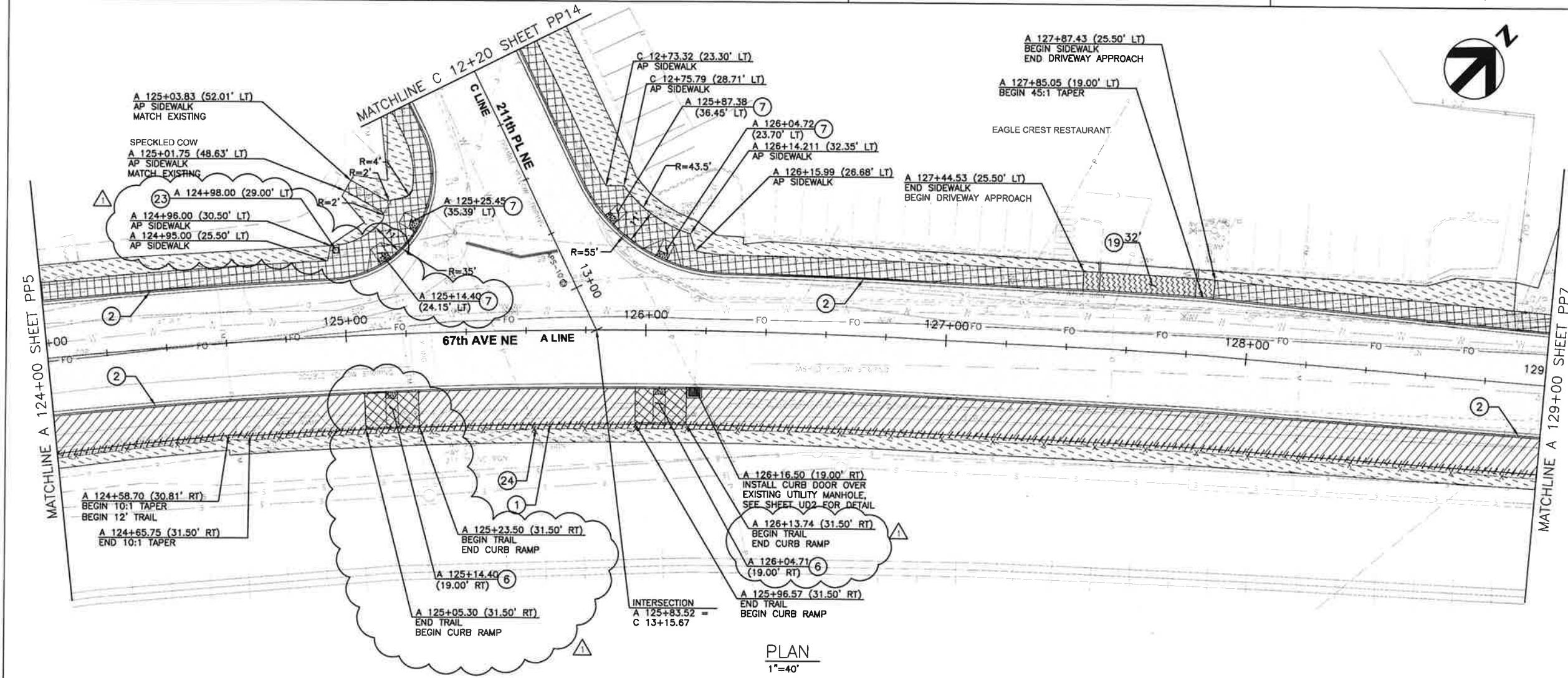


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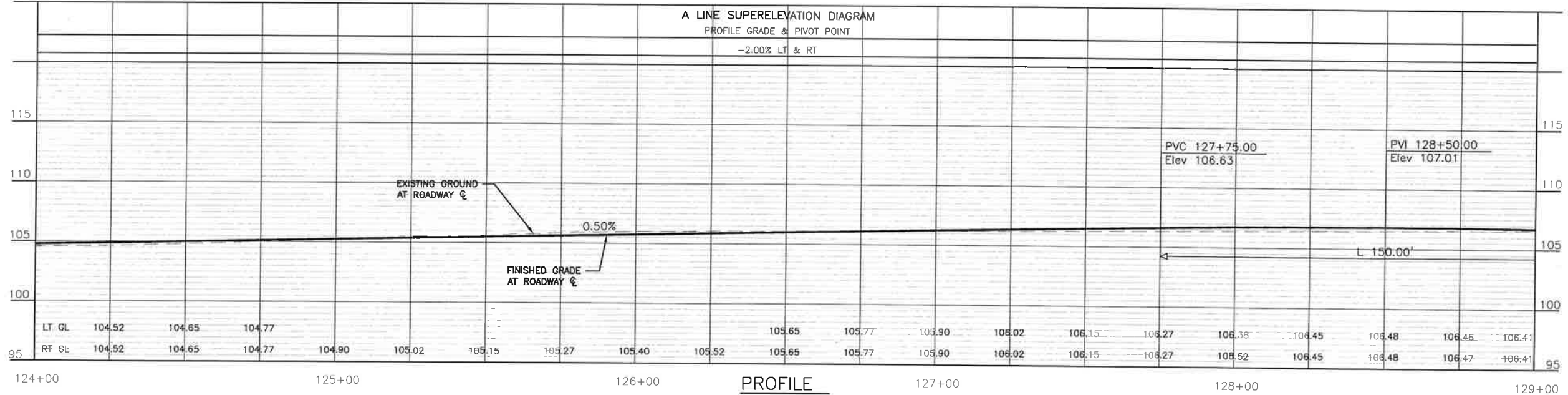


- GENERAL NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
 2. REFER TO SHEETS TS1-TS4 FOR ROADWAY TYPICAL SECTIONS.
 3. REFER TO SHEETS RA1-RA20 FOR ROAD APPROACH SECTIONS AND DESIGN INFORMATION.
 4. REFER TO SHEET IG2 FOR CURB RETURN AND FLOWLINE ELEVATIONS.

- PAVING LEGEND**
- FULL DEPTH ROADWAY PAVING
 - PLANING BITUMINOUS PAVEMENT
 - APPROACH PAVING
 - CEMENT CONC. DRIVEWAY ENTRANCE
 - 4" CEMENT CONC. SIDEWALK
 - 8" CEMENT CONC. SIDEWALK
 - POROUS ASPHALT TRAIL
 - PROPERTY RESTORATION
 - BENCH
 - TRASH RECEPTACLE
 - BIKE RACK

- (X) CONSTRUCTION NOTES**
1. RETAINING WALL, SEE SHEETS WA1-WA6
 2. CEMENT CONCRETE CURB AND GUTTER TYPE 1 PER C.O.A. STD, DETAIL R-180.
 3. FISH PASSABLE CULVERT, SEE DETAILS ON SHEETS FP1-FP3
 4. REMOVE AND REPLACE EXISTING GUARDRAIL
 5. RELOCATE SIGN PER SHEETS SP1-SP2 AND CONTRACT DOCUMENTS
 6. CURB RAMP - TYPE PARALLEL A PER WSDOT STD, PLAN F-40,12-01
 7. CURB RAMP - TYPE PERPENDICULAR A PER WSDOT STD, PLAN F-40,15-01
 8. CURB RAMP - TYPE SINGLE DIRECTION A PER WSDOT STD, PLAN F-40,16-01
 9. ASPHALT TRANSITION RAMP
 10. BOLLARD, PER SNOHOMISH CO. STD, DETAIL 4-170.
 11. TACTILE WARNING STRIP
 12. 30' SLIDING CHAIN LINK FENCE GATE
 13. PEDESTRIAN HANDRAIL PER C.O.A. STD, DETAIL R-160
 14. CULVERT HEADWALL, SEE SHEET WA6
 15. CURB RAMP - TYPE SINGLE DIRECTION (MODIFIED) PER DETAIL, SEE SHEET RD1
 16. DOUBLE 20' CHAIN LINK GATE PER WSDOT STD, PLAN L-30,10-01
 17. REMOVE AND RESET EXISTING CHAIN LINK FENCE
 18. REMOVE AND RESET EXISTING GATE
 19. CEMENT CONCRETE DRIVEWAY APPROACH, TYPE 1 (MODIFIED) PER DETAIL, SEE SHEET RD1
 20. CEMENT CONCRETE DRIVEWAY APPROACH, TYPE 2 PER PER C.O.A. STD, DETAIL R-220
 21. 6' CHAIN LINK FENCE TYPE 3 PER WSDOT STD, PLAN L-20,10-01 WITH BARBED WIRE, SEE SHEET RD1.
 22. 6' CHAIN LINK FENCE TYPE 3 PER WSDOT STD, PLAN L-20,10-01.
 23. INSTALL BENCH, TRASH RECEPTACLE, OR BIKE RACK, SEE PAVING LEGEND. PROVIDE 3" HMA UNDER BENCHES, WITH 6" CONCRETE BAND BETWEEN BENCH ACP AND TRAIL.
 24. 4' CHAIN LINK FENCE TYPE 4 PER WSDOT STD, PLAN L-20,10-01.

PLAN
1"=40'



PROFILE
SCALE: 1"=4V, 1"=1H

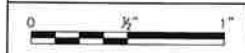


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ISSUE	05/30/2013 211TH PL PEDESTRIAN CROSSWALK REVISION
DATE	
DESCRIPTION	
PROJECT NUMBER	000000110731



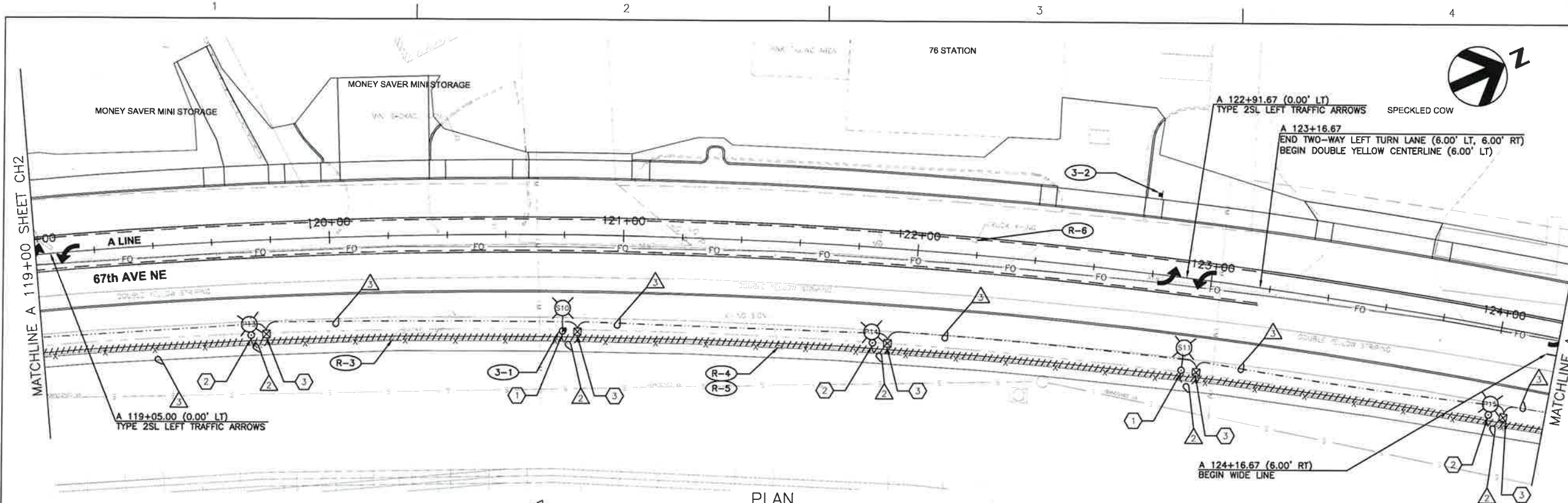
CITY OF ARLINGTON
67th AVENUE PHASE III
RECONSTRUCTION PROJECT

PLAN AND PROFILE
PP6
(6 OF 14)



FILENAME	PP-00C-06.dwg	SHEET	
SCALE	1"=40' (11x17)		
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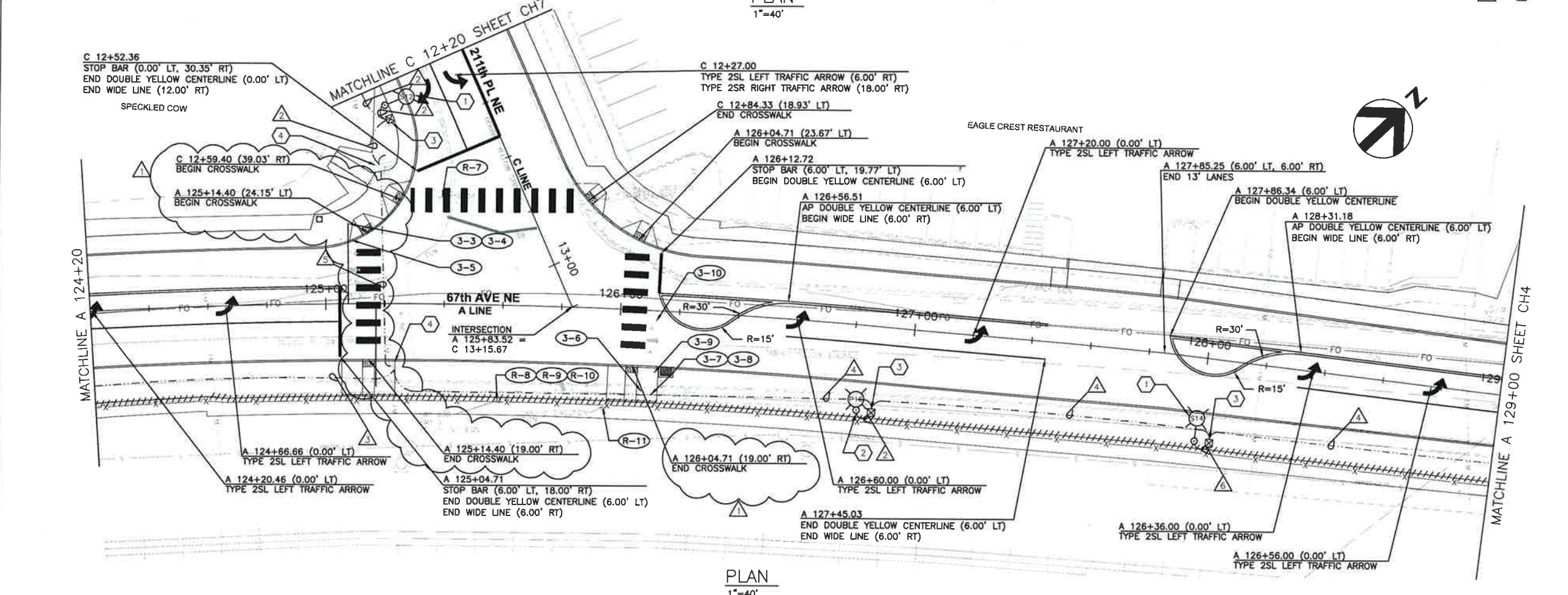
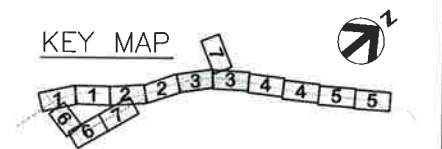
PLAN
1"=40'

- GENERAL NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
 2. SEE SHEET CHD2 FOR SIGN, WIRING, AND POLE SCHEDULES.
 3. SEE SHEET LA1 FOR LEGEND AND ABBREVIATIONS.
 4. ALL CROSSWALK LINES, TRAFFIC ARROWS, AND STOP LINES TO BE THERMOPLASTIC.

- CHANNELIZATION NOTES**
1. PARKING SPACE PER C.O.A. STD. DETAILS R-240 AND R-250
 2. COMPACT PARKING SPACE PER C.O.A. STD. DETAILS R-240 AND R-250

- ILLUMINATION NOTES**
1. CONSTRUCT FOUNDATION AND INSTALL DECORATIVE ROADWAY LIGHT STANDARD WITH COBRA HEAD LIGHT FIXTURE, BANNER ARMS AND CLAMPS, FLOWER BASKET BRACKETS AND 120V DUPLEX RECEPTACLE. SEE SHEET CHD1 FOR LUMINAIRE AND FOUNDATION DETAILS.
 2. CONSTRUCT FOUNDATION AND INSTALL DECORATIVE PEDESTRIAN SCALE LIGHT STANDARD WITH POLYCARBONATE GLOBE LIGHT FIXTURE. SEE SHEET CHD1 FOR LUMINAIRE AND FOUNDATION DETAILS.
 3. INSTALL TYPE 1 JUNCTION BOX.
 4. INSTALL CONDUIT INTO PROPOSED JUNCTION BOX FROM TRAFFIC SIGNAL SHEET S02.

- SIGNING NOTES**
- (R-3) SPEED LIMIT (35 MPH) - REMOVE
 - (R-4) PEDESTRIAN CROSSING - REMOVE
 - (R-5) T-INTERSECTION - REMOVE
 - (R-6) TRUCK CROSSING - REMOVE
 - (R-7) STOP - REMOVE
 - (R-8) HWY 530 - REMOVE
 - (R-9) HWY 5 - REMOVE
 - (R-10) 211TH PL NE - REMOVE
 - (R-11) TWO DIRECTION ARROWS - REMOVE
 - (3-1) SPEED LIMIT (35 MPH)
 - (3-2) TRUCK CROSSING
 - (3-3) SR 530
 - (3-4) RIGHT ARROW
 - (3-5) 211TH PL NE
 - (3-6) 67TH AVE NE
 - (3-7) SR 530
 - (3-8) LEFT ARROW
 - (3-9) 211TH PL NE



PLAN
1"=40'



PROJECT MANAGER	
ISSUE	05/30/2013 211TH PL PEDESTRIAN CROSSWALK REVISION
DATE	
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CITY OF ARLINGTON
67th AVENUE PHASE III
RECONSTRUCTION PROJECT

**CHANNELIZATION, SIGNING,
& ILLUMINATION**
CH3
(3 OF 7)



FILENAME	CH-00C-03.dwg	SHEET	106
SCALE	1"=40' (11x17)		

LUMINAIRE SCHEDULE

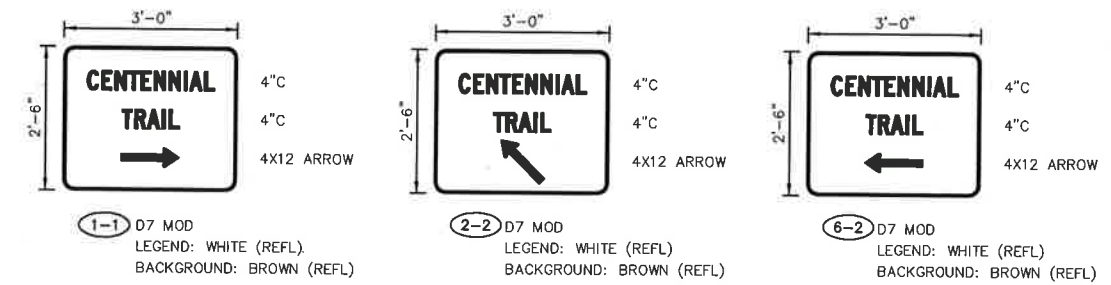
CH#	NO.	STATION	OFFSET	ARM LENGTH	MOUNT'N HEIGHT	SERVICE #	CIRCUIT	BASE TYPE	FIXTURE TYPE	NOTES
1	S1	STA. A 102+78.4	26.9' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	1,2
	S2	STA. A 104+94.1	26.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	1,2
	S3	STA. A 106+91.4	26.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	1,2
	S4	STA. A 108+87.1	26.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	1,2
2	S5	STA. A 110+74.2	26.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	1,2
	S6	STA. A 112+58.9	26.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	1,2
	P10	STA. T 28+63.4	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S7	STA. A 114+40.1	22.8' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P11	STA. T 30+46.8	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S8	STA. A 116+53.5	30.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P12	STA. A 117+57.1	30.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S9	STA. A 118+65.5	30.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
3	P13	STA. A 119+72.2	32.2' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S10	STA. A 120+79.7	32.8' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P14	STA. A 121+86.8	32.6' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S11	STA. A 122+93.8	31.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P15	STA. A 124+01.0	30.2' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S12	STA. C 11+13.9	31.8' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P16	STA. A 126+82.7	29.1' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S14	STA. A 127+98.9	28.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
4	P17	STA. A 129+13.0	27.3' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S15	STA. A 130+28.7	25.9' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P18	STA. A 131+43.7	24.6' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S16	STA. A 132+59.2	23.4' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P19	STA. A 133+74.2	20.2' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S17	STA. A 134+88.5	19.1' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P20	STA. A 136+03.7	19.1' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S18	STA. A 137+17.3	19.5' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P21	STA. A 138+31.8	24.1' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
5	S19	STA. A 139+47.2	26.9' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P22	STA. A 140+62.3	26.6' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S20	STA. A 141+77.4	26.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P23	STA. A 142+91.6	26.6' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S21	STA. A 144+07.1	26.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
	P24	STA. A 145+21.4	26.6' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	
	S22	STA. A 146+36.8	26.6' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2
6	P1	STA. T 19+63.4	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	1
	P2	STA. T 20+63.4	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	1
	P3	STA. T 21+63.0	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	1
	P4	STA. T 22+63.9	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	1
7	P5	STA. T 23+63.0	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	1
	P6	STA. T 24+63.2	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	1
	P7	STA. T 25+73.5	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	1
	P8	STA. T 26+63.3	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	1
	P9	STA. T 27+63.4	3.9' R	-	14'-0"	1	B	FIXED	70W-I, NC, HPS	1
	S13	STA. C 12+26.9	26.9' R	6'-0"	37'-6"	1	A	FIXED	250W-III, SHORT, FC HPS	2

GENERAL NOTES:

- EXISTING SERVICE.
- FESTOON OUTLET INSTALLED.
- NO BANNER SAVER INSTALLED.
- 10'-0" FOUNDATION DEPTH REQUIRED FOR LUMINAIRE SEE SHEET CHD1 FOR FOUNDATION DETAILS.
- SIGN POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.

WIRING SCHEDULE

RUN #	CONDUIT SIZE (IN)	ILLUM. #6	ILLUM. #6	FESTOON #6	POWER #2	GROUND #6	REMARKS
1	EX. 3		4			1	
2	2		2			1	
3	2		4			1	
4	2	2	2			1	
5	2	2	6			1	
6	2					1	SPARE
7							COORDINATE WITH PUD FOR POWER HOOK-UP



SIGN REMOVAL SPECIFICATIONS				
SHEET NO.	SIGN NO.	DESCRIPTION	LOCATION (STATION)	REMARKS
CH1	R-1	5 MPH SIGN	A 105+78.44 (31.67' RT)	REMOVE AND RESET EXISTING SIGN
CH2	R-2	CURVE RIGHT	A 118+18.38 (4.98' LT)	
CH3	R-3	SPEED LIMIT (35 MPH)	A 120+20.88 (35.34' RT)	
CH3	R-4	PEDESTRIAN CROSSING	A 121+54.53 (35.95' RT)	INSTALLED ABOVE R-5
CH3	R-5	T-INTERSECTION	A 121+54.53 (35.95' RT)	INSTALLED BELOW R-4
CH3	R-6	TRUCK CROSSING	A 122+19.50 (4.93' LT)	
CH3	R-7	STOP	A 125+38.82 (36.44' LT)	
CH3	R-8	HWY 530	A 125+58.82 (32.67' RT)	INSTALLED ABOVE R-9 AND R-10
CH3	R-9	HWY 5	A 125+58.82 (32.67' RT)	INSTALLED BETWEEN R-8 AND R-10
CH3	R-10	211TH PL NE	A 125+58.82 (32.67' RT)	INSTALLED BELOW R-8 AND R-9
CH3	R-11	TWO DIRECTION ARROWS	A 125+95.34 (33.65' RT)	
CH5	R-12	STOP	A 146+84.31 (33.65' RT)	REMOVE AND RESET EXISTING SIGN
CH5	R-13	2-WAY	A 146+84.31 (33.65' RT)	REMOVE AND RESET EXISTING SIGN

ROADSIDE SIGN SPECIFICATIONS												
SHEET NO.	SIGN NO.	SIGN CODE	DESCRIPTION	LOCATION (STATION)	SIGN SIZE X Y	SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	POST LENGTH	CLEARANCE V W	REMARKS
CH1	1-1	D7 MOD	CENTENNIAL TRAIL, RIGHT	A 101+50.00 (67.00' RT)	36 30	III OR IV	4C	PERF. STEEL	2.25" SQ	12'	7' 12'	INSTALL ON POST BEHIND SIDEWALK, SEE DETAIL
CH2	2-1	W1-2	CURVE RIGHT	A 118+20.00 (26.25' LT)	30 30	III OR IV	STANDARD	PERF. STEEL	2.25" SQ	12'	7' 6.0'	INSTALL ON POST
CH2	2-2	D7 MOD	CENTENNIAL TRAIL, TO LEFT	A 115+70.00 (34.00' RT)	36 30	III OR IV	4C	PERF. STEEL	2.25" SQ	12'	7' --	INSTALL ON POST BEHIND TRAIL, FACE N, SEE DETAIL
CH3	3-1	R2-1	SPEED LIMIT 35 MPH	A 120+79.72 (32.33' RT)	24 30	III OR IV	STANDARD	PERF. STEEL	2.25" SQ	--	7' 12.3'	INSTALL ON LUMINAIRE POLE
CH3	3-2	W8-6	TRUCK CROSSING	A 122+80.07 (27.00' LT)	30 30	III OR IV	STANDARD	PERF. STEEL	2.25" SQ	12'	7' 6.8'	INSTALL ON POST
CH3	3-3	M1-601	SR 530	SEE REMARKS	24 24	IV	STANDARD	SIGNAL POLE	--	--	8.3' 11.5'	MOUNT ON TRAFFIC SIGNAL POLE ABOVE 3-4
CH3	3-4	M6-1	RIGHT ARROW	SEE REMARKS	21 15	IV	STANDARD	SIGNAL POLE	--	--	7' 11.5'	MOUNT ON TRAFFIC SIGNAL POLE BELOW 3-3
CH3	3-5	D3-1	211TH PL NE	SEE REMARKS	78 18	IV	12C/9C	MAST ARM	--	--	--	MOUNT ON MAST ARM, SEE SHEET CH3
CH3	3-6	D3-1	67TH AVE NE	SEE REMARKS	78 18	IV	12C/9C	MAST ARM	--	--	--	MOUNT ON MAST ARM, SEE SHEET CH3
CH3	3-7	M1-601	SR 530	SEE REMARKS	24 24	IV	STANDARD	SIGNAL POLE	--	--	8.3' 9.0'	MOUNT ON TRAFFIC SIGNAL POLE ABOVE 3-8
CH3	3-8	M6-1	LEFT ARROW	SEE REMARKS	21 15	IV	STANDARD	SIGNAL POLE	--	--	7' 9.0'	MOUNT ON TRAFFIC SIGNAL POLE BELOW 3-7
CH3	3-9	D3-1	211TH PL NE	SEE REMARKS	78 18	IV	12C/9C	MAST ARM	--	--	--	MOUNT ON MAST ARM, SEE SHEET CH3
CH3	3-10	R10-12	LEFT TURN YIELD ON GREEN	SEE REMARKS	30 36	IV	STANDARD	MAST ARM	--	--	--	MOUNT ON MAST ARM, SEE SHEET CH3
CH5	5-1	R1-1	STOP	A 147+15.00 (30.22' RT)	18 18	III OR IV	STANDARD	PERF. STEEL	2.25" SQ	9'	5' 2.25'	INSTALL ON POST ABOVE 5-2
CH5	5-2	W4-4P	CROSS TRAFFIC DOES NOT STOP	A 147+15.00 (30.22' RT)	24 12	III OR IV	STANDARD	PERF. STEEL	2.25" SQ	9'	4' 2'	INSTALL ON POST BELOW 5-2
CH6	6-1	R1-1	STOP	E 10+40.00 (15.00' LT)	30 30	III OR IV	STANDARD	PERF. STEEL	2.25" SQ	12'	7' 2'	INSTALL ON POST
CH6	6-2	D7 MOD	CENTENNIAL TRAIL, LEFT	E 10+36.00 (26.00' RT)	36 30	III OR IV	4C	PERF. STEEL	2.25" SQ	12'	7' 9.5'	INSTALL ON POST BEHIND SIDEWALK, SEE DETAIL

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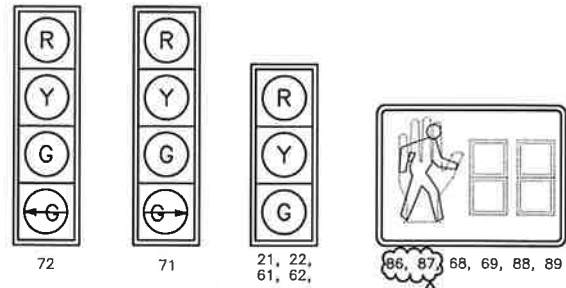
PROJECT MANAGER	
ISSUE	05/30/2013 211TH PL PEDESTRIAN CROSSWALK REVISION
DATE	
DESCRIPTION	
PROJECT NUMBER	0000000110731



CITY OF ARLINGTON
67th AVENUE PHASE III
RECONSTRUCTION PROJECT

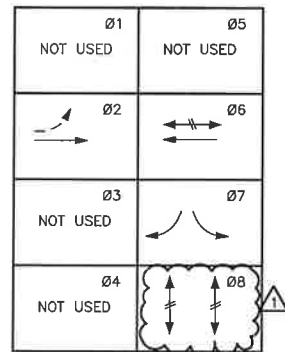
CHANNELIZATION, SIGNING, & ILLUMINATION DETAILS
CHD2
(2 OF 3)

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SCALE: N.T.S.



LED SIGNAL DISPLAYS

- NOTES:
1. ALL TRAFFIC SIGNAL DISPLAYS SHALL BE 12" LED WITH BACKPLATES.
 2. ALL PEDESTRIAN SIGNAL HEADS SHALL BE COUNTDOWN SOLID LED (DO NOT OUTLINE LED WITH SYMBOLIC LEGENDS AND "Z" CRATE VISORS).
 3. ALL VEHICLE SIGNAL HEADS SHALL UTILIZE TYPE "M" MOUNTING WITH BRONZE ELEVATOR PLUMBIZERS.
 4. PEDESTRIAN SIGNAL HEADS 68, 69, 87 AND 88 SHALL HAVE TYPE "D" MOUNT AND HEADS 86 AND 89 SHALL HAVE TYPE "E" SIDE MOUNT.
 5. ALL MAST ARM MOUNTED SIGNS SHALL BE SHEATHED WITH 3M BRAND DIAMOND GRADE SHEETING OR APPROVE EQUAL AND MOUNTED WITH STAINLESS STEEL STRAPS.
 6. ALL NEW PEDESTRIAN BUTTONS SHALL BE ACCESSIBLE PEDESTRIAN SIGNAL TYPE PER SNOHOMISH COUNTY GUIDELINES.



SIGNAL PHASE DIAGRAM

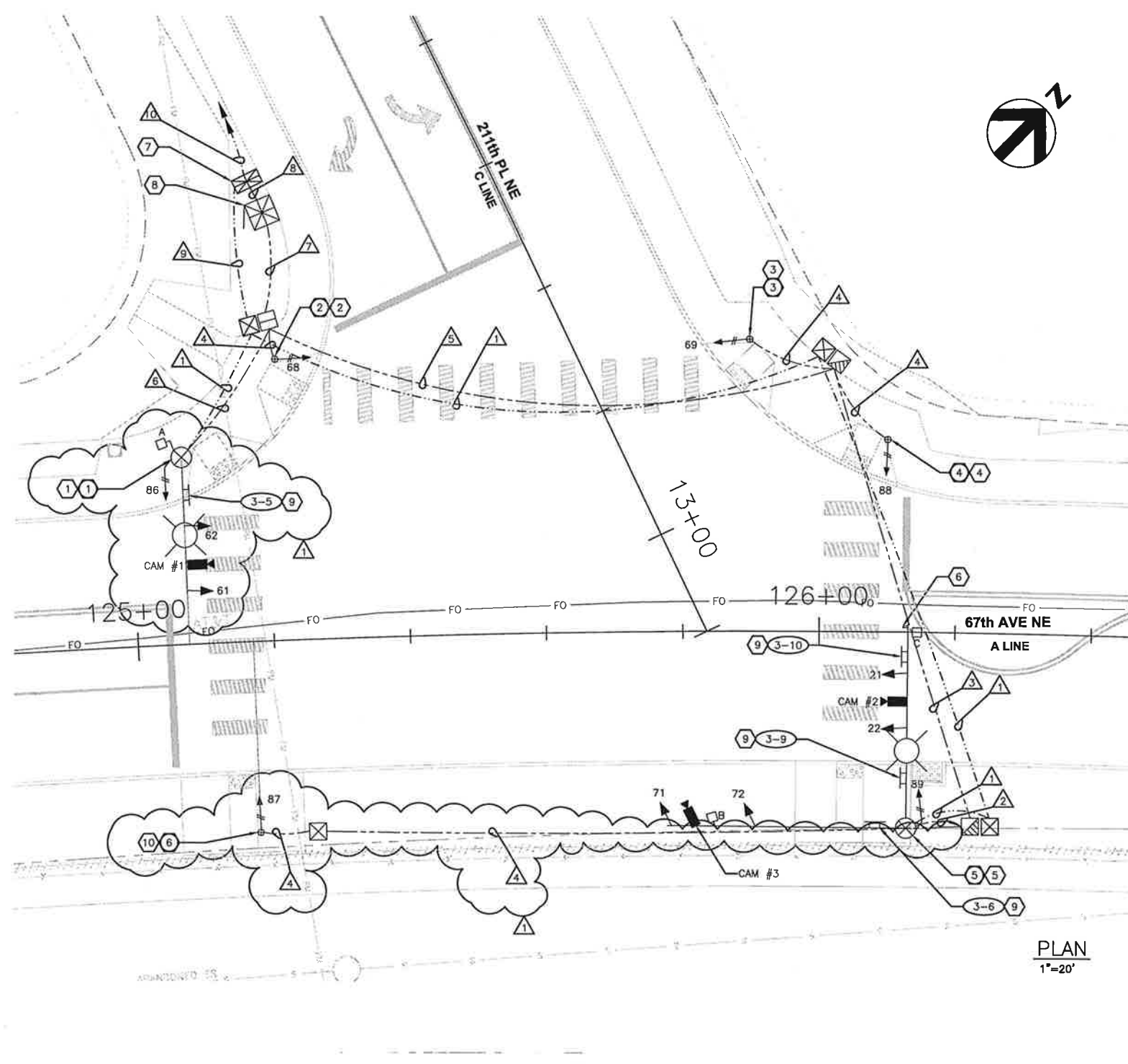
- PREMISSIVE VEHICLE MOVEMENT
- PROTECTED VEHICLE MOVEMENT
- ↔ PEDESTRIAN MOVEMENT

CHANNEL	PHASE
A	2
B	7
C	6

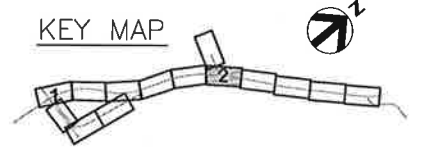
PREEMPT SEQUENCE

WIRING SCHEDULE

RUN #	CONDUIT SIZE (IN)	VIDEO DETECTION CABLE	PREEMPT DET (3CS)	APS 2CS	SIGNAL HEAD #C	COUNTDOWN PED. HEAD #C	ILLUM. #B	POWER #2	REMARKS
1	2							3	
2	3	2	2	1	4	1			
3	3	2	2	2	4	2			
4	2			2	1	1			
5	3	2	2	4	4	4			
6	3	1	1	2	1	1			
7	3	3	3	6	6	6			
8	2							3	
9	2							6	
10	COORDINATE WITH PUD FOR POWER HOOK-UP								



PLAN
1"=20'



GENERAL NOTES

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
2. SEE SHEET CHD2 FOR SIGN SCHEDULE AND DETAILS.
3. SEE SHEET LA1 FOR LEGEND AND ABBREVIATIONS.
4. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH WSDOT STANDARD PLANS AND SPECIFICATIONS, OR AS AMENDED BY SNOHOMISH COUNTY ENGINEERING DESIGN AND DEVELOPMENT STANDARD, EXCEPT AS MODIFIED BY CONTRACT PLANS AND PROVISIONS.
5. UTILITY LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY SIGNAL WORK. CONFLICTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
6. UNLESS OTHERWISE SPECIFIED, ALL PROPOSED SIGNAL COUNDTU SHALL BE SCHEDULE 80 PVC.

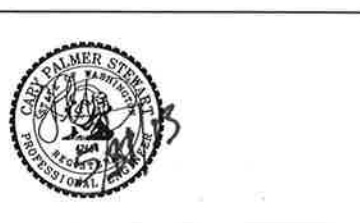
CONSTRUCTION NOTES

1. CONSTRUCT FOUNDATION AND INSTALL TYPE III SIGNAL STANDARD WITH A 20' MAST ARM; VEHICLE SIGNAL DISPLAYS 51, 62; AND ONE VIDEO DETECTION CAMERA #1 WITH 6' EXTENSION, ATTACH ONE EMERGENCY PREEMPTION DETECTOR A; ONE PEDESTRIAN SIGNAL DISPLAYS 86; ONE POLARA APS PEDESTRIAN PUSH BUTTON ASSEMBLY; ONE TERMINAL CABINET; AND ONE 200W HIGH PRESSURE SODIUM, TYPE III, FULL-CUTOFF, 240V LUMINAIRE ON SIGNAL POLE.
2. CONSTRUCT FOUNDATION AND INSTALL TYPE PS POLE; ONE PEDESTRIAN DISPLAY 68; AND ONE POLARA APS PEDESTRIAN PUSH BUTTON ASSEMBLY.
3. CONSTRUCT FOUNDATION AND INSTALL TYPE PS POLE; ONE PEDESTRIAN DISPLAY 69; AND ONE POLARA APS PEDESTRIAN PUSH BUTTON ASSEMBLY.
4. CONSTRUCT FOUNDATION AND INSTALL TYPE PS POLE; ONE PEDESTRIAN DISPLAY 88; AND ONE POLARA APS PEDESTRIAN PUSH BUTTON ASSEMBLY.
5. CONSTRUCT FOUNDATION AND INSTALL TYPE SD SIGNAL STANDARD WITH DUAL MAST ARMS; 30' MAST ARM WITH VEHICLE SIGNAL DISPLAYS 21, 22; ONE EMERGENCY PREEMPTION DETECTOR C; ONE PEDESTRIAN SIGNAL DISPLAYS 89; ONE VIDEO DETECTION CAMERA #2 WITH 6' EXTENSION, 35' MAST ARM WITH VEHICLE SIGNAL DISPLAYS 71, 72; ONE EMERGENCY PREEMPTION DETECTOR B; ONE VIDEO DETECTION CAMERA #3 WITH 6' EXTENSION, ATTACHED POLARA APS PEDESTRIAN PUSH BUTTON ASSEMBLY; TERMINAL CABINET; AND ONE 250W HIGH PRESSURE SODIUM, TYPE III, FULL-CUTOFF, 240V LUMINAIRE ON SIGNAL POLE.
6. INSTALL A SPARE TENON FOR FUTURE SIGNAL DISPLAY.
7. CONSTRUCT FOUNDATION AND INSTALL SERVICE PEDESTAL.
8. CONSTRUCT FOUNDATION AND INSTALL DOUBLE 332 CABINET WITH 8" RISER PLUS BPS. CONSTRUCT A 4' X 4' CONCRETE MAINTENANCE PAD IN FRONT OF CABINET DOOR.
9. INSTALL MASTARM MOUNTED SIGN PER SIGN SCHEDULE ON SHEET CHD2.
10. CONSTRUCT FOUNDATION AND INSTALL TYPE PS POLE; ONE PEDESTRIAN DISPLAY 87; AND ONE POLARA APS PEDESTRIAN PUSH BUTTON ASSEMBLY.

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ISSUE	DATE	DESCRIPTION	PROJECT NUMBER
▲	05/30/2013	211TH PL PEDESTRIAN CROSSWALK REVISION	0000000110731



CITY OF ARLINGTON
67th AVENUE PHASE III
RECONSTRUCTION PROJECT

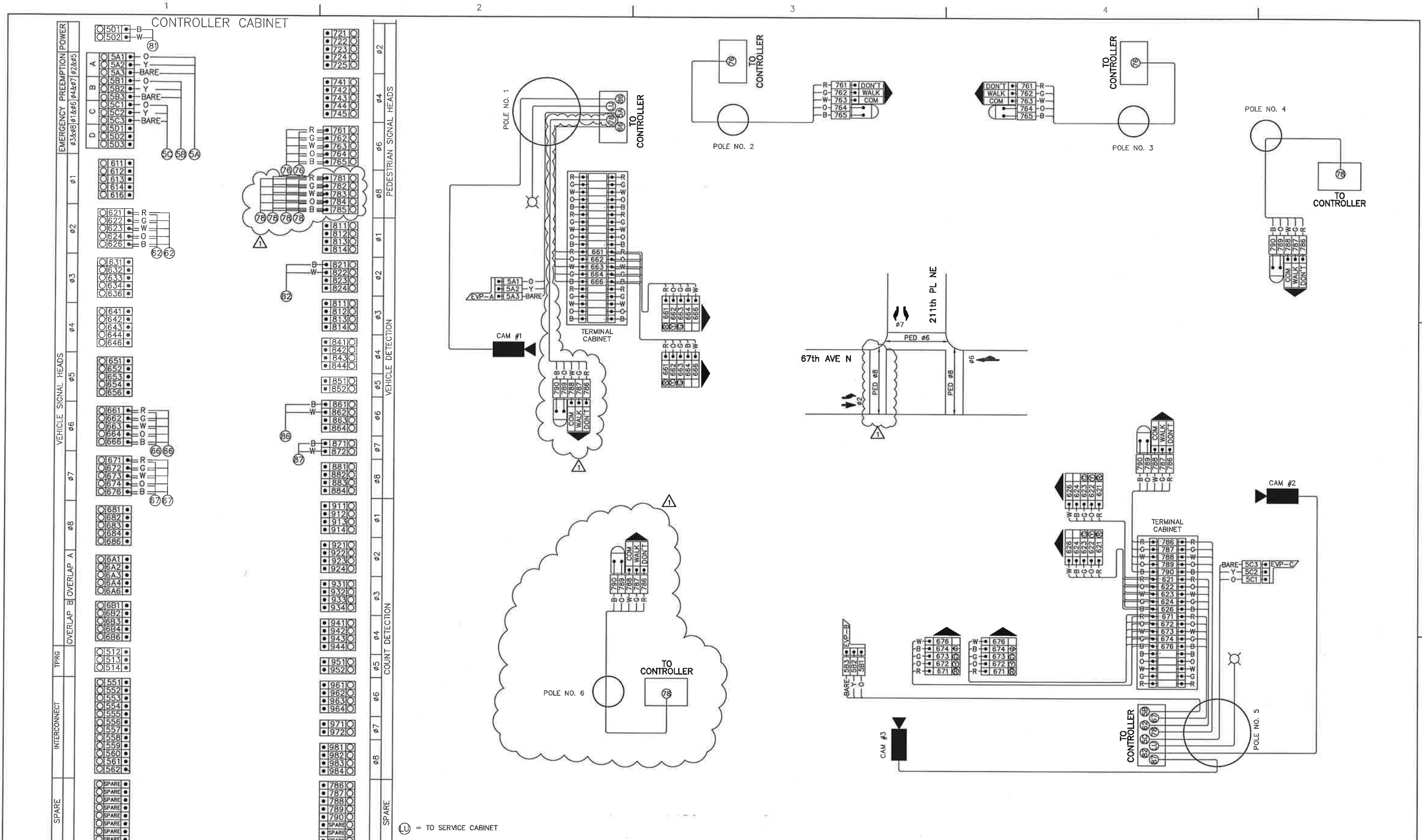
TRAFFIC SIGNAL PLAN
67th AVE NE / 211th PL NE
SG2
(2 OF 4)

0 1/2" 1"

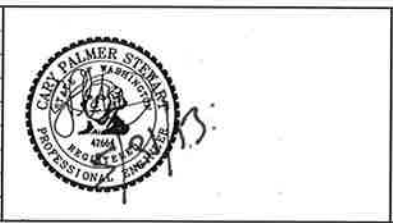
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SCALE: 1"=20' (11x17)

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PROJECT MANAGER	
ISSUE	05/30/2013 211TH PL PEDESTRIAN CROSSWALK REVISION
DATE	
DESCRIPTION	
PROJECT NUMBER	000000110731



CITY OF ARLINGTON
67th AVENUE PHASE III
RECONSTRUCTION PROJECT

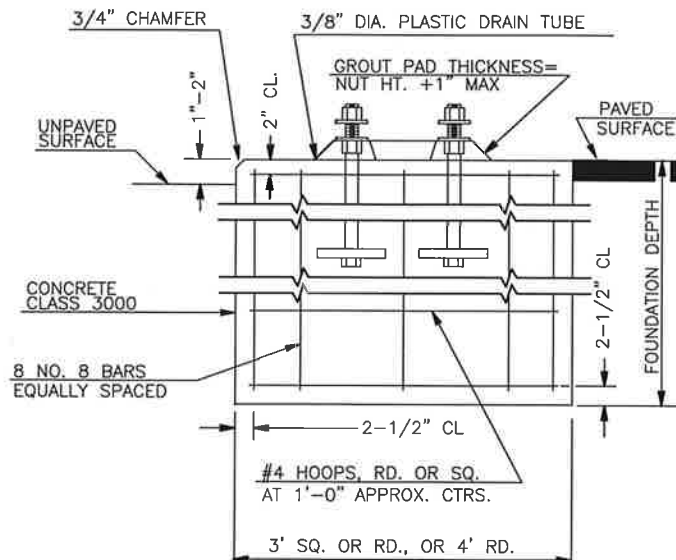
WIRING DIAGRAM
67th AVE NE / 211th PL NE
SG3
(3 OF 4)

0 1/2" 1"

FILENAME	SG-00C-03.dwg	SHEET
SCALE	1"=40' (11x17)	116

ALLOWABLE LATERAL BEARING PRESSURE (psf)	FOUNDATION TYPE	XYZ (CUBIC FEET)					
		600	900	1,200	1,500	1,900	2,300
1,000	3' ROUND	10'	10'	11'	11'	13'	15'
	3' SQUARE	8'	8'	9'	9'	10'	11'
1,500	3' ROUND	8'	8'	9'	11'	13'	15'
	4' ROUND	7'	7'	7'	8'	8'	9'
2,500	3' ROUND	6'	6'	7'	11'	13'	15'
	4' ROUND	6'	6'	6'	6'	7'	7'

THIS TABLE BASED ON A₀ VALUE OF 26". FOR DOUBLE MAST ARM STANDARDS WITH 90° BETWEEN ARMS, USE THE LARGER XYZ VALUE FOR FOUNDATION DEPTH SELECTION. A SPECIAL FOUNDATION DESIGN IS REQUIRED FOR DOUBLE ARM STANDARDS IF THE ANGLE IS NOT 90°.



FOUNDATION DETAIL

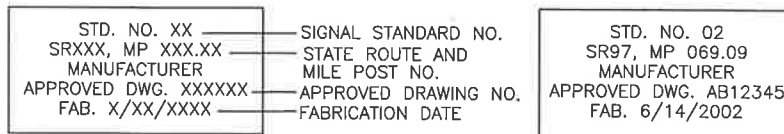
NOTES:

(1) MOUNTING COUPLING INSTALLED AT OFFSET DISTANCE INDICATED IN CHART (2) FIELD INSTALLED.

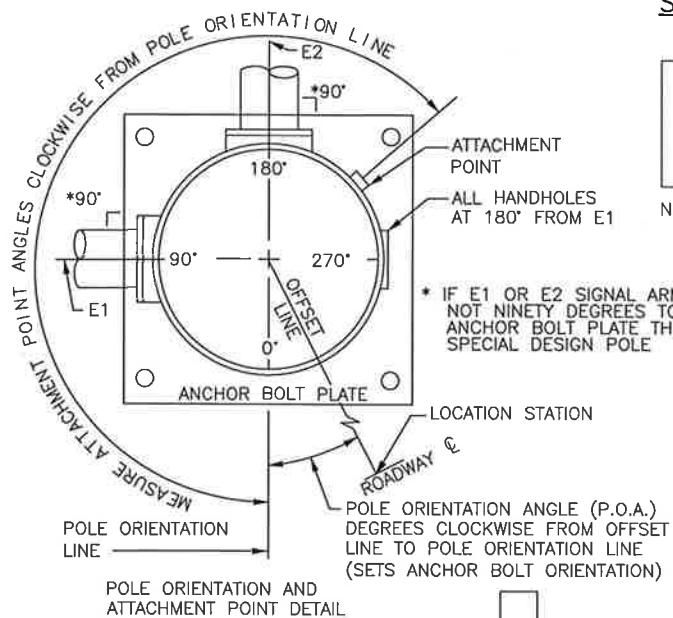
ALTERNATE NOTE (1):

FOR TYPE N MOUNT ONLY
DRILL 1" HOLE IN MAST ARM AND
INSTALL PLASTIC SPLIT BUSHING
FOR CABLE ENTRANCE.

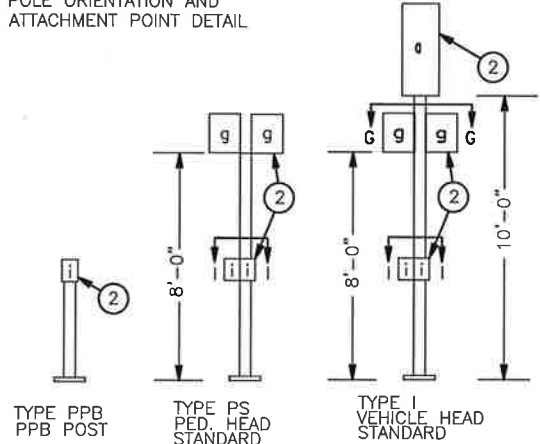
SIGNAL STANDARD IDENTIFICATION TAG DETAIL EXAMPLE



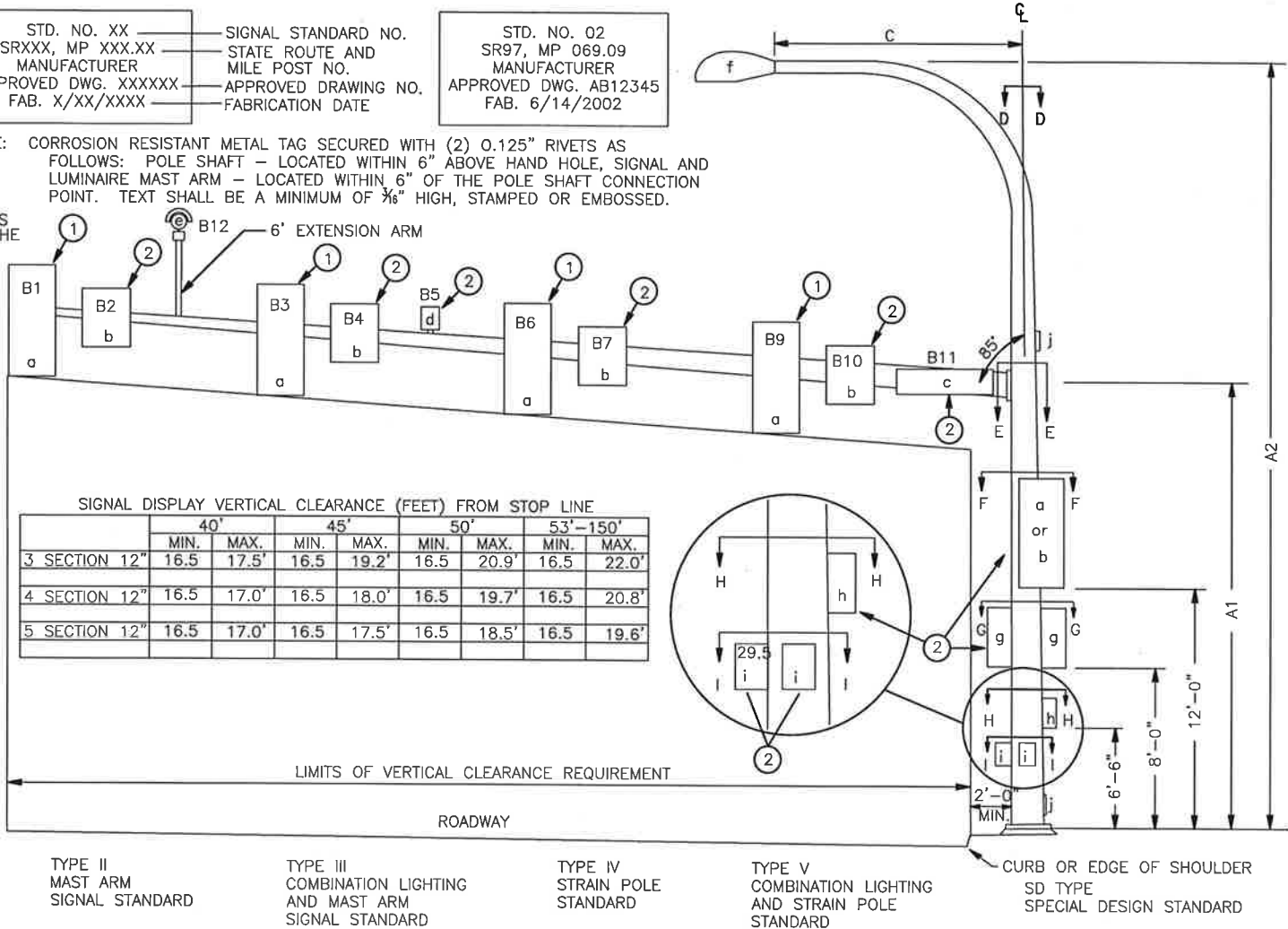
NOTE: CORROSION RESISTANT METAL TAG SECURED WITH (2) 0.125" RIVETS AS FOLLOWS: POLE SHAFT - LOCATED WITHIN 6" ABOVE HAND HOLE, SIGNAL AND LUMINAIRE MAST ARM - LOCATED WITHIN 6" OF THE POLE SHAFT CONNECTION POINT. TEXT SHALL BE A MINIMUM OF 3/16" HIGH, STAMPED OR EMBOSSED.



POLE ORIENTATION AND ATTACHMENT POINT DETAIL



TYPE PPB POST, TYPE PS PED. HEAD STANDARD, TYPE I VEHICLE HEAD STANDARD



SIGNAL STANDARD DETAIL CHART

STD. No.	FIELD LOCATION					TYPE	MOUNTING HEIGHT (FT)		MAST ARM LENGTH (FT)	SIGNAL MAST ARM DATA													LUMINAIRE ARM (FT)	POLE ATTACHMENT POINT ANGLES (deg)					FOUNDATION DEPTH (FT)			REMARKS						
	STATION	OFFSET	LT	RT	P.O.A.		A1	A2		OFFSET DISTANCE (FT) (Z) (POLE € TO ATTACHMENT POINT)										(X)(Y)(Z) TOTAL (FT)	C	D		E1	E2	F	G1	G2	H	I1	I2		3' RD.	3' SQ.	4' RD.			
										B1	B2	B3	B5	B6	B7	B9	B10	B11	B12																	B13		
1	A STA. 125+07.53	27.38	X	Δ	0	18	25	30	19.5	10.0																												
2	A STA. 125+21.66	41.20	X			PS																																
3	A STA. 125+89.85	42.80	X			PS																																
4	A STA. 126+09.87	28.13	X			PS																																
5	A STA. 126+13.12	28.83	X	0	SD	18	35	30	29.5*	25.0	21.5	27.5	13.5																									
6	A STA. 125+17.51	28.10	X		PS	18	35	35	34.5	22.0	28.0																											

NOTES:

(1) MOUNTING COUPLING INSTALLED AT OFFSET DISTANCE INDICATED IN CHART (2) FIELD INSTALLED. (3) 0-DEGREE TOWARDS 67TH AVENUE (A LINE).

LEGEND

- a. VEHICLE DISPLAY
- b. SIGN
- c. STREET NAME SIGN
- d. PREEMPTION DETECTOR
- e. VIDEO DETECTION CAMERA
- f. LUMINAIRE
- g. PEDESTRIAN DISPLAY
- h. CABINET
- i. PPB (TYPE H STYLE)
- j. HANDHOLE

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PROJECT MANAGER	
ISSUE	DATE
DESCRIPTION	PROJECT NUMBER



CITY OF ARLINGTON
67th AVENUE PHASE III
RECONSTRUCTION PROJECT

POLE SCHEDULE
67th AVE NE / 211th PL NE
SG4
(4 OF 4)

FILENAME: SG-00C-04.dwg
SCALE: 1"=40' (11x17)
SHEET: 117