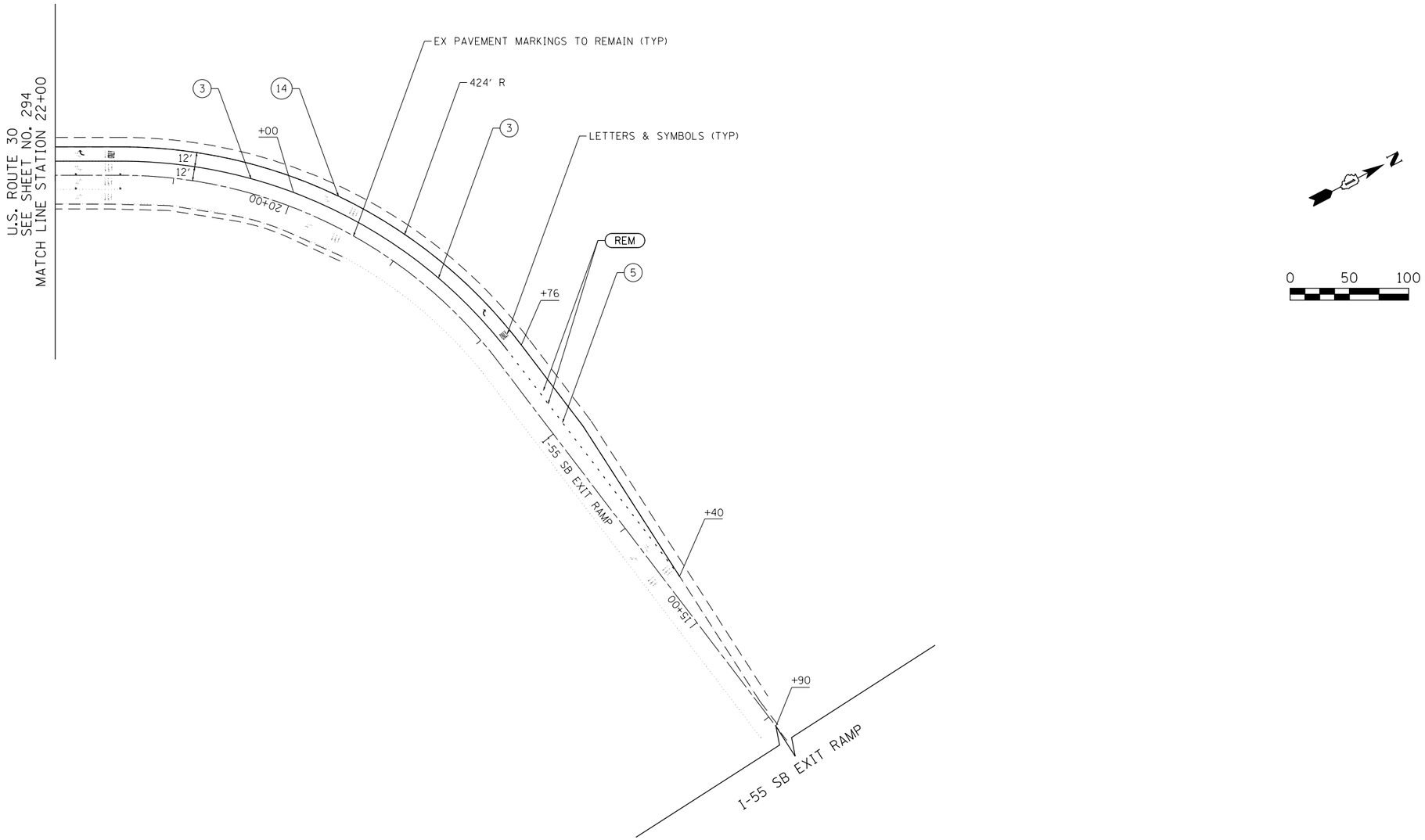

PLAN
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B.M. NOTED
STRUCTURE NO
TITNS CHKD

FILE PATH = G:\CH2\0012\Road\Sheets\D160P95-SHT-PMK-08.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-PMK-08.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55 SB EXIT RAMP PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET NAME: PMK-08 | STA. 14+00 TO STA. 22+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	301
		CONTRACT NO. 60P95		

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	STATION	OFFSET	ACTION	REMOVE SIGN PANEL ASSEMBLY	
						TYPE A (EA)	TYPE B (EA)
E1-1	RIGHT LANE ENDS	POST MOUNTED (GROUND)	3651+85	C/L	TO BE REMOVED	1	
E1-2	RIGHT LANE ENDS	LIGHT POST	3651+80	56' RT	TO BE REMOVED	1	
E1-3	LEFT ONLY	POST MOUNTED (GROUND)	3653+30	02' RT	SIGN TO REMAIN		
E1-4	DO NOT ENTER	POST MOUNTED (GROUND)	3653+30	02' RT	SIGN TO REMAIN		
E1-5	KEEP RIGHT, SYMBOL	SIGNAL POST	3653+30	01' LT	SIGN TO REMAIN		
E1-6	NO RIGHT TURN	SIGNAL POST	3653+45	51' RT	SIGN TO REMAIN		
E1-7	NO LEFT TURN	SIGNAL POST	3653+45	51' RT	SIGN TO REMAIN		
E1-8	I-55 SOUTH LEFT TO BLOOMINGTON	POST MOUNTED (GROUND)	3653+42	67' RT	SIGN TO REMAIN		
E1-9	DO NOT ENTER	POST MOUNTED (GROUND)	3653+93	77' RT	SIGN TO REMAIN		
E1-10	DO NOT ENTER	POST MOUNTED (GROUND)	3654+49	11' LT	TO BE REMOVED		1
E1-11	NO LEFT TURN	POST MOUNTED (GROUND)	3654+49	11' LT	TO BE REMOVED		*
E1-12	KEEP RIGHT, SYMBOL	SIGNAL POST	3654+48	C/L	TO BE REMOVED	1	
E1-13	DO NOT ENTER	POST MOUNTED (GROUND)	3654+80	77' RT	SIGN TO REMAIN		
E1-14	NORTH	POST MOUNTED (GROUND)	3656+73	67' LT	SIGN TO REMAIN		
E1-15	INTERSTATE 55 SHIELD	POST MOUNTED (GROUND)	3656+73	67' LT	SIGN TO REMAIN		
E1-16	LEFT LANE	POST MOUNTED (GROUND)	3656+73	67' LT	SIGN TO REMAIN		
E1-17	SOUTH	POST MOUNTED (GROUND)	3656+73	67' LT	SIGN TO REMAIN		
E1-18	INTERSTATE 55 SHIELD	POST MOUNTED (GROUND)	3656+73	67' LT	SIGN TO REMAIN		
E1-19	RIGHT ARROW	POST MOUNTED (GROUND)	3656+73	67' LT	SIGN TO REMAIN		
E1-20	RIGHT LANE ENDS	LIGHT POST	3657+94	54' RT	TO BE REMOVED	1	
E1-21	STRAIGHT ARROW CHICAGO, BLOOMINGTON RIGHT ARROW	POST MOUNTED (GROUND)	3660+70	58' LT	SIGN TO REMAIN		
E1-22	SOUTH	POST MOUNTED (GROUND)	3661+04	55' LT	SIGN TO REMAIN		
E1-23	INTERSTATE 55 SHIELD	POST MOUNTED (GROUND)	3661+04	55' LT	SIGN TO REMAIN		
E1-24	RIGHT ARROW	POST MOUNTED (GROUND)	3661+04	55' LT	SIGN TO REMAIN		
E1-25	LEFT TURN ONLY, THROUGH ONLY	POST MOUNTED (GROUND)	3661+92	42' RT	TO BE REMOVED	1	
E1-26	FRONTAGE ROAD ENTRANCE	POST MOUNTED (GROUND)	3662+71	43' RT	SIGN TO REMAIN		
E1-27	LEFT ARROW	POST MOUNTED (GROUND)	3662+71	43' RT	SIGN TO REMAIN		
E1-28	FRONTAGE ROAD ENTRANCE	POST MOUNTED (GROUND)	3662+71	43' RT	TO BE REMOVED	1	
E1-29	RIGHT ARROW	POST MOUNTED (GROUND)	3662+71	43' RT	TO BE REMOVED	*	
E1-30	HISTORIC ROUTE LINCOLN HIGHWAY	POST MOUNTED (GROUND)	3662+71	48' RT	SIGN TO REMAIN		
E1-31	AMERICAS BYWAYS	POST MOUNTED (GROUND)	3662+71	48' RT	SIGN TO REMAIN		
E1-32	DO NOT ENTER	POST MOUNTED (GROUND)	3662+71	48' RT	SIGN TO REMAIN		
E1-33	SNS - US RTE 30	MAST ARM MOUNTED	3663+11	62' RT	TO BE REMOVED	1	
E1-34	SNS - WEST FRONTAGE ROAD	MAST ARM MOUNTED	3663+27	42' LT	TO BE REMOVED		1
E1-35	SNS - US RTE 30	MAST ARM MOUNTED	3664+05	60' LT	TO BE REMOVED		1
E1-36	NO TRUCKS, SYMBOL	TRAFFIC SIGNAL SUPPORT	3664+05	60' LT	TO BE REMOVED		*
E1-37	SNS - WEST FRONTAGE ROAD	MAST ARM MOUNTED	3664+24	43' RT	TO BE REMOVED		1
E1-38	WEST	TRAFFIC SIGNAL SUPPORT	3664+24	43' RT	TO BE REMOVED		*
E1-39	US 30 SHIELD	TRAFFIC SIGNAL SUPPORT	3664+24	43' RT	TO BE REMOVED		*
E1-40	SLIPPERY WARNING, SYMBOL	POST MOUNTED (GROUND)	19+13	29' LT	TO BE REMOVED		1
E1-41	WHEN WET	POST MOUNTED (GROUND)	19+13	29' LT	TO BE REMOVED		*
E1-42	FRONTAGE ROAD ENTRANCE	LIGHT POST	3664+47	43' LT	TO BE REMOVED		1
E1-43	LEFT/RIGHT ARROW	LIGHT POST	3664+47	43' LT	TO BE REMOVED		*
E1-44	FRONTAGE ROAD ENTRANCE	LIGHT POST	3664+47	43' LT	TO BE REMOVED		*
E1-45	RIGHT ARROW	LIGHT POST	3664+47	43' LT	TO BE REMOVED		*
E1-46	SPEED LIMIT 35	POST MOUNTED (GROUND)	3665+66	31' RT	TO BE REMOVED	1	
E1-47	NO PARKING ALONG HIGHWAY	POST MOUNTED (GROUND)	3665+66	31' RT	TO BE REMOVED	*	
E1-48	JCT	POST MOUNTED (GROUND)	3666+07	35' LT	TO BE REMOVED		1
E1-49	INTERSTATE 55 SHIELD	POST MOUNTED (GROUND)	3666+07	35' LT	TO BE REMOVED		*
E1-50	NO PARKING ALONG HIGHWAY	POST MOUNTED (GROUND)	3666+07	35' LT	TO BE REMOVED		*
E1-51	DO NOT BLOCK INTERSECTION	LIGHT POST	3667+00	38' LT	TO BE REMOVED	1	
E1-52	PFRD 19S 486	POST MOUNTED (GROUND)	3667+02	35' LT	TO BE REMOVED	1	
E1-53	SNS - SPANGLER RD	POST MOUNTED (GROUND)	10+34	18' LT	TO BE REMOVED		1
E1-54	SNS - LINCOLN HWY	POST MOUNTED (GROUND)	10+34	18' LT	TO BE REMOVED		*
E1-55	STOP SIGN	POST MOUNTED (GROUND)	10+34	18' LT	TO BE REMOVED		*
E1-56	CROSS TRAFFIC DOES NOT STOP	POST MOUNTED (GROUND)	10+34	18' LT	TO BE REMOVED		*
E1-57	DO NOT BLOCK INTERSECTION	POST MOUNTED (GROUND)	3668+03	29' LT	TO BE REMOVED	1	
E1-58	ILLINOIS MAIN STREET COMMUNITY	POST MOUNTED (GROUND)	3670+92	28' RT	TO BE REMOVED	1	
E1-59	EXCESSIVE ENGINE BRAKING NOISE PROHIBITED	POST MOUNTED (GROUND)	3671+77	26' RT	TO BE REMOVED	1	
E2-1	CURVE WARNING (RIGHT)	POST MOUNTED (GROUND)	3673+06	31' RT	TO BE REMOVED	1	
E2-2	TRUCK ENTRANCE WARNING	POST MOUNTED (GROUND)	3674+52	28' LT	TO BE REMOVED	1	
E2-3	LILY CACHE RD SIGN	POST MOUNTED (GROUND)	3679+33	36' RT	TO BE REMOVED	1	
E2-4	NO PARKING ANY TIME	POST MOUNTED (GROUND)	3683+36	30' RT	TO BE REMOVED	1	
E2-5	PRIVATE SIGN	POST MOUNTED (GROUND)	3684+54	51' LT	RELOCATED BY OTHERS		
E2-6	SNS - LILY CACHE RD	MAST ARM MOUNTED	3684+87	32' LT	TO BE REMOVED	1	
E2-7	SNS - US RTE 30	MAST ARM MOUNTED	3685+59	34' RT	TO BE REMOVED	1	
E2-8	WARNING SIGN - DOUBLE ARROW, LEFT AND RIGHT	POST MOUNTED (GROUND)	3685+73	32' RT	TO BE REMOVED	1	
E2-9	SNS - LILY CACHE RD	MAST ARM MOUNTED	3686+15	32' RT	TO BE REMOVED	1	
E2-10	NO PARKING ANY TIME	POST MOUNTED (GROUND)	3686+86	29' RT	TO BE REMOVED	1	
E2-11	CURVE WARNING (LEFT)	POST MOUNTED (GROUND)	3688+86	32' LT	TO BE REMOVED		1
E2-12	NO PARKING ANY TIME	POST MOUNTED (GROUND)	3688+86	32' LT	TO BE REMOVED		*
E2-13	PRIVATE SIGN	POST MOUNTED (GROUND)	3690+55	36' RT	RELOCATED BY OTHERS		
E2-14	LILY CACHE RD SIGN	POST MOUNTED (GROUND)	3690+73	30' LT	TO BE REMOVED	1	
E2-15	NO PARKING ANY TIME	POST MOUNTED (GROUND)	3690+76	26' RT	TO BE REMOVED	1	
E2-16	PRIVATE SIGN	POST MOUNTED (GROUND)	3691+20	39' LT	RELOCATED BY OTHERS		
E2-17	PRIVATE SIGN	POST MOUNTED (GROUND)	3691+41	26' LT	RELOCATED BY OTHERS		
E2-18	PRIVATE SIGN	POST MOUNTED (GROUND)	3691+48	36' RT	RELOCATED BY OTHERS		
E2-19	PRIVATE SIGN	POST MOUNTED (GROUND)	3691+86	26' LT	RELOCATED BY OTHERS		
E2-20	NO PARKING ON VILLAGE STREETS, 1AM TO 6AM	POST MOUNTED (GROUND)	10+58	16' RT	TO BE REMOVED	1	
E2-21	WEIGHT LIMIT 5 TONS	POST MOUNTED (GROUND)	10+58	16' RT	TO BE REMOVED	*	
E2-22	NO TRUCKS, SYMBOL	POST MOUNTED (GROUND)	11+52	12' RT	TO BE REMOVED	1	
E2-23	SNS - McCELLAN ST	POST MOUNTED (GROUND)	10+34	18' LT	TO BE REMOVED		1
E2-24	SNS - LINCOLN HWY	POST MOUNTED (GROUND)	10+34	18' LT	TO BE REMOVED		*
E2-25	STOP SIGN	POST MOUNTED (GROUND)	10+34	18' LT	TO BE REMOVED		*
E2-26	CROSS TRAFFIC DOES NOT STOP	POST MOUNTED (GROUND)	10+34	18' LT	TO BE REMOVED		*

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	STATION	OFFSET	ACTION	REMOVE SIGN PANEL ASSEMBLY	
						TYPE A (EA)	TYPE B (EA)
E2-27	PRIVATE SIGN	POST MOUNTED (GROUND)	3692+44	40' LT	RELOCATED BY OTHERS		
E2-28	NO PASSING ZONE	POST MOUNTED (GROUND)	3693+07	27' RT	TO BE REMOVED		1
E2-29	NO PARKING ANYTIME	POST MOUNTED (GROUND)	3693+07	27' RT	TO BE REMOVED		*
E2-30	PRIVATE SIGN	POST MOUNTED (GROUND)	3693+14	26' LT	RELOCATED BY OTHERS		
E2-31	PRIVATE SIGN	POST MOUNTED (GROUND)	3693+58	26' LT	RELOCATED BY OTHERS		
E2-32	PRIVATE SIGN	POST MOUNTED (GROUND)	3697+74	41' RT	RELOCATED BY OTHERS		
E3-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	3696+21	25' RT	TO BE REMOVED	1	
E3-2	SPEED LIMIT 35	POST MOUNTED (GROUND)	3696+26	23' LT	TO BE REMOVED	1	
E3-3	NO PARKING ANY TIME	POST MOUNTED (GROUND)	3696+26	23' LT	TO BE REMOVED	*	
E3-4	PRIVATE SIGN	POST MOUNTED (GROUND)	3697+34	41' LT	RELOCATED BY OTHERS		
E3-5	SPEED LIMIT 35	POST MOUNTED (GROUND)	3698+10	25' RT	TO BE REMOVED	1	
E3-6	NO PARKING ANY TIME	POST MOUNTED (GROUND)	3698+10	25' RT	TO BE REMOVED	*	
E3-7	PFPD 19S 200	POST MOUNTED (GROUND)	3698+57	24' LT	TO BE REMOVED	1	
E3-8	PRIVATE SIGN	POST MOUNTED (GROUND)	3699+17	44' LT	RELOCATED BY OTHERS		
E3-9	PRIVATE SIGN	POST MOUNTED (GROUND)	3702+96	41' LT	RELOCATED BY OTHERS		
E3-10	NO PARKING ALONG HIGHWAY	POST MOUNTED (GROUND)	3704+64	26' LT	TO BE REMOVED	1	
E3-11	NO PARKING ALONG HIGHWAY	POST MOUNTED (GROUND)	3706+52	27' LT	TO BE REMOVED	1	
E3-12	STOP SIGN	POST MOUNTED (GROUND)	3706+62	44' RT	TO BE REMOVED	1	
E3-13	NO TRUCKS	POST MOUNTED (GROUND)	3706+96	33' LT	TO BE REMOVED	1	
E3-14	PRIVATE SIGN	POST MOUNTED (GROUND)	3707+04	40' LT	RELOCATED BY OTHERS		
E3-15	NO PARKING ALONG HIGHWAY	POST MOUNTED (GROUND)	3707+57	27' LT	TO BE REMOVED	1	
E3-16	NO PARKING ALONG HIGHWAY	POST MOUNTED (GROUND)	3708+67	27' LT	TO BE REMOVED	1	
E3-17	PRIVATE SIGN	POST MOUNTED (GROUND)	3708+80	56' LT	RELOCATED BY OTHERS		
E3-18	NO LEFT TURN, SYMBOL	POST MOUNTED (GROUND)	3709+14	34' RT	TO BE REMOVED	1	
E3-19	STOP SIGN	POST MOUNTED (GROUND)	3709+48	43' RT	TO BE REMOVED	1	
E3-20	RIGHT TURN ONLY	POST MOUNTED (GROUND)	3709+48	43' RT	TO BE REMOVED		1
E3-21	DO NOT ENTER	POST MOUNTED (GROUND)	3709+51	44' RT	TO BE REMOVED		*
E3-22	PRIVATE SIGN	POST MOUNTED (GROUND)	3710+49	55' LT	RELOCATED BY OTHERS		
E3-23	SPEED LIMIT 35	POST MOUNTED (GROUND)	3711+91	27' LT	TO BE REMOVED	1	
E3-24	RED LIGHT PHOTO ENFORCED	POST MOUNTED (GROUND)	3711+93	20' RT	TO BE REMOVED	1	
E3-25	STOP SIGN (FOLDED)	POST MOUNTED (GROUND)	3713+49	31' RT	TO BE REMOVED	1	
E3-26	SNS - RENWICK RD	TRAFFIC SIGNAL SUPPORT	3714+04	29' LT	TO BE REMOVED		1
E3-27	EAST	TRAFFIC SIGNAL SUPPORT	3714+04	29' LT	TO BE REMOVED		*
E3-28	US 30 SHIELD	TRAFFIC SIGNAL SUPPORT	3714+04	29' LT	TO BE REMOVED		*
E3-29	HISTORIC ROUTE LINCOLN HIGHWAY	TRAFFIC SIGNAL SUPPORT	3714+04	29' LT	TO BE REMOVED		*
E3-30	PRIVATE SIGN	POST MOUNTED (GROUND)	3714+08	60' LT	RELOCATED BY OTHERS		
E3-31	STOP SIGN (FOLDED)	POST MOUNTED (GROUND)	3714+58	60' LT	TO BE REMOVED	1	
E3-32	NO THRU TRAFFIC	POST MOUNTED (GROUND)	18+70	56' RT	TO BE REMOVED	1	
E3-33	EXIT ONLY DO NOT ENTER	POST MOUNTED (GROUND)	18+70	56' RT	TO BE REMOVED	*	
E3-34	EXIT ONLY DO NOT ENTER	POST MOUNTED (GROUND)	19+01	55' RT	TO BE REMOVED	1	
E3-35	WEST	TRAFFIC SIGNAL SUPPORT	3714+87	31' RT	TO BE REMOVED		1
E3-36	US 30 SHIELD	TRAFFIC SIGNAL SUPPORT	3714+87	31' RT	TO BE REMOVED		*
E3-37	HISTORIC ROUTE LINCOLN HIGHWAY	TRAFFIC SIGNAL SUPPORT	3714+87	31' RT	TO BE REMOVED		*
E3-38	SNS - RENWICK RD	TRAFFIC SIGNAL SUPPORT	3714+87	31' RT	TO BE REMOVED		*
E3-39	RED LIGHT PHOTO ENFORCED	TRAFFIC SIGNAL SUPPORT	3714+87	31' RT	TO BE REMOVED		*
E3-40	STOP SIGN (FOLDED)	TRAFFIC SIGNAL SUPPORT	3714+87	31' RT	TO BE REMOVED	1	
E3-41	PRIVATE SIGN	POST MOUNTED (GROUND)	3715+60	34' RT	RELOCATED BY OTHERS		
E3-42	STOP SIGN (FOLDED)	TRAFFIC SIGNAL SUPPORT	3715+63	35' LT	TO BE REMOVED	1	
E3-43	SPEED LIMIT 35	POST MOUNTED (GROUND)	3716+37	28' RT	TO BE REMOVED	1	
E3-44	LEFT ARROW "LOCKPORT 6"	POST MOUNTED (GROUND)	3716+51	27' LT	TO BE REMOVED	1	
E3-45	PRIVATE SIGN	POST MOUNTED (GROUND)	3718+70	38' LT	RELOCATED BY OTHERS		
E3-46	RENWICK RD	POST MOUNTED (GROUND)	3719+13	28' LT	TO BE REMOVED	1	
E4-1	RESIDENTIAL SPEED LIMIT 25 UNLESS OTHERWISE POSTED	POST MOUNTED (GROUND)	8+40	13' LT	TO BE REMOVED	1	
E4-2	WEIGHT LIMIT 5 TONS	POST MOUNTED (GROUND)	9+46	17' LT	TO BE REMOVED	1	
E4-3	SNS - COLLINS DR	POST MOUNTED (GROUND)	9+64	18' RT	TO BE REMOVED		1
E4-4	SNS - JOLIET RD	POST MOUNTED (GROUND)	9+64	18' RT	TO BE REMOVED		*
E4-5	STOP SIGN	POST MOUNTED (GROUND)	9+64	18' RT	TO BE REMOVED		*
E4-6	CROSS TRAFFIC DOES NOT STOP	POST MOUNTED (GROUND)	9+64	18' RT	TO BE REMOVED		*
E4-7	SPEED LIMIT 35	POST MOUNTED (GROUND)	3729+75	25' LT	TO BE REMOVED	1	
E4-8	WARNING - SAFE SCHOOL ZONE	POST MOUNTED (GROUND)	8+29	21' LT	SIGN TO REMAIN		
E4-9	SNS - HOWARD ST	POST MOUNTED (GROUND)	8+88	33' RT	TO BE REMOVED		1
E4-10	SNS - JOLIET RD	POST MOUNTED (GROUND)	8+88	33' RT	TO BE REMOVED		*
E4-11	STOP SIGN	POST MOUNTED (GROUND)	8+88	33' RT	TO BE REMOVED		*
E4-12	CROSS TRAFFIC DOES NOT STOP	POST MOUNTED (GROUND)	8+88	33' RT	TO BE REMOVED		*
E4-13	NO PARKING ON VILLAGE STREETS, 1AM TO 6AM	POST MOUNTED (GROUND)	9+40	20' LT	TO BE REMOVED	1	
E4-14	JOLIET 5, CHICAGO HTS 30	POST MOUNTED (GROUND)	3732+67	30' LT	TO BE REMOVED		1
E4-15	SNS - GETSON AVE	POST MOUNTED (GROUND)	9+64	37' RT	TO BE REMOVED		1
E4-16	SNS - JOLIET RD	POST MOUNTED (GROUND)	9+64	37' RT	TO BE REMOVED		*
E4-17	STOP SIGN	POST MOUNTED (GROUND)	9+65	35' RT	TO BE REMOVED		*
E4-18	CROSS TRAFFIC DOES NOT STOP	POST MOUNTED (GROUND)	9+65	35' RT	TO BE REMOVED		*
E4-19	SPEED LIMIT 35	POST MOUNTED (GROUND)	3741+20	24' LT	TO BE REMOVED	1	
E4-20	SPEED LIMIT 35	POST MOUNTED (GROUND)	3741+72	24' RT	TO BE REMOVED	1	
E4-21	THE VILLAGE OF PLAINFIELD ADOPT A HIGHWAY	POST MOUNTED (GROUND)	3741+75	25' LT	TO BE REMOVED	1	
E4-22	PIONEER LANES NEXT 950 FEET	POST MOUNTED (GROUND)	3741+75	25' LT	TO BE REMOVED	*	
E4-23	PRIVATE SIGN	POST MOUNTED (GROUND)	3742+56	34' RT	RELOCATED BY OTHERS		
E4-24	PRIVATE SIGN	POST MOUNTED (GROUND)	3742+70	27' RT	RELOCATED BY OTHERS		
E4-25	PFPD 18S 503	POST MOUNTED (GROUND)	3743+23	28' RT	TO BE REMOVED	1	
					SUBTOTAL:	57	18

SEE NEXT SHEET FOR SIGNING NOTES.

PLAN — SURVEYED | PLOTTED | CHECKED | PLOTTED | DRAWN | CHECKED | BM. NOTED | RT. OF WAY CHECKED | STRUCTURE NOTATNS | CHKD | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE — SURVEYED | PLOTTED | CHECKED | PLOTTED | DRAWN | CHECKED | BM. NOTED | STRUCTURE NOTATNS | CHKD | NOTE BOOK | NO. | BY | DATE

FILE PATH = G:\CH12\2012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -	
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JWC	REVISED -	
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SIGN AND REMOVAL SCHEDULE

SCALE: N/A | SHEET NAME: SIGN-S1 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	302
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	STATION	OFFSET	ACTION	REMOVE SIGN PANEL ASSEMBLY	
						TYPE A (EA)	TYPE B (EA)
E5-1	PFPD 18S 462	POST MOUNTED (GROUND)	3745+98	28' LT	TO BE REMOVED	1	
E5-2	PFPD 18S 494	POST MOUNTED (GROUND)	3745+98	28' LT	TO BE REMOVED	*	
E5-3	EXCESSIVE ENGINE BRAKING NOISE PROHIBITED	POST MOUNTED (GROUND)	3750+86	28' RT	SIGN TO REMAIN		
E5-4	HOURS 8AM TO SUNSET	POST MOUNTED (GROUND)	3753+89	43' RT	SIGN TO REMAIN		
E5-5	STOP SIGN	POST MOUNTED (GROUND)	3754+18	31' RT	SIGN TO REMAIN		
E5-6	HOURS 8AM TO SUNSET	POST MOUNTED (GROUND)	3755+50	44' RT	SIGN TO REMAIN		
E5-7	STOP SIGN	POST MOUNTED (GROUND)	3755+77	30' RT	SIGN TO REMAIN		
E5-8	PRIVATE SIGN	POST MOUNTED (GROUND)	3758+61	29' LT	RELOCATED BY OTHERS		
E5-9	SPEED LIMIT 35	POST MOUNTED (GROUND)	3759+50	17' LT	TO BE REMOVED	1	
E5-10	RESIDENTIAL SPEED LIMIT 25 UNLESS OTHERWISE POSTED	POST MOUNTED (GROUND)	9+26	15' LT	TO BE REMOVED	1	
E5-11	SNS - UNION ST	POST MOUNTED (GROUND)	9+66	14' RT	TO BE REMOVED		1
E5-12	SNS - JOLIET RD	POST MOUNTED (GROUND)	9+66	14' RT	TO BE REMOVED		*
E5-13	STOP SIGN	POST MOUNTED (GROUND)	9+66	14' RT	TO BE REMOVED		*
E5-14	CROSS TRAFFIC DOES NOT STOP	POST MOUNTED (GROUND)	9+66	14' RT	TO BE REMOVED		*
E5-15	NO TRUCKS, SYMBOL	POST MOUNTED (GROUND)	9+68	15' LT	TO BE REMOVED	1	
E5-16	NO PARKING ON VILLAGE STREETS, 1AM TO 6AM	POST MOUNTED (GROUND)	9+68	15' LT	TO BE REMOVED	*	
E5-17	NO TRUCKS, SYMBOL	POST MOUNTED (GROUND)	10+36	18' RT	TO BE REMOVED	1	
E5-18	NO PARKING ON VILLAGE STREETS, 1AM TO 6AM	POST MOUNTED (GROUND)	10+36	18' RT	TO BE REMOVED	*	
E5-19	SNS - UNION ST	POST MOUNTED (GROUND)	10+42	17' LT	TO BE REMOVED		1
E5-20	SNS - JOLIET RD	POST MOUNTED (GROUND)	10+42	17' LT	TO BE REMOVED		*
E5-21	STOP SIGN	POST MOUNTED (GROUND)	10+42	17' LT	TO BE REMOVED		*
E5-22	CROSS TRAFFIC DOES NOT STOP	POST MOUNTED (GROUND)	10+42	17' LT	TO BE REMOVED		*
E5-23	SPEED LIMIT 35	POST MOUNTED (GROUND)	3761+31	31' RT	TO BE REMOVED	1	
E5-24	TWO-WAY TRAFFIC	POST MOUNTED (GROUND)	3763+09	17' LT	TO BE REMOVED	1	
E6-1	CURVE WARNING (LEFT)	POST MOUNTED (GROUND)	9+66	18' RT	TO BE REMOVED	1	
E6-2	ADVISORY SPEED, 25 MPH	POST MOUNTED (GROUND)	9+66	18' RT	TO BE REMOVED	*	
E6-3	SLIPPERY WARNING, SYMBOL	POST MOUNTED (GROUND)	10+16	17' RT	TO BE REMOVED		1
E6-4	WHEN WET	POST MOUNTED (GROUND)	10+16	17' RT	TO BE REMOVED		*
E6-5	LEFT CHEVRON	POST MOUNTED (GROUND)	10+83	27' RT	TO BE REMOVED	1	
E6-6	LEFT CHEVRON	POST MOUNTED (GROUND)	11+39	28' RT	TO BE REMOVED	1	
E6-7	RIGHT CHEVRON	POST MOUNTED (GROUND)	11+39	28' RT	TO BE REMOVED	*	
E6-8	SPEED LIMIT 35	POST MOUNTED (GROUND)	11+47	18' LT	TO BE REMOVED	1	
E6-9	LEFT CHEVRON	POST MOUNTED (GROUND)	11+90	29' RT	TO BE REMOVED	1	
E6-10	RIGHT CHEVRON	POST MOUNTED (GROUND)	11+90	29' RT	TO BE REMOVED	*	
E6-11	LEFT CHEVRON	POST MOUNTED (GROUND)	12+73	26' RT	TO BE REMOVED	1	
E6-12	RIGHT CHEVRON	POST MOUNTED (GROUND)	12+73	26' RT	TO BE REMOVED	*	
E6-13	RIGHT CHEVRON	POST MOUNTED (GROUND)	13+38	20' RT	TO BE REMOVED	1	
E6-14	SLIPPERY WARNING, SYMBOL	POST MOUNTED (GROUND)	13+89	21' LT	TO BE REMOVED		1
E6-15	WHEN WET	POST MOUNTED (GROUND)	13+89	21' LT	TO BE REMOVED		*
E6-16	CURVE WARNING (RIGHT)	POST MOUNTED (GROUND)	14+51	18' LT	TO BE REMOVED	1	
E6-17	ADVISORY SPEED, 25 MPH	POST MOUNTED (GROUND)	14+51	18' LT	TO BE REMOVED	*	
E6-18	WARNING - TRAFFIC SIGNAL AHEAD	POST MOUNTED (GROUND)	15+68	22' RT	TO BE REMOVED	1	
E6-19	CURVE WARNING (RIGHT)	POST MOUNTED (GROUND)	16+34	20' RT	TO BE REMOVED	1	
E6-20	ADVISORY SPEED, 15 MPH	POST MOUNTED (GROUND)	16+34	20' RT	TO BE REMOVED	*	
E6-21	SLIPPERY WARNING, SYMBOL	POST MOUNTED (GROUND)	16+67	20' RT	TO BE REMOVED		1
E6-22	WHEN WET	POST MOUNTED (GROUND)	16+67	20' RT	TO BE REMOVED		*
E6-23	RIGHT CHEVRON	POST MOUNTED (GROUND)	16+93	19' LT	TO BE REMOVED	1	
E6-24	LEFT CHEVRON	POST MOUNTED (GROUND)	17+78	24' LT	TO BE REMOVED	1	
E6-25	RIGHT CHEVRON	POST MOUNTED (GROUND)	17+78	24' LT	TO BE REMOVED	*	
E6-26	LEFT CHEVRON	POST MOUNTED (GROUND)	18+18	29' LT	TO BE REMOVED	1	
E6-27	RIGHT CHEVRON	POST MOUNTED (GROUND)	18+18	29' LT	TO BE REMOVED	*	
E6-28	LEFT CHEVRON	POST MOUNTED (GROUND)	18+42	29' LT	TO BE REMOVED	1	
E6-29	CURVE WARNING (LEFT)	POST MOUNTED (GROUND)	18+48	29' LT	TO BE REMOVED	1	
E6-30	ADVISORY SPEED, 15 MPH	POST MOUNTED (GROUND)	18+48	29' LT	TO BE REMOVED	*	

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	STATION	OFFSET	ACTION	REMOVE SIGN PANEL ASSEMBLY	
						TYPE A (EA)	TYPE B (EA)
E7-1	SNS - COLLINS DR	POST MOUNTED (GROUND)	12+22	37' LT	TO BE REMOVED		1
E7-2	SNS - RENWICK RD	POST MOUNTED (GROUND)	12+22	37' LT	TO BE REMOVED		*
E7-3	STOP SIGN	POST MOUNTED (GROUND)	12+22	37' LT	TO BE REMOVED		*
E7-4	CROSS TRAFFIC DOES NOT STOP	POST MOUNTED (GROUND)	12+22	37' LT	TO BE REMOVED		*
E7-5	WEIGHT LIMIT 5 TONS	POST MOUNTED (GROUND)	12+54	50' LT	TO BE REMOVED	1	
E7-6	SPEED LIMIT 30	POST MOUNTED (GROUND)	14+98	23' LT	TO BE REMOVED	1	
E7-7	WEIGHT LIMIT 5 TONS	POST MOUNTED (GROUND)	16+27	79' RT	SIGN TO REMAIN		
E7-8	SNS - PEERLESS DR	POST MOUNTED (GROUND)	16+63	39' RT	TO BE REMOVED		1
E7-9	SNS - RENWICK RD	POST MOUNTED (GROUND)	16+63	39' RT	TO BE REMOVED		*
E7-10	STOP SIGN	POST MOUNTED (GROUND)	16+63	39' RT	TO BE REMOVED		*
E7-11	CROSS TRAFFIC DOES NOT STOP	POST MOUNTED (GROUND)	16+63	39' RT	TO BE REMOVED		*
E7-12	SEAT BELTS SAVE LIVES	POST MOUNTED (GROUND)	22+87	36' LT	TO BE REMOVED	1	
E7-13	WILL CO ADOPT A HIGHWAY	POST MOUNTED (GROUND)	23+21	27' RT	TO BE REMOVED		1
E7-14	NEXT 2.3 MILES	POST MOUNTED (GROUND)	23+21	27' RT	TO BE REMOVED		*
E7-15	KEEP WILL COUNTY CLEAN	POST MOUNTED (GROUND)	23+21	27' RT	TO BE REMOVED		*
E7-16	SPEED ZONE AHEAD	POST MOUNTED (GROUND)	25+52	25' LT	TO BE REMOVED	1	
E7-17	30 MPH	POST MOUNTED (GROUND)	25+52	25' LT	TO BE REMOVED	*	
E7-18	NO LEFT TURN, SYMBOL	POST MOUNTED (GROUND)	25+55	30' RT	TO BE REMOVED	1	
E7-19	KEEP RIGHT, SYMBOL	POST MOUNTED (GROUND)	25+62	44' RT	TO BE REMOVED	1	
E7-20	DO NOT ENTER	POST MOUNTED (GROUND)	25+72	30' RT	TO BE REMOVED	1	
E7-21	STOP SIGN	POST MOUNTED (GROUND)	25+88	47' RT	TO BE REMOVED	1	
E7-22	DO NOT ENTER	POST MOUNTED (GROUND)	25+90	48' RT	TO BE REMOVED		1
E7-23	RIGHT TURN ONLY	POST MOUNTED (GROUND)	25+90	48' RT	TO BE REMOVED		*
					SUBTOTAL:	30	9
					TOTAL:	87	27

* THIS SIGN SHARES A POST WITH THE SIGN ABOVE IT.

NOTES:

1. ALL EXISTING PRIVATE SIGNS WITHIN THE STATE RIGHT OF WAY THAT INTERFERE WITH CONSTRUCTION OPERATIONS WILL BE REMOVED AND REPLACED BY OTHERS. THE CONTRACTOR SHALL NOTIFY THE OWNERS PRIOR TO START OF CONSTRUCTION.

2. EXISTING SIGN PANELS AND ASSEMBLIES WHICH ARE THE PROPERTY OF THE VILLAGE OF PLAINFIELD SHALL BE DELIVERED TO THE VILLAGE OF PLAINFIELD'S PUBLIC WORKS FACILITY (14400 COIL PLUS DRIVE IN PLAINFIELD). ALL OTHER EXISTING SIGN PANELS AND ASSEMBLIES TO BE REMOVED SHALL BE DELIVERED TO AN IDOT MAINTENANCE YARD SPECIFIED BY THE ENGINEER.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE WILL COUNTY DIVISION OF TRANSPORTATION SIGN SHOP FOR SIGNS E7-13, E7-14, AND E7-15. THE SIGN SHOP WILL MANUFACTURE THESE SIGNS AND STORE THEM IN THE SIGN SHOP UNTIL THE CONTRACTOR IS READY TO RETRIEVE THEM FOR INSTALLATION. THE CONTRACTOR SHALL CONTACT MR. ERIC WESEL WITH THE WILL COUNTY DOT AT 16841 W. LARAWAY ROAD IN JOLIET (815-727-8476) TO ARRANGE PICK UP. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR COORDINATING WITH THE VILLAGE OF PLAINFIELD. SIGN SHOP FOR SIGNS E4-21, E4-22, AND E7-12. THE SIGN SHOP WILL MANUFACTURE THESE SIGNS AND STORE THEM IN THE SIGN SHOP UNTIL THE CONTRACTOR IS READY TO RETRIEVE THEM FOR INSTALLATION. THE CONTRACTOR SHALL CONTACT MR. SCOTT THREEWITT WITH VILLAGE OF PLAINFIELD AT 14400 COIL PLUS DRIVE IN PLAINFIELD (815-230-2037) TO ARRANGE PICK UP. THESE SIGNS SHALL BE PAID FOR AS INSTALL EXISTING SIGN PANEL.

PLAN: DATE | BY | SURVEYED | PLOTTED | CROSS CHECKED | R.W. MONUMENT | RT. OF WAY CHECKED | C400 FILE NAME | NOTE BOOK | NO.

PROFILE: DATE | BY | SURVEYED | PLOTTED | CROSS CHECKED | B.M. NOTED | STRUCTURE NO | TAINS CHKD | NOTE BOOK | NO.

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -	
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JWC	REVISED -	
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SIGN AND REMOVAL SCHEDULE

SCALE: N/A | SHEET NAME: SIGN-S2 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	303
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

PROPOSED SIGNS									
SIGN NUMBER	SIGN CODE	PANEL DESCRIPTION	STATION	OFFSET	WIDTH (IN)	HEIGHT (IN)	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	SIGN SUPPORT
E1-10	R5-1	DO NOT ENTER	3654+48	11' LT	36	36	9		15
E1-11	R3-2	NO LEFT TURN	3654+48	11' LT	36	36	9		*
P1-1	R3-H8BE	LANE USE - LEFT TURN ONLY, LEFT TURN ONLY	3662+67	11' LT	30	30	6.25		14.5
P1-2	R4-7	KEEP RIGHT, SYMBOL (SHARED POST)	3662+67	11' LT	24	30	5		*
P1-3	R3-H8BF	LANE USE - RIGHT TURN ONLY, RIGHT TURN ONLY	3663+08	74' LT	30	30	6.25		14.5
P1-4	R4-7	KEEP RIGHT, SYMBOL	3663+74	74' LT	24	30	5		14.5
P1-5	R3-H6E	LANE USE - LEFT TURN, U-TURN (SHARED POST)	3663+74	74' LT	30	36	7.5		*
P1-6	R4-7	KEEP RIGHT, SYMBOL	3664+45	08' RT	24	30	5		14.5
P1-7	R3-4B	U-TURN ONLY (SHARED POST)	3664+45	08' RT	30	36	7.5		*
E1-38	M3-4	WEST	3664+21	52' RT	24	12	2		13
E1-39	M1-4	US 30 SHIELD	3664+21	52' RT	24	24	4		*
E1-40	W8-5	SLIPPERY WARNING, SYMBOL	19+01	47' RT	30	30	6.25		14.5
E1-41	W8-5P	WHEN WET	19+01	47' RT	24	18	3		*
E1-42		FRONTAGE ROAD ENTRANCE	3664+45	44' LT	30	24	5		14
P1-8	M6-1L	GUIDE - LEFT ARROW (SHARED POST)	3664+45	44' LT	21	15	2.19		*
E1-44		FRONTAGE ROAD ENTRANCE	3664+45	44' LT	30	24	5		*
E1-45	M6-1	RIGHT ARROW	3664+45	44' LT	21	15	2.19		*
E1-46	R2-1	SPEED LIMIT 35	3666+09	51' RT	24	30	5		14.5
E1-48	M2-1	JCT	3666+05	44' LT	30	15	3.13		15
E1-49	M1-1	INTERSTATE 55 SHIELD	3666+05	44' LT	36	36	9		*
E1-50	R7-1a	NO PARKING ALONG HIGHWAY	3666+05	44' LT	24	30	5		*
P1-9	R6-2R	ONE WAY, RIGHT ARROW	3666+83	10' RT	30	36	7.5		15
P1-10	R1-1	STOP SIGN	3667+14	60' LT	30	30	6.25		14.5
E1-53	D3-1	SNS - SPANGLER RD	3667+14	60' LT	36	8	2		*
E1-54	D3-1	SNS - LINCOLN HWY	3667+14	60' LT	36	8	2		*
P1-11	R3-5R	RIGHT TURN ONLY	3667+07	60' LT	30	36	7.5		15
P1-12	R6-2R	ONE WAY, RIGHT ARROW	3667+30	10' RT	30	36	7.5		15
E1-59		EXCESSIVE ENGINE BRAKING NOISE PROHIBITED	3671+75	38' RT	30	36	7.5		15
P1-13	R4-7	KEEP RIGHT, SYMBOL	3670+80	07' LT	24	30	5		14.5
E2-1	W1-2R	CURVE WARNING (RIGHT)	3676+00	31' RT	36	36	9		15
E2-2	W11-10	TRUCK ENTRANCE WARNING	3674+90	33' LT	36	36	9		15
P2-1	D3-1	LILY CACHE RD	3679+35	31' RT	72	18	9		27 (2)
P2-2	R3-H8CA	LANE USE - LEFT TURN ONLY, RIGHT TURN ONLY	3685+20	83' LT	30	30	6.25		14.5
E2-8	W1-2L	WARNING SIGN - DOUBLE ARROW, LEFT AND RIGHT	3685+74	33' RT	48	24	8		28 (2)
E2-11	W1-2L	CURVE WARNING (LEFT)	3688+97	33' LT	36	36	9		15
P2-3	D3-1	LILY CACHE RD	3690+75	33' LT	72	18	9		27 (2)
E2-20		NO PARKING ON VILLAGE STREETS, 1AM TO 6AM	10+60	20' RT	24	30	5		14.5
E2-21		WEIGHT LIMIT 5 TONS	10+60	20' RT	24	30	5		*
E2-22	R5-2	NO TRUCKS, SYMBOL	11+50	17' RT	24	24	4		14
E2-23	D3-1	SNS - McCELLAN ST	10+43	24' LT	42	8	2.33		14.5
E2-24	D3-1	SNS - LINCOLN HWY	10+43	24' LT	36	8	2		*
P2-4	R1-1	STOP SIGN	3692+27	44' RT	30	30	6.25		*
P2-5	W4-I100	CROSS TRAFFIC DOES NOT STOP (SHARED POST)	3692+27	44' RT	36	18	4.5		*
E3-2	R2-1	SPEED LIMIT 35	3696+25	32' LT	24	30	5		14.5
E3-5	R2-1	SPEED LIMIT 35	3698+00	32' RT	24	30	5		14.5
E3-12	R1-1	STOP SIGN	3706+63	44' RT	30	30	6.25		14.5
P3-1	R5-2	NO TRUCKS, SYMBOL	3706+95	58' LT	24	24	4		14
P3-2	R4-7	KEEP RIGHT, SYMBOL	3708+67	7' LT	24	30	5		14.5
P3-3	R4-7	KEEP RIGHT, SYMBOL	3709+08	57' RT	24	30	5		14.5
P3-4	R6-2R	ONE WAY, RIGHT ARROW	3709+35	06' LT	24	30	5		14.5
P3-5	R6-2R	ONE WAY, RIGHT ARROW	3709+47	17' LT	24	30	5		14.5
E3-19	R1-1	STOP SIGN	3709+42	51' RT	30	30	6.25		14.5
E3-20	R3-5R	RIGHT TURN ONLY	3709+42	51' RT	24	30	5		14.5
P3-6	R6-2R	ONE WAY, RIGHT ARROW	3710+86	21' LT	24	30	5		14.5
P3-7	R6-2R	ONE WAY, RIGHT ARROW	3711+37	23' LT	24	30	5		14.5
P3-8	R3-H8BE	LANE USE - LEFT TURN ONLY, LEFT TURN ONLY	3710+00	15' LT	30	30	6.25		14.5
E3-23	R2-1	SPEED LIMIT 35	3711+17	52' LT	24	30	5		14.5
E3-25	R1-1	STOP SIGN (FOLDED)	3713+67	29' RT	30	30	6.25		14.5
E3-27	M3-2	EAST	3713+87	83' LT	24	12	2		TRAFFIC SIGNAL SUPPORT
E3-28	M1-4	US 30 SHIELD	3713+87	83' LT	24	24	4		TRAFFIC SIGNAL SUPPORT
E3-29	XM-31	HISTORIC ROUTE LINCOLN HIGHWAY	3713+87	83' LT	24	30	5		TRAFFIC SIGNAL SUPPORT
P3-9	W11-2	WARNING - PEDESTRIAN CROSSING	3713+18	62' RT	36	36	9		TRAFFIC SIGNAL SUPPORT
P3-10	W16-7PL	WARNING - DIAGONAL DOWNWARD ARROW, LEFT	3713+18	62' RT	24	12	2		TRAFFIC SIGNAL SUPPORT
P3-11	R3-H8BE	LANE USE - LEFT TURN ONLY, LEFT TURN ONLY	3713+69	26' LT	30	30	6.25		14.5
P3-12	R4-7	KEEP RIGHT, SYMBOL (SHARED POST)	3713+69	26' LT	24	30	5		*
E3-31	R1-1	STOP SIGN (FOLDED)	3714+54	74' LT	30	30	6.25		TRAFFIC SIGNAL SUPPORT
E3-32		NO THRU TRAFFIC	18+68	47' RT	18	24	3		14
E3-33		EXIT ONLY DO NOT ENTER	18+68	47' RT	18	24	3		*
E3-34		EXIT ONLY DO NOT ENTER	19+06	46' RT	18	24	3		14
E3-35	M3-4	WEST	3715+31	28' RT	24	12	2		TRAFFIC SIGNAL SUPPORT
E3-36	M1-4	US 30 SHIELD	3715+31	28' RT	24	24	4		TRAFFIC SIGNAL SUPPORT
E3-37	XM-31	HISTORIC ROUTE LINCOLN HIGHWAY	3715+31	28' RT	24	30	5		TRAFFIC SIGNAL SUPPORT
E3-40	R1-1	STOP SIGN (FOLDED)	3715+31	28' RT	30	30	6.25		TRAFFIC SIGNAL SUPPORT
E3-42	R1-1	STOP SIGN (FOLDED)	3716+06	93' LT	30	30	6.25		TRAFFIC SIGNAL SUPPORT
P3-13	R4-7	KEEP RIGHT, SYMBOL	3715+62	14' LT	24	30	5		14.5
P3-14	R3-5L	LEFT TURN ONLY (SHARED POST)	3715+62	14' LT	30	36	7.5		*
E3-43	R2-1	SPEED LIMIT 35	3716+66	26' RT	24	30	5		14.5
E3-44	D1-1a	LEFT ARROW "LOCKPORT 6"	3717+00	61' LT	72	18	9		27 (2)
E3-46	D3-1	RENWICK RD	3719+42	56' LT	66	18	8.25		27 (2)
P3-15	R4-7	KEEP RIGHT, SYMBOL	3719+36	23' LT	24	30	5		14.5

PROPOSED SIGNS									
SIGN NUMBER	SIGN CODE	PANEL DESCRIPTION	STATION	OFFSET	HEIGHT (IN)	WIDTH (IN)	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	SIGN SUPPORT
E4-1		RESIDENTIAL SPEED LIMIT 25 UNLESS OTHERWISE POSTED	8+42	18' LT	24	30	5		14.5
E4-2	R12-1	WEIGHT LIMIT 5 TONS	9+40	20' LT	24	30	5		14.5
P4-1	R1-1	STOP SIGN	3723+89	51' LT	30	30	6.25		14.5
P4-2	W4-I100	CROSS TRAFFIC DOES NOT STOP (SHARED POST)	3723+89	51' LT	36	18	4.5		*
E4-3	D3-1	SNS - COLLINS DR	9+50	21' RT	30	8	1.67		*
E4-4	D3-1	SNS - JOLIET RD	9+50	21' RT	30	8	1.67		*
E4-7	R2-1	SPEED LIMIT 35	3729+00	23' LT	24	30	5		14.5
P4-3	R1-1	STOP SIGN	3730+00	47' LT	30	30	6.25		14.5
P4-4	W4-I100	CROSS TRAFFIC DOES NOT STOP (SHARED POST)	3730+00	47' LT	36	18	4.5		*
E4-9	D3-1	SNS - HOWARD ST	8+78	45' RT	36	8	2		*
E4-10	D3-1	SNS - JOLIET RD	8+78	45' RT	30	8	1.67		*
E4-13		NO PARKING ON VILLAGE STREETS, 1AM TO 6AM	9+54	26' LT	24	30	5		14.5
E4-14	D2-2	JOLIET 5, CHICAGO HTS 30	3732+65	22' LT	76	30		15.83	29 (2)
P4-5	R1-1	STOP SIGN	3735+61	38' LT	30	30	6.25		14.5
P4-6	W4-I100	CROSS TRAFFIC DOES NOT STOP (SHARED POST)	3735+61	38' LT	36	18	4.5		*
E4-15	D3-1	SNS - GETSON AVE	9+61	33' RT	36	8	2		*
E4-16	D3-1	SNS - JOLIET RD	9+61	33' RT	30	8	1.67		*
E4-19	R2-1	SPEED LIMIT 35	3740+77	21' LT	24	30	5.00		14.5
E4-20	R2-1	SPEED LIMIT 35	3740+83	24' RT	24	30	5		14.5
E4-21**		THE VILLAGE OF PLAINFIELD ADOPT A HIGHWAY	3741+80	22' LT	30	18	3.75		13.5
E4-22**		PIONEER LANES NEXT 950 FEET	3741+80	22' LT	30	12	2.5		*
E5-9	R2-1	SPEED LIMIT 35	3759+40	22' LT	24	30	5		14.5
E5-10		RESIDENTIAL SPEED LIMIT 25 UNLESS OTHERWISE POSTED	9+25	17' LT	24	30	5		14.5
P5-1	R1-1	STOP SIGN	3760+23	37' LT	30	30	6.25		14.5
P5-2	W4-I100	CROSS TRAFFIC DOES NOT STOP (SHARED POST)	3760+23	37' LT	36	18	4.5		*
E5-11	D3-1	SNS - UNION ST	9+63	22' RT	30	8	1.67		*
E5-12	D3-1	SNS - JOLIET RD	9+63	22' RT	30	8	1.67		*
E5-15	R5-2	NO TRUCKS, SYMBOL	9+53	20' LT	24	24	4		14
E5-16		NO PARKING ON VILLAGE STREETS, 1AM TO 6AM	9+53	20' LT	24	30	5		*
E5-17	R5-2	NO TRUCKS, SYMBOL	10+48	20' RT	24	24	4		14
E5-18		NO PARKING ON VILLAGE STREETS, 1AM TO 6AM	10+48	20' RT	18	24	3		*
P5-3	R1-1	STOP SIGN	3761+19	31' RT	30	30	6.25		14.5
P5-4	W4-I100	CROSS TRAFFIC DOES NOT STOP (SHARED POST)	3761+19	31' RT	36	18	4.5		*
E5-19	D3-1	SNS - UNION ST	10+30	25' LT	30	8	1.67		*
E5-20	D3-1	SNS - JOLIET RD	10+31	25' LT	30	8	1.67		*
E5-23		SPEED LIMIT 35	3761+75	20' RT	24	30	5		14.5
E6-1	W1-1L	CURVE WARNING (LEFT)	9+00	20' RT	30	30	6.25		14.5
E6-2	W13-1P	ADVISORY SPEED, 25 MPH	9+00	20' RT	18	18	2.25		*
E6-3	W8-5	SLIPPERY WARNING, SYMBOL	10+00	20' RT	30	30	6.25		14.5
E6-4	W8-5P	WHEN WET	10+00	20' RT	24	18	3		*
E6-5	W1-8L	LEFT CHEVRON	10+82	27' RT	24	30	5		14.5
E6-6	W1-8L	LEFT CHEVRON	11+39	28' RT	24	30	5		14.5
E6-7	W1-8R	RIGHT CHEVRON	11+39	28' RT	24	30	5		*
E6-8	R2-1	SPEED LIMIT 35	11+75	25' LT	30	36	7.5		15
E6-9	W1-8L	LEFT CHEVRON	11+90	29' RT	24	30	5		14.5
E6-10	W1-8R	RIGHT CHEVRON	11+90	29' RT	24	30	5		*
E6-11	W1-8L	LEFT CHEVRON	12+73	38' RT	24	30	5		14.5
E6-12	W1-8R	RIGHT CHEVRON	12+73	38' RT	24	30	5		*
E6-13	W1-8R	RIGHT CHEVRON	13+38	46' RT	24	30	5		14.5
E6-14	W8-5	SLIPPERY WARNING, SYMBOL	14+40	25' LT	24	30	5		14.5
E6-15	W8-5P	WHEN WET	14+40	25' LT	24	30	5		*
P6-1	R4-7	KEEP RIGHT, SYMBOL	13+43	04' RT	24	30	5		14.5
E6-16	W1-2R	CURVE WARNING (RIGHT)	15+40	31' LT	30	30	6.25		14.5
E6-17	W13-1P	ADVISORY SPEED, 25 MPH	15+40	31' LT	18	18	2.25		*
E6-18	W3-3	WARNING - TRAFFIC SIGNAL AHEAD	14+00	53' RT	36	36	9		15
P6-2	R3-H6E	LANE USE - LEFT TURN/U-TURN	14+51	06' RT	30	36	7.5		15
P6-3	R3-H8	LANE USE - RIGHT TURN ONLY, RIGHT TURN ONLY	15+04	69' RT	30	30	6.25		14.5
E6-19	W1-1R	CURVE WARNING (RIGHT)	16+05	68' RT	30	30	6.25		14.5
E6-20	W13-1P	ADVISORY SPEED, 15 MPH	16+05	68' RT	18	18	2.25		*
E6-21	W8-5	SLIPPERY WARNING, SYMBOL	16+75	68' RT	36	36	9		15
E6-22	W8-5P	WHEN WET	16+75	68' RT	24	18	3		*
E6-24	W1-8L	LEFT CHEVRON	17+78	43' LT	24	30	5		14.5
E6-25	W1-8R	RIGHT CHEVRON	18+00	C/L	24	30	5		14.5
E6-26	W1-8L	LEFT CHEVRON	18+17	44' LT	24	30	5		14.5
E6-27	W1-8R	RIGHT CHEVRON	18+50	C/L	24	30	5		14.5
E6-28	W1-8L	LEFT CHEVRON	18+54	48' LT	24	30	5		14.5
E6-29	W1-1L	CURVE WARNING (LEFT)	18+98	46' LT	36	36	9		15
E6-30	W13-1P	ADVISORY SPEED, 15 MPH	18+98	46' LT	18	18	2.25		*
					SUBTOTAL:		743.2	15.8	1369.5

* THIS SIGN SHARES A POST WITH THE SIGN ABOVE IT.
** SEE NOTE 3 FROM SHEET 303.
(2) THIS SIGN HAS TWO TELESCOPING STEEL POSTS.

PLAN: SURVEYED | PLOTTED | CHECKED | PLOTTED | CHECKED | DRAWN | CHECKED | QUANTITIES | CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE: SURVEYED | PLOTTED | CHECKED | PLOTTED | CHECKED | DRAWN | CHECKED | QUANTITIES | CHECKED | B.M. NOTED | STRUCTURE NOTATIONS CHKD | NOTE BOOK | NO. | BY | DATE

FILE PATH = G:\CH12\2012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -	
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JWC	REVISED -	
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN SCHEDULE

SCALE: N/A | SHEET NAME: SIGN-S3 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	304
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

PROPOSED SIGNS									
SIGN NUMBER	SIGN CODE	PANEL DESCRIPTION	STATION	OFFSET	HEIGHT (IN)	WIDTH (IN)	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	SIGN SUPPORT
E7-1	D3-1	SNS - COLLINS DR	12+20	44' LT	30	8	1.67		14.5
E7-2	D3-1	SNS - RENWICK RD	12+20	44' LT	36	8	2		*
P7-1	R1-1	STOP SIGN	12+20	44' LT	30	30	6.25		*
P7-2	W4-1100	CROSS TRAFFIC DOES NOT STOP (SHARED POST)	12+20	44' LT	36	18	4.5		*
E7-5	R12-1	WEIGHT LIMIT 5 TONS	12+55	57' LT	24	30	5		14.5
E7-6	R2-1	SPEED LIMIT 30	15+00	32' LT	24	30	5		14.5
E7-8	D3-1	SNS - PEERLESS DR	16+66	41' RT	36	8	2		14.5
E7-9	D3-1	SNS - RENWICK RD	16+66	41' RT	36	8	2		*
P7-3	R1-1	STOP SIGN	16+66	41' RT	30	30	6.25		*
P7-4	R3-5R	RIGHT TURN ONLY	16+74	41' RT	30	36	7.5		15
E7-12**		SEAT BELTS SAVE LIVES	23+02	33' LT	24	30	5		14.5
E7-13**		WILL CO ADOPT A HIGHWAY	22+50	32' RT	30	18	3.75		15
E7-14**		NEXT 2.3 MILES	22+50	32' RT	30	6	1.25		*
E7-15**		KEEP WILL COUNTY CLEAN	22+50	32' RT	36	36	9		*
E7-16	R2-5C	SPEED ZONE AHEAD	26+00	26' LT	24	30	5		14.5
E7-17	W13-1P	30 MPH	26+00	26' LT	18	18	2.25		*
E7-18	R3-2	NO LEFT TURN, SYMBOL	25+55	33' RT	36	36	9		15
E7-19	R4-7	KEEP RIGHT, SYMBOL	25+60	47' RT	24	30	5		14.5
E7-20	R5-1	DO NOT ENTER	25+67	34' RT	30	30	6.25		14.5
E7-21	R1-1	STOP SIGN	25+86	58' RT	30	30	6.25		14.5
E7-22	R5-1	DO NOT ENTER	25+95	47' RT	30	30	6.25		14.5
E7-23	R3-5R	RIGHT TURN ONLY	25+91	60' RT	24	30	5		14.5
					SUBTOTAL:		106.2	0.0	204.5
					TOTAL:		849.3	15.8	1574.0

• THIS SIGN SHARES A POST WITH THE SIGN ABOVE IT.
•• SEE NOTE 3 FROM SHEET 303.
(2) THIS SIGN HAS TWO TELESCOPING STEEL POSTS.

PLAN
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO. ____
BY
DATE

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO. ____
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN SCHEDULE

SCALE: N/A | SHEET NAME: SIGN-S4 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	305
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
DRAWN
CHECKED
QUANTITIES CHECKED
R.O.W. MARKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
DRAWN
CHECKED
QUANTITIES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

SHEET 1

E1-10 — R5-1 — 36″ X 36″

E1-11 — R3-2 — 36″ X 36″

E1-38 — M3-4 — 24″ X 12″

E1-39 — M1-4 — 24″ X 24″

E1-40 — W8-5 — 30″ X 30″

E1-41 — W8-5P — 24″ X 18″

E1-42 * — 30″ X 24″

E1-44 * — 30″ X 24″

E1-45 — M6-1 — 21″ X 15″

E1-46 — R2-1 — 30″ X 36″

E1-48 — M2-1 — 21″ X 15″

E1-49 — M1-1 — 36″ X 36″

SHEET 1 CONT.

E1-50 * — R7-1a — 24″ X 30″ (IDOT SIGN SHOP ORDER #10500)

E1-53 * — D3-1 — 36″ X 8″

E1-54 * — D3-1 — 36″ X 8″

E1-58 * — R5-I106 — 30″ X 36″

SHEET 2

E2-1 — W1-2R — 36″ X 36″

E2-2 — W11-10 — 36″ X 36″

E2-8 — W1-7 — 48″ X 24″

E2-11 — W1-2L — 36″ X 36″

E2-20 * — 24″ X 30″

E2-21 — R12-1 — 24″ X 30″

E2-22 — R5-2 — 24″ X 24″

E2-23 * — D3-1 — 42″ X 8″

E2-24 * — D3-1 — 36″ X 8″

SHEET 3

E3-2 — R2-1 — 30″ X 36″

E3-5 — R2-1 — 30″ X 36″

E3-12 — R1-1 — 30″ X 30″

E3-19 — R1-1 — 30″ X 30″

E3-20 — R3-5R — 30″ X 36″

E3-23 — R2-1 — 30″ X 36″

E3-25 — R1-1 (FOLDED) — 36″ X 36″

E3-27 — M3-2 — 24″ X 12″

E3-28 — M1-4 — 24″ X 24″

E3-29 — XM-31 — 24″ X 30″ (IDOT SIGN SHOP ORDER #12910)

E3-31 — R1-1 (FOLDED) — 36″ X 36″

E3-32 * — 18″ X 24″

SHEET 3 CONT.

E3-33 * — 18″ X 24″

E3-34 * — 18″ X 24″

E3-35 — M3-4 — 24″ X 12″

E3-36 — M1-4 — 24″ X 24″

E3-37 — XM-31 — 24″ X 30″ (IDOT SIGN SHOP ORDER #12910)

E3-40 — R1-1 (FOLDED) — 36″ X 36″

E3-42 — R1-1 (FOLDED) — 36″ X 36″

E3-43 — R2-1 — 30″ X 36″

E3-44 * — D1-1a — 72″ X 18″

E3-46 * — D3-1 — 66″ X 18″

SHEET 4

E4-1 * — 24″ X 30″

E4-2 — R12-1 — 24″ X 30″

E4-3 * — D3-1 — 30″ X 8″

E4-4 * — D3-1 — 30″ X 8″

E4-7 — R2-1 — 30″ X 36″

E4-9 * — D3-1 — 36″ X 8″

E4-10 * — D3-1 — 30″ X 8″

E4-13 * — 24″ X 30″

E4-14 * — D2-2 — 76″ X 30″

NOTE:

* SEE SHEETS 309 TO 315 FOR FURTHER SIGN DETAILS

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNS

SCALE: N/A | SHEET NAME: SIGN-S5 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	306
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET 4 CONT.

E4-15 *


D3-1
36" X 8"

E4-16 *


D3-1
30" X 8"

E4-19


R2-1
24" X 30"

E4-20


R2-1
24" X 30"

E4-21


30" X 18"
(FURNISHED BY VILLAGE OF PLAINFIELD)

E4-22


30" X 12"
(FURNISHED BY VILLAGE OF PLAINFIELD)

SHEET 5

E5-9


R2-1
24" X 30"

E5-10 *


24" X 30"

E5-11 *


D3-1
30" X 8"

E5-12 *


D3-1
30" X 8"

E5-15

R5-2
24" X 24"

E5-16 *


24" X 30"

E5-17

R5-2
24" X 24"

E5-18 *


24" X 30"

E5-19 *


D3-1
30" X 8"

E5-20 *


D3-1
30" X 8"

E5-24

W6-3
36" X 36"

SHEET 6

E6-1

W1-1L
30" X 30"

E6-2


W13-1P
18" X 18"

E6-3

W8-5
30" X 30"

E6-4


W8-5P
24" X 18"

E6-5

W1-8L
24" X 30"

E6-6

W1-8L
24" X 30"

E6-7

W1-8R
24" X 30"

E6-8


R2-1
24" X 30"

E6-9

W1-8L
24" X 30"

E6-10

W1-8R
24" X 30"

E6-11

W1-8L
24" X 30"

E6-12

W1-8R
24" X 30"

SHEET 6 CONT.

E6-13

W1-8R
24" X 30"

E6-14

W8-5
30" X 30"

E6-15


W8-5P
24" X 18"

E6-16

W1-2R
30" X 30"

E6-17


W13-1P
18" X 18"

E6-18

W3-3
30" X 30"

E6-19

W1-1R
30" X 30"

E6-20


W13-1P
18" X 18"

E6-21

W8-5
30" X 30"

E6-22


W8-5P
24" X 18"

E6-24

W1-8L
24" X 30"

E6-25

W1-8R
24" X 30"

SHEET 6 CONT.

E6-26

W1-8L
24" X 30"

E6-27

W1-8R
24" X 30"

E6-28

W1-8L
24" X 30"

E6-29

W1-1L
30" X 30"

E6-30

W13-1P
18" X 18"

NOTE:

* SEE SHEETS 309 TO 315 FOR FURTHER SIGN DETAILS

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

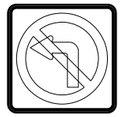
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNS

SCALE: N/A | SHEET NAME: SIGN-S6 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	307
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

	E7-1 *	E7-2 *	E7-5	E7-6	E7-8 *	E7-9 *	E7-12	E7-13	E7-14	E7-15	E7-16	E7-17
SHEET 7												
	D3-1 30" X 8"	D3-1 36" X 8"	R12-1 24" X 30"	R2-1 30" X 36"	D3-1 36" X 8"	D3-1 36" X 8"	24" X 30" (FURNISHED BY VILLAGE OF PLAINFIELD)	30" X 18" (FURNISHED BY WILL COUNTY)	30" X 6" (FURNISHED BY WILL COUNTY)	30" X 18" (FURNISHED BY WILL COUNTY)	R2-5C 24" X 30"	W13-1P 18" X 18"

	E7-18	E7-19	E7-20	E7-21	E7-22	E7-23
SHEET 7 CONT.						
	R3-2 36" X 36"	R4-7 24" X 30"	R5-1 36" X 36"	R1-1 30" X 30"	R5-1 36" X 36"	R3-5R 30" X 36"

NOTE:

* SEE SHEETS 309 TO 315 FOR FURTHER SIGN DETAILS

PLAN: SURVEYED | PLOTTED | CROSS CHECKED | NOTE BOOK | NO. ____ | DRAWN | ALIGNMENT CHECKED | RT. OF WAY CHECKED | C400 FILE NAME | BY | DATE

PROFILE: SURVEYED | PLOTTED | CROSS CHECKED | NOTE BOOK | NO. ____ | B.M. NOTED | STRUCTURE NOTATNS CHKD | BY | DATE

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

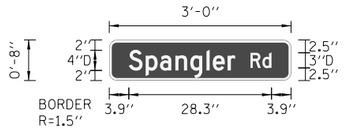
PROPOSED SIGNS

SCALE: N/A | SHEET NAME: SIGN-S7 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	308
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SIGN DETAIL E1-53

1:25



Panel Style: Street Name 4-3in.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	name	
WIDTH x HGHT.	3'-0" x 0'-8"	
BORDER WIDTH	0"	
CORNER RADIUS	1.5"	
MOUNTING	Ground	
BACKGROUND	TYPE:	Reflective – AP
	COLOR:	Green – 3M 3997
LEGEND/BORDER	TYPE:	Reflective – AP
	COLOR:	White/White – 3M 3990

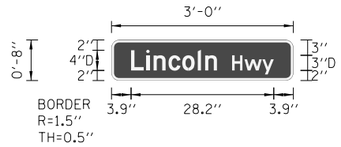
SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 4–3in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
S	p	a	n	g	l	e	r	R	d							D 2000
3.9	7.2	10	13.1	16	19.2	20.5	23.4	28	30.3						28.3	43,32.3

SIGN DETAIL E1-54, E2-24

1:25



Panel Style: Street Name 4-3in.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	name	
WIDTH x HGHT.	3'-0" x 0'-8"	
BORDER WIDTH	0.5"	
CORNER RADIUS	1.5"	
MOUNTING	Ground	
BACKGROUND	TYPE:	Reflective – AP
	COLOR:	Green – 3M 3997
LEGEND/BORDER	TYPE:	Reflective – AP
	COLOR:	White/White – 3M 3990

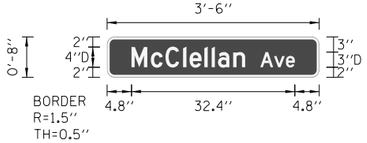
SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 4–3in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
L	i	n	c	o	l	n	H	w	y							D 2000
3.9	6.9	8.3	11.3	14	17.1	18.5	23.9	26.4	29.9						28.2	43,32.3

SIGN DETAIL E2-23

1:25



Panel Style: Street Name 4-3in.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	name	
WIDTH x HGHT.	3'-6" x 0'-8"	
BORDER WIDTH	0.5"	
CORNER RADIUS	1.5"	
MOUNTING	Ground	
BACKGROUND	TYPE:	Reflective – AP
	COLOR:	Green – 3M 3997
LEGEND/BORDER	TYPE:	Reflective – AP
	COLOR:	White/White – 3M 3990

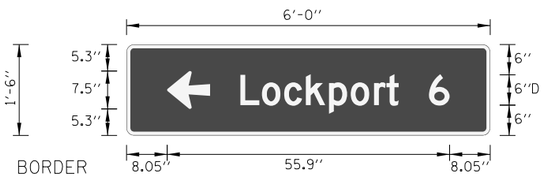
SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 4–3in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
M	c	C	l	e	l	l	a	n	A	v	e					D 2000
4.8	8.7	11.5	15.1	16.3	19.3	20.7	21.9	25	30.3	33	35.4				32.4	43,32.3

SIGN DETAIL E3-44

1:25



Panel Style: guide_con_destination.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	D1-1a (1 Dest – Arrow L or R and Dist)	
WIDTH x HGHT.	6'-0" x 1'-6"	
BORDER WIDTH	0.75"	
CORNER RADIUS	1.5"	
MOUNTING	Ground	
BACKGROUND	TYPE:	Reflective – AP
	COLOR:	Green – 3M 3997
LEGEND/BORDER	TYPE:	Reflective – AP
	COLOR:	White/White – 3M 3990

SYMBOL	ROT	X	Y	WID	HT
AR_Type B	90	8	5.3	9	8

Panel Style: guide_con_destination.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
L	o	c	k	p	o	r	t									D 2000
22.6	26.8	31.2	35.5	40.1	44.4	49	51.5								31.3	64.5
6																D 2000
59.9															4.1	6

PLAN / PROFILE
SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
R.O.W. MONUMENT CHECKED
RT. OF WAY CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
CADD FILE NAME
NOTE BOOK
NO. ____
BY
DATE

FILE PATH = G:\CH2\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -
PLOT SCALE = 2.5000 ' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN DETAILS

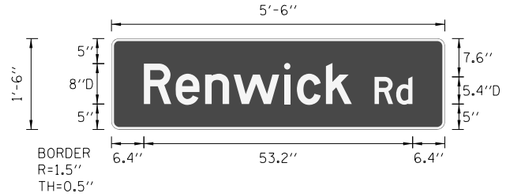
SCALE: N/A | SHEET NAME: SIGN-S8 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	309
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SIGN DETAIL

1:25

E3-46



Panel Style: Street name 8-6in.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street name 8-6in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	name	
WIDTH x HGHT.	5'-6" x 1'-6"	
BORDER WIDTH	0.5"	
CORNER RADIUS	1.5"	
MOUNTING	Ground	
BACKGROUND	TYPE:	Reflective – AP
	COLOR:	Green – 3M 3997
LEGEND/BORDER	TYPE:	Reflective – AP
	COLOR:	White/White – 3M 3990

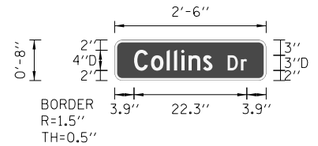
SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
R	e	n	w	i	c	k	R	d								D 2000
6.4	12.7	18.6	24.2	34.2	36.7	42.5	52.1	56.4							53.2	8/6,5.4/4

SIGN DETAIL

1:25

E4-3, E7-1



Panel Style: Street Name 4-3in.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	name	
WIDTH x HGHT.	2'-6" x 0'-8"	
BORDER WIDTH	0.5"	
CORNER RADIUS	1.5"	
MOUNTING	Ground	
BACKGROUND	TYPE:	Reflective – AP
	COLOR:	Green – 3M 3997
LEGEND/BORDER	TYPE:	Reflective – AP
	COLOR:	White/White – 3M 3990

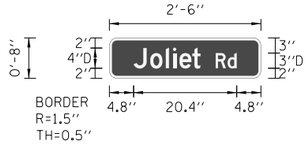
SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
C	o	l	l	i	n	s	D	r								D 2000
3.9	7.2	10.3	11.7	13.2	14.6	17.5	22.4	25							22.3	4/3,3/2.3

SIGN DETAIL

1:25

E4-4, E4-10, E4-16,
E5-12, E5-20



Panel Style: Street Name 4-3in.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	name	
WIDTH x HGHT.	2'-6" x 0'-8"	
BORDER WIDTH	0.5"	
CORNER RADIUS	1.5"	
MOUNTING	Ground	
BACKGROUND	TYPE:	Reflective – AP
	COLOR:	Green – 3M 3997
LEGEND/BORDER	TYPE:	Reflective – AP
	COLOR:	White/White – 3M 3990

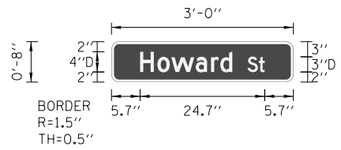
SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
J	o	l	i	e	t	R	d									D 2000
4.8	8.1	11.2	12.6	13.9	16.4	21	23.4								20.4	43,32.3

SIGN DETAIL

1:25

E4-9



Panel Style: Street Name 4-3in.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	name	
WIDTH x HGHT.	3'-0" x 0'-8"	
BORDER WIDTH	0.5"	
CORNER RADIUS	1.5"	
MOUNTING	Ground	
BACKGROUND	TYPE:	Reflective – AP
	COLOR:	Green – 3M 3997
LEGEND/BORDER	TYPE:	Reflective – AP
	COLOR:	White/White – 3M 3990

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
H	o	w	a	r	d	S	t									D 2000
5.7	9.1	11.9	16.7	19.7	21.5	26.9	29.2								24.7	43,32.3

PLAN / PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO. ____
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -
PLOT SCALE = 2.5000 ' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

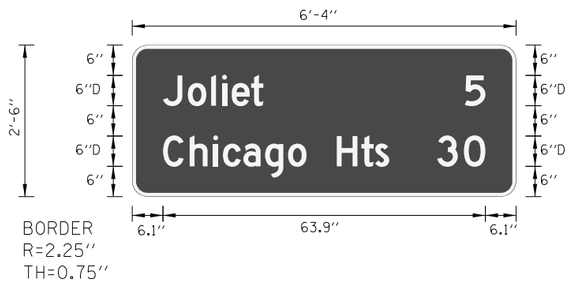
PROPOSED SIGN DETAILS

SCALE: N/A | SHEET NAME: SIGN-S9 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	310
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SIGN DETAIL E4-14

1:25



Panel Style: guide_con_distance.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: guide_con_distance.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

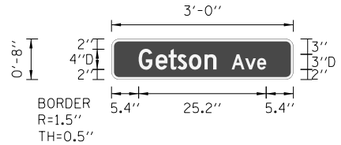
SIGN NUMBER	D2 Distance Series (1 – 3 Lines)
WIDTH x HGHT.	6'–4" x 2'–6"
BORDER WIDTH	0.75"
CORNER RADIUS	2.25"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective – AP
	COLOR: Green – 3M 3997
LEGEND/BORDER	TYPE: Reflective – AP
	COLOR: White/White – 3M 3990

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
J	o	l	i	e	t	5										D 2000
6.1	11	15.6	17.8	19.7	23.5	65.8									63.9	6/4.5
C	h	i	c	a	g	o		H	t	s	3	0				D 2000
6.1	11.4	16	18	22	26.3	30.9	34.5	40.5	45.4	48.1	60.4	65.7			63.9	6/4.5

SIGN DETAIL E4-15

1:25



Panel Style: Street Name 4-3in.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 4–3in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

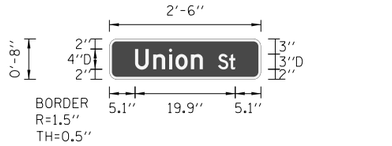
SIGN NUMBER	name
WIDTH x HGHT.	3'–0" x 0'–8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective – AP
	COLOR: Green – 3M 3997
LEGEND/BORDER	TYPE: Reflective – AP
	COLOR: White/White – 3M 3990

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
G	e	t	s	o	n	A	v	e								D 2000
5.4	8.7	11.3	13.1	15.3	18.4	23.8	26.5	28.9							25.2	4/3.2/2.3

SIGN DETAIL E5-11, E5-19

1:25



Panel Style: Street Name 4-3in.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 4–3in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

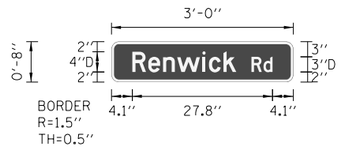
SIGN NUMBER	name
WIDTH x HGHT.	2'–6" x 0'–8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective – AP
	COLOR: Green – 3M 3997
LEGEND/BORDER	TYPE: Reflective – AP
	COLOR: White/White – 3M 3990

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
U	n	i	o	n	S	t										D 2000
5.1	8.7	11.8	13.1	16.2	21.5	23.7									19.9	4/3.2/2.3

SIGN DETAIL E7-2, E7-9

1:25



Panel Style: Street Name 4-3in.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 4–3in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	name
WIDTH x HGHT.	3'–0" x 0'–8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective – AP
	COLOR: Green – 3M 3997
LEGEND/BORDER	TYPE: Reflective – AP
	COLOR: White/White – 3M 3990

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
R	e	n	w	i	c	k	R	d								D 2000
4.1	7.3	10.2	13	18	19.3	22.2	27.7	30.1							27.8	4/3.2/2.3

PLAN / PROFILE

DATE	BY	
		SURVEYED
		PLOTTED
		CROSS CHECKED
		ALIGNMENT CHECKED
		RT. OF WAY CHECKED
		C400 FILE NAME
		B.M. NOTED
		STRUCTURE NO.
		TTS CHK'D

NOTE BOOK
NO. ____

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -
PLOT SCALE = 2.5000 ' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

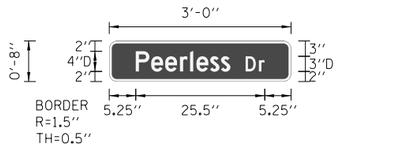
PROPOSED SIGN DETAILS

SCALE: N/A | SHEET NAME: SIGN-S10 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	311
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SIGN DETAIL E7-8

1:25



Panel Style: Street Name 4-3in.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	name
WIDTH x HGHT.	3'-0" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective - AP
	COLOR: Green - 3M 3997
LEGEND/BORDER	TYPE: Reflective - AP
	COLOR: White/White - 3M 3990

SYMBOL	ROT	X	Y	WID	HT

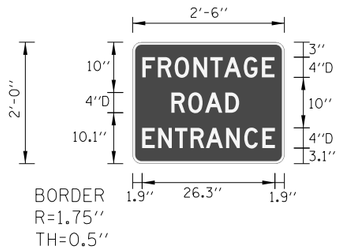
Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

P	e	e	r	l	e	s	s	D	r						LENGTH 25.5	SERIES/SIZE D 2000 43,32.3
5.2	8.3	11.1	14	16	17.3	20	22.1	27	29.6							

SIGN DETAIL E1-42, E1-44

1:25



Panel Style: guide_con_destination.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	N/A
WIDTH x HGHT.	2'-6" x 2'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	1.75"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective - AP
	COLOR: Green - 3M 3997
LEGEND/BORDER	TYPE: Reflective - AP
	COLOR: White/White - 3M 3990

SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_con_destination.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

F	R	O	N	T	A	G	E								LENGTH 26.2	SERIES/SIZE D 2000 4
1.9	5	8.3	12	15.4	18.1	22	25.6									
R	O	A	D												LENGTH 13.4	SERIES/SIZE D 2000 4
7.7	11	14.4	18.4													
E	N	T	R	A	N	C	E								LENGTH 26.3	SERIES/SIZE D 2000 4
1.9	5.1	8.4	11.5	14.5	18.5	22.1	25.7									

PLAN
SURVEYED
PLOTTED
CROSS CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
C400 FILE NAME
NOTE BOOK
NO. ____
BY
DATE

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO. ____
BY
DATE

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -
PLOT SCALE = 2.5000 ' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN DETAILS

SCALE: N/A | SHEET NAME: SIGN-S11 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	312
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SIGN DETAIL

1:15

E2-20, E4-13
E5-16, E5-18

Panel Style: regulatory.ssi Panel Style: regulatory.ssi
M.U.T.C.D.: 2009 Edition
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	N/A
WIDTH x HGHT.	2'-0" x 2'-6"
BORDER WIDTH	0.625"
CORNER RADIUS	1.125"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective – AP
	COLOR: White – 3M 3990
LEGEND/BORDER	TYPE: Reflective – AP
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

SIGN DETAIL

1:15

E1-50

Panel Style: regulatory.ssi Panel Style: regulatory.ssi
M.U.T.C.D.: 2009 Edition
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	N/A
WIDTH x HGHT.	2'-0" x 2'-6"
BORDER WIDTH	0.625"
CORNER RADIUS	1.125"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective – AP
	COLOR: White – 3M 3990
LEGEND/BORDER	TYPE: Reflective – AP
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

															LENGTH	SERIES/SIZE
N	O															C 2000
9.1	12.4														5.7	4.3
P	A	R	K	I	N	G										C 2000
2.2	5.1	8.4	11.5	14.6	16.2	19.4									19.6	4.3
O	N	V	I	L	L	A	G	E								C 2000
5	6.8	9.2	10.9	11.7	13.2	14.5	16.2	17.9							14.1	2.3
S	T	R	E	E	T	S										C 2000
7	8.4	9.9	11.5	13.1	14.4	15.8									10.1	2.3
F	R	O	M	1	:	0	0	A	M							C 2000
3.8	5.2	6.8	8.6	11.3	12.1	12.8	14.5	17	18.8						16.5	2.3
T	O	6	:	0	0	A	M									C 2000
6.6	8	10.5	12.1	12.8	14.5	17	18.8								13.7	2.3

LETTER POSITIONS (X)

															LENGTH	SERIES/SIZE
N	O															D 2000
8.8	12.4														6.4	4
P	A	R	K	I	N	G										D 2000
2.1	5	8.7	11.7	14.9	16	19.2									19.7	4
A	L	O	N	G												C 2000
7.6	9.6	11.1	13.1	15											8.8	2.5
H	I	G	H	W	A	Y										C 2000
6.1	8	8.9	10.8	12.5	14.6	16.3									11.9	2.5

PLAN — SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHK'D, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO. ____, BY, DATE

PROFILE — SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHK'D, NOTE BOOK, NO. ____, BY, DATE

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -
PLOT SCALE = 1.2000 ' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN DETAILS

SCALE: N/A | SHEET NAME: SIGN-S12 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	313
		CONTRACT NO. 60P95		

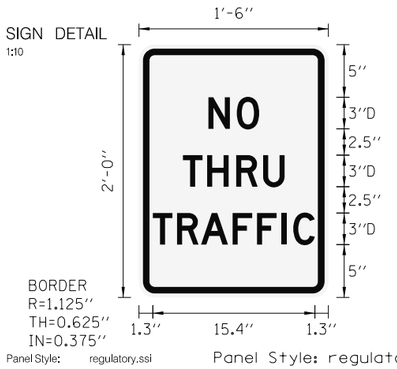
FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

PLAN

DATE	BY	
		SURVEYED
		PLOTTED
		CROSS CHECKED
		ALIGNMENT CHECKED
		RT. OF WAY CHECKED
		CADD FILE NAME
		NOTE BOOK
		NO.

E3-32

SIGN DETAIL
1:10



Panel Style: regulatory.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

Panel Style: regulatory.ssi
M.U.T.C.D.: 2009 Edition

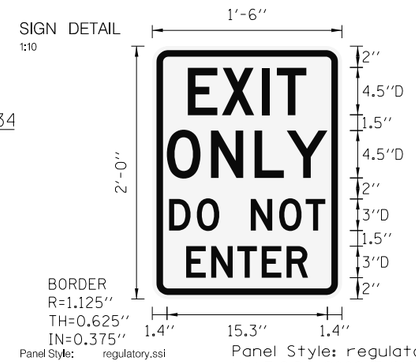
SIGN NUMBER	N/A
WIDTH x HGHT.	1'-6" x 2'-0"
BORDER WIDTH	0.625"
CORNER RADIUS	1.125"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective - AP
	COLOR: White - 3M 3990
LEGEND/BORDER	TYPE: Reflective - AP
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)															LENGTH	SERIES-SIZE
N	O															D 2000
6.6	9.3														4.8	3
T	H	R	U													D 2000
4.2	6.5	9.3	11.8												9.7	3
T	R	A	F	F	I	C										D 2000
1.3	3.6	5.9	8.9	11.2	13.5	14.7									15.4	3

E3-33, E3-34

SIGN DETAIL
1:10



Panel Style: regulatory.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

Panel Style: regulatory.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	N/A
WIDTH x HGHT.	1'-6" x 2'-0"
BORDER WIDTH	0.625"
CORNER RADIUS	1.125"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective - AP
	COLOR: White - 3M 3990
LEGEND/BORDER	TYPE: Reflective - AP
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)															LENGTH	SERIES-SIZE
E	X	I	T													D 2000
3.4	6.6	10.5	11.8												11.3	4.5
O	N	L	Y													D 2000
1.4	5.6	9.7	12.8												15.3	4.5
D	O		N	O	T											D 2000
1.6	4.2	6.4	9.4	12.1	14.6										14.9	3
E	N	T	E	R												D 2000
3.2	5.6	8.1	10.4	12.8											11.6	3

PROFILE

DATE	BY	
		SURVEYED
		PLOTTED
		CROSS CHECKED
		B.M. NOTED
		STRUCTURE NOTATNS CHKD
		NOTE BOOK
		NO.

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - ACW	REVISED -	
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -	
PLOT SCALE = 1.2000 ' / in.	CHECKED - JWC	REVISED -	
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN DETAILS

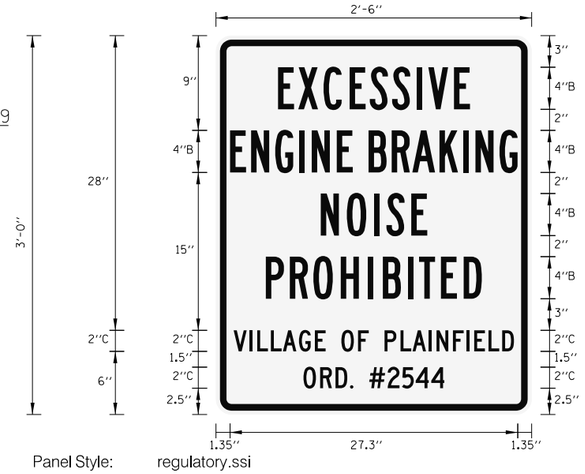
SCALE: N/A | SHEET NAME: SIGN-S13 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	314
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SIGN DETAIL

1:15

E1-59



BORDER
R=1.125"
TH=0.625"
IN=0.375"

Panel Style: regulatory.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

Panel Style: regulatory.ssi
M.U.T.C.D.: 2009 Edition

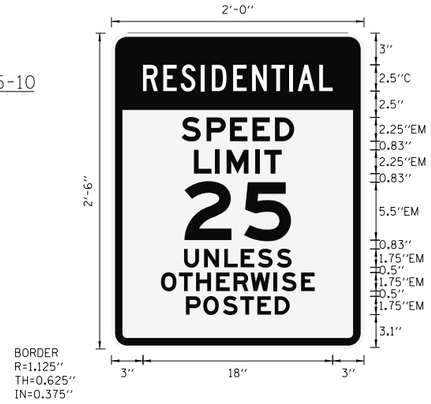
SIGN NUMBER	N/A
WIDTH x HGHT.	2'-6" x 3'-0"
BORDER WIDTH	0.625"
CORNER RADIUS	1.125"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective – AP
	COLOR: White – 3M 3990
LEGEND/BORDER	TYPE: Reflective – AP
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

SIGN DETAIL

1:15

E4-1, E5-10



BORDER
R=1.125"
TH=0.625"
IN=0.375"

Panel Style: regulatory.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

Panel Style: regulatory.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	N/A
WIDTH x HGHT.	2'-0" x 2'-6"
BORDER WIDTH	0.625"
CORNER RADIUS	1.125"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective – AP
	COLOR: White – 3M 3990
LEGEND/BORDER	TYPE: Reflective – AP
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

															LENGTH	SERIES/SIZE
E	X	C	E	S	S	I	V	E								B 2000
5.9	7.8	10.2	12.7	14.6	16.7	19.1	20.2	22.6							18.2	4
E	N	G	I	N	E	B	R	A	K	I	N	G				B 2000
1.3	3.3	5.6	7.9	9.1	11.5	14.5	16.7	18.7	21.2	23.5	24.7	27			27.3	4
N	O	I	S	E												B 2000
10	12.4	15	16.2	18.6											10.1	4
P	R	O	H	I	B	I	T	E	D							B 2000
4.7	7	9.3	11.9	14.5	15.9	18.2	19.3	21.4	23.5						20.5	4
V	I	L	L	A	G	E	O	F	P	L	A	I	N	F	I	C E2000 L D
1.7	3.2	3.9	5.2	6.4	7.9	9.4	11.9	13.5	16	17.5	18.7	20.2	21	22.5	23.8	224.5 25.9 27.2
O	R	D	.	#	2	5	4	4								C 2000
8.3	9.9	11.4	12.7	14.6	16.3	17.7	19	20.5							13.4	2

LETTER POSITIONS (X)

															LENGTH	SERIES/SIZE
R	E	S	I	D	E	N	T	I	A	L						C 2000
3	4.9	6.6	8.5	9.6	11.6	13.4	15.2	16.9	17.7	19.8					18	2.5
S	P	E	E	D												EM 2000
6.7	9	11.3	13.4	15.5											10.7	2.3
L	I	M	I	T												EM 2000
7.8	9.9	10.9	13.7	14.5											8.4	2.3
2	5															EM 2000
7	12.6														10.1	5.5
U	N	L	E	S	S											EM 2000
6.9	8.8	10.7	12.3	13.9	15.7										10.2	1.8
O	T	H	E	R	W	I	S	E								EM 2000
4.7	6.4	8	10	11.6	13.2	15.4	16.2	18							14.6	1.8
P	O	S	T	E	D											EM 2000
7.1	8.7	10.6	12.3	13.9	15.5										9.9	1.8

PLAN — SURVEYED / PLOTTED / CHECKED / PLOTTED BY / CURRENT CHECKED / ALIGNMENT / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / DATE / BY

PROFILE — SURVEYED / PLOTTED / CHECKED / BM. NOTED / STRUCTURE NO/TATNS CHKD / NOTE BOOK / NO. / DATE / BY

FILE PATH = G:\CH12\2012\Road\Sheets\D160P95-SHT-SIGN-S1.dgn

TranSystems

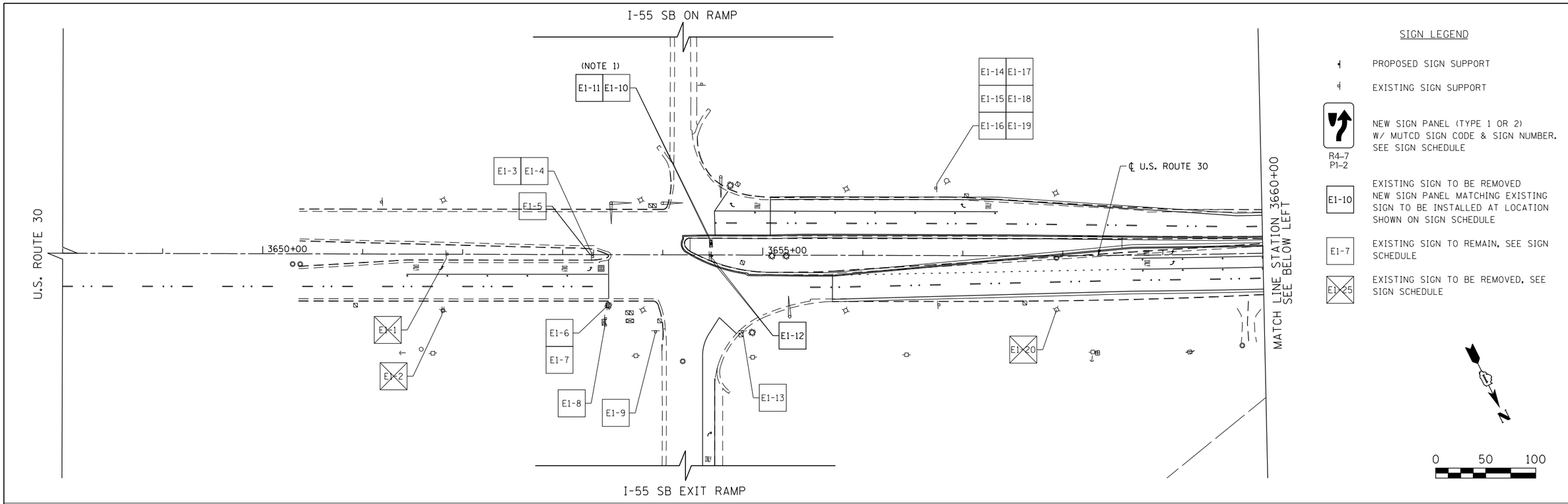
USER NAME = bshaefliger	DESIGNED - ACW	REVISED -
FILE = D160P95-SHT-SIGN-S1.dgn	DRAWN - ACW	REVISED -
PLOT SCALE = 1.2000 ' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

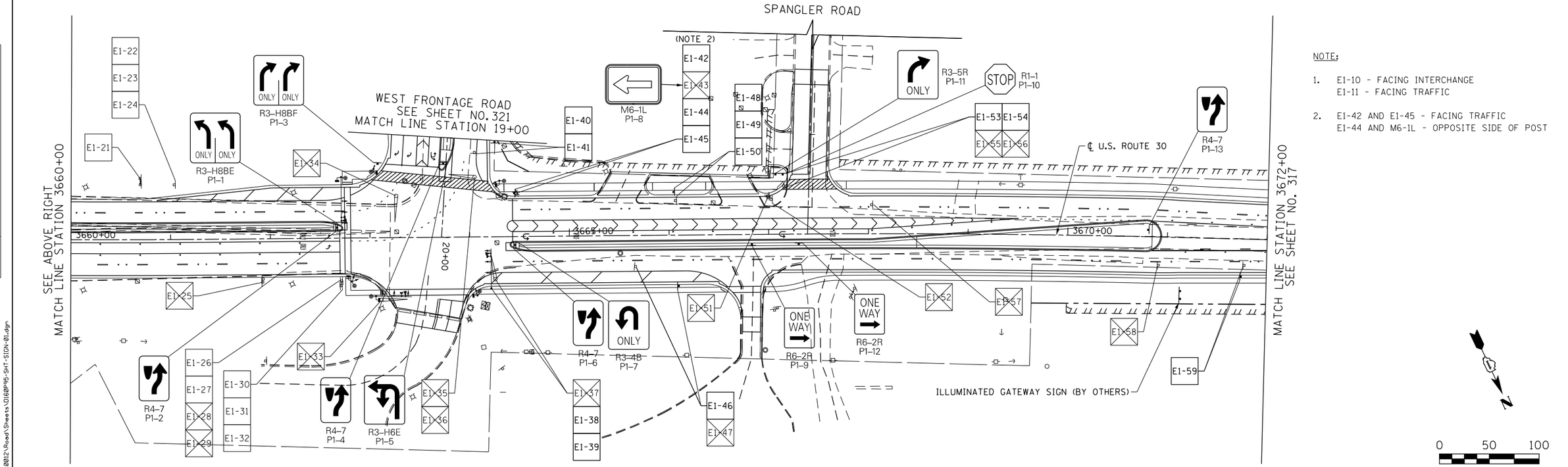
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN DETAILS

SCALE: N/A | SHEET NAME: SIGN-S14 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	315
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		





NOTE:

1. E1-10 - FACING INTERCHANGE
   E1-11 - FACING TRAFFIC
2. E1-42 AND E1-45 - FACING TRAFFIC
   E1-44 AND M6-1L - OPPOSITE SIDE OF POST

PLAN
SURVEYED
PLOTTED
PLOTTED CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
PLOTTED CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

FILE PATH = G:\CH12\2012\Road\Sheets\D160P95-SHT-SIGN-01.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-SIGN-01.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

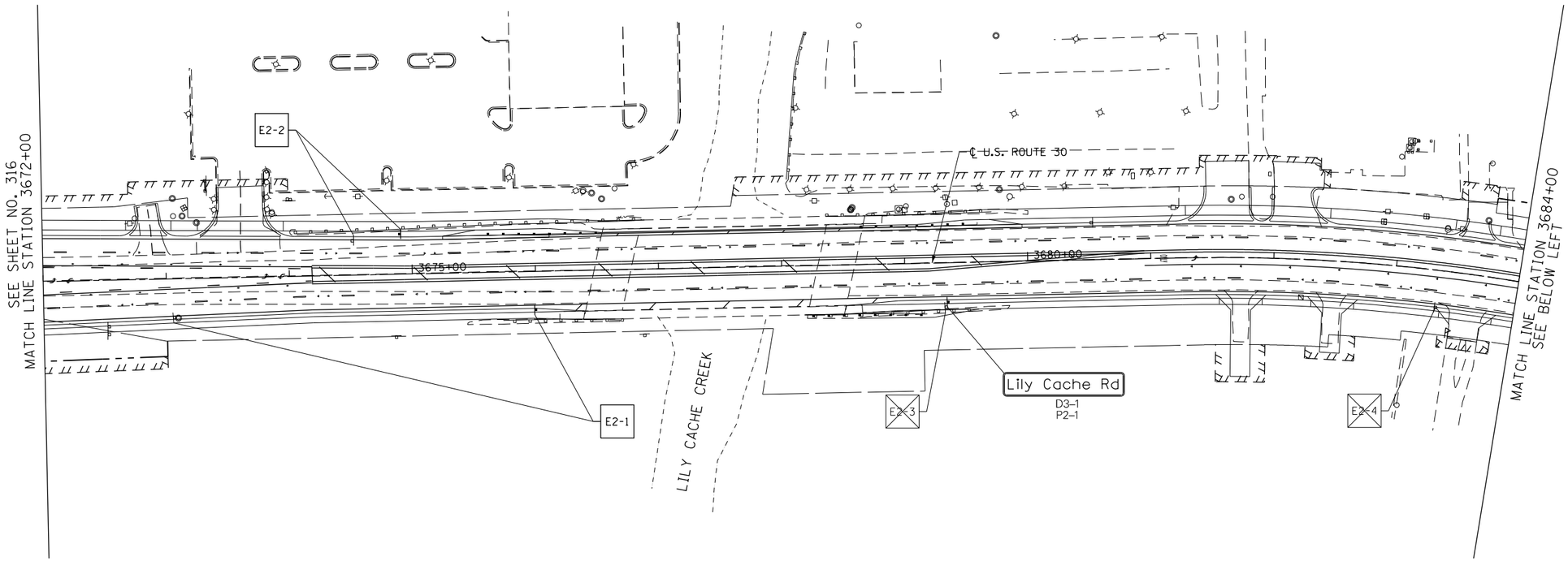
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 SIGNING PLAN

SCALE: 1" = 50' | SHEET NAME: SIGN-01 | STA. 3648+00 TO STA. 3672+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	316
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
NOTE BOOK	RT. OF WAY CHECKED		
NO.	CADD FILE NAME		



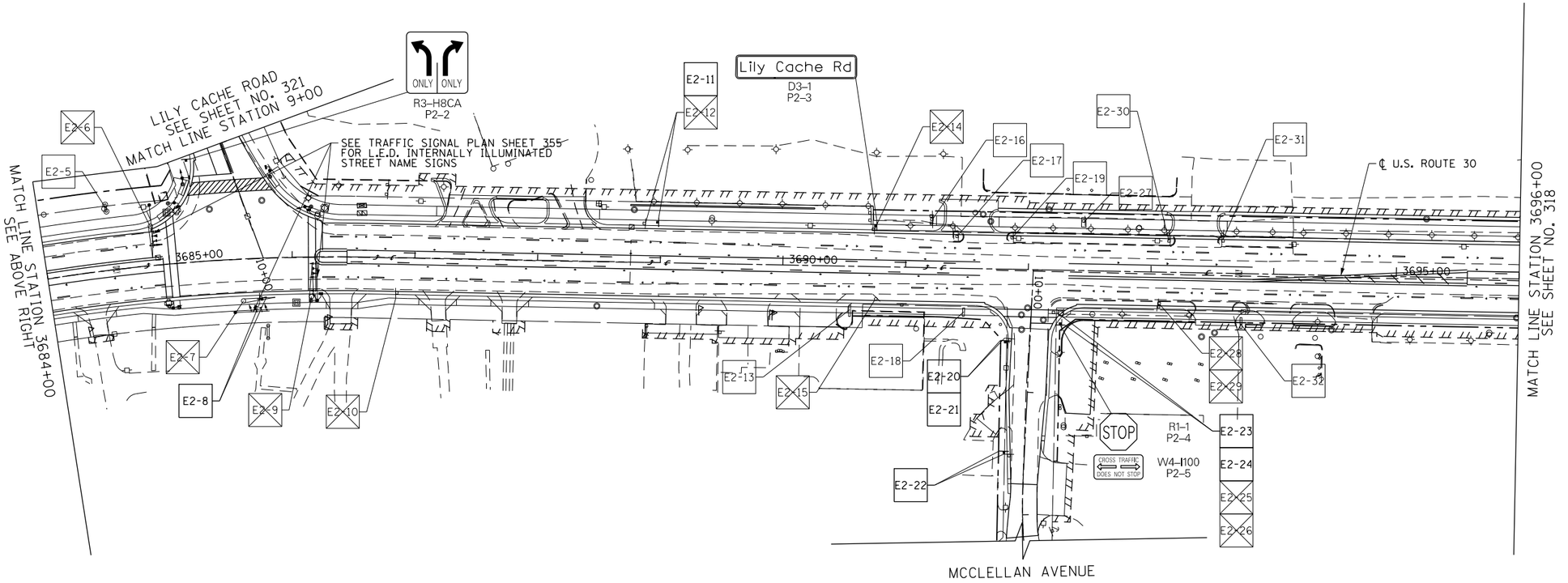
SIGN LEGEND

- PROPOSED SIGN SUPPORT
- EXISTING SIGN SUPPORT
- R4-7 P1-2 — NEW SIGN PANEL (TYPE 1 OR 2) W/ MUTCD SIGN CODE & SIGN NUMBER. SEE SIGN SCHEDULE
- E1-10 — EXISTING SIGN TO BE REMOVED NEW SIGN PANEL MATCHING EXISTING SIGN TO BE INSTALLED AT LOCATION SHOWN ON SIGN SCHEDULE
- E1-7 — EXISTING SIGN TO REMAIN, SEE SIGN SCHEDULE
- E1-25 — EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE

N

0 50 100

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CROSS SECTIONS CHECKED		
NOTE BOOK	B.M. NOTED		
NO.	STRUCTURE NOTATNS CHKD		



N

0 50 100

FILE PATH = G:\CH2\0012\Road\Sheets\D160P95-SHT-SIGN-02.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-SIGN-02.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 SIGNING PLAN

SCALE: 1" = 50' | SHEET NAME: SIGN-02 | STA. 3672+00 TO STA. 3696+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	317
		CONTRACT NO. 60P95		

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

SCALE: 1"=40'

SEE SHEET NO. 317
MATCH LINE STATION 3696+00

MATCH LINE STATION 3708+00
SEE BELOW LEFT

ADVERTISING SIGN TO REMAIN

ADVERTISING SIGN TO BE REMOVED (BY OTHERS)

℄ U.S. ROUTE 30

3700+00

3705+00

E3-1 E3-2 E3-3 E3-4 E3-5 E3-6 E3-7 E3-8 E3-9 E3-10 E3-11 E3-12 E3-13 E3-14 E3-15

R5-2
P3-1

SIGN LEGEND

- PROPOSED SIGN SUPPORT
- EXISTING SIGN SUPPORT
- R4-7 P1-2 — NEW SIGN PANEL (TYPE 1 OR 2) W/ MUTCD SIGN CODE & SIGN NUMBER. SEE SIGN SCHEDULE
- E1-10 — EXISTING SIGN TO BE REMOVED NEW SIGN PANEL MATCHING EXISTING SIGN TO BE INSTALLED AT LOCATION SHOWN ON SIGN SCHEDULE
- E1-7 — EXISTING SIGN TO REMAIN, SEE SIGN SCHEDULE
- E1-25 — EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE

0 50 100

SEE ABOVE RIGHT
MATCH LINE STATION 3708+00

MATCH LINE STATION 3720+00
SEE SHEET NO. 319

MATCH LINE STATION 22+00
SEE SHEET NO. 322
RENWICK ROAD

MATCH LINE STATION 18+00
SEE SHEET NO. 322
RENWICK ROAD

3710+00

3715+00

20+00

℄ U.S. ROUTE 30

E3-16 E3-17 E3-18 E3-19 E3-20 E3-21 E3-22 E3-23 E3-24 E3-25 E3-26 E3-27 E3-28 E3-29 E3-30 E3-31 E3-32 E3-33 E3-34 E3-35 E3-36 E3-37 E3-38 E3-39 E3-40 E3-41 E3-42 E3-43 E3-44 E3-45 E3-46

R4-7 P3-2 — R6-2R P3-5 — R3-H8BE P3-8 — R6-2R P3-7 — R6-2R P3-6 — R3-H8BE P3-11 — R4-7 P3-12 — R4-7 P3-13 — R3-5L P3-14 — R4-7 P3-15 — R4-7 P3-3 — R6-2R P3-4 — W11-2 P3-9 — W16-7PL P3-10

ONE WAY — ONLY

0 50 100

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK
NO.
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
CROSSES CHECKED
NOTE BOOK
NO.
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

FILE PATH = G:\CH2\0012\Road\Sheets\D160P95-SHT-SIGN-03.dgn

TranSystems

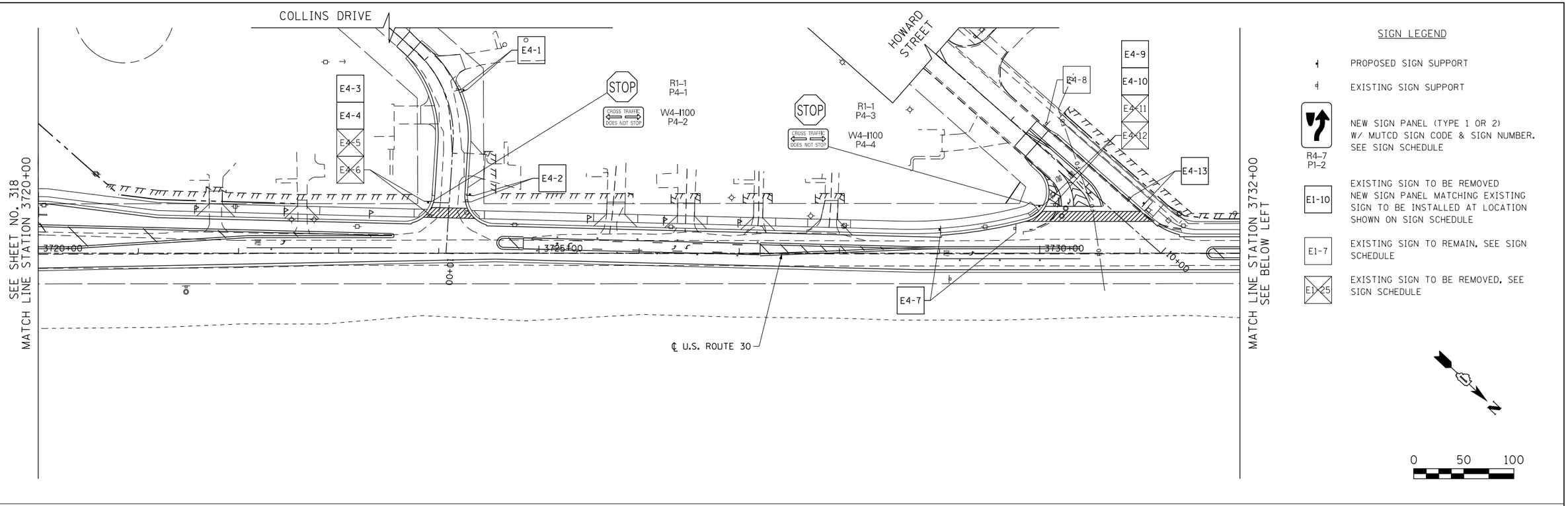
USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-SIGN-03.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

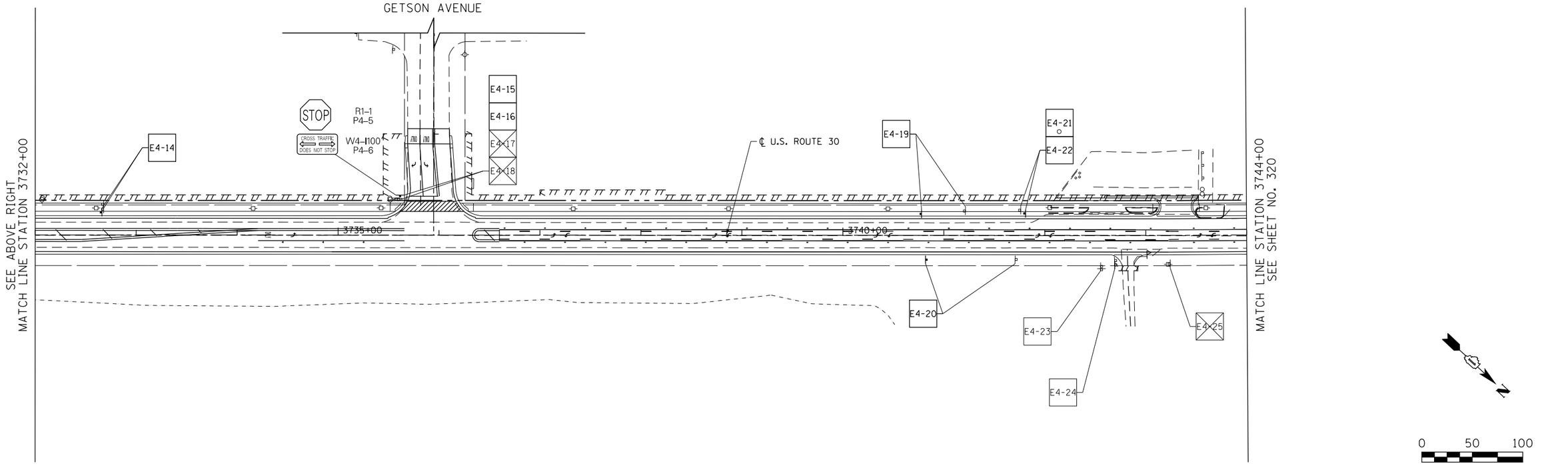
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 SIGNING PLAN

SCALE: 1" = 50' | SHEET NAME: SIGN-03 | STA. 3696+00 TO STA. 3720+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	318
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		





PLAN
SURVEYED BY
PLOTTED
QUANTITIES CHECKED
NOTE BOOK
RT. OF WAY CHECKED
NO. ____
CADD FILE NAME
DATE

PROFILE
SURVEYED BY
PLOTTED
QUANTITIES CHECKED
NOTE BOOK
B.M. NOTED
NO. ____
STRUCTURE NOTATNS CHKD
DATE

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-04.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-SIGN-04.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

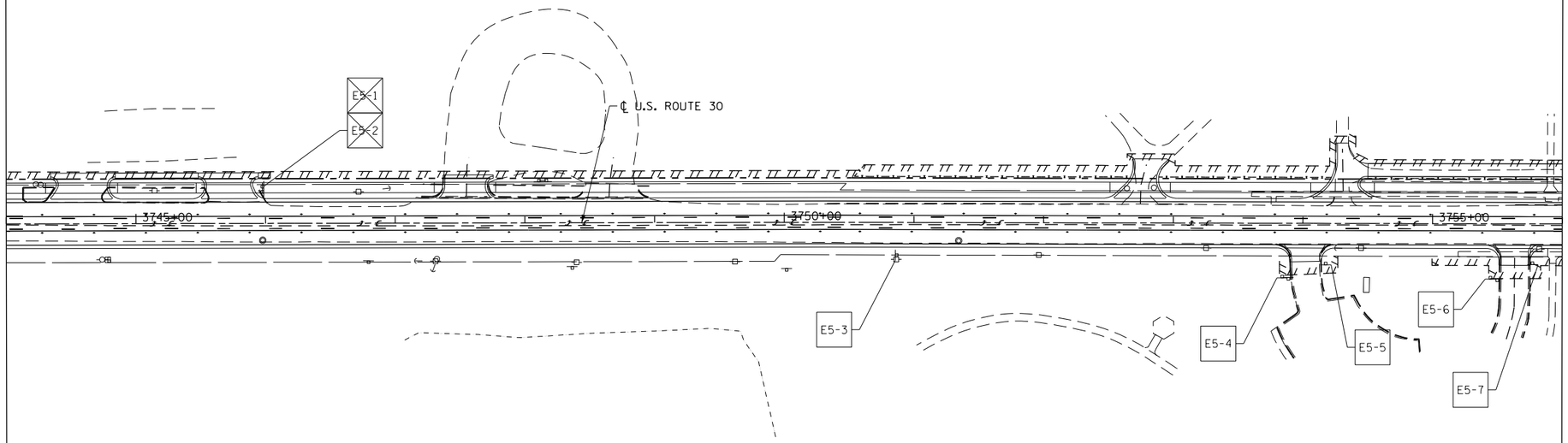
U.S. ROUTE 30 SIGNING PLAN

SCALE: 1" = 50' | SHEET NAME: SIGN-04 | STA. 3720+00 TO STA. 3744+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	319
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED BY
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK RT. OF WAY CHECKED
NO. CADD FILE NAME
DATE

SEE SHEET NO. 319
MATCH LINE STATION 3744+00.00



MATCH LINE STATION 3756+00.00
SEE BELOW LEFT

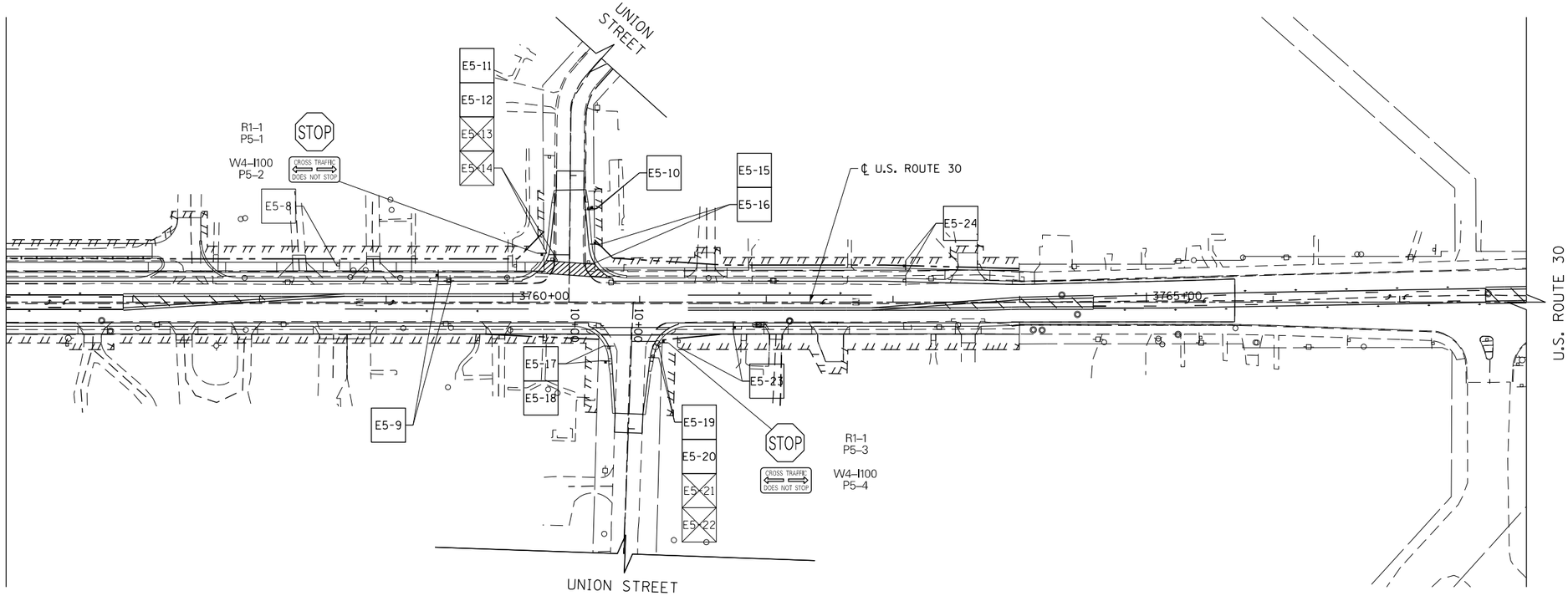
SIGN LEGEND

- PROPOSED SIGN SUPPORT
- EXISTING SIGN SUPPORT
- NEW SIGN PANEL (TYPE 1 OR 2) W/ MUTCD SIGN CODE & SIGN NUMBER. SEE SIGN SCHEDULE (R4-7 P1-2)
- E1-10 — EXISTING SIGN TO BE REMOVED NEW SIGN PANEL MATCHING EXISTING SIGN TO BE INSTALLED AT LOCATION SHOWN ON SIGN SCHEDULE
- E1-7 — EXISTING SIGN TO REMAIN, SEE SIGN SCHEDULE
- E1-25 — EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE

0 50 100

PROFILE
SURVEYED
PLOTTED
DRAWN CHECKED
NOTE BOOK B.M. NOTED
NO. STRUCTURE NOTATNS CHKD
BY
DATE

SEE ABOVE RIGHT
MATCH LINE STATION 3756+00.00



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FILE PATH = G:\CH12\2012\Road\Sheets\D160P95-SHT-SIGN-05.dgn

TranSystems

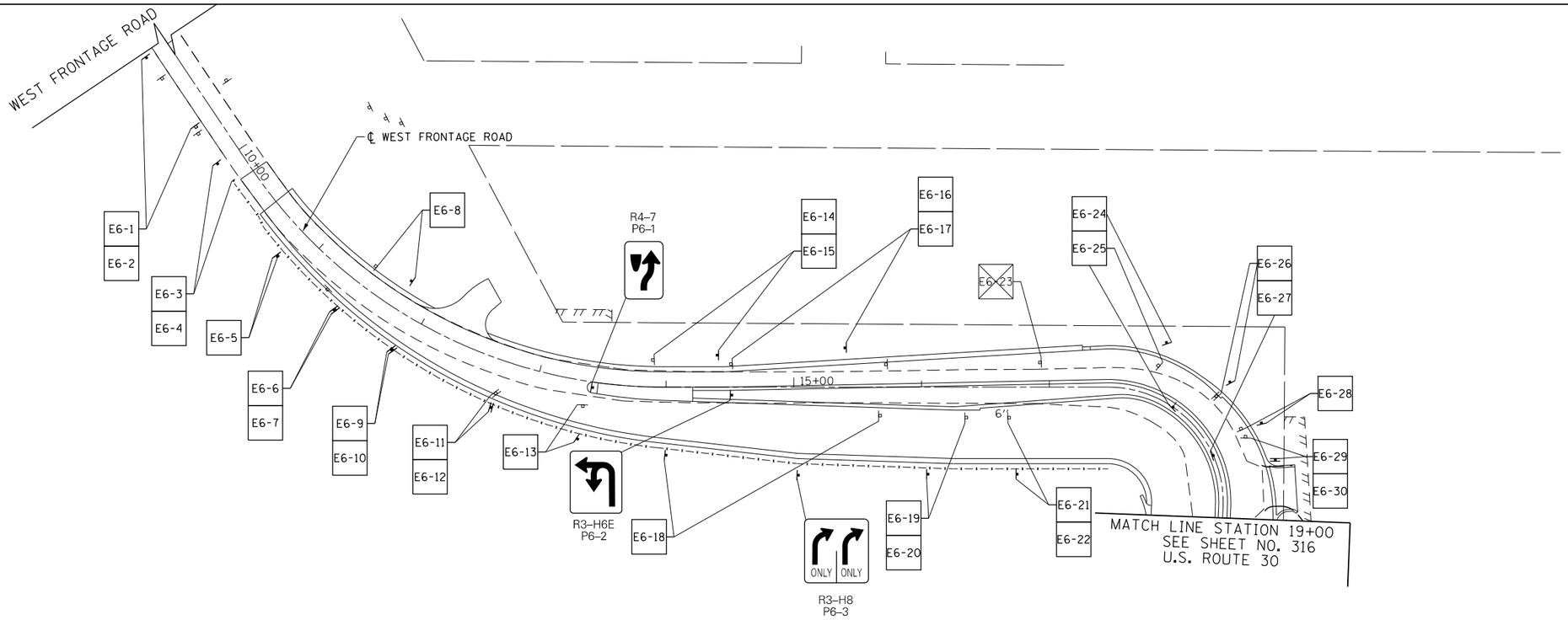
USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-SIGN-05.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 SIGNING PLAN

SCALE: 1" = 50' | SHEET NAME: SIGN-05 | STA. 3744+00 TO STA. 3763+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	320
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



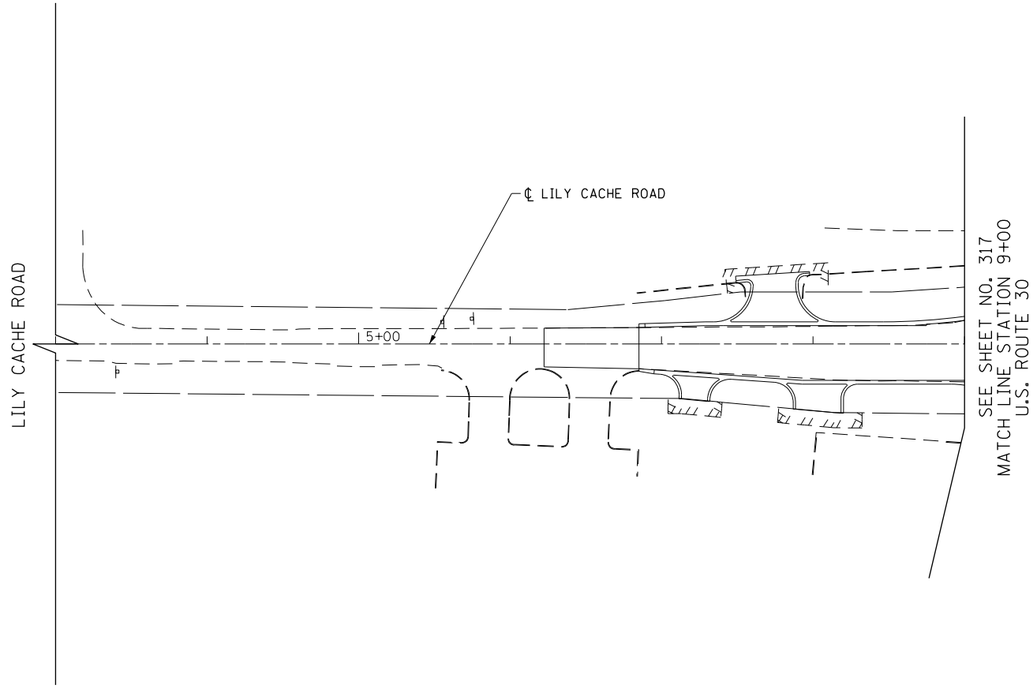
SIGN LEGEND

- PROPOSED SIGN SUPPORT
- EXISTING SIGN SUPPORT
- R4-7 P1-2 — NEW SIGN PANEL (TYPE 1 OR 2) W/ MUTCD SIGN CODE & SIGN NUMBER. SEE SIGN SCHEDULE
- E1-10 — EXISTING SIGN TO BE REMOVED NEW SIGN PANEL MATCHING EXISTING SIGN TO BE INSTALLED AT LOCATION SHOWN ON SIGN SCHEDULE
- E1-7 — EXISTING SIGN TO REMAIN, SEE SIGN SCHEDULE
- E1-25 — EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE

N

0 50 100

PLAN
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO. ____
BY
DATE



N

0 50 100

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO. ____
BY
DATE
B.M. NOTED
STRUCTURE NOTATNS CHKD

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-SIGN-06.dgn

TranSystems

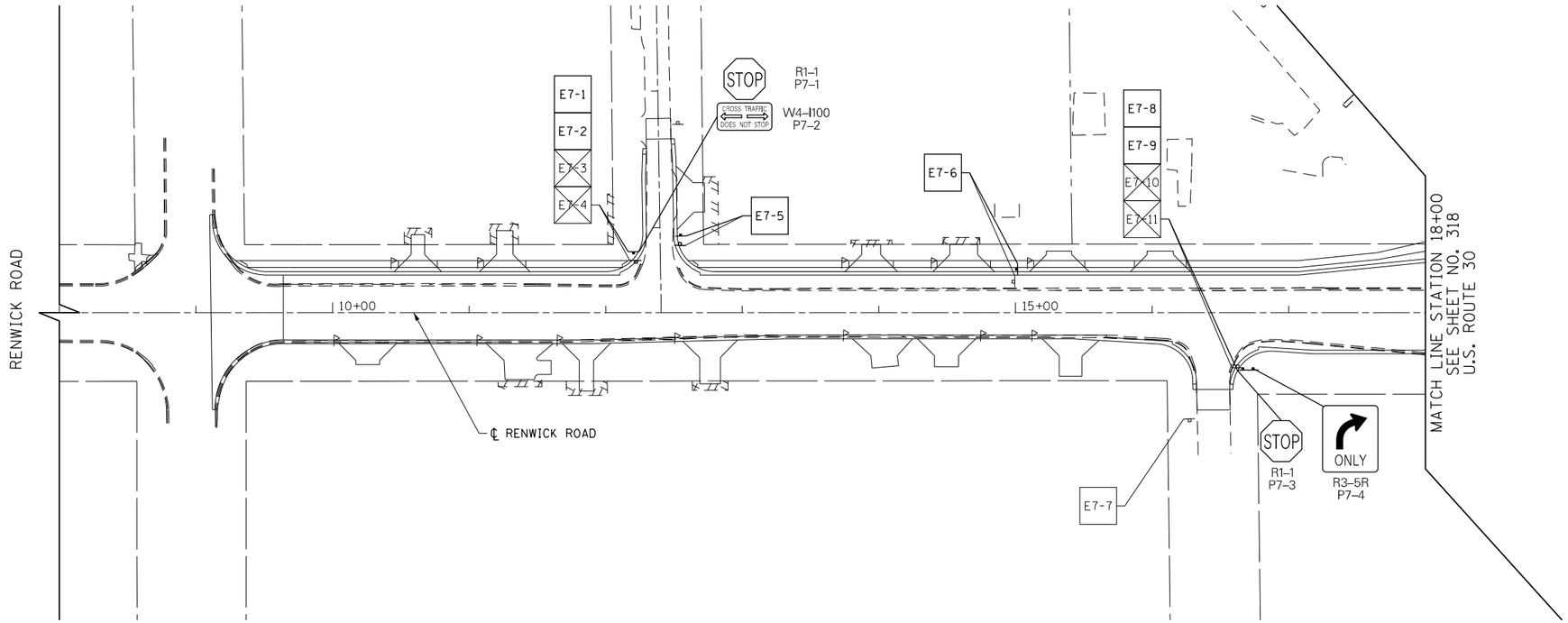
USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-SIGN-06.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST FRONTAGE ROAD AND LILY CACHE ROAD
SIGNING PLAN

SCALE: 1" = 50' | SHEET NAME: SIGN-06 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	321
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

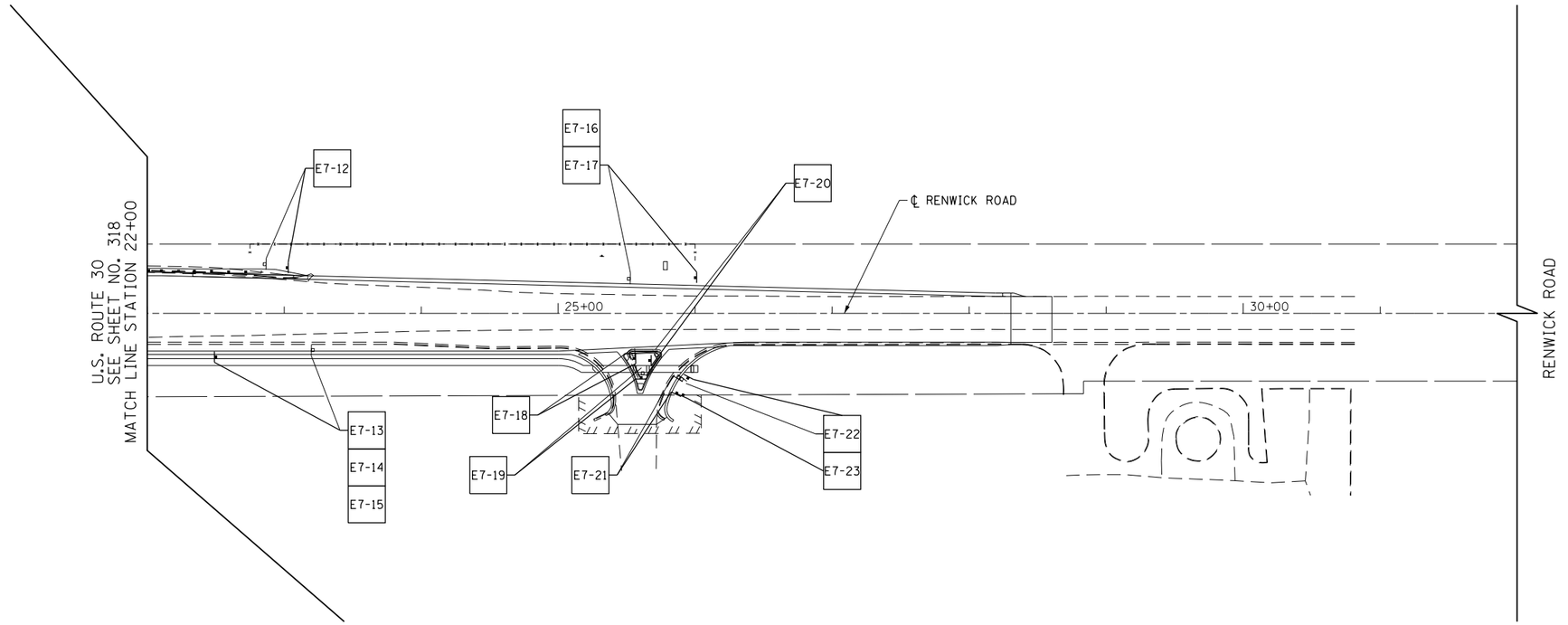


SIGN LEGEND

- PROPOSED SIGN SUPPORT
- EXISTING SIGN SUPPORT
- R4-7 P1-2 — NEW SIGN PANEL (TYPE 1 OR 2) W/ MUTCD SIGN CODE & SIGN NUMBER. SEE SIGN SCHEDULE
- E1-10 — EXISTING SIGN TO BE REMOVED NEW SIGN PANEL MATCHING EXISTING SIGN TO BE INSTALLED AT LOCATION SHOWN ON SIGN SCHEDULE
- E1-7 — EXISTING SIGN TO REMAIN, SEE SIGN SCHEDULE
- E1-25 — EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE

N

0 50 100



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PLAN: SURVEYED; PLOTTED; DRAWN; CHECKED; NOTE BOOK; NO. ____; BY; DATE

PROFILE: SURVEYED; PLOTTED; DRAWN; CHECKED; B.M. NOTED; STRUCTURE NOTATNS CHKD; NOTE BOOK; NO. ____; BY; DATE

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TranSystems

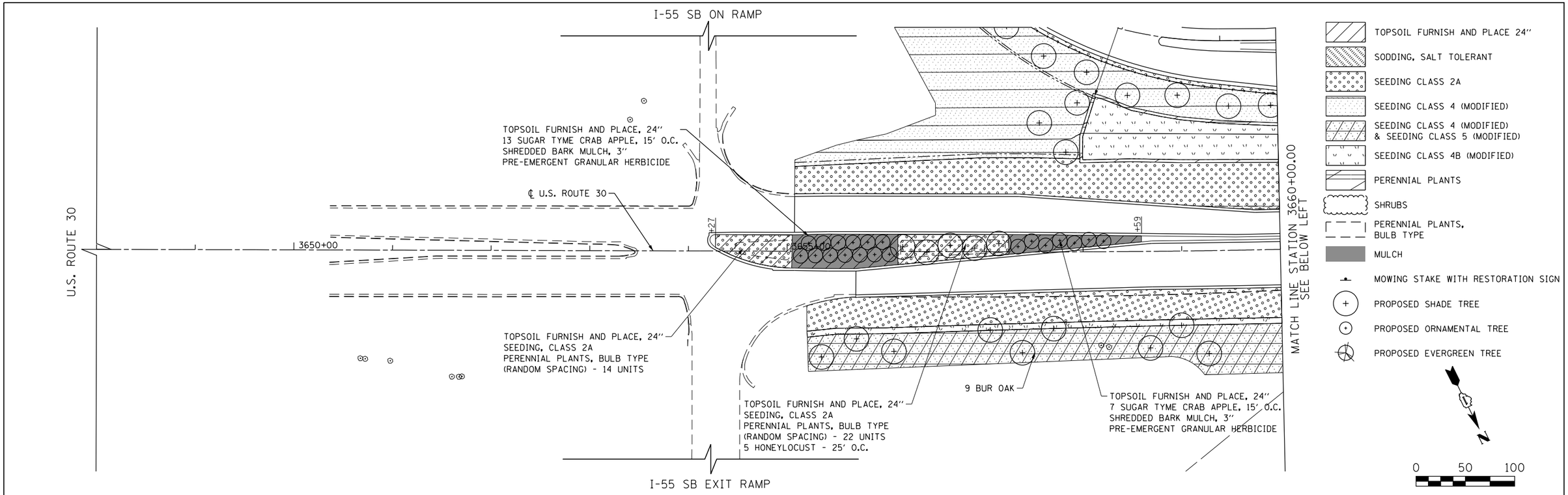
USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-SIGN-07.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

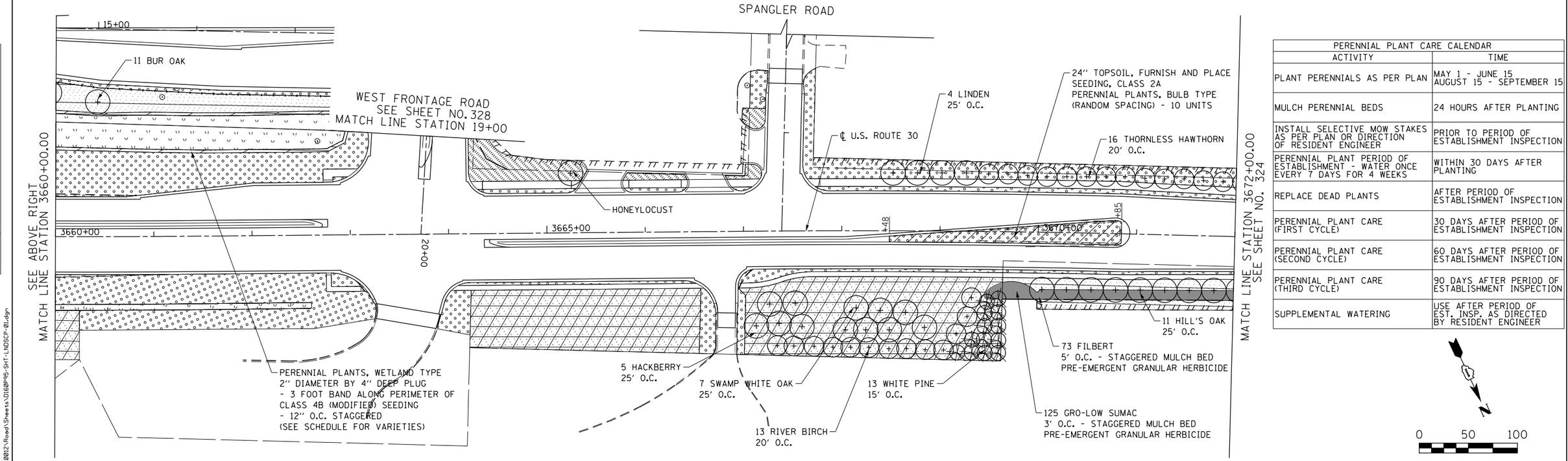
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RENWICK ROAD SIGNING PLAN

SCALE: 1" = 50' | SHEET NAME: SIGN-07 | STA. 8+00 TO STA. 32+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	322
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		





PERENNIAL PLANT CARE CALENDAR	
ACTIVITY	TIME
PLANT PERENNIALS AS PER PLAN	MAY 1 - JUNE 15 AUGUST 15 - SEPTEMBER 15
MULCH PERENNIAL BEDS	24 HOURS AFTER PLANTING
INSTALL SELECTIVE MOW STAKES AS PER PLAN OR DIRECTION OF RESIDENT ENGINEER	PRIOR TO PERIOD OF ESTABLISHMENT INSPECTION
PERENNIAL PLANT PERIOD OF ESTABLISHMENT - WATER ONCE EVERY 7 DAYS FOR 4 WEEKS	WITHIN 30 DAYS AFTER PLANTING
REPLACE DEAD PLANTS	AFTER PERIOD OF ESTABLISHMENT INSPECTION
PERENNIAL PLANT CARE (FIRST CYCLE)	30 DAYS AFTER PERIOD OF ESTABLISHMENT INSPECTION
PERENNIAL PLANT CARE (SECOND CYCLE)	60 DAYS AFTER PERIOD OF ESTABLISHMENT INSPECTION
PERENNIAL PLANT CARE (THIRD CYCLE)	90 DAYS AFTER PERIOD OF ESTABLISHMENT INSPECTION
SUPPLEMENTAL WATERING	USE AFTER PERIOD OF EST. INSP. AS DIRECTED BY RESIDENT ENGINEER

PLAN: SURVEYED | PLOTTED | DESIGNED | QUANTITIES CHECKED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | C400 FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE: SURVEYED | PLOTTED | DESIGNED | QUANTITIES CHECKED | BAR. NOTED | STRUCTURE NO | TAINS CHKD | NOTE BOOK | NO. | BY | DATE

FILE PATH = G:\CH12\2012\Road\Sheets\D160P95-SHT-LNDSCP-01.dgn

TranSystems

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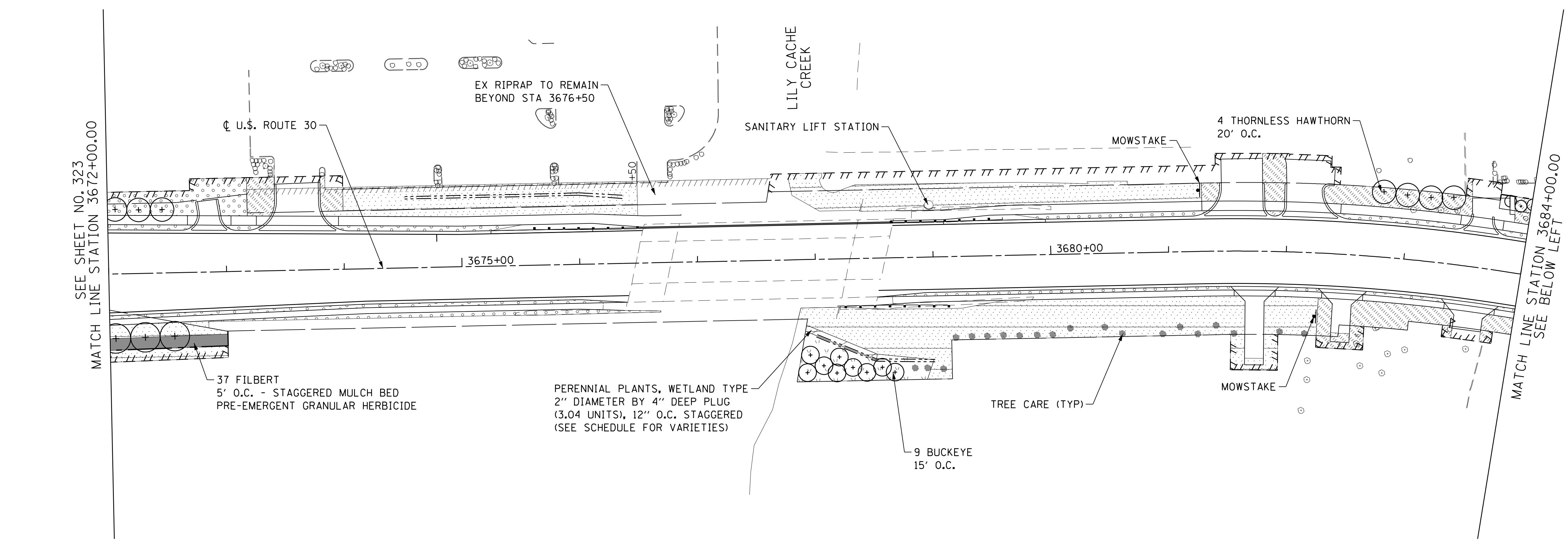
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30
LANDSCAPING PLANS

SCALE: 1"=50' | SHEET NAME: LNDSCP-01 | STA. 3648+00 TO STA. 3672+00

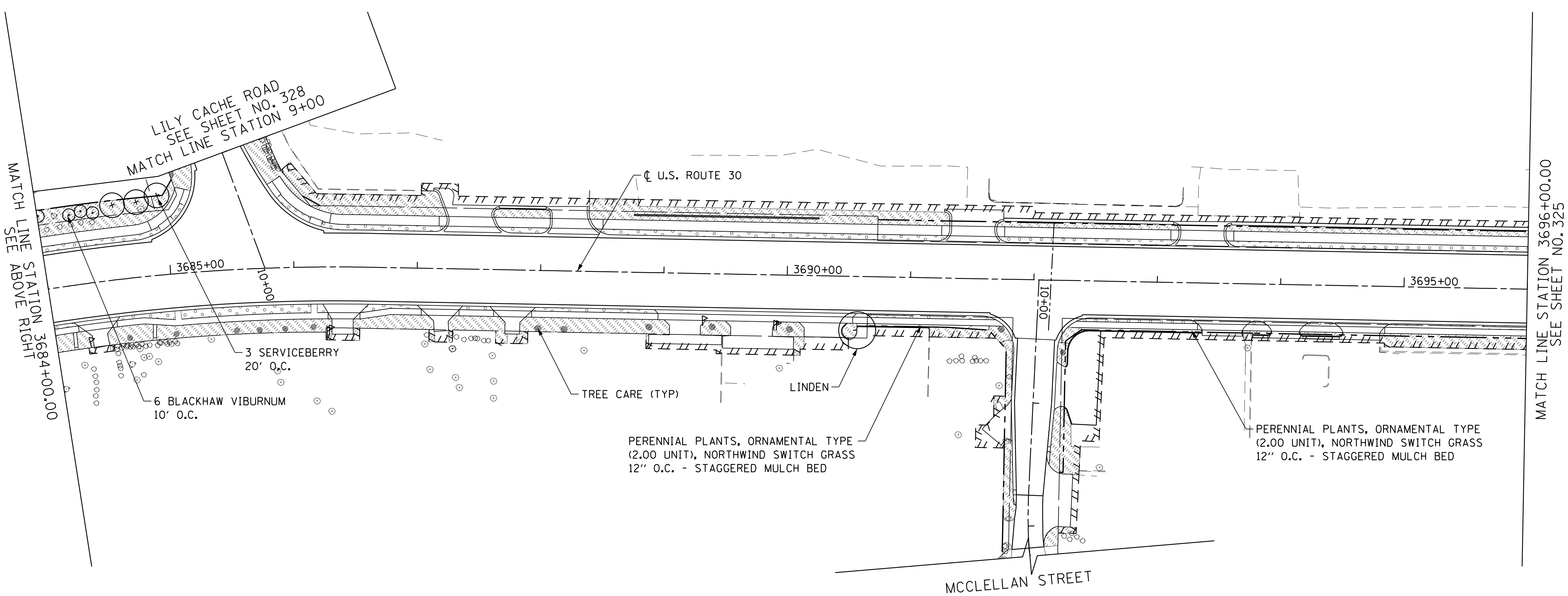
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	323
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



- TOPSOIL FURNISH AND PLACE 24"
- SODDING, SALT TOLERANT
- SEEDING CLASS 2A
- SEEDING CLASS 4 (MODIFIED)
- SEEDING CLASS 4 (MODIFIED) & SEEDING CLASS 5 (MODIFIED)
- SEEDING CLASS 4B (MODIFIED)
- PERENNIAL PLANTS
- SHRUBS
- PERENNIAL PLANTS, BULB TYPE
- MULCH
- MOWING STAKE WITH RESTORATION SIGN
- PROPOSED SHADE TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED EVERGREEN TREE

N

0 50 100



PERENNIAL PLANT CARE CALENDAR

ACTIVITY	TIME
PLANT PERENNIALS AS PER PLAN	MAY 1 - JUNE 15 AUGUST 15 - SEPTEMBER 15
MULCH PERENNIAL BEDS	24 HOURS AFTER PLANTING
INSTALL SELECTIVE MOW STAKES AS PER PLAN OR DIRECTION OF RESIDENT ENGINEER	PRIOR TO PERIOD OF ESTABLISHMENT INSPECTION
PERENNIAL PLANT PERIOD OF ESTABLISHMENT - WATER ONCE EVERY 7 DAYS FOR 4 WEEKS	WITHIN 30 DAYS AFTER PLANTING
REPLACE DEAD PLANTS	AFTER PERIOD OF ESTABLISHMENT INSPECTION
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PERENNIAL PLANT CARE (THIRD CYCLE)	90 DAYS AFTER PERIOD OF ESTABLISHMENT INSPECTION
SUPPLEMENTAL WATERING	USE AFTER PERIOD OF EST. INSP. AS DIRECTED BY RESIDENT ENGINEER

N

0 50 100

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/W OF WAY CHECKED, CADD FILE NAME; NOTE BOOK, NO.; BY; DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD; NOTE BOOK, NO.; BY; DATE

FILE PATH = G:\CHI2\2012\Road\Sheets\D160P95-SHT-LNDSCP-02.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-LNDSCP-02.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30
LANDSCAPING PLANS

SCALE: 1"=50' | SHEET NAME: LNDSCP-02 | STA. 3672+00 TO STA. 3696+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	324

CONTRACT NO. 60P95

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

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NOTE BOOK
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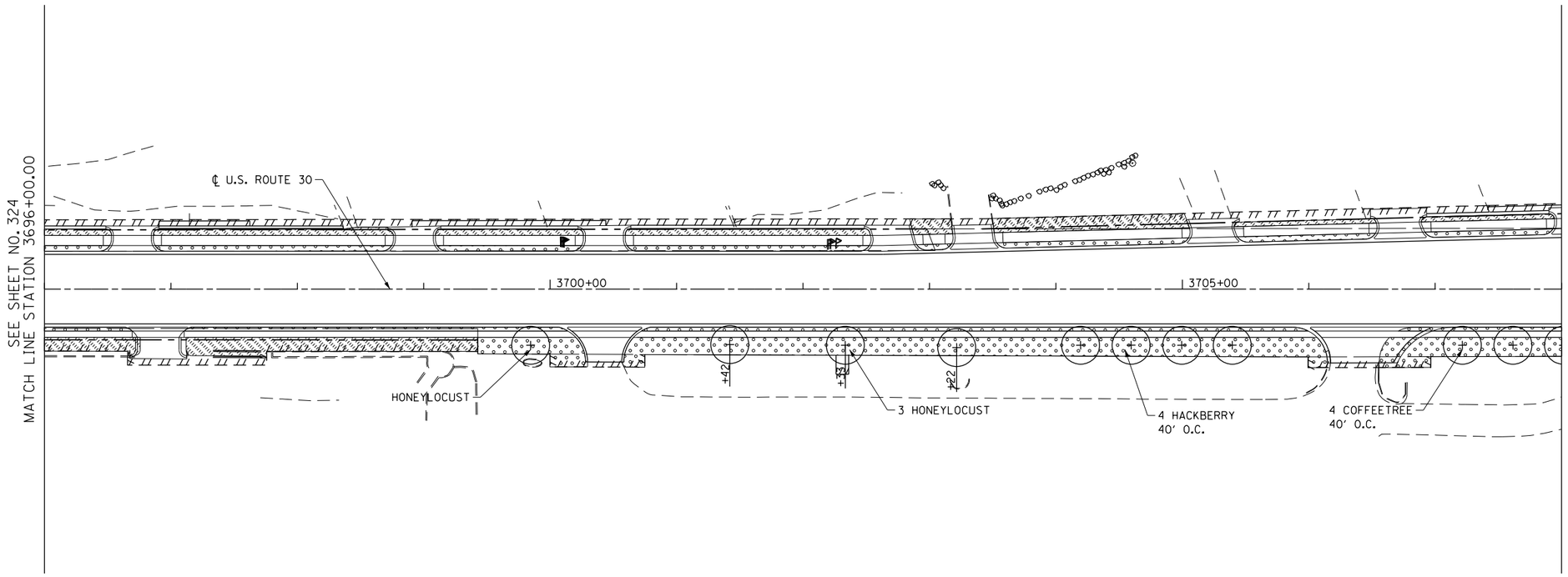
DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME



TOPSOIL FURNISH AND PLACE 24''
SODDING, SALT TOLERANT
SEEDING CLASS 2A
SEEDING CLASS 4 (MODIFIED)
SEEDING CLASS 4 (MODIFIED) & SEEDING CLASS 5 (MODIFIED)
SEEDING CLASS 4B (MODIFIED)
PERENNIAL PLANTS
SHRUBS
PERENNIAL PLANTS, BULB TYPE
MULCH
MOWING STAKE WITH RESTORATION SIGN
PROPOSED SHADE TREE
PROPOSED ORNAMENTAL TREE
PROPOSED EVERGREEN TREE

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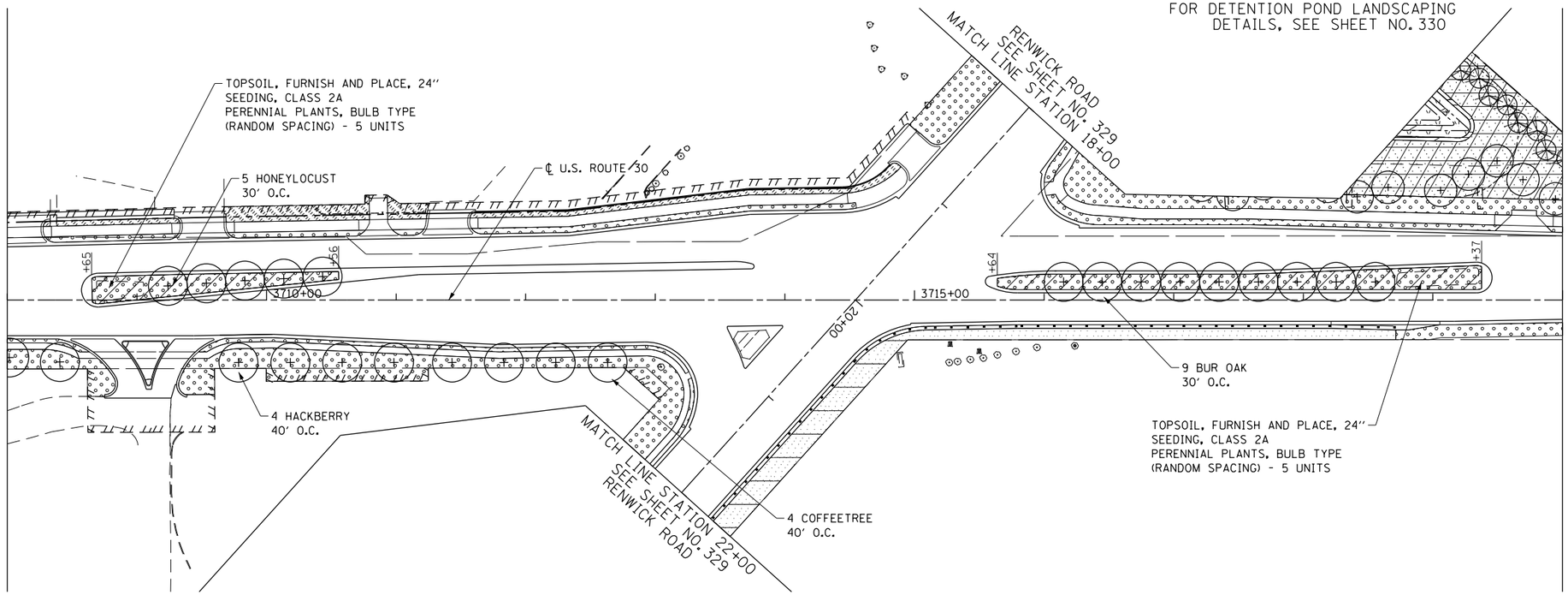

PERENNIAL PLANT CARE CALENDAR	
ACTIVITY	TIME
PLANT PERENNIALS AS PER PLAN	MAY 1 - JUNE 15 AUGUST 15 - SEPTEMBER 15
MULCH PERENNIAL BEDS	24 HOURS AFTER PLANTING
INSTALL SELECTIVE MOW STAKES AS PER PLAN OR DIRECTION OF RESIDENT ENGINEER	PRIOR TO PERIOD OF ESTABLISHMENT INSPECTION
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PERENNIAL PLANT CARE (THIRD CYCLE)	90 DAYS AFTER PERIOD OF ESTABLISHMENT INSPECTION
SUPPLEMENTAL WATERING	USE AFTER PERIOD OF EST. INSP. AS DIRECTED BY RESIDENT ENGINEER

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TranSystems

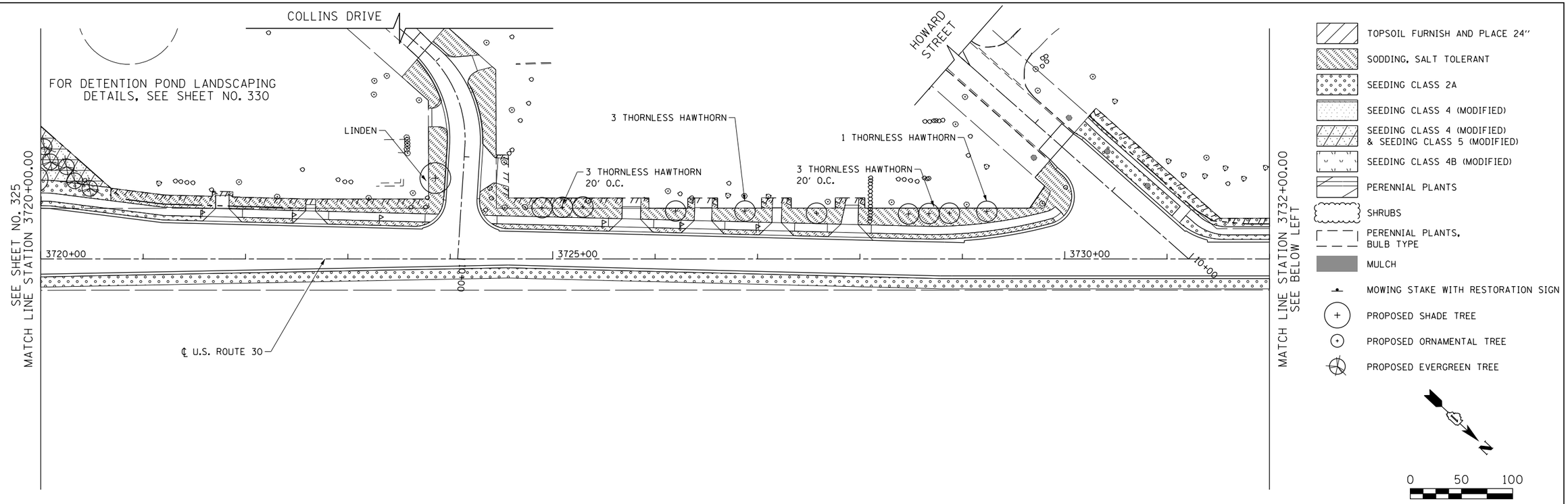
USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-LNDSCP-03.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30
LANDSCAPING PLANS

SCALE: 1''=50' | SHEET NAME: LNDSCP-03 | STA. 3696+00 TO STA. 3720+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	325
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



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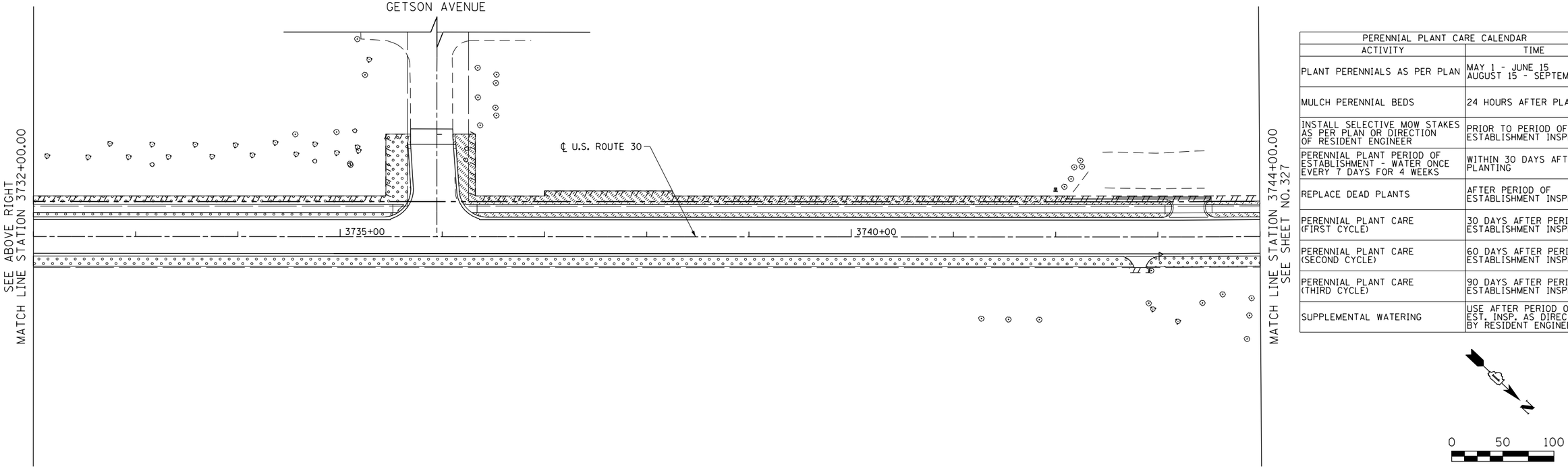

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NOTE BOOK
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CHECKED
BM. NOTED
STRUCTURE NO
TAINS CHKD

PERENNIAL PLANT CARE CALENDAR	
ACTIVITY	TIME
PLANT PERENNIALS AS PER PLAN	MAY 1 - JUNE 15 AUGUST 15 - SEPTEMBER 15
MULCH PERENNIAL BEDS	24 HOURS AFTER PLANTING
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PERENNIAL PLANT PERIOD OF ESTABLISHMENT - WATER ONCE EVERY 7 DAYS FOR 4 WEEKS	WITHIN 30 DAYS AFTER PLANTING
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SUPPLEMENTAL WATERING	USE AFTER PERIOD OF EST. INSP. AS DIRECTED BY RESIDENT ENGINEER

FILE PATH = G:\CH2\0012\Road\Sheets\D160P95-SHT-LNDSCP-04.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-LNDSCP-04.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30
LANDSCAPING PLANS

SCALE: 1''=50' | SHEET NAME: LNDSCP-04 | STA. 3720+00 TO STA. 3744+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	326
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

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CHECKED
NOTE BOOK
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BY
DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME

SEE SHEET NO. 326
MATCH LINE STATION 3744+00.00

℄ U.S. ROUTE 30

PERENNIAL PLANTS, ORNAMENTAL TYPE
(5.8 UNITS) - DAYLILY MIX
12" O.C. STAGGERED (1.5' WIDTH)
MULCH ENTIRE BED

3745+00 | 3750+00 | 3755+00

MATCH LINE STATION 3756+00.00
SEE BELOW LEFT

- TOPSOIL FURNISH AND PLACE 24"
- SODDING, SALT TOLERANT
- SEEDING CLASS 2A
- SEEDING CLASS 4 (MODIFIED)
- SEEDING CLASS 4 (MODIFIED) & SEEDING CLASS 5 (MODIFIED)
- SEEDING CLASS 4B (MODIFIED)
- PERENNIAL PLANTS
- SHRUBS
- PERENNIAL PLANTS, BULB TYPE
- MULCH
- MOWING STAKE WITH RESTORATION SIGN
- PROPOSED SHADE TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED EVERGREEN TREE

N

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PROFILE
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STRUCTURE NOTATNS CHKD

SEE ABOVE RIGHT
MATCH LINE STATION 3756+00.00

UNION STREET

PERENNIAL PLANTS, ORNAMENTAL TYPE
(5.2 UNITS) - DAYLILY MIX
12" O.C. STAGGERED (1.5' WIDTH)
MULCH ENTIRE BED

3 CRIMSON SPIRE OAK
20' O.C.

SERVICEBERRY

3 CRIMSON SPIRE OAK
15' O.C.

3760+00 | 3765+00

10+00 | 10+00

℄ U.S. ROUTE 30

U.S. ROUTE 30

UNION STREET

PERENNIAL PLANT CARE CALENDAR	
ACTIVITY	TIME
PLANT PERENNIALS AS PER PLAN	MAY 1 - JUNE 15 AUGUST 15 - SEPTEMBER 15
MULCH PERENNIAL BEDS	24 HOURS AFTER PLANTING
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SUPPLEMENTAL WATERING	USE AFTER PERIOD OF EST. INSP. AS DIRECTED BY RESIDENT ENGINEER

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FILE PATH = G:\CH2M2012\Road\Sheets\D160P95-SHT-LNDSCP-05.dgn

TranSystems

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FILE = D160P95-SHT-LNDSCP-05.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30
LANDSCAPING PLANS

SCALE: 1"=50' | SHEET NAME: LNDSCP-05 | STA. 3744+00 TO STA. 3763+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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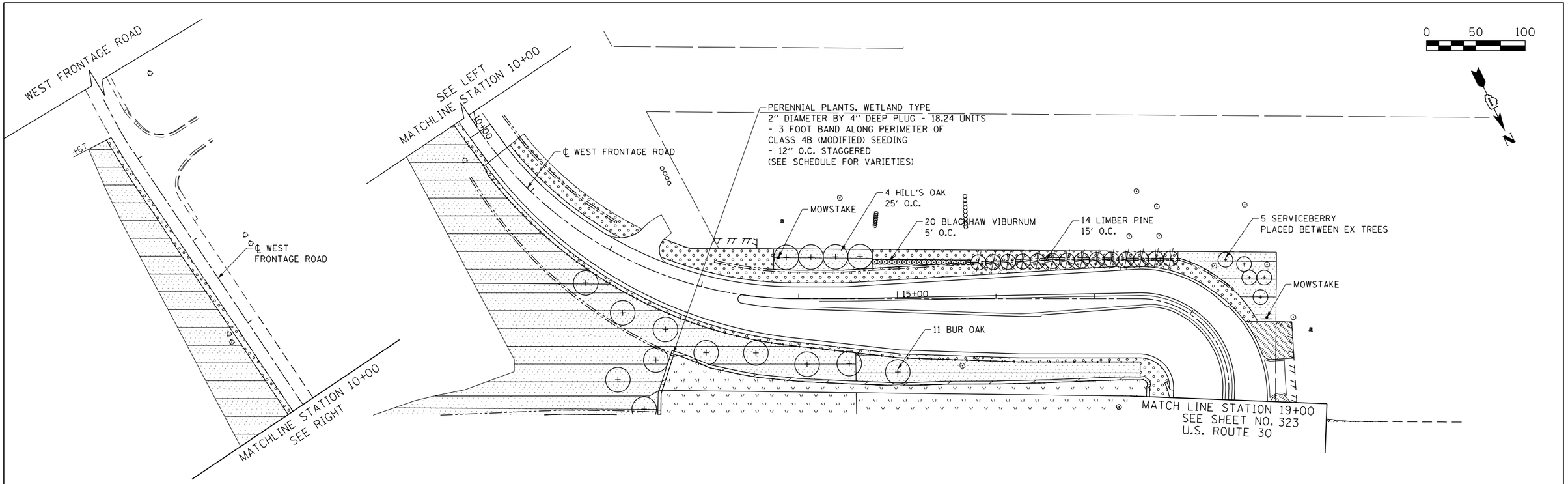
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



PERENNIAL PLANT CARE CALENDAR	
ACTIVITY	TIME
PLANT PERENNIALS AS PER PLAN	MAY 1 - JUNE 15 AUGUST 15 - SEPTEMBER 15
MULCH PERENNIAL BEDS	24 HOURS AFTER PLANTING
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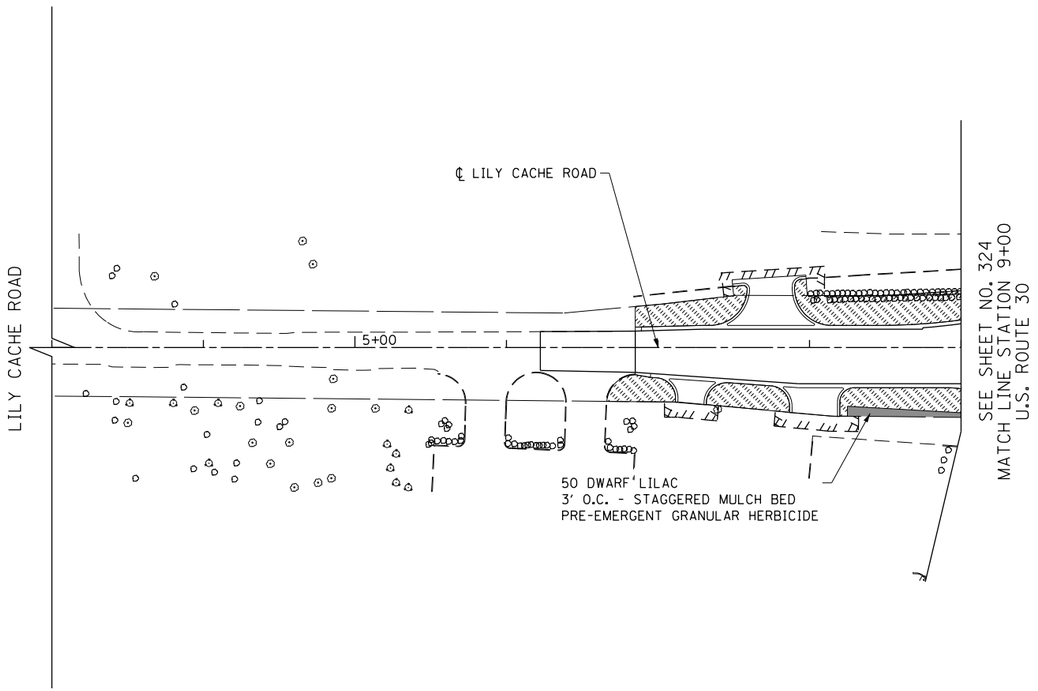

- TOPSOIL FURNISH AND PLACE 24"
- SODDING, SALT TOLERANT
- SEEDING CLASS 2A
- SEEDING CLASS 4 (MODIFIED)
- SEEDING CLASS 4 (MODIFIED) & SEEDING CLASS 5 (MODIFIED)
- SEEDING CLASS 4B (MODIFIED)
- PERENNIAL PLANTS
- SHRUBS
- PERENNIAL PLANTS, BULB TYPE
- MULCH
- MOWING STAKE WITH RESTORATION SIGN
- PROPOSED SHADE TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED EVERGREEN TREE

N

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PLAN
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ALIGNMENT CHECKED
RT. OF WAY CHECKED
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NOTE BOOK
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BY
DATE

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NOTE BOOK
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BY
DATE

FILE PATH = G:\CH12\0012\Road\Sheets\D160P95-SHT-LNDSCP-06.dgn

TranSystems

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FILE = D160P95-SHT-LNDSCP-06.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST FRONTAGE ROAD AND LILY CACHE ROAD
LANDSCAPING PLANS

SCALE: 1"=50' | SHEET NAME: LNDSCP-06 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	328
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

FOR DETENTION POND LANDSCAPING DETAILS, SEE SHEET NO. 330

S HOWARD ST

S COLLINS DR

RENWICK ROAD

LINDEN

WHITE PINE

10+00

15+00

℄ RENWICK ROAD

APPROXIMATE LOCATION OF ILLUMINATED GATEWAY SIGN/ENTRY MONUMENT (BY OTHERS)

PEERLESS DR.

MATCH LINE STATION 18+00
SEE SHEET NO. 325
U.S. ROUTE 30

TOPSOIL FURNISH AND PLACE 24''

SODDING, SALT TOLERANT

SEEDING CLASS 2A

SEEDING CLASS 4 (MODIFIED)

SEEDING CLASS 4 (MODIFIED) & SEEDING CLASS 5 (MODIFIED)

SEEDING CLASS 4B (MODIFIED)

PERENNIAL PLANTS

SHRUBS

PERENNIAL PLANTS, BULB TYPE

MULCH

MOWING STAKE WITH RESTORATION SIGN

PROPOSED SHADE TREE

PROPOSED ORNAMENTAL TREE

PROPOSED EVERGREEN TREE

N

0 50 100

PLAN
SURVEYED
PLOTTED
PROFILES CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
C400 FILE NAME
NOTE BOOK
NO.
BY
DATE

U.S. ROUTE 30
SEE SHEET NO. 325
MATCH LINE STATION 22+00

PERENNIAL PLANTS, WETLAND TYPE
2'' DIAMETER BY 4'' PLUG (8.36 UNITS)
12'' O.C. - STAGGERED (250'X 3')
(SEE SCHEDULE FOR VARIETIES)

25+00

30+00

℄ RENWICK ROAD

RENWICK ROAD

PERENNIAL PLANT CARE CALENDAR	
ACTIVITY	TIME
PLANT PERENNIALS AS PER PLAN	MAY 1 - JUNE 15 AUGUST 15 - SEPTEMBER 15
MULCH PERENNIAL BEDS	24 HOURS AFTER PLANTING
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SUPPLEMENTAL WATERING	USE AFTER PERIOD OF EST. INSP. AS DIRECTED BY RESIDENT ENGINEER

N

0 50 100

PROFILE
SURVEYED
PLOTTED
PROFILES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

FILE PATH = G:\CH2\0012\Road\Sheets\D160P95-SHT-LNDSCP-07.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-LNDSCP-07.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RENWICK ROAD
LANDSCAPING PLANS

SCALE: 1''=50' | SHEET NAME: LNDSCP-07 | STA. 8+00 TO STA. 32+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	329
		CONTRACT NO. 60P95		

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

PERENNIAL PLANT CARE CALENDAR	
ACTIVITY	TIME
PLANT PERENNIALS AS PER PLAN	MAY 1 - JUNE 15 AUGUST 15 - SEPTEMBER 15
MULCH PERENNIAL BEDS	24 HOURS AFTER PLANTING
INSTALL SELECTIVE MOW STAKES AS PER PLAN OR DIRECTION OF RESIDENT ENGINEER	PRIOR TO PERIOD OF ESTABLISHMENT INSPECTION
PERENNIAL PLANT PERIOD OF ESTABLISHMENT - WATER ONCE EVERY 7 DAYS FOR 4 WEEKS	WITHIN 30 DAYS AFTER PLANTING
REPLACE DEAD PLANTS	AFTER PERIOD OF ESTABLISHMENT INSPECTION
PERENNIAL PLANT CARE (FIRST CYCLE)	30 DAYS AFTER PERIOD OF ESTABLISHMENT INSPECTION
PERENNIAL PLANT CARE (SECOND CYCLE)	60 DAYS AFTER PERIOD OF ESTABLISHMENT INSPECTION
PERENNIAL PLANT CARE (THIRD CYCLE)	90 DAYS AFTER PERIOD OF ESTABLISHMENT INSPECTION
SUPPLEMENTAL WATERING	USE AFTER PERIOD OF EST. INSP. AS DIRECTED BY RESIDENT ENGINEER

TOPSOIL FURNISH AND PLACE 24"

SODDING, SALT TOLERANT

SEEDING CLASS 2A

SEEDING CLASS 4 (MODIFIED)

SEEDING CLASS 4 (MODIFIED) & SEEDING CLASS 5 (MODIFIED)

SEEDING CLASS 4B (MODIFIED)

PERENNIAL PLANTS

SHRUBS

PERENNIAL PLANTS, BULB TYPE

MULCH

MOWING STAKE WITH RESTORATION SIGN

PROPOSED SHADE TREE

PROPOSED ORNAMENTAL TREE

PROPOSED EVERGREEN TREE

23 WHITE PINE
15' O.C. - STAGGERED

3 BUR OAK

PERENNIAL PLANTS, WETLAND TYPE (2.28 UNITS)
12" O.C. - STAGGERED (3' WIDTH) (SEE SCHEDULE FOR VARIETIES)

PERENNIAL PLANTS, WETLAND TYPE (19.38 UNITS)
12" O.C. - STAGGERED (3' WIDTH) (SEE SCHEDULE FOR VARIETIES)

6 RIVER BIRCH

PERENNIAL PLANTS, WETLAND TYPE (5.70 UNITS)
12" O.C. - STAGGERED (3' WIDTH) (SEE SCHEDULE FOR VARIETIES)

APPROXIMATE LOCATION OF ILLUMINATED GATEWAY SIGN/ENTRY MONUMENT (BY OTHERS)

6 BUR OAK

5 BUR OAK
25' O.C.

RENWICK ROAD

U.S. ROUTE 30

3716 3717 3718 3719 3720+00 3721

0 20 40

N

PLAN
SURVEYED
PLOTTED
CROSS CHECKED
ALIGNMENT CHECKED
BM. NOTED
RT. OF WAY CHECKED
STRUCTURE NOTATNS CHKD
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
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CROSS CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

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TranSystems

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PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETENTION POND LANDSCAPING PLANS

SCALE: 1"=20' | SHEET NAME: LNDSCP-08 | STA. 8+00 TO STA. 32+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	330
		CONTRACT NO. 60P95		

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET	R		
RAILROAD CONTROL CABINET			
COMMUNICATIONS CABINET	R CC	ECC	CC
MASTER CONTROLLER		EMC	MC
MASTER MASTER CONTROLLER		EMMC	MMC
UNINTERRUPTABLE POWER SUPPLY	R UPS	EUPS	UPS
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT	R	P	P
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT	R T	P T	P T
STEEL MAST ARM ASSEMBLY AND POLE	R		
ALUMINUM MAST ARM ASSEMBLY AND POLE	R		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	R		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA	R PTZ	PTZ	PTZ
SIGNAL POST	R		
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM	R		
GUY WIRE	R		
SIGNAL HEAD	R		
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)			2
SIGNAL HEAD WITH BACKPLATE	R		
SIGNAL HEAD OPTICALLY PROGRAMMED	R "P"	"P"	"P"
FLASHER INSTALLATION (S DENOTES SOLAR POWER)	R "F"	"F"	"F"
PEDESTRIAN SIGNAL HEAD	R		
PEDESTRIAN PUSHBUTTON DETECTOR	R		
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR	R APS	APS	APS
ILLUMINATED SIGN "NO LEFT TURN"	R		
ILLUMINATED SIGN "NO RIGHT TURN"	R		
DETECTOR LOOP, TYPE I			
PREFORMED DETECTOR LOOP		P	P
MICROWAVE VEHICLE SENSOR	R M	M	M
VIDEO DETECTION CAMERA	R V	V	V
VIDEO DETECTION ZONE			
PAN, TILT, ZOOM CAMERA	R PTZ	PTZ	PTZ
WIRELESS DETECTOR SENSOR	R W	W	W
WIRELESS ACCESS POINT	R		

ITEM	REMOVAL	EXISTING	PROPOSED
EMERGENCY VEHICLE LIGHT DETECTOR	R		
CONFIRMATION BEACON	R		
HANDHOLE	R		
HEAVY DUTY HANDHOLE	R H	H	H
DOUBLE HANDHOLE	R		
JUNCTION BOX	R		
UNDERGROUND CONDUIT, GALVANIZED STEEL (UC)			
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE	R		
COMMON TRENCH			CT
COILABLE NONMETALLIC CONDUIT (EMPTY)			CNC
SYSTEM ITEM		S	S
INTERSECTION ITEM		I	IP
REMOVE ITEM	R		
RELOCATE ITEM	RL		
ABANDON ITEM	A		
12" (300mm) TRAFFIC SIGNAL SECTION		R	R
12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE		R Y G	
SIGNAL FACE		R Y G ◄Y ◄G	R Y G ◄Y ◄G
SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD "RB" INDICATES REFLECTIVE BACKPLATE		R Y G ◄Y ◄G "P"	R Y G ◄Y ◄G "P"
12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL		DW W	
12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED			
12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID			
PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER		C D	C D
RADIO INTERCONNECT	R		
RADIO REPEATER	R ERR	ERR	RR
DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED		5	5
GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)		1	1

ITEM	REMOVAL	EXISTING	PROPOSED
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE		I	I
COAXIAL CABLE		C	C
VENDOR CABLE FOR CAMERA		V	V
COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED		6	6
FIBER OPTIC CABLE NO. 62.5/125, MM12F		12F	
FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F		24F	24F
FIBER OPTIC CABLE NO. 62.5/125, MM12F SM24F		36F	36F
GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE		C	C
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED	RCF		
STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED	RMF		
ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED	RMF		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED	RMF		
SIGNAL POST AND FOUNDATION TO BE REMOVED	RPF		
INTERSECTION & SAMPLING (SYSTEM) DETECTOR		IS	IS
SAMPLING (SYSTEM) DETECTOR		S	S
QUEUE DETECTOR		Q	Q
PREFORMED QUEUE DETECTOR		PQ	PQ
PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR		PIS	PIS
PREFORMED SAMPLING (SYSTEM) DETECTOR		PS	PS

RAILROAD SYMBOLS

	EXISTING	PROPOSED
RAILROAD CONTROL CABINET		
RAILROAD CANTILEVER MAST ARM		
FLASHING SIGNAL		
CROSSING GATE		
CROSSBUCK		

FILE NAME =	USER NAME = footemj	DESIGNED - DAC/BCK	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\footemj\d0109315\ta05.dgn		DRAWN - BCK	REVISED -			575	14W - R	WILL	681	331
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -				TS-05		CONTRACT NO. 60P95	
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -		SCALE: NONE SHEET NO. 1 OF 7 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

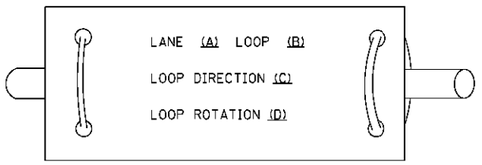
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

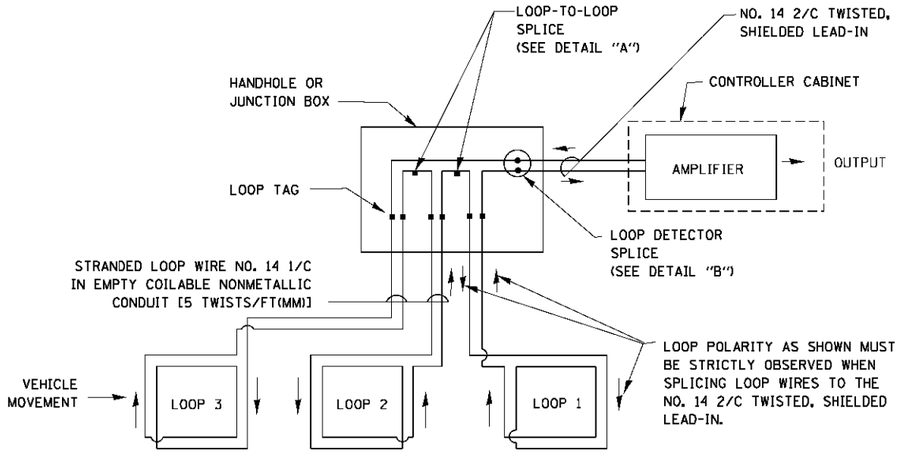


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

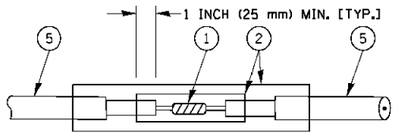
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

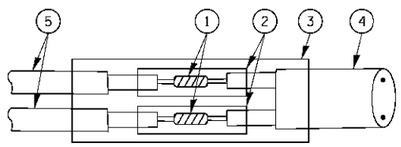


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

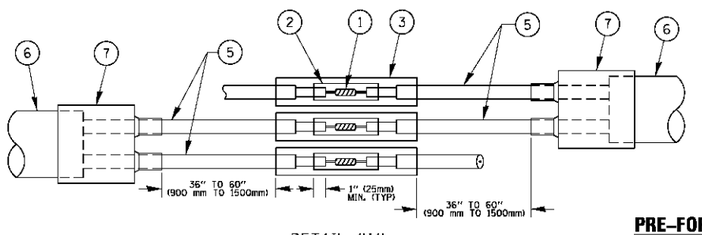


DETAIL "A"
LOOP-TO-LOOP SPLICE



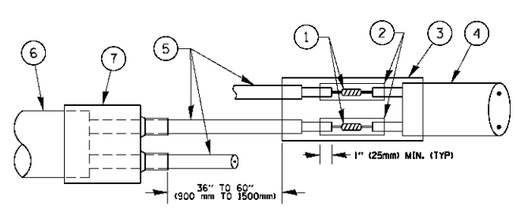
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

(6) PRE-FORMED LOOP

(7) XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

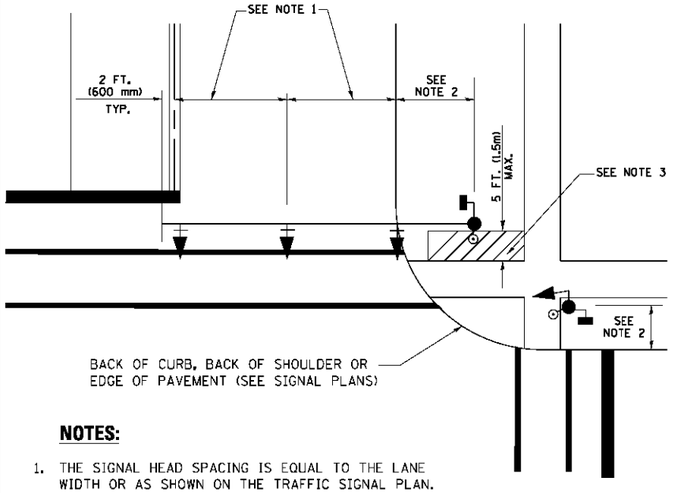
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 2 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	332
	TS-05	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

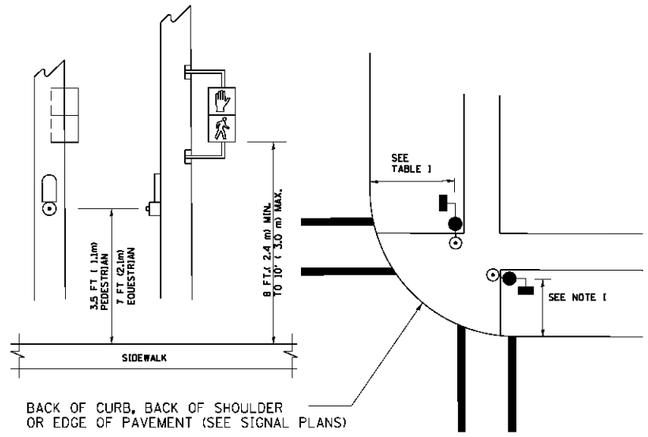
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

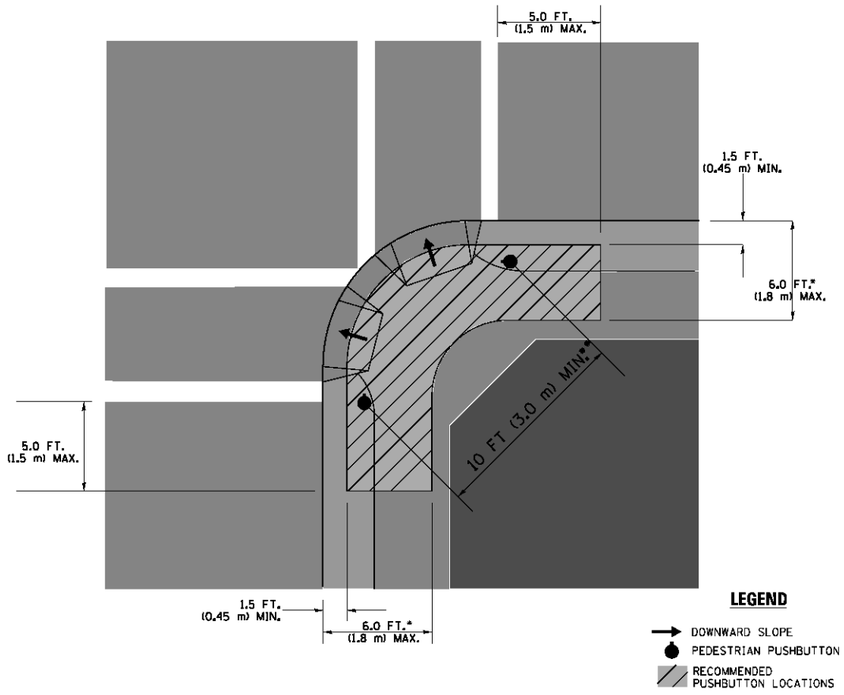
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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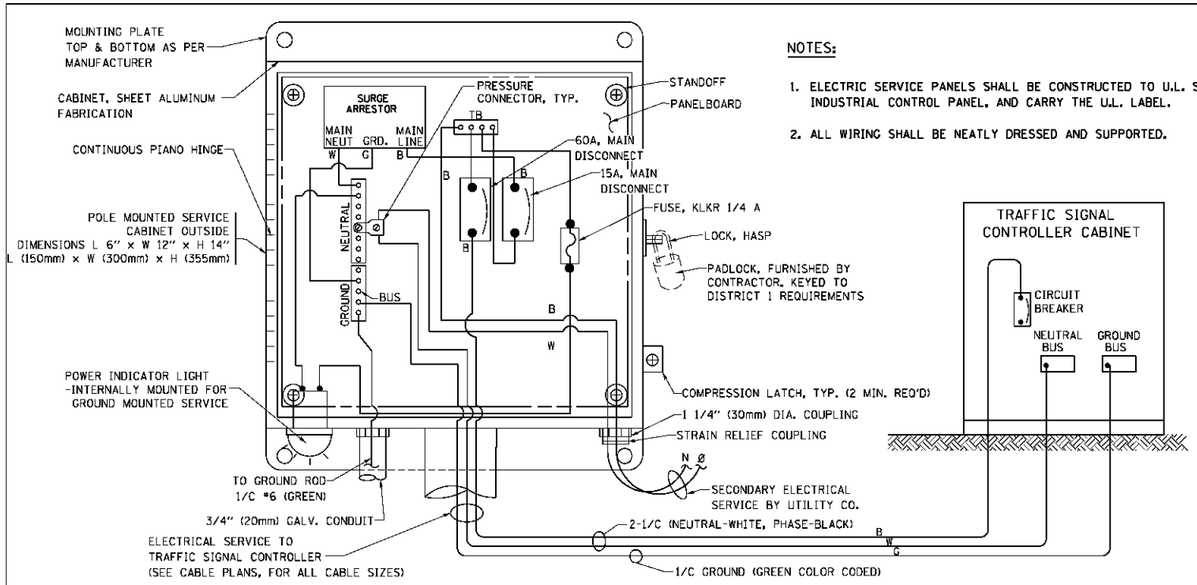
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 3 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	333
	TS-05	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



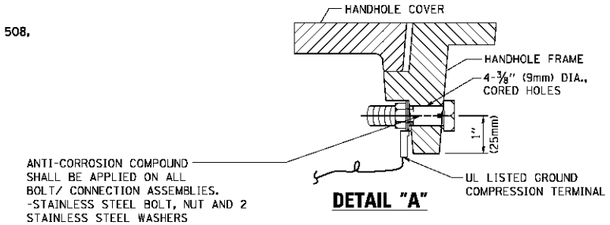
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

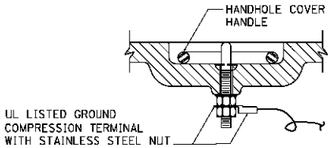
ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)



DETAIL "A"

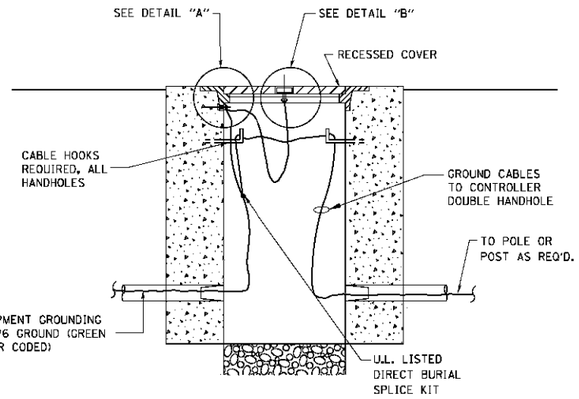


DETAIL "B"

NOTES:

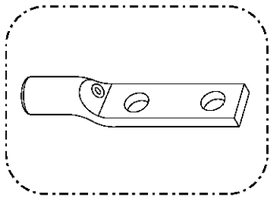
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

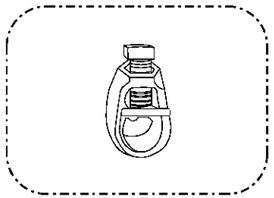


HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



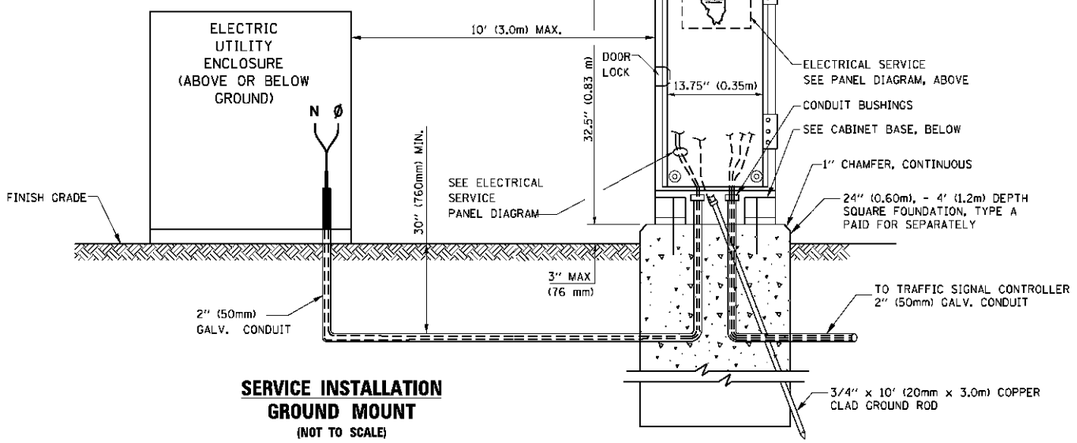
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



3/4" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

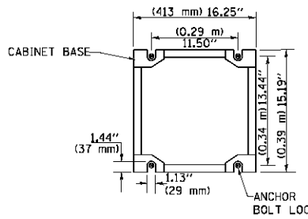
NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
  6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
  13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
  5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



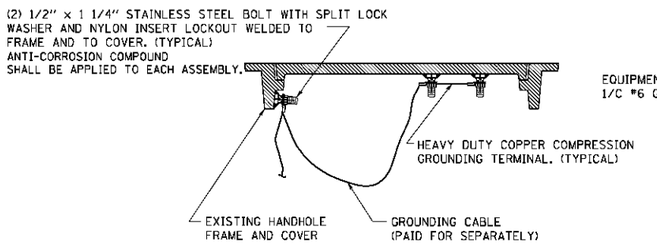
SERVICE INSTALLATION GROUND MOUNT

(NOT TO SCALE)



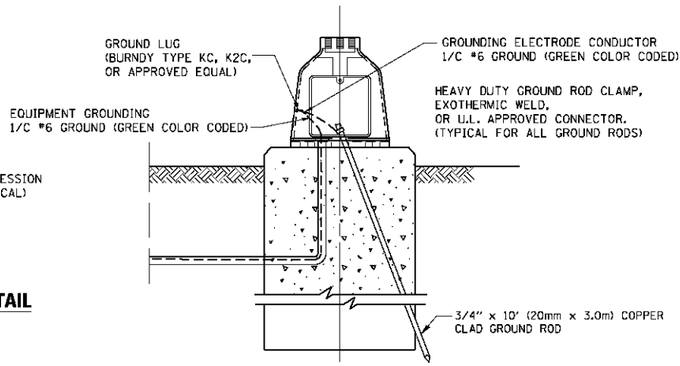
CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE / POST-GROUNDING DETAIL

(NOT TO SCALE)

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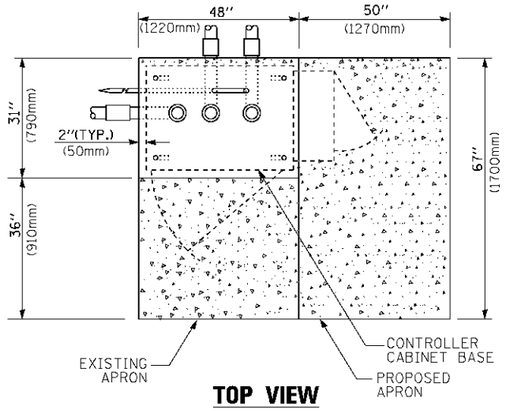
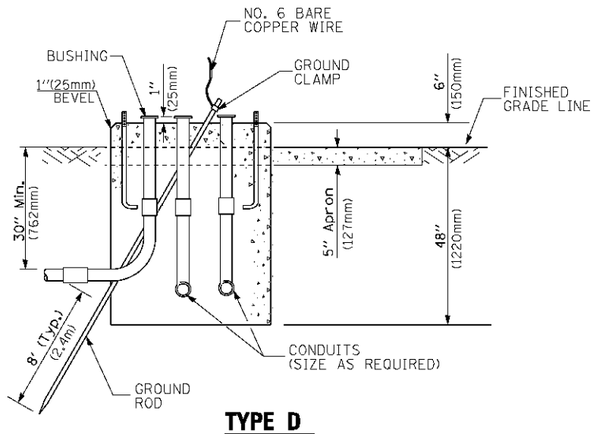
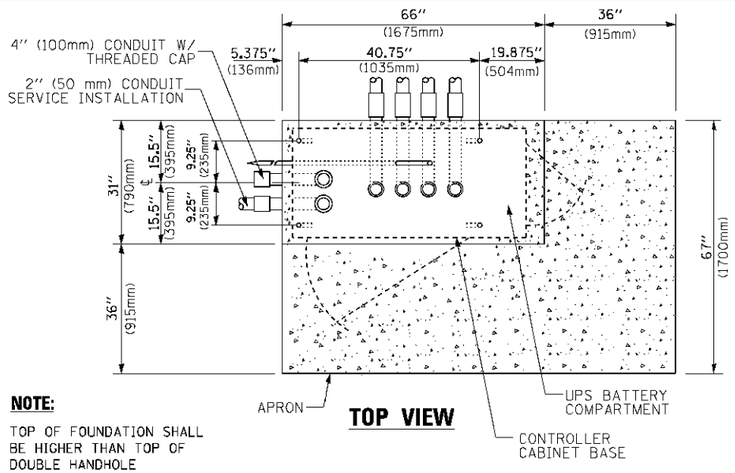
		DRAWN - BCK	REVISED -					575	14W - R	WILL	681	334
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -						TS-05		CONTRACT NO. 60P95	
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -		SCALE: NONE	SHEET NO. 4 OF 7 SHEETS	STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



TOP VIEW



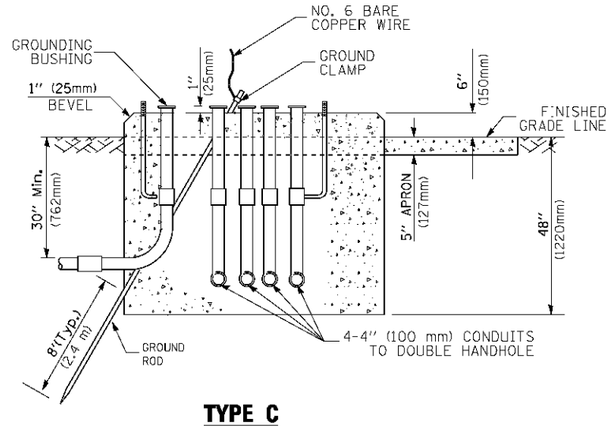
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



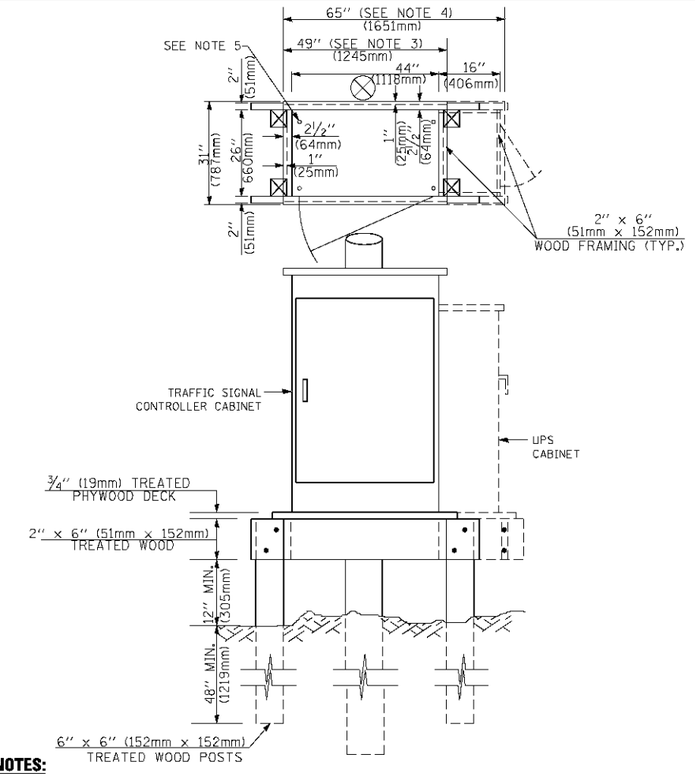
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

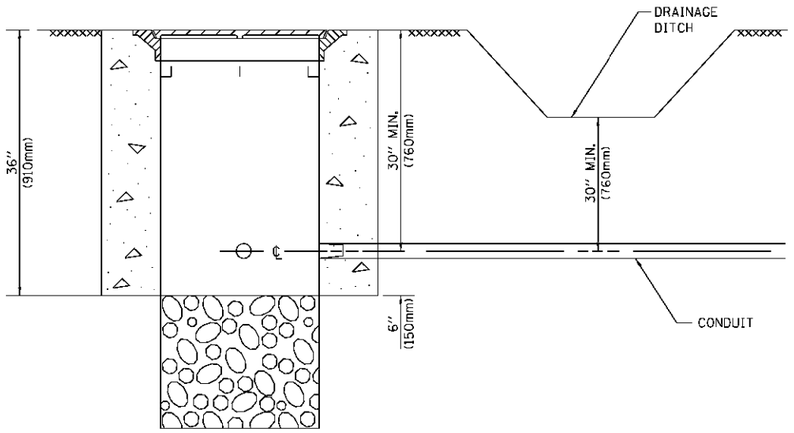
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 5 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	335
	TS-05	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

d05.dgn 10/29/2014 12:38:22 PM Plot Configuration

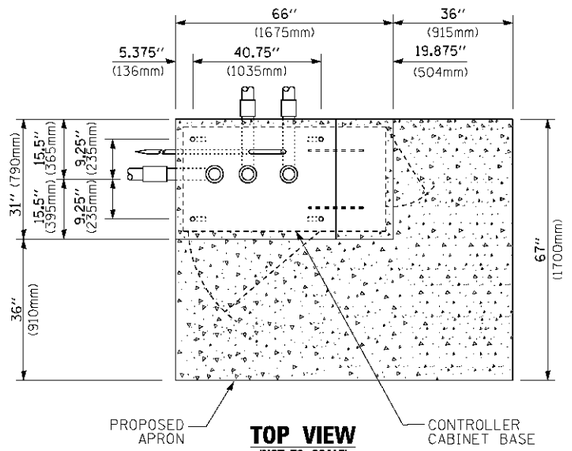


NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

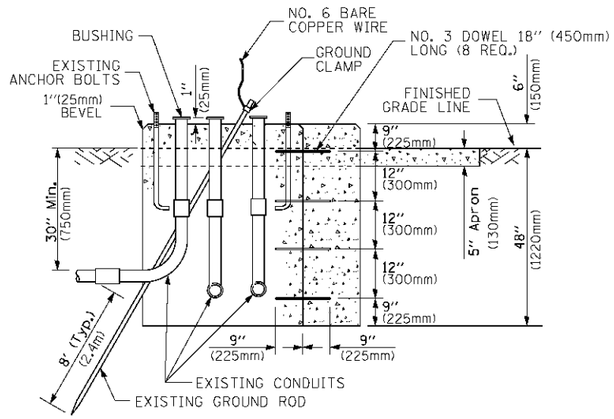
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



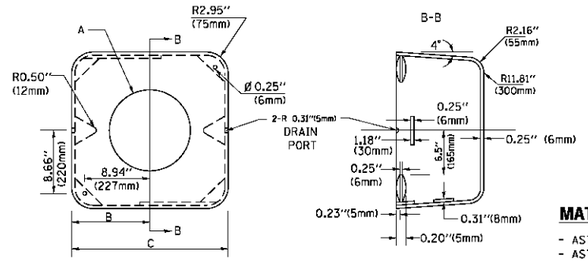
TOP VIEW

(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)



MATERIAL:

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

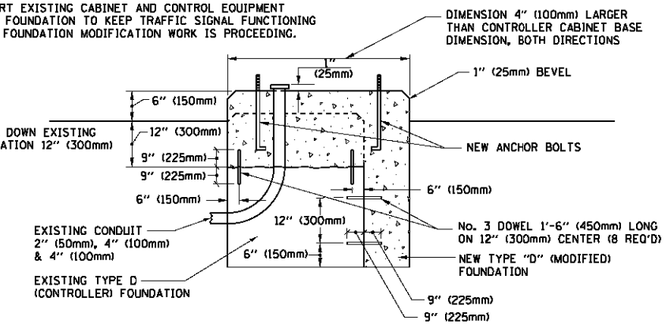
SHROUD

NOTES:

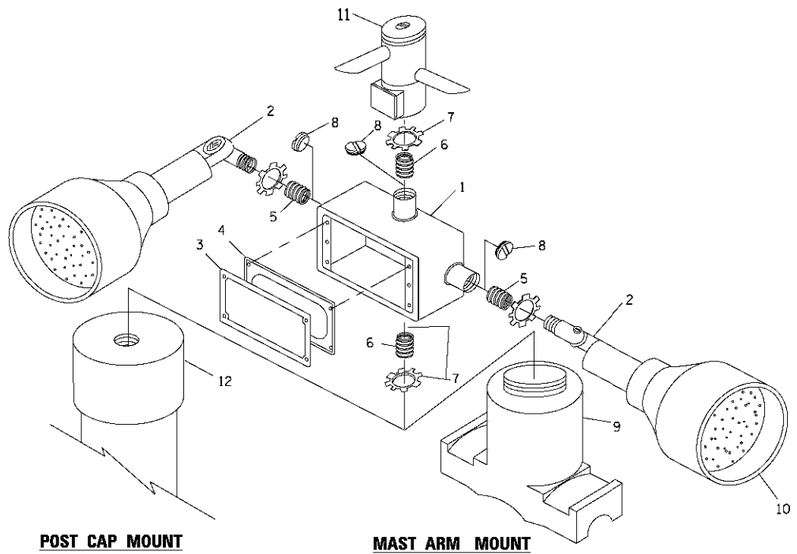
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



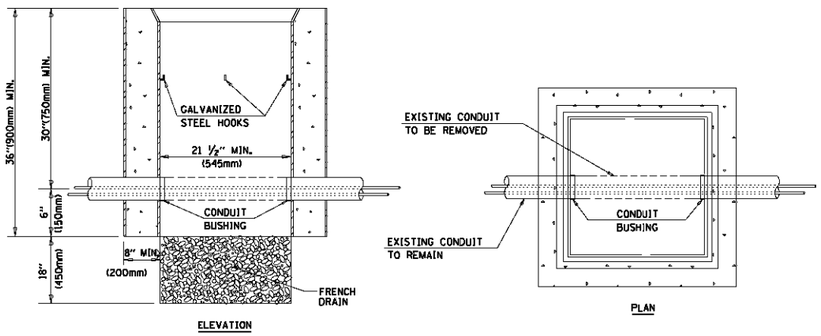
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 6 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	336
	TS-05	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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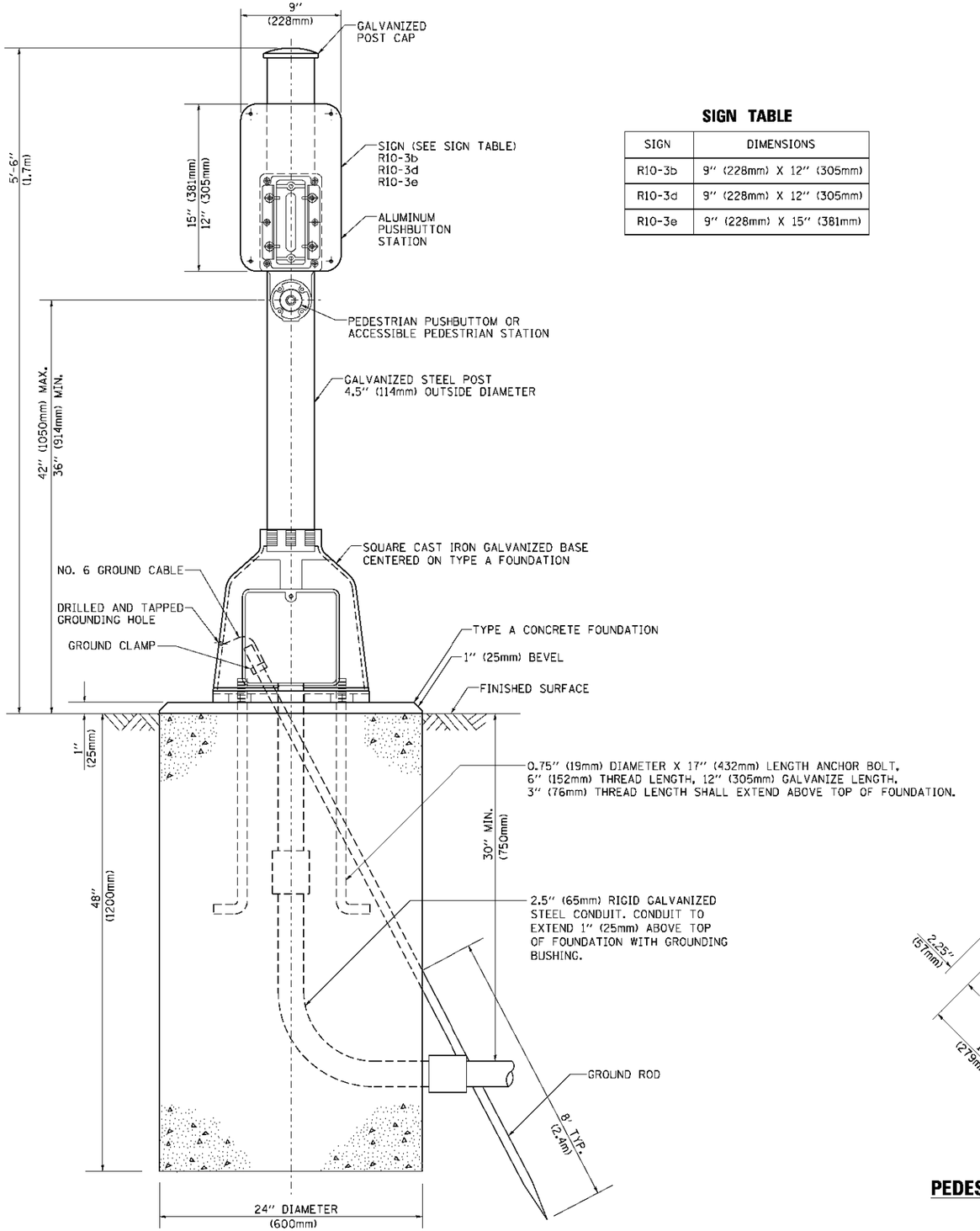
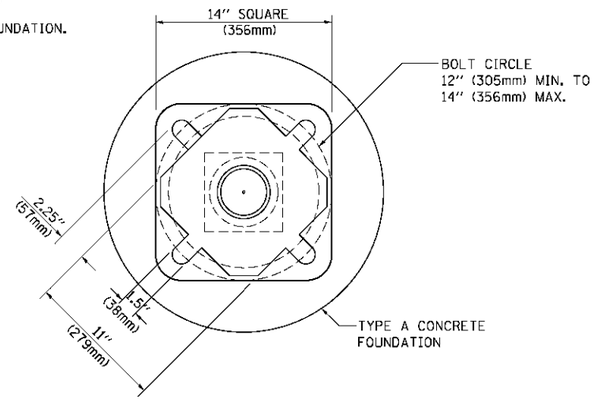


SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

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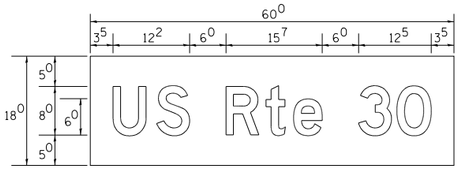
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 7 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	337
	TS-05	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PANEL SIGN DESIGN TYPE 1 OR TYPE 2



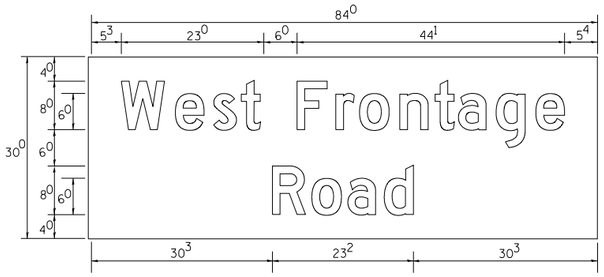
___ Sq. M. each

7.5 Sq. Ft. each

1 Required

Design Series D

PANEL SIGN DESIGN TYPE 2



___ Sq. M. each

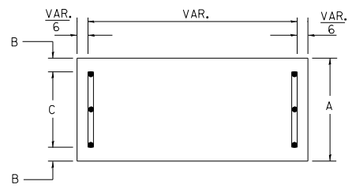
17.5 Sq. Ft. each

2 Required

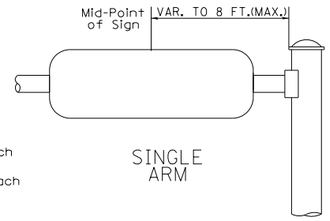
Design Series D

NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

SUPPORTING CHANNELS



A	B	C
18''	2''	14''



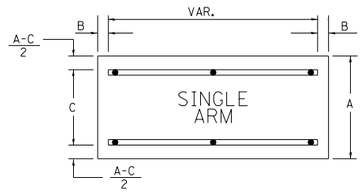
___ Sq. M. each

17.5 Sq. Ft. each

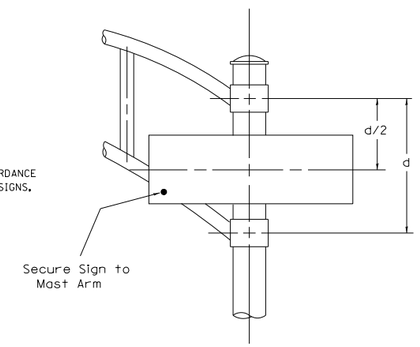
2 Required

Design Series D

SUPPORTING CHANNELS



A	B	C
18''	2''	12''
30''	2''	22''



SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM

Shall be used. See Note *5.

GENERAL NOTES

1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
3. THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 8'-0".
4. ALL BORDERS SHALL BE ¾" WIDE AND CORNER RADIUS SHALL BE 2-1/4 ".
5. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE;

* J.O. HERBERT CO. MIDLOTHIAN, VA

* WESTERN REMAC INC. WOODRIDGE, IL

PARTS LISTING:

SIGN CHANNEL	PART #HPNO53 (MED. CHANNEL)
SIGN SCREWS	¼" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
BRACKETS	PART #HPNO34 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

Upper Case To Lower Case

Spacing Chart 8-6 Inch Series "C & D"

FIRST LETTER \ SECOND LETTER	a c d e g o q		b h i k l m n p r u		f w		j		s t		v y		x		z	
SERIES	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
A W X	1^2	1^4	1^4	1^5	1^2	1^4	0^6	1^0	1^1	1^4	0^6	1^0	1^1	1^2	1^2	1^4
B	1^4	1^5	2^0	2^1	1^4	1^5	1^1	1^2	1^4	1^5	1^2	1^4	1^2	1^4	1^6	1^7
C E G	1^4	1^5	2^0	2^1	1^2	1^4	0^6	1^0	1^2	1^4	1^2	1^4	1^4	1^5	1^4	1^5
D O Q R	1^4	1^5	2^0	2^1	1^4	1^5	0^6	1^0	1^2	1^4	1^2	1^4	1^4	1^5	1^4	1^5
F	0^5	0^6	1^4	1^5	0^6	1^0	0^5	0^6	0^6	1^0	0^6	1^0	0^6	1^0	1^1	1^2
H I M N	2^0	2^1	2^2	2^4	2^0	2^1	1^4	1^5	1^6	1^7	1^6	1^7	2^0	2^1	2^0	2^1
J U	2^0	2^1	2^0	2^1	1^6	1^7	1^4	1^5	1^6	1^7	1^6	1^7	1^6	1^7	2^0	2^1
K L	1^1	1^2	1^6	1^7	1^1	1^2	0^5	0^6	1^1	1^2	1^1	1^2	1^1	1^2	1^2	1^4
P	1^2	1^4	1^4	1^5	1^2	1^4	0^5	0^6	1^1	1^2	1^1	1^2	1^2	1^4	1^2	1^4
S	1^2	1^4	1^6	1^7	1^2	1^4	0^6	1^0	1^2	1^4	1^2	1^4	1^2	1^4	1^2	1^4
T	1^1	1^2	1^6	1^7	0^6	1^0	0^6	1^0	1^1	1^2	1^1	1^2	1^1	1^2	1^2	1^4
V	0^6	1^0	1^4	1^5	1^1	1^2	0^6	1^0	1^2	1^4	1^2	1^4	1^2	1^4	1^2	1^4
Y	0^5	0^6	1^4	1^5	0^6	1^0	0^5	0^6	0^5	0^7	0^5	0^6	0^6	1^0	1^1	1^2
Z	1^6	1^7	2^2	2^4	1^6	1^7	1^2	1^4	1^6	1^7	1^6	1^7	1^6	1^7	2^0	2^1

Lower Case To Lower Case

Spacing Chart 6 Inch Series "C & D"

FIRST LETTER \ SECOND LETTER	a c d e g o q		b h i k l m n p r u		f w		j		s t		v y		x		z	
SERIES	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
a d h g i j l m n q u	1^6	1^7	2^2	2^4	1^6	1^7	1^2	1^4	1^4	1^5	1^4	1^5	1^6	1^7	1^6	1^7
b f k o p s	1^2	1^4	1^6	1^7	1^1	1^2	0^5	0^6	1^1	1^2	1^1	1^2	1^2	1^4	1^2	1^4
c e	1^2	1^4	1^6	1^7	1^2	1^4	0^6	1^0	1^2	1^4	1^2	1^4	1^2	1^4	1^2	1^4
r	0^6	1^0	1^2	1^4	0^6	1^0	0^3	0^3	0^5	0^6	0^5	0^6	0^6	1^0	0^6	1^0
t z	1^2	1^4	1^6	1^7	1^2	1^4	0^6	1^0	1^1	1^2	1^1	1^2	1^2	1^4	1^2	1^4
v y	1^1	1^2	1^4	1^5	1^1	1^2	0^5	0^6	0^6	1^0	0^6	1^0	1^1	1^2	1^1	1^2
w	1^1	1^2	1^4	1^5	1^1	1^2	0^5	0^6	1^1	1^2	1^1	1^2	1^1	1^2	1^2	1^4
x	1^2	1^4	1^6	1^7	1^1	1^2	0^5	0^6	1^1	1^2	1^1	1^2	1^1	1^2	1^2	1^4

Number To Number

Spacing Chart 8 Inch Series "C & D"

FIRST NUMBER \ SECOND NUMBER	0		1		2		3		4		5		6		7		8		9	
SERIES	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
0 9	1^6	1^7	1^6	1^7	1^4	1^5	1^2	1^4	1^4	1^5	1^4	1^5	1^6	1^7	1^2	1^4	1^6	1^7	1^6	1^7
1	2^0	2^1	2^0	2^1	2^0	2^1	1^6	1^7	1^4	1^5	2^0	2^1	2^0	2^1	1^4	1^5	2^0	2^1	2^0	2^1
2 3 4	1^4	1^5	1^4	1^5	1^4	1^5	1^2	1^4	1^2	1^4	1^4	1^5	1^4	1^5	1^1	1^2	1^6	1^7	1^4	1^5
5	1^4	1^5	1^4	1^5	1^4	1^5	1^1	1^2	1^1	1^2	1^4	1^5	1^4	1^5	1^1	1^2	1^4	1^5	1^4	1^5
6	1^6	1^7	1^4	1^5	1^4	1^5	1^2	1^5	1^2	1^4	1^4	1^5	1^4	1^5	1^1	1^2	1^4	1^5	1^4	1^5
7	1^2	1^4	1^2	1^4	1^4	1^5	1^2	1^5	0^5	0^6	1^2	1^4	1^4	1^5	1^1	1^2	1^4	1^5	1^2	1^4
8	1^6	1^7	1^6	1^7	1^4	1^5	1^2	1^5	1^2	1^4	1^4	1^5	1^6	1^7	1^2	1^4	1^6	1^7	1^4	1^5

EXAMPLE, 2 (3) DENOTES $\frac{3}{8}$"

UPPER AND LOWER CASE LETTER WIDTHS

LETTERS	6 INCH UPPER CASE LETTERS, SERIES C	6 INCH UPPER CASE LETTERS, SERIES D	8 INCH UPPER CASE LETTERS, SERIES C	8 INCH UPPER CASE LETTERS, SERIES D	LETTERS	6 INCH LOWER CASE LETTERS, SERIES C	6 INCH LOWER CASE LETTERS, SERIES D
A	3^6	5^0	5^0	6^5	a	3^5	4^2
B	3^2	4^0	4^3	5^3	b	3^5	4^2
C	3^2	4^0	4^3	5^3	c	3^5	4^1
D	3^2	4^0	4^3	5^3	d	3^5	4^2
E	3^0	3^5	4^0	4^7	e	3^5	4^2
F	3^0	3^5	4^0	4^7	f	2^3	2^6
G	3^2	4^0	4^3	5^3	g	3^5	4^2
H	3^2	4^0	4^3	5^3	h	3^5	4^2
I	0^7	0^7	1^1	1^2	i	1^1	1^1
J	3^0	3^6	4^0	5^0	j	2^0	2^2
K	3^2	4^1	4^3	5^4	k	3^5	4^2
L	3^0	3^5	4^0	4^7	l	1^1	1^1
M	3^7	4^5	5^1	6^1	m	6^0	7^0
N	3^2	4^0	4^3	5^3	n	3^5	4^2
O	3^4	4^2	4^5	5^5	o	3^6	4^3
P	3^2	4^0	4^3	5^3	p	3^5	4^2
Q	3^4	4^2	4^5	5^5	q	3^5	4^2
R	3^2	4^0	4^3	5^3	r	2^6	3^2
S	3^2	4^0	4^3	5^3	s	3^6	4^2
T	3^0	3^5	4^0	4^7	t	2^7	3^2
U	3^2	4^0	4^3	5^3	u	3^5	4^2
V	3^5	4^4	4^7	6^0	v	4^2	4^7
W	4^4	5^2	6^0	7^0	w	5^5	6^4
X	3^4	4^0	4^5	5^3	x	4^4	5^1
Y	3^6	5^0	5^0	6^6	y	4^6	5^3
Z	3^2	4^0	4^3	5^3	z	3^6	4^3

NUMBER	6 INCH SERIES, C	6 INCH SERIES, D	8 INCH SERIES, C	8 INCH SERIES, D
1	1^2	1^4	1^5	2^0
2	3^2	4^0	4^3	5^3
3	3^2	4^0	4^3	5^3
4	3^5	4^3	4^7	5^7
5	3^2	4^0	4^3	5^3
6	3^2	4^0	4^3	5^3
7	3^2	4^0	4^3	5^3
8	3^2	4^0	4^3	5^3
9	3^2	4^0	4^3	5^3
0	3^4	4^2	4^5	5^5

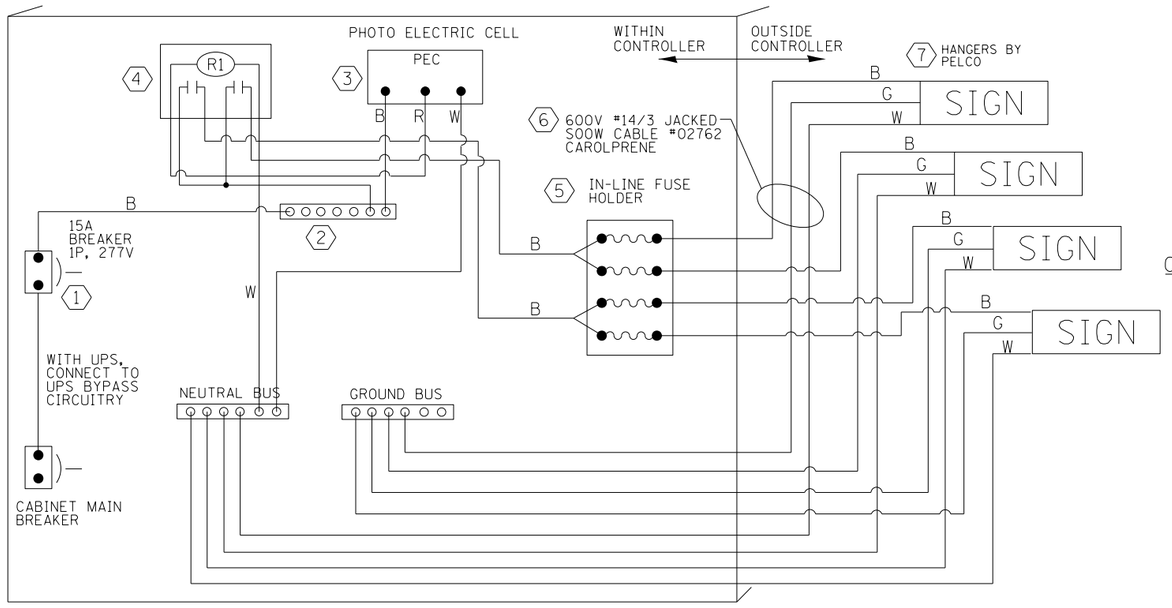
FILE NAME = c:\pw_work\pwidot\footemj\d0108315\ts02.dgn	USER NAME = footemj	DESIGNED - DAG/BCK	REVISED - DAG 10/28/09
		DRAWN - BCK	REVISED - LP 01/01/14
	PLOT SCALE = 100.0000 ' / in.	CHECKED - DAG/DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 03-15-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: NONE | SHEET NAME: TS-MA1

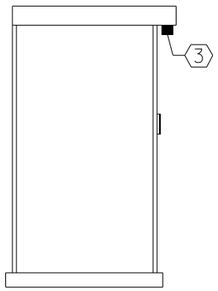
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	338
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



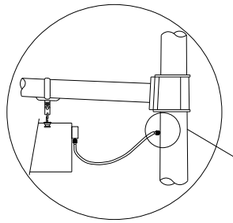
LED SIGN WIRING DETAIL

DESCRIPTION	MANUFACTURER	MODEL	NOTES
(1) CIRCUIT BREAKER		15 AMPERE	Molded case, Thermal Mag. min. R.I. of 14K R.M.S. symmetrical ampere at 277V.
(2) TERMINAL BLOCK	MARATHON	1502 DJSV	
(3) PHOTO ELECTRIC CONTROL	FISHER PIERCE	B124-1.5-07762	
(4) CONTROL RELAY	SQUARE D	8501X020V02	BOLT ON W/SCREW TERMINAL
(5) INLINE FUSE HOLDER WITH 5 AMP FUSE	BUSSMAN	S-8000 BK/S-8-3-4-R	
(6) ELECTRIC CABLE, NO. 14, 3/C (BLACK, WHITE, GREEN)	CAROLPRENE/SOOW	02762	
(7) SIGN MOUNTING HARDWARE	PELCO	Pendant (SE-5015) Direct mount (AB-0104-L-SP) Additional sign stiffeners may be required for direct mounted signs.	S.S. HARDWARE

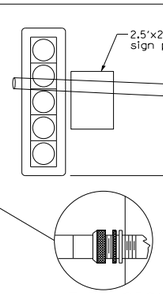
BILL OF MATERIALS



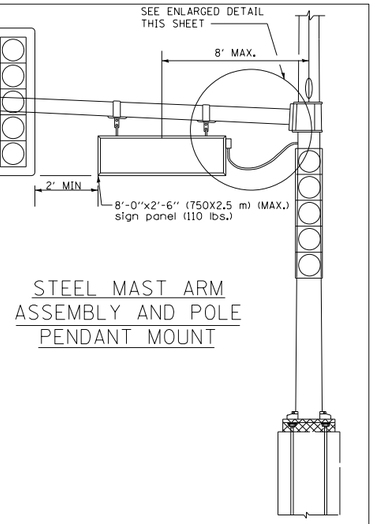
CONTROLLER CABINET SIDE VIEW



L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL FOR PENDANT MOUNT

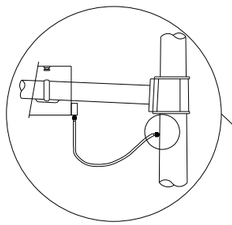


L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL

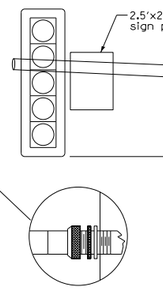


STEEL MAST ARM ASSEMBLY AND POLE PENDANT MOUNT

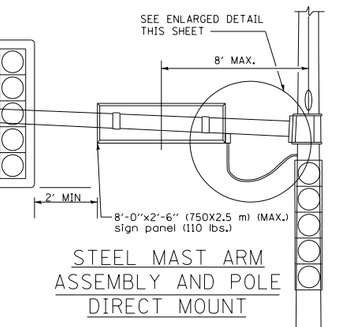
Loading shall not exceed that shown on current Highway Standard.



L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL FOR DIRECT MOUNT

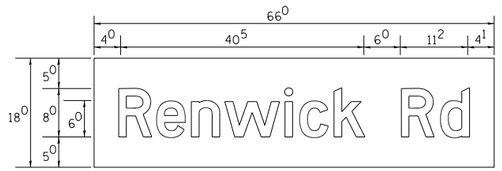


L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL

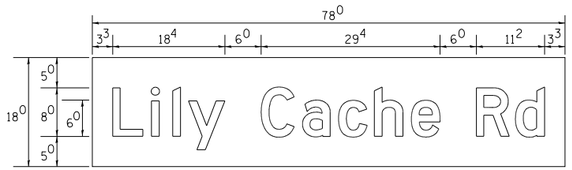


STEEL MAST ARM ASSEMBLY AND POLE DIRECT MOUNT

PANEL SIGN DESIGN TYPE 1

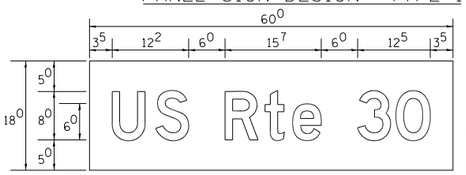


___ Sq. M. each
8.25 Sq. Ft. each
4 Required; two per sign
Design Series Clearview 3-W

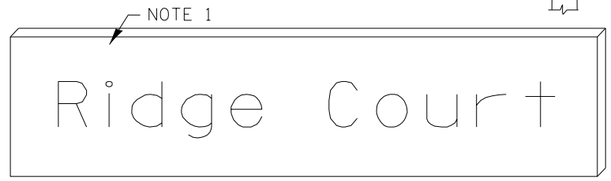


___ Sq. M. each
9.75 Sq. Ft. each
4 Required; two per sign
Design Series Clearview 3-W

PANEL SIGN DESIGN TYPE 1



___ Sq. M. each
7.5 Sq. Ft. each
6 Required; two per sign
Design Series Clearview 3-W



LED ILLUMINATED SIGN PANEL

8'0" x 2'6" (750 mm x 2.5 mm)(MAX.)
C or D FONT

NOTES:

1. SIGNS SHALL BE SINGLE SIDED FOR DIRECT MOUNT AND DOUBLE SIDED FOR PENDANT MOUNT.
2. CERTAIN ADDITIONAL INFORMATION MAY BE ALLOWED ON THE SIGN. VERIFY WITH ENGINEER.
3. SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS. THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
4. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
   R = RED BL = BLUE W = WHITE
   B = BLACK Y = YELLOW G = GREEN
5. ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12AWG STRANDED UNLESS OTHERWISE INDICATED.
6. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

FILE NAME = G:\CH12\0012\Road\Sheets\D160P95-SHT-TS-LEDMA SIGN.dgn	USER NAME = bshaefliger	DESIGNED -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/23/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1
MAST ARM MOUNTED ILLUMINATED STREET NAME SIGNS

SCALE: 1"=20' | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0124	08-00106-0 0-FP	McHENRY	681	339
		CONTRACT NO. 63843		
	ILLINOIS FED. AID PROJECT			

TEMPORARY TRAFFIC SIGNAL NOTES

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.

2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.

3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZED COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.

4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.

5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.

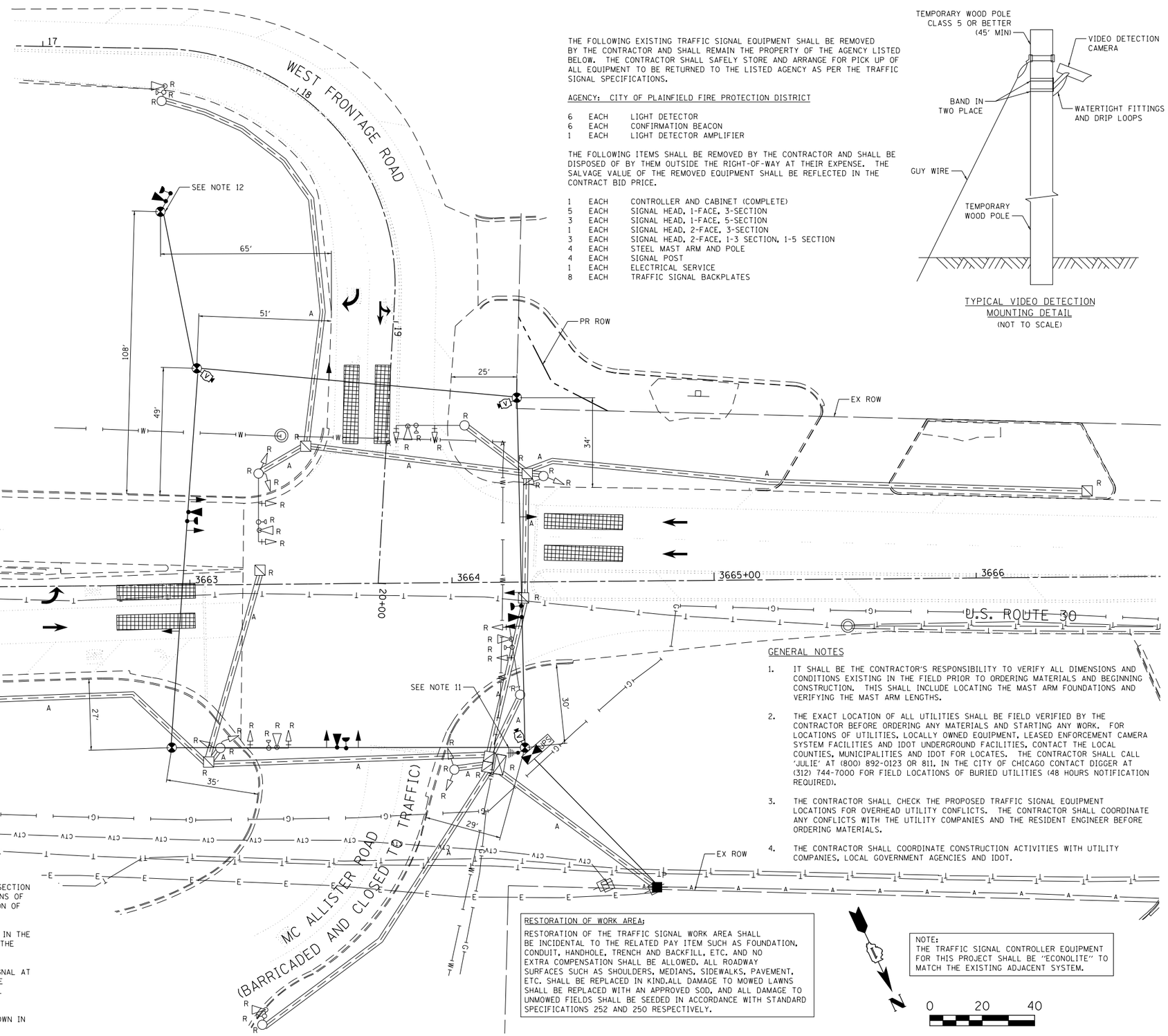
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.

8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.

PLAN — SURVEYED | PLOTTED | CROSS CHECKED | ALIGNMENT CHECKED | R.T. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE — SURVEYED | PLOTTED | CROSS CHECKED | B.M. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE



THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: CITY OF PLAINFIELD FIRE PROTECTION DISTRICT

6	EACH	LIGHT DETECTOR
6	EACH	CONFIRMATION BEACON
1	EACH	LIGHT DETECTOR AMPLIFIER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	CONTROLLER AND CABINET (COMPLETE)
5	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
3	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
1	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION
3	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
4	EACH	STEEL MAST ARM AND POLE
4	EACH	SIGNAL POST
1	EACH	ELECTRICAL SERVICE
8	EACH	TRAFFIC SIGNAL BACKPLATES

TYPICAL VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.

2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

TEMPORARY TRAFFIC SIGNAL NOTES (CONTINUED)

9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.

10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

11. THE CONTRACTOR SHALL INSTALL A WIRELESS ANTENNA TO THE WOOD POLE AS SHOWN AND TO THE SIGNAL AT THE I-55 SOUTHBOUND RAMP TO MAINTAIN THE EXISTING INTERCONNECT BETWEEN THESE SIGNALS. THE TEMPORARY WIRELESS INTERCONNECT SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.

12. THE GUY WIRE SUPPORT FOR THIS POLE SHALL BE INSTALLED PER THE SIDEWALK GUY DETAIL AS SHOWN IN IDOT STANDARD DETAIL 880001-01.

RESTORATION OF WORK AREA:

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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Tran Systems

USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-TS-WF-01-TEMPSIGNPLAN_WFRONT_PRECONSTRUCTION.dgn	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC INSTALLATION PLAN
U.S. ROUTE 30 AT WEST FRONTAGE ROAD – PRECONSTRUCTION

SCALE: 1"=20' | SHEET NAME: TS-WF-01 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5775	14W - R	WILL	681	340
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

PLAN

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		NOTE BOOK
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'5+00 16 17 18 19

WEST FRONTAGE ROAD

U.S. ROUTE 30

3661 3662 3663 3664 3665+00 3666

U.S. ROUTE 30

MC ALLISTER ROAD
(BARRICADED AND CLOSED TO TRAFFIC)

SEE NOTE 12

65'

51'

108'

49'

25'

34'

27'

35'

29'

30'

PR ROW

EX ROW

EX ROW

R

P

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.

2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

TEMPORARY WOOD POLE
CLASS 5 OR BETTER
(45' MIN)

VIDEO DETECTION CAMERA

BAND IN TWO PLACE

WATERTIGHT FITTINGS AND DRIP LOOPS

GUY WIRE

TEMPORARY WOOD POLE

TYPICAL VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)

RESTORATION OF WORK AREA:

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTES:

A1. CONTRACTOR TO RELOCATE CAMERAS AND SIGNAL HEADS AS SHOWN ON THE PLAN PRIOR TO THE START OF STAGE 1 OF CONSTRUCTION.

A2. SEE PRECONSTRUCTION PLAN SHEET FOR ADDITIONAL NOTES.

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TranSystems

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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC INSTALLATION PLAN
U.S. ROUTE 30 AT WEST FRONTAGE ROAD – STAGE 1

SCALE: 1"=20' | SHEET NAME: TS-WF-02 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5775	14W - R	WILL	681	341
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

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B.M. NOTED
STRUCTURE NO.
TRAFFIC CHKD

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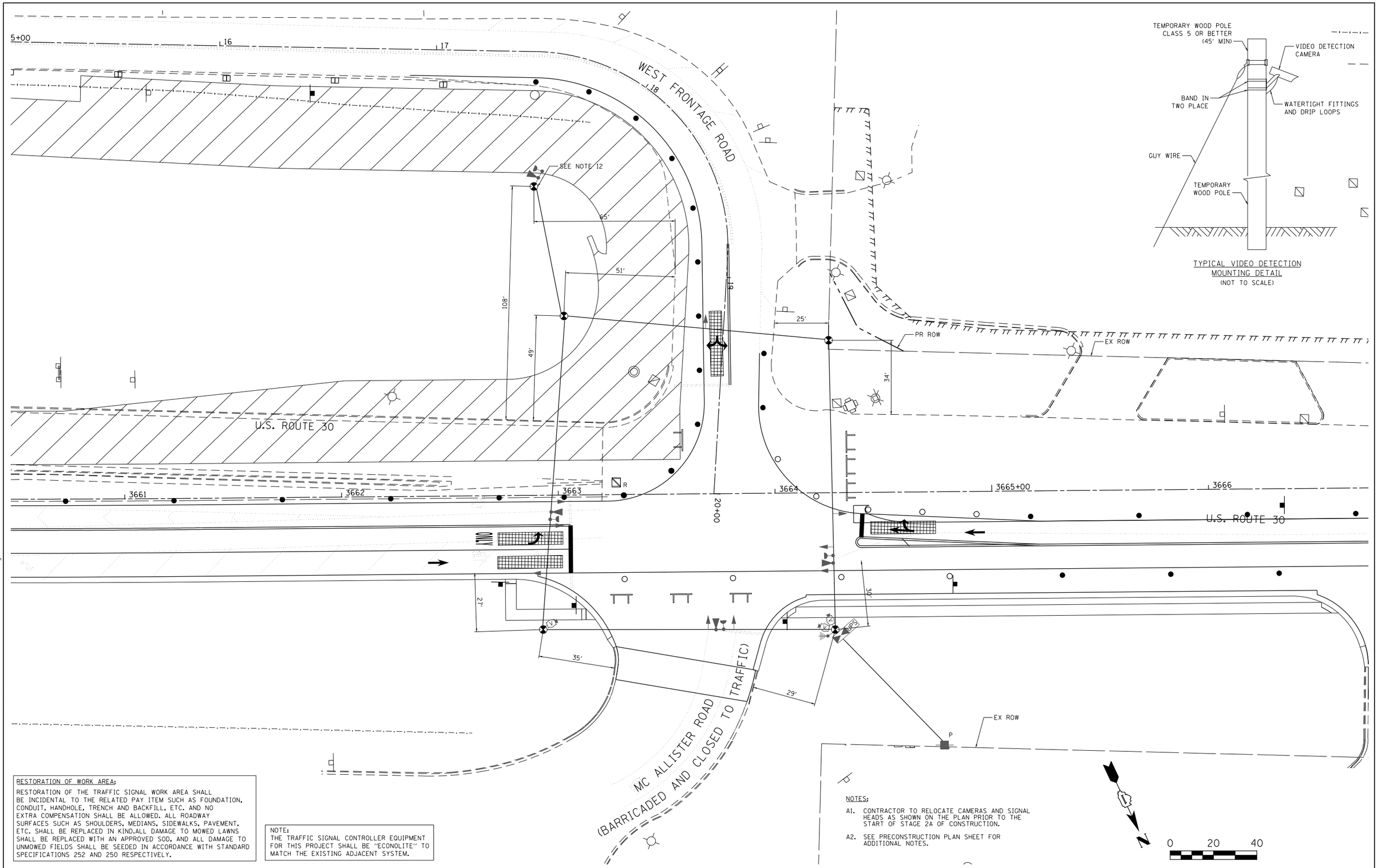

TYPICAL VIDEO DETECTION
MOUNTING DETAIL
(NOT TO SCALE)

RESTORATION OF WORK AREA;

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTES;

A1. CONTRACTOR TO RELOCATE CAMERAS AND SIGNAL HEADS AS SHOWN ON THE PLAN PRIOR TO THE START OF STAGE 2A OF CONSTRUCTION.

A2. SEE PRECONSTRUCTION PLAN SHEET FOR ADDITIONAL NOTES.

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USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-TS-WF-02-TEMPSIGNPLAN_WFRONT_STAGE2A.dgn	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC INSTALLATION PLAN
U.S. ROUTE 30 AT WEST FRONTAGE ROAD – STAGE 2A

SCALE: 1"=20' | SHEET NAME: TS-WF-03 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5575	14W - R	WILL	681	342
		CONTRACT NO. 60P95		

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

PLAN

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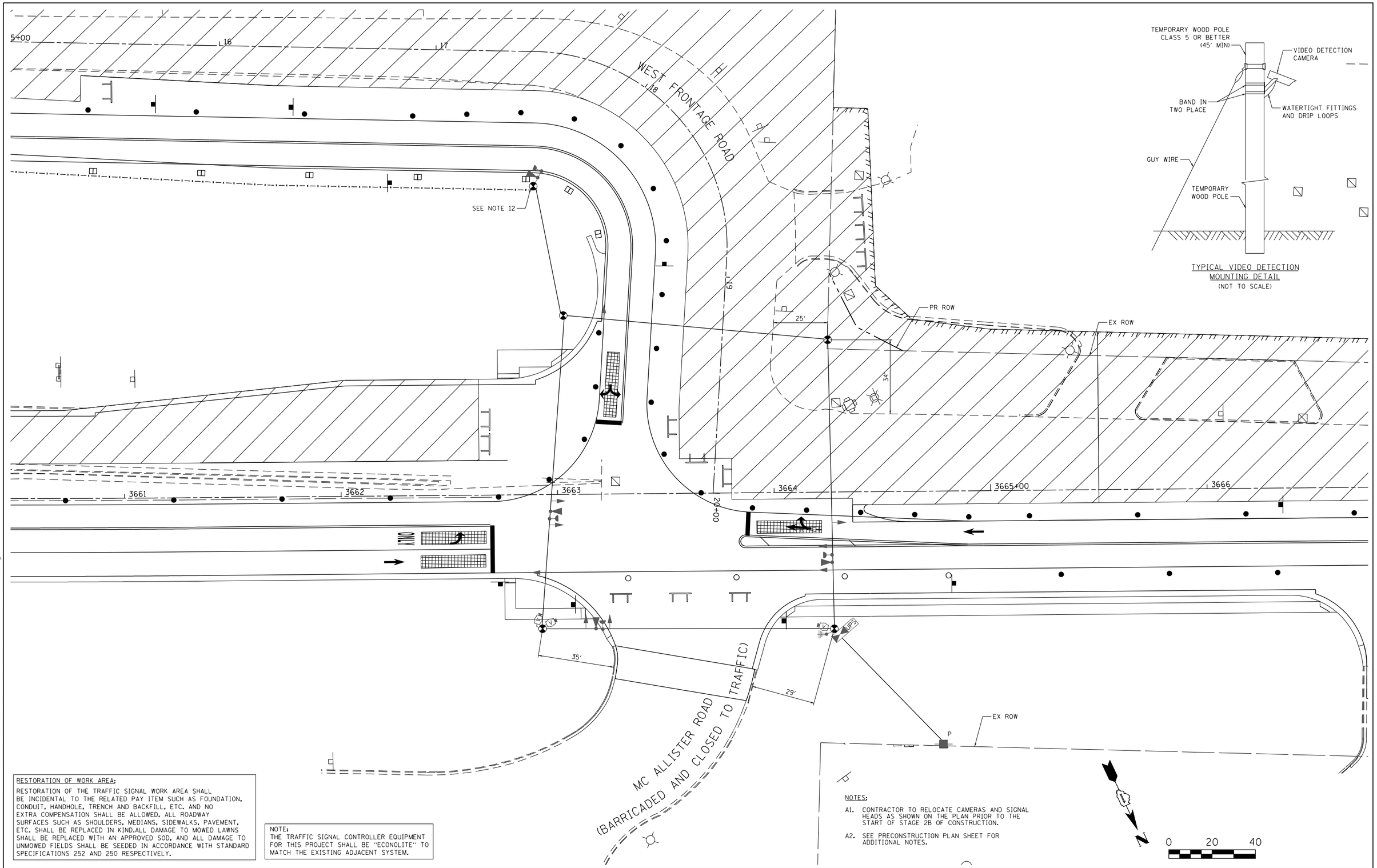

TEMPORARY WOOD POLE
CLASS 5 OR BETTER
(45' MIN)

VIDEO DETECTION CAMERA

BAND IN TWO PLACE

WATERTIGHT FITTINGS AND DRIP LOOPS

GUY WIRE

TEMPORARY WOOD POLE

TYPICAL VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)

RESTORATION OF WORK AREA;

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTES;

A1. CONTRACTOR TO RELOCATE CAMERAS AND SIGNAL HEADS AS SHOWN ON THE PLAN PRIOR TO THE START OF STAGE 2B OF CONSTRUCTION.

A2. SEE PRECONSTRUCTION PLAN SHEET FOR ADDITIONAL NOTES.

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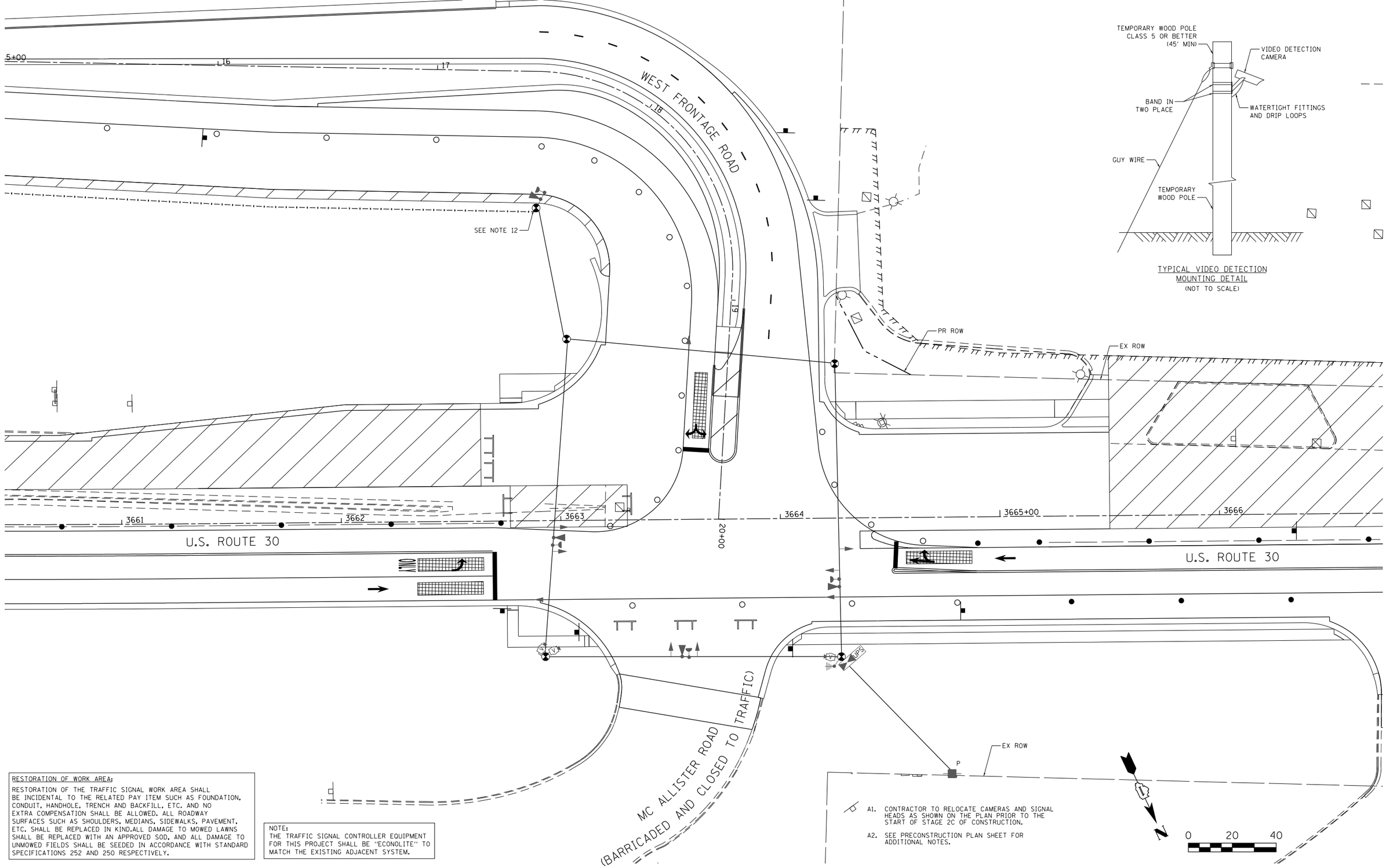
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC INSTALLATION PLAN
U.S. ROUTE 30 AT WEST FRONTAGE ROAD – STAGE 2B

SCALE: 1"=20' | SHEET NAME: TS-WF-04 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5575	14W - R	WILL	681	343
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



TYPICAL VIDEO DETECTION
MOUNTING DETAIL
(NOT TO SCALE)

RESTORATION OF WORK AREA:

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

A1. CONTRACTOR TO RELOCATE CAMERAS AND SIGNAL HEADS AS SHOWN ON THE PLAN PRIOR TO THE START OF STAGE 2C OF CONSTRUCTION.

A2. SEE PRECONSTRUCTION PLAN SHEET FOR ADDITIONAL NOTES.

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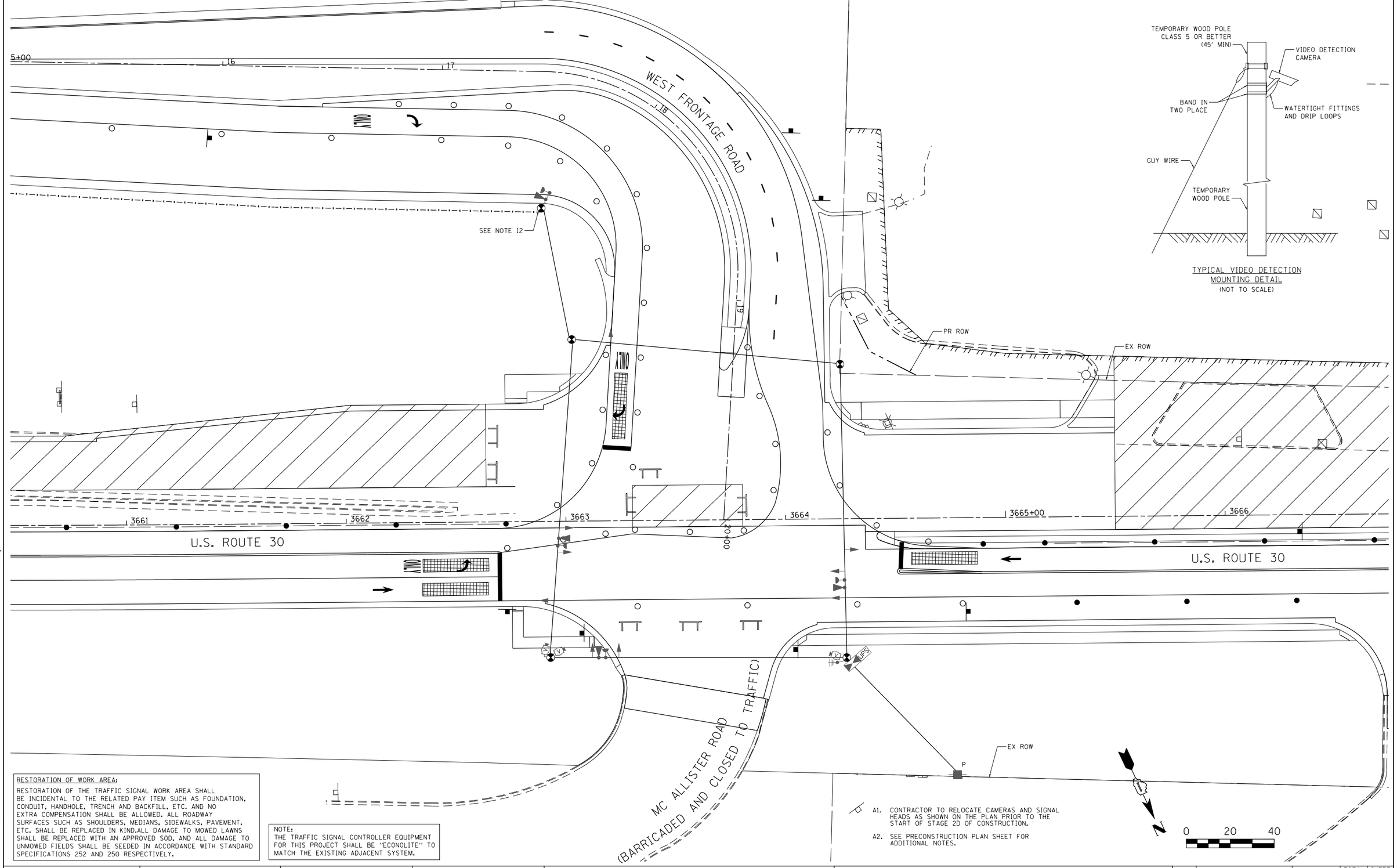
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC INSTALLATION PLAN
U.S. ROUTE 30 AT WEST FRONTAGE ROAD – STAGE 2C

SCALE: 1"=20' | SHEET NAME: TS-WF-05 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5275	14W - R	WILL	681	344
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



TEMPORARY WOOD POLE
CLASS 5 OR BETTER
(45' MIN)

VIDEO DETECTION CAMERA

BAND IN TWO PLACE

WATERTIGHT FITTINGS AND DRIP LOOPS

GUY WIRE

TEMPORARY WOOD POLE

TYPICAL VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)

RESTORATION OF WORK AREA;

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

A1. CONTRACTOR TO RELOCATE CAMERAS AND SIGNAL HEADS AS SHOWN ON THE PLAN PRIOR TO THE START OF STAGE 2D OF CONSTRUCTION.

A2. SEE PRECONSTRUCTION PLAN SHEET FOR ADDITIONAL NOTES.

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NOTE BOOK
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PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

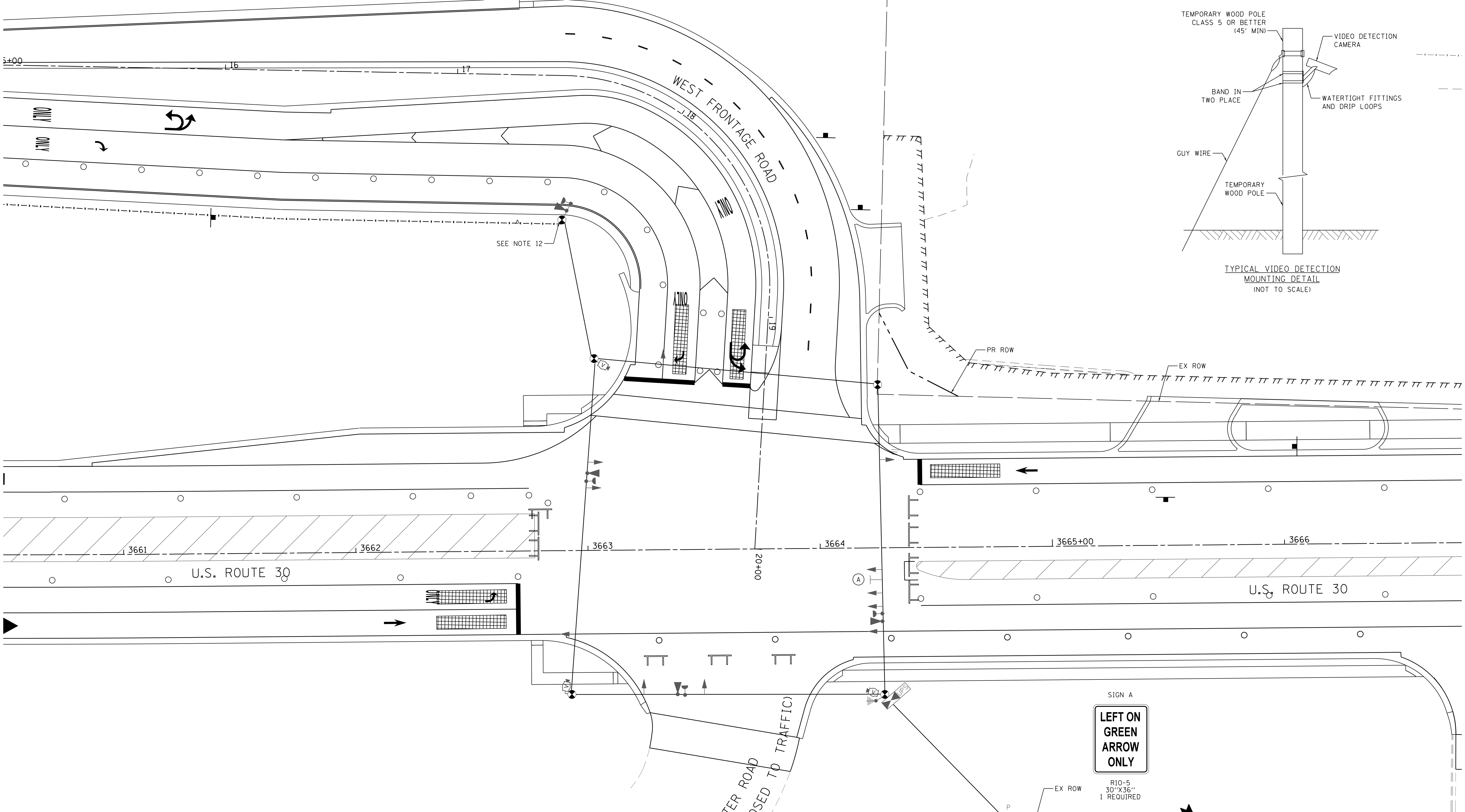
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC INSTALLATION PLAN
U.S. ROUTE 30 AT WEST FRONTAGE ROAD – STAGE 2D

SCALE: 1"=20' | SHEET NAME: TS-WF-06 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5725	14W - R	WILL	681	345
		CONTRACT NO. 60P95		

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT



RESTORATION OF WORK AREA:

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

A1. CONTRACTOR TO RELOCATE CAMERAS AND SIGNAL HEADS AS SHOWN ON THE PLAN PRIOR TO THE START OF STAGE 3 OF CONSTRUCTION.

A2. SEE PRECONSTRUCTION PLAN SHEET FOR ADDITIONAL NOTES.

0 20 40

TranSystems	USER NAME = bshaefliger	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000 '/ in.	CHECKED -	REVISED -
	PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC INSTALLATION PLAN
U.S. ROUTE 30 AT WEST FRONTAGE ROAD – STAGE 3

SCALE: 1"=20' | SHEET NAME:TS-WF-07 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	346
		CONTRACT NO. 60P95		

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

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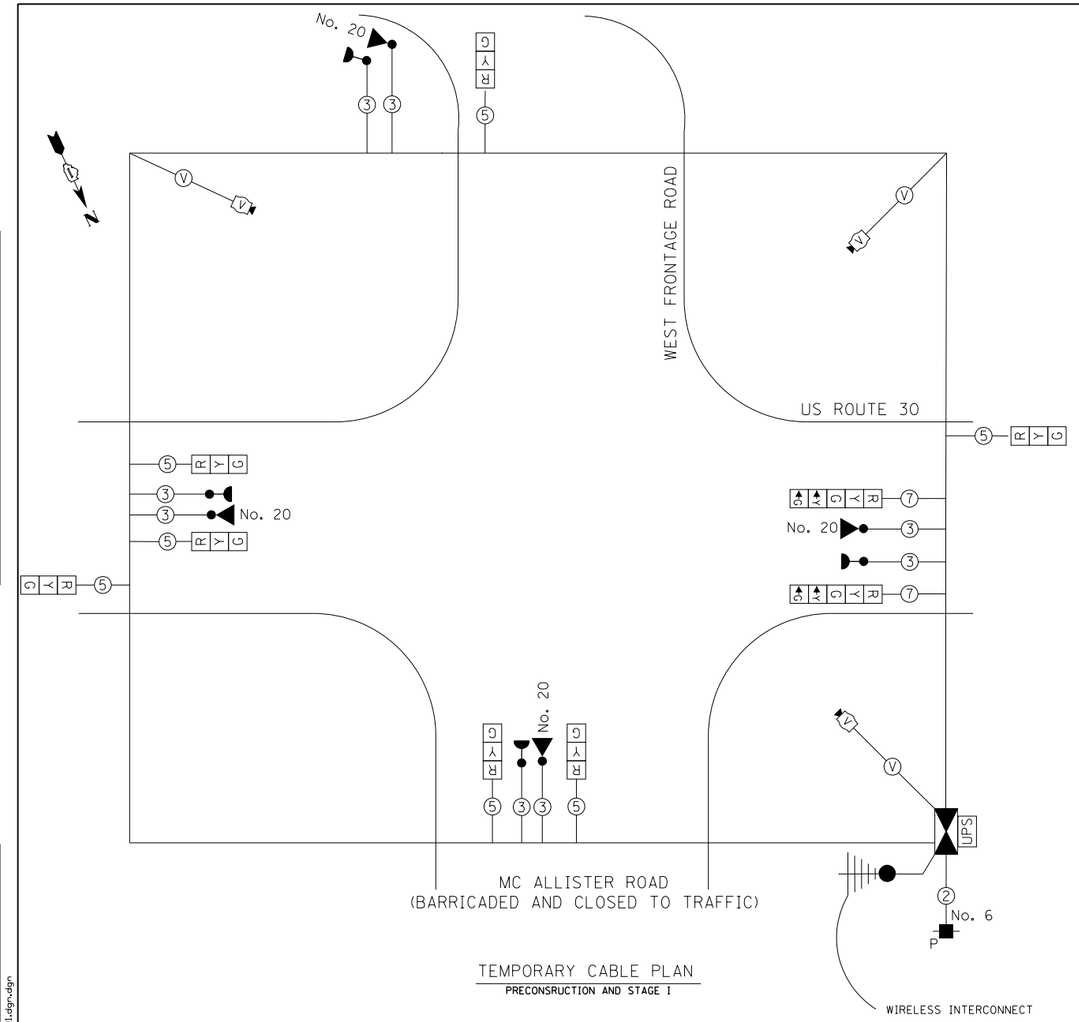
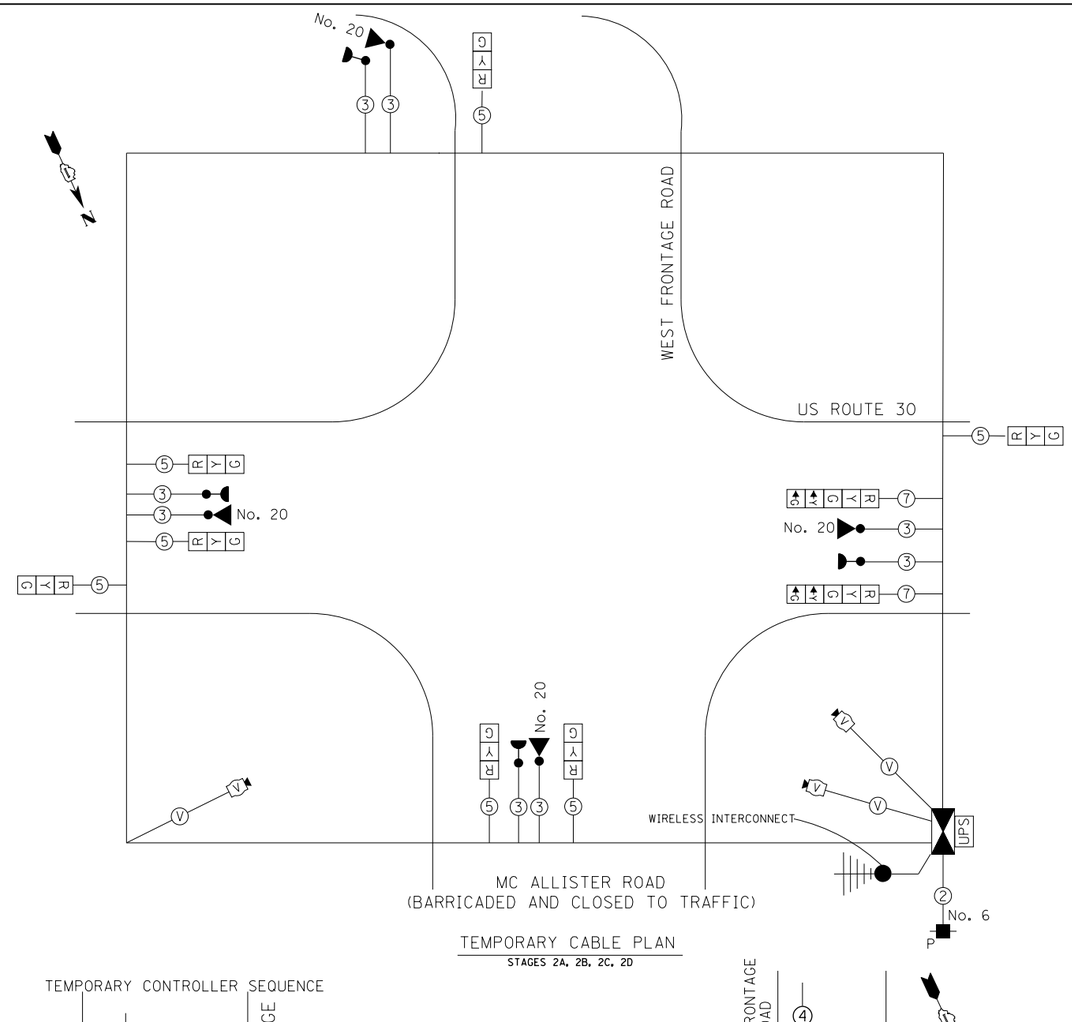


TEMPORARY CABLE PLAN

PRECONSRUCTION AND STAGE I



TEMPORARY CABLE PLAN

STAGES 2A, 2B, 2C, 2D

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	9		17	0.50	76.50
(YELLOW)	9		25	0.25	56.25
(GREEN)	9		15	0.25	33.75
ARROW	4		12	0.25	12
CONTROLLER	1	100		1.00	100.0
VIDEO SYSTEM	1	150		1.00	150.0
				TOTAL =	428.50

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAY/DISTRICT 1

201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

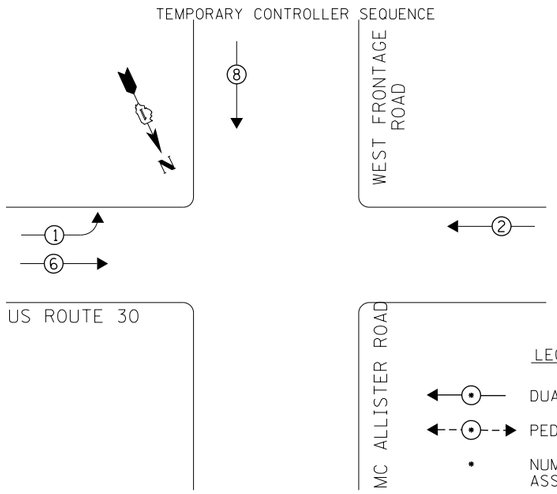
ENERGY SUPPLY: CONTACT: STEVE FITZGERALD

PHONE: (708) 235-2327

COMPANY: COMED

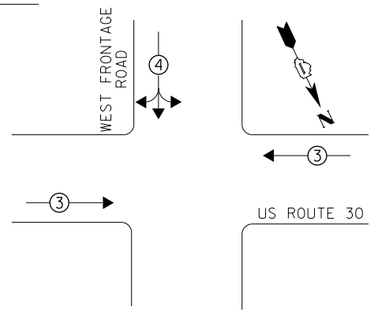
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

DURING STAGES 1, 2A, 2B, 2C AND 2D, THE VIDEO CAMERAS SHOULD BE RELOCATED DURING EACH STAGE



TEMPORARAY PHASE DESIGNATION DIAGRAM

STAGES 1, 2A, 2B, 2C, 2D



EMERGENCY VEHICLE PREEMPTION SEQUENCE

STAGE 1, 2A, 2B, 2C, 2D

PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↓

PLAN

SURVEYED — DATE
PLOTTED — BY
PLOT CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
C400 FILE NAME
NOTE BOOK
NO.

PROFILE

SURVEYED — DATE
PLOTTED — BY
PLOT CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

FILE PATH = G:\CH12\2012\Road\Sheets\TRAFFIC SIGNALS - SE3\D160P95-SHT-TS-WF-07-TEMPCABLEPLAN_WFRONT01.dgn.dgn

Tran Systems

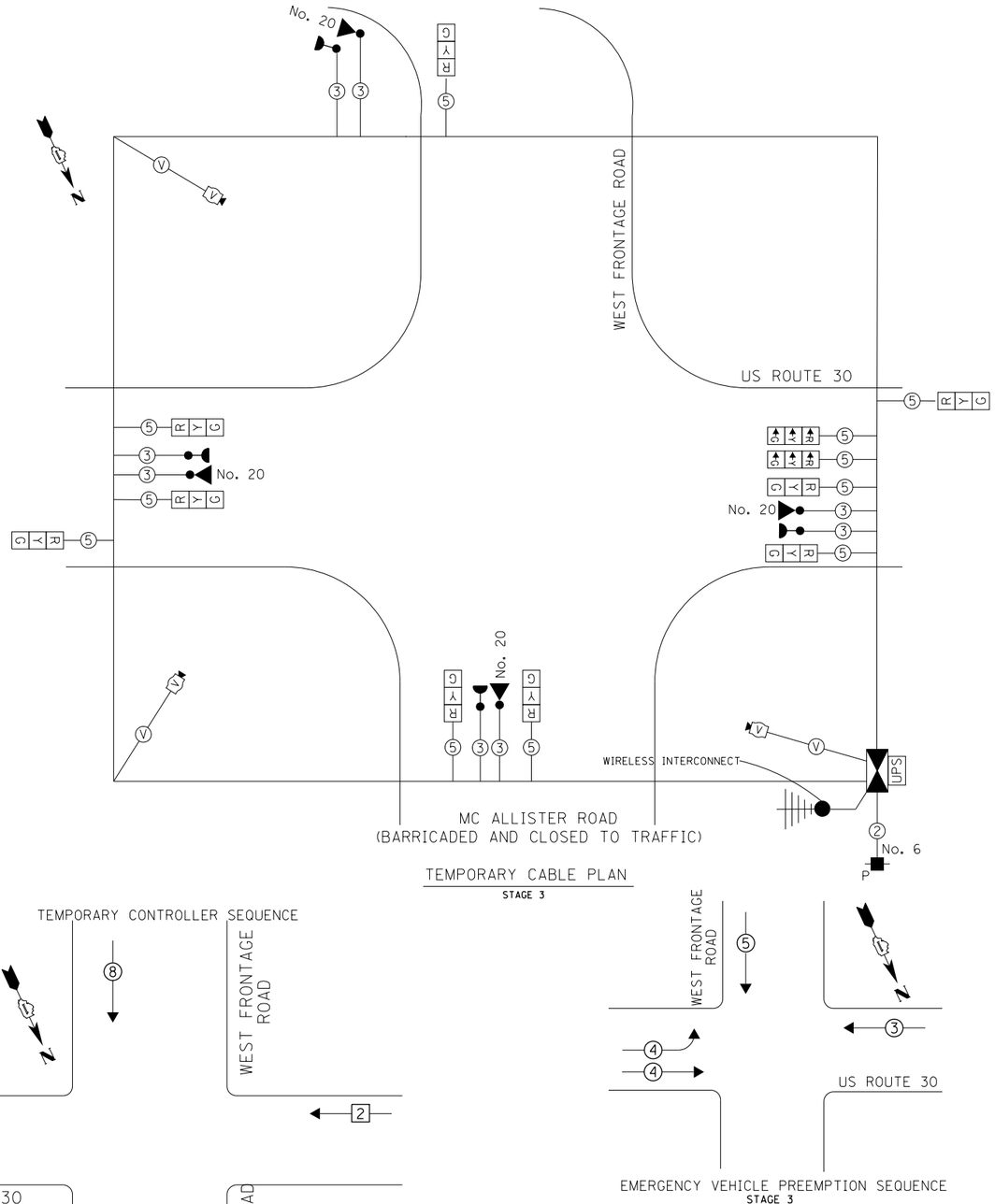
USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-TS-WF-07-TEMPCABLEPLAN_WFRONT01.dgn.dgn	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY PHASE DESIGNATION DIAGRAM, TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
U.S RTE. 30 & WEST FRONTAGE ROAD (STAGES 1, 2A, 2B, 2C & 2D)

SCALE: | SHEET NAME: TS-WF-08 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5775	14W - R	WILL	681	347
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	11		17	0.50	93.50
(YELLOW)	11		25	0.25	68.75
(GREEN)	11		15	0.25	41.25
ARROW	0		12	0.25	0
CONTROLLER	1	100		1.00	100.0
VIDEO SYSTEM	1	150		1.00	150.0
				TOTAL =	453.50

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: STEVE FITZGERALD
PHONE: (708) 235-2327
COMPANY: COMED

THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			

PLAN: SURVEYED — PLOTTED — DRAWN — CHECKED — NOTE BOOK — NO. ____ — ALIGNMENT CHECKED — RT. OF WAY CHECKED — C400 FILE NAME — BY — DATE

PROFILE: SURVEYED — PLOTTED — DRAWN — CHECKED — NOTE BOOK — NO. ____ — B.M. NOTED — STRUCTURE NOTATNS CHKD — BY — DATE

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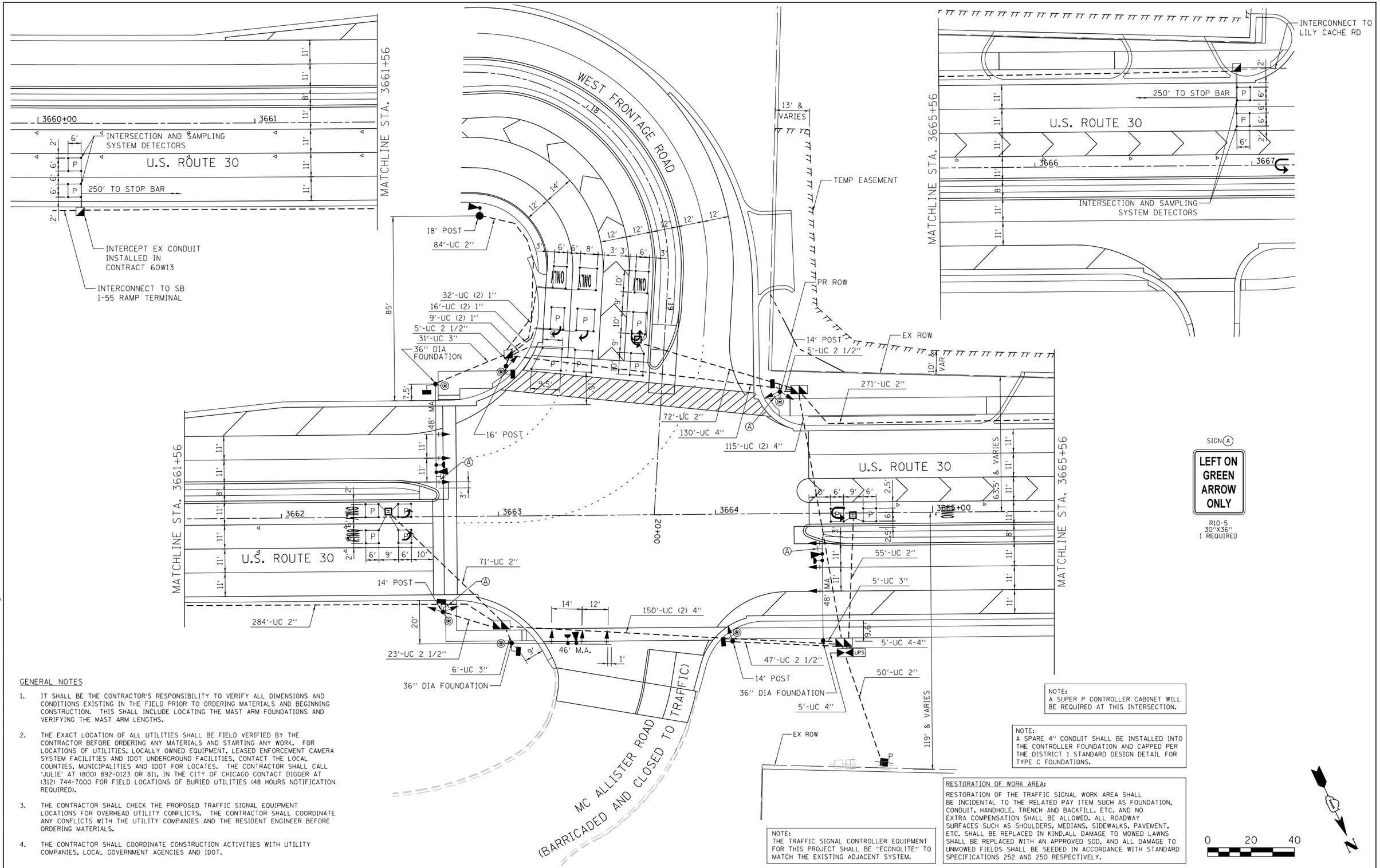
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY PHASE DESIGNATION DIAGRAM, TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE U.S RTE. 30 & WEST FRONTAGE ROAD (STAGE 3)

SCALE: | SHEET NAME: TS-WF-09 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5575	14W - R	WILL	681	348
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.

2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

NOTE:
A SUPER P CONTROLLER CABINET WILL BE REQUIRED AT THIS INTERSECTION.

NOTE:
A SPARE 4" CONDUIT SHALL BE INSTALLED INTO THE CONTROLLER FOUNDATION AND CAPPED PER THE DISTRICT 1 STANDARD DESIGN DETAIL FOR TYPE C FOUNDATIONS.

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

PLAN — SURVEYED | PLOTTED | DRAWN | CHECKED | QUANTITIES CHECKED | RT. OF WAY CHECKED | NOTE BOOK | NO. | CADD FILE NAME | BY | DATE

PROFILE — SURVEYED | PLOTTED | DRAWN | CHECKED | B.M. NOTED | STRUCTURE NO | TAIL TRK CHKD

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FILE = D160P95-SHT-TS-WF-09-SIGNPLAN_WFRONT.dgn	DRAWN -		REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -		REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014		REVISED -

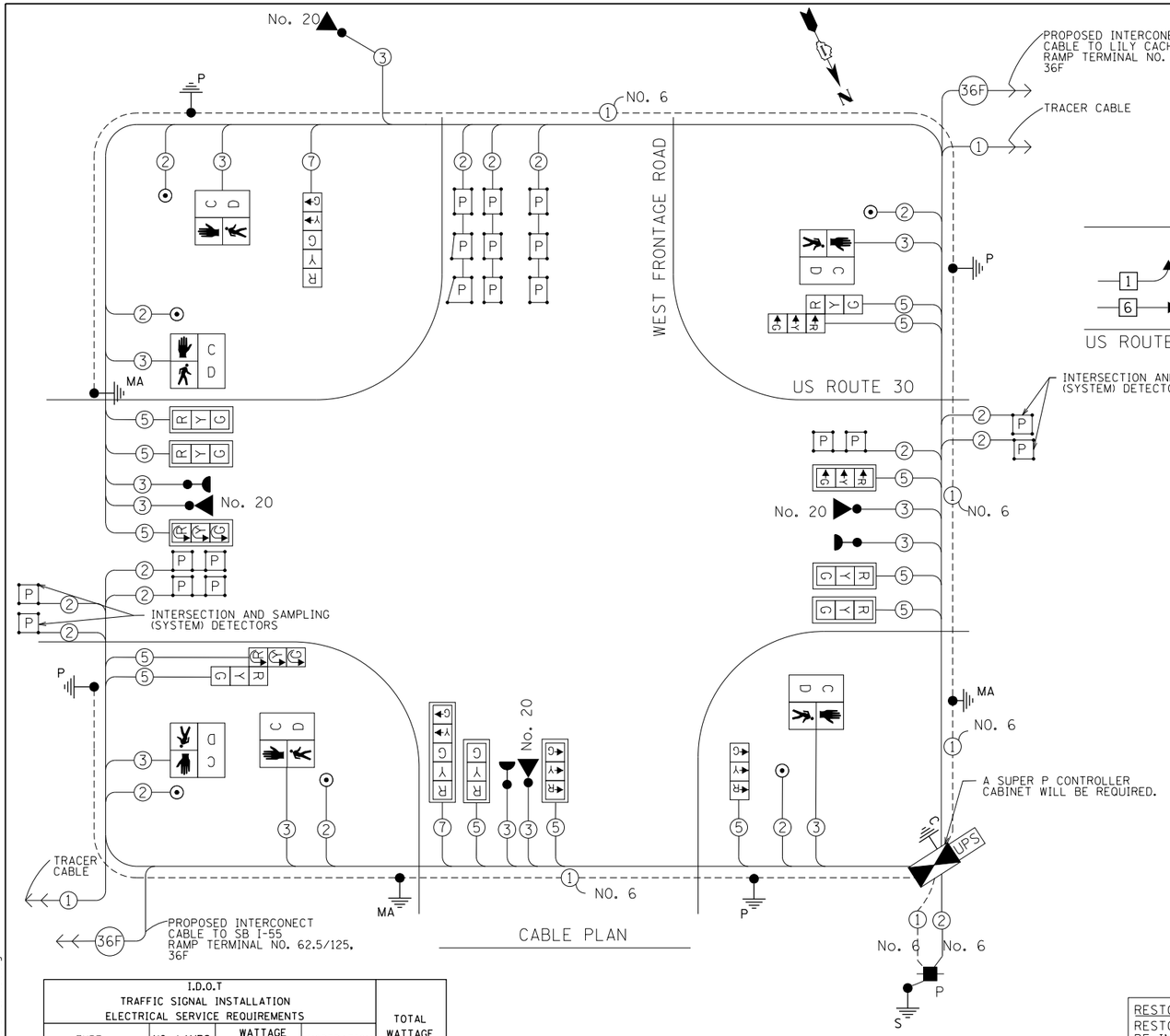
TranSystems

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
U.S. RTE. 30 AT WEST FRONTAGE ROAD

SCALE: 1"=20' | SHEET NAME: TS-WF-10 | STA. | TO STA.

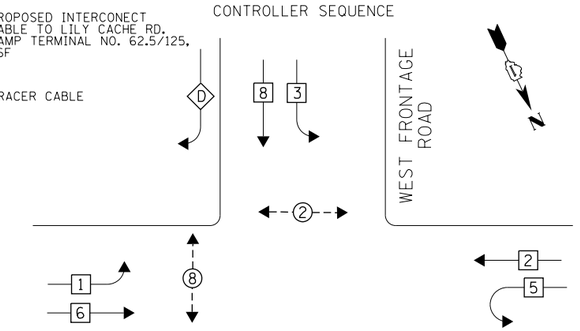
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	349
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



CABLE PLAN

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

CONTROLLER SEQUENCE



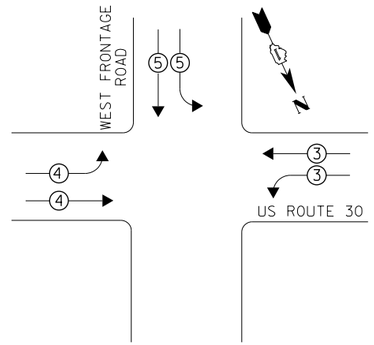
PHASE DESIGNATION DIAGRAM

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
D	=	8	+	1

LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OL OVERLAP
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			

I.D.O.T
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE (INCAND.)	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15		17	0.50	229.5
(YELLOW)	15		25	0.25	168.75
(GREEN)	15		15	0.25	101.25
ARROW	4		12	0.33	15.84
PED. SIGNAL	6		25	1.00	150.0
CONTROLLER	1	100		1.00	100.0
				TOTAL =	765.34

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY: CONTACT: STEVE FITZGERALD
PHONE: (708) 235-2327
COMPANY: COMED

NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811.

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

SCHEDULE OF QUANTITIES

DESCRIPTION	QUANTITIY	UNIT
SIGN PANEL - TYPE 1	22.5	SQ.FT
SIGN PANEL - TYPE 2	35	SQ.FT
SERVICE INSTALLATION, TYPE C	1	EACH
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	887	FOOT
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	82	FOOT
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	42	FOOT
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	685	FOOT
HANDHOLE	3	EACH
HEAVY-DUTY HANDHOLE	3	EACH
DOUBLE HANDHOLE	3	EACH
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	1	EACH
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	1301	FOOT
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	2465	FOOT
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	2788	FOOT
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	545	FOOT
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	3221	FOOT
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	173	FOOT
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	1284	FOOT
TRAFFIC SIGNAL POST, 14 FT.	3	EACH
TRAFFIC SIGNAL POST, 16 FT.	1	EACH
TRAFFIC SIGNAL POST, 18 FT.	1	EACH
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	1	EACH
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	2	EACH
CONCRETE FOUNDATION, TYPE A	20	FOOT
CONCRETE FOUNDATION, TYPE C	4	FOOT
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	39	FOOT
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	8	EACH
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	1	EACH
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	1	EACH
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	1	EACH
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	2	EACH
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	6	EACH
TRAFFIC SIGNAL BACKPLATE	9	EACH
INDUCTIVE LOOP DETECTOR	10	EACH
PREFORMED DETECTOR LOOP	739	FOOT
LIGHT DETECTOR	4	EACH
LIGHT DETECTOR AMPLIFIER	1	EACH
PEDESTRIAN PUSH-BUTTON	6	EACH
TEMPORARY TRAFFIC SIGNAL INSTALLATION	1	EACH
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	1	EACH
REMOVE EXISTING HANDHOLE	9	EACH
REMOVE EXISTING CONCRETE FOUNDATION	8	EACH
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	1	EACH
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	1126	FOOT
TEMPORARY TRAFFIC SIGNAL TIMING	1	EACH

PLAN — SURVEYED / PLOTTED / CHECKED / B.M. NOTED / STRUCTURE NO. ____ / NOTE BOOK / DRAWN / CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / BY / DATE

PROFILE — SURVEYED / PLOTTED / CHECKED / B.M. NOTED / STRUCTURE NO. ____ / NOTE BOOK

FILE PATH = G:\CH12\0012\Road\Sheets\TRAFFIC SIGNALS - SE3\D160P95-SHT-TS-WF-10-CABLEPLAN_WFRONT.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED -	REVISED -
FILE = D160P95-SHT-TS-WF-10-CABLEPLAN_WFRONT	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE. 30 AT WEST FRONTAGE ROAD – CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES

SCALE: | SHEET NAME: TS-WF-11 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5775	14W - R	WILL	681	350
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.

2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.

3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12'' (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.

4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES AND RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.

5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.

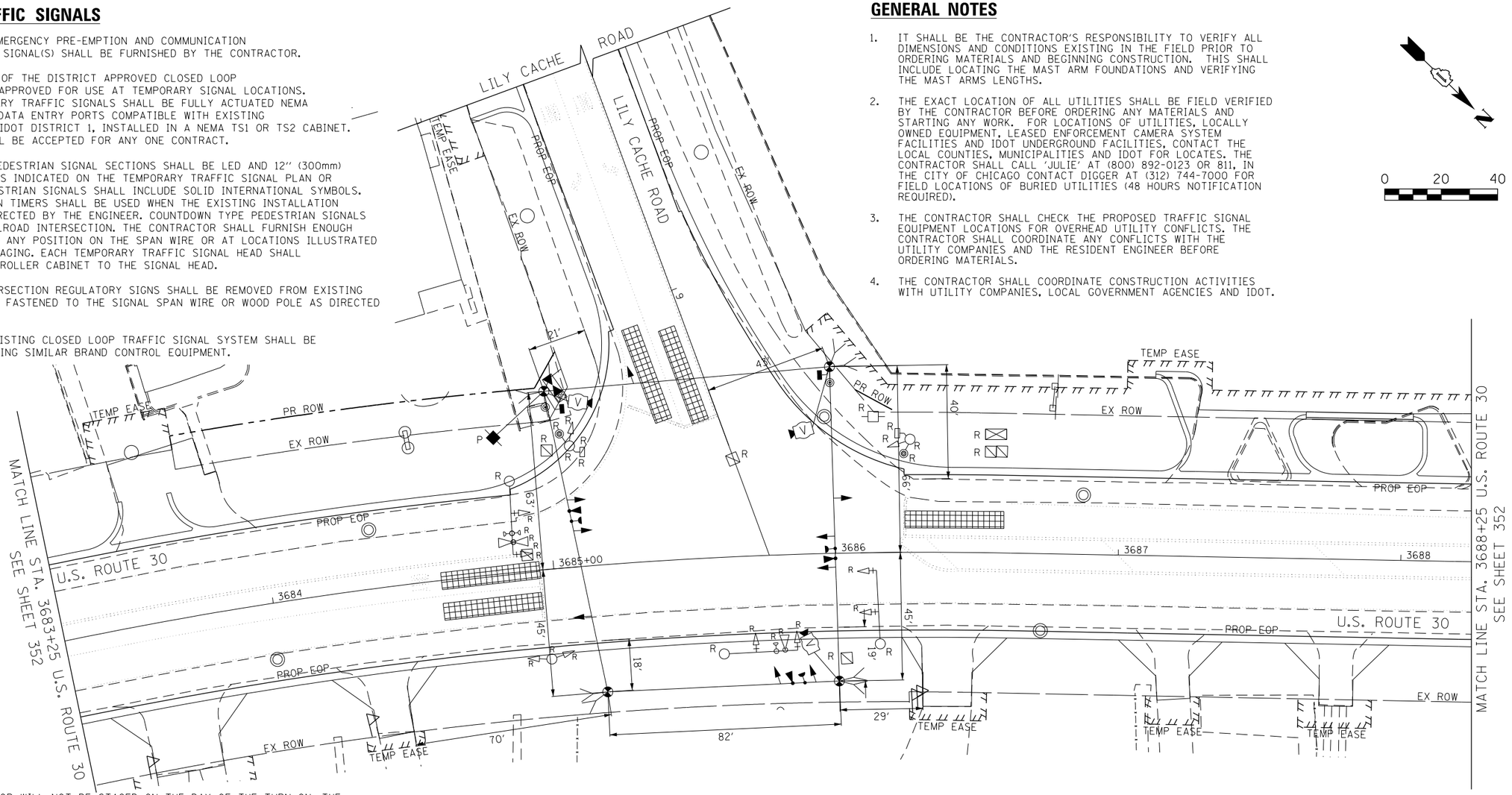
GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.

2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



6. IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON, THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL AT THE TIME OF THE TURN-ON.

7. UNINTERUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.

8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.

9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.

10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

REMOVAL NOTES

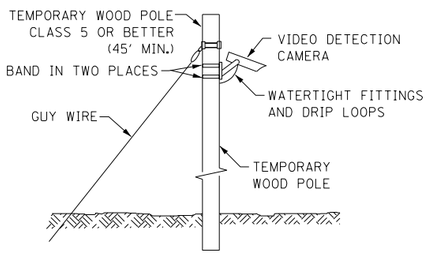
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: VILLAGE OF PLAINFIELD

2	EACH	LIGHT DETECTOR
2	EACH	CONFIRMATION BEACON
1	EACH	LIGHT DETECTOR AMPLIFIER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	CONTROLLER AND CABINET (COMPLETE)
10	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
2	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
6	EACH	BACKPLATE
3	EACH	STEEL MAST ARM AND POLE
3	EACH	SIGNAL POST
1	EACH	ELECTRICAL SERVICE



TEMPORARY VIDEO DETECTION MOUNTING DETAIL

(NOT TO SCALE)

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE ''ECONOLITE'' TO MATCH THE EXISTING ADJACENT SYSTEM

RESTORATION OF WORK AREA:

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

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PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT LILY CACHE ROAD
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (1 OF 2)

SCALE: 1''=20' | SHEET NAME: TS-LC-01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	351
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

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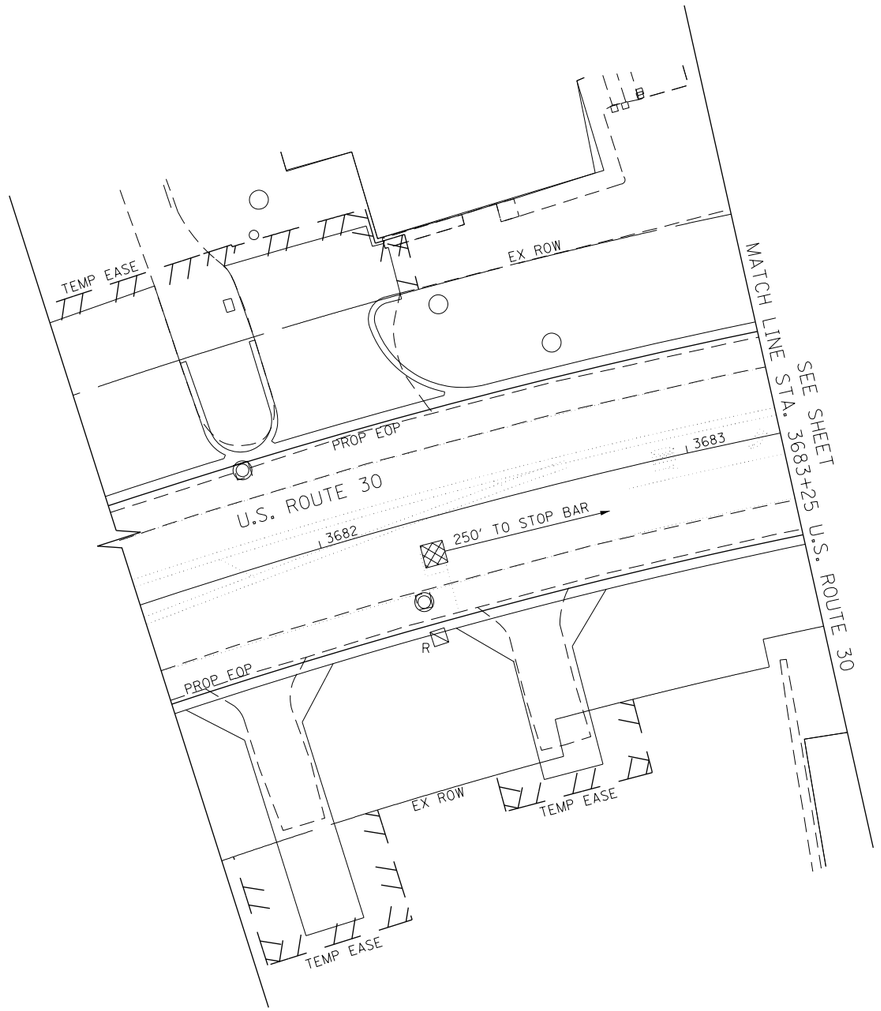
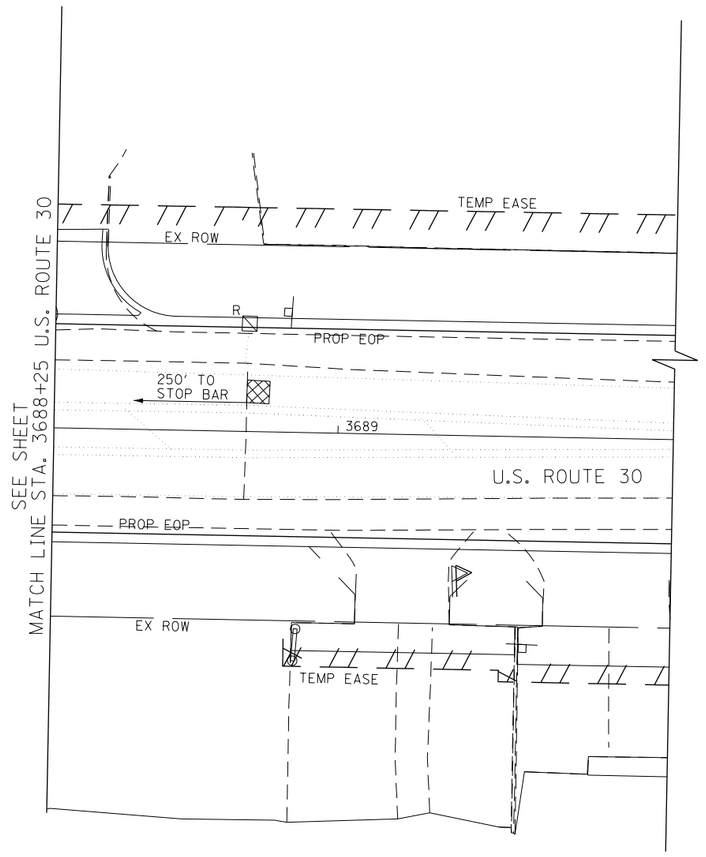
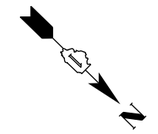
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.







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PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -

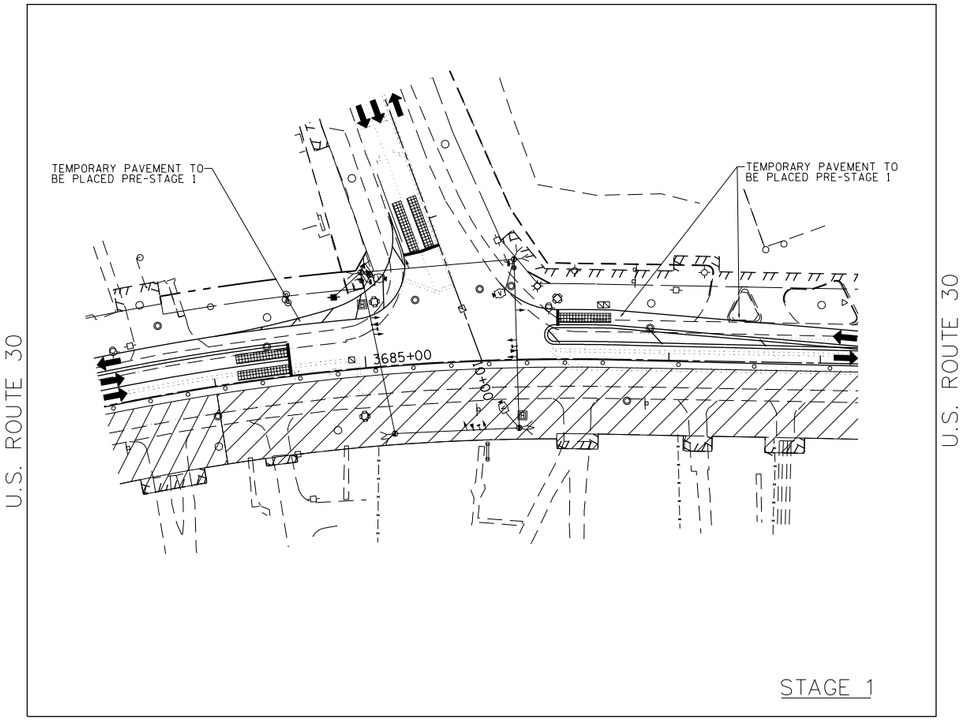
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT LILY CACHE ROAD
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (2 OF 2)

SCALE: 1"=20' | SHEET NAME: TS-LC-02

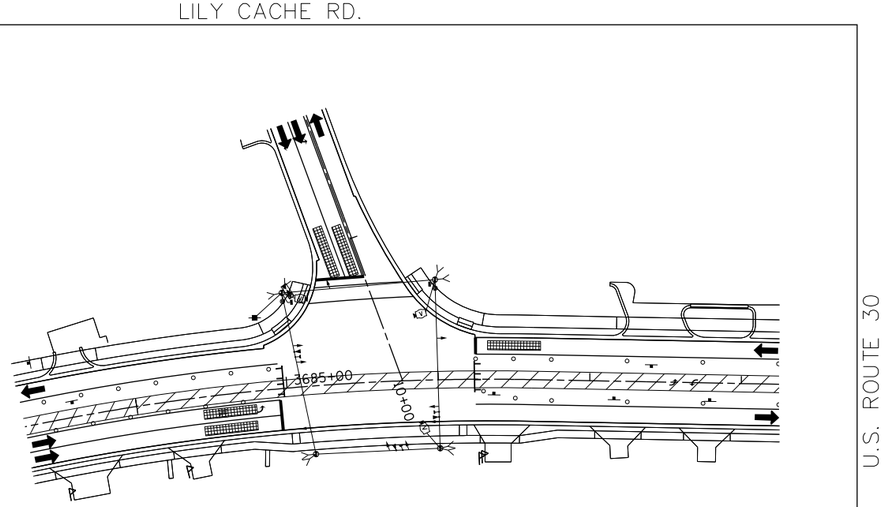
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	352
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

LILY CACHE RD.



STAGE 1

LILY CACHE RD.



STAGE 3

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

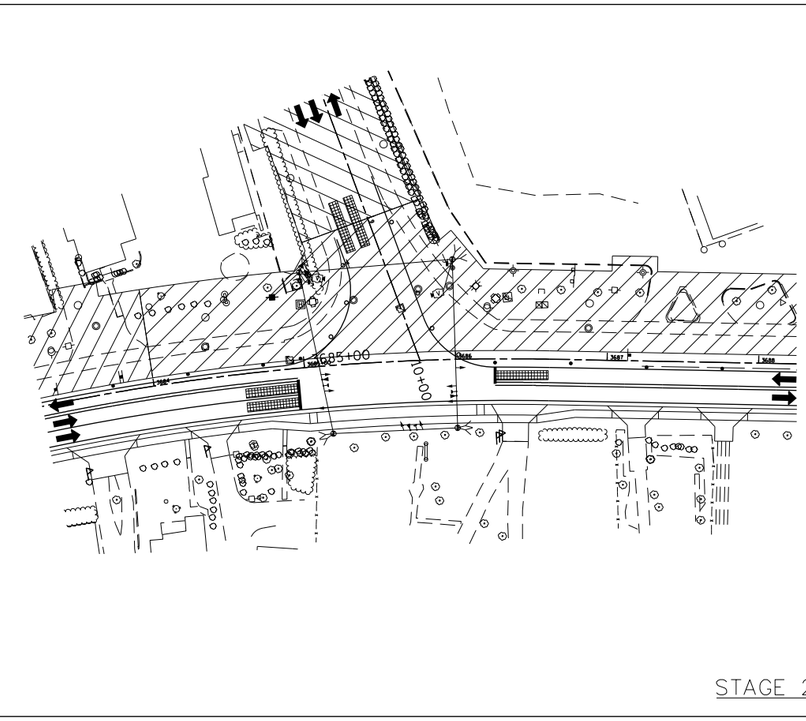
N

0 50 100

LEGEND

- CONSTRUCTION WORK ZONE
- COMPLETED PAVEMENT
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED DURING OR AFTER STAGE 1
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DIRECTION OF TRAFFIC FLOW

LILY CACHE RD.



STAGE 2

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PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -	

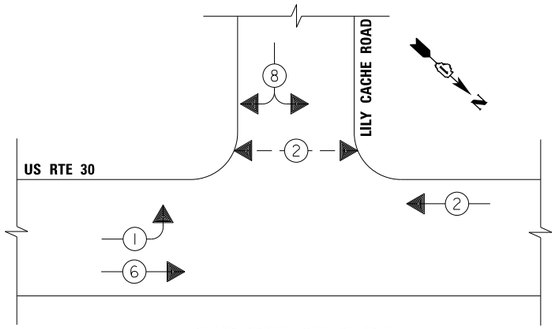
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT LILY CACHE ROAD
TEMPORARY TRAFFIC SIGNAL STAGING

SCALE: 1"=50' | SHEET NAME: TS-LC-03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	353
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

LEGEND

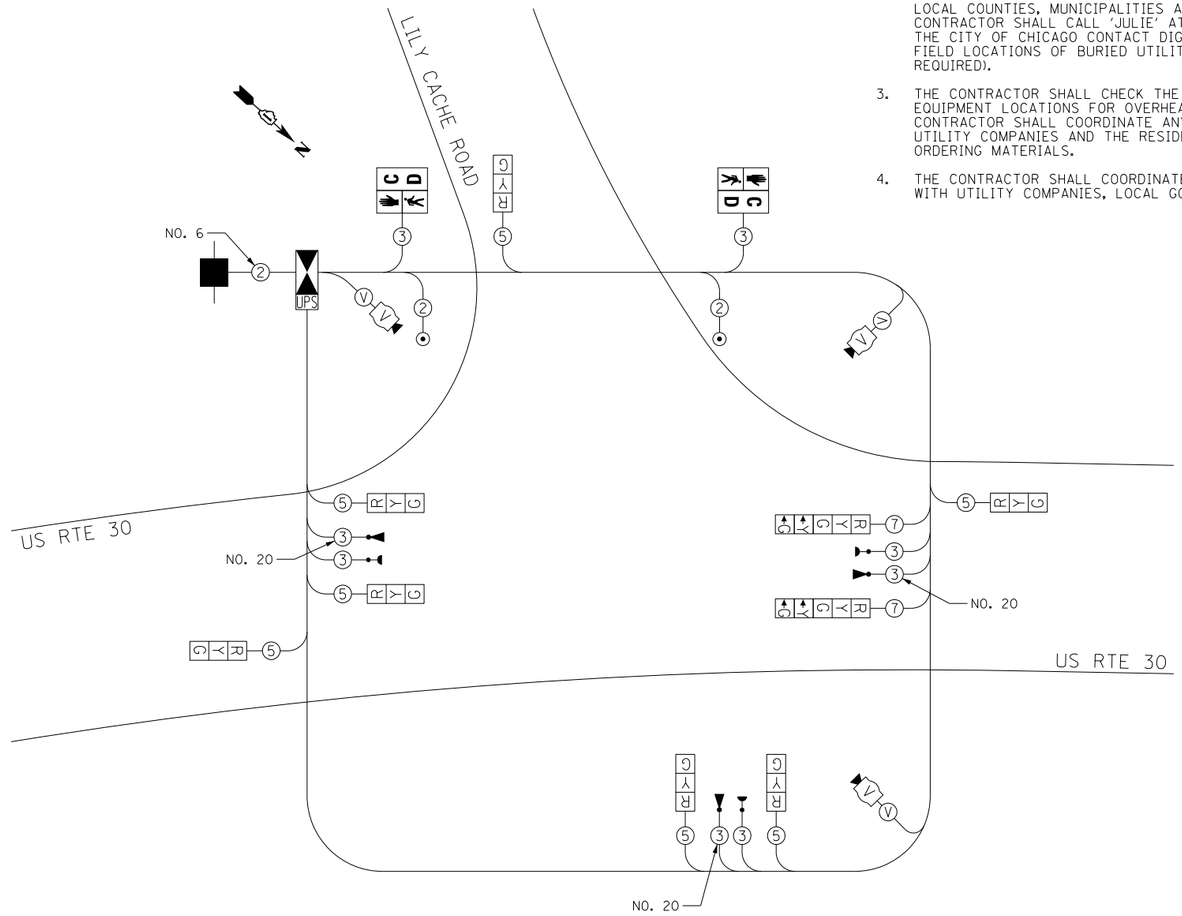
- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP
- ✳ NUMBER REFERS TO ASSOCIATED PHASE

EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	← →	⊥ →

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	9	135	17	0.50	77
(YELLOW)	9	135	25	0.25	57
(GREEN)	9	135	15	0.25	34
ARROW	4	135	12	0.10	5
ARROW		135	12	0.33	
PED. SIGNAL	2	90	25	1.00	50
CONTROLLER	1	100		1.00	100
ILLUMIN. SIGN		84	90	0.50	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	473

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY CONTACT: STEVE FITZGERALD
PHONE: (708) 235-2327
COMPANY: COMMONWEALTH EDISON



SIGNAL HEADS SHALL BE SHIFTED ALONG TEMPORARY SIGNAL SPAN WIRE AS APPLICABLE TO THE ASSOCIATED MOT STAGE.

TEMPORARY CABLE PLAN
NOT TO SCALE

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT LILY CACHE ROAD
TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM

SCALE: N.T.S. | SHEET NAME: TS-LC-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	354
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

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NOTE:
A SUPER P CONTROLLER CABINET WILL BE REQUIRED AT THIS INTERSECTION.

NOTE:
A SPARE 4" CONDUIT SHALL BE INSTALLED INTO THE CONTROLLER FOUNDATION AND CAPPED PER THE DISTRICT 1 STANDARD DESIGN DETAIL FOR TYPE C FOUNDATIONS.

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
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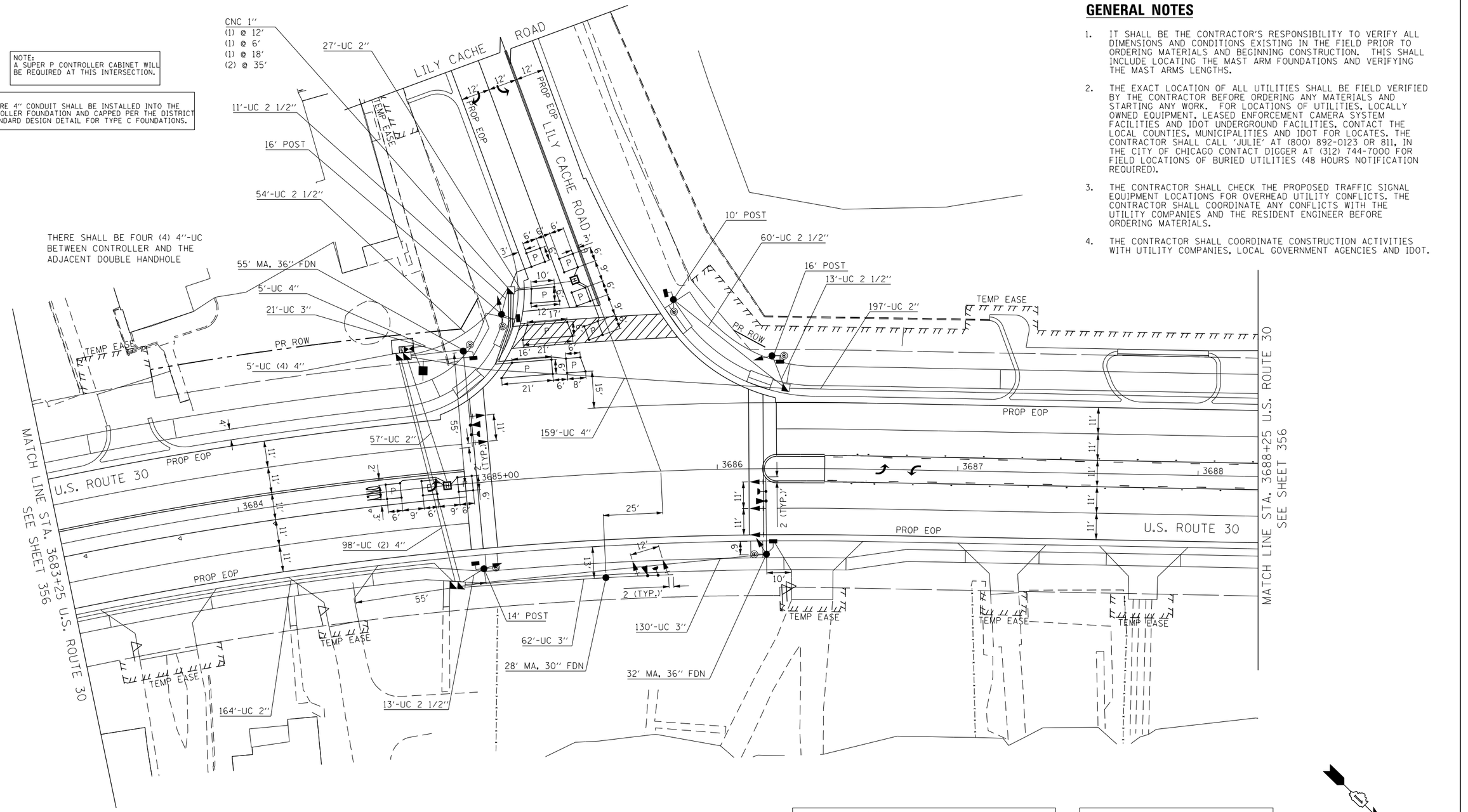

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PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT LILY CACHE ROAD
TRAFFIC SIGNAL INSTALLATION PLAN (1 OF 2)

SCALE: 1"=20' | SHEET NAME: TS-LC-05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	355
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

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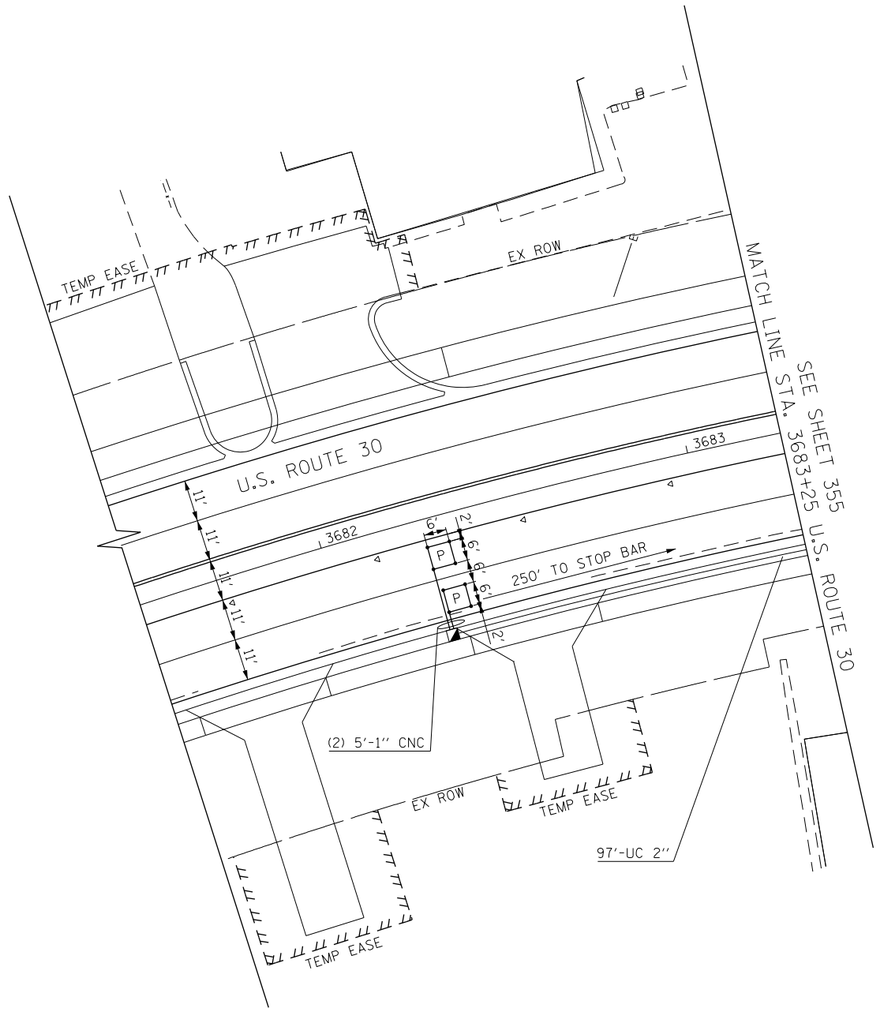
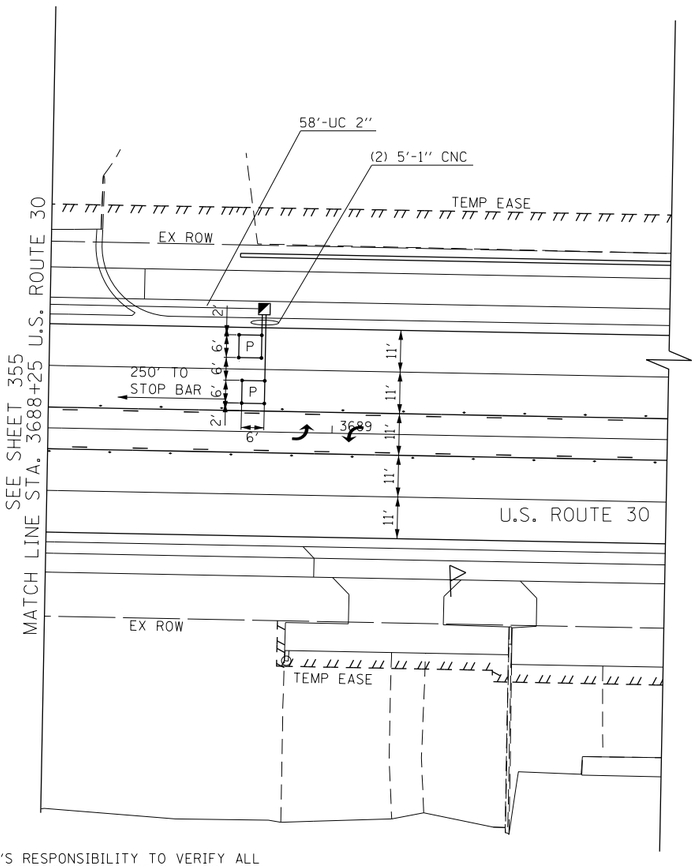
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.





GENERAL NOTES

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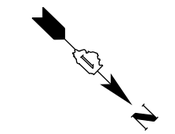

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TranSystems

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PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -

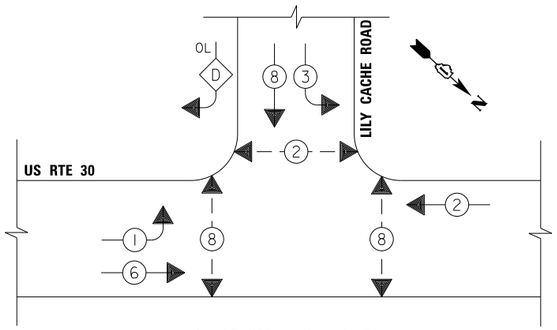
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT LILY CACHE ROAD
TRAFFIC SIGNAL INSTALLATION PLAN (2 OF 2)

SCALE: 1"=20' | SHEET NAME: TS-LC-06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	356
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

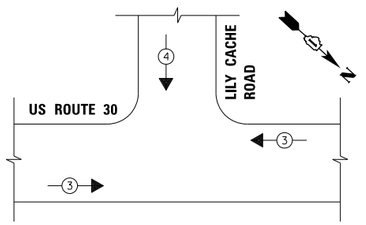
PROPOSED CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
D	=	8	+	1

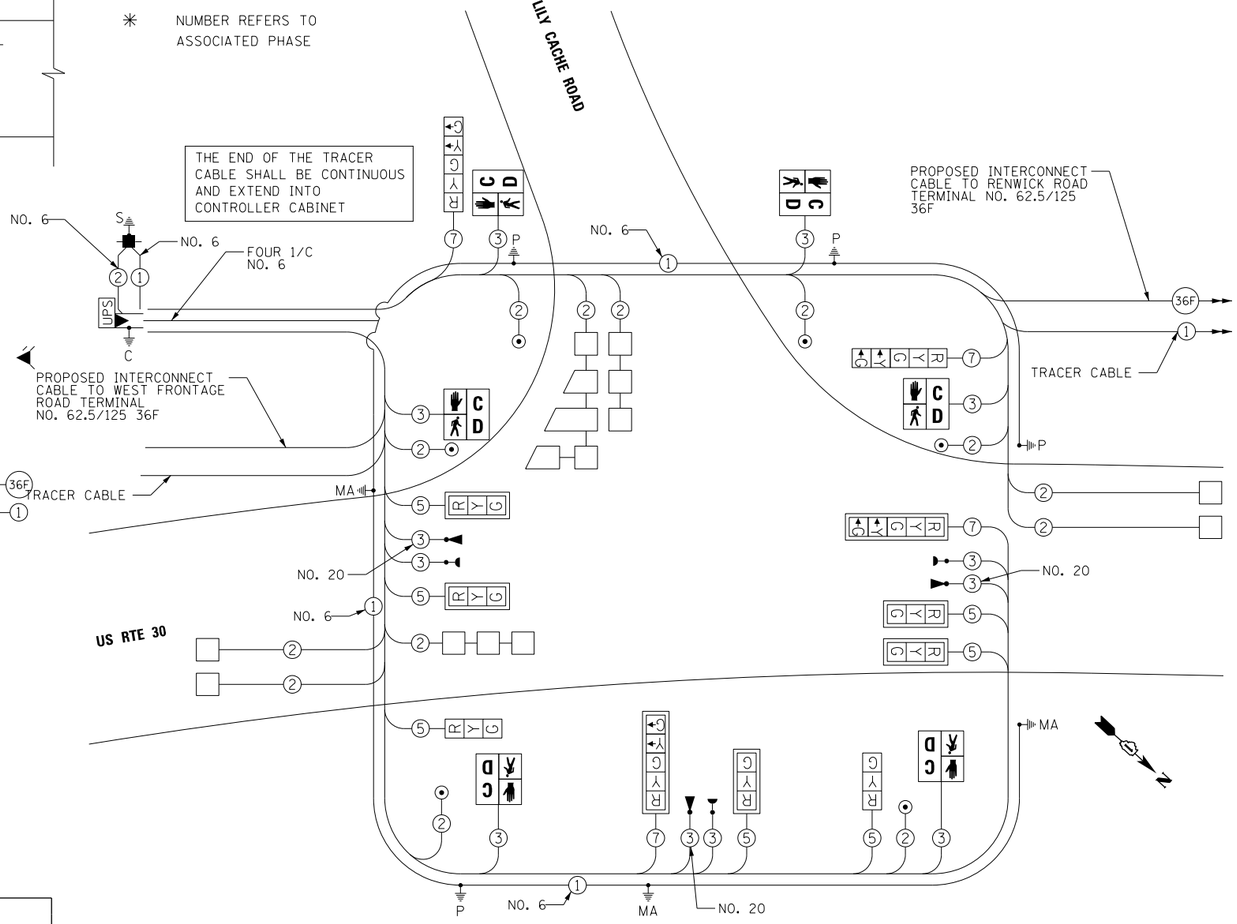
EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	← →	↓

LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP
- ✳ — NUMBER REFERS TO ASSOCIATED PHASE



CABLE PLAN
NOT TO SCALE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	11	135	17	0.50	93.5
(YELLOW)	11	135	25	0.25	68.75
(GREEN)	11	135	15	0.25	41.25
ARROW	8	135	12	0.10	9.6
ARROW		135	12	0.33	
PED. SIGNAL	6	90	25	1.00	150
CONTROLLER	1	100		1.00	100
ILLUMIN. SIGN	3	84	90	0.50	135
VIDEO SYSTEM		150		1.00	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	598.1

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY CONTACT: STEVE FITZGERALD
PHONE: (708) 235-2327
COMPANY: COMMONWEALTH EDISON

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

SCHEDULE OF QUANTITIES

DESCRIPTION	QUANTITIY	UNIT
SIGN PANEL - TYPE 1	27	SQ FT
SERVICE INSTALLATION, TYPE C	1	EACH
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	607	FOOT
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	121	FOOT
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	201	FOOT
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	350	FOOT
HANDHOLE	4	EACH
HEAVY-DUTY HANDHOLE	2	EACH
DOUBLE HANDHOLE	2	EACH
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	1	EACH
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	1116	FOOT
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	1147	FOOT
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	979	FOOT
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	931	FOOT
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	2020	FOOT
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	27	FOOT
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	750	FOOT
TRAFFIC SIGNAL POST, 10 FT.	1	EACH
TRAFFIC SIGNAL POST, 14 FT.	1	EACH
TRAFFIC SIGNAL POST, 16 FT.	2	EACH
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	1	EACH
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	1	EACH
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	1	
CONCRETE FOUNDATION, TYPE A	20	FOOT
CONCRETE FOUNDATION, TYPE C	4	FOOT
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	10	FOOT
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	26	FOOT
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	5	EACH
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	2	EACH
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	2	EACH
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	2	EACH
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	6	EACH
TRAFFIC SIGNAL BACKPLATE	7	EACH
INDUCTIVE LOOP DETECTOR	7	EACH
PREFORMED DETECTOR LOOP	700	FOOT
LIGHT DETECTOR	3	EACH
LIGHT DETECTOR AMPLIFIER	1	EACH
PEDESTRIAN PUSH-BUTTON	6	EACH
TEMPORARY TRAFFIC SIGNAL INSTALLATION	1	EACH
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	1	EACH
REMOVE EXISTING HANDHOLE	7	EACH
REMOVE EXISTING CONCRETE FOUNDATION	6	EACH
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	1	EACH
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	691	FOOT
TEMPORARY TRAFFIC SIGNAL TIMING	1	EACH

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

FILE PATH = G:\CH12\0012\Road\Sheets\TRAFFIC SIGNALS - SE3\D160P95-SHT-TS-LC-07-002_CAB 30LC.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - HJF	REVISED -
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PLOT SCALE = 40.0000 ' / in.	CHECKED - HJF	REVISED -
PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT LILY CACHE ROAD
CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NAME: TS-LC-07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	357
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.

2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.

3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.

4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES AND RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.

5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.

6. IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON, THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL AT THE TIME OF THE TURN-ON.

7. UNINTERUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.

8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.

9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.

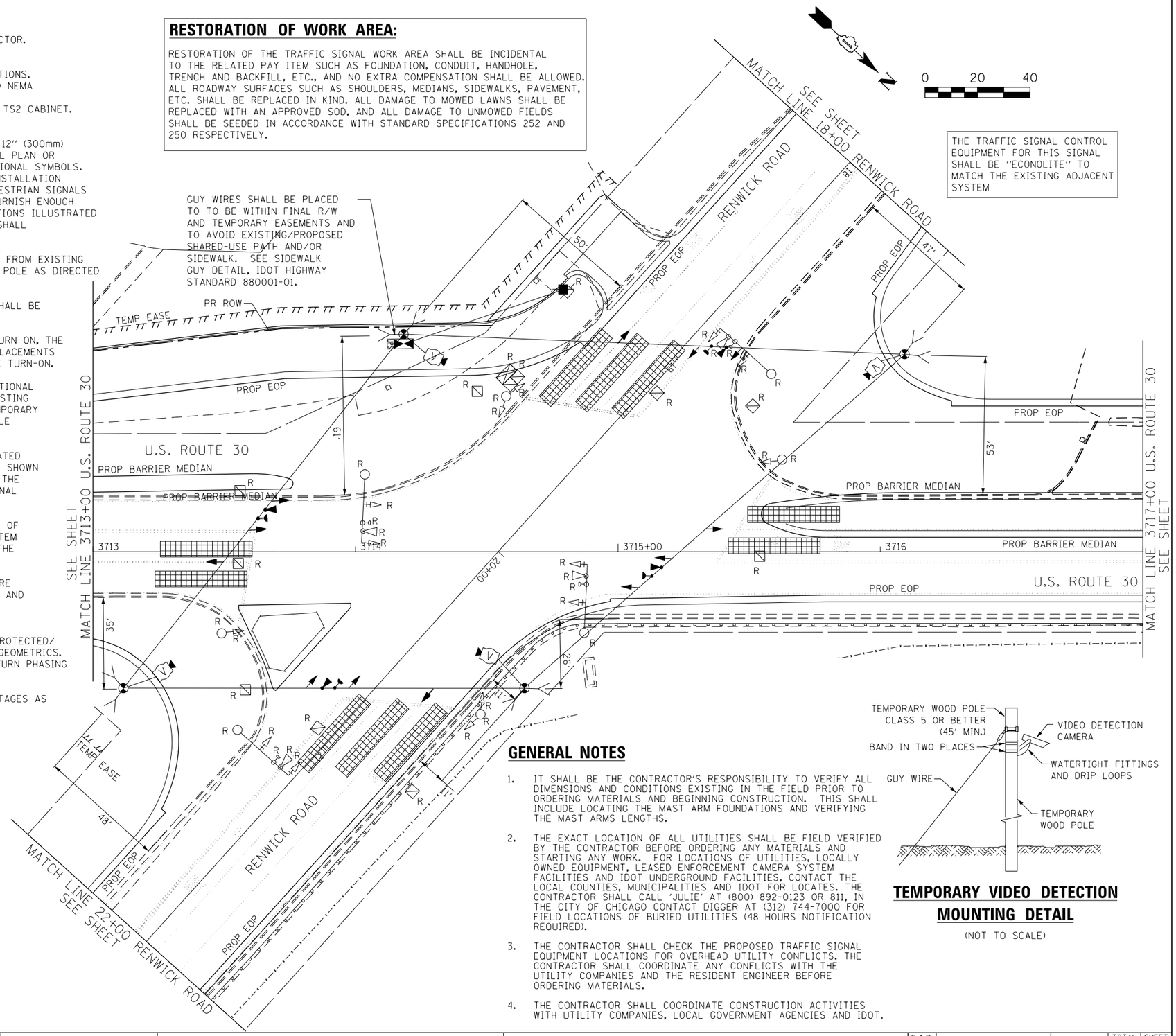
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

11. THE TEMPORARY TRAFFIC SIGNAL SHOULD BE DESIGNED AS A 2 STAGE SIGNAL, WITH PROTECTED/ PERMITTED LEFT TURN PHASING ON U.S. ROUTE 30 PRIOR TO OPENING OF THE FINAL GEOMETRICS. PRIOR TO OPENING TRAFFIC ONTO THE FINAL GEOMETRICS, THE u.s. ROUTE 30 LEFT TURN PHASING SHALL CHANGE TO PROTECTED ONLY.

12. CONTRACTOR TO RELOCATE SIGNAL HEADS AND CAMERAS DURING ALL CONSTRUCTION STAGES AS SHOWN ON SUBSEQUENT SHEETS.

RESTORATION OF WORK AREA:

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



REMOVAL NOTES

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: CITY OF PLAINFIELD

4	EACH	LIGHT DETECTOR
4	EACH	CONFIRMATION BEACON
1	EACH	LIGHT DETECTOR AMPLIFIER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	CONTROLLER AND CABINET (COMPLETE)
6	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
8	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
8	EACH	BACKPLATES
4	EACH	STEEL MAST ARM AND POLE
4	EACH	SIGNAL POST
1	EACH	ELECTRICAL SERVICE

GENERAL NOTES

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2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

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4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

TEMPORARY VIDEO DETECTION MOUNTING DETAIL

(NOT TO SCALE)

FILE PATH = G:\CH12\2012\Road\Sheets\TRAFFIC SIGNALS - SE3\D160P95-SHT-TS-R-01-001A_TEMP 30R.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - HJF	REVISED -	
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PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT RENWICK ROAD
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (1 OF 2)

SCALE: 1"=20' | SHEET NAME: TS-REN-01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	358
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

RESTORATION OF WORK AREA:
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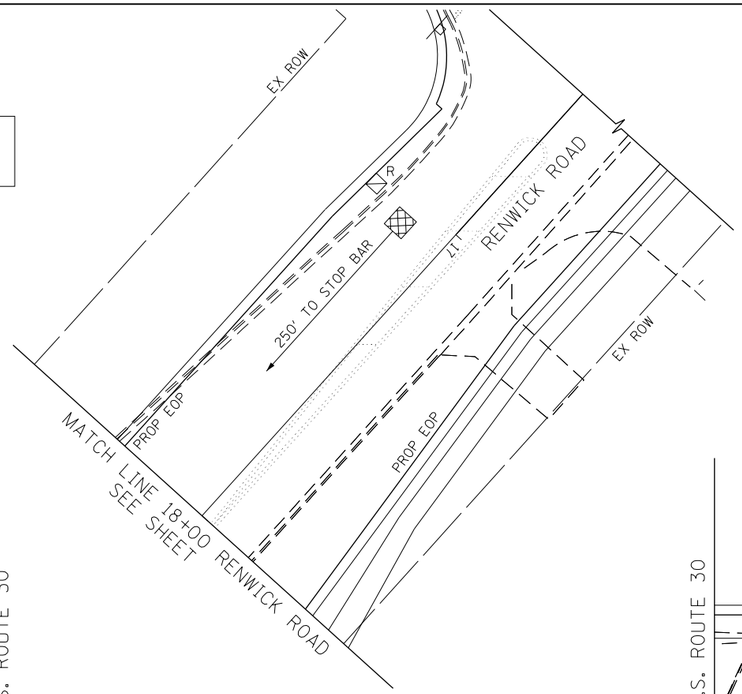
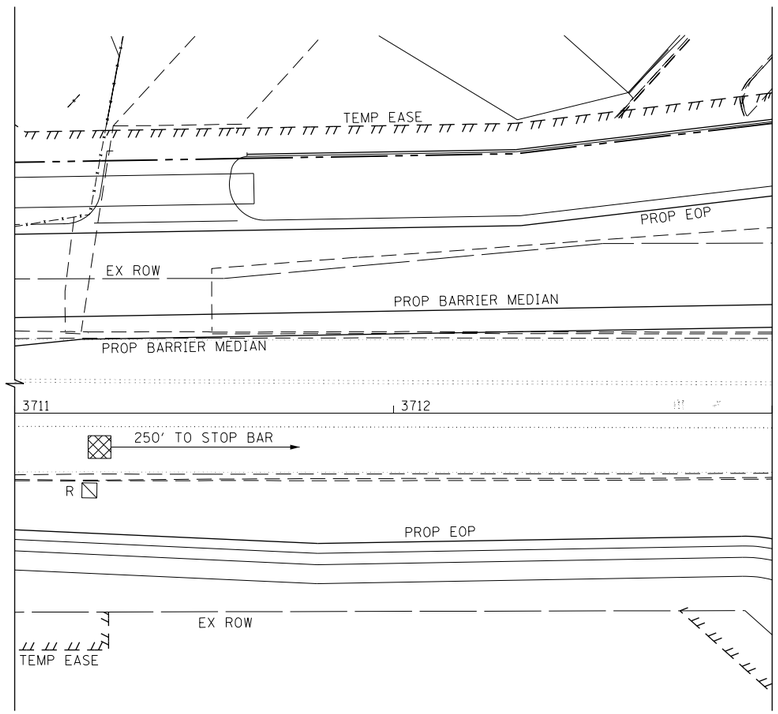
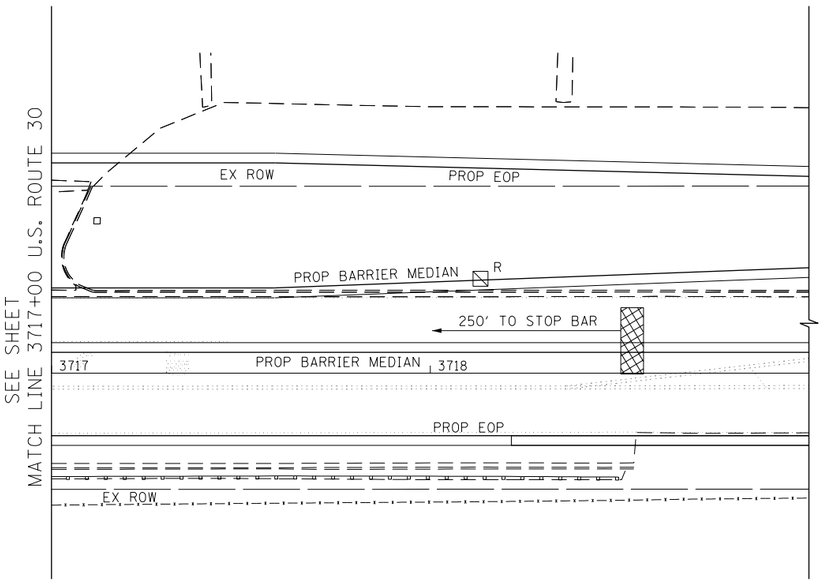
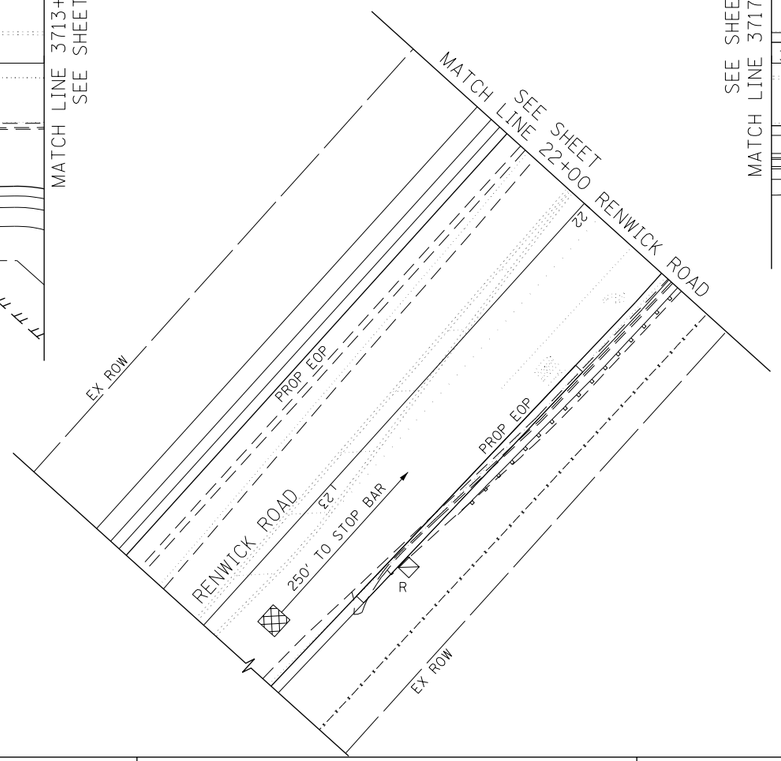
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.









GENERAL NOTES

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4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

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TranSystems

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PLOT SCALE = 40.0000 ' / in.	CHECKED - HJF	REVISED -	
PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -	

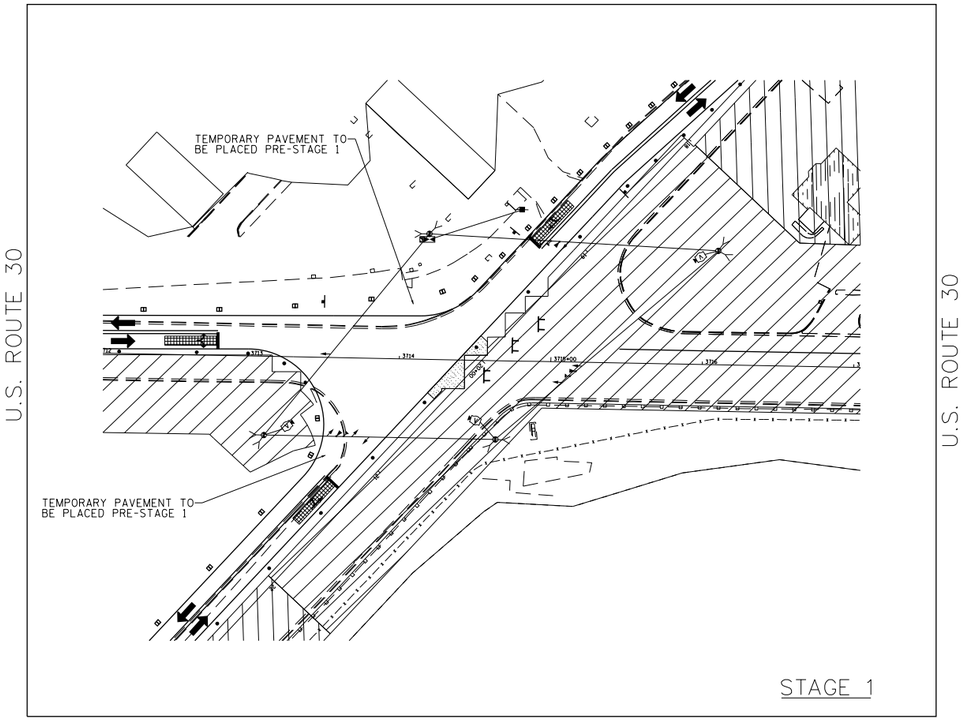
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT RENWICK ROAD
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (2 OF 2)

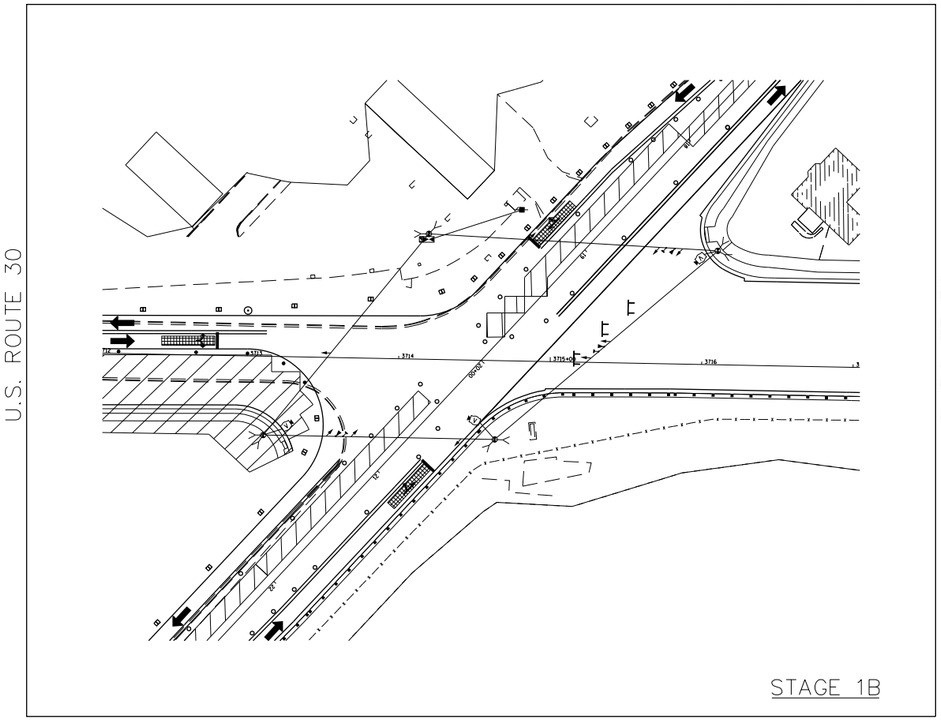
SCALE: 1"=20' | SHEET NAME: TS-REN-02

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	359
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

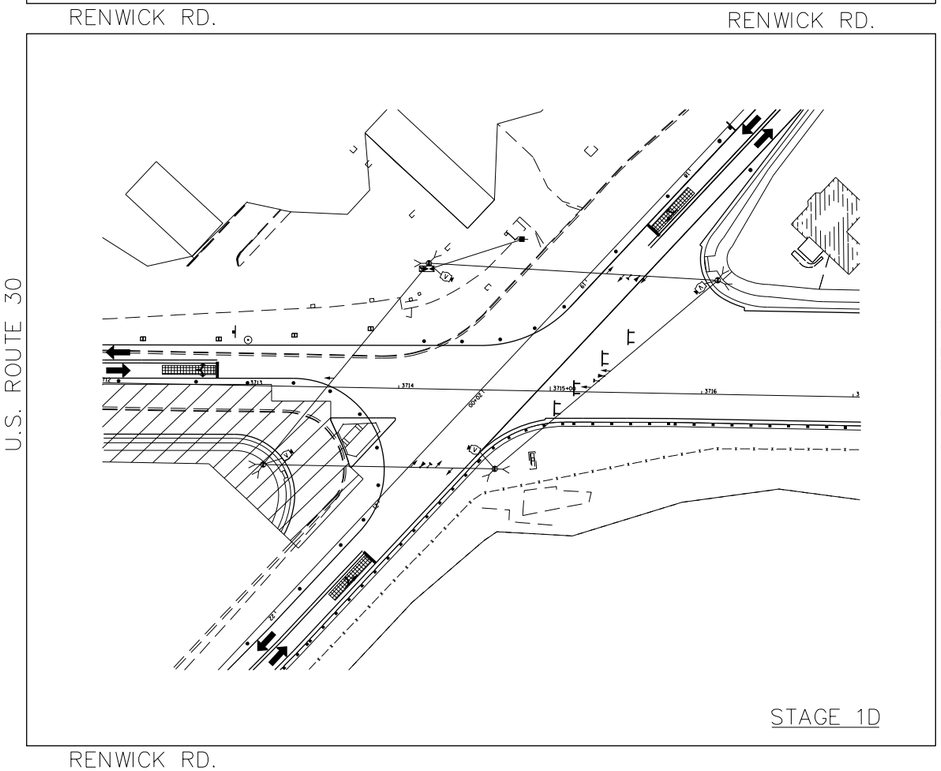


STAGE 1

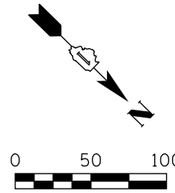


STAGE 1B

STAGE 1C



STAGE 1D



LEGEND

- CONSTRUCTION WORK ZONE
- COMPLETED PAVEMENT
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED DURING OR AFTER STAGE 1
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DIRECTION OF TRAFFIC FLOW

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TranSystems

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PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -

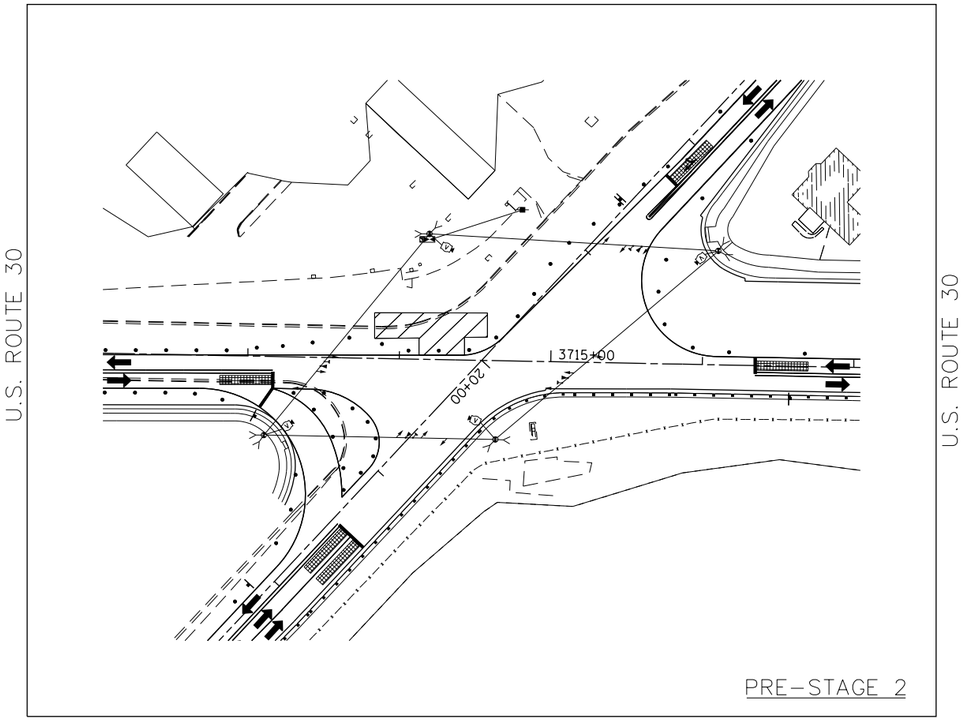
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT RENWICK ROAD
TEMPORARY TRAFFIC SIGNAL STAGING

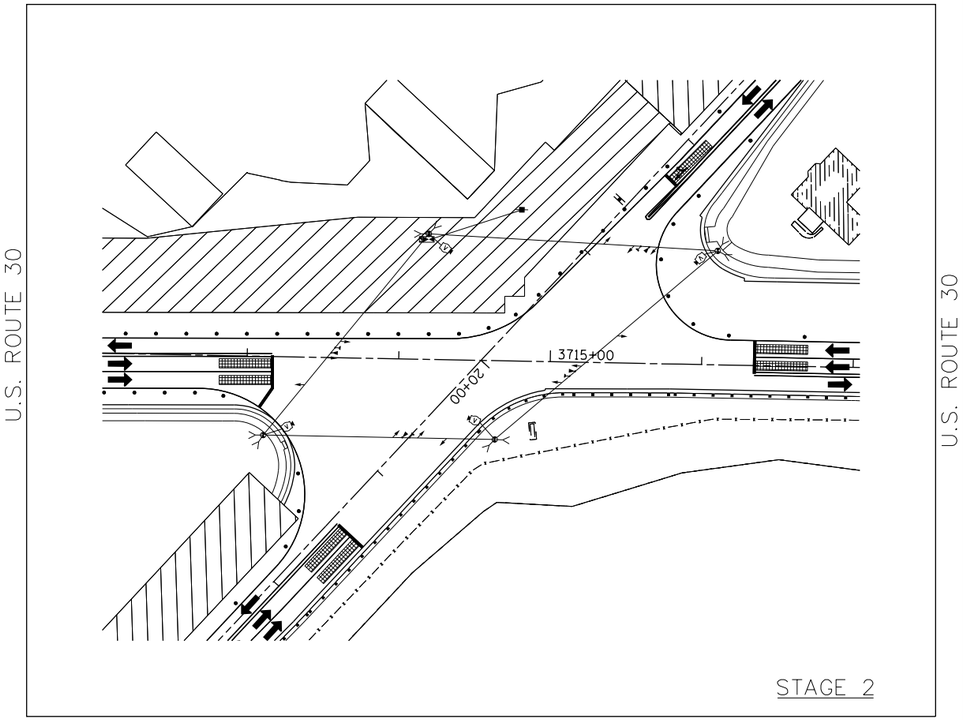
SCALE: 1"=50' | SHEET NAME: TS-REN-03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	360
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

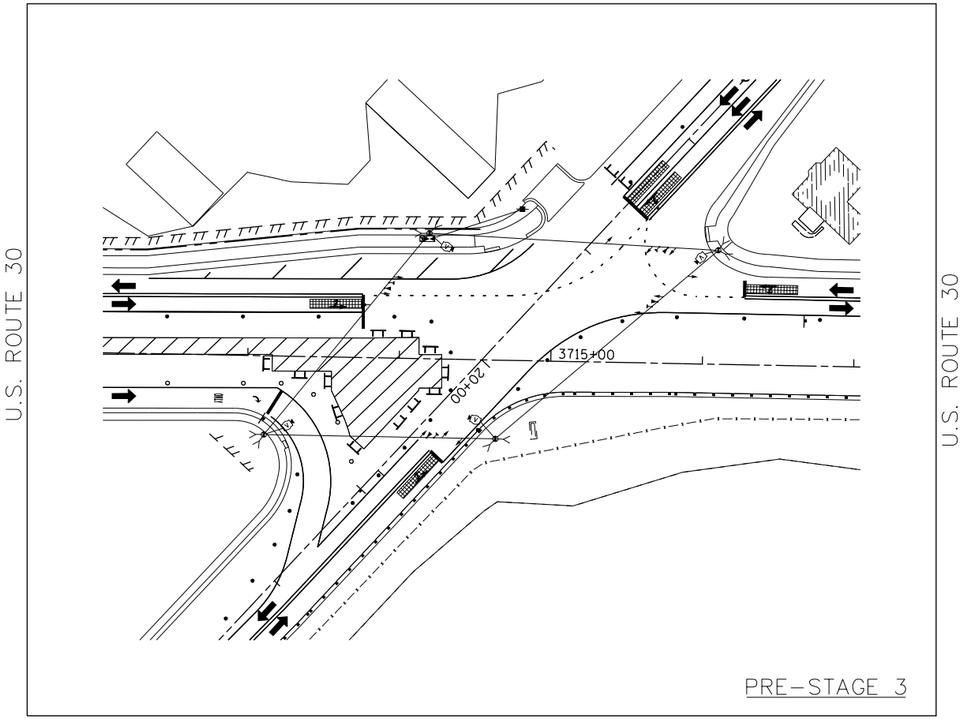
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM



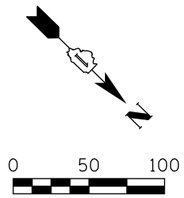
PRE-STAGE 2



STAGE 2

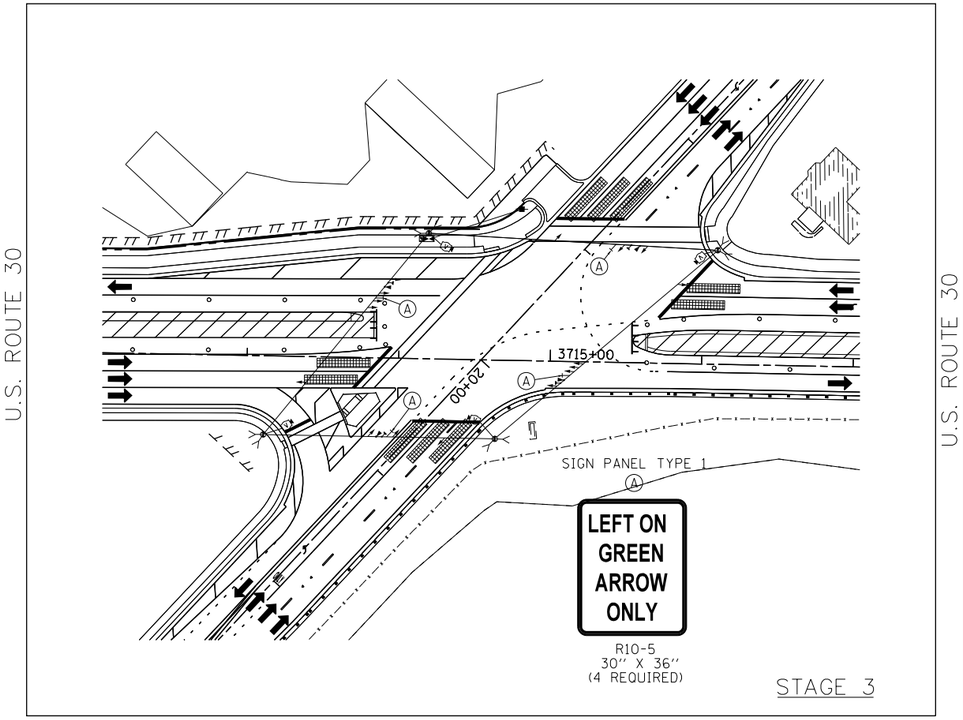


PRE-STAGE 3



LEGEND

- CONSTRUCTION WORK ZONE
- COMPLETED PAVEMENT
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED DURING OR AFTER STAGE 1
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT@ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DIRECTION OF TRAFFIC FLOW



STAGE 3

FILE PATH = G:\CH12\0012\Road\Sheets\TRAFFIC SIGNALS - SE3\D160P95-SHT-TS-R-04-001B-MOT STAGING.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - HJF	REVISED -
FILE = D160P95-SHT-TS-R-04-001B-MOT STAGING	DRAWN - SSS	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - HJF	REVISED -
PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -

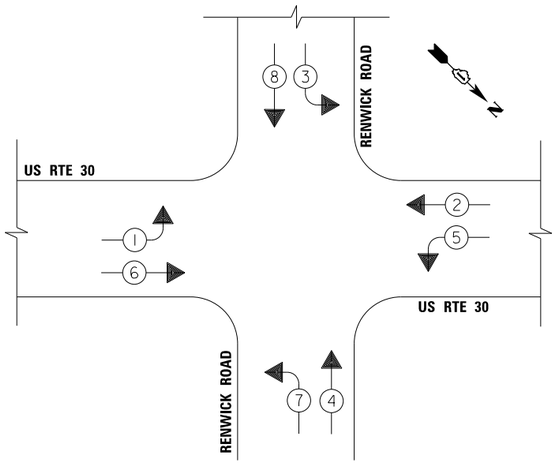
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT RENWICK ROAD
TEMPORARY TRAFFIC SIGNAL STAGING

SCALE: 1"=50' | SHEET NAME: TS-REN-04

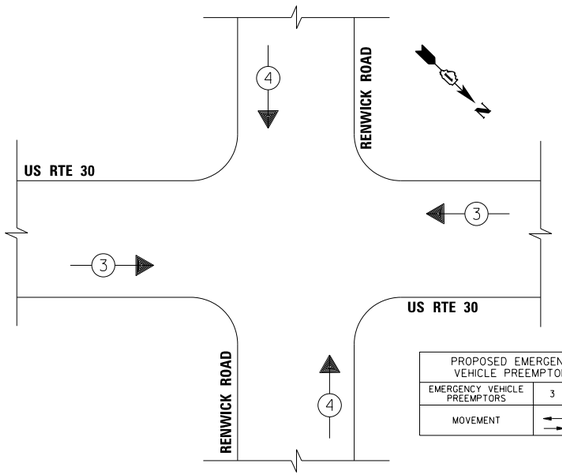
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	361
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE

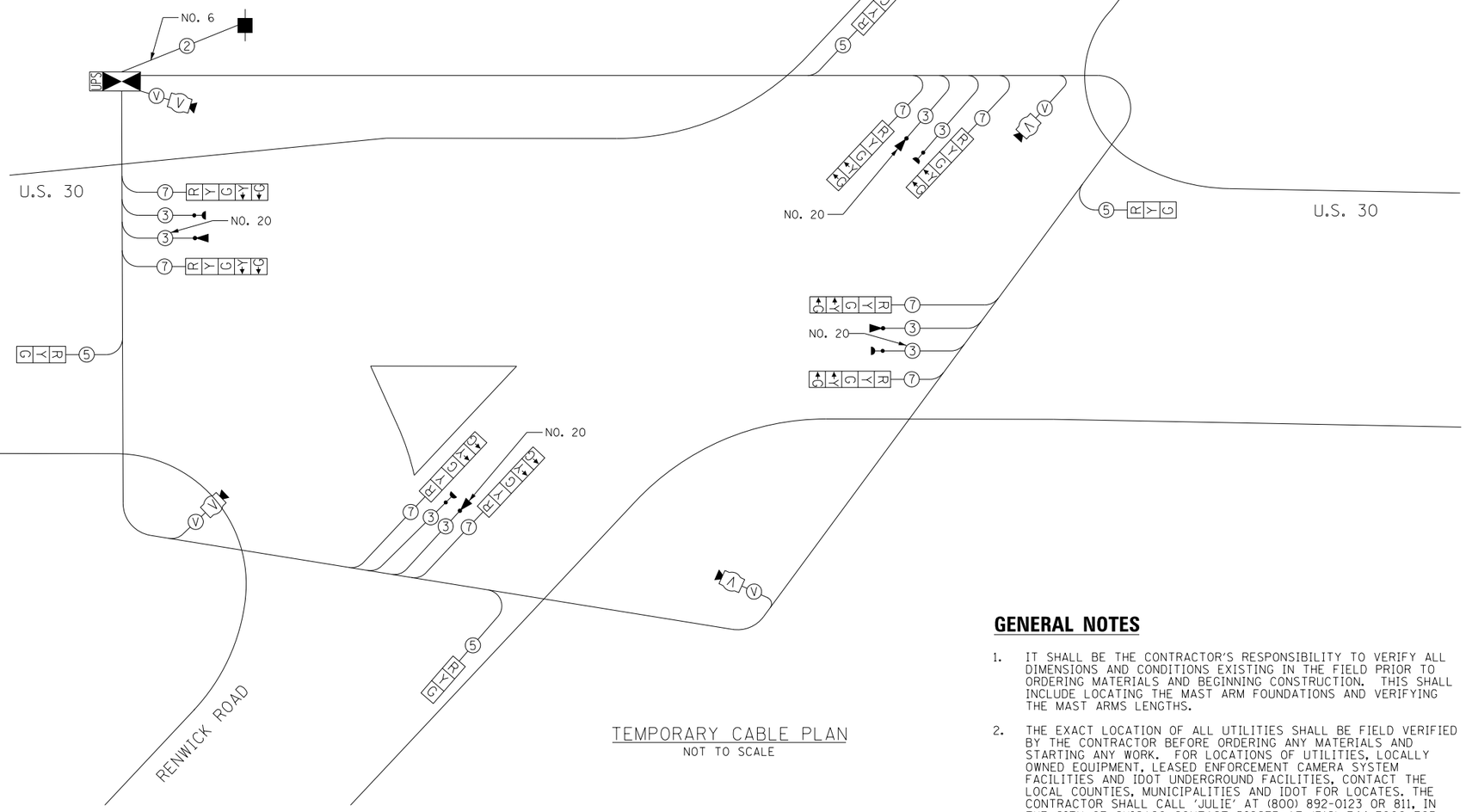


PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	←	↓↑

LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP
- ✳ — NUMBER REFERS TO ASSOCIATED PHASE

MOT STAGES 1 THROUGH 1D HAS NO TRAFFIC TO/FROM US 30 NORTH OF RENWICK ROAD. ASSOCIATED LEFT TURN PHASES SHALL BE DISABLED ACCORDINGLY. COMPLETE TEMPORARY TRAFFIC SIGNAL USED FOR MOT PRE-STAGE 2, STAGE 2, PRE-STAGE 3 AND STAGE 3. SIGNAL HEADS SHALL BE SHIFTED ALONG TEMPORARY SIGNAL SPAN WIRE AS APPLICABLE TO THE ASSOCIATED MOT STAGE.



TEMPORARY CABLE PLAN
NOT TO SCALE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	16	135	12	0.10	20
ARROW		135	12	0.33	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100		1.00	100
ILLUMIN. SIGN		84	90	0.50	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	492

VILLAGE OF PLAINFIELD
24401 W. LOCKPORT STREET
PLAINFIELD, ILLINOIS 60544
ENERGY SUPPLY CONTACT: STEVE FITZGERALD
PHONE: (708) 235-2327
COMPANY: COMMONWEALTH EDISON

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

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TranSystems

USER NAME = bshaefliger	DESIGNED - HJF	REVISED -
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PLOT SCALE = 40.0000 ' / in.	CHECKED - HJF	REVISED -
PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -

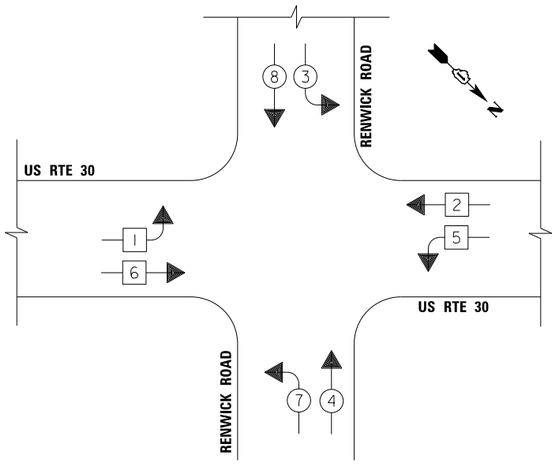
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT RENWICK ROAD
TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM
(STAGES 1 & 2)

SCALE: N.T.S. | SHEET NAME: TS-REN-05

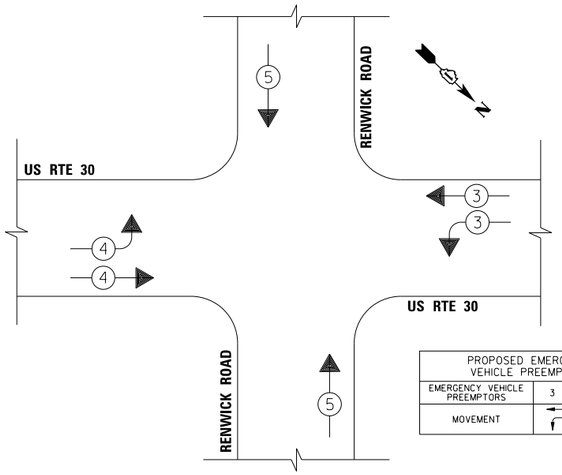
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	362
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE

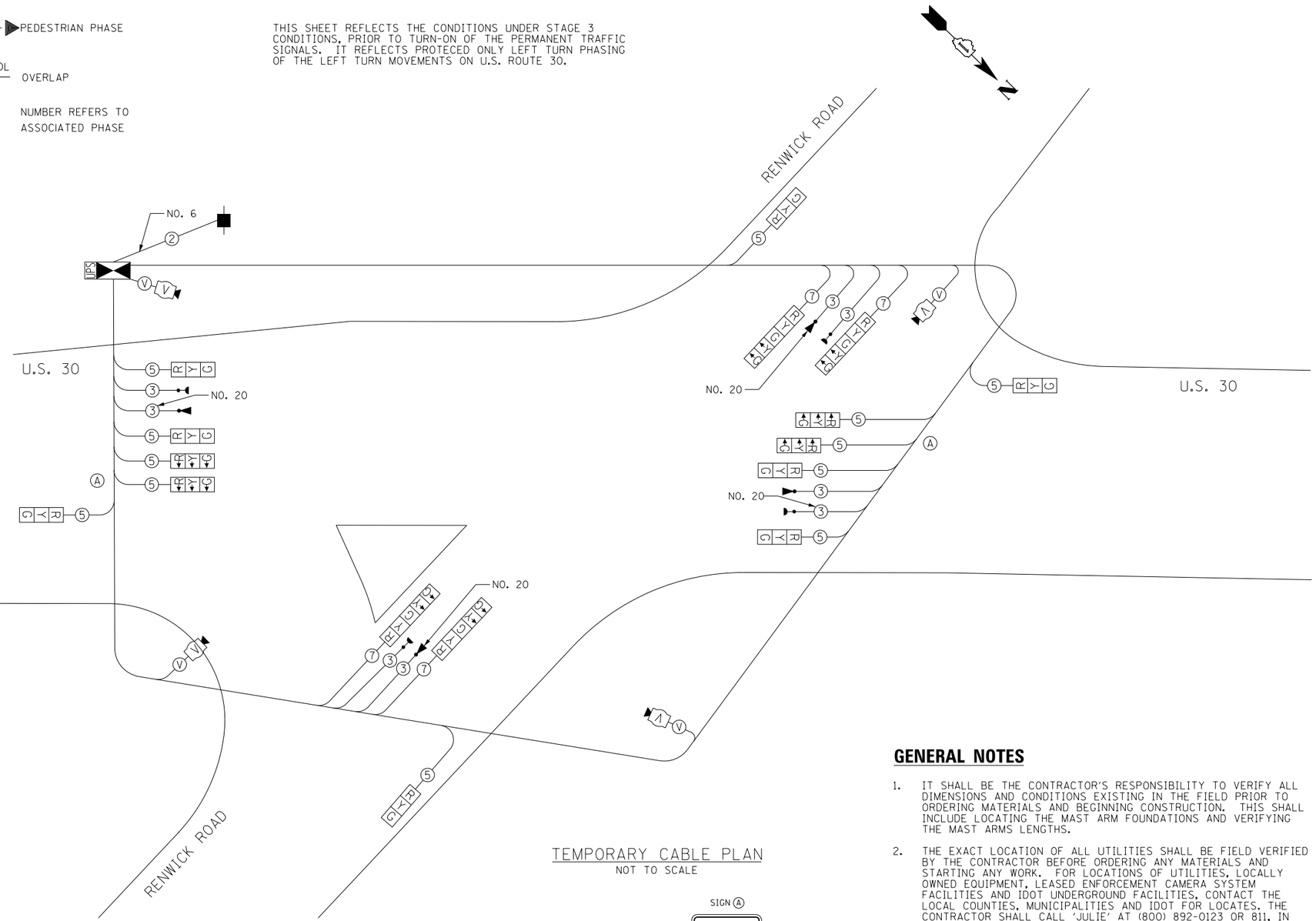


PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTORS	3	4	5
MOVEMENT			

LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- OL OVERLAP
- ✳ NUMBER REFERS TO ASSOCIATED PHASE

THIS SHEET REFLECTS THE CONDITIONS UNDER STAGE 3 CONDITIONS, PRIOR TO TURN-ON OF THE PERMANENT TRAFFIC SIGNALS. IT REFLECTS PROTECED ONLY LEFT TURN PHASING OF THE LEFT TURN MOVEMENTS ON U.S. ROUTE 30.



TEMPORARY CABLE PLAN
NOT TO SCALE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	16	135	17	0.50	102
(YELLOW)	16	135	25	0.25	75
(GREEN)	16	135	15	0.25	45
ARROW	8	135	12	0.10	10
ARROW		135	12	0.33	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100		1.00	100
ILLUMIN. SIGN		84	90	0.50	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	482

VILLAGE OF PLAINFIELD
24001 W. LOCKPORT STREET
PLAINFIELD, ILLINOIS 60544
ENERGY SUPPLY CONTACT: STEVE FITZGERALD
PHONE: (708) 235-2327
COMPANY: COMMONWEALTH EDISON

RESTORATION OF WORK AREA:
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SIGN (A)

LEFT ON GREEN ARROW ONLY

R10-5
30"X36"
1 REQUIRED

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
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4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

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TranSystems

USER NAME = bshaefliger	DESIGNED - HJF	REVISED -	
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PLOT SCALE = 40.0000 ' / in.	CHECKED - HJF	REVISED -	
PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

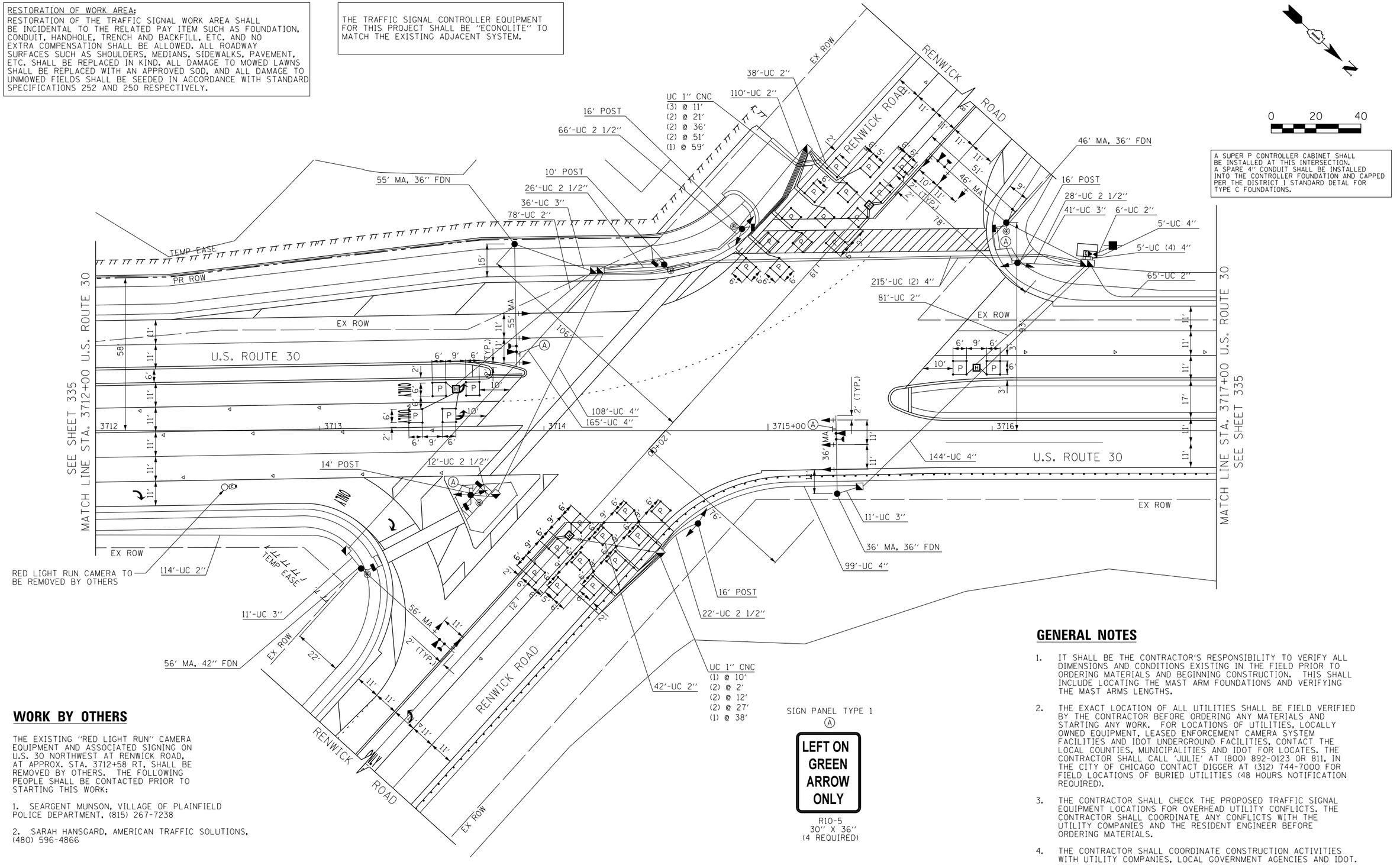
U.S. ROUTE 30 AT RENWICK ROAD
TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM
(STAGE 3)

SCALE: N.T.S. | SHEET NAME: TS-REN-05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	363
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



WORK BY OTHERS

THE EXISTING "RED LIGHT RUN" CAMERA EQUIPMENT AND ASSOCIATED SIGNING ON U.S. 30 NORTHWEST AT RENWICK ROAD, AT APPROX. STA. 3712+58 RT, SHALL BE REMOVED BY OTHERS. THE FOLLOWING PEOPLE SHALL BE CONTACTED PRIOR TO STARTING THIS WORK:

1. SEARGENT MUNSON, VILLAGE OF PLAINFIELD POLICE DEPARTMENT, (815) 267-7238

2. SARAH HANSGARD, AMERICAN TRAFFIC SOLUTIONS, (480) 596-4866

GENERAL NOTES

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TranSystems

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PLOT SCALE = 40.0000 ' / in.	CHECKED - HJF	REVISED -
PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT RENWICK ROAD
TRAFFIC SIGNAL INSTALLATION PLAN (1 OF 2)

SCALE: 1"=20' | SHEET NAME: TS-REN-06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	364
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

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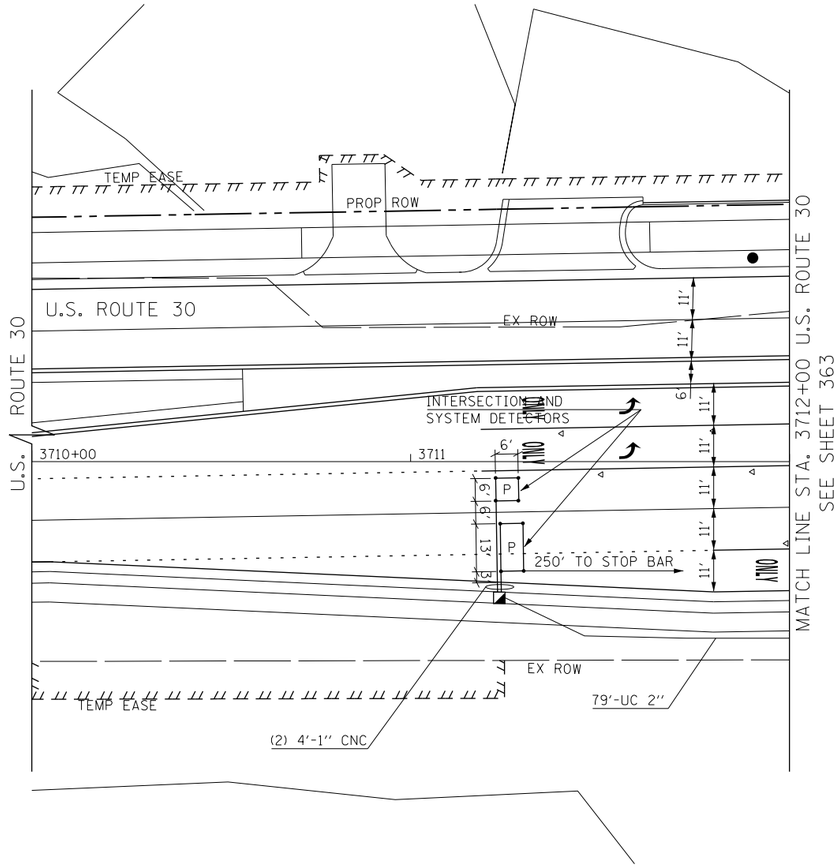
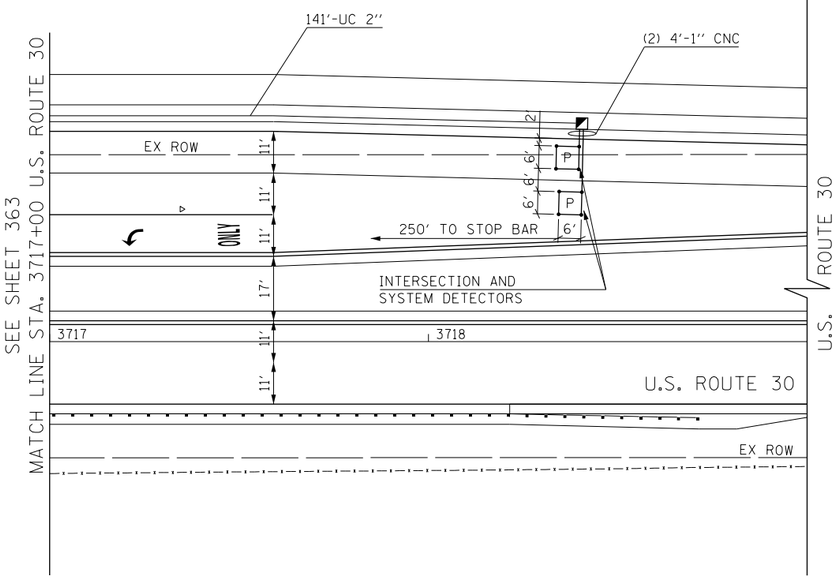
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.





GENERAL NOTES

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4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

FILE PATH = G:\CH12\0012\Road\Sheets\TRAFFIC SIGNALS - SE3\D160P95-SHT-TS-R-07-001B_TSI 30R.dgn

TranSystems

USER NAME = bshaefliger	DESIGNED - HJF	REVISED -
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PLOT SCALE = 40.0000 ' / in.	CHECKED - HJF	REVISED -
PLOT DATE = 10/23/2014	DATE - 10/23/2014	REVISED -

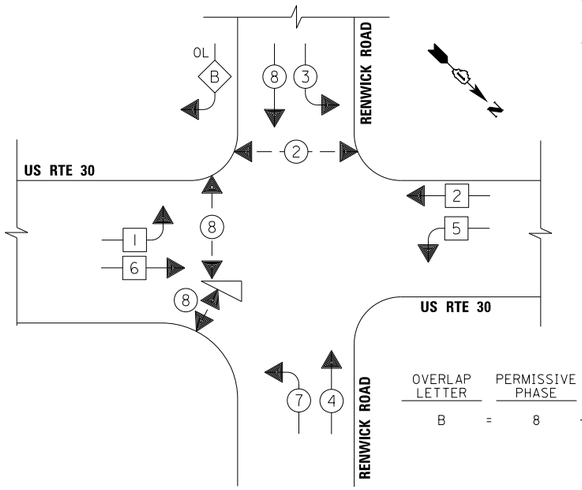
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT RENWICK ROAD
TRAFFIC SIGNAL INSTALLATION PLAN (2 OF 2)

SCALE: 1"=20' | SHEET NAME: TS-REN-07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	365
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

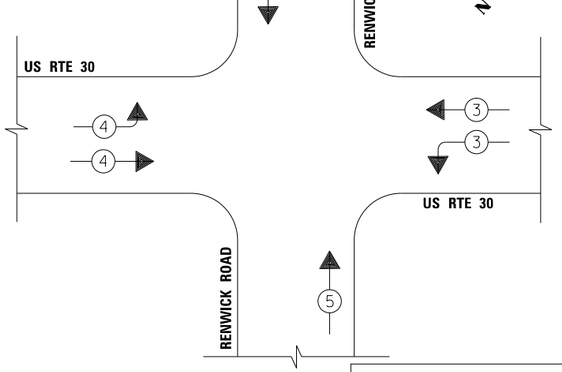
PROPOSED CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	8	+	1

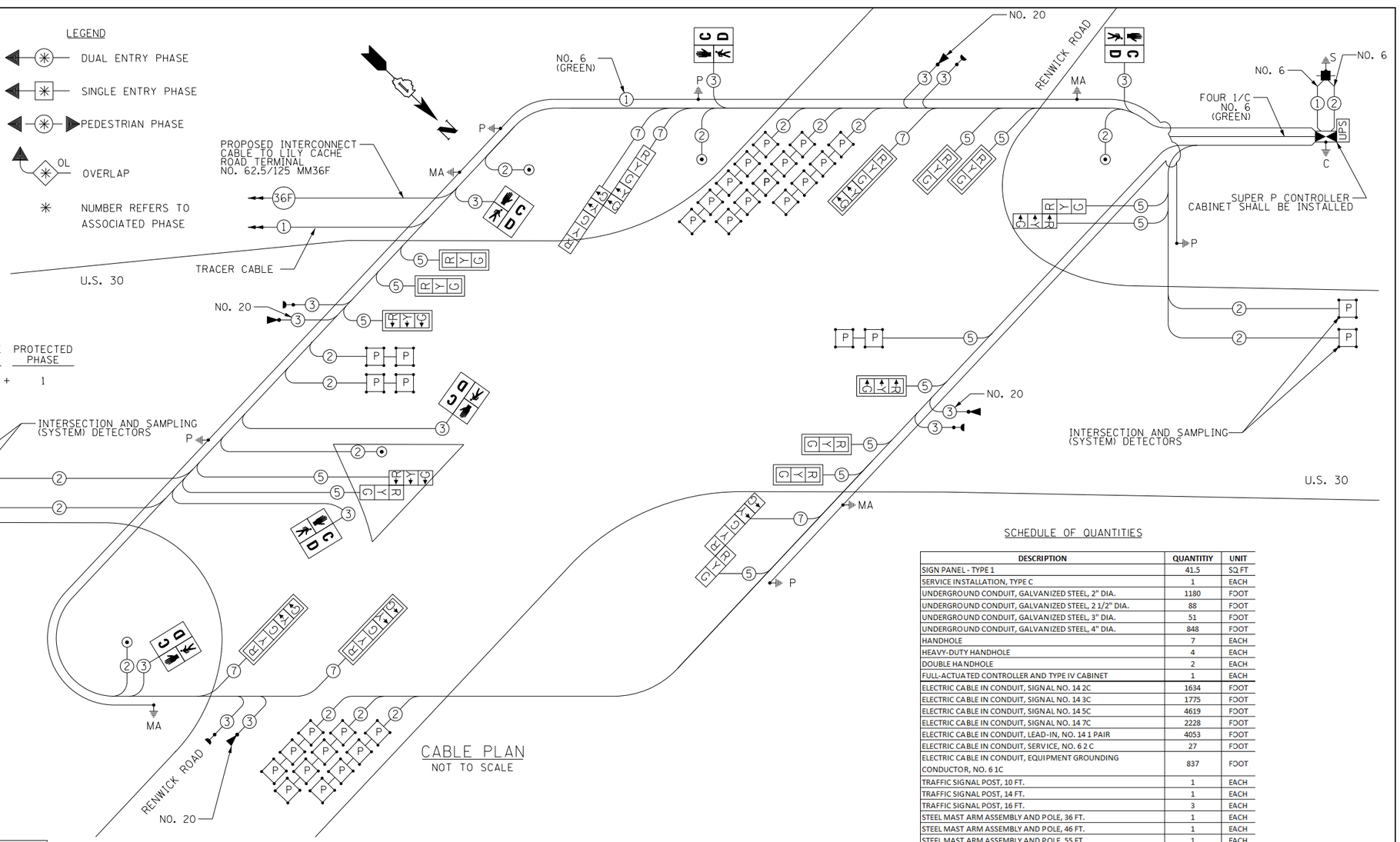
EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTORS	3	4	5
MOVEMENT	←	→	↑

LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP
- ✳ — NUMBER REFERS TO ASSOCIATED PHASE



CABLE PLAN
NOT TO SCALE

L.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	19	135	17	0.50	161.5
(YELLOW)	19	135	25	0.25	118.75
(GREEN)	19	135	15	0.25	71.25
ARROW	12	135	12	0.10	14.4
PED. SIGNAL	6	90	25	1.00	150
CONTROLLER	1	100		1.00	100
ILLUMIN. LED SIGN	4	84	90	0.50	180
VIDEO SYSTEM		150		1.00	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	795.9

VILLAGE OF PLAINFIELD
24401 W. LOCKPORT STREET
PLAINFIELD, ILLINOIS 60544
ENERGY SUPPLY CONTACT: STEVE FITZGERALD
PHONE: (708) 235-2327
COMPANY: COMMONWEALTH EDISON

NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

SCHEDULE OF QUANTITIES

DESCRIPTION	QUANTITIY	UNIT
SIGN PANEL - TYPE 1	41.5	SQ FT
SERVICE INSTALLATION, TYPE C	1	EACH
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	1180	FOOT
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	88	FOOT
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	51	FOOT
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	848	FOOT
HANDHOLE	7	EACH
HEAVY-DUTY HANDHOLE	4	EACH
DOUBLE HANDHOLE	2	EACH
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	1	EACH
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	1634	FOOT
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	1775	FOOT
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	4619	FOOT
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	2228	FOOT
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	4053	FOOT
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	27	FOOT
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	837	FOOT
TRAFFIC SIGNAL POST, 10 FT.	1	EACH
TRAFFIC SIGNAL POST, 14 FT.	1	EACH
TRAFFIC SIGNAL POST, 16 FT.	3	EACH
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	1	EACH
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	1	EACH
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	1	EACH
STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	1	EACH
CONCRETE FOUNDATION, TYPE A	12	FOOT
CONCRETE FOUNDATION, TYPE C	4	FOOT
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	43	FOOT
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	21	FOOT
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	8	EACH
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	3	EACH
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	2	EACH
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	1	EACH
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET	1	EACH
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	4	EACH
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	1	EACH
TRAFFIC SIGNAL BACKPLATE	11	EACH
INDUCTIVE LOOP DETECTOR	12	EACH
PREFORMED DETECTOR LOOP	700	FOOT
LIGHT DETECTOR	4	EACH
LIGHT DETECTOR AMPLIFIER	1	EACH
PEDESTRIAN PUSH-BUTTON	5	EACH
TEMPORARY TRAFFIC SIGNAL INSTALLATION	1	EACH
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	1	EACH
REMOVE EXISTING HANDHOLE	14	EACH
REMOVE EXISTING CONCRETE FOUNDATION	9	EACH
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	1	EACH
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	922	FOOT
TEMPORARY TRAFFIC SIGNAL TIMING	1	EACH

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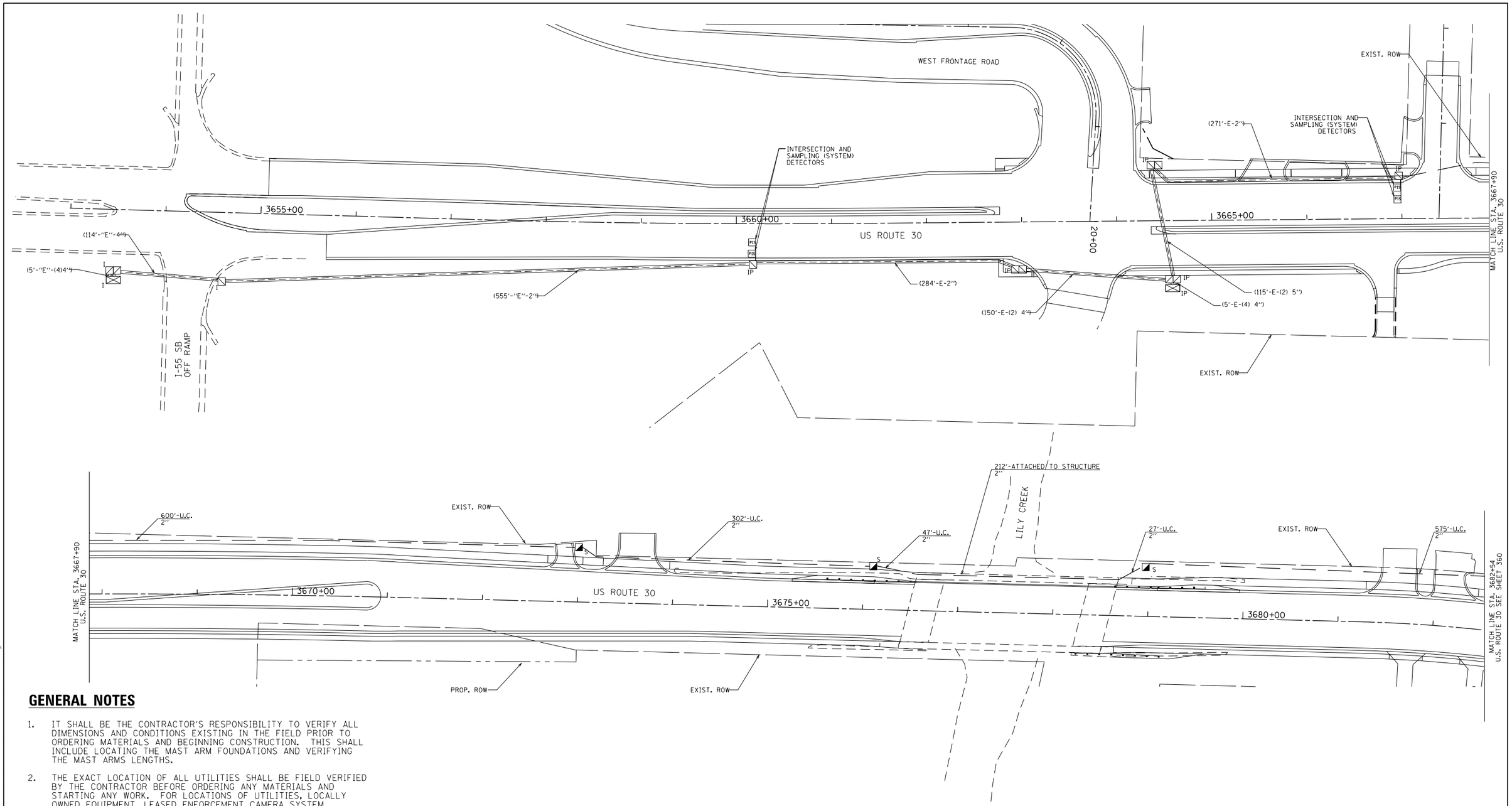
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT RENWICK ROAD
CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES

SCALE: N.T.S. | SHEET NAME: TS-REN-08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	366
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



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GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.

2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

3. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE. 30 /I-55 RAMPS A & B
TO RENWICK ROAD INTERCONNECT PLAN

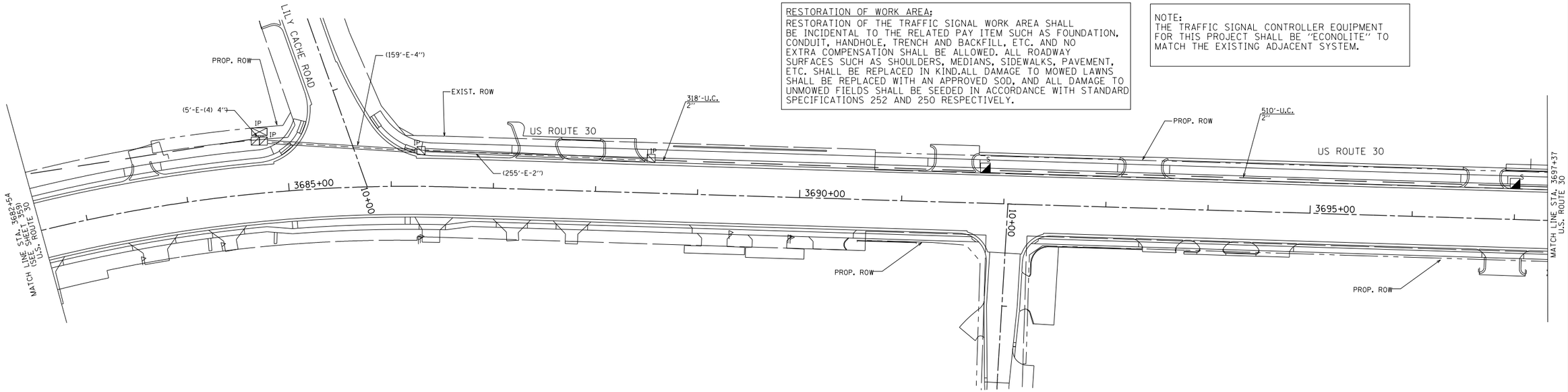
SCALE: 1"=50' | SHEET NAME: TS-IC-01 | STA. | TO STA.

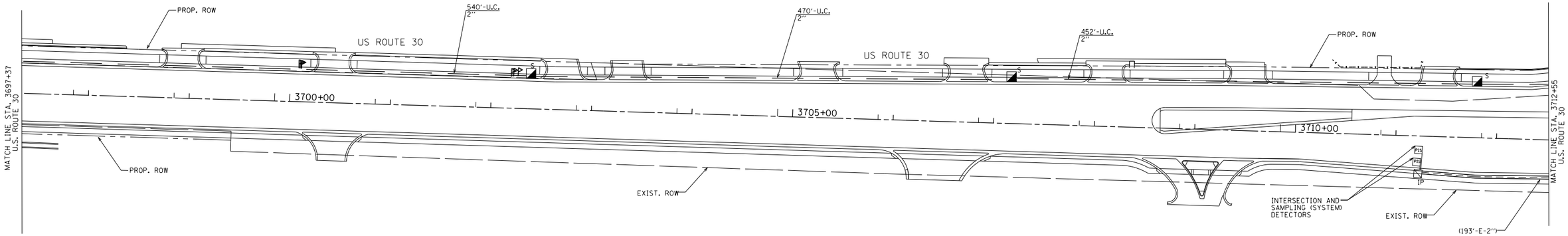
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5775	14W - R	WILL	681	367
		CONTRACT NO. 60P95		

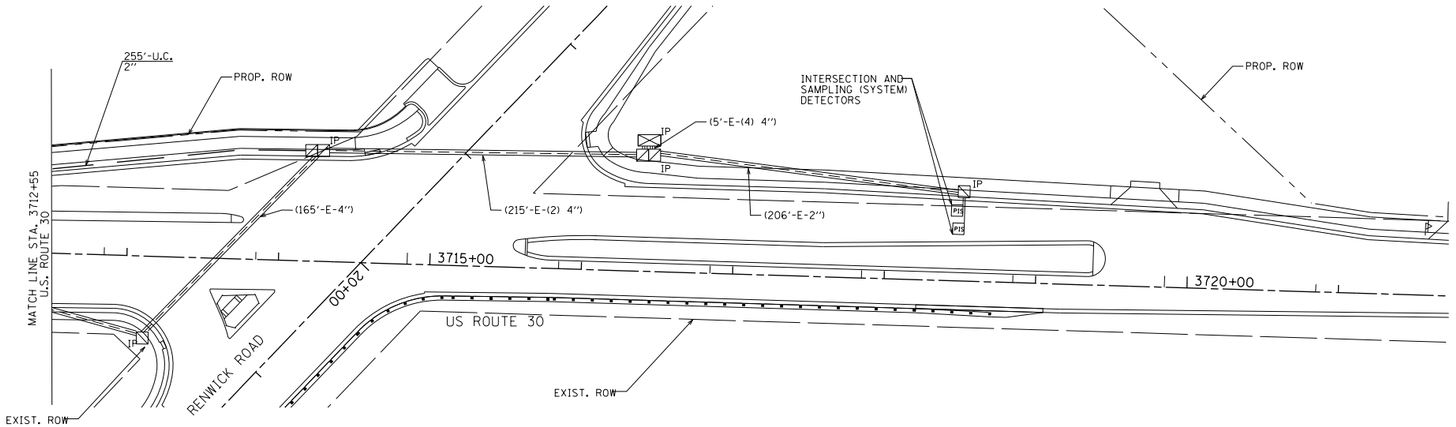
FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.







GENERAL NOTES

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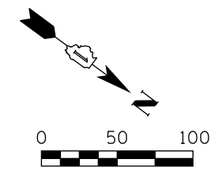
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



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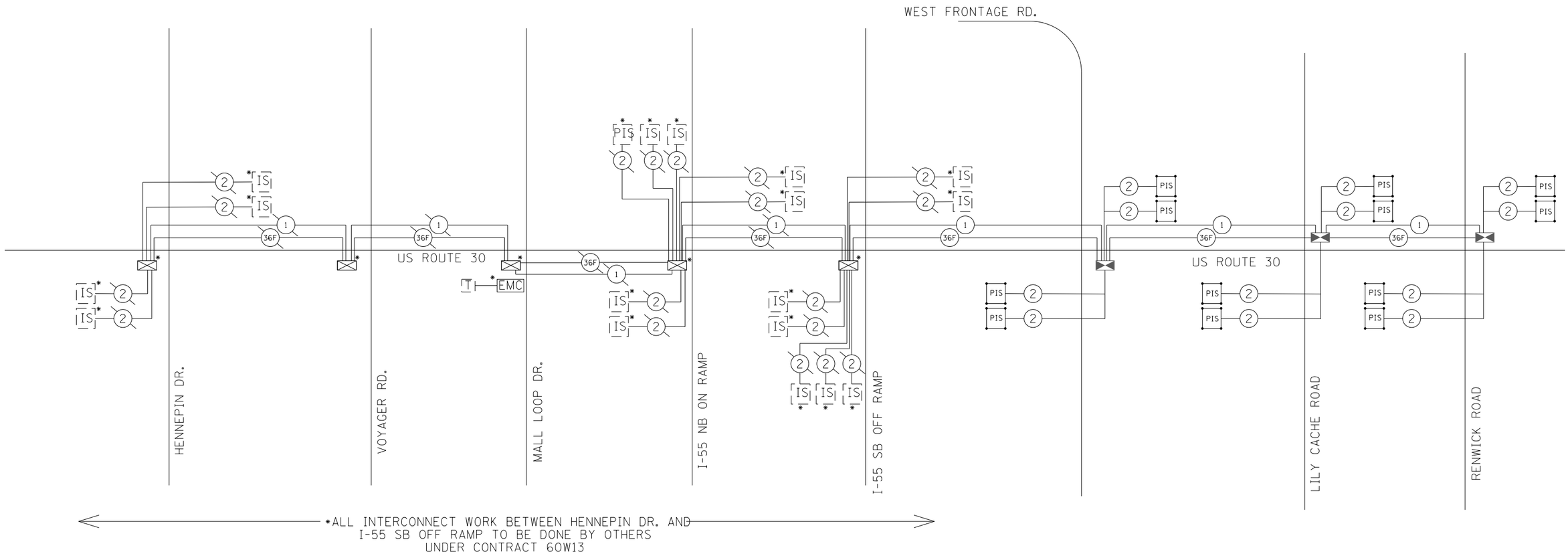
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE. 30 /RAMPS A & B
TO RENWICK ROAD INTERCONNECT PLAN

SCALE: 1"=50' | SHEET NAME: TS-IC-02 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	368
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



THE SCOPE OF THIS CONTRACT SHALL INCLUDE INSTALLING NEW FIBEROPTIC INTERCONNECT CONDUIT AND CABLE BETWEEN RENWICK ROAD AND THE I-55 SB OFF RAMP. FIBER OPTIC TRANSCEIVERS SHALL BE INSTALLED AT THE I-55 SB OFF RAMP, WEST FRONTAGE ROAD, LILY CACHE ROAD AND RENWICK ROAD. THE INTERCONNECT WORK WILL ALSO INCLUDE MAINTAINENCE OF THE EXISTING TRAFFIC SIGNAL AT THE I-55 SB OFF RAMP.

SCHEDULE OF QUANTITIES

DESCRIPTION	QUANTITIY	UNIT
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	4096	FOOT
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED	212	FOOT
HANDHOLE	8	EACH
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	1	EACH
TRANSCEIVER-FIBER OPTIC	3	EACH
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	6667	FOOT
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	6667	FOOT
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	3	EACH

PLAN: SURVEYED — PLOTTED — DRAWN — CHECKED — QUANTITIES CHECKED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — NOTE BOOK — NO. — C4DD FILE NAME — BY — DATE

PROFILE: SURVEYED — PLOTTED — DRAWN — CHECKED — QUANTITIES CHECKED — B.M. NOTED — STRUCTURE NO'S/TYPES CHK'D — NOTE BOOK — NO. — BY — DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE. 30 HENNEPIN DR. TO RENWICK RD.
INTERCONNECT SCHEMATIC

SCALE: | SHEET NAME: TS-IC-03 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5775	14W - R	WILL	681	369
		CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Bench Mark: Cut box on the top Southerly corner of a concrete approach walk on the North side of US Route 30 at Lily Cache Creek concrete bridge structure. Elev. 600.81

Existing Structure: S.N. 099-4648, built in 2005 as F.A.P. Rte. 0575, Section 14BR. Existing Structure consists of a 3-Span W24 Steel Beam with a composite reinforced deck on integral abutments and concrete piers. The length of the structure is 152'-0¾" bk. to bk. abutments with a 82'-0" out-to-out width. Structure is to be modified with a multi-use path at South side.

Traffic to be maintained utilizing staged construction.

The existing aluminum handrail shall be salvaged and delivered to the District Maintenance yard as directed by the Engineer. Cost included with Bridge Rail Removal.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Concrete Removal	Cu. Yd.	51.5		51.5
Bridge Rail Removal	Foot	153		153
Concrete Superstructure	Cu. Yd.	75.9		75.9
Protective Coat	Sq. Yd.	393		393
Reinforcement Bars, Epoxy Coated	Pound	8,830		8,830
Bicycle Railing	Foot	153		153
Parapet Railing	Foot	213		213
Plug Existing Deck Drains	Each	9		9
Drainage Scuppers, DS-12	Each	2		2
Relocating Name Plates	Each	1		1

GENERAL NOTES

1. No field welding is permitted except as specified in the contract documents.

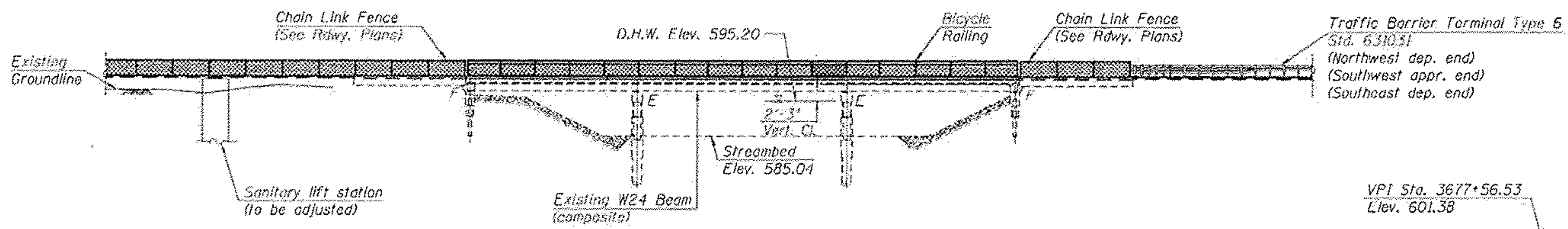
2. Reinforcement bars designated (E) shall be epoxy coated.

3. Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in Concrete Removal.

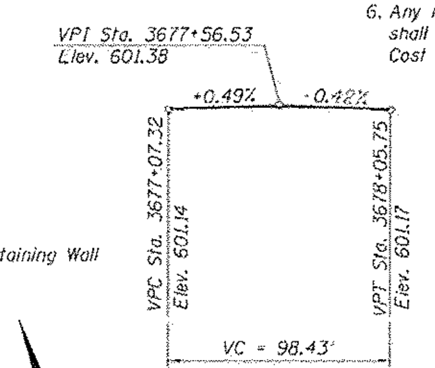
4. As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by an individual acceptable to the Engineer. Any cracks that cannot be removed by grinding ¼ inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

5. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

6. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost incidental to "Concrete Removal".



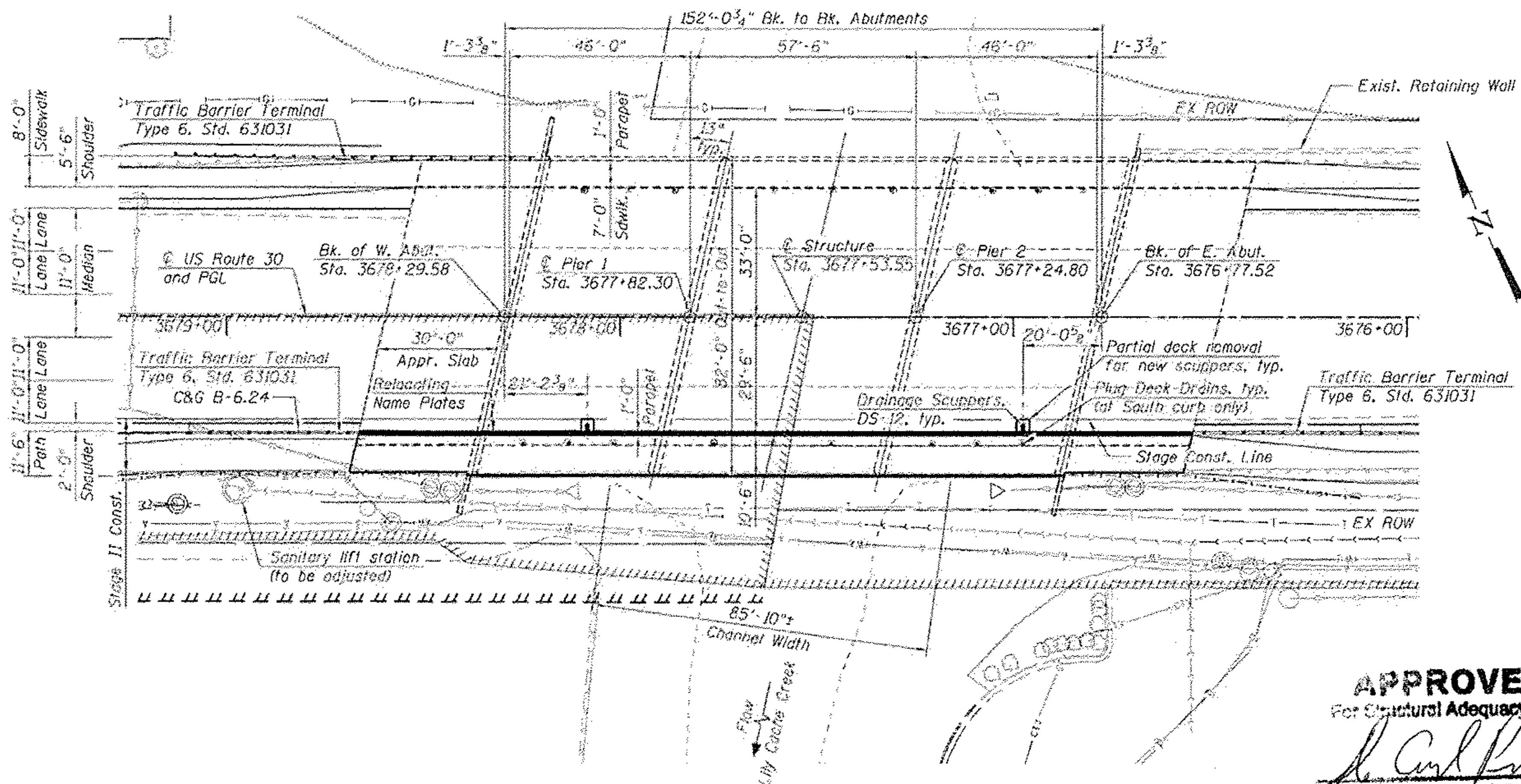
ELEVATION



PROFILE GRADE

INDEX OF SHEETS

1 General Plan and Elevation
2 Stage Construction Details
3 Temporary Concrete Barrier for Stage Construction
4 Removal Plan
5-6 Superstructure Details
7 Drainage Scupper, DS-12
8 Bicycle and Parapet Railing



PLAN

SCOPE OF WORK

1. Remove existing South sidewalk on the bridge deck and approaches.
2. Plug existing deck drains at South curb.
3. Remove and replace partial deck. Provide drainage scuppers.
4. Replace sidewalk with a multi-use path.
5. Relocate name plate.

DAJIN LIU 081-005944 LICENSED STRUCTURAL ENGINEER STATE OF ILLINOIS

8/7/14

DAJIN LIU, P.E., S.E.
NO. 081-005944
EXP. DATE 11/30/2014

LOADING HS 20-44

Allow 50#/sq. ft. for future wearing surface.

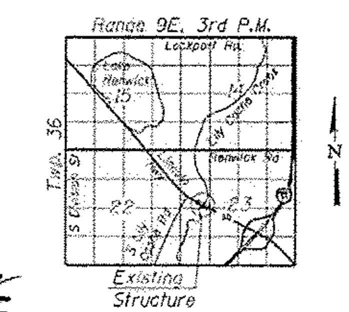
DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

DESIGN STRESSES

PROPOSED & EXISTING FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

APPROVED
For Structural Adequacy Only
Engineer of Bridges & Structures



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
US ROUTE 30 OVER LILY CACHE CREEK
F.A.P. RT. 575 - SEC. 14W-R
WILL COUNTY
STATION 3677+53.55
STRUCTURE NO. 099-4648

TranSystems	USER NAME = bshaeflager	DESIGNED - KAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
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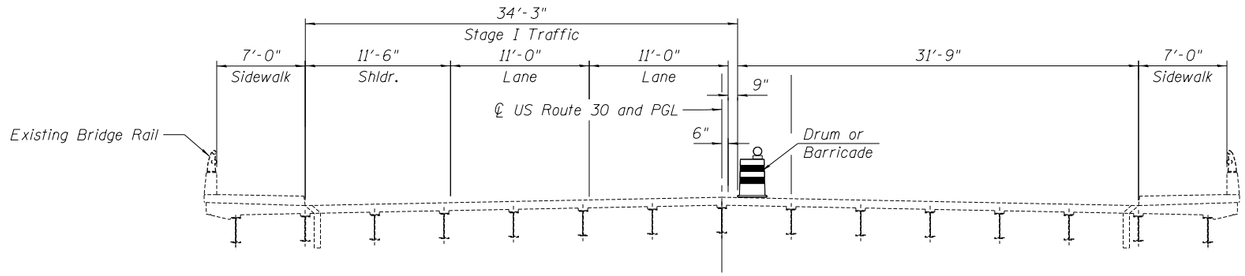
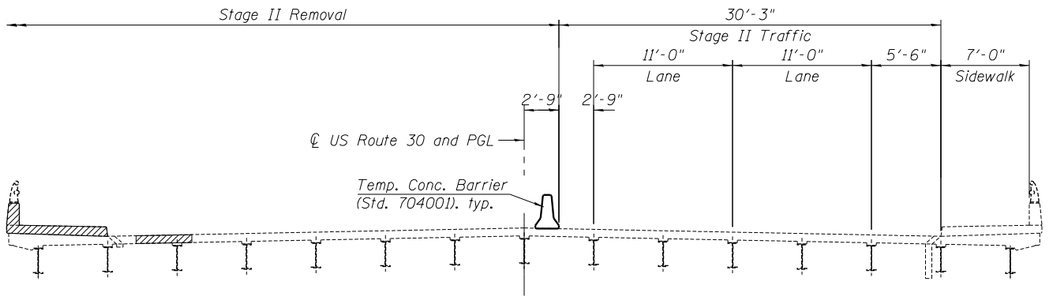
		DRAWN - TLO	REVISED -			
	PLOT DATE = 8/6/2014	CHECKED - DL	REVISED -		SHEET NO. 1 OF 8 SHEETS	

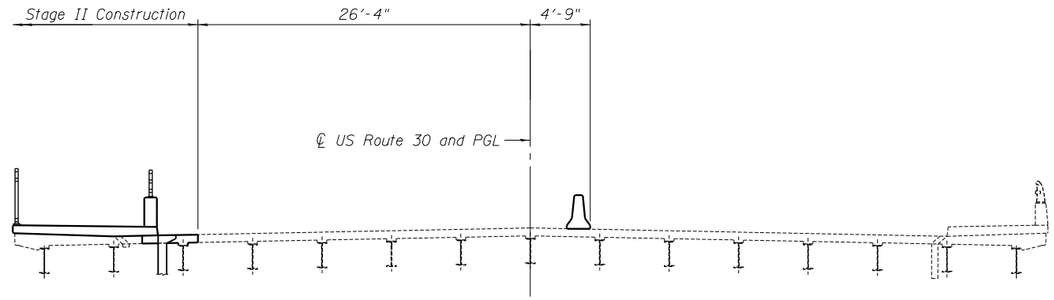
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W-R	WILL	681	370
		CONTRACT NO. 60P95		
	ILLINOIS FED. AID PROJECT			



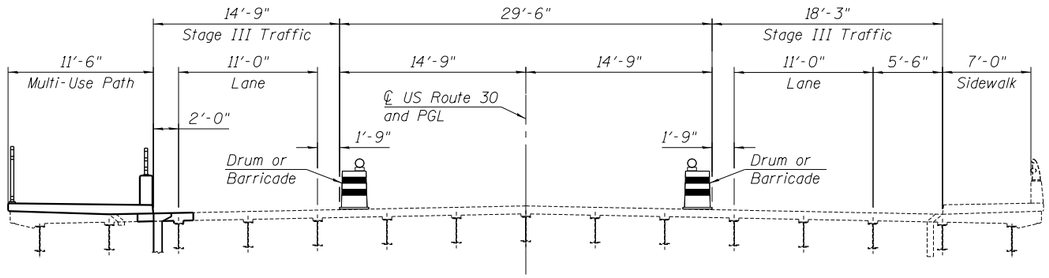
STAGE I CONSTRUCTION



STAGE II REMOVAL



STAGE II CONSTRUCTION



STAGE III CONSTRUCTION

STAGE I CONSTRUCTION

1. No work to be completed on bridge. Install drum or barricade as shown to locate the construction work area.

STAGE II REMOVAL

1. Install temporary concrete barrier as shown to locate construction work area on the south side of the existing structure.
2. Remove exist. bridge rail and sidewalk indicated on plans.
3. Remove portion of bridge deck indicated on plans.
4. Plug existing deck drains indicated on plans.

STAGE II CONSTRUCTION

1. Construct sidewalk, parapet, parapet railing and bicycle railing.
2. Install Drainage Scuppers, DS-12.

STAGE III CONSTRUCTION

1. No work to be completed on bridge.
2. Install drum or barricade as shown to locate construction work area.

Notes:
All staging cross sections are looking west. For quantity of Temporary Concrete Barrier, see roadway plans.
Hatched area indicates Concrete Removal.
The existing aluminum handrail shall be salvaged and delivered to the District Maintenance yard as directed by the Engineer. Cost included with Bridge Rail Removal.

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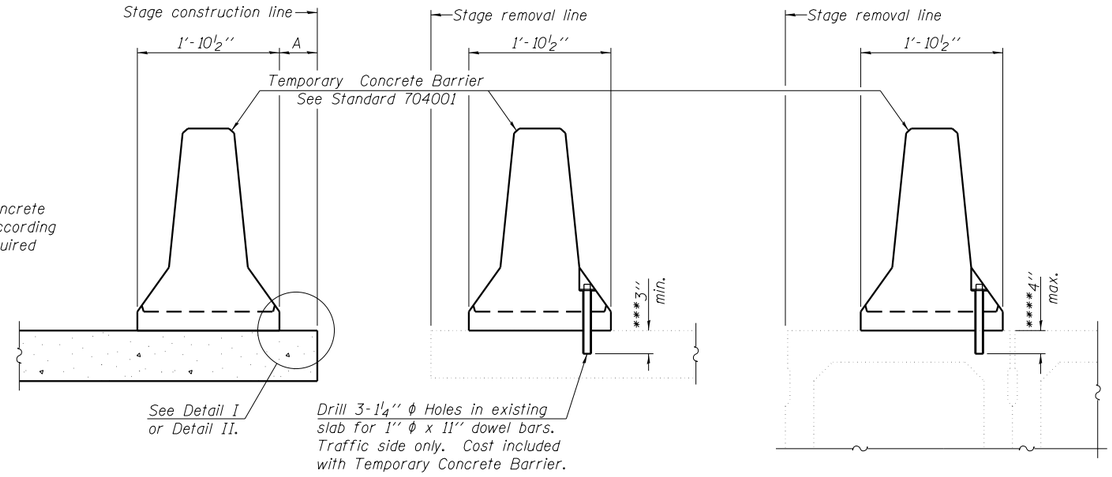
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 099-4648
SHEET NO. 2 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W-R	WILL	681	371
		CONTRACT NO. 60P95		
	ILLINOIS	FED. AID PROJECT		

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



NOTES

Detail I - With Bar Splicer or Couplers:
Connect one (1) 1'' x 7' 'x ''W'' steel PL to the top layer of couplers with 2-⅝'' ϕ bolts screwed to coupler at approximate ℄ of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1'' x 7'' x ''W'' steel PL to the concrete slab or concrete wearing surface with 2-⅝'' ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate ℄ of each barrier panel.

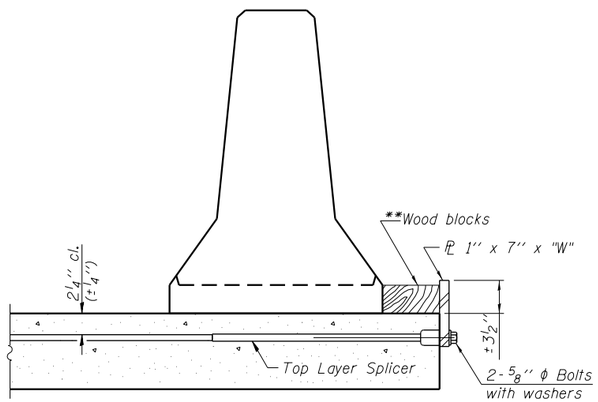
Cost of anchorage is included with Temporary Concrete Barrier.

The 1'' x 7'' x ''W'' plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

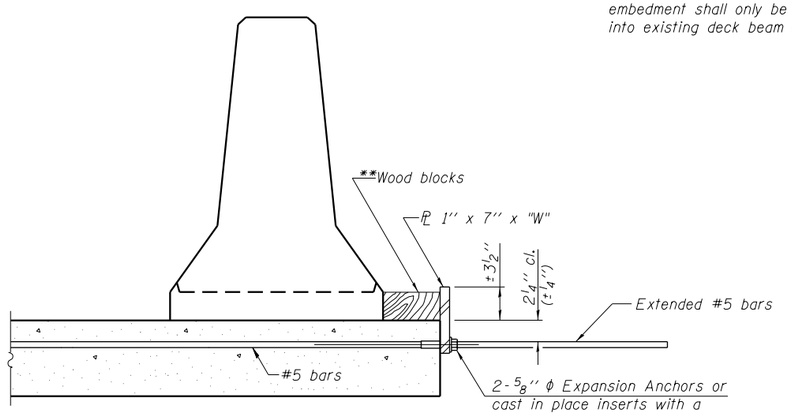
SECTIONS THRU SLAB OR DECK BEAM

*** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



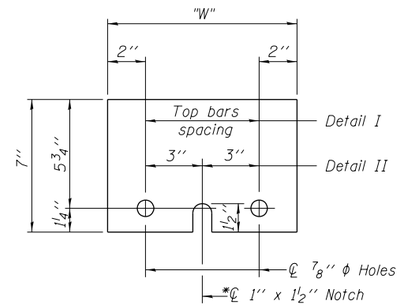
DETAIL I



DETAIL II

** Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4''



STEEL RETAINER PL 1'' x 7'' x ''W''

* Required only with Detail II

R-27

7-1-10

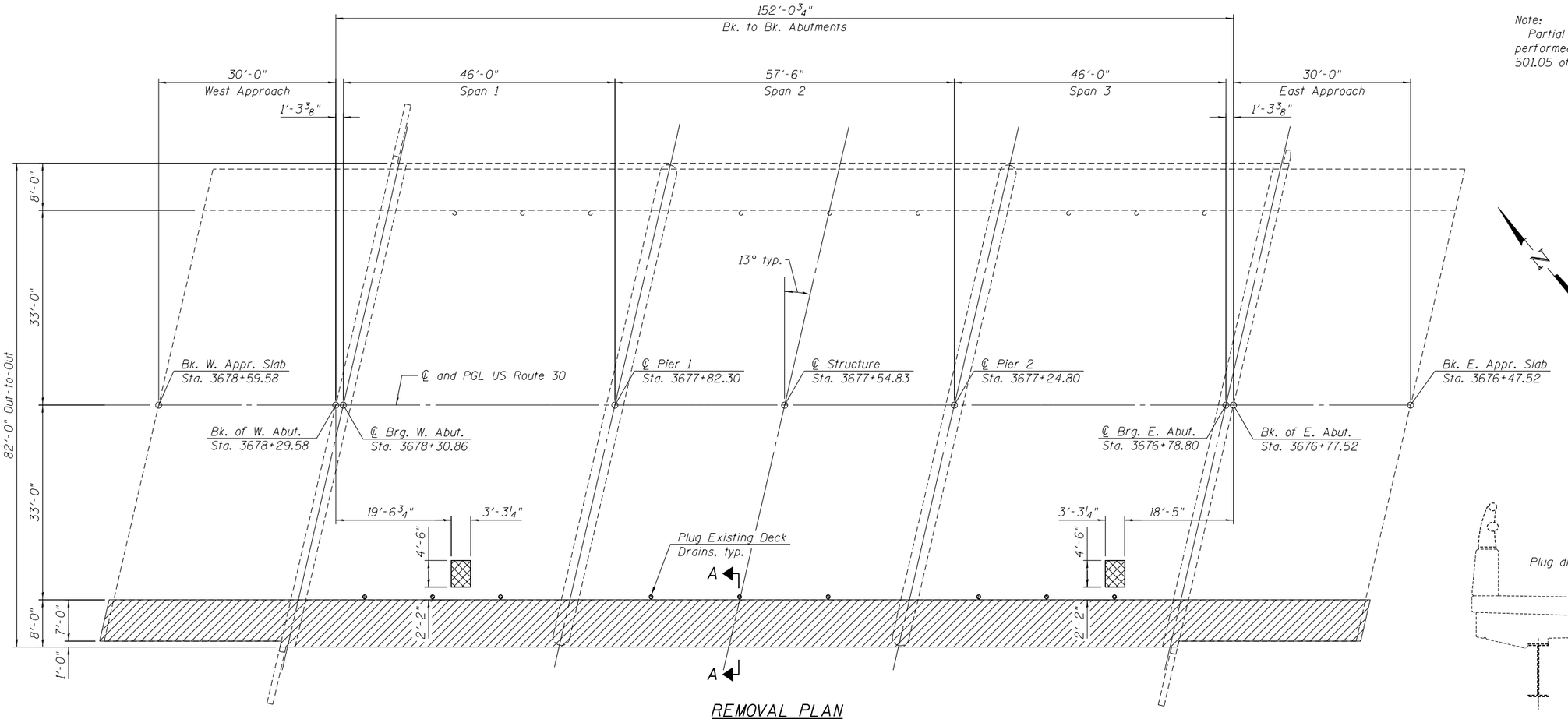
USER NAME = bshaefliger	DESIGNED - KAH	REVISED -
	CHECKED - JRM	REVISED -
PLOT SCALE = 2:0.0000 '1' / in.	DRAWN - TLO	REVISED -
PLOT DATE = 10/23/2014	CHECKED - DL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
STRUCTURE NO. 099-4648
SHEET NO. 3 OF 8 SHEETS

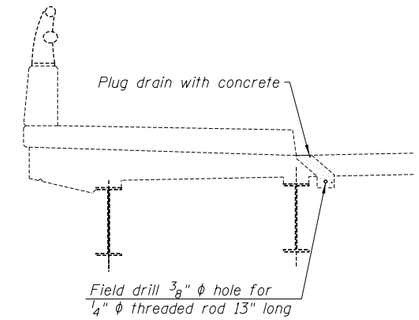
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W-R	WILL	681	372
		CONTRACT NO. 60P95		
	ILLINOIS FED. AID PROJECT			

9:06:21 AM - G:\CH2\002\Bridge\Cadd\Sheets\0994648-60P95-03-TEMPBAR.dgn

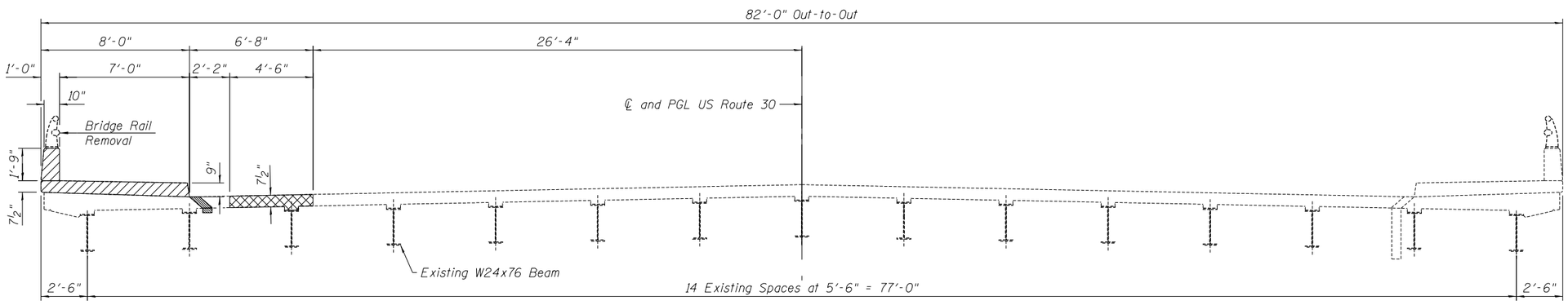


REMOVAL PLAN

Note:
Partial removal of bridge deck shall be performed in accordance with Article 501.05 of the Standard Specifications.



SECTION A-A



CROSS SECTION
(Looking West)

LEGEND

- Concrete Removal (Deck)
- Concrete Removal (Sidewalk, Parapet)
- Plug Existing Deck Drains

BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	51.5
Bridge Rail Removal	Foot	153
Plug Existing Deck Drains	Each	9

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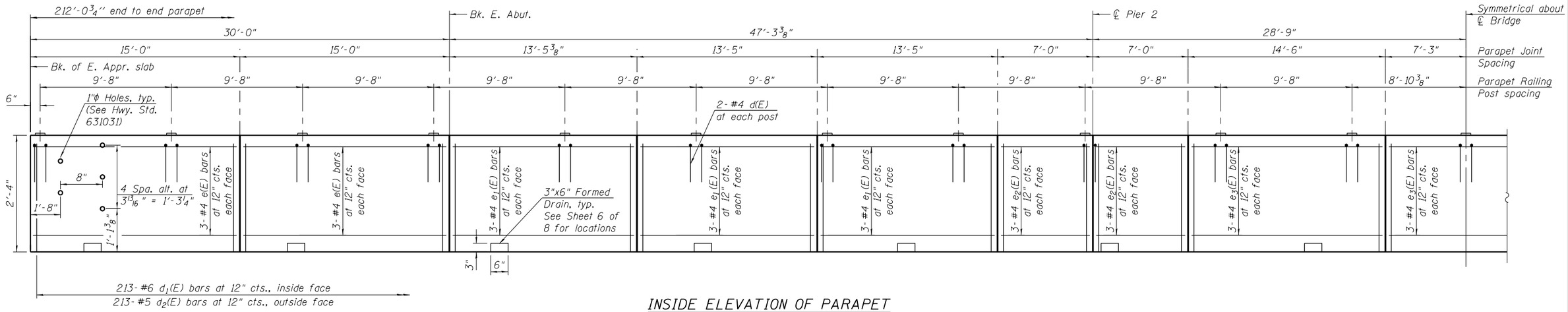
USER NAME = bshaefliger	DESIGNED - KAH	REVISED -
	CHECKED - JRM	REVISED -
PLOT SCALE = 20.0 ' / in.	DRAWN - TLO	REVISED -
PLOT DATE = 10/23/2014	CHECKED - KAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

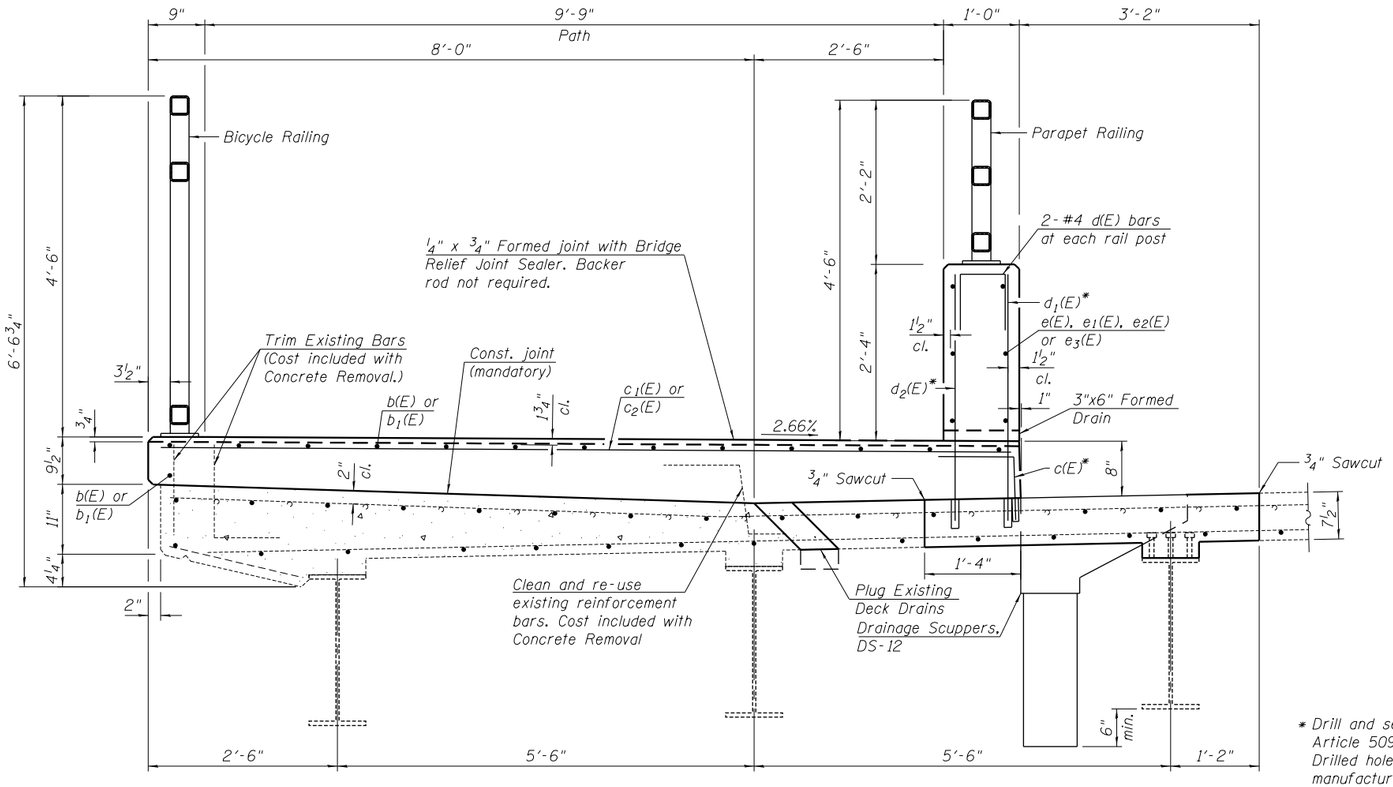
REMOVAL PLAN
STRUCTURE NO. 099-4648
SHEET NO. 4 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W-R	WILL	681	373
		CONTRACT NO. 60P95		
	ILLINOIS FED. AID PROJECT			



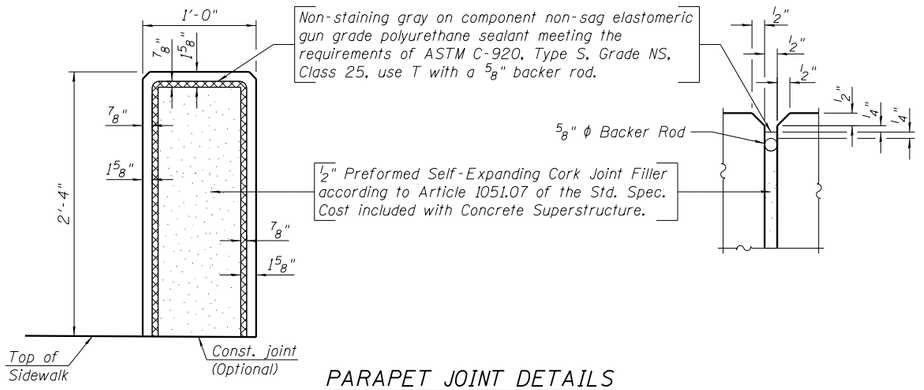
INSIDE ELEVATION OF PARAPET

(Looking South)



SECTION THRU MULTI-USE PATH

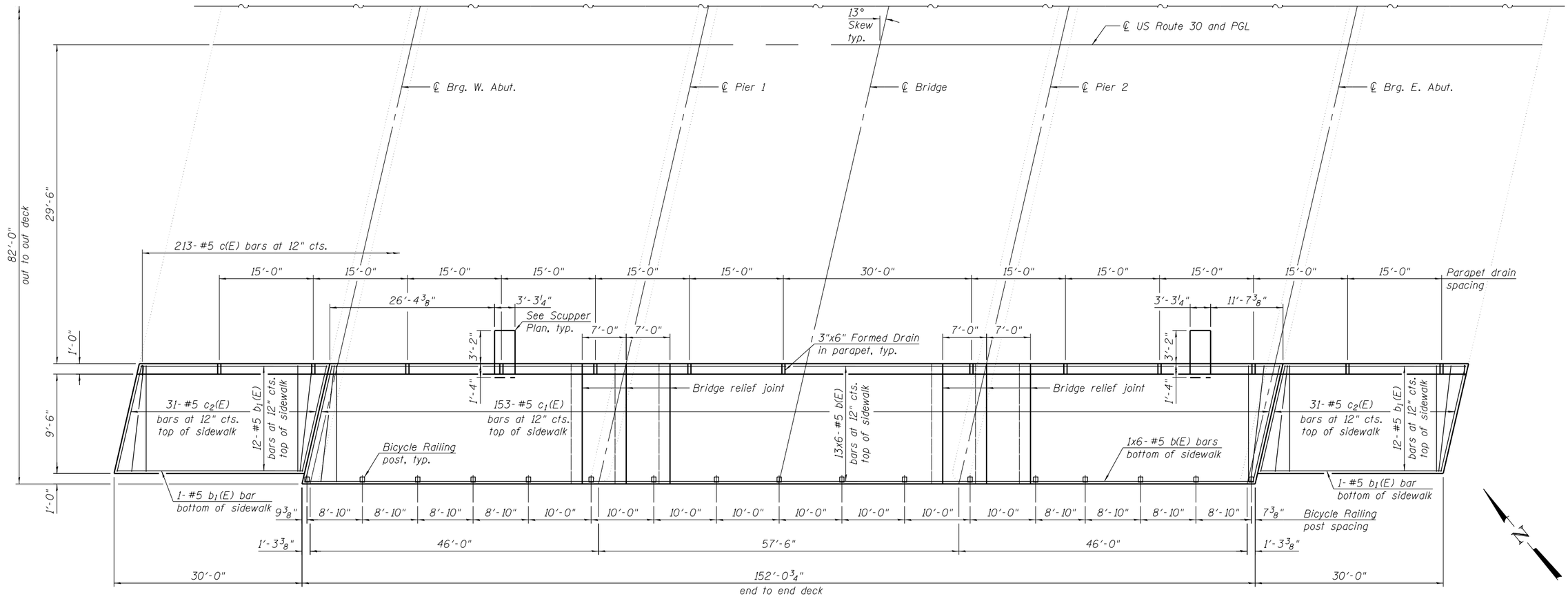
(Looking West)



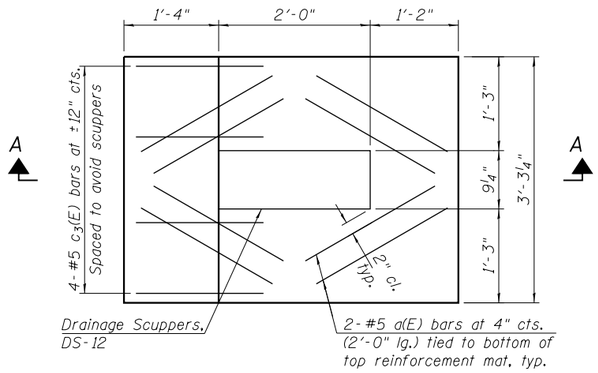
PARAPET JOINT DETAILS

* Drill and set c(E), d_1(E) or d_2(E) according to Article 509.06 of the Standard Specifications. Drilled holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of hole shall not exceed 6". Contractor shall take all necessary precautions to prevent drilled-hole interference with deck reinforcement bars. Locate longitudinal bars to miss drilled locations. Locate drilled holes to miss transverse bars in deck.

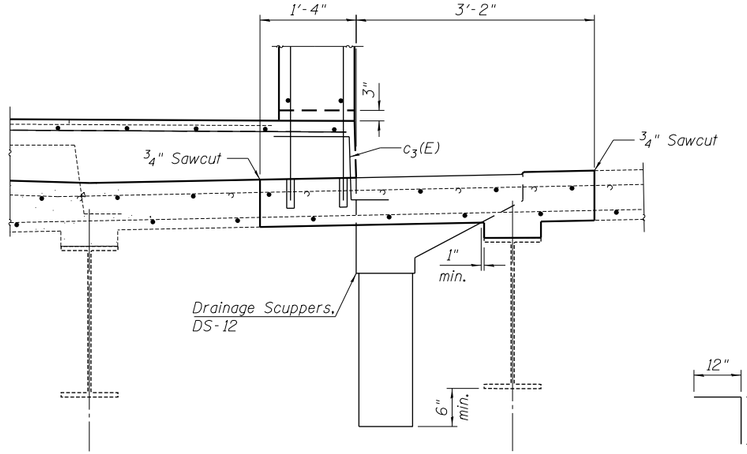
Note:
Existing stud shear connectors to remain.



PLAN



SCUPPER PLAN



SECTION A-A

Notes:

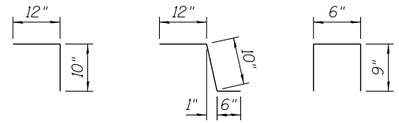
The Contractor shall exercise extreme care while doing concrete removal operations over the beams. Any damage is to be repaired by the Contractor at his own expense.

Longitudinal reinforcement shall be removed if a 2" clearance cannot be maintained. Cost to be included with Concrete Removal.

Existing reinforcement shall be cleaned and incorporated into new construction. Cost included with Concrete Removal.

MINIMUM BAR LAP

#5 bar = 3'-3"



BAR c(E) BAR c3(E) BAR d(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	16	#5	2'-0"	——
b(E)	84	#5	28'-1"	——
b1(E)	26	#5	29'-9"	——
c(E)	205	#5	1'-10"	⌝
c1(E)	153	#5	11'-2"	——
c2(E)	62	#5	10'-3"	——
c3(E)	8	#5	2'-4"	⌞
d(E)	46	#4	2'-0"	⊓
d1(E)	213	#6	3'-3"	——
d2(E)	213	#5	3'-3"	——
e(E)	24	#4	14'-8"	——
e1(E)	36	#4	13'-1"	——
e2(E)	24	#4	6'-8"	——
e3(E)	18	#4	14'-2"	——
Reinforcement Bars, Epoxy Coated		Pound	8,830	
Concrete Superstructure		Cu. Yd.	75.9	
Protective Coat		Sq. Yd.	393	

Bars indicated thus 1 x 15-#5 etc. indicates 1 line of bars with 15 lengths per line.

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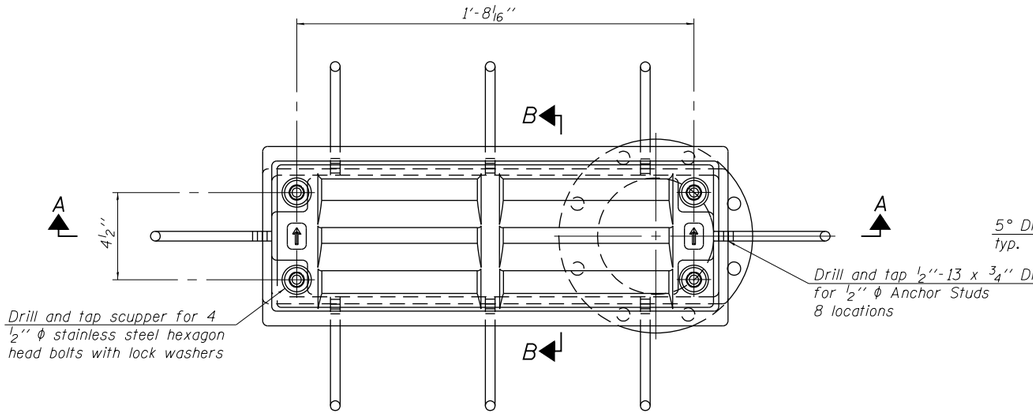
USER NAME = jrmickow	DESIGNED - JRM	REVISED -
	CHECKED - KAH	REVISED -
PLOT SCALE = 10.0.0000 '' / in.	DRAWN - JRM	REVISED -
PLOT DATE = 11/21/2014	CHECKED - DL/KAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

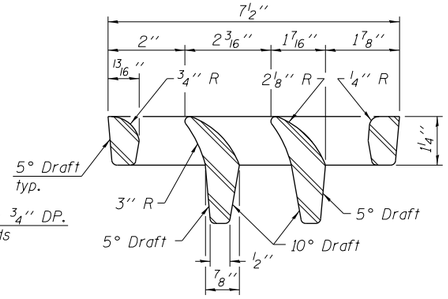
SUPERSTRUCTURE DETAILS II
STRUCTURE NO. 099-4648

SHEET NO. 6 OF 8 SHEETS

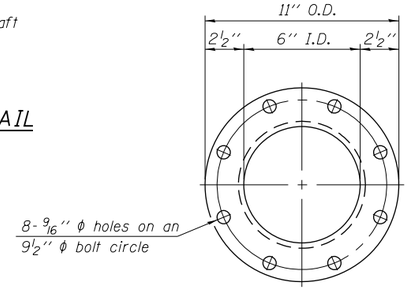
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W-R	WILL	681	375
		CONTRACT NO. 60P95		
	ILLINOIS FED. AID PROJECT			



PLAN



VANE GRATE DETAIL



Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.

Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.

Downspouts located on the exterior side of a painted steel fascia beam shall be painted with the finish coat specified for the exterior side of the fascia beam.

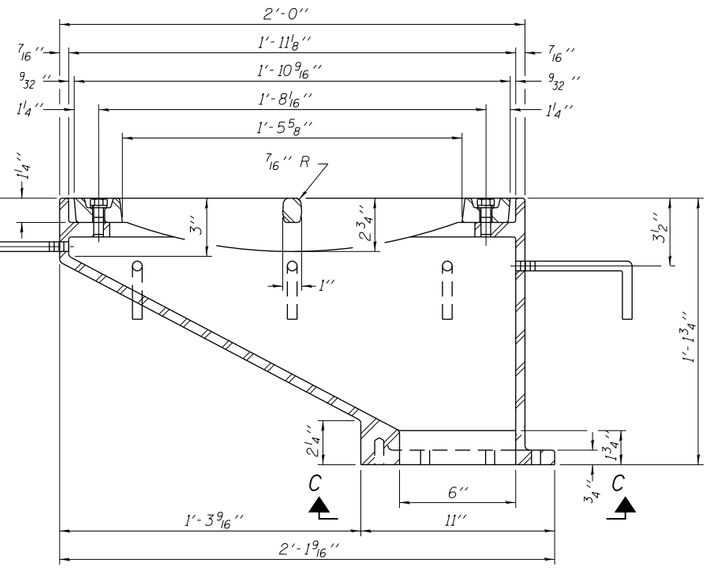
As an alternate, bolts, anchor studs, washers and nuts may be stainless steel according to Article 1006.29(d) of the Standard Specifications.

Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frame. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted for the cast iron scupper grate. Structural steel frames and downspouts shall be galvanized according to AASHTO M111.

The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

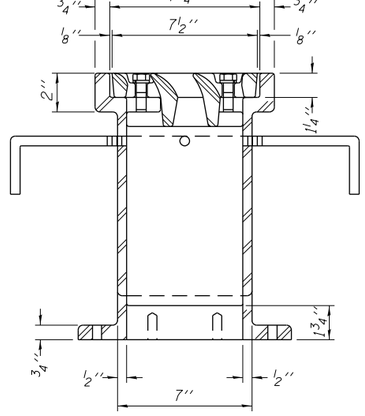
Cost of the Grate, Frame, Downspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-12.

Alternate fiberglass downspout conforming to ASTM D 2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. may be used in lieu of the cast iron or steel equivalent.

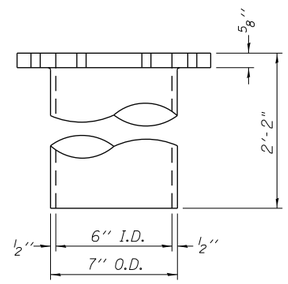


SECTION A-A

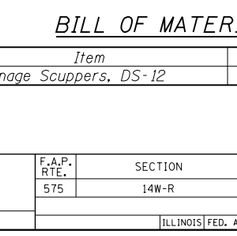
See sheet 1 of 8 for scupper location relative to sidewalk.



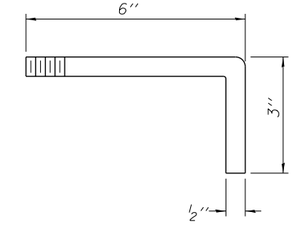
SECTION B-B



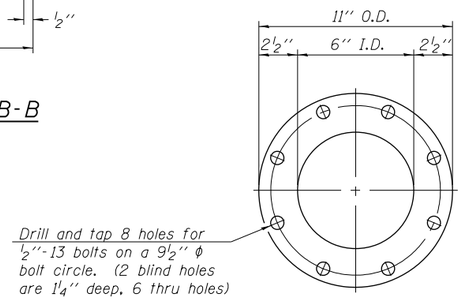
DOWNSPOUT



BOLT HOLE DETAIL



ANCHOR STUD DETAIL



VIEW C-C

BILL OF MATERIAL

Item	Unit	Quantity
Drainage Scuppers, DS-12	Each	2

DS-12 7-1-10

USER NAME = bshaefliger	DESIGNED - KAH	REVISED -	
	CHECKED - JRM	REVISED -	
PLOT SCALE = 2:0.0000 '' / in.	DRAWN - TLO	REVISED -	
PLOT DATE = 10/23/2014	CHECKED - DL	REVISED -	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCUPPER, DS-12
STRUCTURE NO. 099-4648
SHEET NO. 7 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W-R	WILL	681	376
		CONTRACT NO. 60P95		
	ILLINOIS FED. AID PROJECT			

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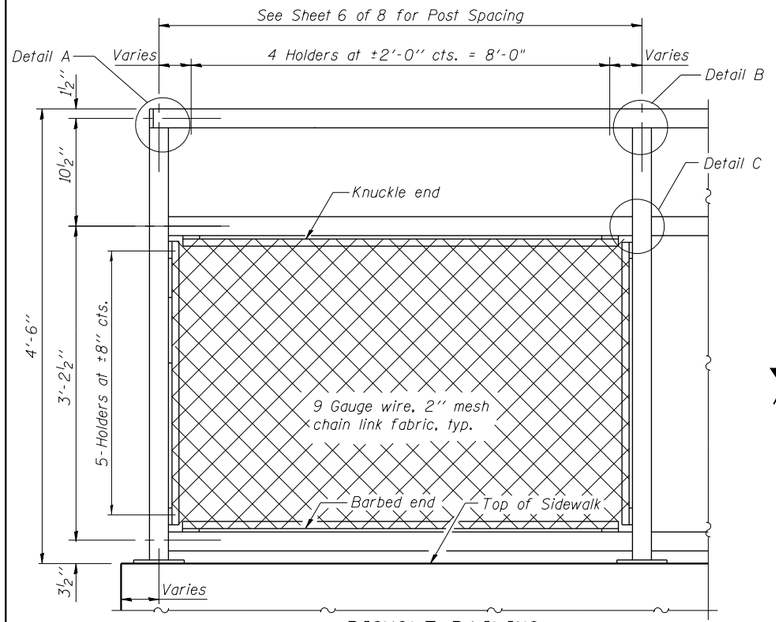
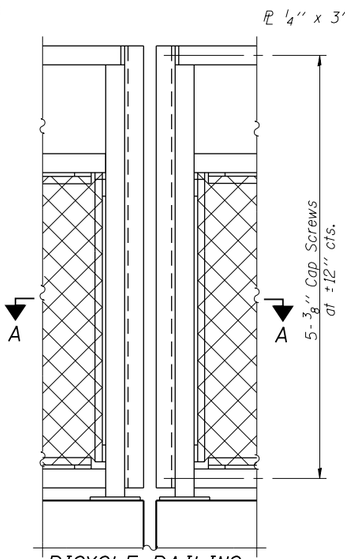
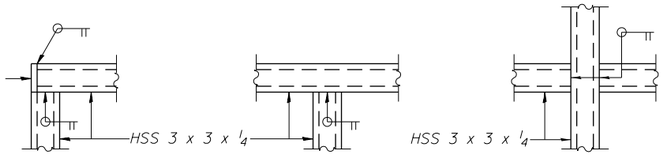


BICYCLE RAILING

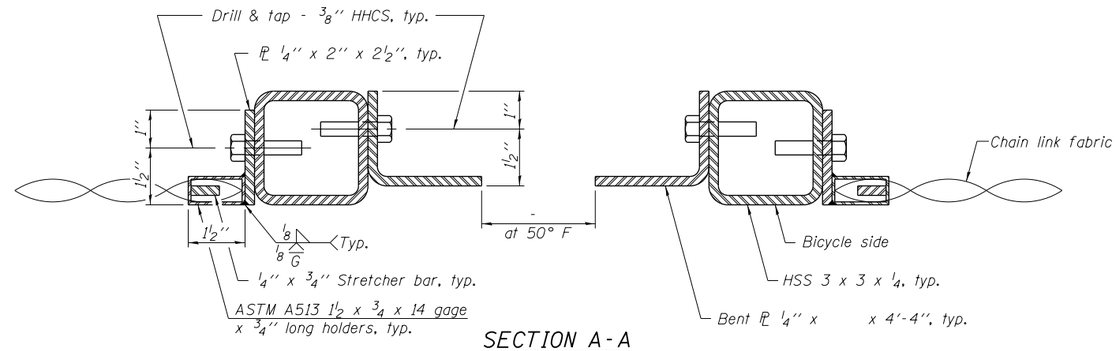


BICYCLE RAILING

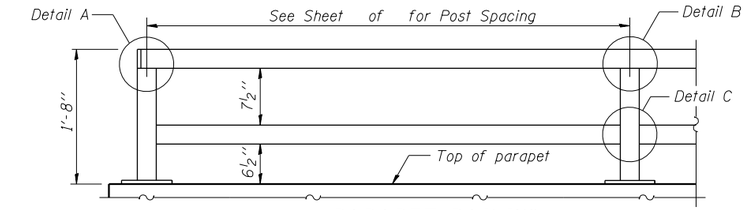
All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.



DETAIL A DETAIL B DETAIL C

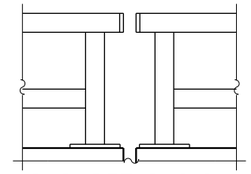


SECTION A-A



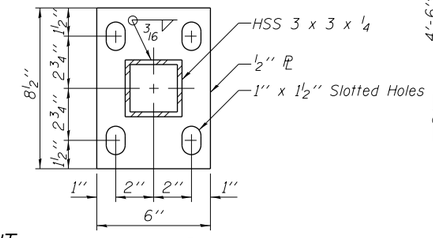
PARAPET RAILING ELEVATION

(Inside Face of Two Element Rail)

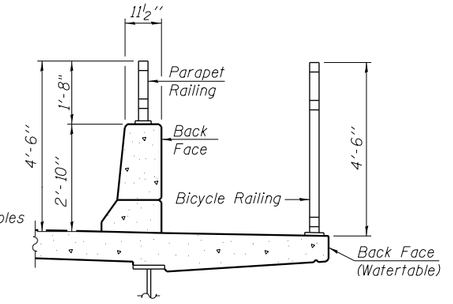


PARAPET RAILING ELEVATION AT EXPANSION JOINT

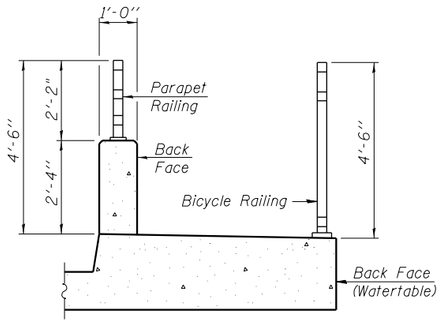
(Two Element Rail Shown - Three Element Rail Similar)



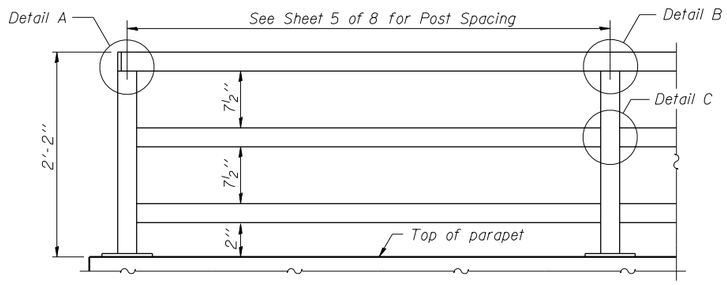
BASE PL



SECTION THRU DECK

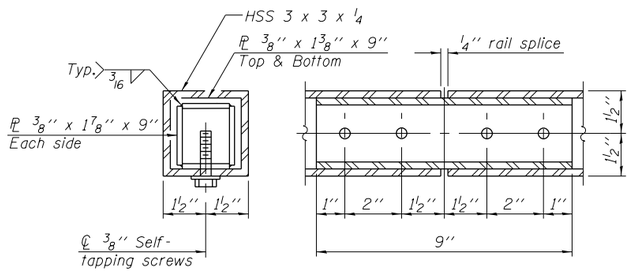


SECTION THRU SIDEWALK

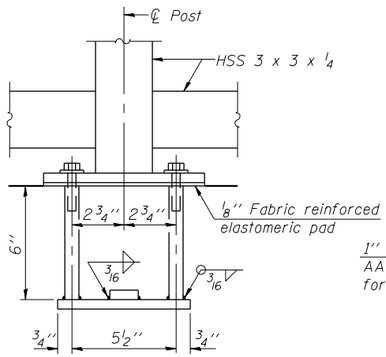


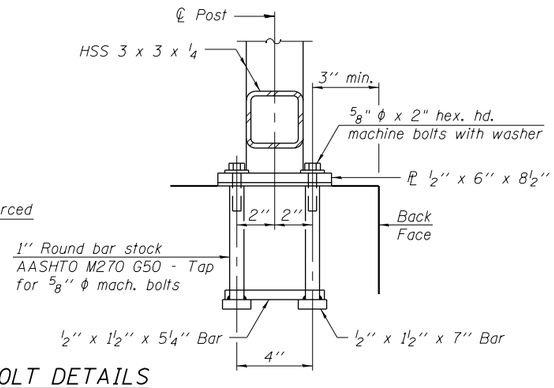
PARAPET RAILING ELEVATION

(Inside Face of Three Element Rail)



RAIL SPLICE





ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝" ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

BILL OF MATERIAL

Item	Unit	Quantity
Bicycle Railing	Foot	153
Parapet Railing	Foot	213

R-29

1-27-12 (10'-0" Maximum Post Spacing)

USER NAME = bshaefliger	DESIGNED - KAH	REVISED -	
	CHECKED - JRM	REVISED -	
PLOT SCALE = 2±0.0000 '' / in.	DRAWN - TLO	REVISED -	
PLOT DATE = 10/23/2014	CHECKED - DL	REVISED -	

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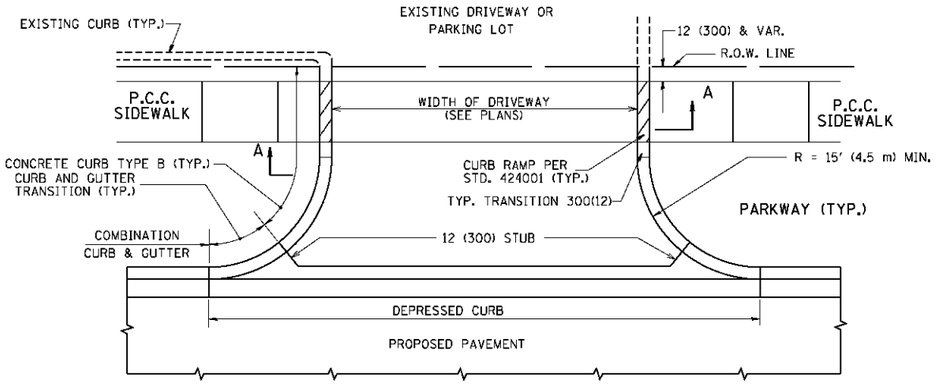
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

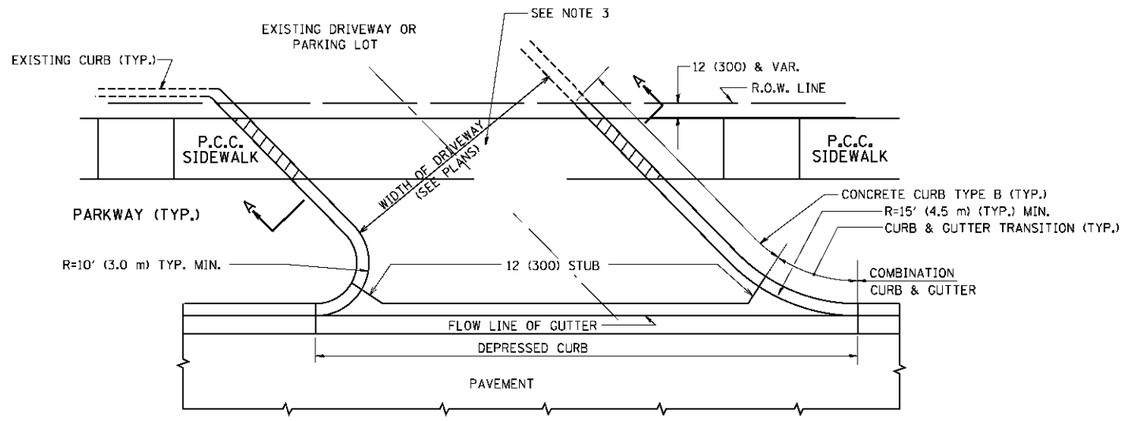
BICYCLE AND PARAPET RAILING
STRUCTURE NO. 099-4648
SHEET NO. 8 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W-R	WILL	681	377
		CONTRACT NO. 60P95		
		ILLINOIS FED. AID PROJECT		

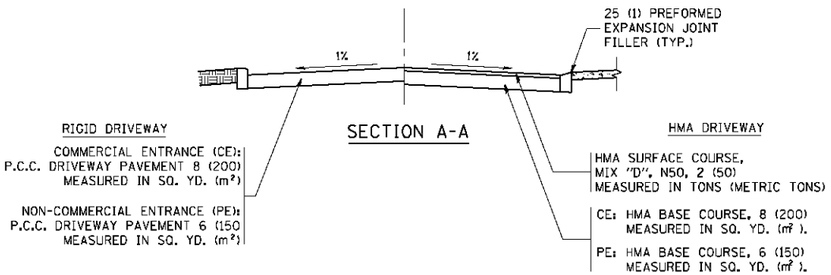
9:06:23 AM - G:\CHI2\002\Bridge\Cadd\Sheets\0994648-60P95-08-RAIL.dgn

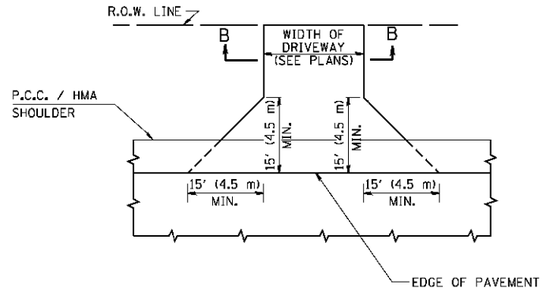


WITH CONCRETE CURB, TYPE B

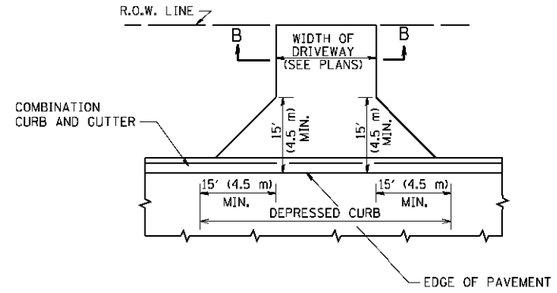


WITH CONCRETE CURB, TYPE B

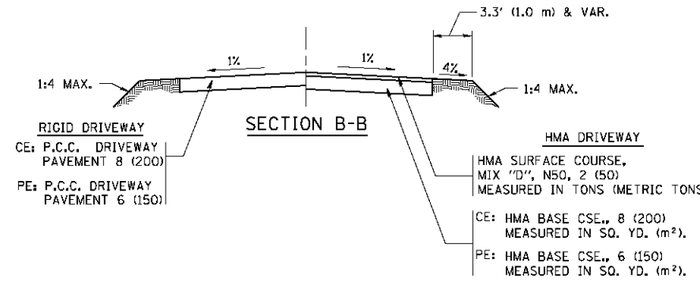




ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX "D", N50, 2 (50) MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

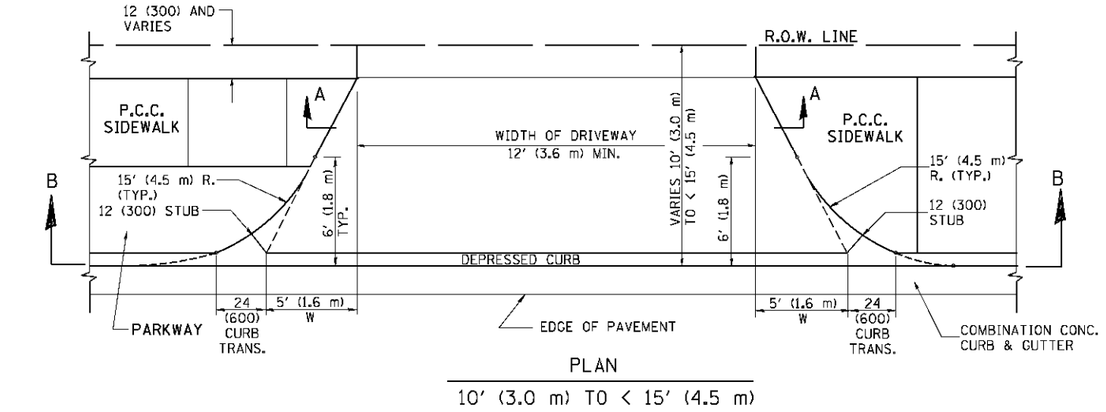
THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

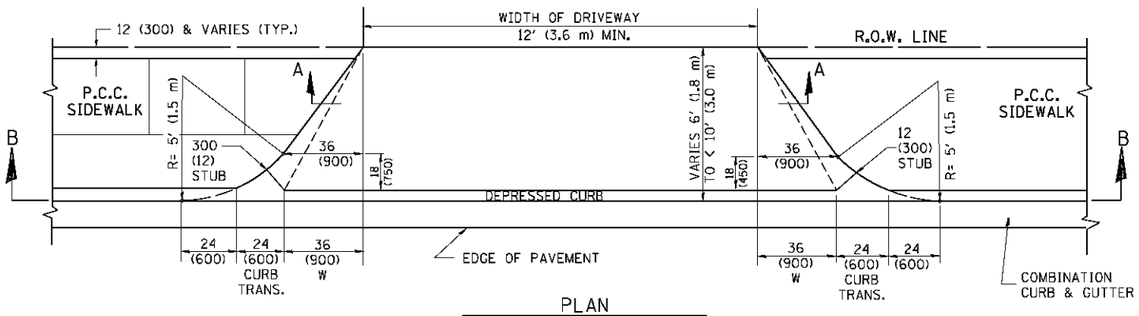
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

FILE NAME = c:\pw_work\pwidot\leyaa\d0188315\bd01.dgn	USER NAME = leyaa	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 01-01-07			575	14W - R	WILL	681	378
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 06-11-08			BD0156-07 (BD-01)		CONTRACT NO. 60P95		
	PLOT DATE = 9/6/2011	DATE - 11-04-95	REVISED - R. BORO 09-06-11		SCALE: NONE / SHEET NO. 1 OF 1 SHEETS / STA. / TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



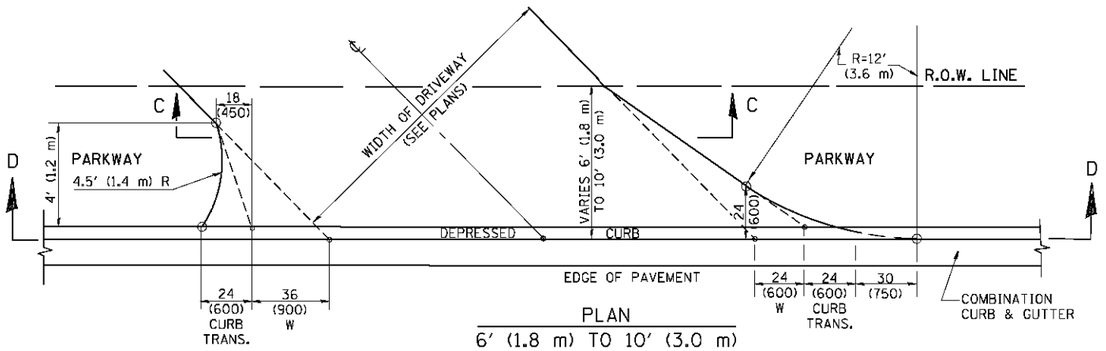
PLAN

10' (3.0 m) TO < 15' (4.5 m)



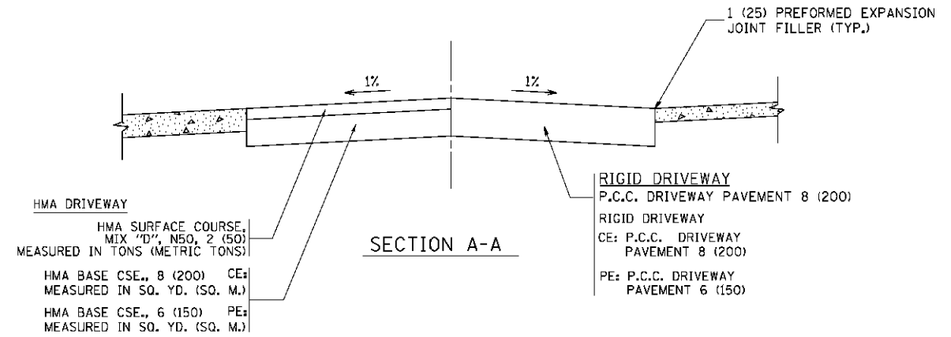
PLAN

6' (1.8 m) TO < 10' (3.0 m)

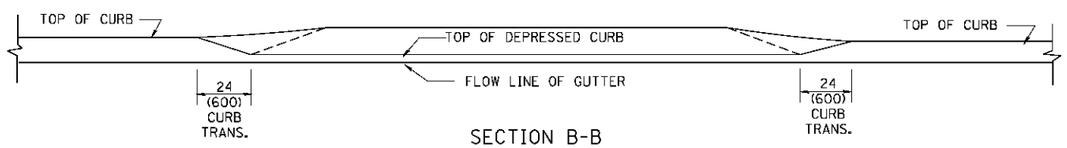


PLAN

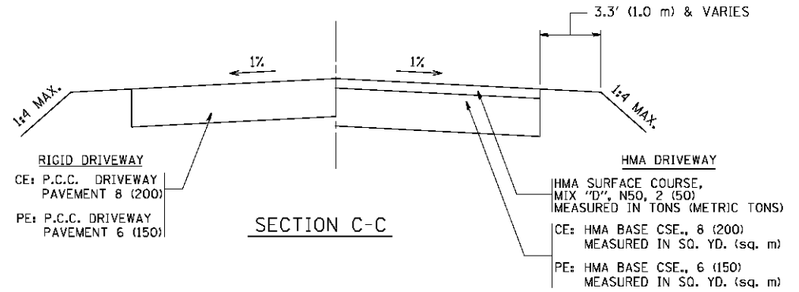
6' (1.8 m) TO 10' (3.0 m)



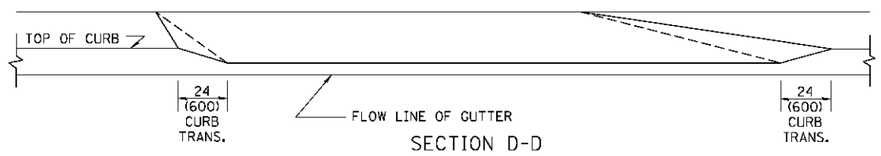
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

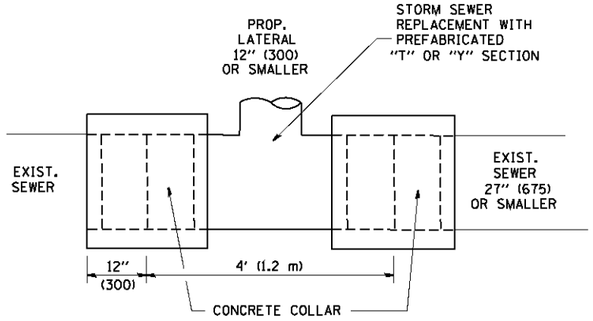
FILE NAME = c:\pw_work\pwidot\leyse\d0188315\bd02.dgn	USER NAME = leyse	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
		DRAWN -	REVISED - P. LaFLEUR 04-15-03
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 10/28/2011	DATE - 11-06-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)

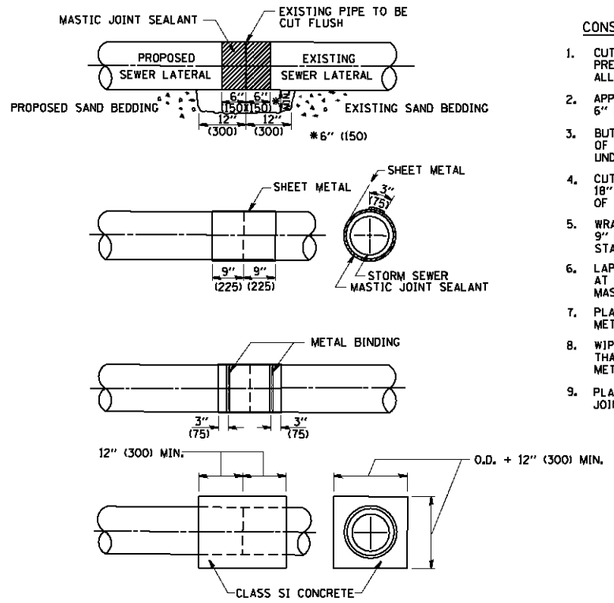
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	379
	BD400-02 (BD-02)	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

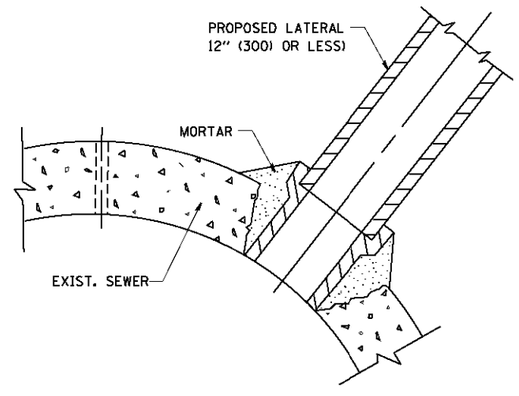


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".

B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

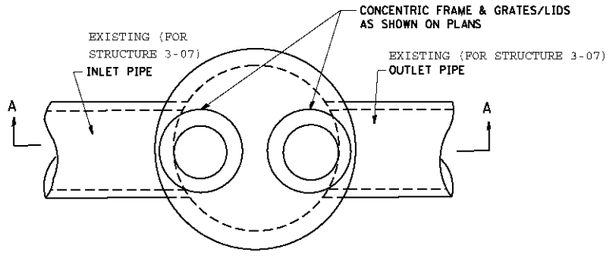
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

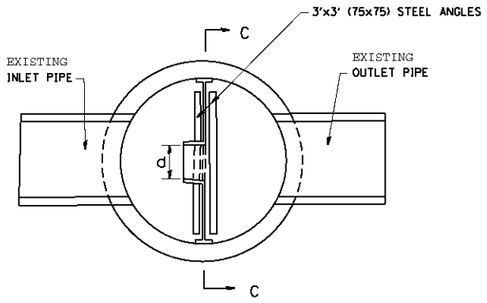
CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

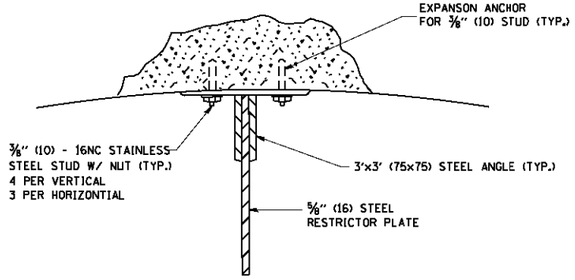
FILE NAME = W:\diststd\22x34\bd07.dgn	USER NAME = gaglionabt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. SHAH 09-09-94					575	14W - R	WILL	681	380
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94						BD500-01 (BD-7)		CONTRACT NO. 60P95	
	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



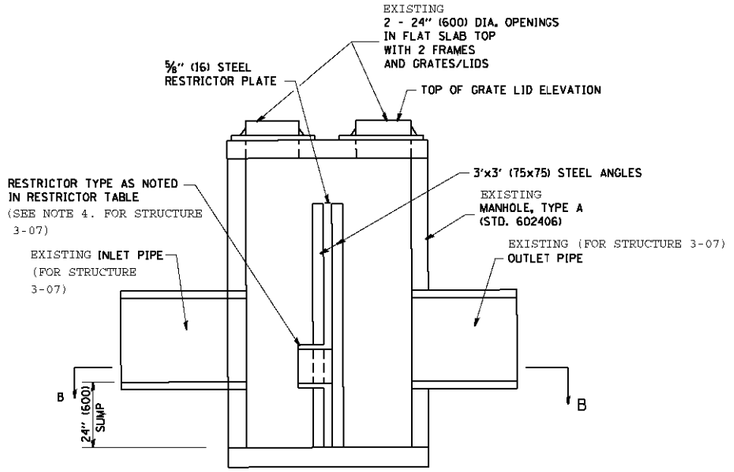
PLAN



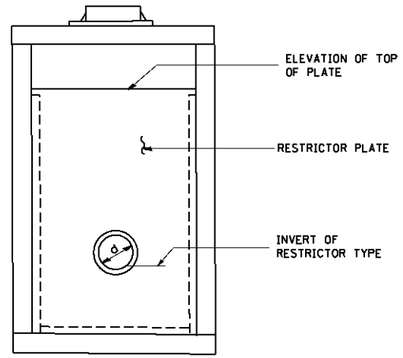
SECTION B-B



ANGLE FASTENER DETAIL



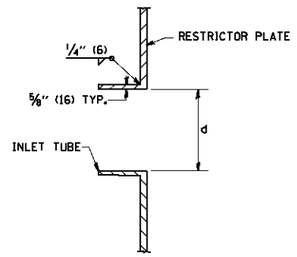
SECTION A-A



SECTION C-C

NOTES:

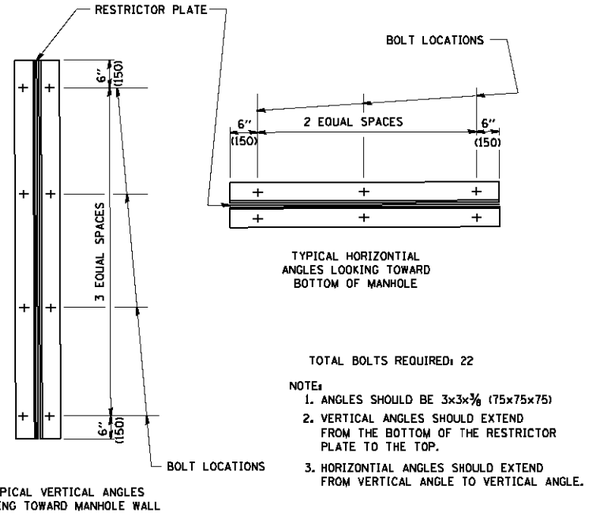
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: DRAINAGE RESTRICTOR, EACH.



INLET TUBE DETAIL

NOTE 4:
REMOVE EXISTING RESTRICTOR PLATE AND INSTALL NEW RESTRICTOR PLATE WITH INSIDE RESTRICTOR TYPE DIAMETER LISTED BELOW IN RESTRICTOR TABLE.

STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
3-07 3676+74	EX 8-FT	EX TY 1 FR & CL	2	23"	589.68	595.87
12-07 3764+00	6-FT	TY 1 FR & CL	2	18"	599.78	604.29



TYPICAL VERTICAL ANGLES LOOKING TOWARD MANHOLE WALL

TYPICAL HORIZONTIAL ANGLES LOOKING TOWARD BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:
1. ANGLES SHOULD BE 3x3x⅜ (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTIAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

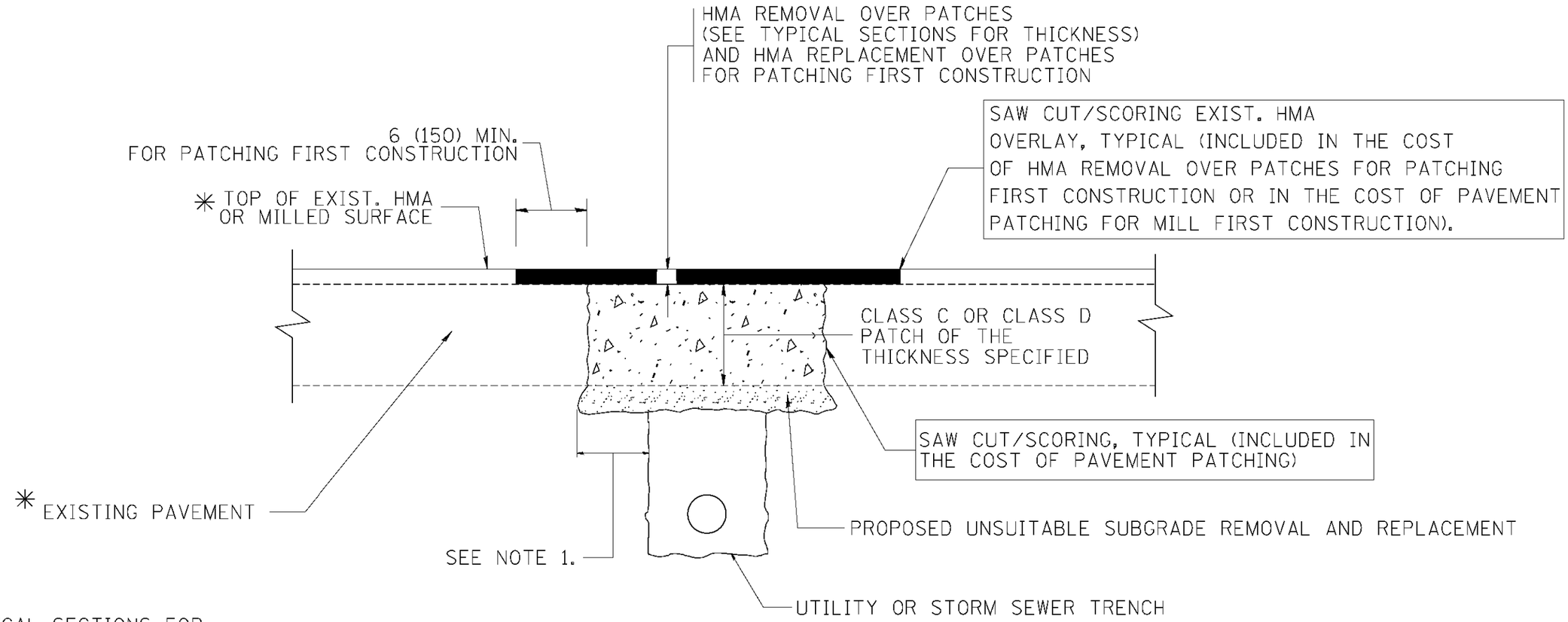
STEEL ANGLE BOLTING DETAILS

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: ½ TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-½ DIA.	LENGTH: 2-½ DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd12.dgn	USER NAME = gaglienobt	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MANHOLE WITH RESTRICTOR PLATE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - E. GOMEZ 08-28-00					575	14W - R	WILL	681	381
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 01-08-01					BD600-04 (BD-12)		CONTRACT NO. 60P95		
	PLOT DATE = 1/4/2008	DATE - 09-09-94	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

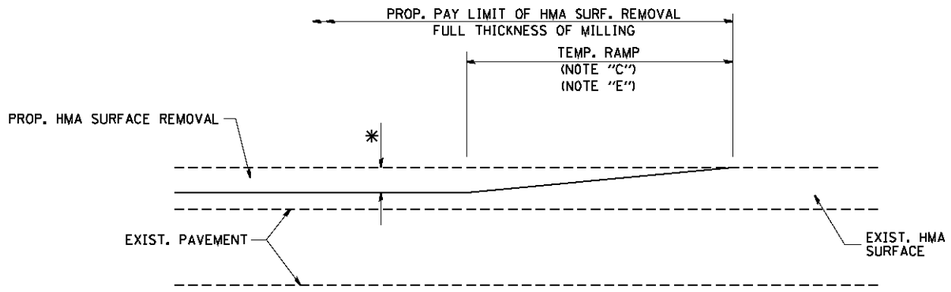
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST $4\frac{1}{2}$ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

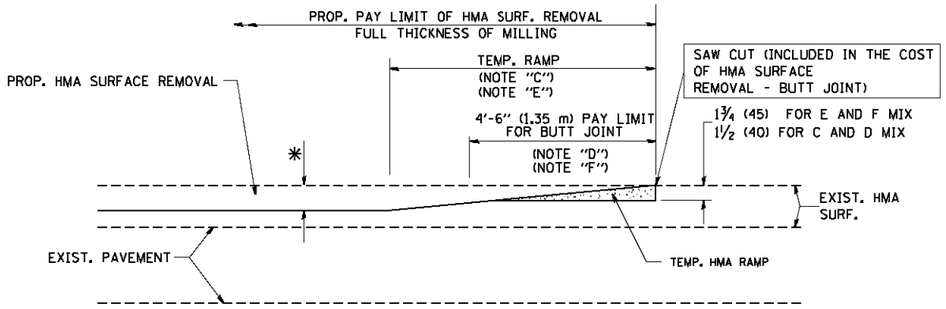
FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 01-01-07					575	14W - R	WILL	681	382
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. BORO 09-04-07					BD400-04 (BD-22)		CONTRACT NO. 60P95		
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

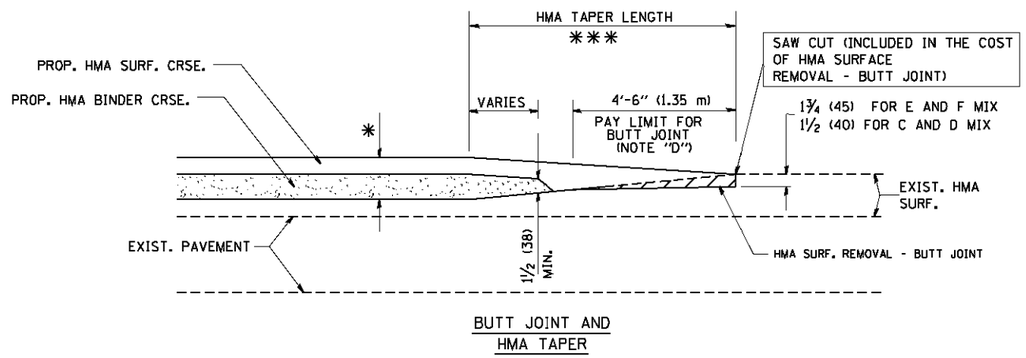


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

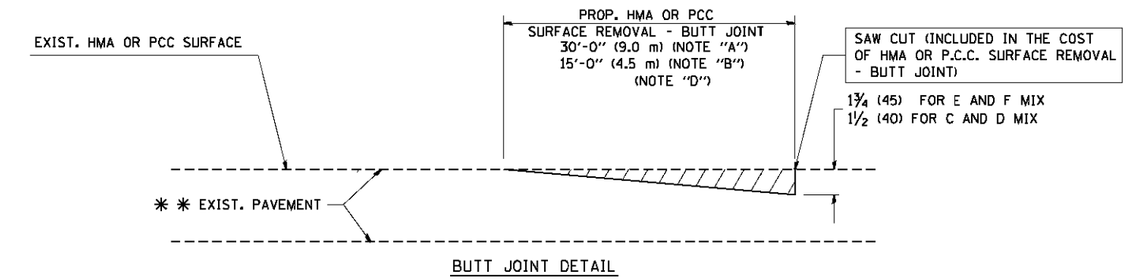
OPTION 2

TYPICAL TEMPORARY RAMP

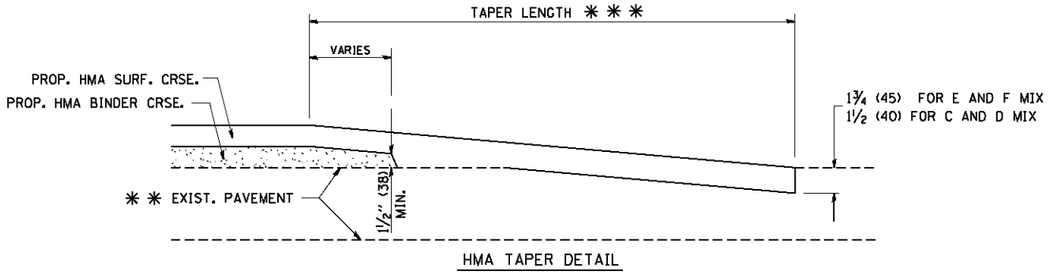


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

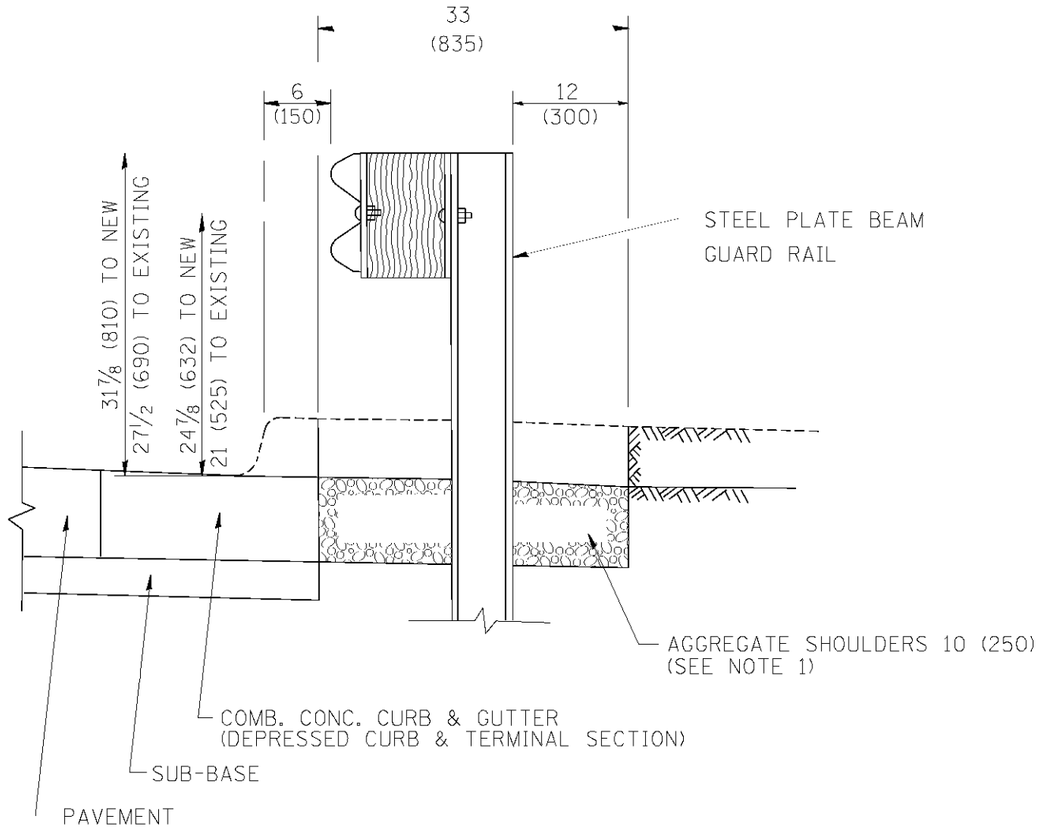
FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gegliarabt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

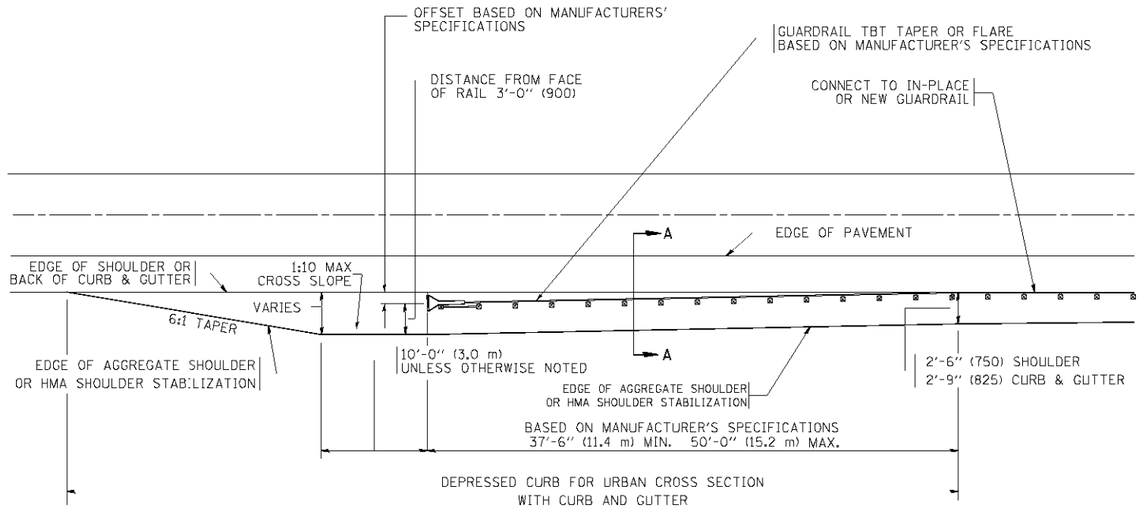
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	383
	BD400-05 BD32	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



SECTION A-A

NOTES:
1. THE AGGREGATE SHOULDER, 10" OR HMA SHOULDER, 6" (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER [FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



DEPRESSED CURB AND GUTTER AND SHOULDER TREATMENT AT TBT TY. 1 SPL.

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDERS 6" (150 mm)".

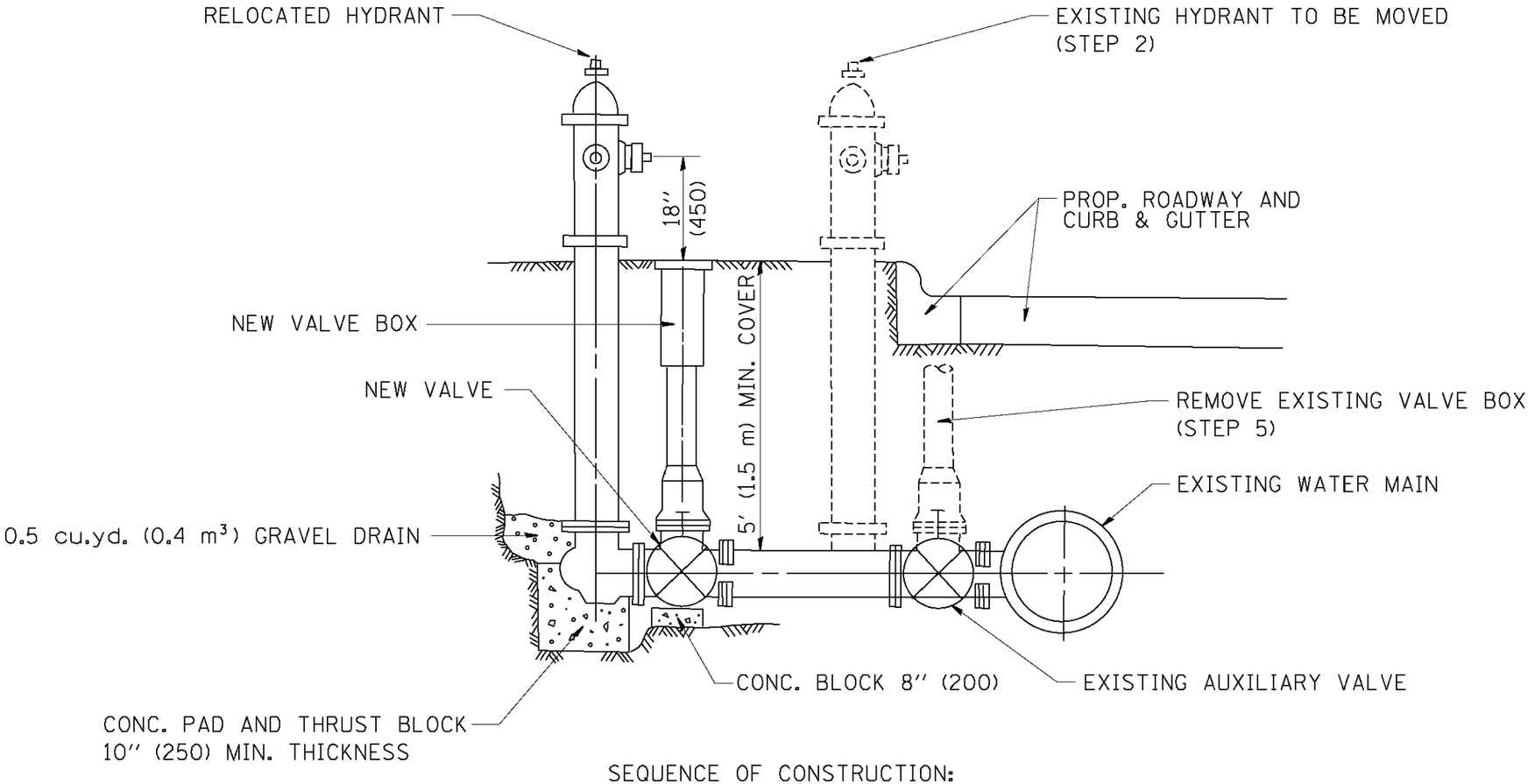
STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME c:\pwwork\PWIDOT\DRIVAKDSGN\d0100315\bd34.dgn	USER NAME drawakoogn	DESIGNED - M. DE YONG	REVISED - E. GOMEZ 08-28-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL.
	PLOT SCALE 49.9999 '/ IN.	DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.
	PLOT DATE 9/21/2009	CHECKED -	REVISED - R. BORO 12-08-2008		
		DATE - 09-22-90	REVISED - R. BORO 09-14-2009		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	384
	BD600-10 (BD 34)	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

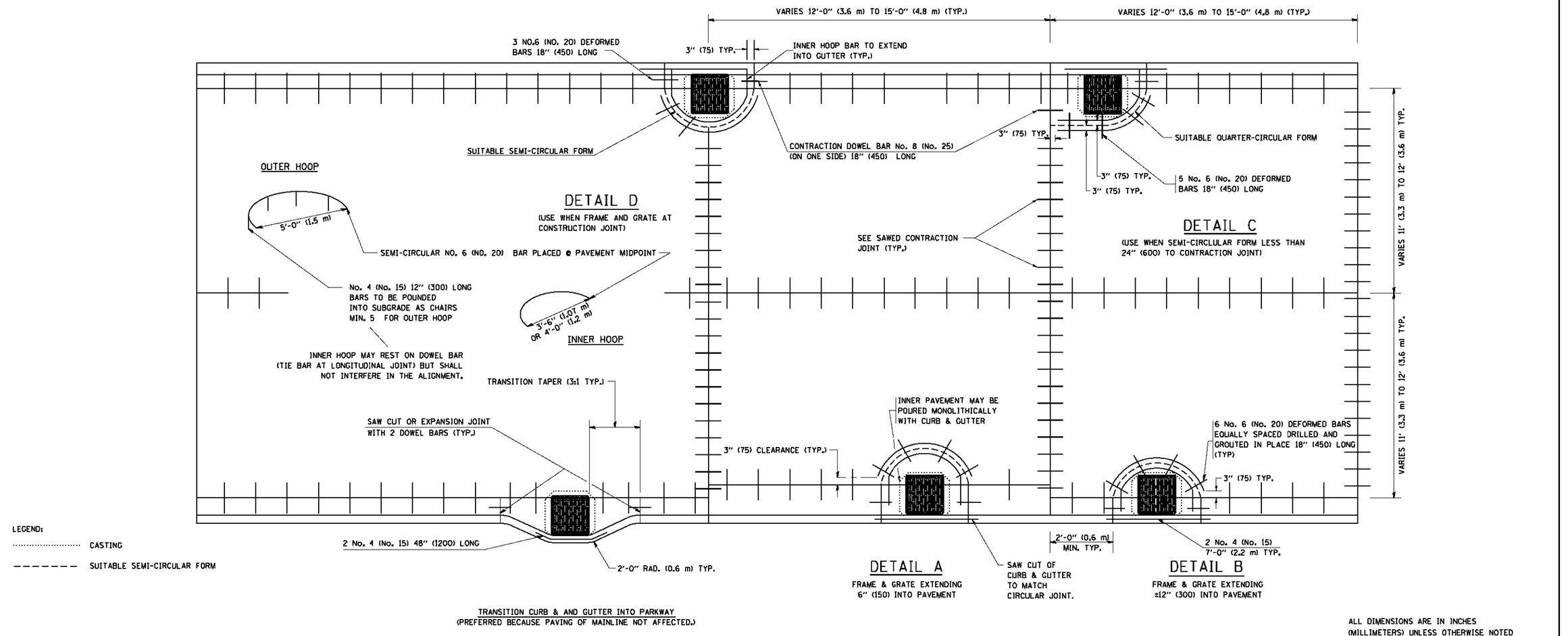
FILE NAME = W:\diststd\22x34\bd36.dgn	USER NAME = gegliomabt	DESIGNED -	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIRE HYDRANT TO BE MOVED	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. SHAH 10-25-94			575	14W - R	WILL	681	385
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -				BD-36		CONTRACT NO. 60P95	
	PLOT DATE = 1/4/2008	DATE -	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

DESIGNER NOTE:
THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS LESS THAN 24"

NOTES :

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



TRANSITION CURB & AND GUTTER INTO PARKWAY
(PREFERRED BECAUSE PAVING OF MAINLINE NOT AFFECTED.)

ALL DIMENSIONS ARE IN INCHES
(MILLIMETERS) UNLESS OTHERWISE NOTED

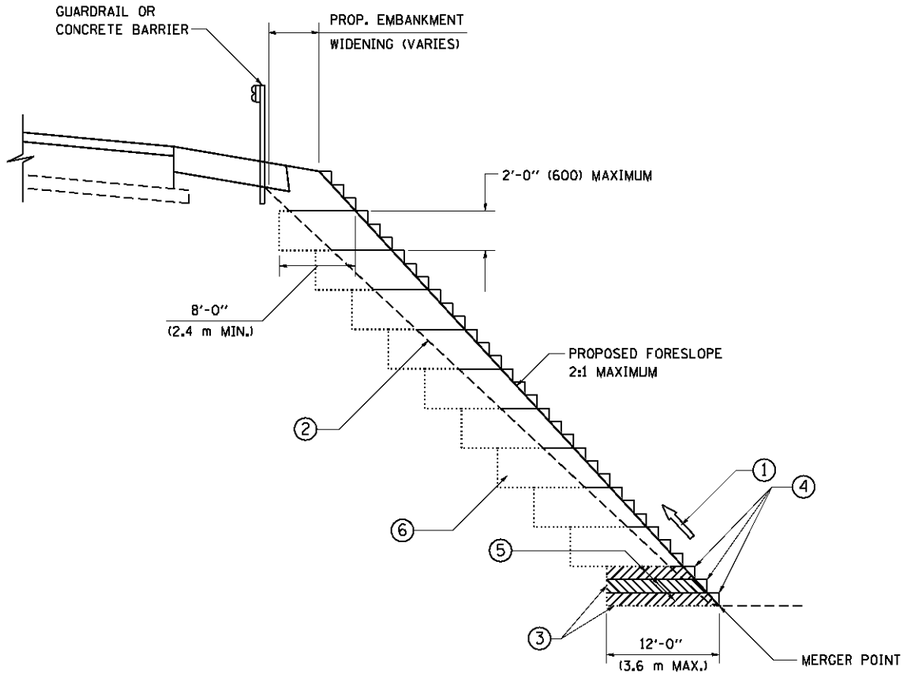
FILE NAME = W:\diststd\22x34\bd48.dgn	USER NAME = gegliamobt	DESIGNED - A. ABBAS	REVISED - T. MATOUSEK 08-28-00
		DRAWN - TOM MATOUSEK	REVISED - T. MATOUSEK 10-02-00
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - A. ABBAS	REVISED - T. MATOUSEK 04-25-02
	PLOT DATE = 1/4/2008	DATE - 01-04-99	REVISED - P. LAFLEUR 08-27-02

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	386
	BD-48	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



TYPICAL BENCHING DETAIL FOR EMBANKMENT

NOTES:

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
6. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd51.dgn	USER NAME = gagliarabt	DESIGNED -	REVISED -
		DRAWN - CADD	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - S.E.B.	REVISED -
	PLOT DATE = 1/4/2008	DATE - 06-16-04	REVISED -

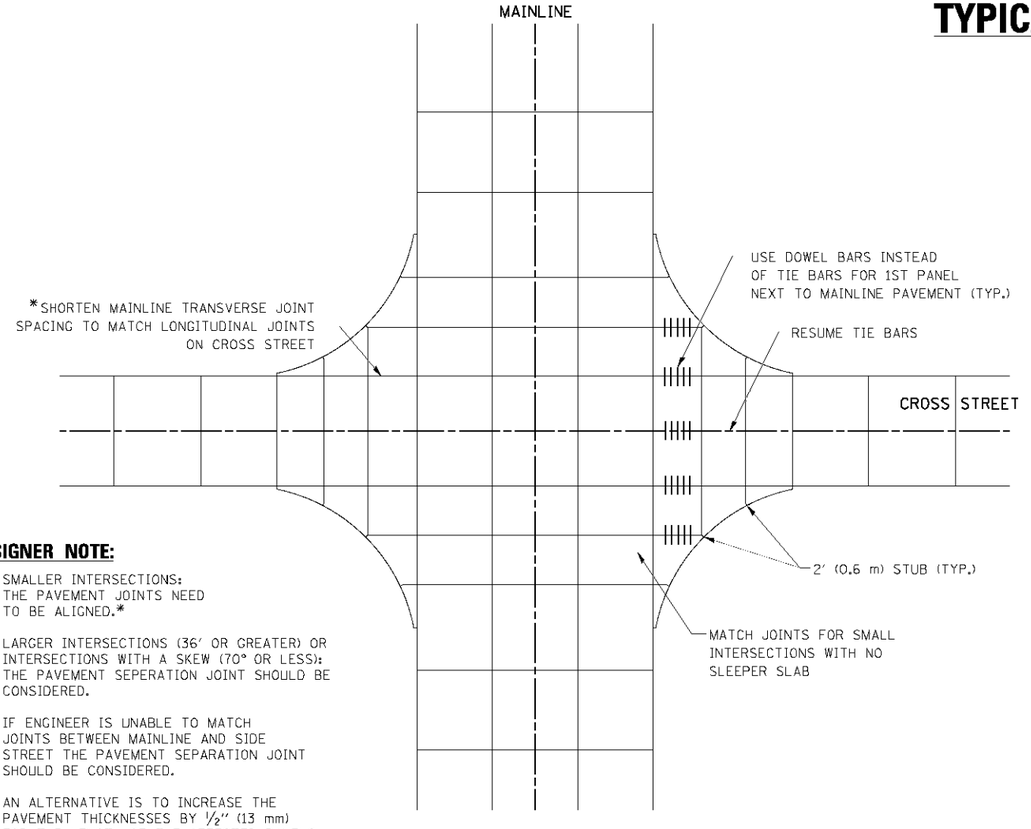
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BENCHING DETAIL
FOR EMBANKMENT WIDENING

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	387
	BD-51	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TYPICAL APPLICATION

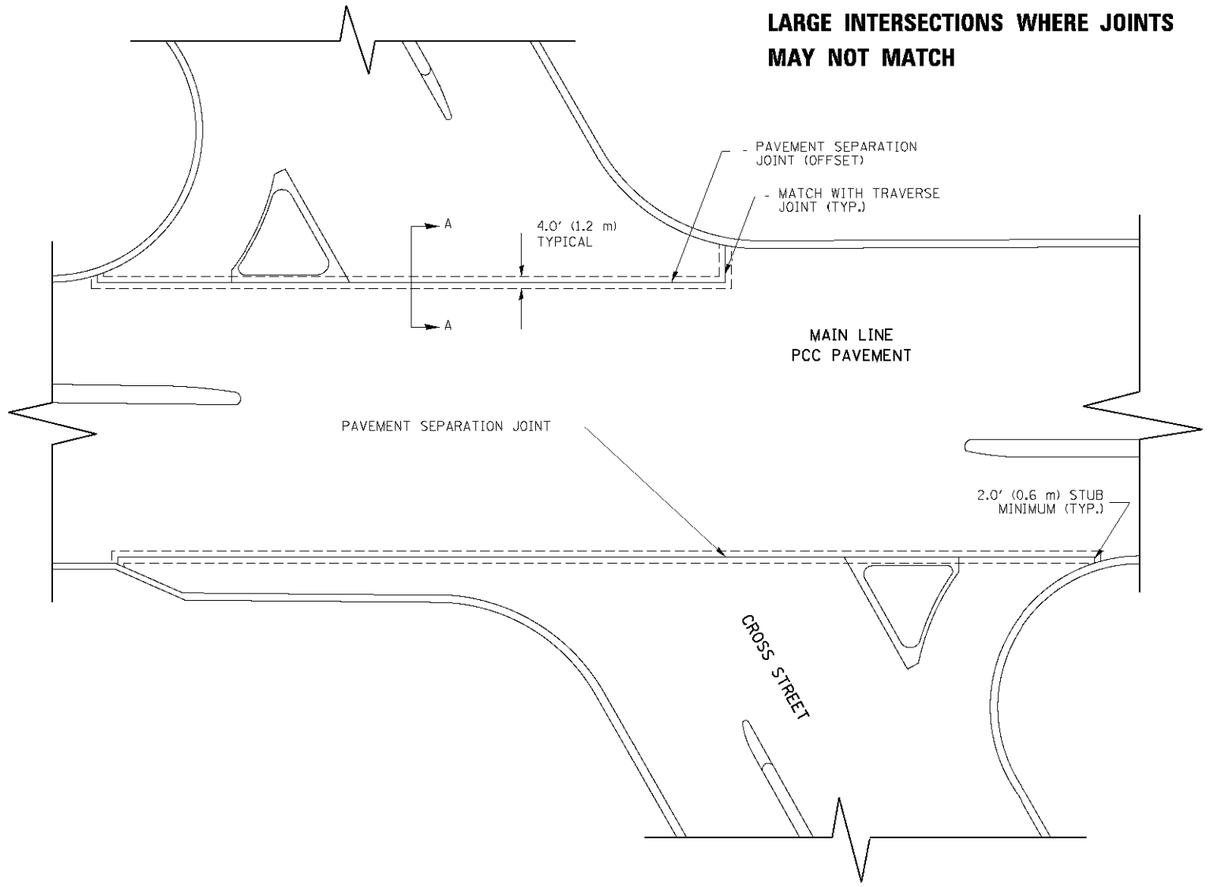


PLAN

DESIGNER NOTE:

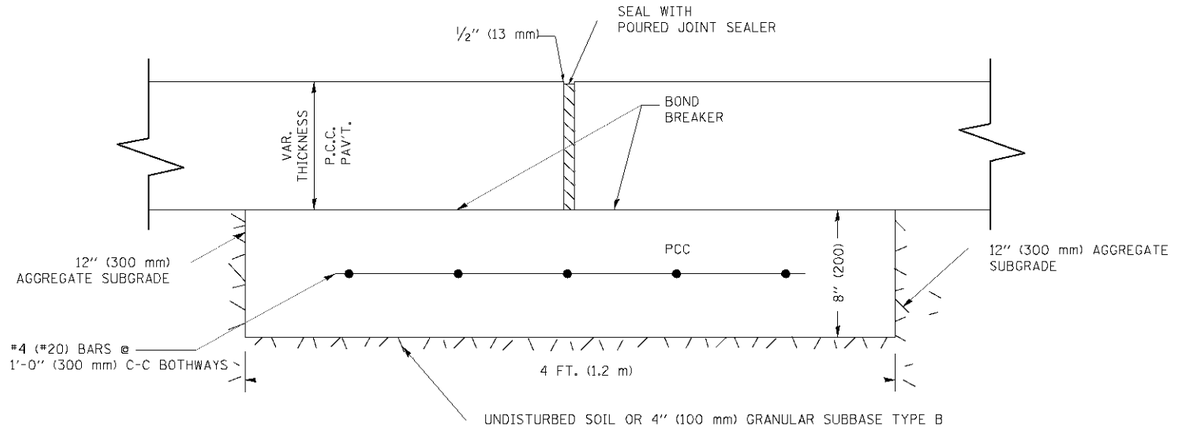
1. SMALLER INTERSECTIONS: THE PAVEMENT JOINTS NEED TO BE ALIGNED.*
2. LARGER INTERSECTIONS (36' OR GREATER) OR INTERSECTIONS WITH A SKEW (70° OR LESS): THE PAVEMENT SEPERATION JOINT SHOULD BE CONSIDERED.
3. IF ENGINEER IS UNABLE TO MATCH JOINTS BETWEEN MAINLINE AND SIDE STREET THE PAVEMENT SEPARATION JOINT SHOULD BE CONSIDERED.
4. AN ALTERNATIVE IS TO INCREASE THE PAVEMENT THICKNESSES BY ½" (13 mm) FOR THE LENGTH OF THE AFFECTED PANELS AT THE INTERSECTION. FOR LARGE INTERSECTIONS (6 LANES
5. OR MORE) WHERE JOINTS CAN BE MATCHED, USE #8 (25) DOWEL BARS INSTEAD OF #8 (25) TIE BARS AT EDGE OF MAINLINE PAVEMENT WHEN NO PAVEMENT SEPARATION JOINTS USED.

THE USE OF CROSS STREET PAVEMENT SEPARATION JOINTS FOR SKEWED OR LARGE INTERSECTIONS WHERE JOINTS MAY NOT MATCH



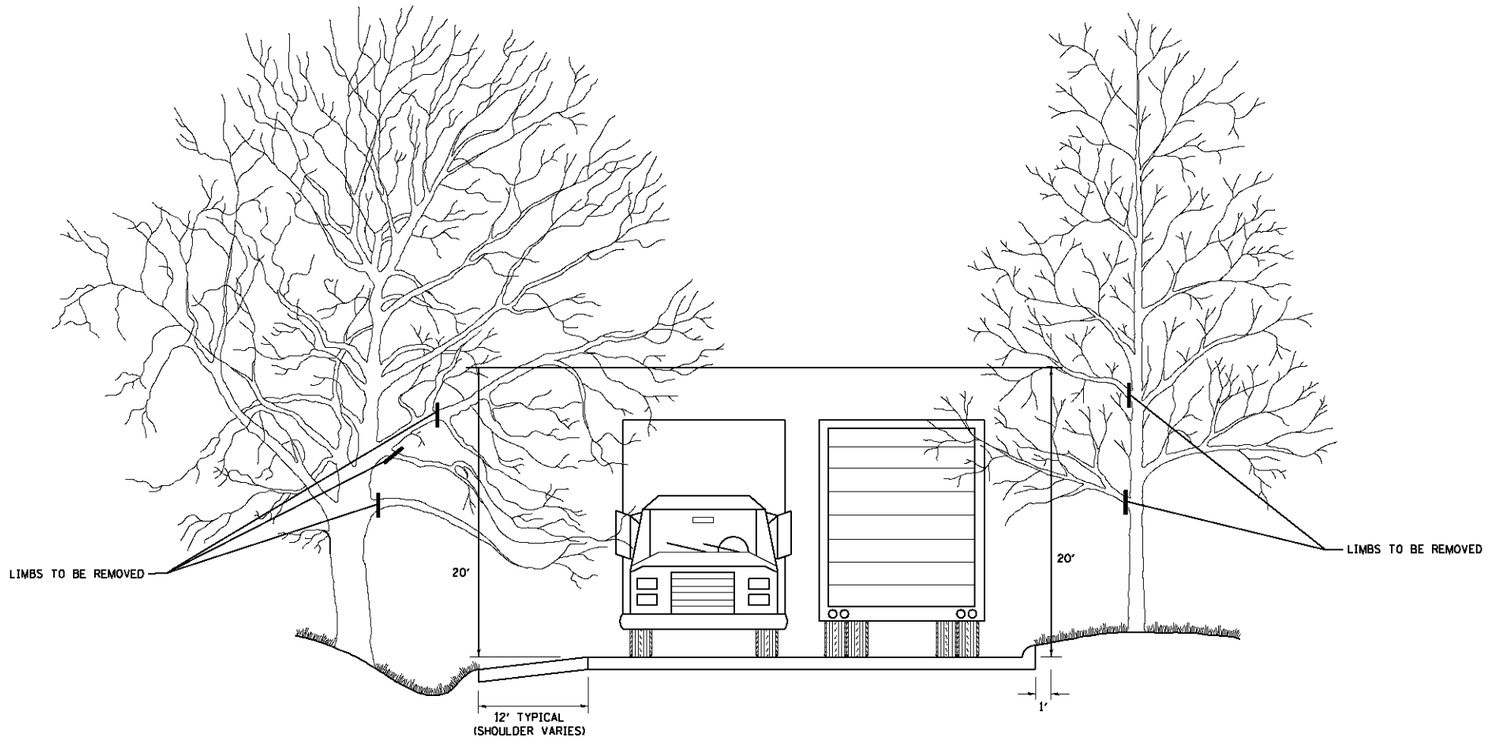
NOTE:

1. JOINT FILLER SHALL CONSIST OF A SHEET OF ½" (13 mm) BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO ARTICLE 1051.03 OF THE STANDARD SPECIFICATIONS.
2. THE JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
3. A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
4. JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER.
5. PAVEMENT SEPARATION JOINT IS TO BE PAID FOR AS "SLEEPER SLAB" AND IS TO BE MEASURED IN PLACE BY THE LINEAL FOOT.
6. BOND BREAKER AND ½" (13 mm) JOINT AND FILLER SHALL BE INCIDENTAL TO THE PAY ITEM "SLEEPER SLAB".

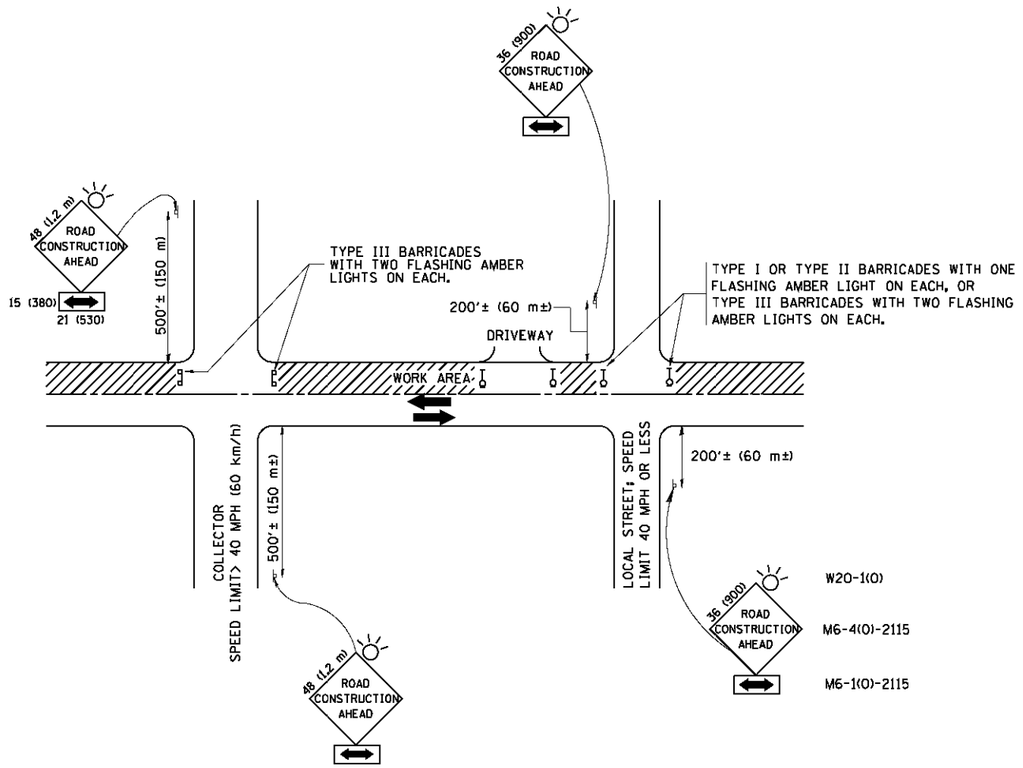


PROPOSED SECTION A–A

FILE NAME bd52.dgn	USER NAME loggd	DESIGNED -	REVISED - CADD 06-18-10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			575	14W - R	WILL	681	388
	PLOT SCALE 49.9999 ' / IN.	CHECKED -	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		BD52	CONTRACT NO. 60P95		
	PLOT DATE 2/25/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT		



FILE NAME = W:\diststd\22x34\bm20.dgn	USER NAME = gegliarabt	DESIGNED -	REVISED - R. BORO 10-31-06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						575	14W - R	WILL	681	389
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -							BM-20		CONTRACT NO. 60P95	
	PLOT DATE = 1/4/2008	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

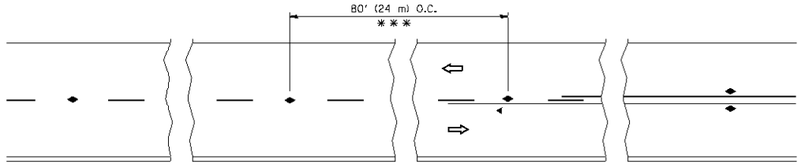
FILE NAME = W:\district1\22x34\tc10.dgn	USER NAME = gegliorabt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

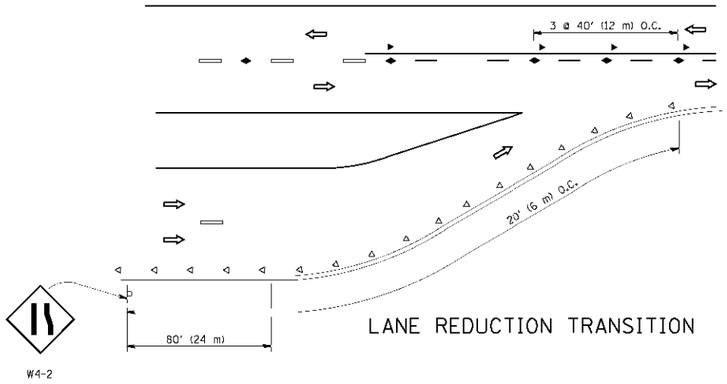
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	390
	TC-10	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

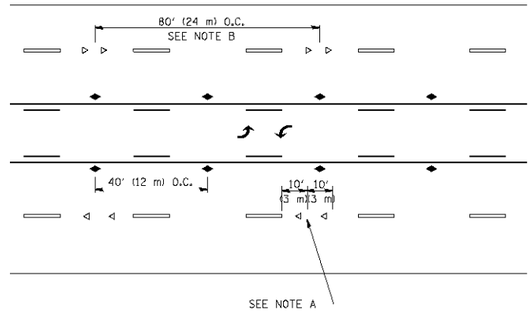


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

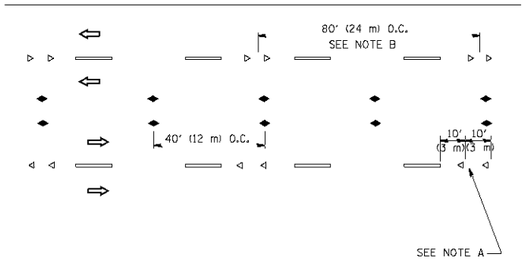
TWO-LANE/TWO-WAY



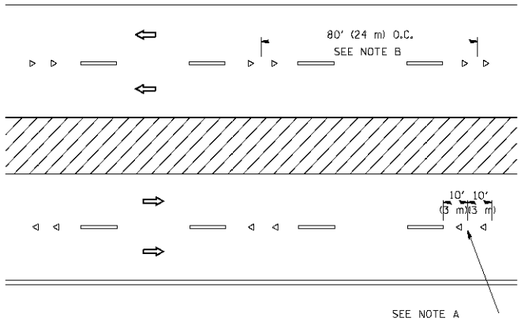
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

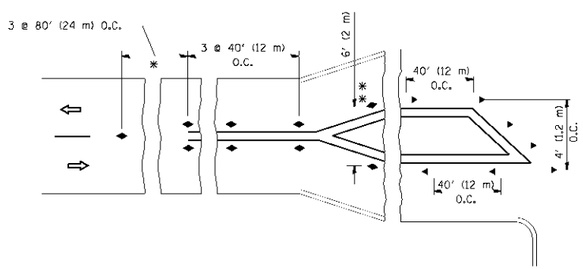
LANE MARKER NOTES

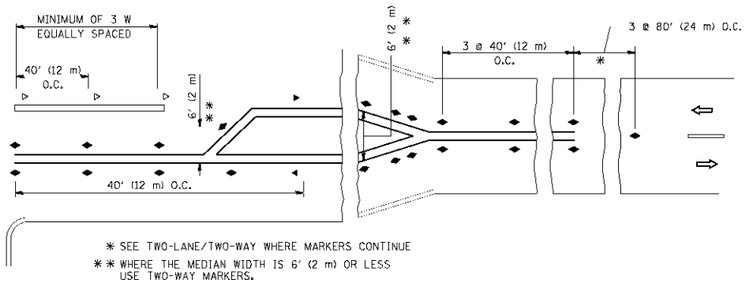
A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

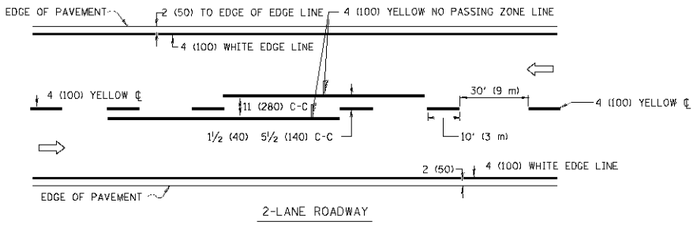
** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

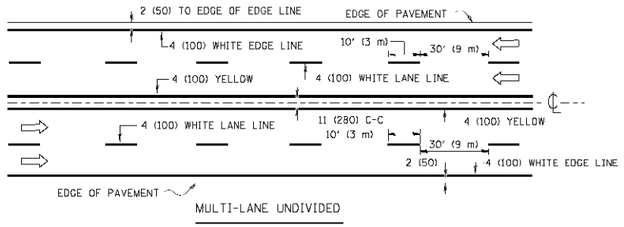
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME: c:\pw_work\pwidot\legea\d0100315\tc11.dgn	USER NAME: legea	DESIGNED: -	REVISED - T. RAMMACHER 09-19-94	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**
	PLOT SCALE: 50.000 ' / IN.	DRAWN: -	REVISED - T. RAMMACHER 03-12-99		SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.
	PLOT DATE: 3/2/2011	CHECKED: -	REVISED - T. RAMMACHER 01-06-00		
		DATE: -	REVISED - C. JUCIUS 09-09-09		

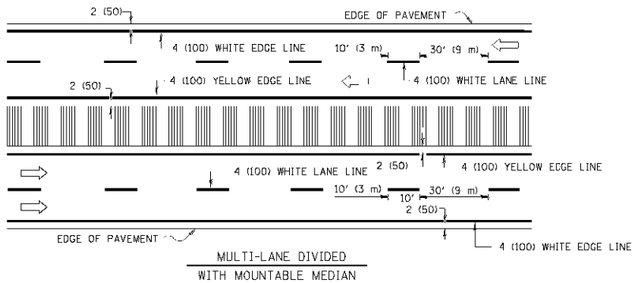
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	391
	TC-11	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



2-LANE ROADWAY



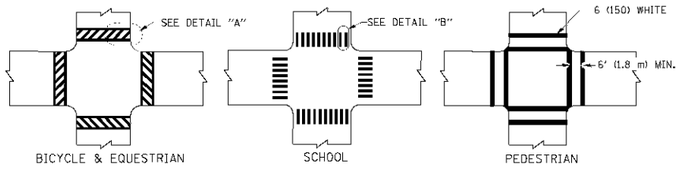
MULTI-LANE UNDIVIDED

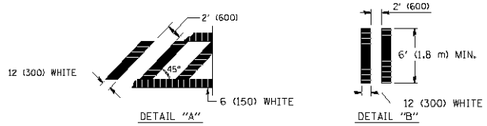


MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

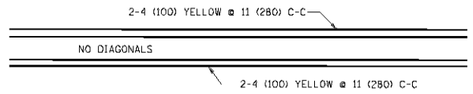
NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

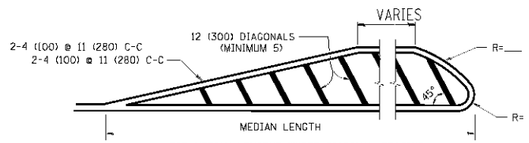




TYPICAL CROSSWALK MARKING



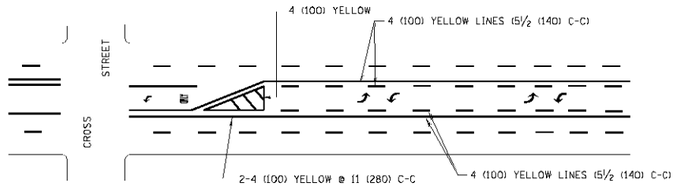
4' (1.2 m) WIDE MEDIANS ONLY



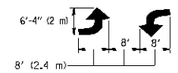
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

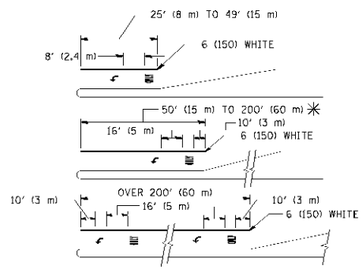


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

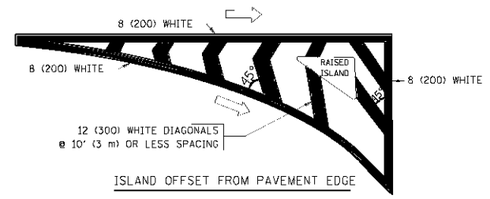


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) | ONLY AREA = 20.8 SQ. FT. (1.9 m²)

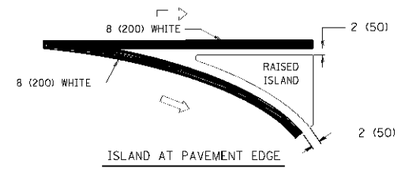
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

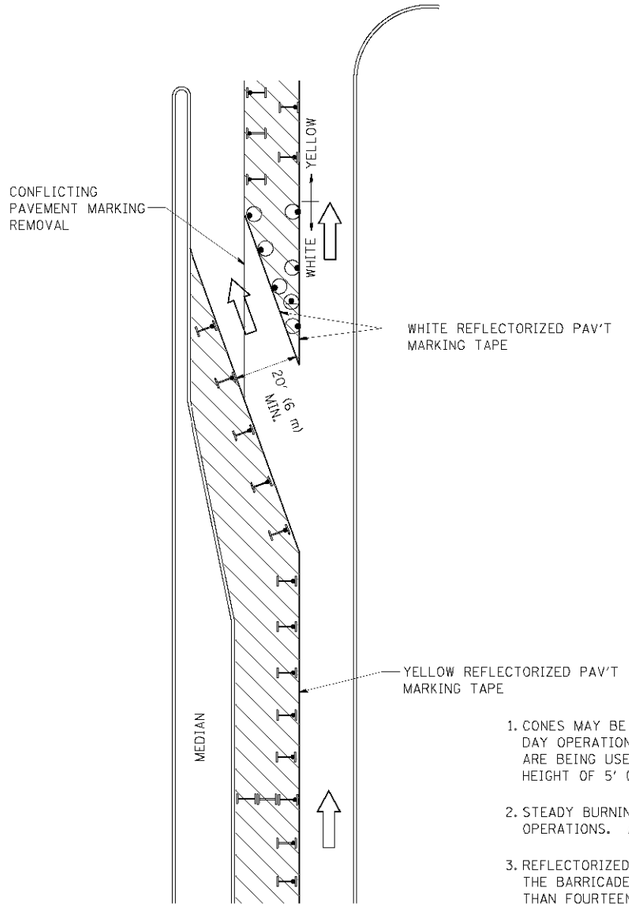
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

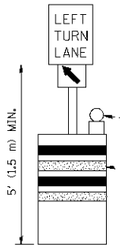
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME	USER NAME	draveskogn	DESIGNED -	EVERS	REVISED	-T. RAMMACHER 10-27-94	**STATE OF ILLINOIS**	**DISTRICT ONE**	
c:\pw_work\pwidot\draveskogn\d0180315\tc13.dgn			DRAWN -		REVISED	-C. JUCIUS 09-09-09	**DEPARTMENT OF TRANSPORTATION**	**TYPICAL PAVEMENT MARKINGS**	
	PLOT SCALE	50.000 ' / IN.	CHECKED -		REVISED	-		SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.	
	PLOT DATE	9/9/2009	DATE -	03-19-90	REVISED	-			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	392
	TC-13	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





R 3-I100L 24 x 24 (600 x 600)

M6-2L 21 x 15 (530 x 380)

OPTIONAL FLASHING LIGHT

STANDARD 701901
SEE NOTE 8

GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHR 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

LEGEND

WORK AREA

LANE OPEN TO TRAFFIC

TYPE I OR II BARRICADE WITH
STEADY BURN LIGHT

DRUM WITH STEADY BURN LIGHT

DRUM WITH SIGN (WITH OPTIONAL FLASHING
LIGHT) SEE DETAIL

TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

All dimensions are in inches (millimeters)
unless otherwise shown.

FILE NAME	USER NAME	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
c:\pwork\PWIDOT\DRIVAKOSGN\d0100315\tc14.dgn		REVISED - A. HOUSEH 11-07-95	REVISED -
	PLOT SCALE 49.9999 ' / IN.	REVISED - A. HOUSEH 10-12-96	REVISED -
	PLOT DATE 9/14/2009	REVISED -T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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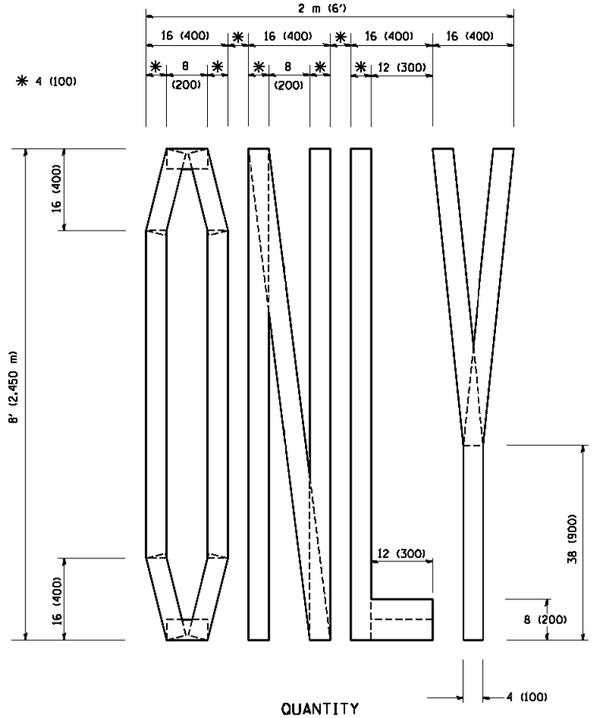
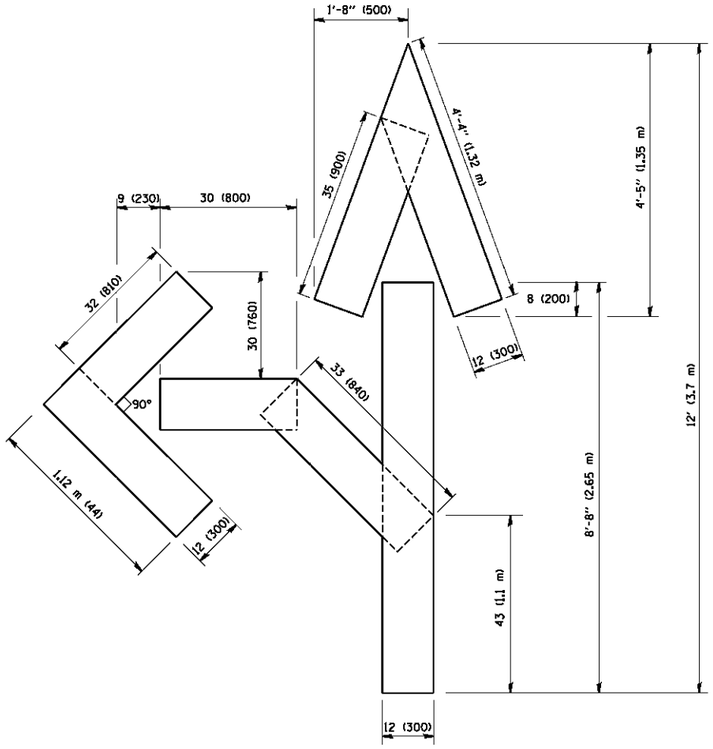
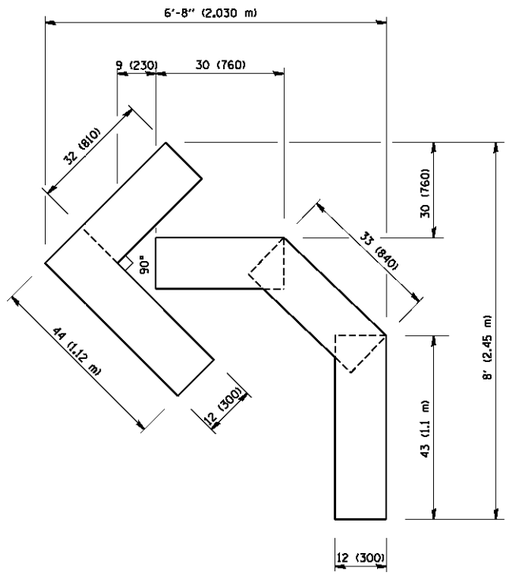
	TC-14	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



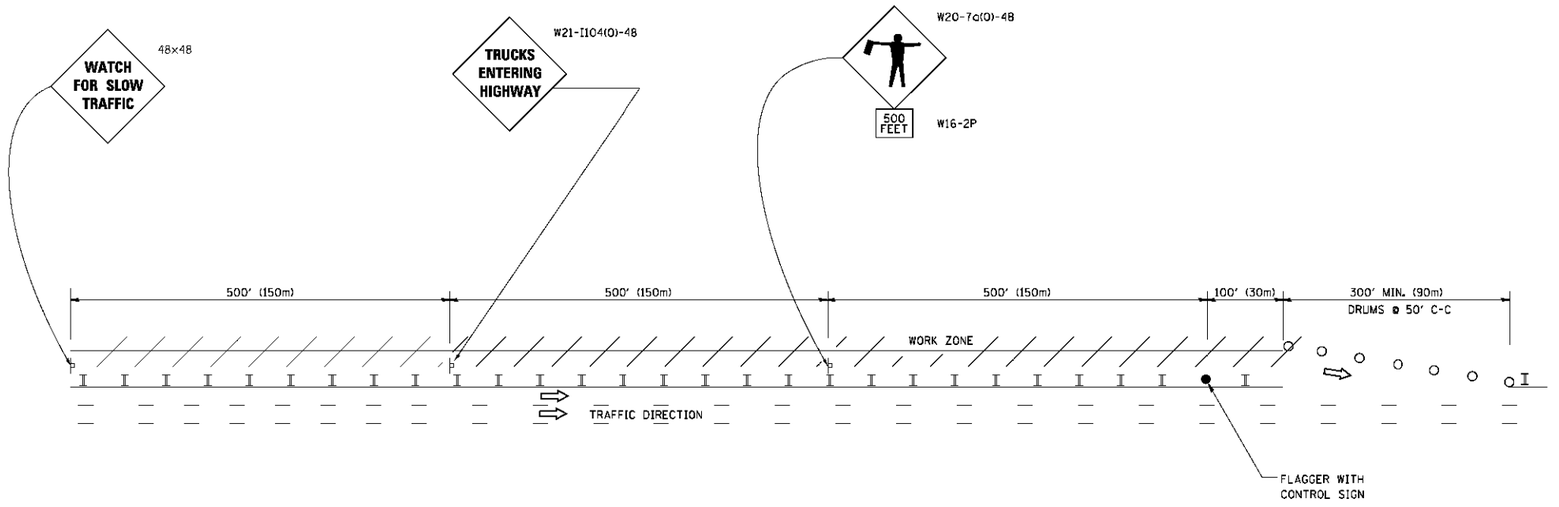
QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

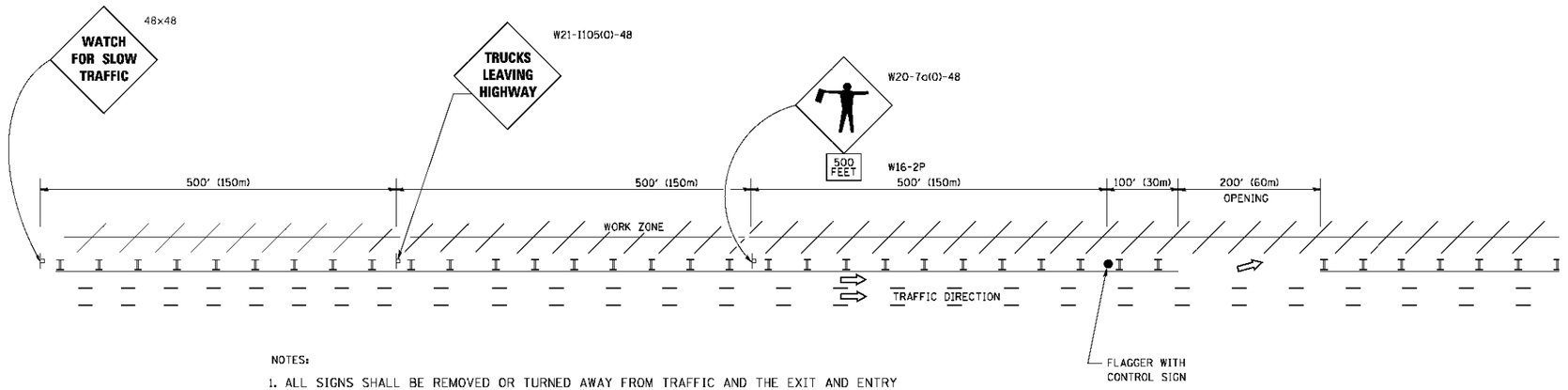
FILE NAME = W:\diststd\22x34\tc16.dgn	USER NAME = gegluerabt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -T. RAMMACHER 11-04-97						575	14W - R	WILL	681	394
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98							TC-16		CONTRACT NO.	60P95
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMPS.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = c:\pw_work\pwidot\footemj\d0105315\tc18.dgn	USER NAME = footemj	DESIGNED -	REVISED - J.A.F. 02-06
		DRAWN -	REVISED - S.P.B. 01-07
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - S.P.B. 12-09
	PLOT DATE = 7/8/2013	DATE -	REVISED - M.D. 06-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	395
	TC-18	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

ROUTE MARKERS

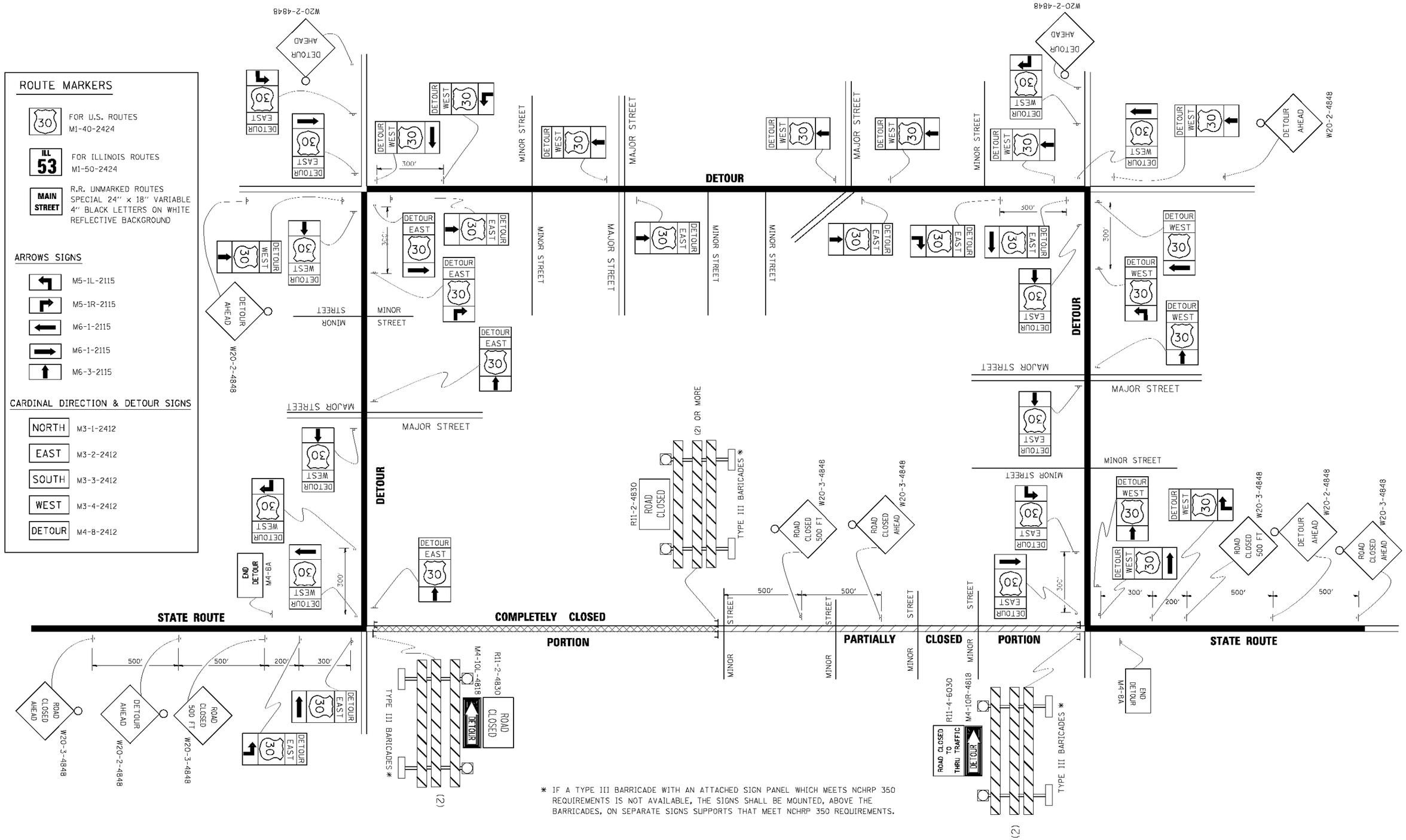
- FOR U.S. ROUTES M1-40-2424
- ILL 53 — FOR ILLINOIS ROUTES M1-50-2424
- MAIN STREET — R.R. UNMARKED ROUTES SPECIAL 24" x 18" VARIABLE 4" BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND

ARROWS SIGNS

- M5-1L-2115
- M5-1R-2115
- M6-1-2115
- M6-1-2115
- M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

NORTH	M3-1-2412
EAST	M3-2-2412
SOUTH	M3-3-2412
WEST	M3-4-2412
DETOUR	M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

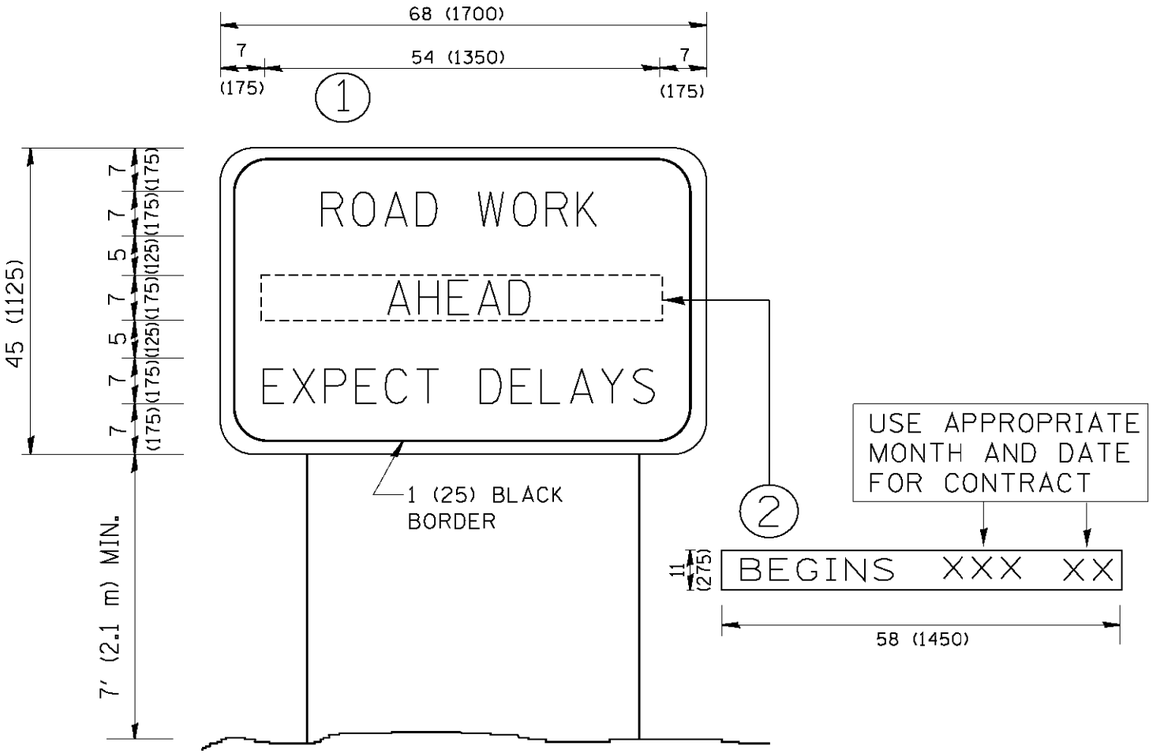
FILE NAME	USER NAME drawkoop	DESIGNED -	REVISED - 10-18-02
c:\pwork\PWIDOT\DRIVAKOSGN\d0100315\tc21.dgn		DRAWN -	REVISED - R. BORO 09-14-09
	PLOT SCALE 49.9999 ' / IN.	CHECKED -	REVISED -
	PLOT DATE 9/14/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING
FOR CLOSING STATE HIGHWAYS

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	396
	TC-21	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

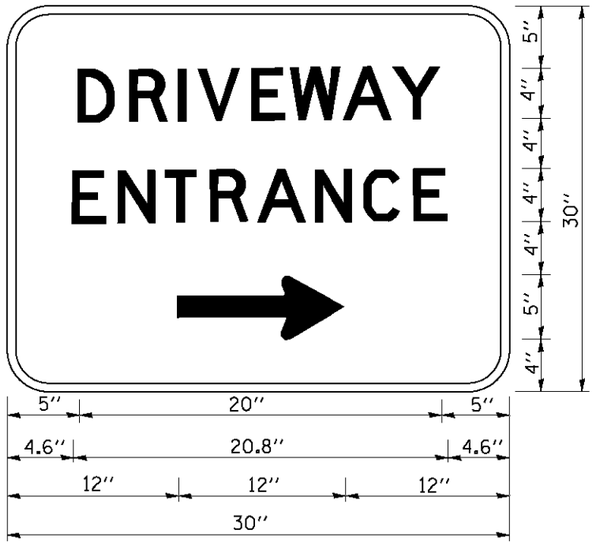
FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = gegliomabt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W - R	WILL	681	397
	TC-22	CONTRACT NO. 60P95		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

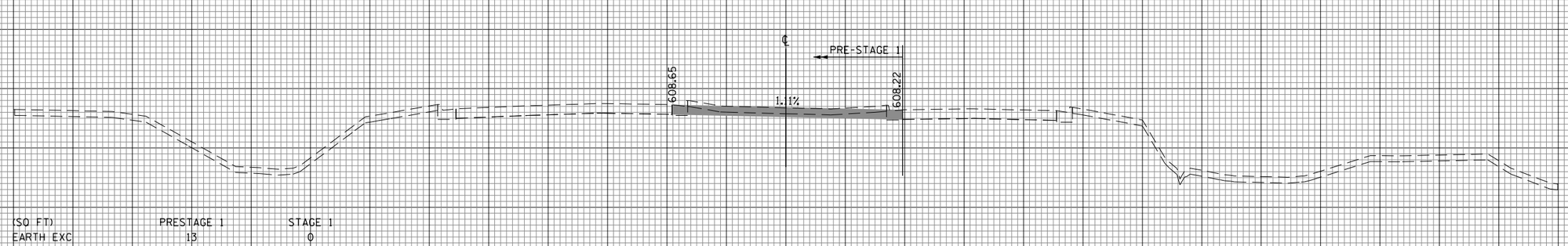


3.0'' RADIUS, 0.5'' BORDER, WHITE ON GREEN; REFLECTORIZED
''DRIVEWAY'' D; ''ENTRANCE'' D; STANDARD ARROW CUSTOM 12.0'' x 5.0''

NOTES:

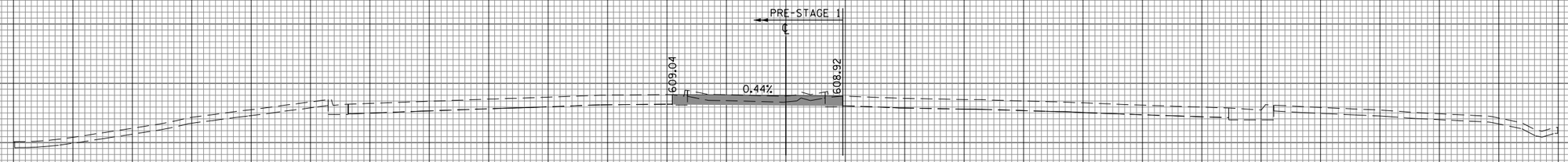
1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM ''TEMPORARY INFORMATION SIGNING''.

FILE NAME = W:\diststd\22x34\tc26.dgn	USER NAME = gegliarobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY ENTRANCE SIGNING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			575	14W - R	WILL	681	398
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -				TC-26	CONTRACT NO. 60P95		
	PLOT DATE = 1/4/2008	DATE -	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



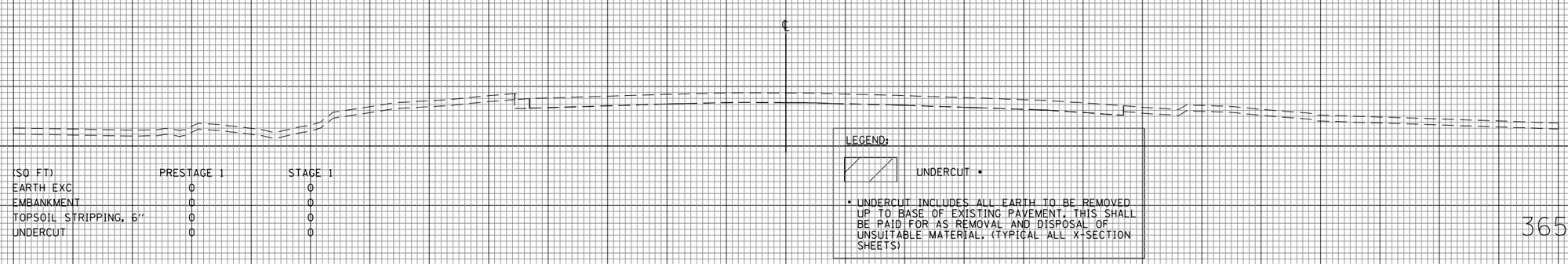
(SQ FT)	PRESTAGE 1	STAGE 1
EARTH EXC	13	0
EMBANKMENT	0	0
TOPSOIL STRIPPING, 6"	17	0
UNDERCUT	0	0

3655+00.00



(SQ FT)	PRESTAGE 1	STAGE 1
EARTH EXC	10	0
EMBANKMENT	0	0
TOPSOIL STRIPPING, 6"	12	0
UNDERCUT	0	0

3654+50.00



(SQ FT)	PRESTAGE 1	STAGE 1
EARTH EXC	0	0
EMBANKMENT	0	0
TOPSOIL STRIPPING, 6"	0	0
UNDERCUT	0	0

3654+00.00

LEGEND:

UNDERCUT •

• UNDERCUT INCLUDES ALL EARTH TO BE REMOVED UP TO BASE OF EXISTING PAVEMENT. THIS SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. (TYPICAL ALL X-SECTION SHEETS)

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

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

FILE NAME = G:\CH12\0012\Road\Sheets\D160P95-SHT-XSSHT-US30.STAGE1.dgn	USER NAME = bshaefliger	DESIGNED - JSL	REVISED -
	PLOT SCALE = 20.0000 ' / in.	DRAWN - JSL	REVISED -
	PLOT DATE = 10/23/2014	CHECKED - JWC	REVISED -
		DATE - 08/18/2014	REVISED -

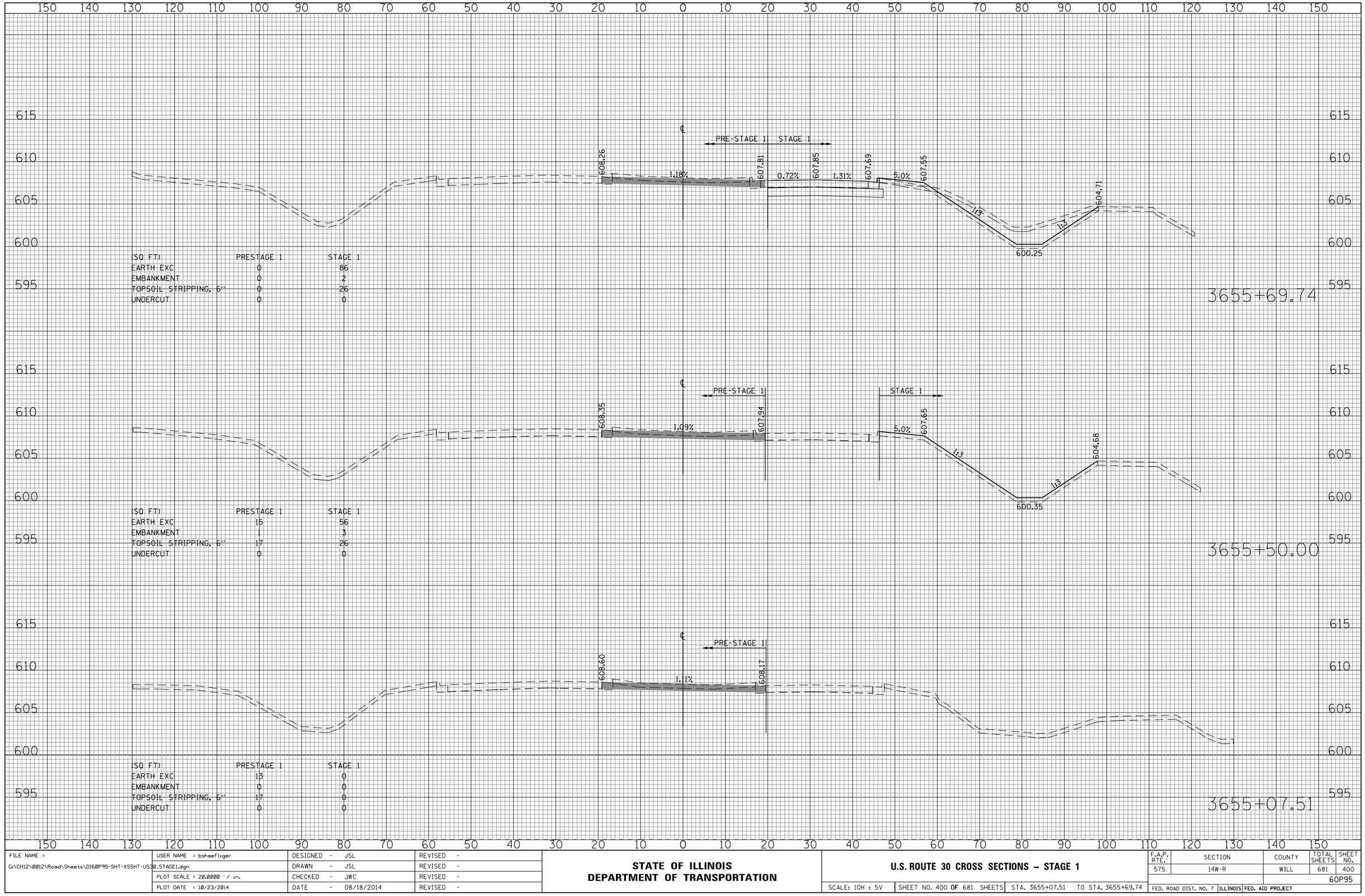
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 CROSS SECTIONS – STAGE 1

SCALE: 10H : 5V | SHEET NO. 399 OF 681 SHEETS | STA. 3654+00.00 TO STA. 3655+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W-R	WILL	681	399
				60P95

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT



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

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

FILE NAME = G:\CH12\0012\Road\Sheets\D160P95-SHT-XSSHT-US30_STAGE1.dgn	USER NAME = bshaefliger	DESIGNED - JSL	REVISED -
		DRAWN - JSL	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JWC	REVISED -
	PLOT DATE = 10/23/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 CROSS SECTIONS – STAGE 1

SCALE: 10H : 5V | SHEET NO. 400 OF 681 SHEETS | STA. 3655+07.51 TO STA. 3655+69.74

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14W-R	WILL	681	400
				60P95

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT