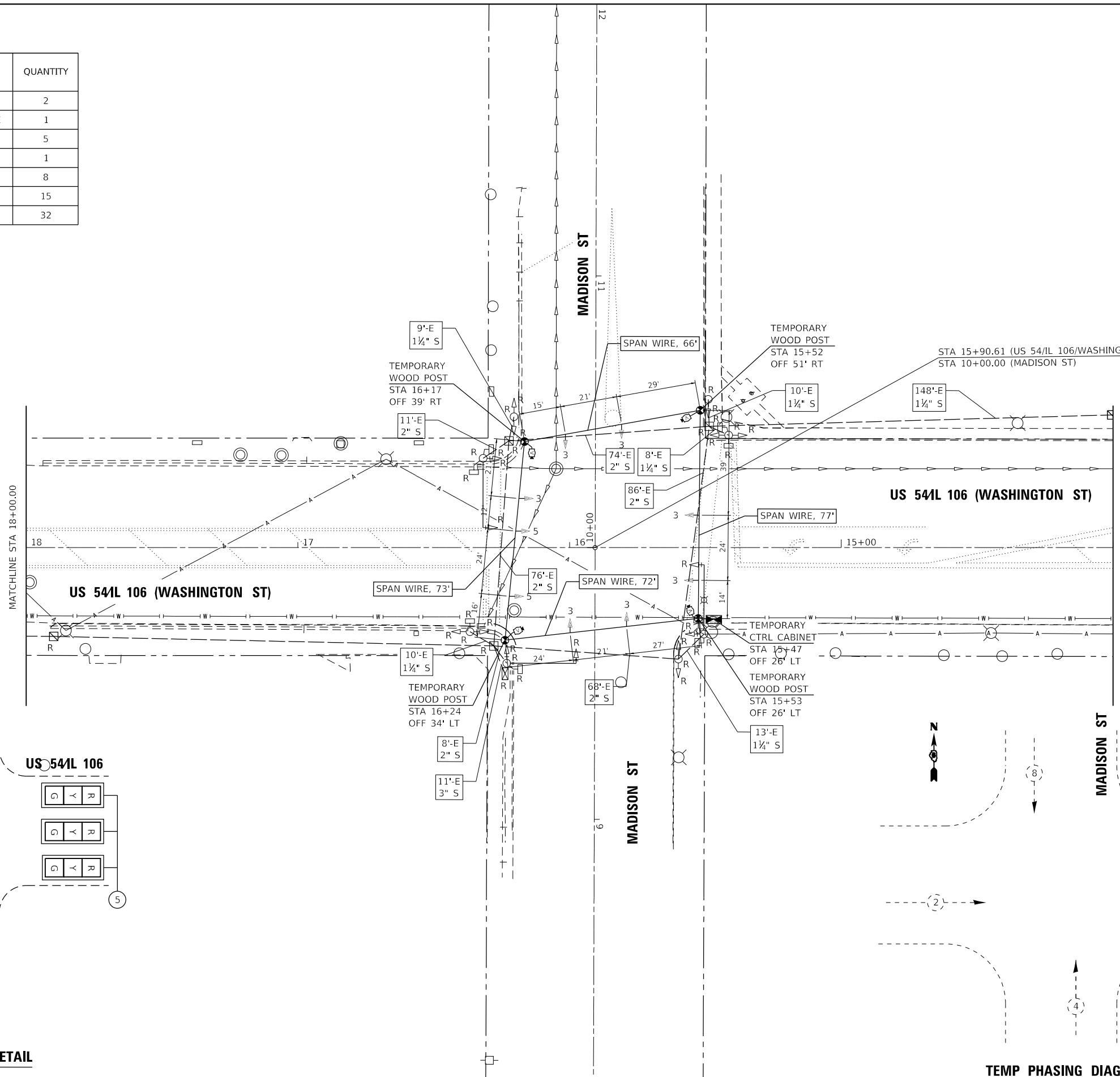
EX CONTROLLER

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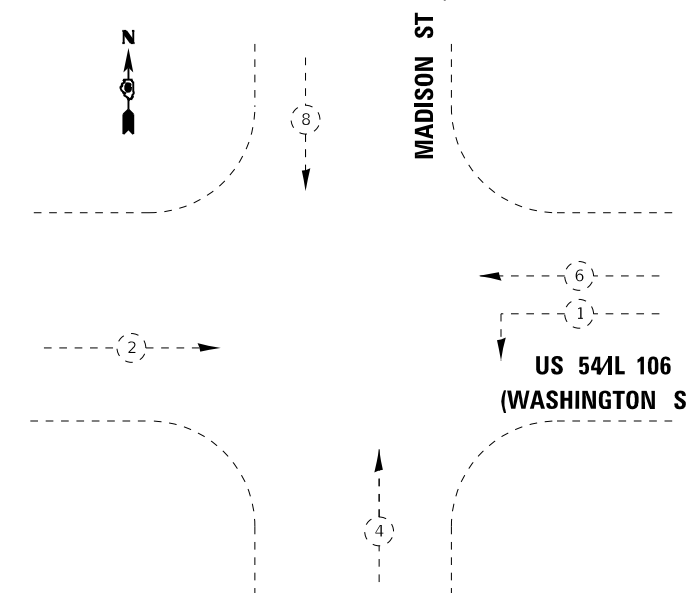
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223-3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = jackce	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX TRAFFIC SIGNAL DETAIL US 541L 106 & MEMORIAL ST	F.A.P. RTE. = 321	SECTION = (20,107) RS-8, ADA	COUNTY = PIKE	TOTAL SHEETS = 181	SHEET NO. = 141
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	PLOT DATE = 10/17/2019	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET 12 OF 27 SHEETS		STA.	TO STA.	

REMOVAL SCHEDULE: MADISON

ITEM TO BE REMOVED	QUANTITY
MAST ARM ASSEMBLY AND POLE	2
COMBINATION MAST ARM ASSEMBLY AND POLE	1
SIGNAL POST	5
TRAFFIC SIGNAL CABINET	1
PEDESTRIAN SIGNAL HEAD	8
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	15
TOTAL:	32



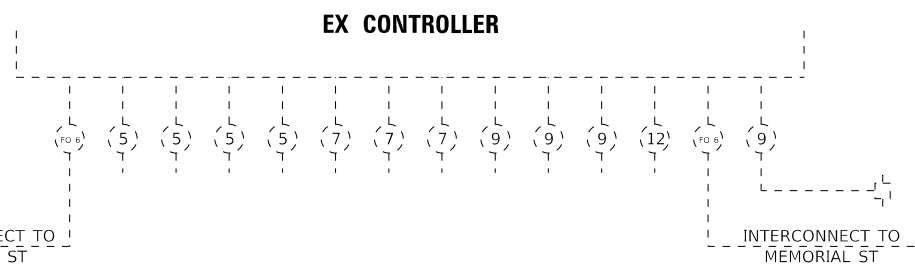
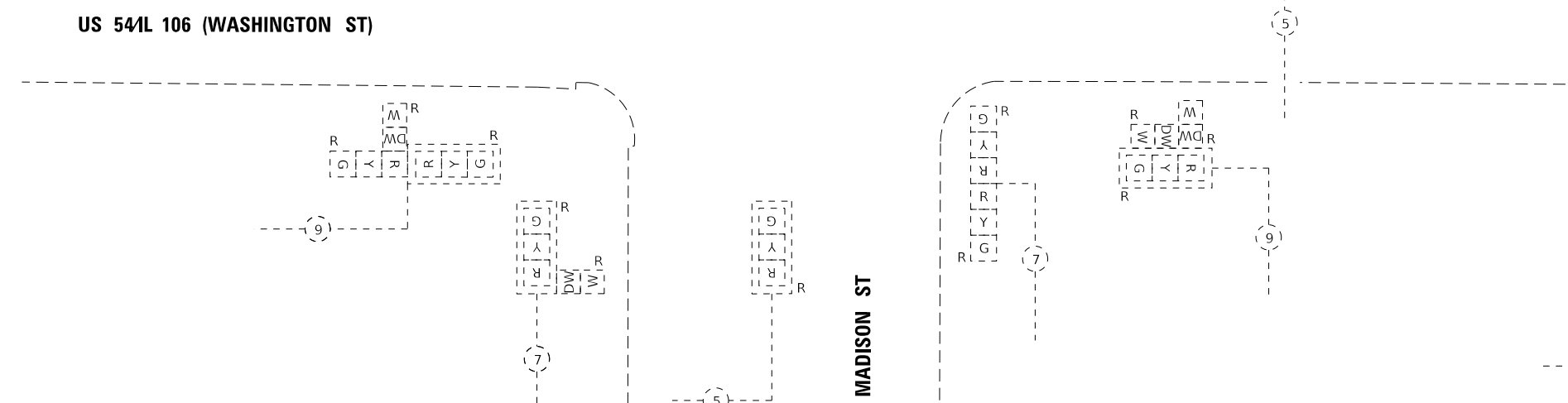
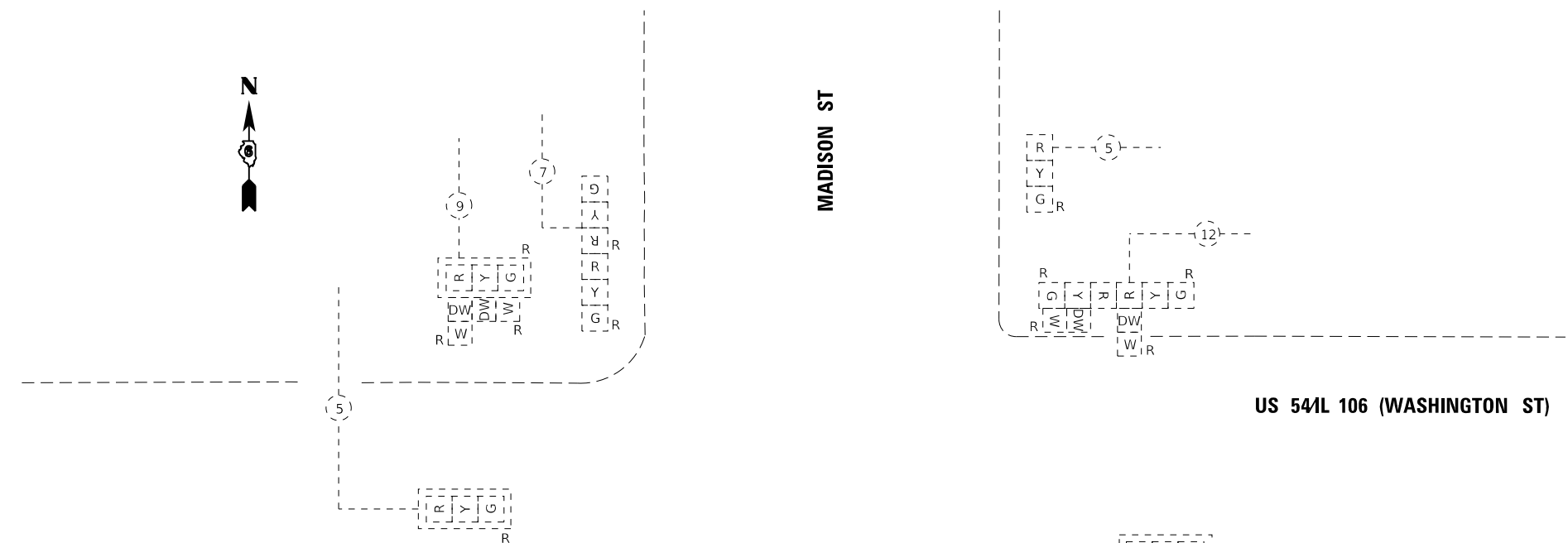
TEMPORARY SIGNAL DETAIL



TEMP PHASING DIAGRAM

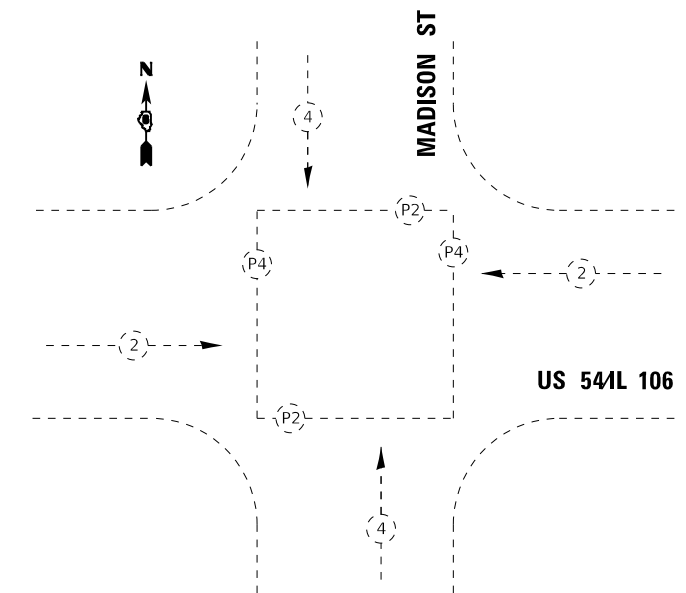
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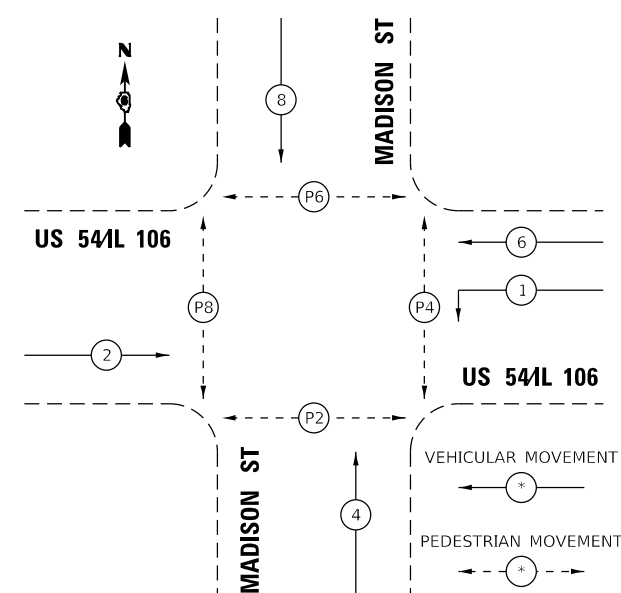
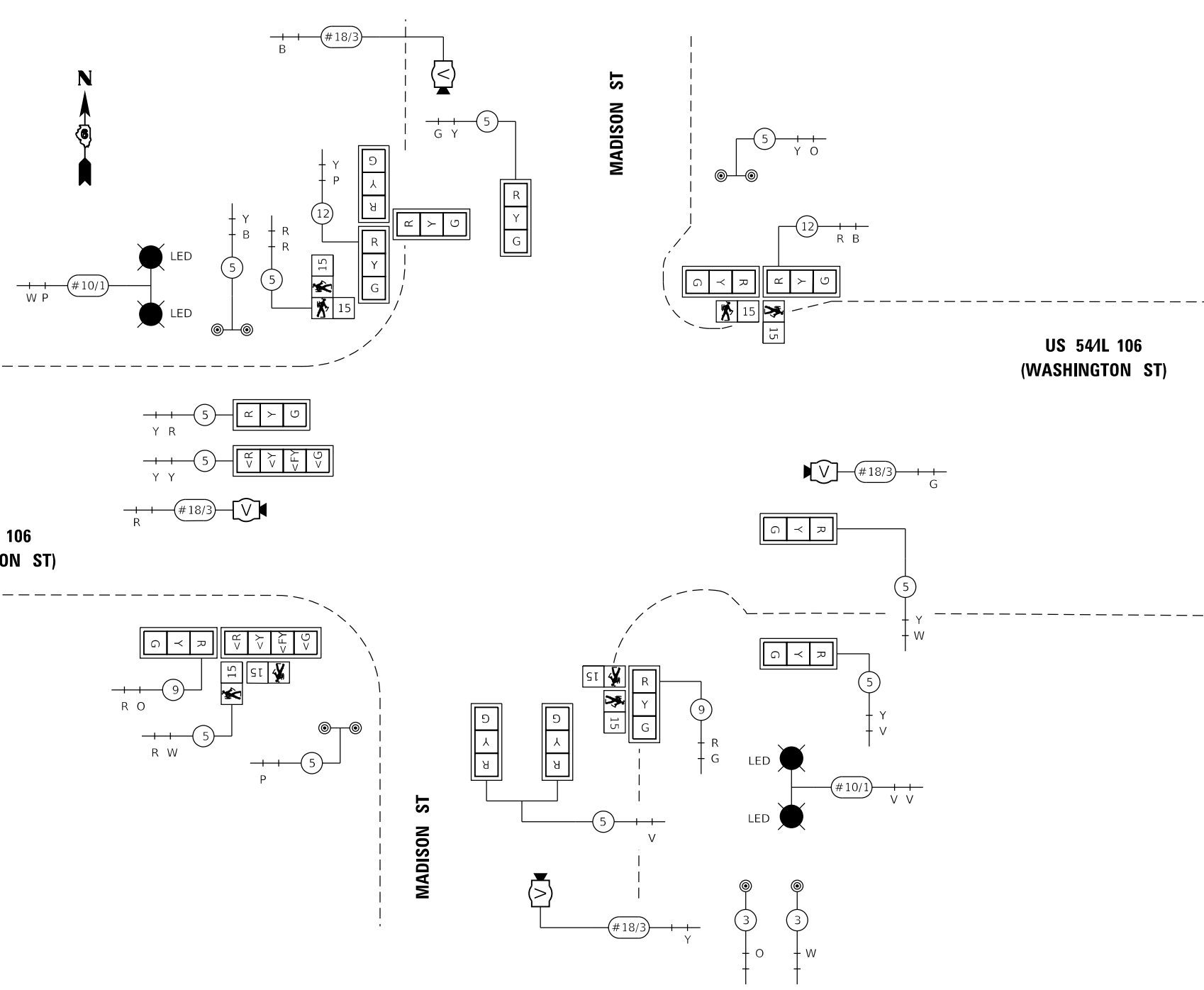


INTERCONNECT TO JACKSON ST

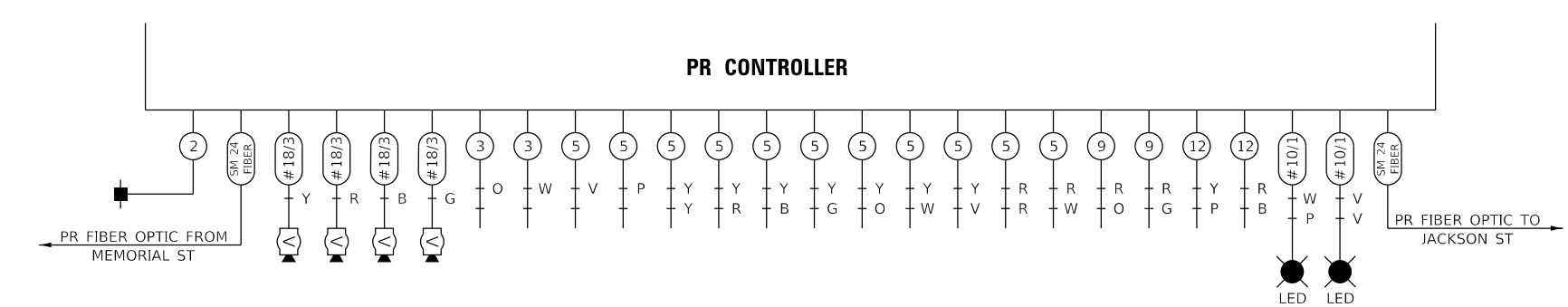
INTERCONNECT TO MEMORIAL ST



EX PHASING DIAGRAM



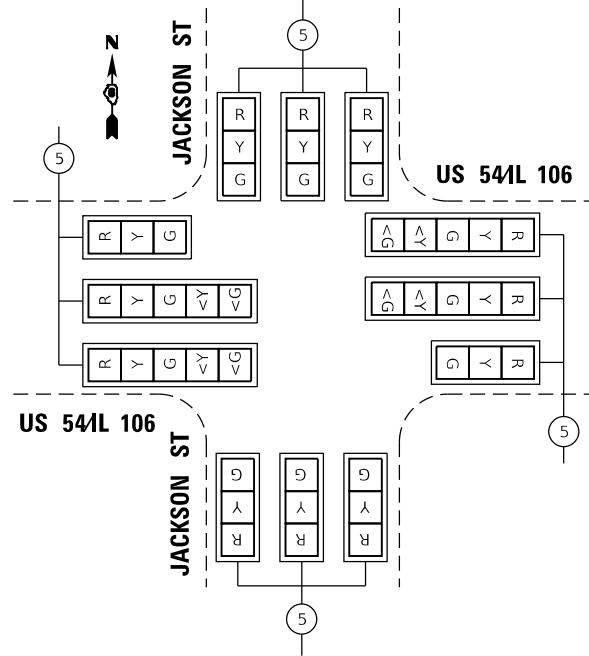
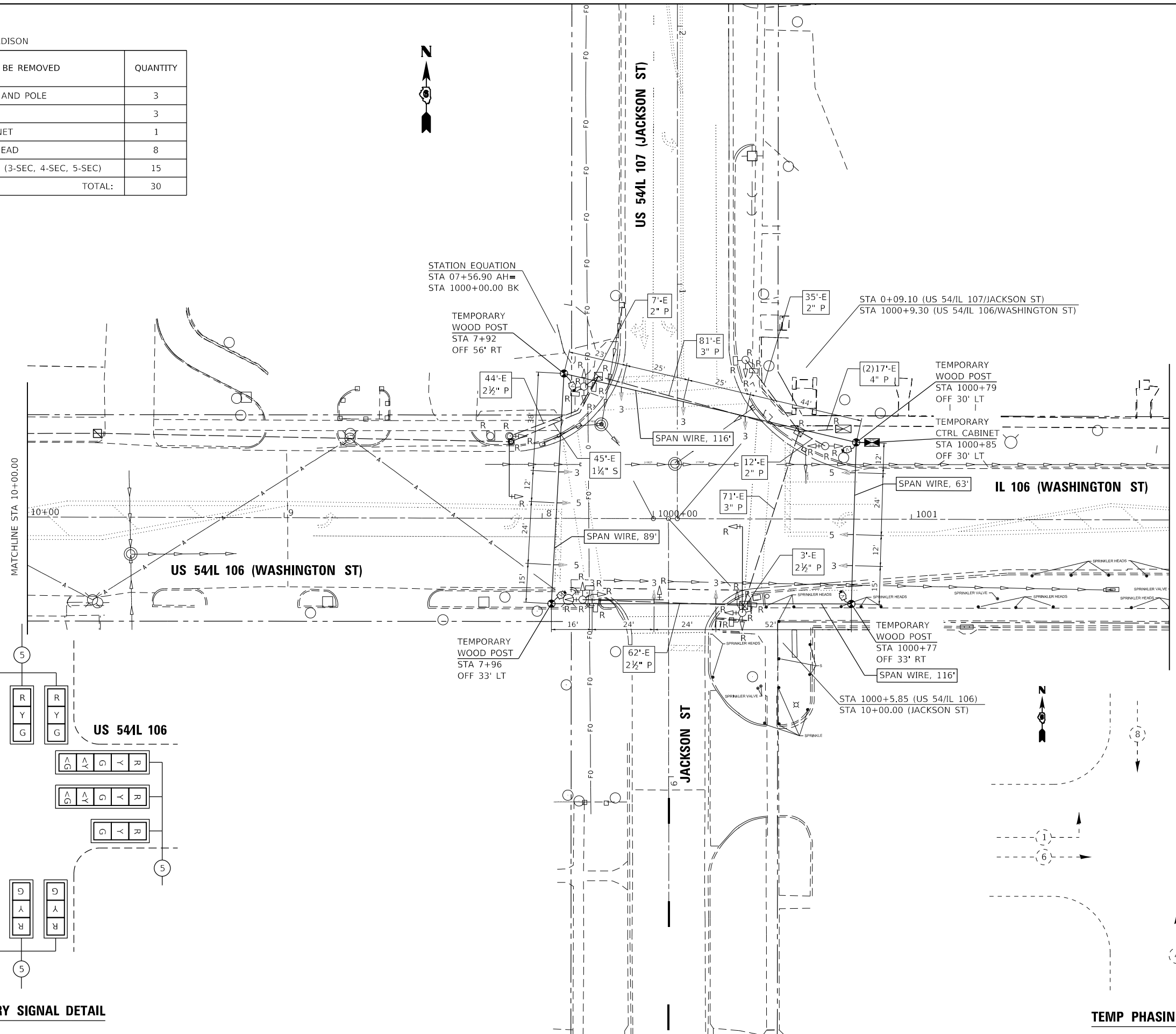
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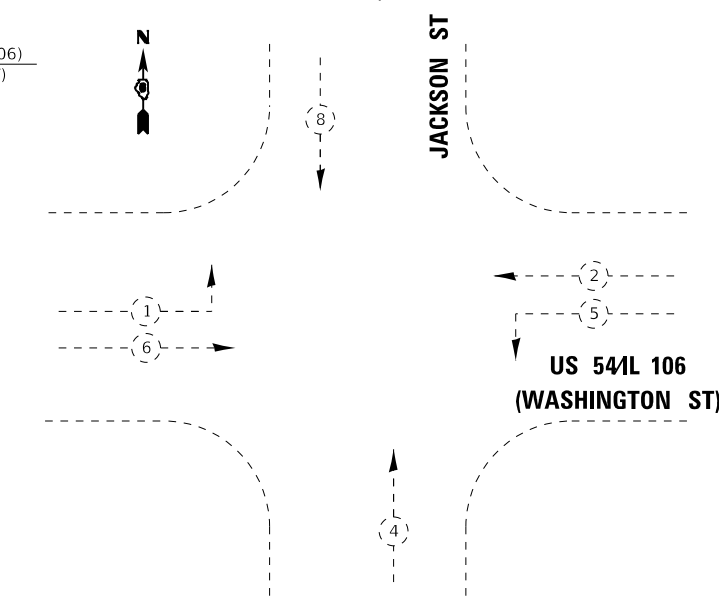
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REMOVAL SCHEDULE: MADISON

ITEM TO BE REMOVED	QUANTITY
MAST ARM ASSEMBLY AND POLE	3
SIGNAL POST	3
TRAFFIC SIGNAL CABINET	1
PEDESTRIAN SIGNAL HEAD	8
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	15
TOTAL:	30



TEMPORARY SIGNAL DETAIL



TEMP PHASING DIAGRAM

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 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackce	DESIGNED -	REVISED -
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

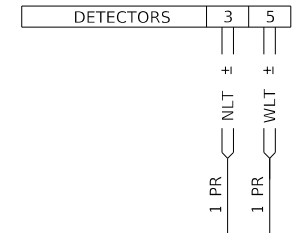
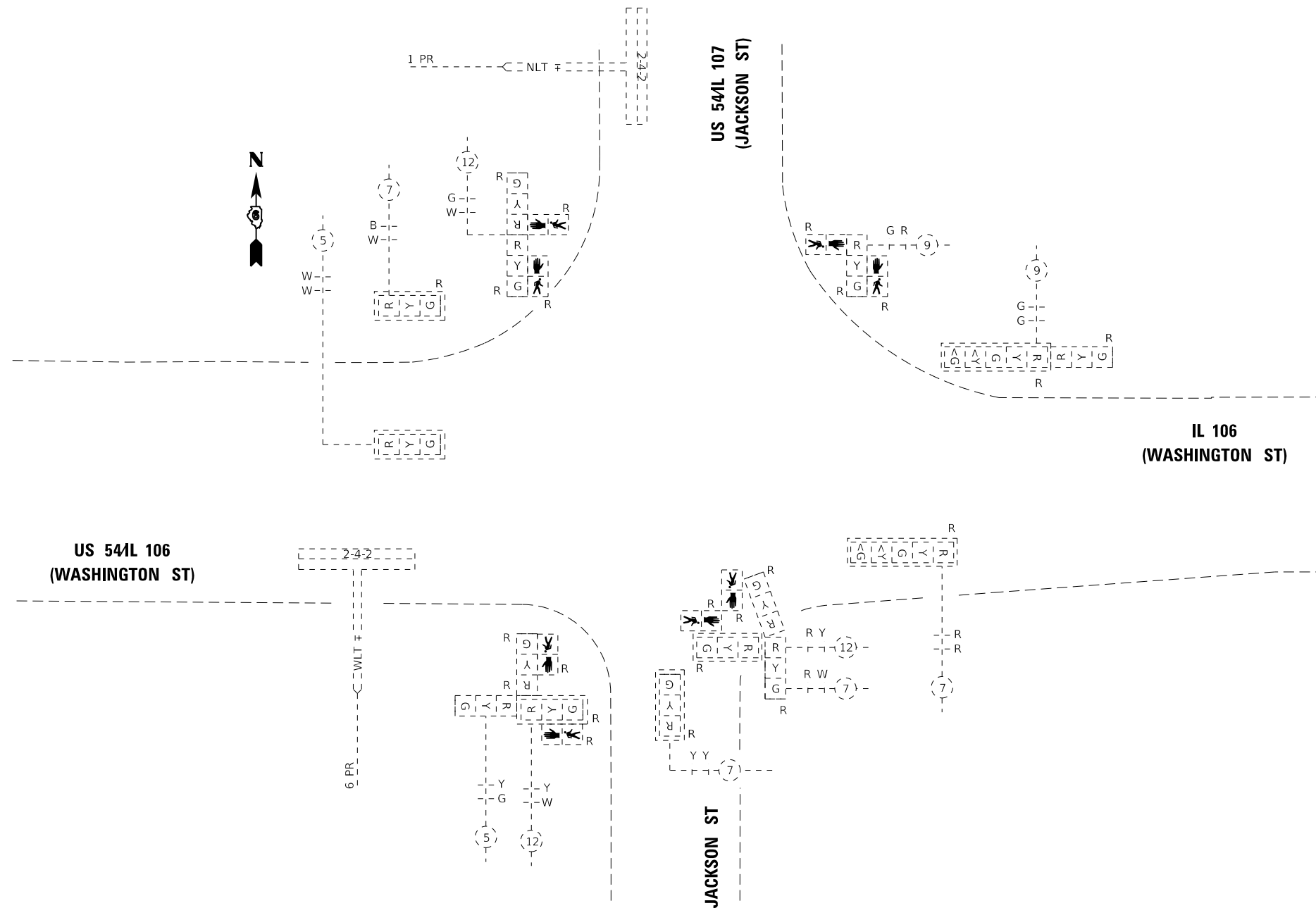
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMP & EX TRAFFIC SIGNAL PLAN
 US 541L 106 & JACKSON ST

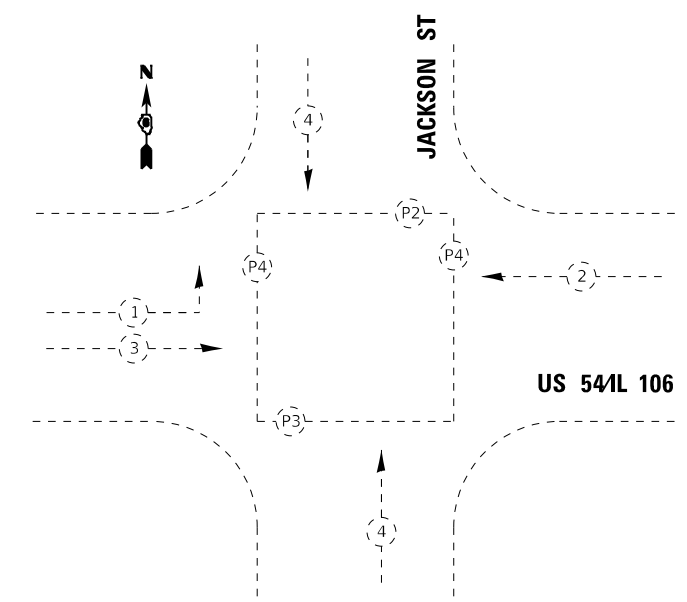
SCALE: SHEET 19 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

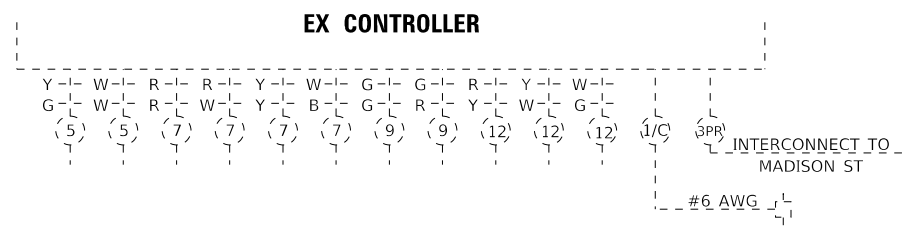
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EX DETECTORS



EX PHASING DIAGRAM



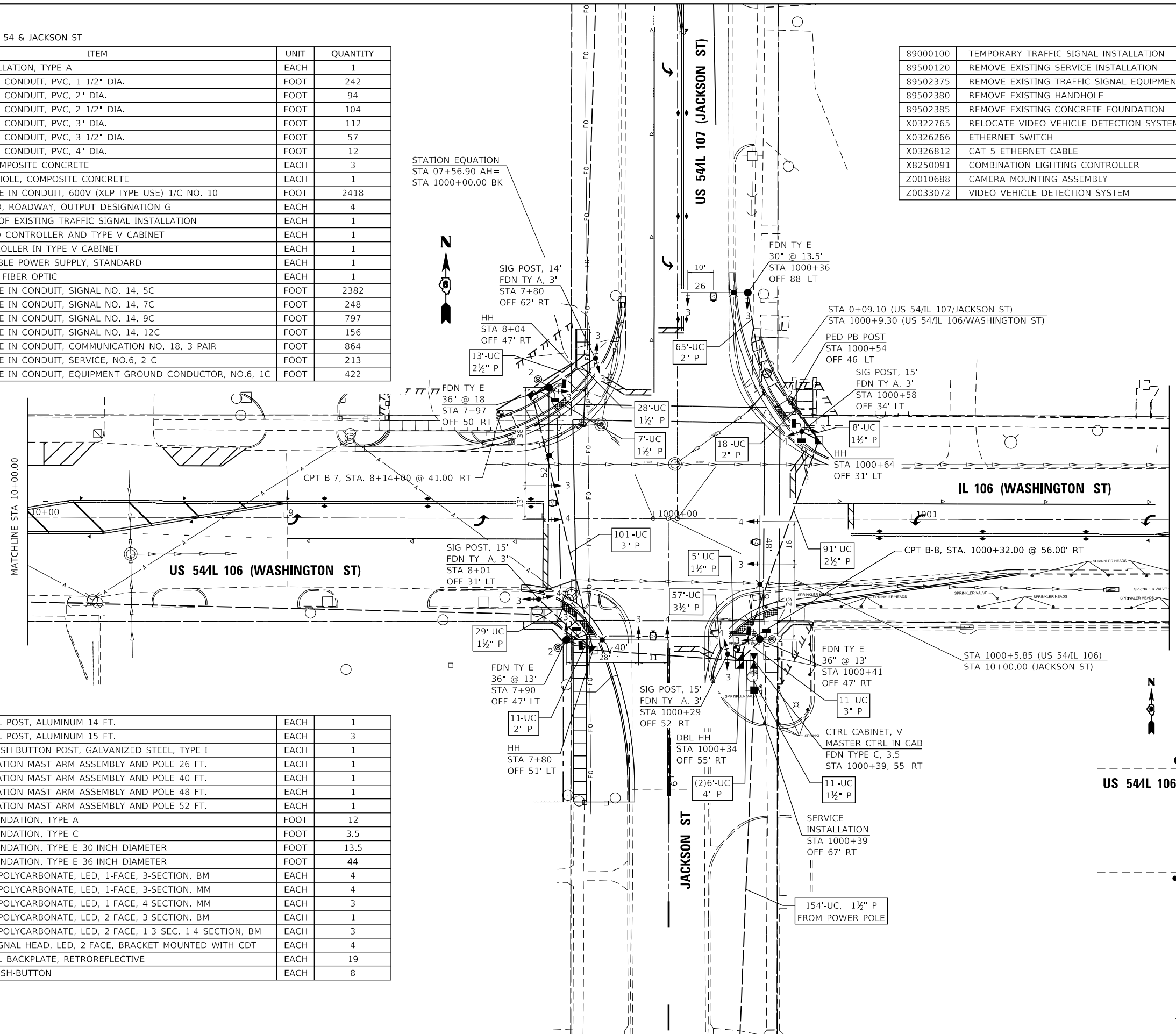
EX CONTROLLER

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	DATE -	REVISED -

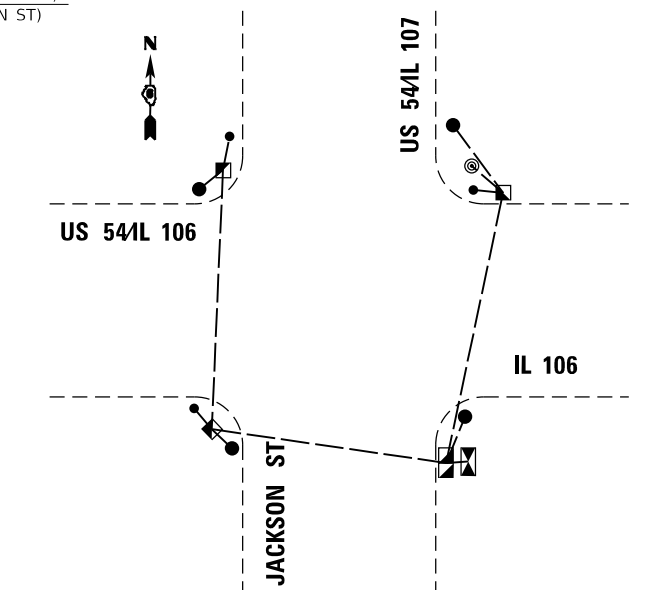
TRAFFIC SIGNAL SCHEDULE: US 54 & JACKSON ST

NO.	ITEM	UNIT	QUANTITY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	242
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	94
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	104
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	112
81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	57
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	12
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	3
81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2418
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
86000300	MASTER CONTROLLER IN TYPE V CABINET	EACH	1
86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C	FOOT	2382
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7C	FOOT	248
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 9C	FOOT	797
87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 12C	FOOT	156
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18, 3 PAIR	FOOT	864
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6, 2 C	FOOT	213
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUND CONDUCTOR, NO.6, 1C	FOOT	422

89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	30
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X0326812	CAT 5 ETHERNET CABLE	FOOT	20
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	1
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1



87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	3
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1
87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	13.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	44
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BM	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MM	EACH	4
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MM	EACH	3
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BM	EACH	1
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SEC, 1-4 SECTION, BM	EACH	3
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH CDT	EACH	4
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	19
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PR TRAFFIC SIGNAL PLAN
US 54L 106 & JACKSON ST

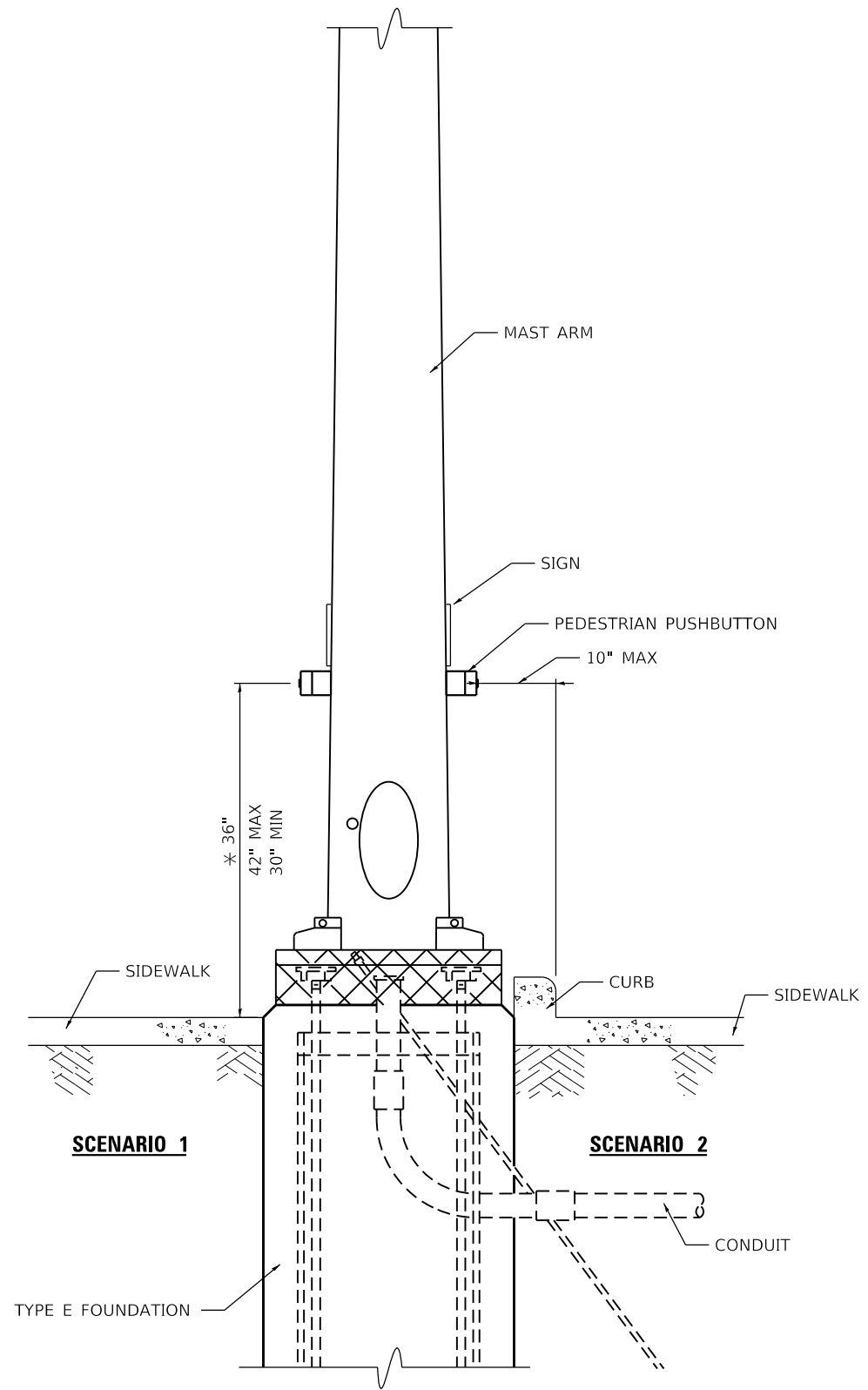
SCALE: SHEET 21 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	150

CONTRACT NO. 72H83

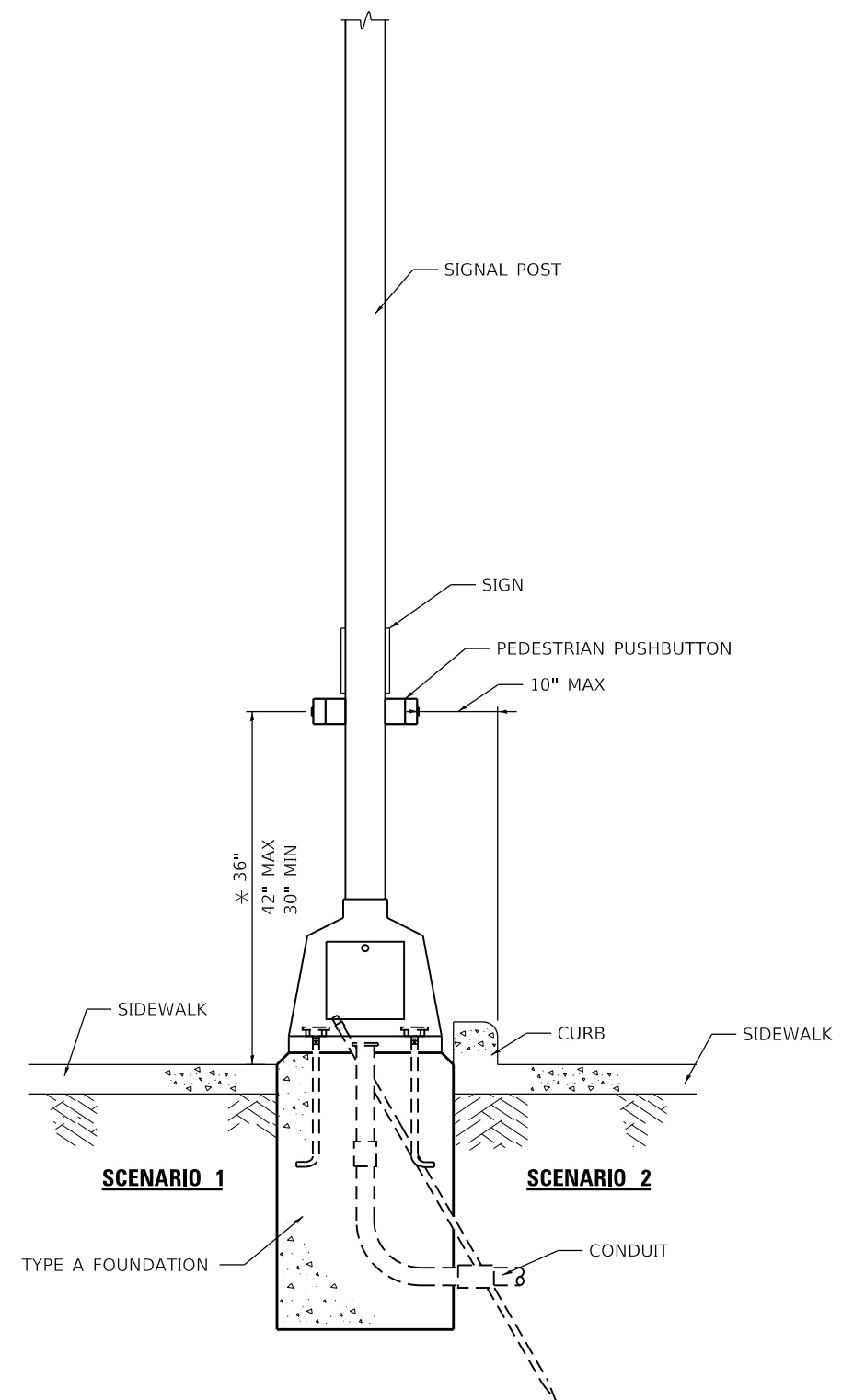
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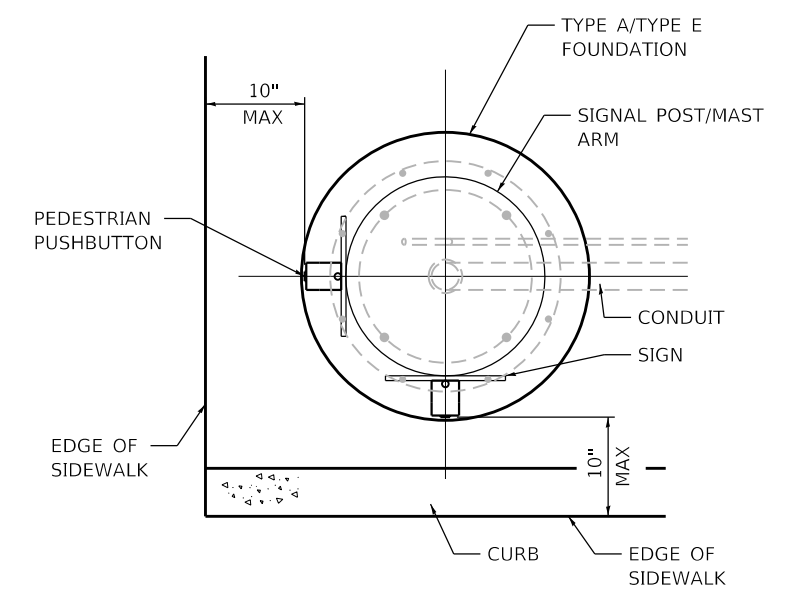
**PEDESTRIAN PUSHBUTTON INSTALLATION,
MAST ARM**

* 36" PREFERRED



**PEDESTRIAN PUSHBUTTON INSTALLATION,
SIGNAL POST**

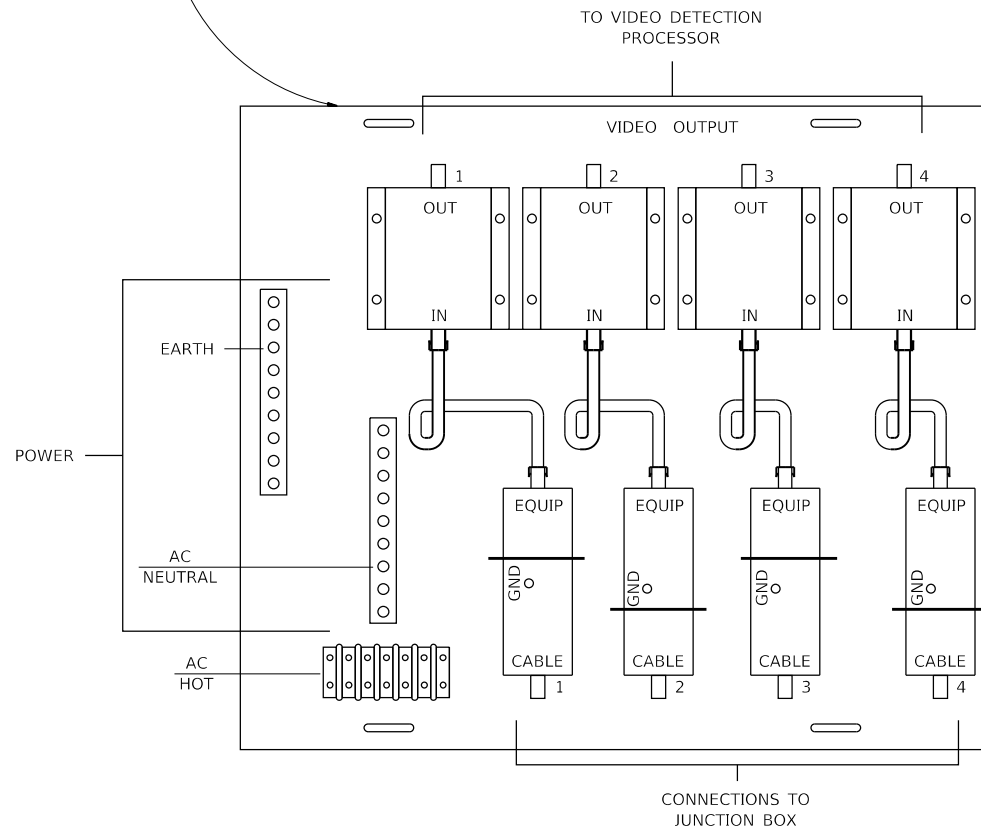
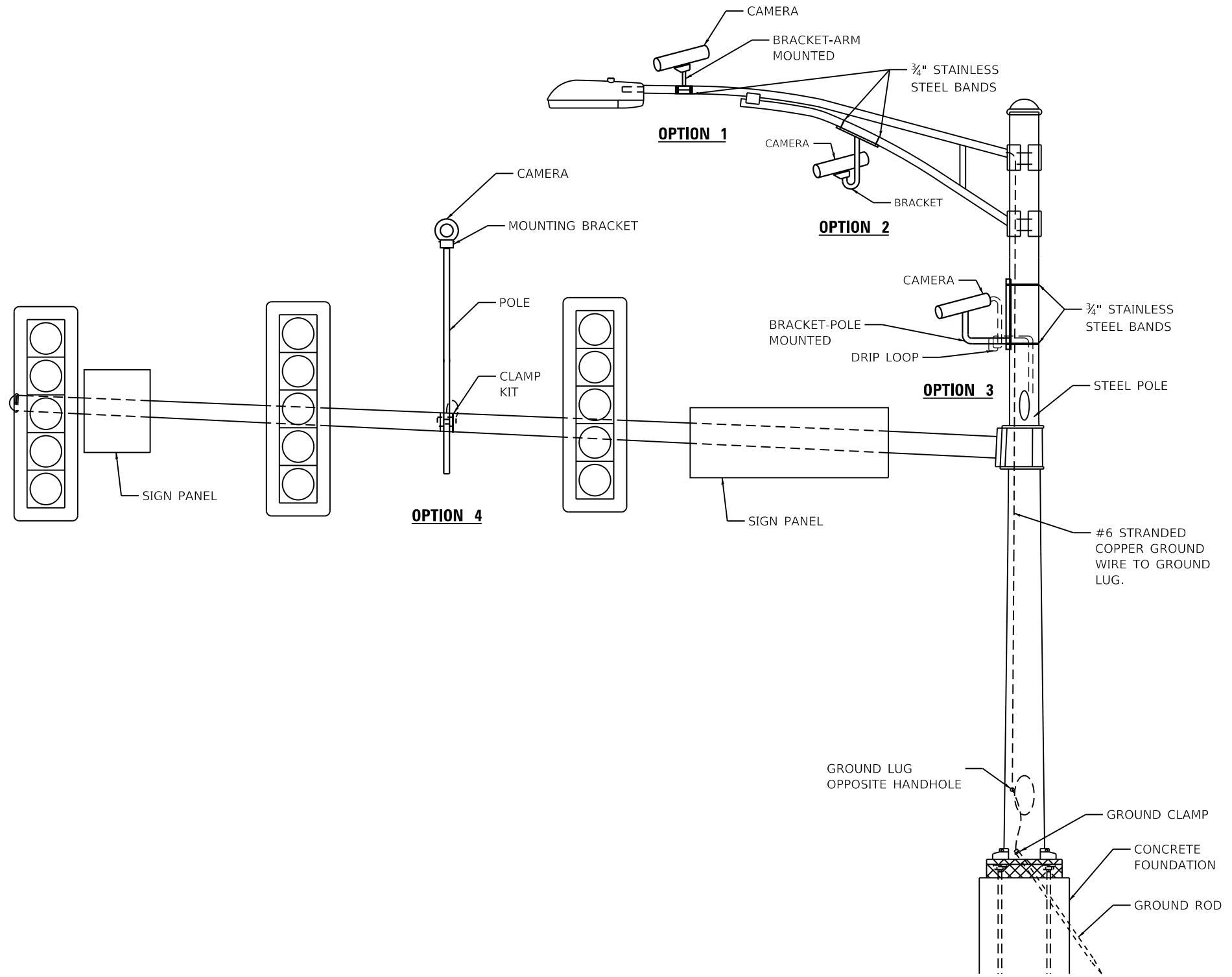
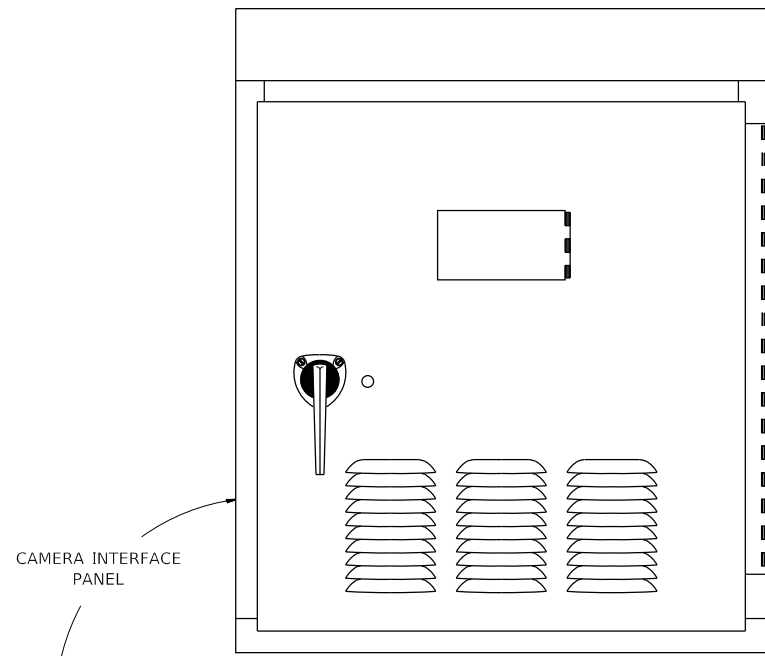
- GENERAL NOTES**
- PREFERRED MOUNTING HEIGHT OF THE PUSHBUTTON SHALL BE APPROXIMATELY 3 FEET. THE HEIGHT SHALL BE MAXIMUM OF 3.5 FEET AND MINIMUM OF 2.5 FEET ABOVE SIDEWALK.
 - REACH OF THE PUSHBUTTON SHALL BE A MAXIMUM OF 10 INCHES FROM THE EDGE OF THE SIDEWALK.
 - PUSHBUTTON SHALL BE UNOBSTRUCTED AND ADJACENT TO ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR.
 - IN ANY CASE THE 10 INCH MAXIMUM DISTANCE IS NOT ACHIEVED, MODULAR EXTENSION BRACKETS SHALL BE INSTALLED. THE COST AND LABOR OF INSTALLING EXTENSION BRACKET SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSHBUTTON.
 - THE PUSHBUTTON FACE SHOULD BE PARALLEL TO THE CROSSWALK IT CONTROLS.



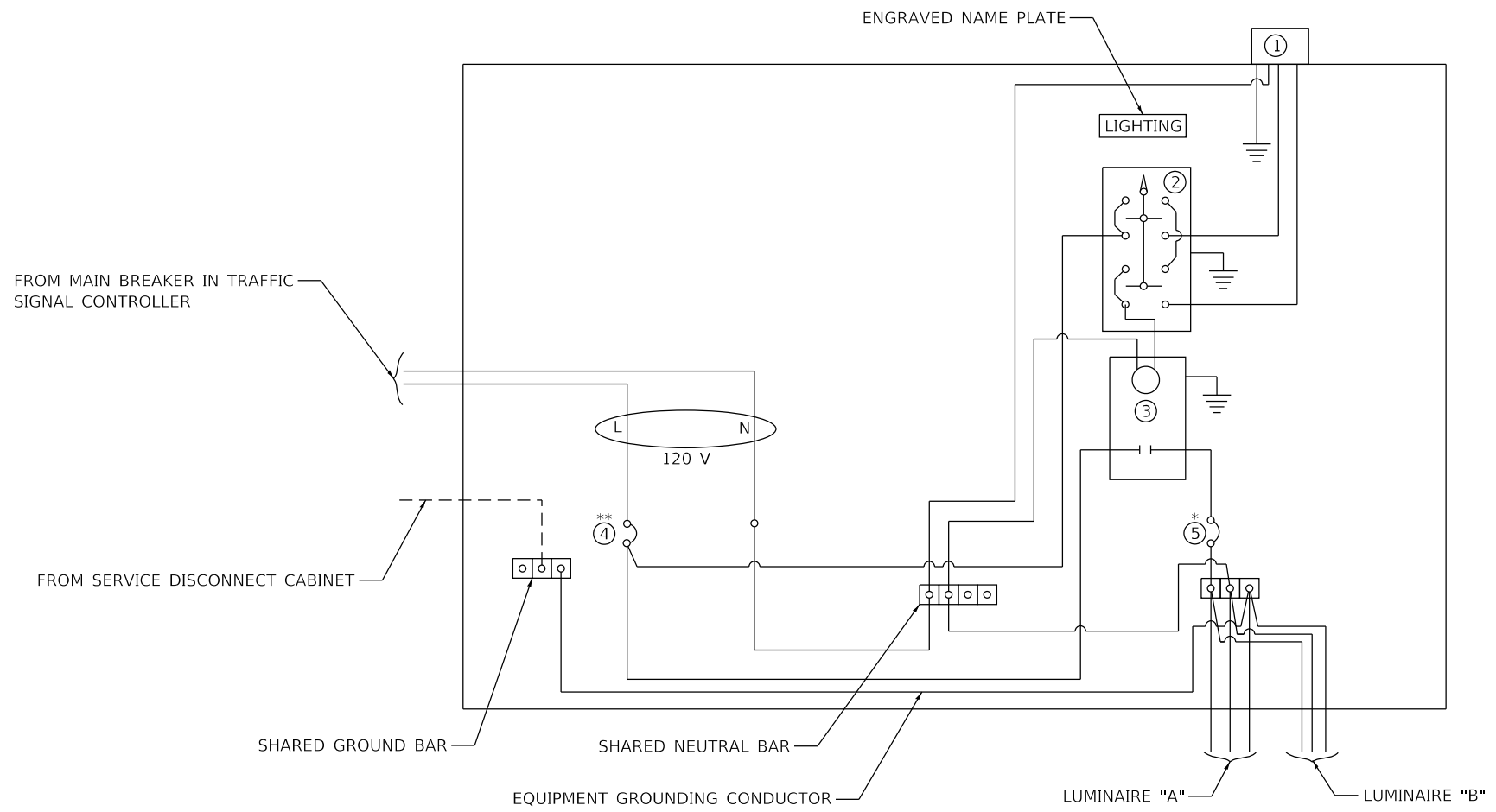
**PEDESTRIAN PUSHBUTTON INSTALLATION,
TOP VIEW**
NOT TO SCALE

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	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	152
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



**VIDEO DETECTION SYSTEM INSTALLATION
ARM MOUNTED, MAST-ARM MOUNTED, OR POLE MOUNTED**



LEGEND

- GROUND CONNECTED TO SHARED GROUND BAR
 - INDICATES SHARED WITH TRAFFIC SIGNAL CONTROLLER EQUIPMENT
 - ① PHOTOCELL WITH INTEGRAL SURGE ARRESTER
 - ② HAND-OFF-AUTO SELECTOR SWITCH
 - ③ 30 AMP, 1 POLE, ELECTRICALLY HELD CONTACTOR
 - ④ 20 AMP, 1 POLE, CIRCUIT BREAKER
 - ⑤ 15 AMP, 1 POLE, BRANCH BREAKER
- *QUANTITY OF BRANCH BREAKERS SHALL DEPEND ON THE COMBINATION LIGHTING CIRCUIT DIAGRAM OR AS DIRECTED BY THE ENGINEER
- **SIZE LARGER AS NEEDED

COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

GENERAL NOTES

1. ALL CONTROL INSTALLATION COMPONENTS SHALL BE U.L. LISTED.
2. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED.
3. THE CIRCUIT BREAKER SHALL BE CLEARLY LABELED FOR LIGHTING ACCORDING TO ARTICLE 1068.01(e)(f) OF THE STANDARD SPECIFICATIONS.
4. INSTALL UNDER EAVE PHOTOCELL ON TRAFFIC SIGNAL CONTROLLER CABINET PER ARTICLE 1068.01(e)(2) OF THE STANDARD SPECIFICATIONS.
5. ALL LIGHTING EQUIPMENT SHALL BE INSTALLED ON A SIDE MOUNTED INSULATED SUBPANEL PER ARTICLE 1068.01(e)(9) OF THE STANDARD SPECIFICATIONS ON THE LOWER RIGHT HAND SIDE OF TRAFFIC SIGNAL CONTROLLER OR AS DIRECTED BY THE ENGINEER.
6. PROVIDED AN ENGRAVED STAINLESS STEEL NAMEPLATE ON THE SUB PANEL READING "LIGHTING".

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PLOT DATE = 10/17/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT SIX
COMBINATION LIGHTING CONTROLLER DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	154
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



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SCI Project: 2018-3237.10

**CPT B-1,
Station 69+65.00 @ 26.50' RT.**

CPT = Cone Penetrometer Test **CPT: B-1**

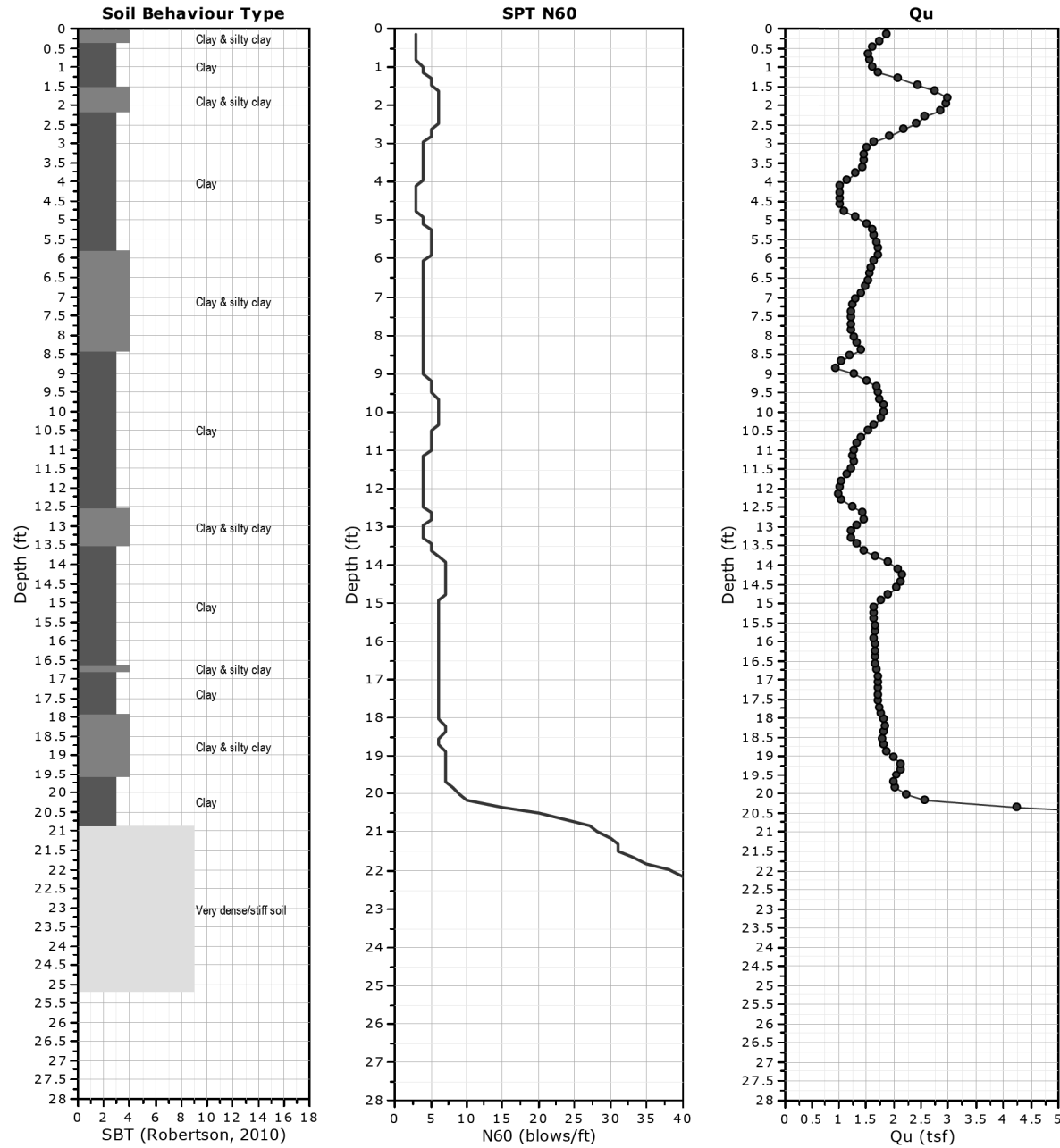
Total depth: 25.10 ft, Date: 8/29/2019

Surface Elevation: 766.56 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois [Intersection of Shetland Drive and Washington Street (US 54 / IL 106)]



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Project file: \\scieng\shared\O'Fallon\emtapps\PROJECT FILES\2018 PROJECTS\2018-3237 PTB 190, Item 30\10\CPT\Field Data\CPTall.cpt



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www.sciengineering.com
SCI Project: 2018-3237.10

**CPT B-2,
Station 68+56.00 @ 42.00' LT.**

CPT = Cone Penetrometer Test **CPT: B-2**

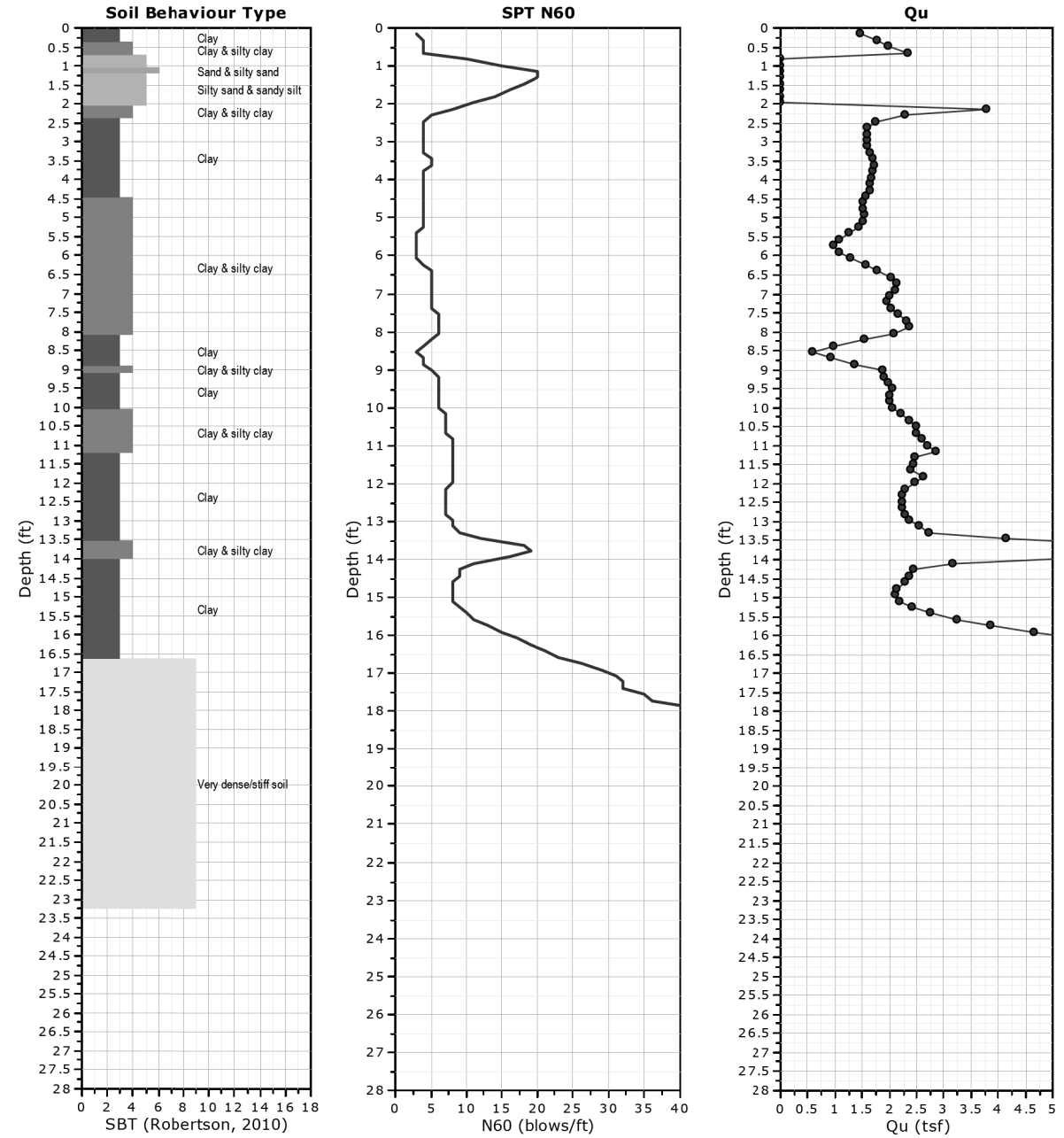
Total depth: 23.13 ft, Date: 8/29/2019

Surface Elevation: 765.51 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois [Intersection of Shetland Drive and Washington Street (US 54 / IL 106)]



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USER NAME = jackce
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DATE -
PLOT SCALE = 48.0000' / in.
PLOT DATE = 10/17/2019

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 54 / IL 106
SOIL BORING LOGS**

SCALE: SHEET 26 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	155
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



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SCI Project: 2018-3237.10

**CPT B-5,
Station 16+08.50' @ 41.50' RT.**

CPT = Cone Penetrometer Test **CPT: B-5**

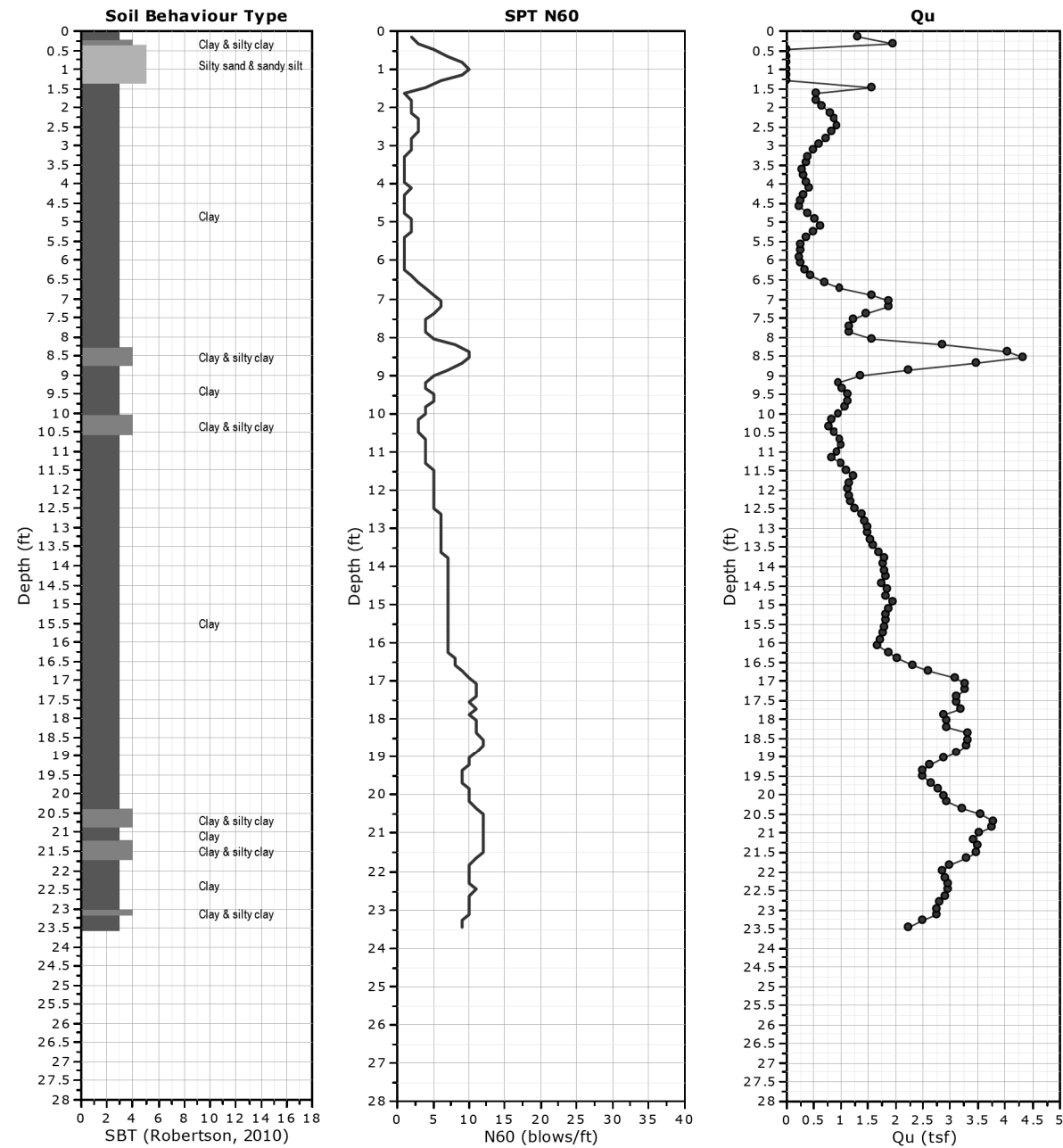
Total depth: 23.46 ft, Date: 8/29/2019

Surface Elevation: 735.48 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois Intersection of Madison Street and Washington Street (US 54 / IL 106)



CPeT-IT v.2.1.1.8 - CPTU data presentation & interpretation software - Report created on: 8/30/2019, 12:09:34 PM
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SCI Project: 2018-3237.10

**CPT B-6,
Station 15+74.50' @ 40.00' LT.**

CPT = Cone Penetrometer Test **CPT: B-6**

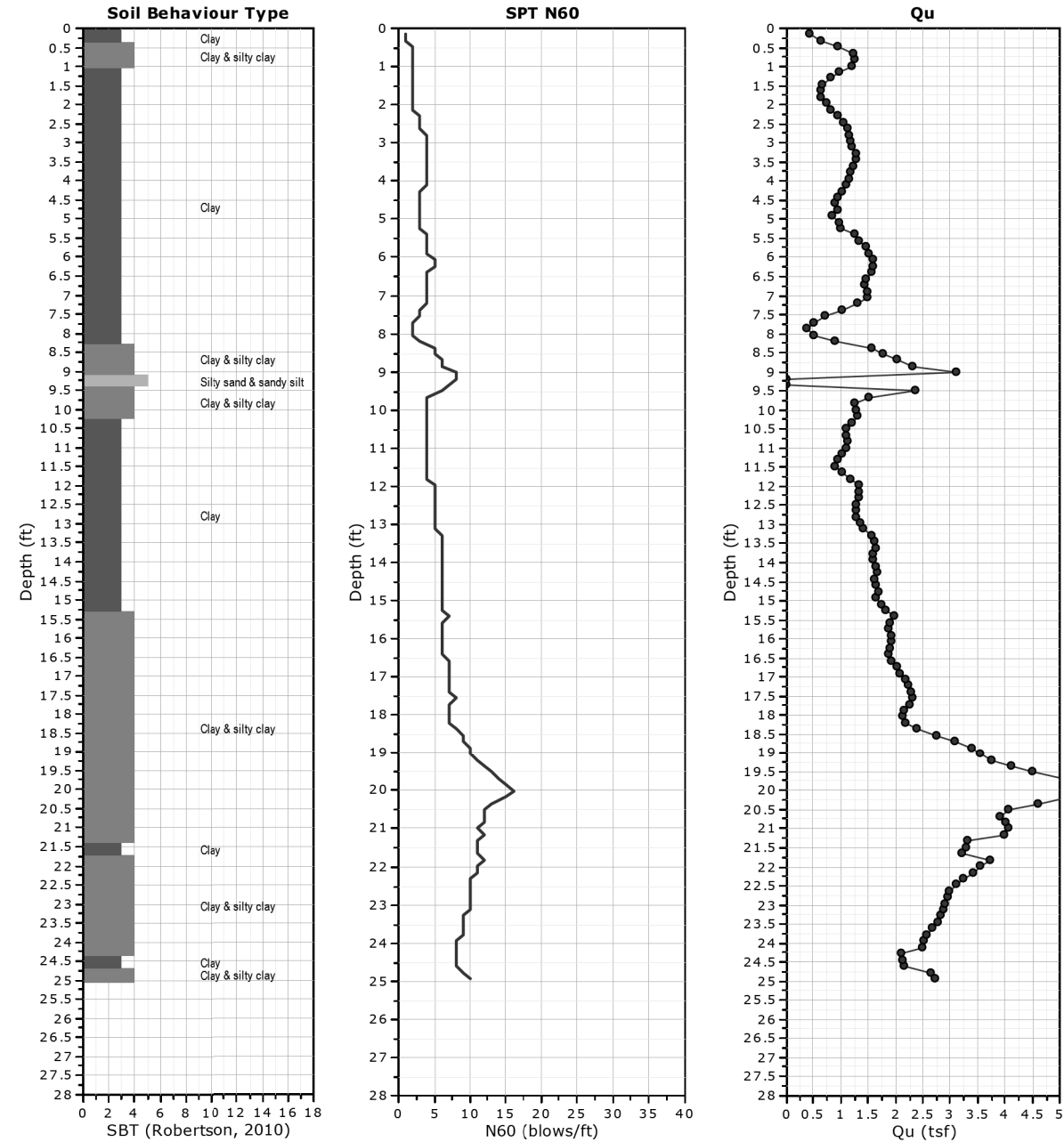
Total depth: 24.93 ft, Date: 8/29/2019

Surface Elevation: 734.74 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois Intersection of Madison Street and Washington Street (US 54 / IL 106)



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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 54IL 106 SOIL BORING LOGS			
SCALE:	SHEET 27	OF 27 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PKI	181	156A
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



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www.sciengineering.com
SCI Project: 2018-3237.10

**CPT B-7,
Station 8+14.00' @ 41.00' RT.**

CPT = Cone Penetrometer Test **CPT: B-7**

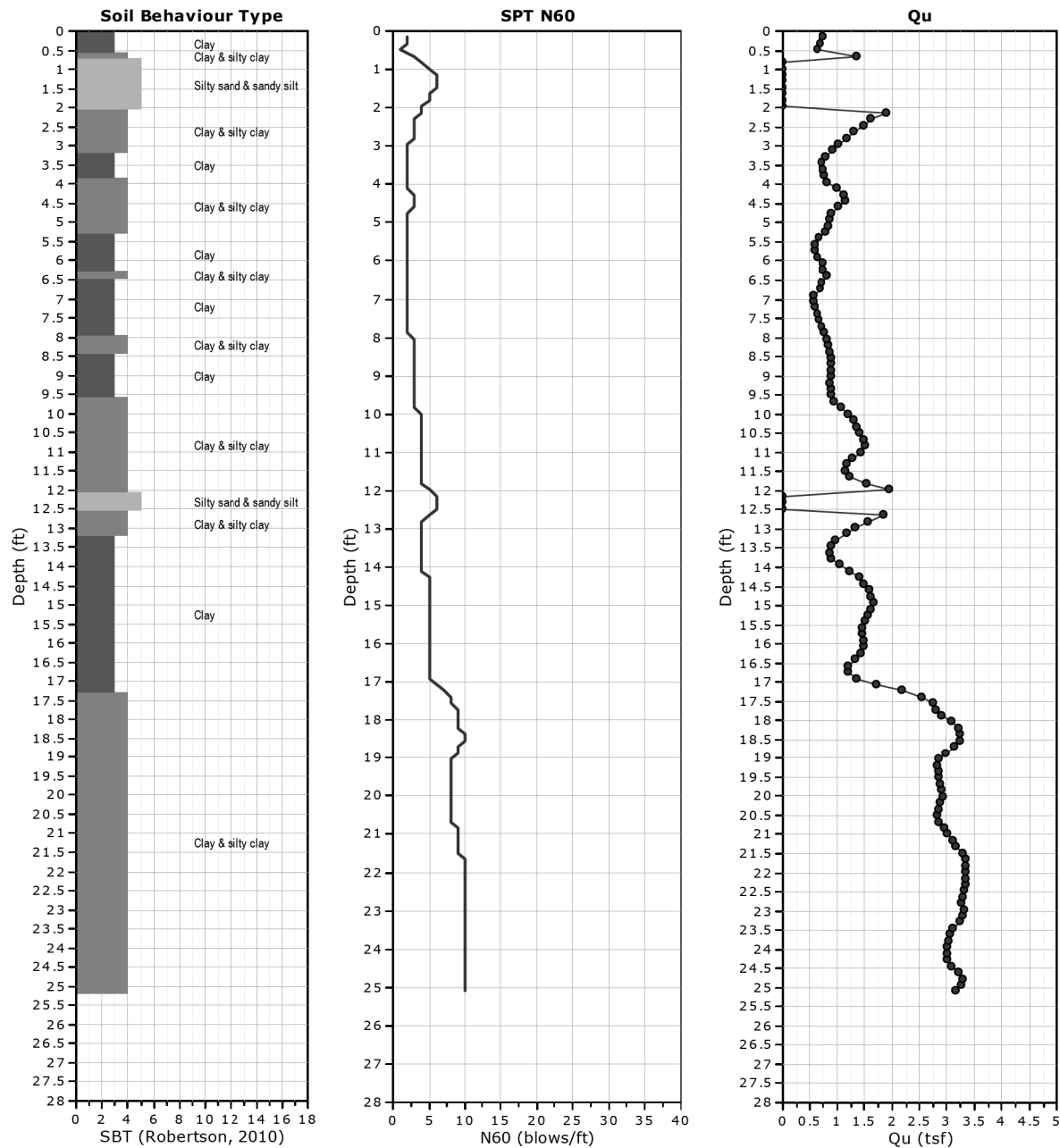
Total depth: 25.10 ft, Date: 8/29/2019

Surface Elevation: 725.33 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois Intersection of Jackson Street and Washington Street (US 54 / IL 106)



CPeT-IT v.2.1.1.8 - CPTU data presentation & interpretation software - Report created on: 9/4/2019, 5:52:08 PM
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www.sciengineering.com
SCI Project: 2018-3237.10

**CPT B-8,
Station 1000+32.00' @ 56.00' RT.**

CPT = Cone Penetrometer Test **CPT: B-8**

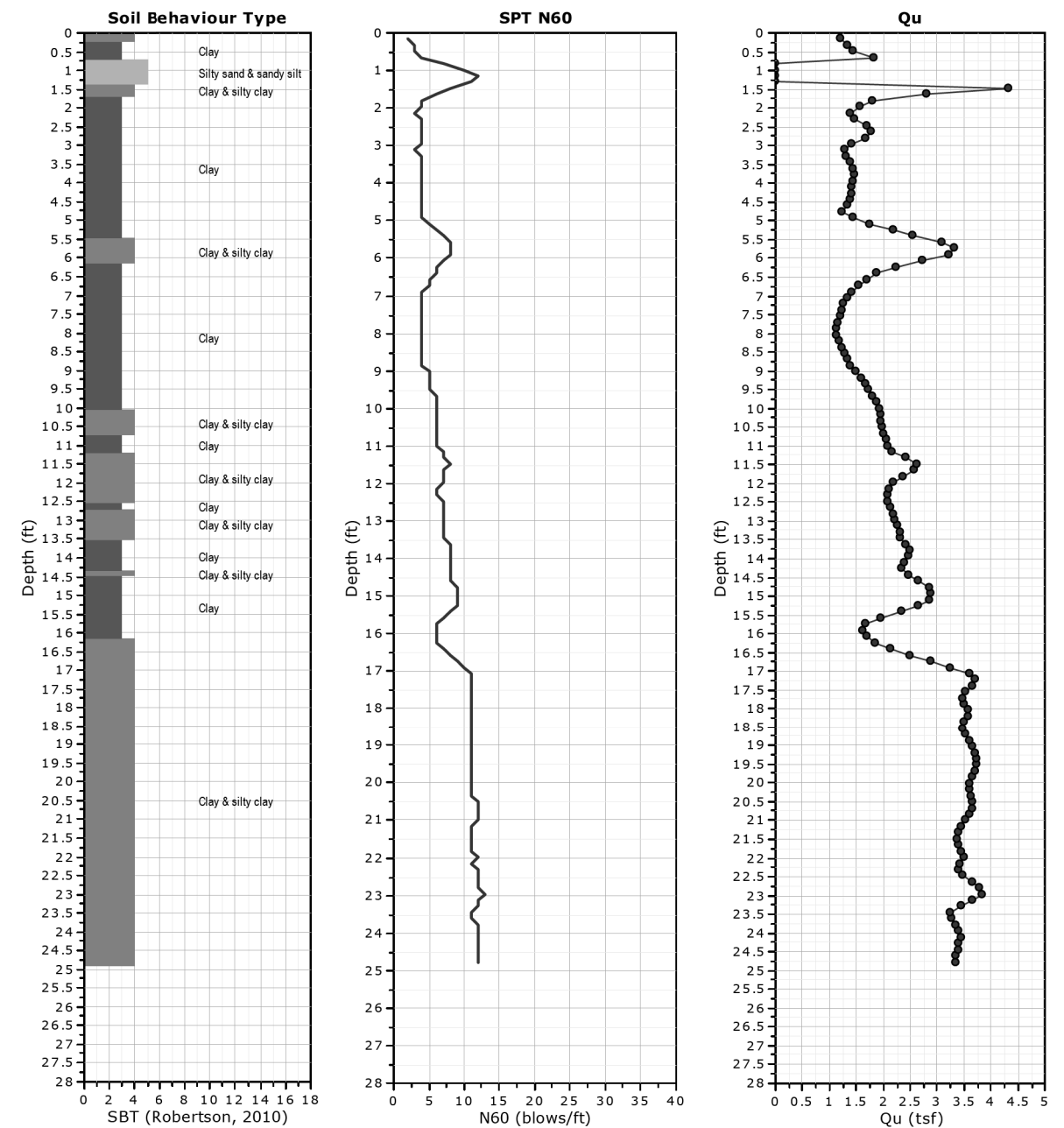
Total depth: 24.77 ft, Date: 8/29/2019

Surface Elevation: 724.21 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois Intersection of Jackson Street and Washington Street (US 54 / IL 106)



CPeT-IT v.2.1.1.8 - CPTU data presentation & interpretation software - Report created on: 8/30/2019, 12:09:36 PM
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	DATE -	REVISED -

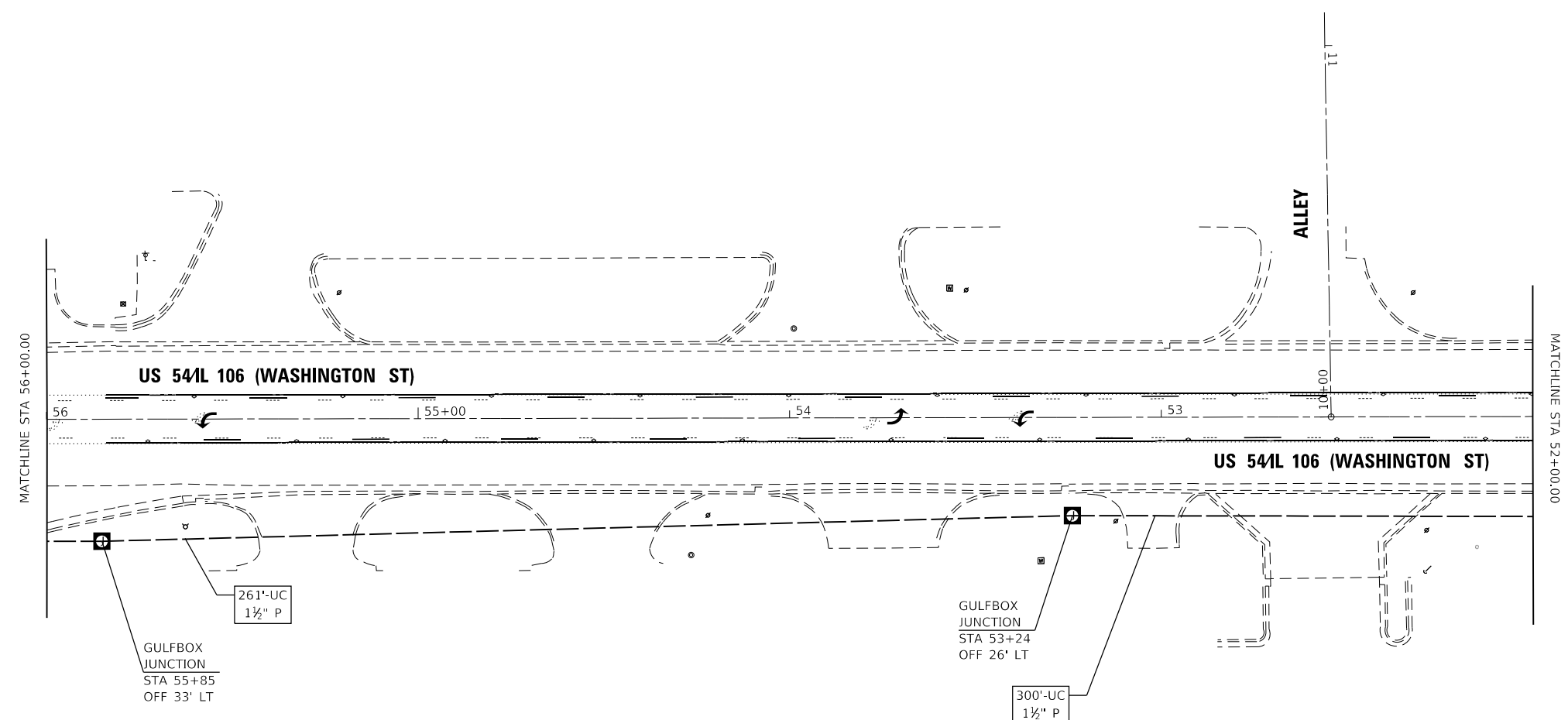
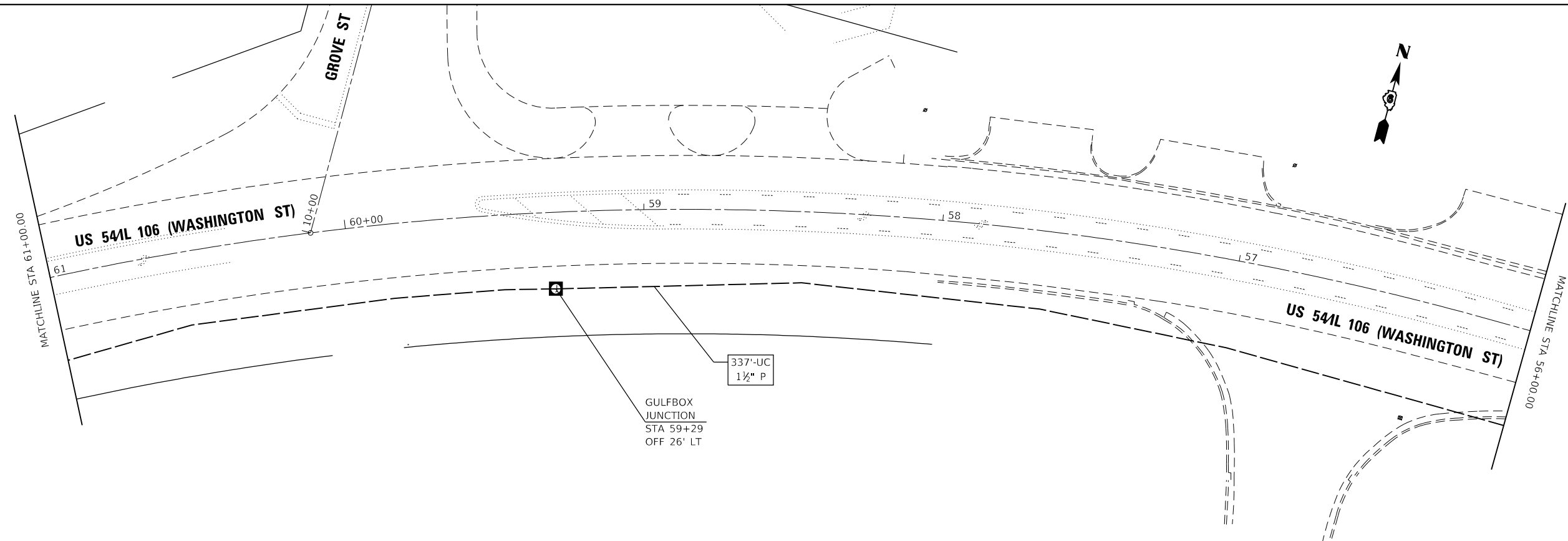
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 54/IL 106
SOIL BORING LOGS**

SCALE: SHEET 27 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PKA	181	156B
CONTRACT NO. 72H83				
ILLINOIS		FED. AID PROJECT		

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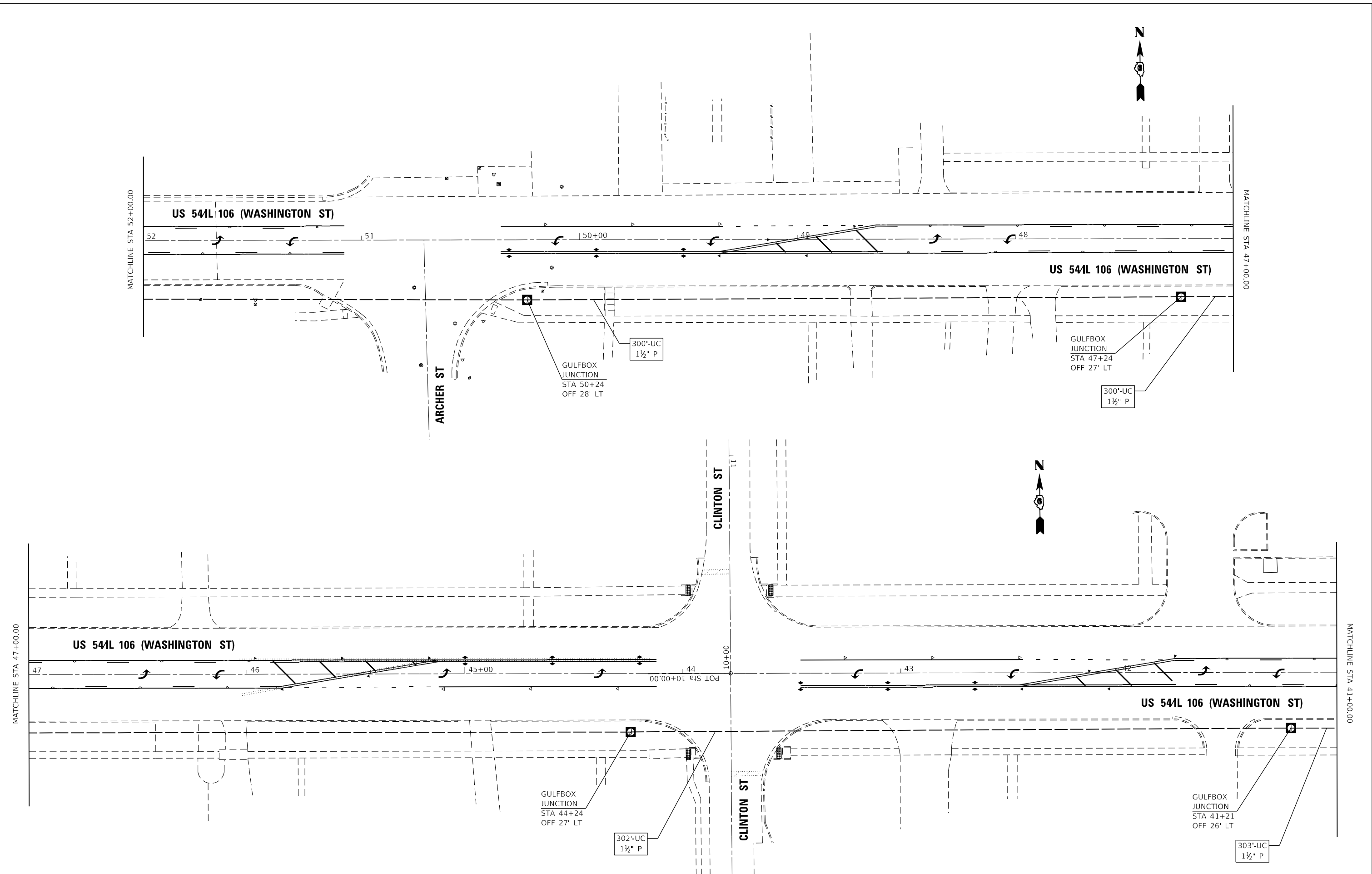
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT
 US 54 (WASHINGTON ST)**

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	158
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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	DATE -	REVISED -

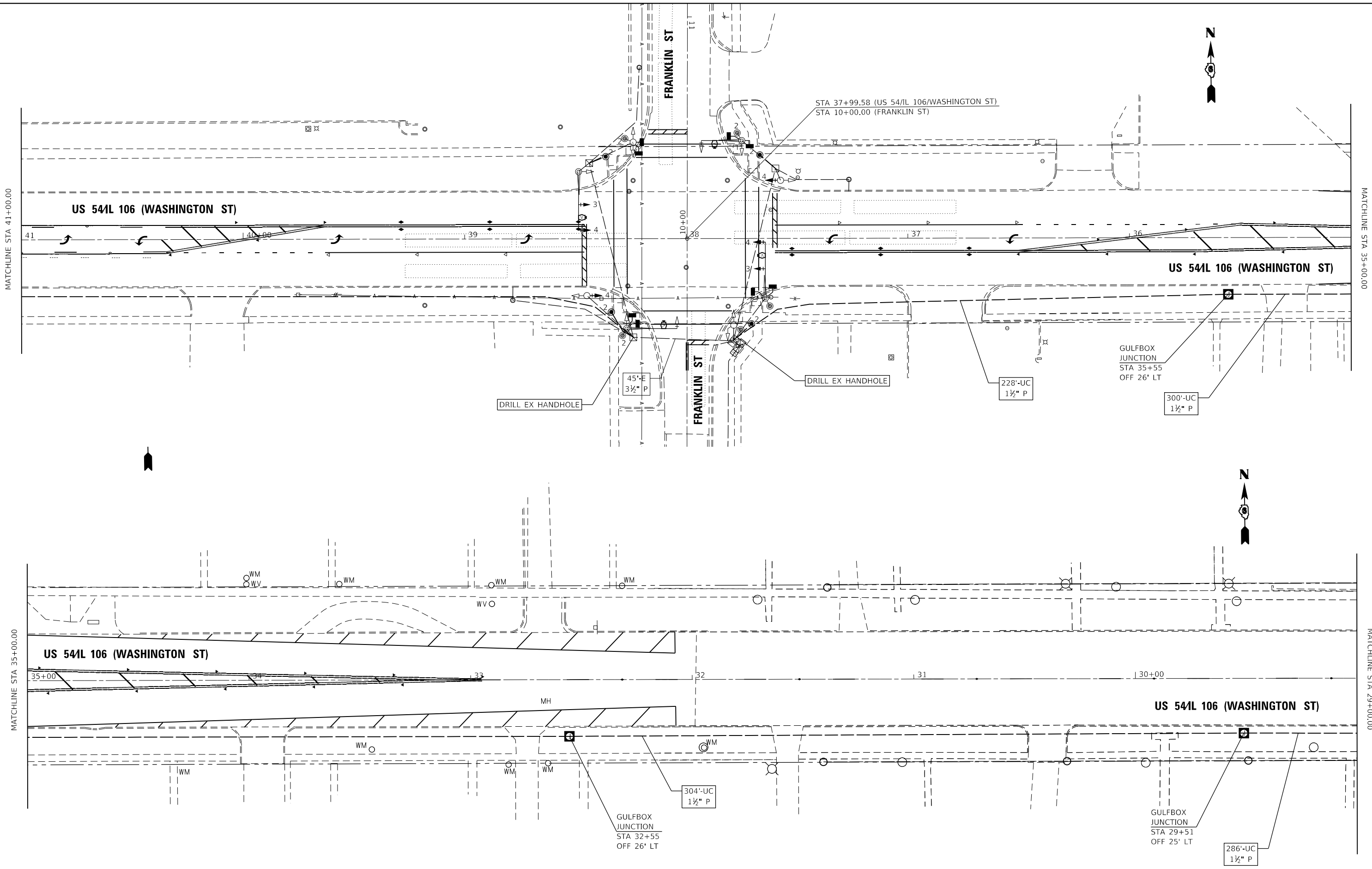
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT
US 54 (WASHINGTON ST)**

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	159
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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	DATE -	REVISED -

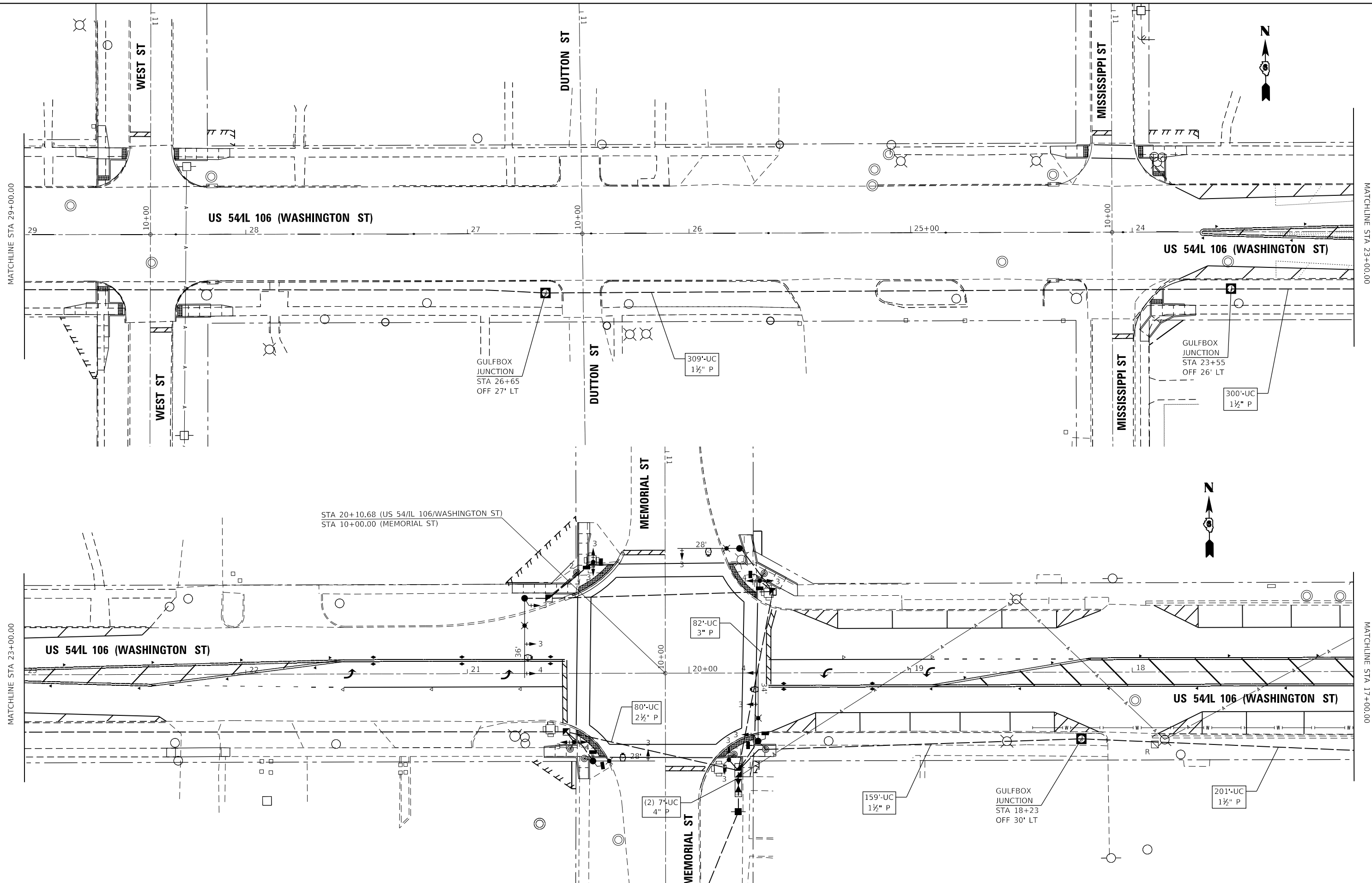
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT
 US 54 (WASHINGTON ST)**

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	160
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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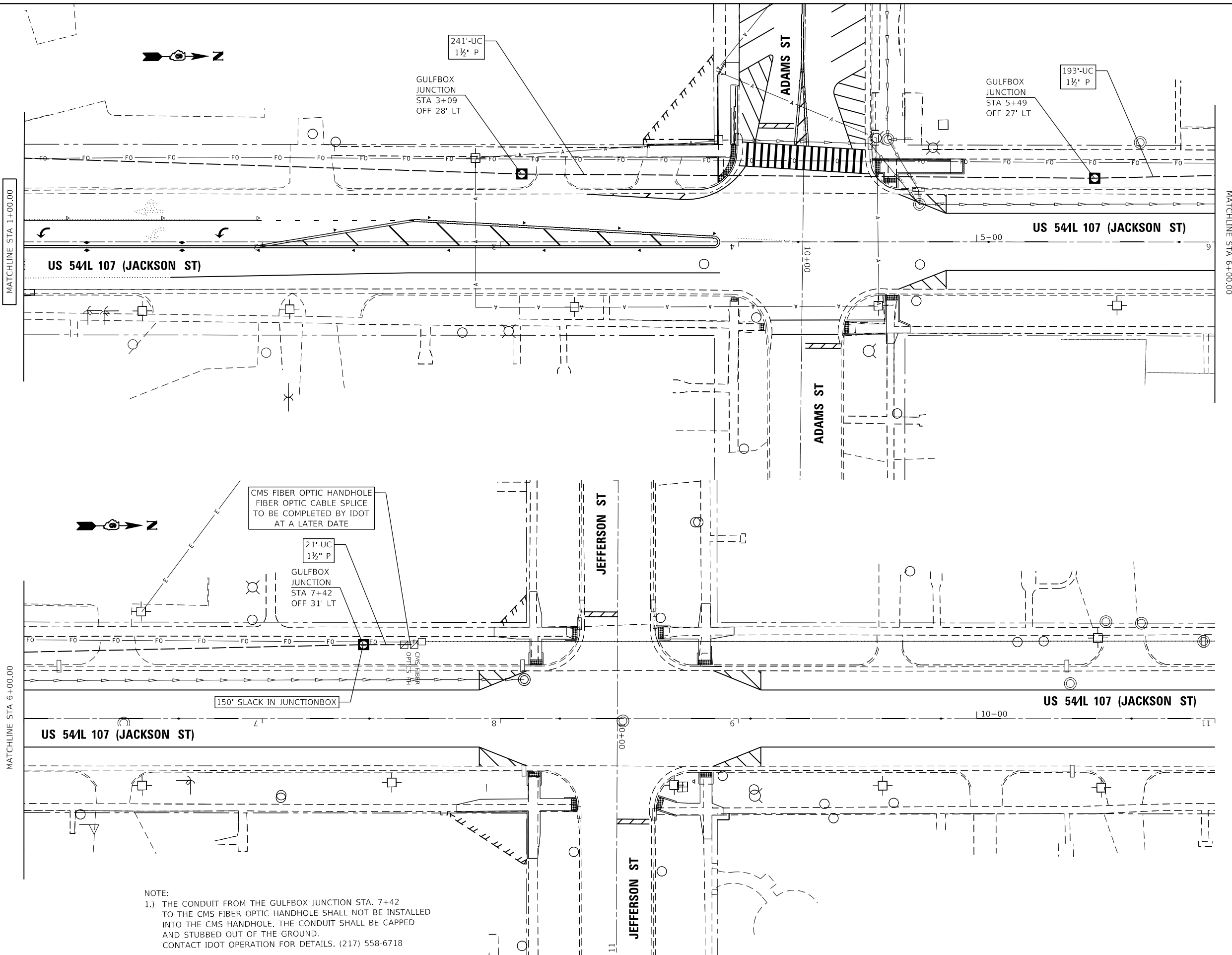
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PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT
 US 54 (WASHINGTON ST)**

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	161
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



NOTE:
 1.) THE CONDUIT FROM THE GULFBOX JUNCTION STA. 7+42 TO THE CMS FIBER OPTIC HANDHOLE SHALL NOT BE INSTALLED INTO THE CMS HANDHOLE. THE CONDUIT SHALL BE CAPPED AND STUBBED OUT OF THE GROUND. CONTACT IDOT OPERATION FOR DETAILS. (217) 558-6718

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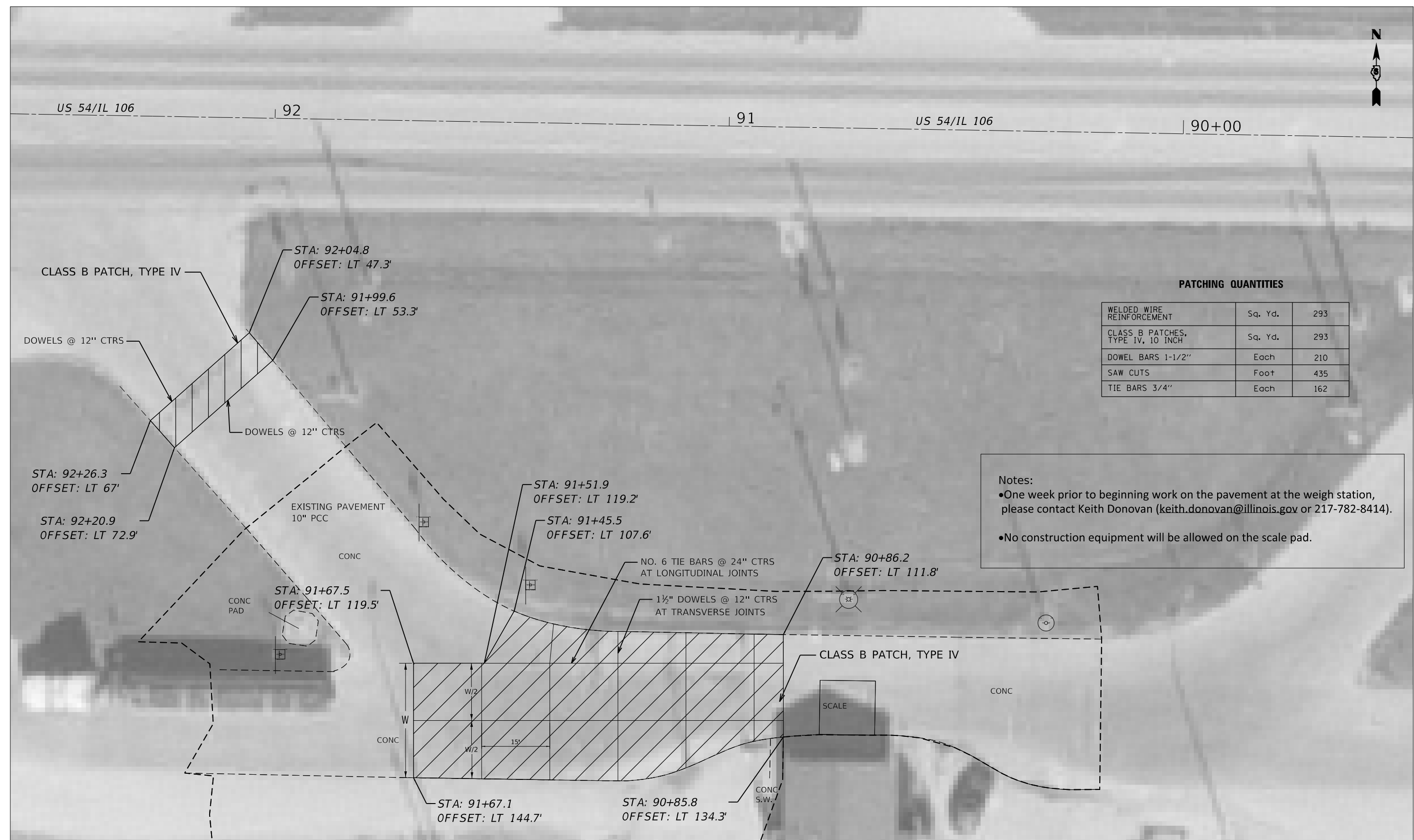
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT
 US 54 (JACKSON ST)**
 SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	163
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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PATCHING QUANTITIES

WELDED WIRE REINFORCEMENT	Sq. Yd.	293
CLASS B PATCHES, TYPE IV, 10 INCH	Sq. Yd.	293
DOWEL BARS 1-1/2"	Each	210
SAW CUTS	Foot	435
TIE BARS 3/4"	Each	162

Notes:
 •One week prior to beginning work on the pavement at the weigh station, please contact Keith Donovan (keith.donovan@illinois.gov or 217-782-8414).
 •No construction equipment will be allowed on the scale pad.

p:\planning\com\dot\illinois\dot\dot\Documents\DOT_Offices\District_6\Projects\0672H83\ConsultantData\Klinger\2019-08-7_Submittal\DOT_Weigh_Station\0672H83_pav1_patch_sht1.plandgn

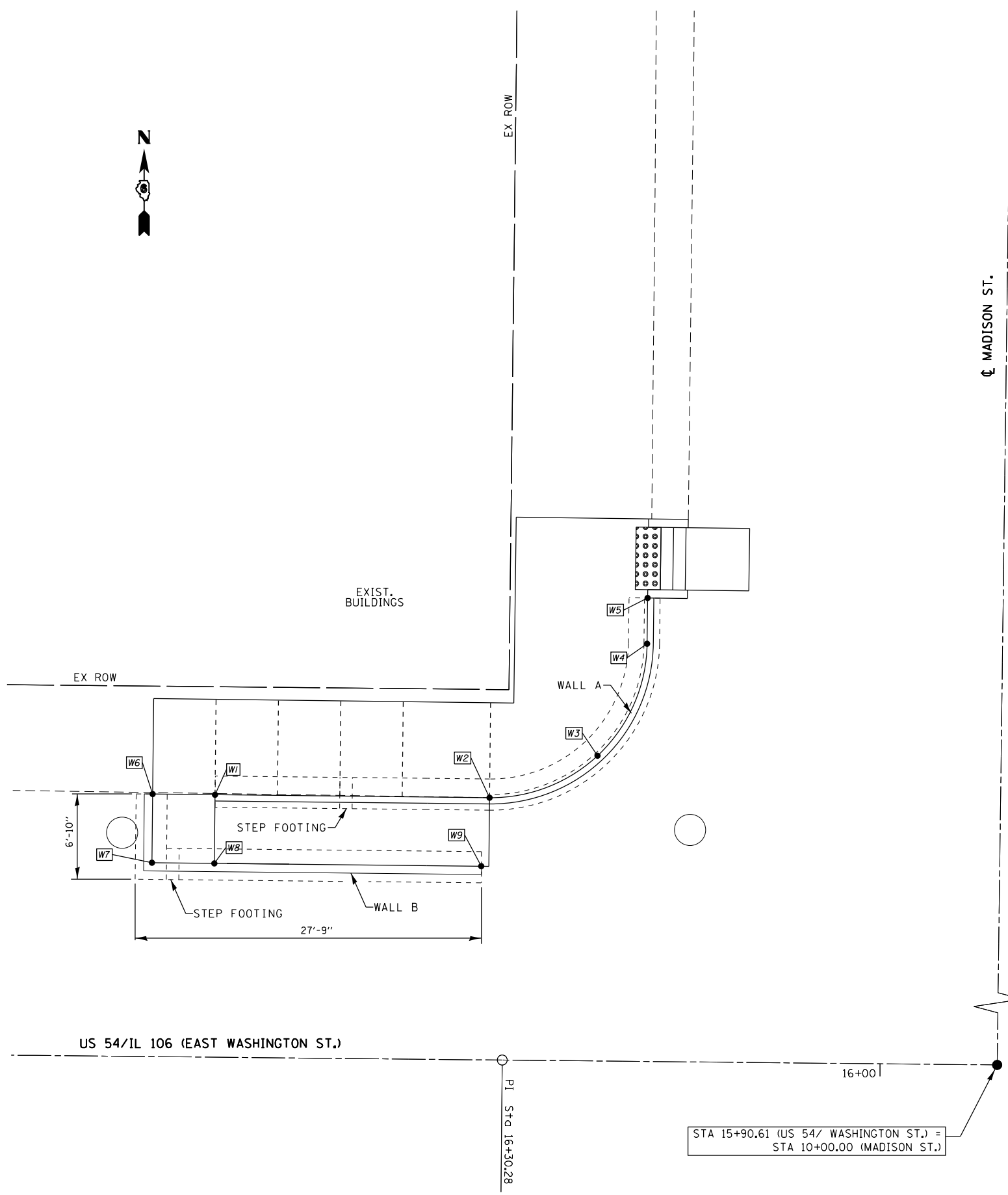
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USER NAME = jackee	DESIGNED -	REVISED -
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

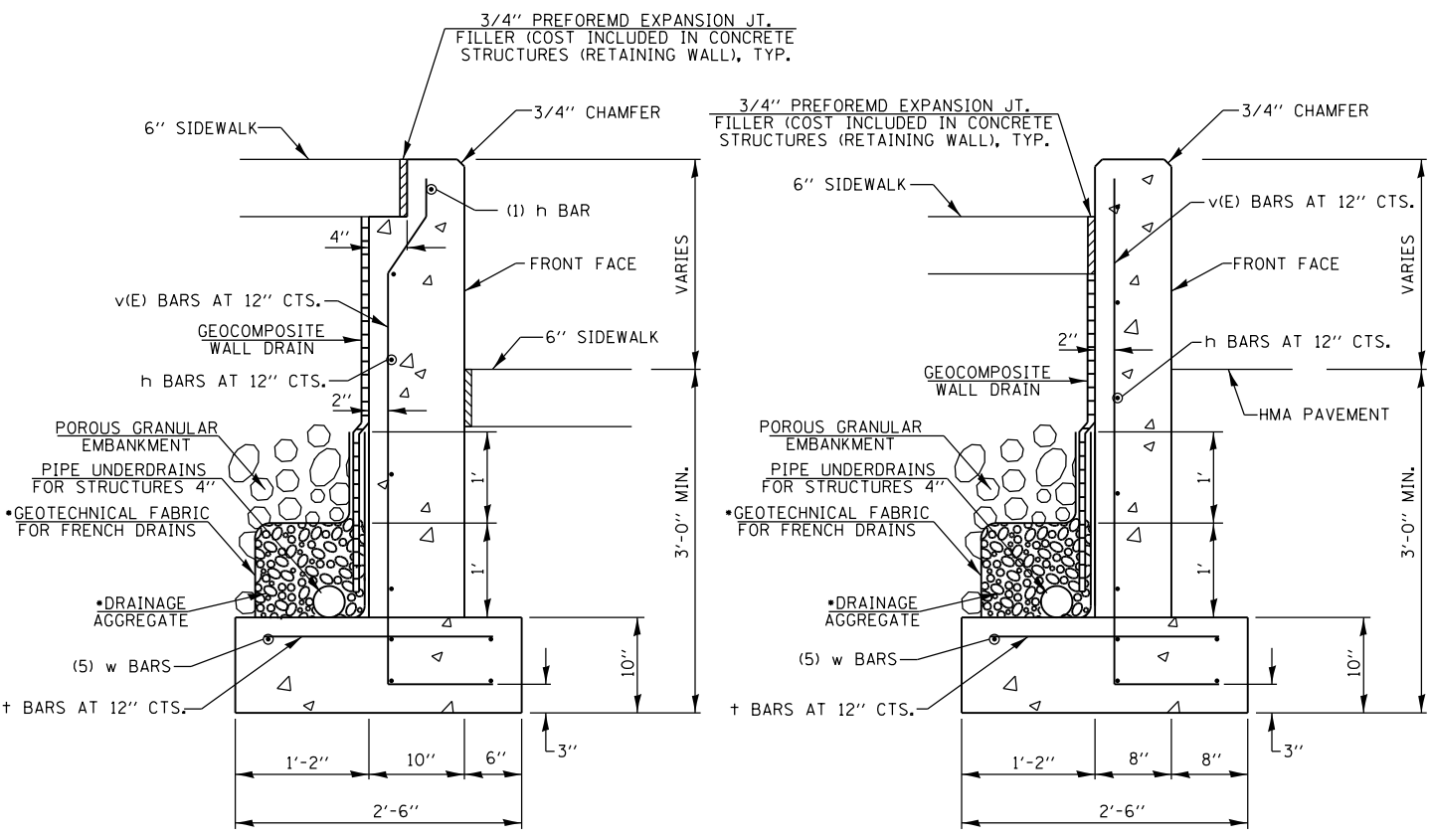
WEIGH STATION PAVEMENT PATCHING SHEET
US 54 /IL 106 (EAST WASHINGTON ST.)
 SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	164
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



WALL ELEVATIONS

POINT	US 54/WASHINGTON ST.		MADISON ST.		TOP OF WALL ELEVATION	TOP OF FOOTING ELEVATION
	STATION	OFFSET	STATION	OFFSET		
W1	16+53.48	31.63' RT	10+31.43	62.97' LT	736.57	733.50
W2	16+31.48	31.61' RT	10+31.48	40.97' LT	736.67	732.50
W3	16+22.85	35.06' RT	10+34.96	32.35' LT	736.63	732.50
W4	16+18.97	44.07' RT	10+43.98	28.50' LT	736.73	732.50
W5	16+18.95	47.74' RT	10+47.65	28.50' LT	736.91	732.50
W6	16+58.48	31.63' RT	10+31.42	67.97' LT	737.06	731.50
W7	16+58.48	26.13' RT	10+25.92	67.96' LT	737.04	732.50
W8	16+53.48	26.13' RT	10+25.93	62.96' LT	736.99	732.50
W9	16+32.08	26.11' RT	10+25.98	41.54' LT	735.53	732.50



REINFORCED CONCRETE WALL A REINFORCED CONCRETE WALLS B&C

• INCLUDED IN THE COST OF PIPE UNDERDRAINS FOR STRUCTURES, (SEE SPECIAL PROVISIONS)

DESIGN SPECIFICATIONS

2014 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
7TH EDITION WITH 2015 AND 2016 INTERIMS

DESIGN STRESSES

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (REINFORCEMENT)
SOIL UNCONFINED COMPRESSIVE STRENGTH = 1,500 PSF

REV. 1-7-2020

SHEET 1 OF 8

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

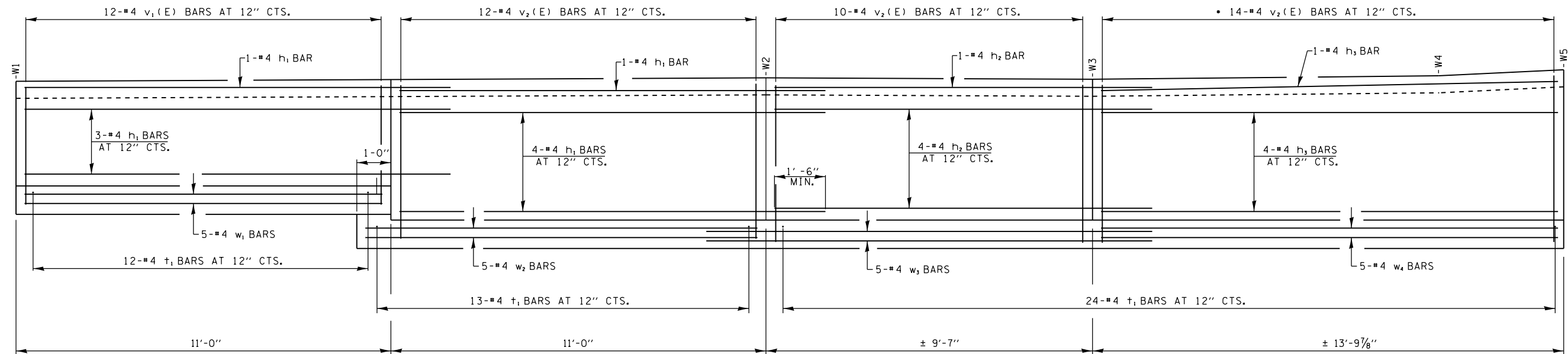
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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL DETAILS
MADISON STREET /N.W. QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST.)**

SCALE: 1:5 SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) R5-8, ADA	PIKE	181	165
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



* TRIM BARS AS NEEDED

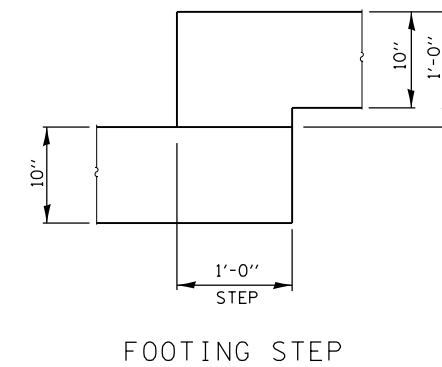
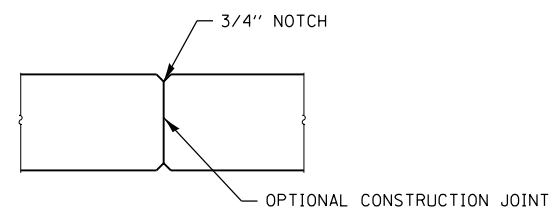
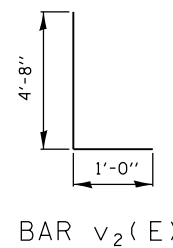
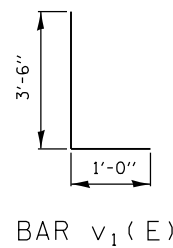
WALL A PROFILE - REINFORCEMENT LAYOUT

LOOKING UNFOLDED ALONG FRONT FACE OF WALL
DIMENSIONS TAKEN ALONG ϕ OF WALL

	NO.	SIZE	LENGTH	SHAPE
h_1	9	#4	12'-6"	
h_2	5	#4	11'-2"	
h_3	5	#4	13'-4"	
t_1	49	#4	2'-0"	
v_1 (E)	12	#4	4'-6"	
v_2 (E)	48	#4	5'-8"	
w_1	5	#4	10'-6"	
w_2	5	#4	11'-6"	
w_3	5	#4	13'-5"	
w_4	5	#4	13'-10"	
CONCRETE STRUCTURES (RETAINING WALL)		Cu. Yd.	9.0	
REINFORCEMENT BARS, EPOXY COATED		Pound	220	
REINFORCEMENT BARS		Pound	390	
GEOCOMPOSITE WALL DRAIN		Sq. Yd.	20	
PIPE UNDERDRAINS FOR STRUCTURES 4"		Foot	53	
POROUS GRANULAR EMBANKMENT		Cu. Yd.	104.7	

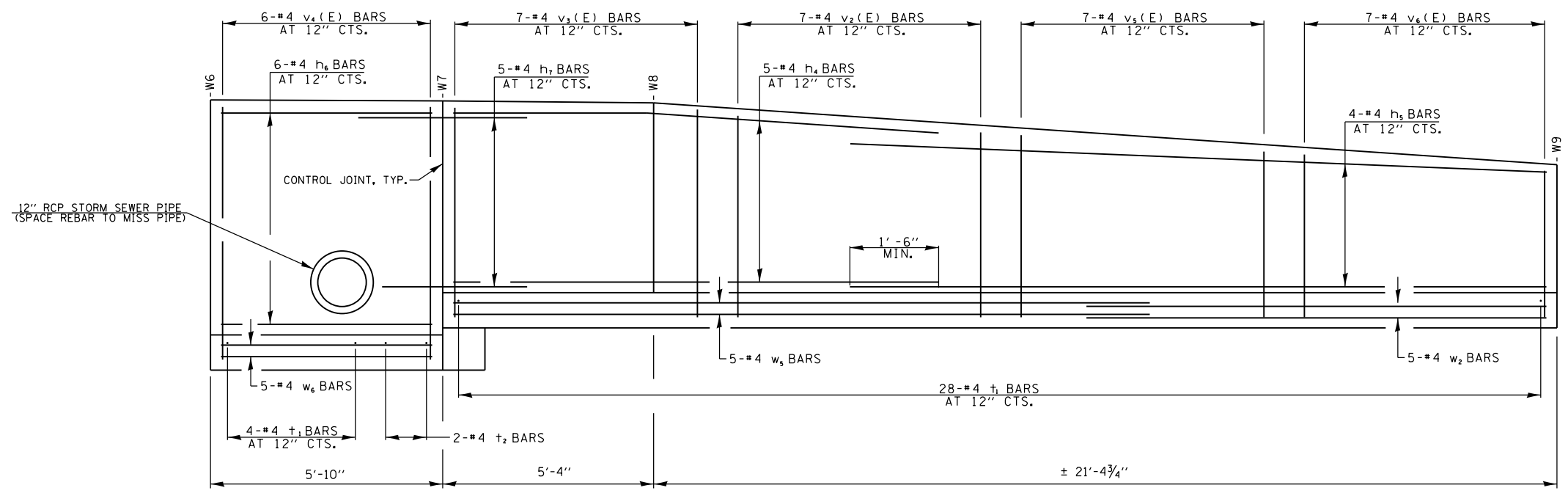
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

REINFORCEMENT BARS SHALL BE FIELD BENDED AND TRIMMED, AS NEEDED.



REV. 1-7-2020

SHEET 2 OF 8

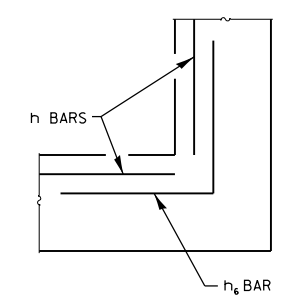
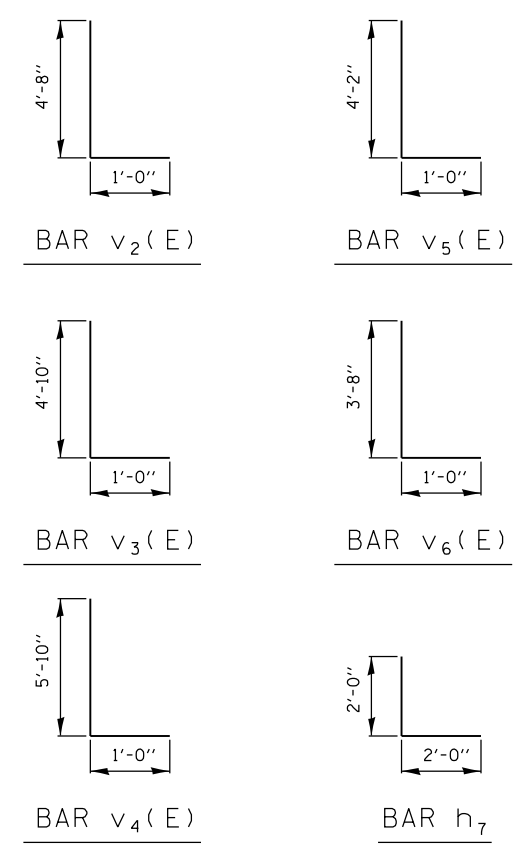


	NO.	SIZE	LENGTH	SHAPE
h ₄	5	#4	11'-6"	—
h ₅	4	#4	16'-6"	—
h ₆	6	#4	5'-4"	—
h ₇	5	#4	4'-0"	—
t ₁	33	#4	2'-0"	—
t ₂	2	#4	3'-0"	—
v ₂ (E)	7	#4	5'-8"	—
v ₃ (E)	7	#4	5'-10"	—
v ₄ (E)	6	#4	6'-10"	—
v ₅ (E)	7	#4	5'-2"	—
v ₆ (E)	7	#4	4'-8"	—
w ₂	5	#4	11'-6"	—
w ₅	5	#4	16'-6"	—
w ₆	5	#4	5'-4"	—
CONCRETE STRUCTURES (RETAINING WALL)			Cu. Yd.	6.0
REINFORCEMENT BARS, EPOXY COATED			Pound	130
REINFORCEMENT BARS			Pound	280
GEOCOMPOSITE WALL DRAIN			Sq. Yd.	15
PIPE UNDERDRAINS FOR STRUCTURES 4"			Foot	50
POROUS GRANULAR EMBANKMENT			Cu. Yd.	16.7

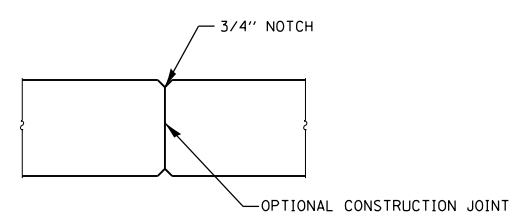
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
 REINFORCEMENT BARS SHALL BE FIELD BENDED AND TRIMMED, AS NEEDED.

WALL B PROFILE -REINFORCEMENT LAYOUT

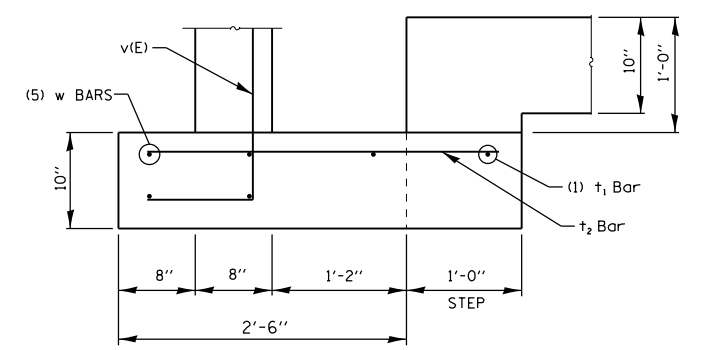
LOOKING UNFOLDED ALONG FRONT FACE OF WALL
 DIMENSIONS TAKEN ALONG C OF WALL



CORNER REINFORCEMENT



CONTROL JOINT
 SEE PROFILE FOR LOCATIONS



FOOTING STEP

REV. 1-7-2020

SHEET 3 OF 8

THIS SHEET INTENTIONALLY LEFT BLANK

REV. 1-7-2020

SHEET 4 OF 8

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 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cds	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/19/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BLANK SHEET

SCALE: 1:5 SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	168
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

**TOP OF WALL ELEVATIONS – S.W. QUADRANT
US 54 / WASHINGTON ST. – MADISON ST.**

POINT	US 54/ WASHINGTON ST.		MADISON ST.		TOP OF WALL ELEVATION	TOP OF FOOTING ELEVATION
	STATION	OFFSET	STATION	OFFSET		
W1	16+60.98	30.43' LT	9+69.34	70.28' LT	736.75	732.75
W2	16+36.53	30.49' LT	9+69.37	45.83' LT	736.68	732.75
W3	16+27.95	33.81' LT	9+66.08	37.24' LT	736.64	732.75
W4	16+25.06	38.18' LT	9+61.71	34.33' LT	736.66	732.75
W5	16+24.28	42.44' LT	9+57.45	33.54' LT	736.68	732.75
W6	16+22.37	48.79' LT	9+51.11	31.61' LT	736.71	732.75
W7	16+22.42	55.04' LT	9+44.86	31.64' LT	736.64	732.75
W8	16+36.78	24.99' LT	9+74.87	46.09' LT	735.61	732.50
W9	16+60.97	24.94' LT	9+74.84	70.28' LT	737.17	732.50
W10	16+65.97	24.93' LT	9+74.83	75.28' LT	737.18	732.50
W11	16+65.98	30.43' LT	9+69.33	75.28' LT	737.26	731.75

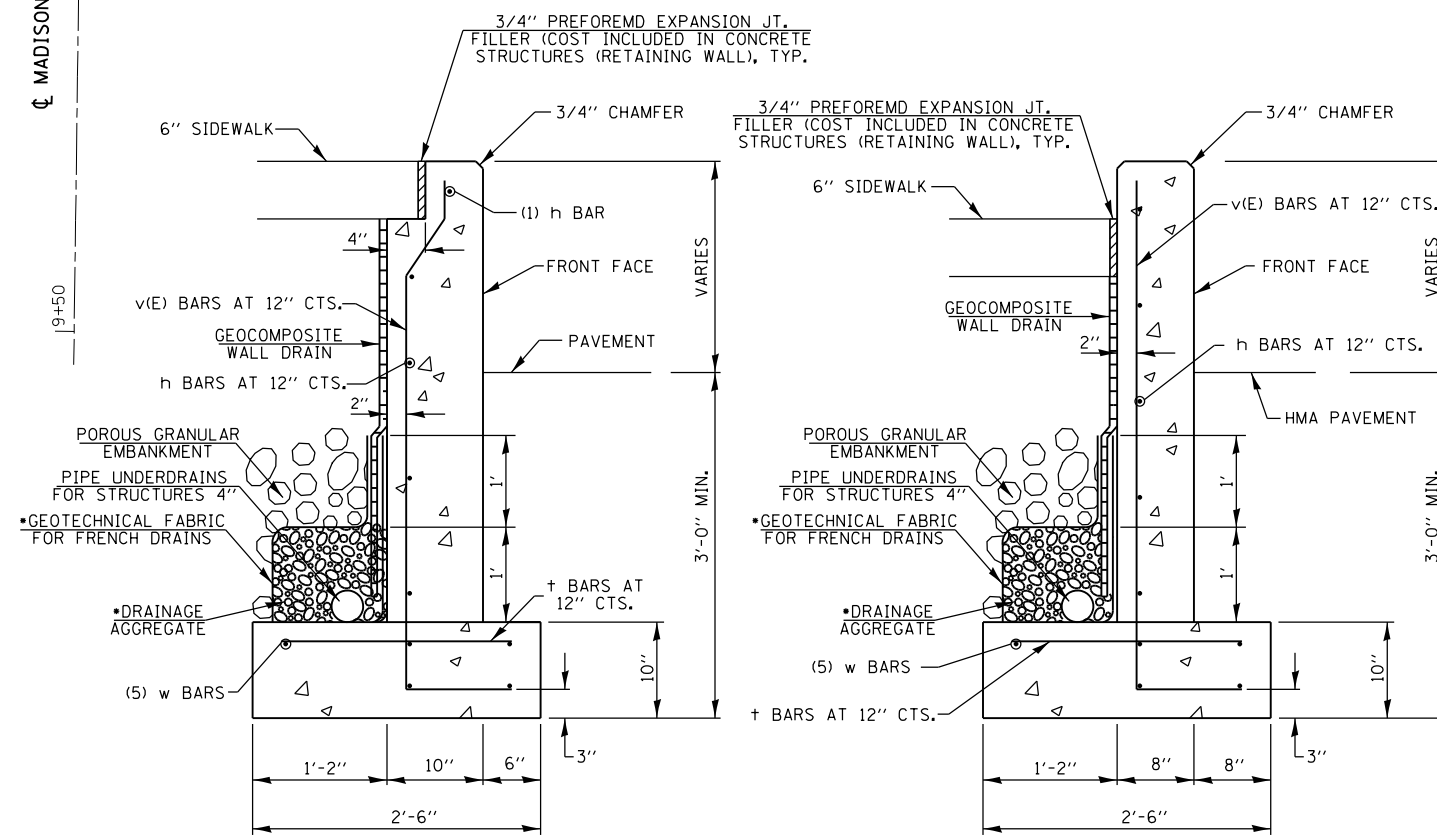
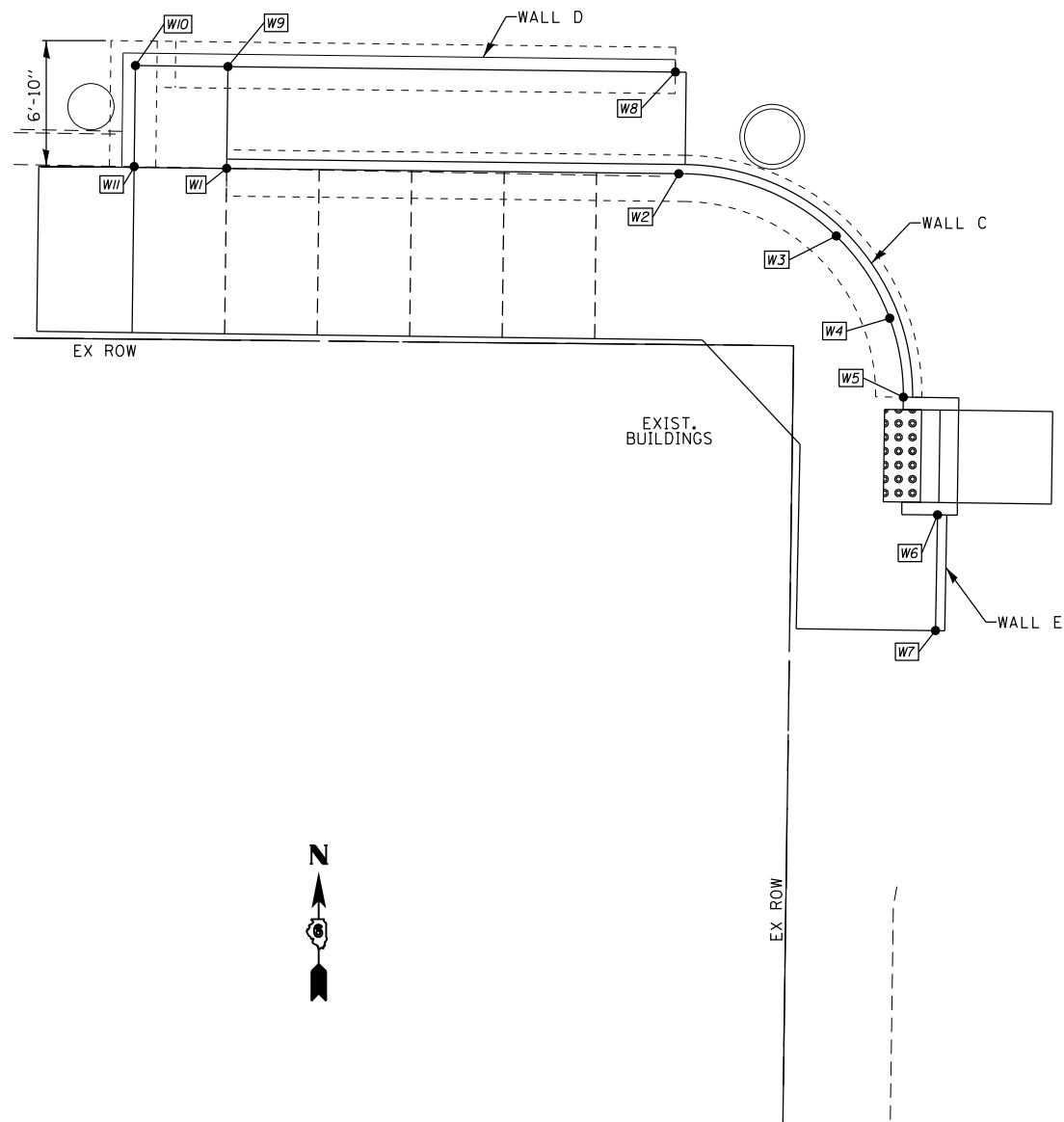
STA 15+90.61 (US 54/ WASHINGTON ST.) =
STA 10+00.00 (MADISON ST.)

US 54/IL 106 (WASHINGTON ST.)

16+00

CL MADISON ST.

19+50



REINFORCED CONCRETE WALLS C AND E

REINFORCED CONCRETE WALL D

* INCLUDED IN THE COST OF PIPE UNDERDRAINS FOR STRUCTURES, (SEE SPECIAL PROVISIONS)

DESIGN SPECIFICATIONS

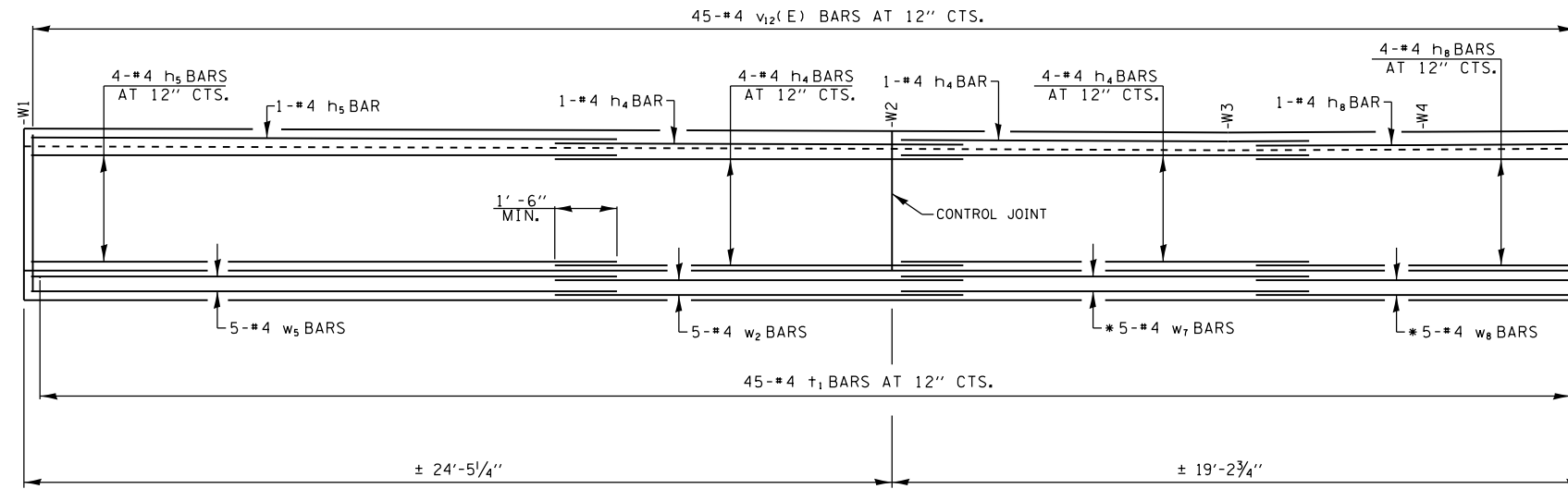
2014 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
7TH EDITION WITH 2015 AND 2016 INTERIMS

DESIGN STRESSES

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (REINFORCEMENT)
SOIL UNCONFINED COMPRESSIVE STRENGTH = 1,500 PSF

REV. 1-7-2020

SHEET 5 OF 8



WALL C PROFILE -REINFORCEMENT LAYOUT

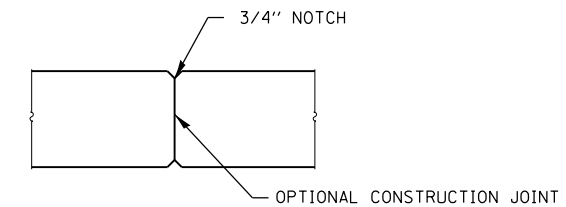
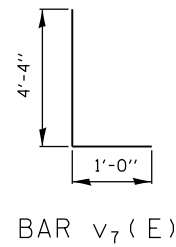
LOOKING UNFOLDED ALONG FRONT FACE OF WALL
DIMENSIONS TAKEN ALONG C OF WALL

* TRIM BARS AS NEEDED

	NO.	SIZE	LENGTH	SHAPE
h ₄	10	#4	11'-6"	=====
h ₅	5	#4	16'-6"	=====
h ₈	5	#4	9'-2"	=====
t ₁	45	#4	2'-0"	=====
v ₇ (E)	45	#4	5'-4"	=====
w ₂	5	#4	11'-6"	=====
w ₅	5	#4	16'-6"	=====
w ₇	5	#4	12'-6"	=====
w ₈	5	#4	9'-4"	=====
CONCRETE STRUCTURES (RETAINING WALL)			CU. YD.	8.6
REINFORCEMENT BARS, EPOXY COATED			POUND	160
REINFORCEMENT BARS			POUND	390
GEOCOMPOSITE WALL DRAIN			SQ. YD.	19
PIPE UNDERDRAINS FOR STRUCTURES 4"			FOOT	51
POROUS GRANULAR EMBANKMENT			CU. YD.	38.5

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

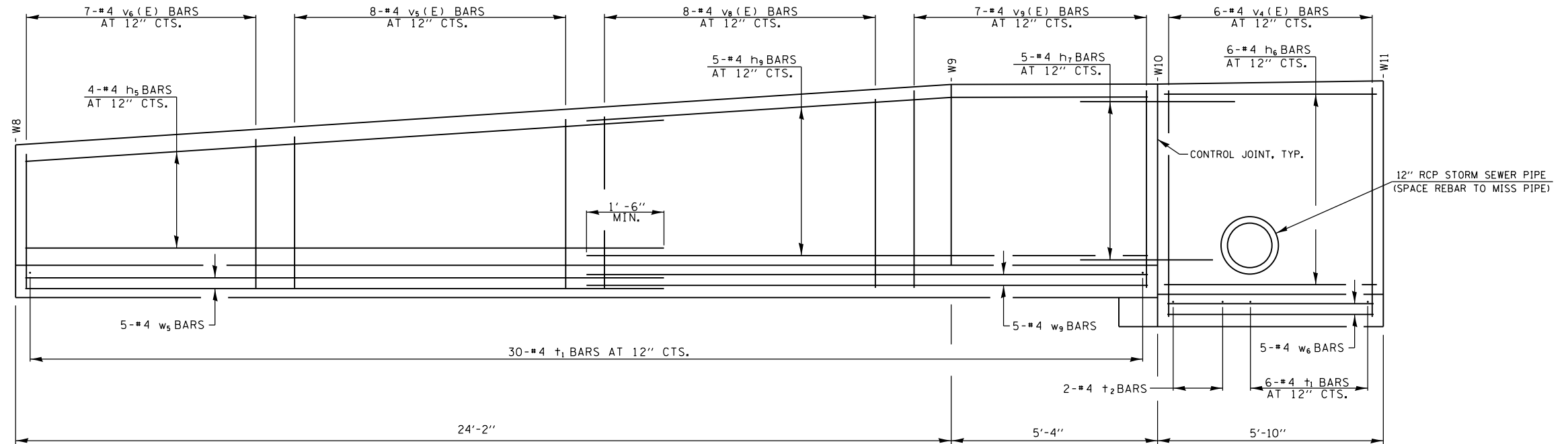
REINFORCEMENT BARS SHALL BE FIELD BENDED AND TRIMMED, AS NEEDED.



CONTROL JOINT
SEE PROFILE FOR LOCATIONS

REV. 1-7-2020

SHEET 6 OF 8

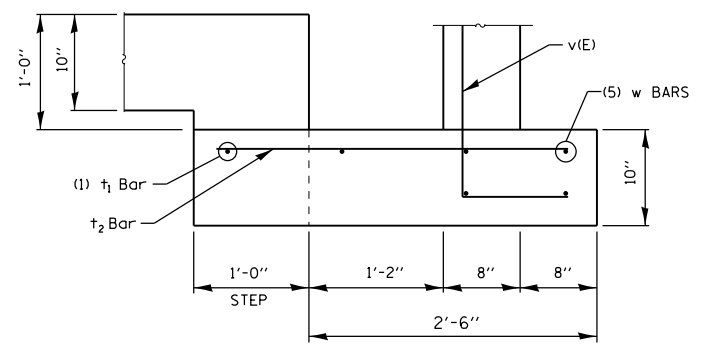
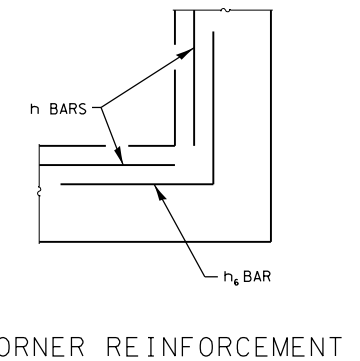
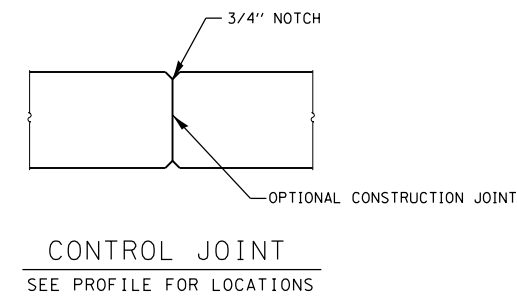
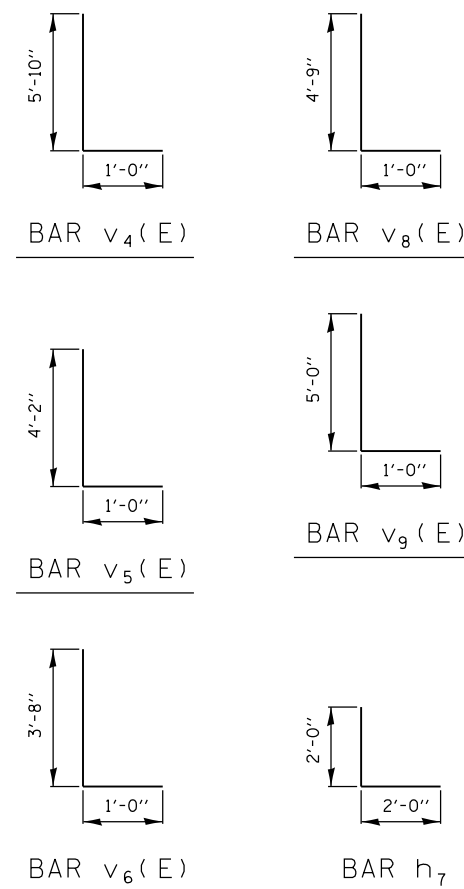


	NO.	SIZE	LENGTH	SHAPE
h ₅	4	#4	16'-6"	
h ₆	6	#4	5'-4"	
h ₇	5	#4	4'-0"	
h ₉	5	#4	14'-6"	
t ₁	36	#4	2'-0"	
t ₂	2	#4	3'-0"	
v ₄ (E)	6	#4	6'-10"	
v ₅ (E)	8	#4	5'-2"	
v ₆ (E)	7	#4	4'-8"	
v ₈ (E)	8	#4	5'-9"	
v ₉ (E)	7	#4	6'-0"	
w ₅	5	#4	16'-6"	
w ₆	5	#4	5'-4"	
w ₉	5	#4	14'-6"	
CONCRETE STRUCTURES (RETAINING WALL)			Cu. Yd.	6.5
REINFORCEMENT BARS, EPOXY COATED			Pound	140
REINFORCEMENT BARS			Pound	300
GEOCOMPOSITE WALL DRAIN			Sq. Yd.	17
PIPE UNDERDRAINS FOR STRUCTURES 4"			Foot	42
POROUS GRANULAR EMBANKMENT			Cu. Yd.	17.9

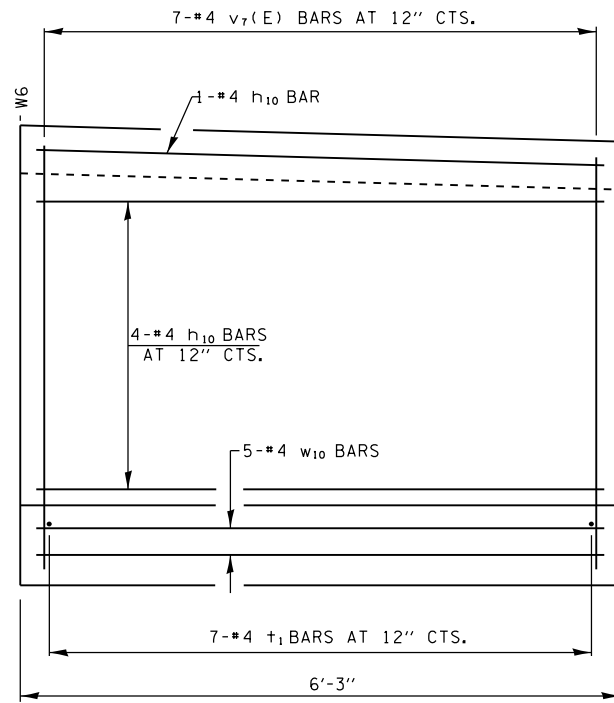
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
 REINFORCEMENT BARS SHALL BE FIELD BENDED AND TRIMMED, AS NEEDED.

WALL D PROFILE -REINFORCEMENT LAYOUT

LOOKING UNFOLDED ALONG FRONT FACE OF WALL
 DIMENSIONS TAKEN ALONG ϕ OF WALL

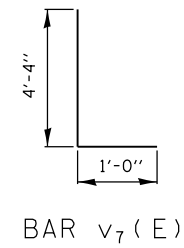


REV. 1-7-2020



WALL E PROFILE -REINFORCEMENT LAYOUT
 LOOKING UNFOLDED ALONG FRONT FACE OF WALL
 DIMENSIONS TAKEN ALONG ϕ OF WALL

	NO.	SIZE	LENGTH	SHAPE
h_{10}	5	#4	5'-11"	—
t_1	7	#4	2'-0"	—
$v_7(E)$	7	#4	5'-4"	┌
w_{10}	5	#4	5'-11"	—
CONCRETE STRUCTURES (RETAINING WALL)			Cu. Yd.	1.2
REINFORCEMENT BARS, EPOXY COATED			Pound	20
REINFORCEMENT BARS			Pound	50
GEOCOMPOSITE WALL DRAIN			Sq. Yd.	3
PIPE UNDERDRAINS FOR STRUCTURES 4"			Foot	10
POROUS GRANULAR EMBANKMENT			Cu. Yd.	3.6



REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
 REINFORCEMENT BARS SHALL BE FIELD BENDED AND TRIMMED, AS NEEDED.

REV. 1-7-2020

PIKE COUNTY COURTHOUSE
215 N. MONROE
54-069-05A

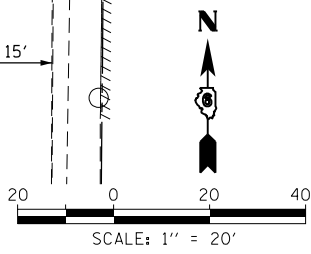
SEE GEOMETRIC SHEETS
FOR ADA IMPROVEMENT
DETAILS AT INTERSECTIONS

SEE GEOMETRIC SHEETS
FOR ADA IMPROVEMENT
DETAILS AT INTERSECTIONS

PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
②	MODIFIED URETHANE, LINE 6" (SOLID WHITE)
③	MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
④	MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
⑤	PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
⑥	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (LARGE)
⑦	MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
⑧	MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS)
⑨	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
⑩	MODIFIED URETHANE, LINE 12" SOLID WHITE
▷	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
▶	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
◆	PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER

PIKE COUNTY
100 E. WASHINGTON
54-071-12

REV. 1-7-2020



D:\08\files\080224\VD_29 - Pittsfield\CADD Sheets\2019\1210_Revision\Rev_D572H83 pavement marking plan-02.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

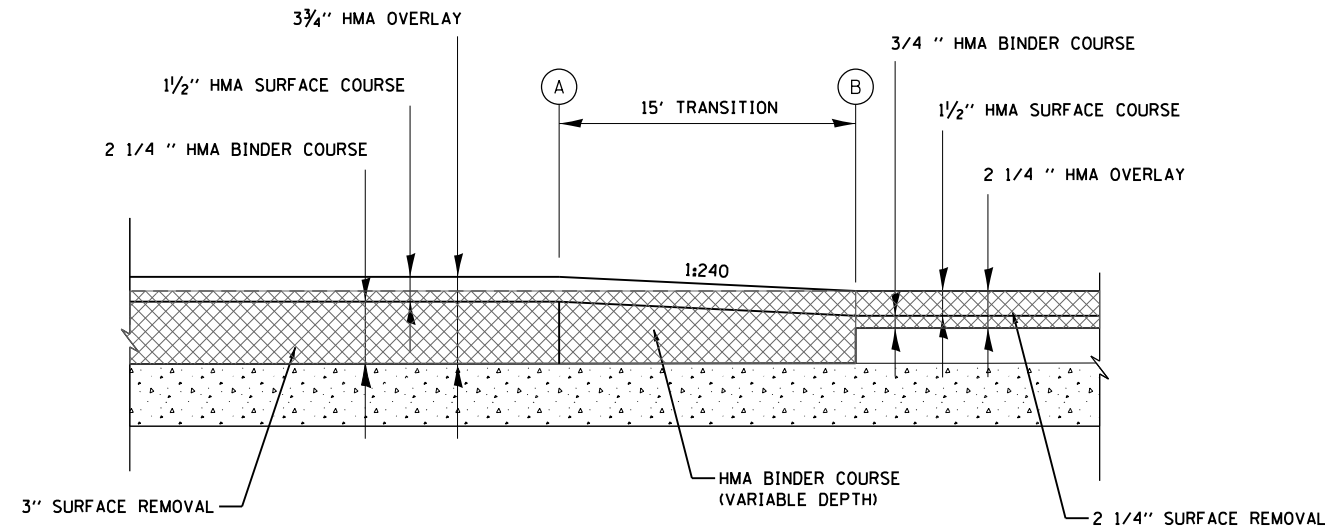
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PLOT DATE = 12/23/2019	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN	
US 54 /IL 106 (EAST WASHINGTON ST.)	
SCALE: 1"=20'	SHEET 2 OF 3 SHEETS STA. 17+00 TO STA. 11+00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	174
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

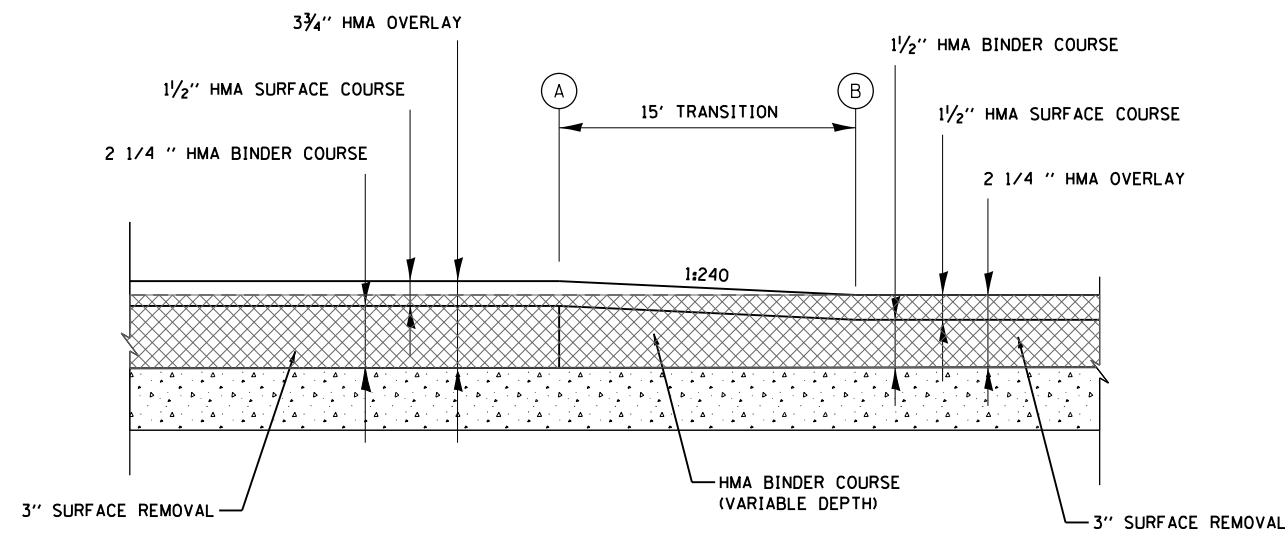
HMA PAVEMENT TRANSITION DETAIL



HMA PAVEMENT TRANSITION LOCATIONS

LOCATION	A	B
FAP 321 (US 54, IL 106)	28+97.00	28+82.00
FAP 321 (US 54 / N. JACKSON)	30+48.50	30+63.50

HMA PAVEMENT TRANSITION DETAIL

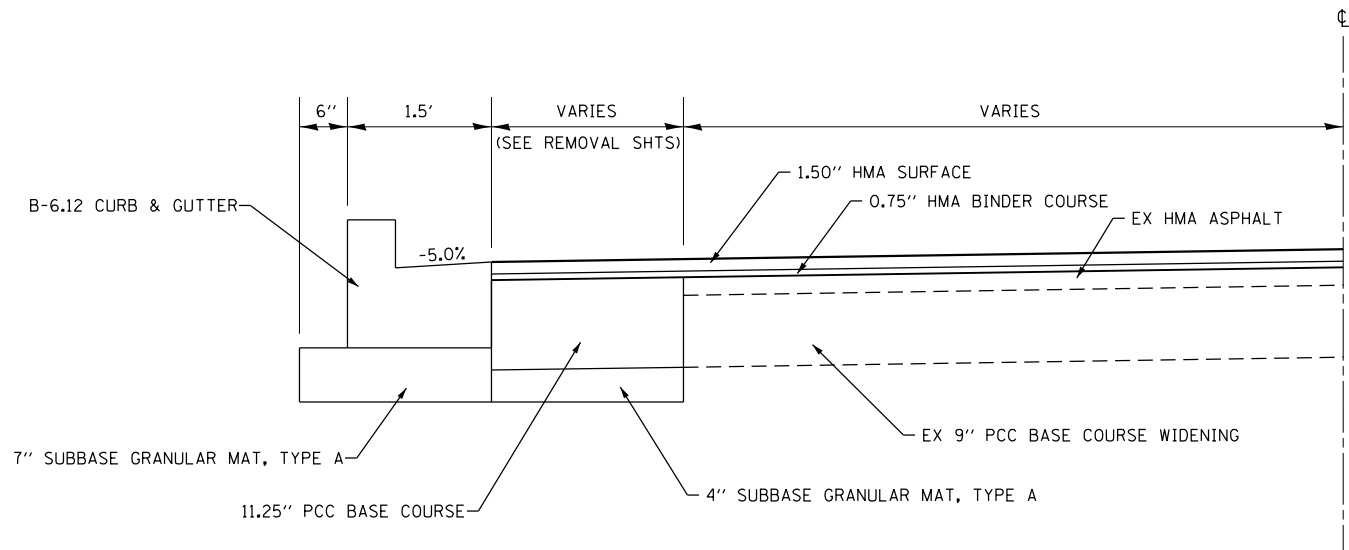


HMA PAVEMENT TRANSITION LOCATIONS

LOCATION	A	B
FAP 321 (US 54 / N. JACKSON)	1+05.00	1+20.00

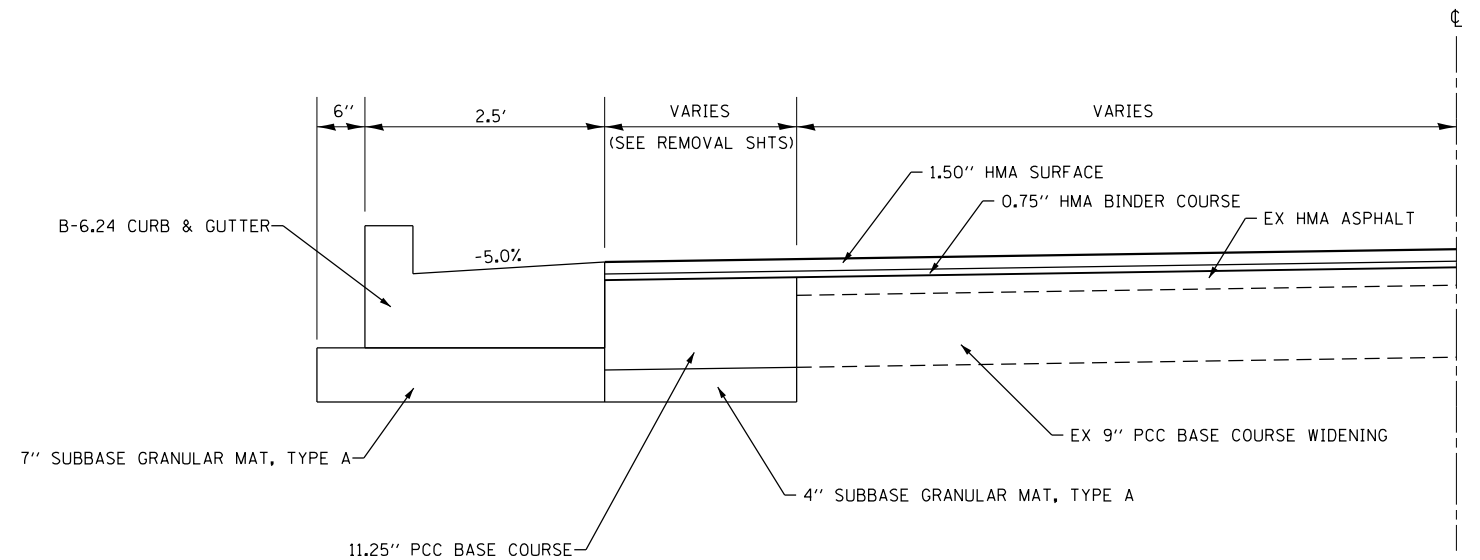
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PROPOSED CURB AND GUTTER DETAIL



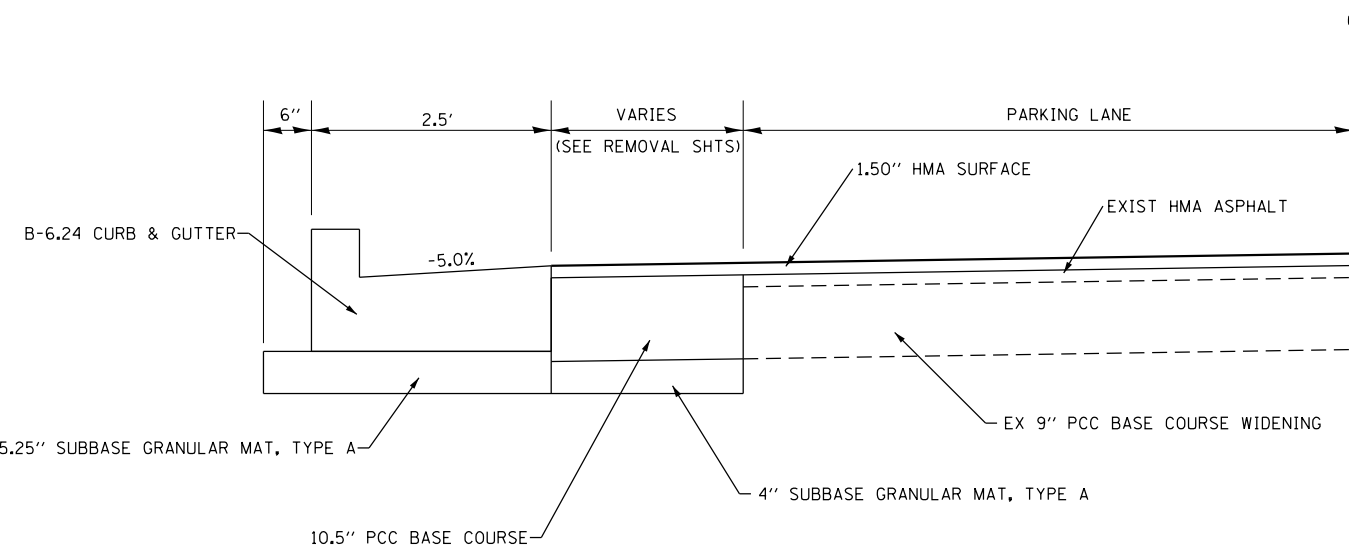
TYPE B-6.12 CURB & GUTTER

WEST STREET: NW, NE, SW, SE QUADRANTS
 MISSISSIPPI STREET: NW, NE, SE QUADRANTS
 MEMORIAL STREET: NW, NE, SW, SE QUADRANTS
 ILLINOIS STREET: NW, NE, SW QUADRANTS



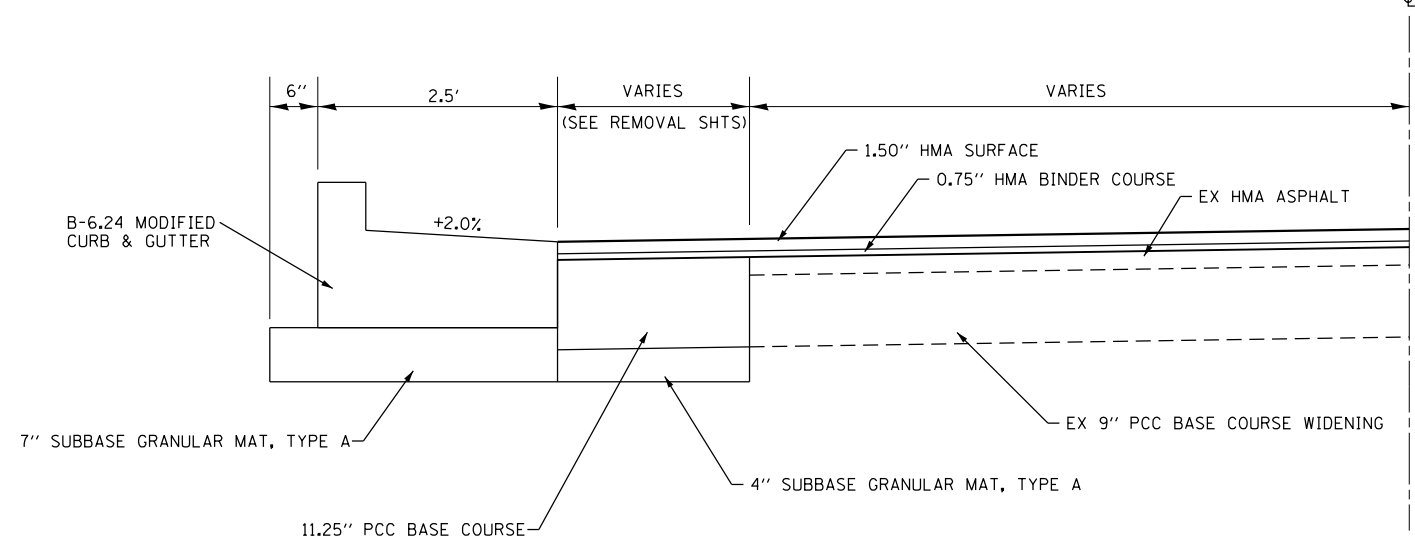
TYPE B-6.24 CURB & GUTTER

MONROE STREET: NE, SW, SE QUADRANTS
 JACKSON STREET: NW, NE, SW, SE QUADRANTS



TYPE B-6.24 CURB & GUTTER

ADAMS STREET: NW, NE, SW, QUADRANTS
 JEFFERSON STREET: NW, NE, SW, SE QUADRANTS
 PERRY STREET: NW, NE, SW, SE QUADRANTS
 NORTH STREET: NW, NE, SW, SE QUADRANTS
 GRIGGSVILLE STREET: NW, NE, SW, SE QUADRANTS
 SHORT STREET: NW, SW QUADRANTS
 BENSON STREET: NW, NE, SW, SE QUADRANTS



TYPE B-6.24 "MODIFIED" CURB & GUTTER

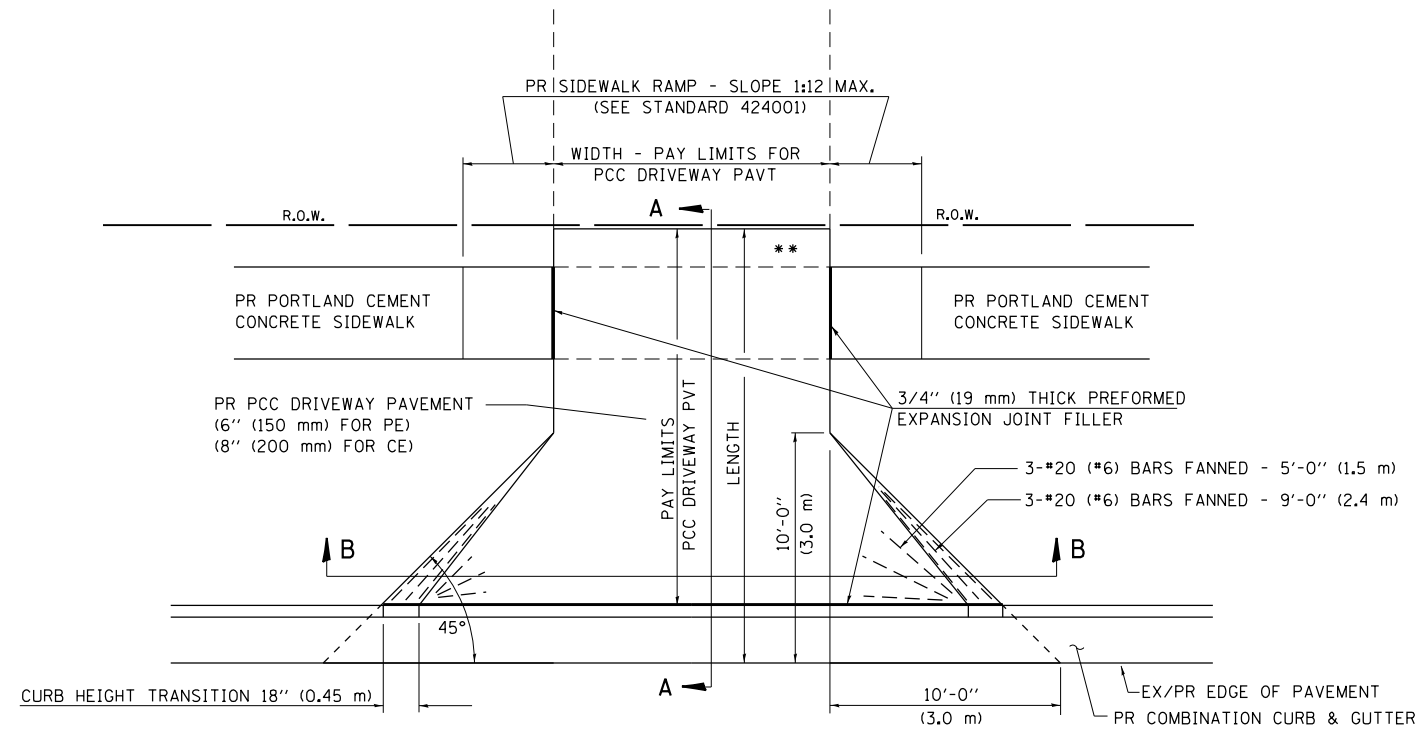
MONROE STREET: NW QUADRANT

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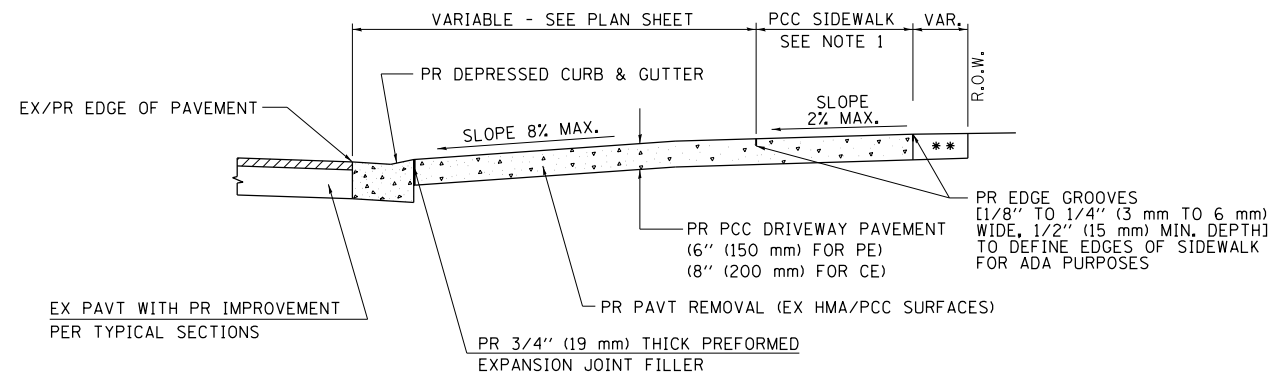
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

CURB AND GUTTER DETAIL			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

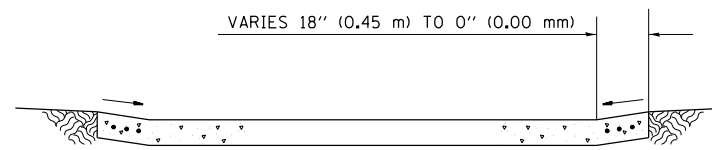
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	178
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



PLAN - PE & CE



SECTION A - A



SECTION B - B

** MATCH IN KIND BEHIND SIDEWALK
 FOR EX EARTH OR AGGREGATE SURFACES :
 PR AGGREGATE BASE COURSE, TYPE B 6" (150 mm) - PE/FE
 PR PCC DRIVEWAY PAVT, 8" (200 mm) - CE

FOR EX HMA CONC. SURFACES :
 PR HMA CONCRETE 6" (150 mm) - PE
 PR HMA CONCRETE 8" (200 mm) - CE

FOR EX PCC SURFACES :
 PR PCC DRIVEWAY PAVT, 6" (150 mm) - PE
 PR PCC DRIVEWAY PAVT, 8" (200 mm) - CE

• NOTE : IN AREAS WITH NO SIDEWALK,
 MATCH IN KIND BEHIND 10'-0" (3.0 m) FLARE

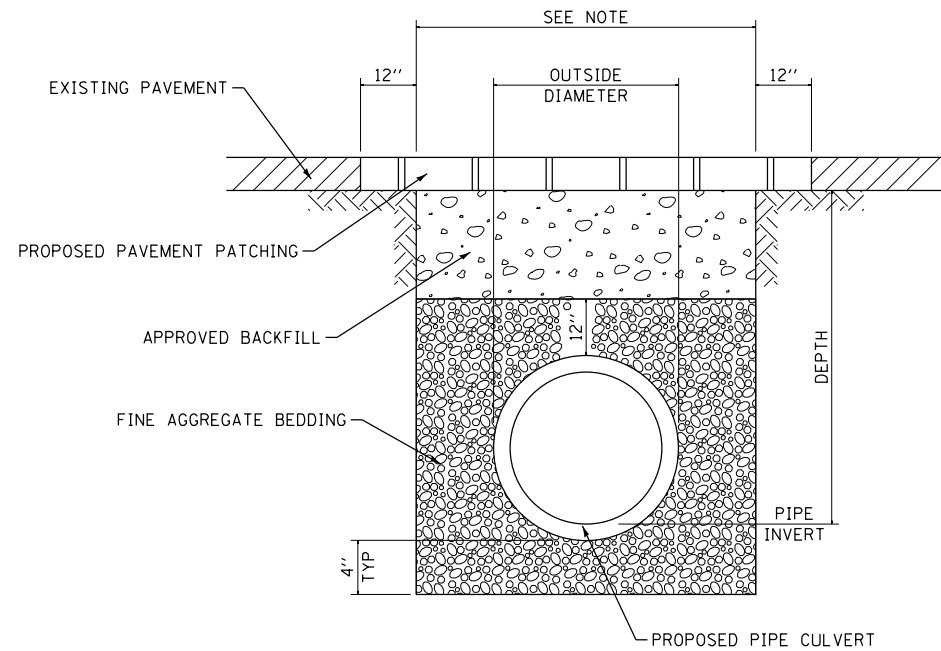
NOTES:

1. SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF SIDEWALK.
2. THE COST OF FURNISHING AND INSTALLING THE 3/4" (19 mm) PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

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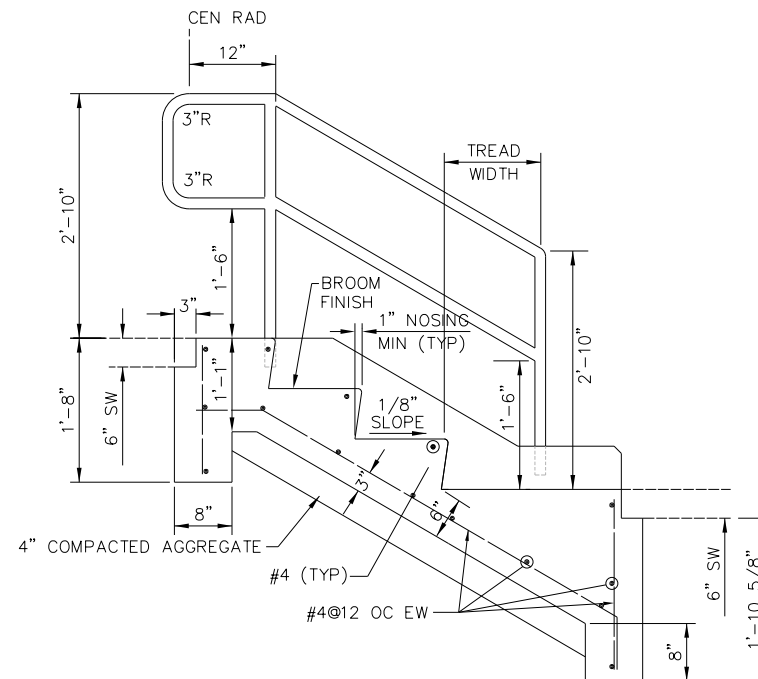
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	179
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

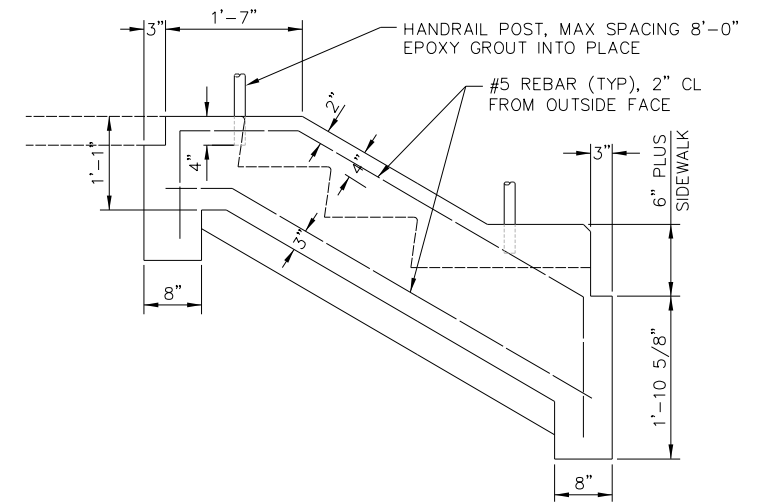


DETAIL OF TRENCH EXCAVATION, PAVEMENT REMOVAL, PAVEMENT PATCHING, AND BACKFILL UNDER EXISTING PAVEMENT

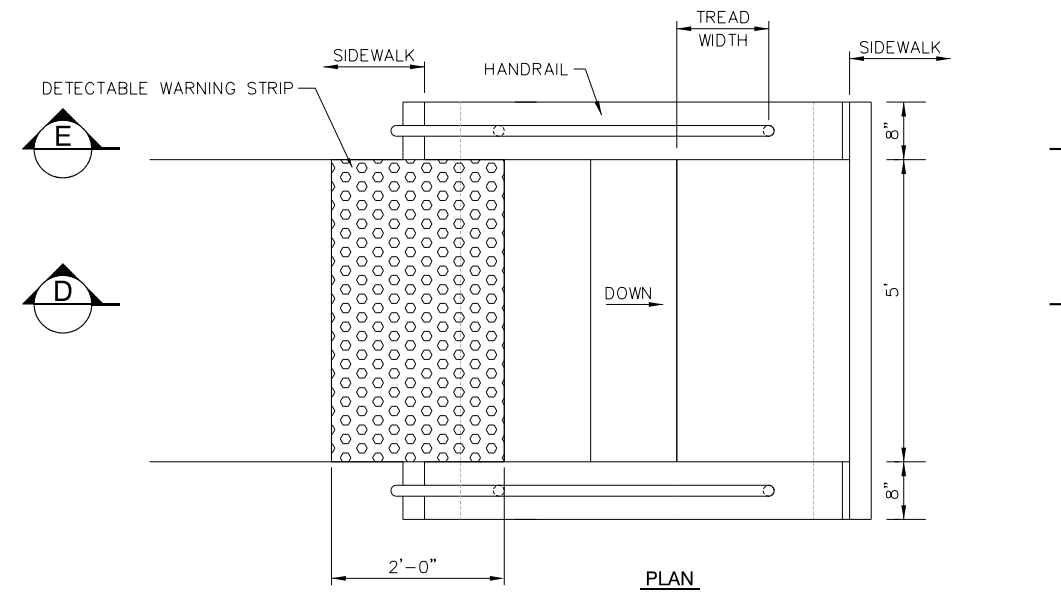
NOTE:
 WIDTH = OUTSIDE DIAMETER + 9" + 9" WHEN DEPTH < 5'
 WIDTH = OUTSIDE DIAMETER + 18" + 18" WHEN DEPTH > 5'



E SECTION



D SECTION



PLAN

- NOTES**
1. DETECTABLE WARNING STRIP SHALL BE ACCORDING TO ARTICLE 424.09 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 2. ALL SIDEWALKS ADJACENT TO EXTERIOR STAIRS SHALL BE 6".
 3. HANDRAIL SHALL BE INSTALLED ON BOTH SIDES OF ALL STEPS.
 4. HANDRAILS SHALL EXTEND AT LEAST 12" BEYOND THE TOP RISER AND AT LEAST 24" BEYOND THE BOTTOM RISER. THE TOP EXTENSION SHALL BE PARALLEL WITH THE SIDEWALK. THE BOTTOM EXTENSION SHALL CONTINUE AT SLOPE FOR A DISTANCE OF 12" WITH THE REMAINDER PARALLEL WITH THE SIDEWALK.
 5. ALL REBAR SHALL BE PLACED A MIN. 2" FROM OUTSIDE FACE.

Location	Station	Tread Width	Riser Height	Concrete Steps	Detectable Warning	Pipe Handrail	Reinforcement Bars			
				cu yd	sq ft	feet	No.	Size	Length	(lb)
MADISON STREET	9+54.28 (LT)	12"	6 1/4"	1.6	10	12	15	#4	6.0'	60.2
							4	#5	8.2'	34.2
							4	#5	5.6'	23.4

Location	Station	Tread Width	Riser Height	Concrete Steps	Detectable Warning	Pipe Handrail	Reinforcement Bars			
				cu yd	sq ft	feet	No.	Size	Length	(lb)
MADISON STREET	10+50.82 (LT)	12"	6 3/8"	1.6	10	12	15	#4	6.0'	60.2
							4	#5	8.2'	34.2
							4	#5	5.6'	23.4

REV. 1-7-2020

EXTERIOR STAIRS
NO SCALE

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