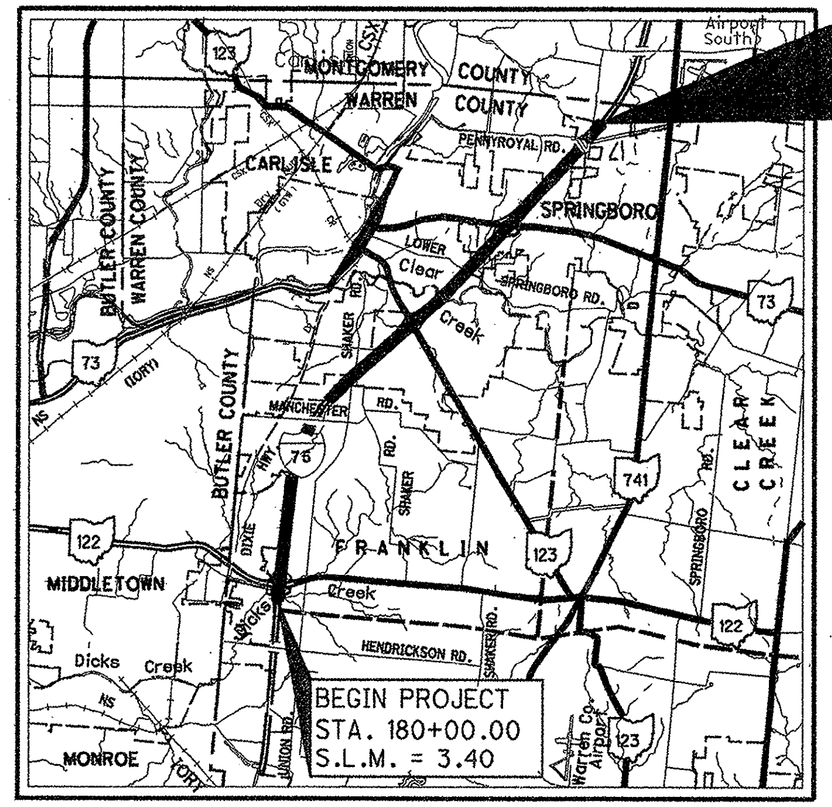

LOCATION MAP

LATITUDE: N39°32'15" LONGITUDE: W84°18'00"

SCALE IN MILES

0 2 4 6 8

PORTION TO BE IMPROVED

INTERSTATE & DIVIDED HIGHWAY

UNDIVIDED STATE & FEDERAL ROUTES

OTHER ROADS

DESIGN DESIGNATION

SEE SHEET 3 FOR
PROJECT DESIGN DESIGNATIONS

DESIGN EXCEPTIONS

DESIGN FEATURES	APPROVED	SHEET NUMBERS
MANCHESTER ROAD		
LANE WIDTH	7/13/06	25
SHOULDER WIDTH	7/13/06	25
BRIDGE WIDTH	7/13/06	1232-1233

UNDERGROUND UTILITIES
TWO WORKING DAYS
BEFORE YOU DIG
CALL 1-800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

PLAN PREPARED BY:

W.E.C. ENGINEERS OF OHIO, INC.
3455 MILL RUN DRIVE, SUITE 310
HILLIARD, OHIO 43026
TEL: 614-921-8888 E-MAIL: WEC@WECOHIO.COM

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

WAR-75-3.40

PART 1

WARREN COUNTY

CITY OF MIDDLETOWN
CITY OF FRANKLIN
CITY OF SPRINGBORO
SEE BUT/WAR-122-10.94 FOR PART 2

INDEX OF SHEETS:
SEE SHEET 2

PROJECT DESCRIPTION

THE PROJECT INCLUDES 8.4 MILES OF WORK ALONG IR-75. ONE LANE IN EACH DIRECTION WILL BE ADDED INTO THE MEDIAN WITH A CONCRETE MEDIAN BARRIER. THE EXISTING PAVEMENT WILL BE EITHER RUBBLIZED OR BE REPLACED FULL DEPTH. THE INTERCHANGE AT S.R. 122 WILL BE RECONFIGURED. THIS PROJECT ALSO INCLUDES BRIDGE REPLACEMENTS AT PENNYROYAL AND AT IR 75 OVER SR 122, REHABILITATION OF OTHER EXISTING BRIDGES ALONG AND OVER IR 75 AND DRAINAGE IMPROVEMENTS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	447 ACRES
ESTIMATED CONTRACTOR EARTH DISTRUBED AREA:	47.1 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	494 ACRES

ENGINEERS SEAL: FOR ROADWAY	ENGINEERS SEAL: FOR STRUCTURES OVER 20'	ENGINEERS SEAL: FOR LIGHTING
STEVEN C. SMITH E-54439 REGISTERED PROFESSIONAL ENGINEER	STEVEN JOSEPH ANSLINGER E-53220 REGISTERED PROFESSIONAL ENGINEER	MARK YOUNG E-66113 REGISTERED PROFESSIONAL ENGINEER
SIGNED: DATE: 3-21-08	SIGNED: DATE: 3-21-08	SIGNED: DATE: 04/03/08
BURGESS & NIPLE PENNYROYAL ROAD WAR-75-1146 BRIDGE LIGHTING PLANS		

ENGINEERS SEAL: FOR ROADWAY	ENGINEERS SEAL: FOR STRUCTURES OVER 20'
JAMES A. BARNA E-68909 REGISTERED PROFESSIONAL ENGINEER	RICHARD L. ENGEL PE-39917 REGISTERED PROFESSIONAL ENGINEER
SIGNED: DATE: 3-25-08	SIGNED: Richard Engel DATE: 3-25-08
E.L. ROBINSON MANCHESTER ROAD, LOWER SPRINGBORO ROAD WAR-75-0634 BRIDGE & WAR-75-0918 BRIDGE	

ENGINEERS SEAL: FOR STRUCTURES OVER 20'	ENGINEERS SEAL: FOR SIGNAL
GREGORY D. JOHNSON E-68952 REGISTERED PROFESSIONAL ENGINEER	TONY W. GRIESHOP E-70196 REGISTERED PROFESSIONAL ENGINEER
SIGNED: DATE: 3-31-08	SIGNED: DATE: 4-8-08
W.D. PARTNERS WAR-122-0094 BRIDGE WAR-75-3.40 SIGNAL PLANS	

ENGINEERS SEAL: FOR ROADWAY
WALID A. AWTONICS E-63799 REGISTERED PROFESSIONAL ENGINEER
SIGNED: DATE: 04/07/08

ENGINEERS SEAL: FOR STRUCTURES OVER 20'
YEOU-SHANG JENG 58874 REGISTERED PROFESSIONAL ENGINEER
SIGNED: DATE: 04/09/08

STANDARD CONSTRUCTION DRAWINGS

BP-1.1	7/28/00	GR-2.2	1/20/06	I-2.1	7/15/05	MT-105.10	10/18/02	TC-61.10	1/19/01
BP-2.1	7/16/04	GR-2.4	4/18/03	I-2.2	7/15/05	MT-105.11	10/18/02	TC-65.10	1/21/05
BP-2.2	7/16/04	GR-3.1	1/19/07	I-2.3	7/15/05	MT-120.00	3/01/00	TC-65.11	1/21/05
BP-3.1	10/19/07	GR-3.2	1/19/07					TC 71.10	1/19/07
BP-4.1	7/16/04	GR-4.2	1/19/07	MH-1.2	1/20/06	RM-1.1	4/21/06	TC-72.20	1/21/05
BP-5.1	7/28/00	GR-5.1	4/18/03			RM-4.2	10/19/07	TC-73.10	1/19/01
		GR-5.2	1/16/04	MT-35.10	4/20/01	RM-4.3	1/19/07	TC-81.10	5/01/00
BR-1	7/19/02	GR-5.3	1/16/04	MT-95.30	9/05/06	RM-4.4	1/19/07	TC-81.20	1/16/04
		GR-6.1	4/18/03	MT-95.31	9/05/06	RM-4.5	1/19/07	TC-83.10	1/19/07
CB-1.1	7/15/05	GR-6.2	4/18/03	MT-95.32	9/05/06	RM-4.6	1/16/04	TC-83.20	1/19/07
CB-1.2	7/15/05			MT-95.40	10/20/06			TC-84.20	1/19/07
CB-2.1	7/15/05	HL-10.11	1/16/04	MT-95.41	10/20/06	TC-7.65	1/19/07	TC-84.21	1/19/07
CB-2.2	7/15/05	HL-10.12	1/19/07	MT-95.82	9/05/06	TC-12.30	1/19/07	TC-85.10	4/19/02
CB-3.1	7/15/05	HL-10.13	1/17/03	MT-97.10	9/05/06	TC-21.10	1/19/07	TC-85.20	5/01/00
		HL-20.11	1/19/07	MT-97.12	9/05/06	TC-21.20	1/19/07		
DM-1.1	4/21/06	HL-20.14	1/21/05	MT-98.10	10/19/07	TC-21.40	1/18/02	WQ-1.2	4/21/06
DM-1.2	10/21/05	HL-30.11	1/21/05	MT-98.11	10/19/07	TC-22.10	1/19/01		
DM-1.4	4/21/06	HL-30.21	1/18/07	MT-98.20	10/19/07	TC-31.21	4/20/01	AS-1-81	7/19/02
DM-4.1	7/19/02	HL-30.22	1/21/05	MT-98.21	10/19/07	TC-32.11	1/19/01	BR-2-98	7/19/02
DM-4.2	1/21/05	HL-30.31	1/21/05	MT-98.22	10/19/07	TC-41.10	10/19/07	EXJ-4-87	7/19/02
DM-4.3	7/19/02	HL-30.32	4/19/02	MT-98.28	10/19/07	TC-41.20	1/19/01	GSD-1-96	7/19/02
DM-4.4	7/19/02	HL-30.33	1/21/05	MT-98.29	10/19/07	TC-41.30	1/19/07	PCB-91	7/19/02
		HL-40.10	1/19/07	MT-99.20M	1/30/95	TC-41.40	7/16/04	PSID-1-99	4/20/07
F-1.1	7/16/04	HL-50.11	1/19/07	MT-100.00	4/19/02	TC-41.41	1/19/01	RB-1-55	2/02/59
F-2.1	7/28/00	HL-50.21	1/19/07	MT-101.20	10/18/02	TC-41.50	1/19/07	SBR-1-99	7/19/02
F-3.1	7/28/00	HL-60.11	1/19/07	MT-101.60	9/20/06	TC-42.10	1/19/07	SICD-1-96	7/19/02
F-3.3	7/28/00	HL-60.31	1/19/07	MT-101.70	10/18/02	TC-42.20	7/16/04	VPF-1-90	7/19/02
F-3.4	7/28/00			MT-102.10	10/20/06	TC-51.11	4/20/01	A-1-69	7/19/02
		HW-1.1	1/21/05	MT-102.20	9/05/06	TC-51.12	4/20/01		
GR-1.1	7/16/04	HW-2.1	4/21/06	MT-102.30	9/05/06	TC-52.10	1/19/07		
GR-2.1	1/16/04	HW-2.2	4/21/06			TC-52.20	1/19/07		

SUPPLEMENTAL SPECIFICATIONS

SS 800	1/16/09
SS 802	4/15/05
SS 812	4/15/05
SS 816	1/19/07
SS 832	4/25/06
SS 835	4/21/06
SS 836	4/15/05
SS 837	4/20/07
SS 840	1/19/07
SS 848	4/15/05
SS 872	4/21/06
SS 878	4/21/06
SS 880	7/21/06
SS 884	4/15/05
SS 885	7/20/07
SS 898	7/21/06
SS 937	4/20/07

SPECIAL PROVISIONS

NWP#14	12/20/07
NWP#14	2/12/07
SP832	5/20/08

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2008 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED _____
DATE 8/27/08 DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE 12-4-08 DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO. E040268
PID NO. 10754
CONSTRUCTION PROJECT NO.
RAILROAD INVOLVEMENT NONE
WAR-75-3.40
1 / 2346

WAR-75-3.40 PT1 & PT2
090171 PID - 10754
DIST 08 4/1/2009

03/19/2008
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INDEX OF SHEETS:

CALCULATED CTW
CHECKED WAA

INDEX OF SHEETS

WAR-75-3.40

04/04/2008
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INTERSTATE ROUTE 75

DESIGN DESIGNATION (IR 75)
BETWEEN SR 123 AND SR 73

OPENING YEAR ADT (2010) 105,410
DESIGN YEAR ADT (2030) 136,990
DESIGN HOURLY VOLUME 12,329
DIRECTIONAL DISTRIBUTION 60%
TRUCKS 22.0%
DESIGN SPEED ..... 70 MPH
LEGAL SPEED ..... 65 MPH
DESIGN DESIGNATION ..... PRINCIPAL ARTERIAL - INTERSTATE (URBAN)

DESIGN DESIGNATION (SR 73)
WEST OF IR 75

OPENING YEAR ADT (2010) 35860
DESIGN YEAR ADT (2030) 39110
DESIGN HOURLY VOLUME 4090
DIRECTIONAL DISTRIBUTION 55%
TRUCKS 4.0%
DESIGN SPEED ..... 45 MPH
LEGAL SPEED ..... 45 MPH
DESIGN DESIGNATION ..... PRINCIPAL ARTERIAL - OTHER (URBAN)

STATE ROUTE 123

DESIGN DESIGNATION (SR 123)
WEST OF IR 75

OPENING YEAR ADT (2010) 14,330
DESIGN YEAR ADT (2030) 17,240
DESIGN HOURLY VOLUME 1,552
DIRECTIONAL DISTRIBUTION 60%
TRUCKS 9.0%
DESIGN SPEED ..... 35 MPH
LEGAL SPEED ..... 35 MPH
DESIGN DESIGNATION ..... MINOR ARTERIAL - (URBAN)

DESIGN DESIGNATION (SR 123)
EAST OF IR 75

OPENING YEAR ADT (2010) 21,880
DESIGN YEAR ADT (2030) 28,970
DESIGN HOURLY VOLUME 2,607
DIRECTIONAL DISTRIBUTION 60%
TRUCKS 15.0%
DESIGN SPEED ..... 35 MPH
LEGAL SPEED ..... 35 MPH
DESIGN DESIGNATION ..... MINOR ARTERIAL - (URBAN)

STATE ROUTE 122

DESIGN DESIGNATION (SR 122)
WEST OF IR 75

OPENING YEAR ADT (2010) 38,300
DESIGN YEAR ADT (2030) 41,700
DESIGN HOURLY VOLUME 3,753
DIRECTIONAL DISTRIBUTION 60%
TRUCKS 15.0%
DESIGN SPEED ..... 50 MPH
LEGAL SPEED ..... 50 MPH
DESIGN DESIGNATION ..... MINOR ARTERIAL - (URBAN)

DESIGN DESIGNATION (SR 122)
EAST OF IR 75

OPENING YEAR ADT (2010) 22,050
DESIGN YEAR ADT (2030) 27,440
DESIGN HOURLY VOLUME 2,470
DIRECTIONAL DISTRIBUTION 60%
TRUCKS 6.0%
DESIGN SPEED ..... 50 MPH
LEGAL SPEED ..... 50 MPH
DESIGN DESIGNATION ..... MINOR ARTERIAL - (URBAN)

DESIGN DESIGNATION ACCESS ROAD

OPENING YEAR ADT (2010) 700
DESIGN YEAR ADT (2030) 2130
DESIGN HOURLY VOLUME 43
DIRECTIONAL DISTRIBUTION 55%
TRUCKS 1.0%
DESIGN SPEED ..... 25 MPH
LEGAL SPEED ..... 25 MPH
DESIGN DESIGNATION ..... LOCAL ROAD

OVERHEAD BRIDGES

DESIGN DESIGNATION PENNYROYAL RD

OPENING YEAR ADT (2010) 5,000
DESIGN YEAR ADT (2030) 6,100
DESIGN HOURLY VOLUME 610
DIRECTIONAL DISTRIBUTION 60%
TRUCKS 6.0%
DESIGN SPEED ..... 35 MPH
LEGAL SPEED ..... 35 MPH
DESIGN DESIGNATION ..... COLLECTOR (URBAN)

DESIGN DESIGNATION LOWER SPRINGBORO RD

OPENING YEAR ADT (2010) 3,530
DESIGN YEAR ADT (2030) 5,170
DESIGN HOURLY VOLUME 620
DIRECTIONAL DISTRIBUTION 55%
TRUCKS 2.0%
DESIGN SPEED ..... 35 MPH
LEGAL SPEED ..... 35 MPH
DESIGN DESIGNATION ..... MINOR COLLECTOR - LOCAL (URBAN)

DESIGN DESIGNATION MANCHESTER ROAD

OPENING YEAR ADT (2010) 4,610
DESIGN YEAR ADT (2030) 6,740
DESIGN HOURLY VOLUME 674
DIRECTIONAL DISTRIBUTION 55%
TRUCKS 2.0%
DESIGN SPEED ..... 45 MPH
LEGAL SPEED ..... 45 MPH
DESIGN DESIGNATION ..... MINOR ARTERIAL - LOCAL (URBAN)

SIDEROADS

DESIGN DESIGNATION COMMERCE DRIVE

OPENING YEAR ADT (2010) 4800
DESIGN YEAR ADT (2030) 7170
DESIGN HOURLY VOLUME 645
DIRECTIONAL DISTRIBUTION 60%
TRUCKS 6.0%
DESIGN SPEED ..... 35 MPH
LEGAL SPEED ..... 35 MPH
DESIGN DESIGNATION ..... LOCAL ROAD

STATE ROUTE 73

DESIGN DESIGNATION (SR 73)
EAST OF IR 75

OPENING YEAR ADT (2010) 49110
DESIGN YEAR ADT (2030) 65900
DESIGN HOURLY VOLUME 5770
DIRECTIONAL DISTRIBUTION 55%
TRUCKS 4.0%
DESIGN SPEED ..... 45 MPH
LEGAL SPEED ..... 45 MPH
DESIGN DESIGNATION ..... PRINCIPAL ARTERIAL - OTHER (URBAN)

04/01/2008
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SCHEMATIC PLAN

WAR-75-3.40

HORIZONTAL SCALE IN FEET: 0, 250, 500, 1000

CALCULATED CTW CHECKED WAA

POT STA. 160+00.00

BEGIN WORK STA. 165+00.00

Township of Turtlecreek

City of Middletown

POT STA. 180+00.00

BEGIN PROJECT STA. 180+00.00 S.L.M. 3.40 E040268

CORPORATION LIMITS MEETS ℄ SURVEY & CONST. IR 75 @ STA. 190+26.09 (APPROXIMATE STATION)

72" RCP WAR-75- SR 122 STA. 30+80.00

IR 75 STA. 7+38.30

BRIDGE NO. WAR-75-0396 W

IR 75 STA. 210+00

BRIDGE NO. WAR-75-0396 L/R

OVERHEAD ELECTRIC

DICK'S CREEK

SR 122

TOWNE BLVD

BEGIN WORK SR 122 STA. 25+00.00

SR 122 STA. 38+86.38 = IR 75 STA. 217+64.92

BRIDGE NO. WAR-75-0410 L/R

RAMP A

RAMP B

RAMP C

RAMP D

RAMP E

IR 75

36" PIPE CULVERT WAR-75-0446 IR 75 STA. 237+00.58

48" x 76" CULVERT WAR-75-0529 IR 75 STA. 280+34.57

CORPORATION LIMITS MEETS ℄ SURVEY & CONST. IR 75 @ STA. 261+89.57 (APPROXIMATE STATION)

EX. SOHIO 8" PIPELINE ℄

33" PIPE CULVERT WAR-75-0542 IR 75 STA. 287+00.24

160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300

N 4° 43' 17" E

N 8° 05' 36" E

CURVE DATA IR 75
PI STA. 254+81.59
Δ = 3° 22' 19" (RT)
Dc = 0° 10' 00"
R = 34,377.47'
T = 1,011.90'
L = 2,023.22'
E = 14.89'

PC STA. 244+69.68

PC STA. 288+84.55

PT STA. 264+92.91

City of Middletown

Township of Franklin

EQUATION STA. 266+41.17 BK = STA. 267+43.07 AH END REGION 2 BEGIN REGION 3

EQUATION STA. 180+01.62 BK = STA. 180+00.00 AH END REGION 1 BEGIN REGION 2

HENDRICKSON ROAD

48" PIPE CULVERT WAR-75-0347 IR 75 STA. 183+55.88

BRIDGE NO. WAR-75-0326

HENDRICKSON RD STA. 18+09.49 = IR 75 STA. 172+69.69

Township of Turtlecreek

City of Middletown

BRIDGE NO. WAR-75-0378 N&S

COMMERCE DR END WORK STA. 18+25.00

ACCESS RD

BRIDGE NO. WAR-122-0094

UNION RD

END WORK STA. 25+65.12

END WORK SR 122 STA. 69+50.00

BEGIN WORK STA. 14+23.00

48" PIPE CULVERT WAR-75-0557 IR 75 STA. 295+64.94

MATCH LINE STA. 305+00

SECTION A

MATCH LINE STA. 305+00

CURVE DATA IR 75
PI STA. 334+28.23
Δ = 40° 37' 00" (RT.)
Dc = 0° 28' 00"
R = 12,277.67'
T = 4,543.68'
L = 8,703.57'
E = 813.78'
Emax = 0.018

96" CMP WAR-75-0588 IR 75 STA. 311+55.82

310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450

CORPORATION LIMITS MEETS ℄ SURVEY & CONST. IR 75 @ STA. 348+36.00 (APPROXIMATE STATION)

48" RCP WAR-75-0666 IR 75 STA. 353+00.38

BEGIN NOISE WALL IR 75 STA. 363+30.00

City of Franklin

Township of Franklin

36" H.P. GAS

BRIDGE NO. WAR-75-0634

MANCHESTER RD STA. 15+00.00 (ALONG ℄ EX. R/W) = IR 75 STA. 336+00.17

CORPORATION LIMITS MEETS ℄ SURVEY & CONST. IR 75 @ STA. 363+76.09 (APPROXIMATE STATION)

PT STA. 375+88.12

CORPORATION LIMITS MEETS ℄ SURVEY & CONST. IR 75 @ STA. 368+52.46 (APPROXIMATE STATION)

24" RCP WEST 21" RCP EAST WAR-75-0719 IR 75 STA. 380+75.67

END NOISE WALL IR 75 STA. 383+80.00

68" x 43" ELLIPTICAL RCP WAR-75-0724 IR 75 STA. 383+50.82

BRIDGE NO. WAR-75-0722

SHAKER RD STA. 15+00.00 = IR 75 STA. 382+92.82

N 48° 42' 36" E

TWIN 96" CMP WAR-75-0810 IR 75 STA. 428+83.81

SR 123

RAMP J

RAMP K

RAMP L

RAMP M

WETLANDS

WETLANDS

POT STA. 11+00.00

EQUATION STA. 448+20.98 BK = STA. 11+00.00 AH END REGION 3 BEGIN REGION 4

MATCH LINE STA. 13+50

BRIDGE NO. WAR-75-0817 L/R

SR 123 STA. 15+00.00 = IR 75 STA. 434+15.21

NOTE:
FOR BENCHMARKS AND REFERENCE POINTS, SEE SHEET 6.

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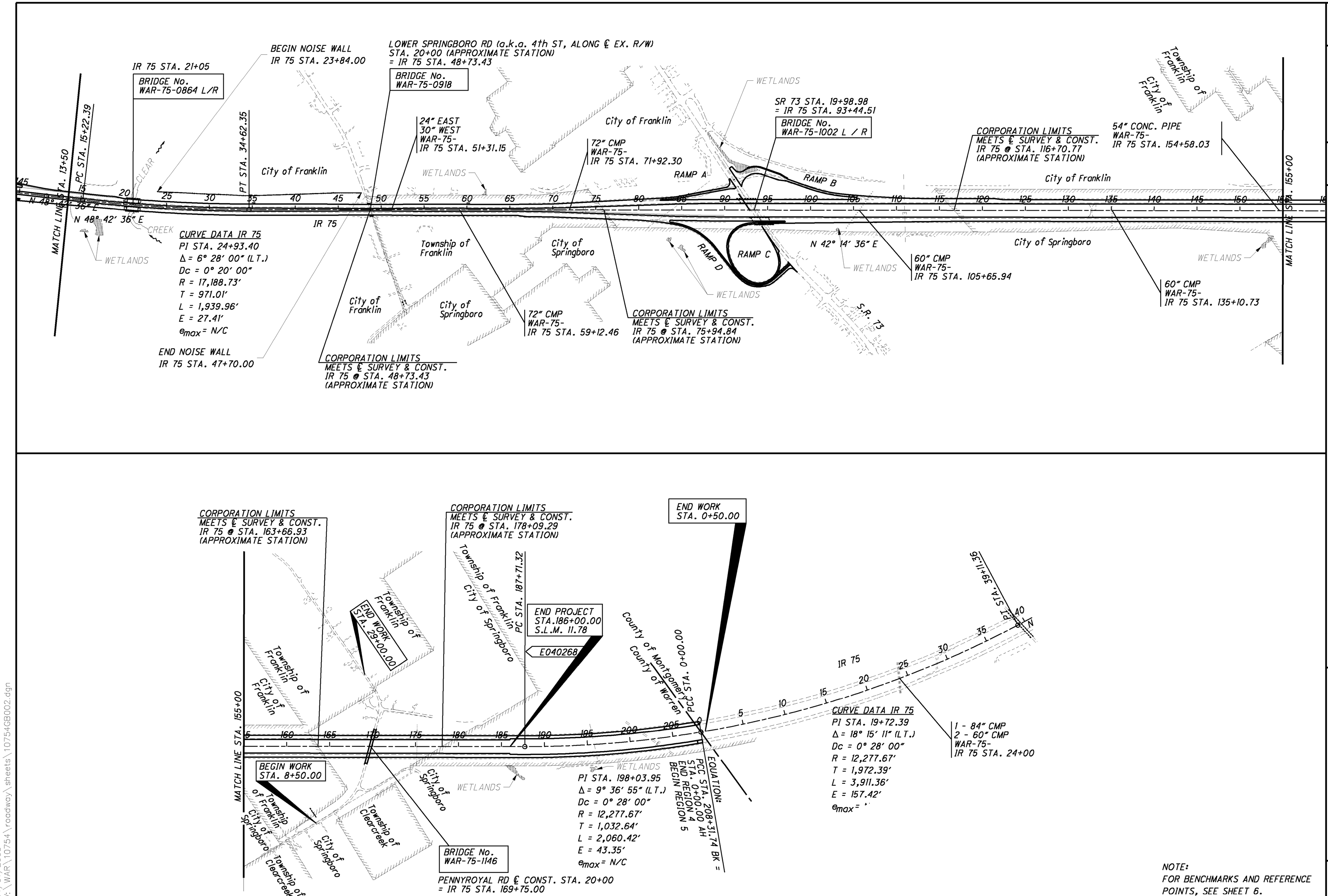

NOTE:
FOR BENCHMARKS AND REFERENCE POINTS, SEE SHEET 6.

SCHEMATIC PLAN

WAR-75-3.40

04/01/2008
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SHEET NUMBER									PARTICIPATION				ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
1738/ 1739	1740/ 1741	1742/ 1743	1744/ 1745	1746/ 1747	1748/ 1749	1750/ 1751	1752/ 1753	1754/ 1755	MULTI-LANE - IM	MAJOR NEW - NHS	MAJOR NEW / LOCAL	MIAMI VALLEY REGIONAL PLANNING COMMISSION						
4	0	0	0	0	0	0	0	0		0	4	0	202	75507	4	EACH	LUMINAIRE REMOVED, AS PER PLAN	1737
1	0	0	0	0	0	0	0	0		0	1	0	202	75801	1	EACH	DISCONNECT EXISTING CIRCUIT, AS PER PLAN	1737
14	12	16	32	10	16	16	12	16		122	10	12	625	00500	144	EACH	CONNECTOR KIT, TYPE II	
12	18	21	12	21	24	15	36	15		153	9	12	625	01500	174	EACH	CABLE SPLICING KIT	
5	2	2	1	2	3	3	4	3		21	1	3	625	10490	25	EACH	LIGHT POLE, CONVENTIONAL AT20B41.7	
1	0	0	2	0	1	1	0	1		6	0	0	625	10490	6	EACH	LIGHT POLE, CONVENTIONAL AT25B41.7	
0	0	0	0	0	0	1	1	0		2	0	0	625	10490	2	EACH	LIGHT POLE, CONVENTIONAL AT15B51.7	
1	1	1	8	3	4	3	1	4		21	2	3	625	10490	26	EACH	LIGHT POLE, CONVENTIONAL AT20B51.7	
0	1	0	0	0	0	0	0	0		0	1	0	625	10490	1	EACH	LIGHT POLE, CONVENTIONAL AT25B51.7	
0	0	0	3	0	0	0	0	0		3	0	0	625	10490	3	EACH	LIGHT POLE, CONVENTIONAL A15B38.2	
0	0	1	0	0	0	0	0	0		0	1	0	625	10490	1	EACH	LIGHT POLE, CONVENTIONAL A15B48.2	
0	0	0	12	0	0	0	0	0		12	0	0	625	10600	12	EACH	LIGHT POLE ANCHOR L-BOLTS	
0	0	4	0	0	0	0	0	0		0	4	0	625	10614	4	EACH	LIGHT POLE ANCHOR BOLTS ON STRUCTURE	
6	2	2	3	2	4	4	4	4		27	1	3	625	14100	31	EACH	LIGHT POLE FOUNDATION, 24" X 8' DEEP	
1	2	1	8	3	4	4	2	4		23	3	3	625	14200	29	EACH	LIGHT POLE FOUNDATION, 24" X 10' DEEP	
0	0	0	3	0	0	0	0	0		3	0	0	625	14501	3	EACH	LIGHT POLE FOUNDATION, AS PER PLAN	1737
771	1814	4269	3801	564	1752	216	792	471		12261	2189	0	625	23200	14450	FT	NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE	
898	546	519	1865	680	1082	1072	774	1082		7021	693	804	625	23400	8518	FT	NO. 10 AWG POLE AND BRACKET CABLE	
1824	1736	2171	5970	3200	2673	4224	6107	3845		26136	1575	4039	625	24320	31750	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES	
823	844	2127	973	911	580	779	0	0		6178	859	0	625	25400	7037	FT	CONDUIT, 2", 725.04	
257	552	137	294	188	584	72	264	157		2025	480	0	625	25500	2505	FT	CONDUIT, 3", 725.04	
0	0	0	0	0	0	0	342	0		342	0	0	625	25900	342	FT	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT : 3", 725.04	
6	2	2	6	2	4	4	4	4		30	1	3	625	26251	34	EACH	LUMINAIRE, CONVENTIONAL, AS PER PLAN : 480V, 200W HPS, IES TYPE II DISTRIBUTION	1737
1	2	2	1	2	0	1	1	2		8	4	0	625	26251	12	EACH	LUMINAIRE, CONVENTIONAL, AS PER PLAN : 480V, 310W HPS, IES TYPE II DISTRIBUTION	1737
0	0	0	7	1	4	3	1	2		15	0	3	625	26251	18	EACH	LUMINAIRE, CONVENTIONAL, AS PER PLAN : 480V, 400W HPS, IES TYPE II DISTRIBUTION	1737
2188	2081	2579	6104	3426	4633	4500	6263	3766		29596	1943	4001	625	29002	35540	FT	TRENCH, 24" DEEP	
2	1	1	0	2	1	1	0	0		8	0	0	625	29910	8	EACH	TRANSITION JUNCTION BOX	
4	6	4	0	4	3	5	0	0		23	3	0	625	29920	26	EACH	STRUCTURE JUNCTION BOX	
0	0	3	4	0	0	0	0	0		7	0	0	625	29941	7	EACH	BARRIER JUNCTION BOX, AS PER PLAN	1737
4	5	7	4	7	8	5	12	5		51	2	4	625	30700	57	EACH	PULL BOX, 725.08, 18"	
0	1	0	0	0	0	0	0	0		0	1	0	625	30706	1	EACH	PULL BOX, 725.08, 24"	
7	4	7	15	5	8	8	6	8		57	5	6	625	32000	68	EACH	GROUND ROD	
2	3	1	0	2	2	2	0	0		11	1	0	625	33001	12	EACH	STRUCTURE GROUNDING SYSTEM, AS PER PLAN	1737
0	1	0	0	1	0	0	0	1		2	1	0	625	34001	3	EACH	POWER SERVICE, AS PER PLAN	1737

CALCULATED MTY
CHECKED TEB

LIGHTING GENERAL SUMMARY

WAR-75-3.40

1736
2346

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202. LUMINAIRE REMOVED, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF REMOVING AN EXISTING LUMINAIRE AND BRACKET ARM. THE LUMINAIRE AND BRACKET ARM SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF THE PROJECT SITE.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID UNDER CMS ITEM 202, "LUMINAIRE REMOVED, AS PER PLAN" FOR EACH LUMINAIRE AND BRACKET ARM REMOVED WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

202. DISCONNECT EXISTING CIRCUIT, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE DISCONNECTION OF AN EXISTING LIGHT CIRCUIT AT A PULL BOX OR TRANSFORMER BASE. DISCONNECTION AT A PULL BOX SHALL INVOLVE CUTTING THE EXISTING CIRCUIT AND REMOVING ALL SPLICE KITS. ANY CABLE THAT IS TO BE ABANDONED SHALL BE TERMINATED FROM THE PULL BOX SO THAT NO CABLE IS LEFT IN THE BOX. DISCONNECTION AT A TRANSFORMER BASE SHALL INVOLVE CUTTING THE EXISTING CIRCUIT AND REMOVING ALL CONNECTOR KITS. ALL DUCT-CABLE NOT TO BE REUSED SHALL BE REMOVED FROM THE TRANSFORMER BASE, AND THE EXISTING CONDUIT IN THE FOUNDATION SHALL BE CLEANED OF ALL CABLE AND DEBRIS SO THAT THE NEW DUCT-CABLE CAN BE INSTALLED. ALL EXISTING CABLE TO REMAIN ACTIVE SHALL BE CUT IN A MANNER SO THAT THERE IS SUFFICIENT CABLE LEFT FOR RE-CONNECTION. THOSE WIRES THAT ARE TO REMAIN ON ACTIVE CIRCUITS SHALL HAVE A WATER-RESISTANT SEAL AT THE CUT END. THE WATER-RESISTANT SEAL SHALL BE ACCOMPLISHED BY PLUGGING THE DEACTIVATED PORT OF AN EXISTING CONNECTOR KIT OR BY INSTALLING A CABLE SPLICE KIT ON THE CUT END OF THE CABLE.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID UNDER CMS ITEM 202, "DISCONNECT EXISTING CIRCUIT, AS PER PLAN" AT EACH LOCATION WHERE DISCONNECTION IS REQUIRED WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

625. LIGHT POLE FOUNDATION, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF CMS 625.10,THIS ITEM OF WORK SHALL CONSIST OF PROVIDING A LIGHT POLE FOUNDATION AS SHOWN IN THE BARRIER-MOUNTED LIGHT POLE PILASTER AND FOUNDATION DETAIL ON SHEET 1781.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH CMS ITEM 625, "LIGHT POLE FOUNDATION, AS PER PLAN," FOR EACH LIGHT POLE FOUNDATION AND SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

CONDUIT EXPANSION AND DEFLECTION

EXPANSION FITTINGS SHALL BE OZ TYPE AX, CROUSE HINDS TYPE XJG, APPLETON TYPE AX, OR EQUAL APPROVED BY THE ENGINEER. EACH EXPANSION FITTING SHALL PROVIDE EITHER 4" OR 8" (100 mm OR 200 mm) TOTAL MOVEMENT AS SPECIFIED BY THE PLAN DETAILS AND SHALL HAVE AN EXTERNAL COPPER BONDING JUMPER, UNLESS SPECIFIED OTHERWISE BY THE PLAN DETAILS.

DEFLECTION COUPLINGS SHALL BE OZ TYPE DX, CROUSE HINDS TYPE XD, APPLETON TYPE DF, OR EQUAL APPROVED BY THE ENGINEER. EACH DEFLECTION COUPLING SHALL HAVE AN EXTERNAL COPPER BONDING JUMPER, UNLESS SPECIFIED OTHERWISE BY THE PLAN DETAILS.

625. LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CMS, LUMINAIRES FOR CONVENTIONAL LIGHTING UNITS SHALL BE AS FOLLOWS:

LUMINAIRES FOR CONVENTIONAL LIGHTING UNITS WITH IES TYPE II DISTRIBUTION AND 200 WATT HIGH PRESSURE SODIUM LAMPS SHALL BE AMERICAN ELECTRIC "SERIES 125/126" WITH PHOTOMETRIC DISTRIBUTION AE3849I, COOPER LIGHTING "OVD" WITH PHOTOMETRIC DISTRIBUTION OVD2S2F, GENERAL ELECTRIC "M-400" WITH PHOTOMETRIC DISTRIBUTION 1012 OR EQUAL APPROVED BY THE ENGINEER.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH CMS ITEM 625, "LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION" FOR EACH LUMINAIRE WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

625. LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CMS, LUMINAIRES FOR CONVENTIONAL LIGHTING UNITS SHALL BE AS FOLLOWS:

LUMINAIRES FOR CONVENTIONAL LIGHTING UNITS WITH IES TYPE II DISTRIBUTION AND 310 WATT HIGH PRESSURE SODIUM LAMPS SHALL BE AMERICAN ELECTRIC "SERIES 125/126" WITH PHOTOMETRIC DISTRIBUTION AE3849I, COOPER LIGHTING "OVD" WITH PHOTOMETRIC DISTRIBUTION OVD4S2C, GENERAL ELECTRIC "M-400" WITH PHOTOMETRIC DISTRIBUTION 1012 OR EQUAL APPROVED BY THE ENGINEER.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH CMS ITEM 625, "LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION" FOR EACH LUMINAIRE WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

625. LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CMS, LUMINAIRES FOR CONVENTIONAL LIGHTING UNITS SHALL BE AS FOLLOWS:

LUMINAIRES FOR CONVENTIONAL LIGHTING UNITS WITH IES TYPE II DISTRIBUTION AND 400 WATT HIGH PRESSURE SODIUM LAMPS SHALL BE AMERICAN ELECTRIC "SERIES 125/126" WITH PHOTOMETRIC DISTRIBUTION AE3849I, COOPER LIGHTING "OVD" WITH PHOTOMETRIC DISTRIBUTION OVD4S2C, GENERAL ELECTRIC "M-400" WITH PHOTOMETRIC DISTRIBUTION 1012 OR EQUAL APPROVED BY THE ENGINEER.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH CMS ITEM 625, "LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION" FOR EACH LUMINAIRE WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

LAMPS

HIGH PRESSURE SODIUM LAMPS SHALL BE GENERAL ELECTRIC "LUCALOX," OSRAM SYLVANIA "LUMALUX," PHILIPS "CERAMALUX" OR EQUAL APPROVED BY THE ENGINEER.

625. BARRIER JUNCTION BOX, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF CMS 625.11 AND 725.10, THIS ITEM OF WORK SHALL CONSIST OF PROVIDING A BARRIER JUNCTION BOX, AS SHOWN IN THE BARRIER JUNCTION BOX, AS PER PLAN DETAIL ON SHEET 1781.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH CMS ITEM 625, "BARRIER JUNCTION BOX, AS PER PLAN" FOR EACH BARRIER JUNCTION BOX WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

625. STRUCTURE GROUNDING SYSTEM, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF RECONNECTING THE EXISTING GROUNDING SYSTEM TO THE STRUCTURE SUPPORT BEAMS OR PROVIDING RISER CABLES EMBEDDED IN THE PIERS TO NEW GROUND RODS AND GROUNDING CONDUCTOR RISERS ON THE EXTERIOR OF EXISTING PIERS OR INSIDE NEW PIERS UP TO THE SUPPORT BEAMS OR PROVIDING NEW GROUND RODS AND GROUNDING CONDUCTOR RISERS INSIDE NEW ABUTMENTS UP TO SUPPORT BEAMS, AS NOTED IN THE PLANS, AND PROVIDING GROUNDING CONNECTIONS FOR STRUCTURE-MOUNTED JUNCTION BOXES, LIGHT POLE ANCHOR BOLTS AND CONDUIT EMBEDDED IN THE STRUCTURE. IN ADDITION, PROVIDE BONDING JUMPERS AROUND STRUCTURE SUPPORT BEAM SPLICES AND HINGES AND ACROSS EXPANSION JOINTS, AND BOND PARALLEL BRIDGE SECTIONS TOGETHER AT THE POINT AT WHICH THEY COME WITHIN 6'-6" OF EACH OTHER OR WHERE NOTED. COMPLY WITH THE REQUIREMENTS OF 625.16 AND HL-50.21.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH CMS ITEM 625, "STRUCTURE GROUNDING SYSTEM, AS PER PLAN" AND SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

625. POWER SERVICE, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF THE SPECIFICATIONS AND THE CONTROL CENTER DATA TABLE, SHOWN ON SHEET 1782, THE FOLLOWING IS ADDED.

THE POWER SUPPLYING AGENCY FOR THIS PROJECT IS
DUKE ENERGY CORPORATION
593 TODHUNTER RD.
MONROE, OH 45050
(513) 287-4675
CONTACT NAME: MR. DALE E. ROUSTER, CPC

ELECTRICAL SERVICE IS 240 / 480 VOLTS, SINGLE-PHASE, THREE-WIRE, GROUNDED NEUTRAL.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH CMS ITEM 625, "POWER SERVICE, AS PER PLAN" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

PADLOCKS AND KEYS

PADLOCKS FURNISHED SHALL BE EITHER BRASS OR BRONZE, EQUAL TO MASTER NO. 4BKA OR WILSON BOHANNAN 660A, AND SHALL BE KEYED IN ACCORDANCE WITH CMS 631.06.

PAYMENT SHALL BE INCLUDED IN THE BID FOR THE ITEM(S) BEING LOCKED.

CALCULATED MTY
CHECKED TEB

LIGHTING GENERAL NOTES

WAR-75-3.40

1737
2346

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REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	ITEM 202: LUMINAIRE REMOVED, AS PER PLAN (EACH)	ITEM 202: DISCONNECT EXISTING CIRCUIT, AS PER PLAN (EACH)	ITEM 625: CONNECTOR KIT, TYPE II (EACH)	ITEM 625: CABLE SPLICING KIT (EACH)	ITEM 625: LIGHT POLE, CONVENTIONAL, AT20B41.7 (EACH)	ITEM 625: LIGHT POLE, CONVENTIONAL, AT25B41.7 (EACH)	ITEM 625: LIGHT POLE, CONVENTIONAL, AT15B51.7 (EACH)	ITEM 625: LIGHT POLE, CONVENTIONAL, AT20B51.7 (EACH)	ITEM 625: LIGHT POLE, CONVENTIONAL, AT25B51.7 (EACH)	ITEM 625: LIGHT POLE, CONVENTIONAL, A15B38.2 (EACH)	ITEM 625: LIGHT POLE, CONVENTIONAL, A15B48.2 (EACH)	ITEM 625: LIGHT POLE ANCHOR L-BOLTS (EACH)	ITEM 625: LIGHT POLE ANCHOR BOLTS ON STRUCTURE (EACH)	ITEM 625: LIGHT POLE FOUNDATION, 24" X 8' DEEP (EACH)	ITEM 625: LIGHT POLE FOUNDATION, 24" X 10' DEEP (EACH)	ITEM 625: LIGHT POLE FOUNDATION, AS PER PLAN (EACH)	ITEM 625: NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE (FT)	ITEM 625: NO. 10 AWG POLE AND BRACKET CABLE (FT)	ITEM 625: 1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES (FT)	ITEM 625: CONDUIT, 2", 725.04 (FT)	ITEM 625: CONDUIT, 3", 725.04 (FT)	ITEM 625: CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3" (FT)
1	1760	RT	SR-122	35+27	1																					
2	1760	LT	SR-122	35+29	1	1																				
3	1760	LT	SR-122	36+50	1																					
4	1760	RT	SR-122	36+65	1																					
5	1761	RT	I-75	193+01			2		1									1				124				
6	1761	RT	I-75/RAMP E	193+01 TO 199+97																			726			
7	1762	RT	I-75	200+93				3																		
8	1762	RT/RT	I-75/RAMP E	200+93 TO 200+91																	153				51	
9	1762	RT	I-75	200+93 TO 201+25																			42			
10	1762	RT	I-75	201+25			2			1								1				134				
11	1762		I-75	208+96																						
12	1762	LT	I-75	208+97 TO 209+55																				85		
13	1762	RT	I-75	208+98 TO 209+55																				82		
14	1762	LT	RAMP A	201+70			2		1									1				124				
15	1762	LT	RAMP A	201+70 TO 204+56																			296			
16	1762	LT	RAMP A	204+56			2		1									1				124				
17	1762	LT	RAMP A	204+56 TO 207+42																			301			
18	1762	LT	RAMP A	207+42			2					1							1			144				
19	1762	LT	RAMP A	207+42 TO 209+12																			182			
20	1762	LT	RAMP A	209+12				3																		
21	1762	LT	RAMP A	209+12 TO 209+62																	0			75		
22	1762	RT	RAMP E	199+97			2		1									1				124				
23	1762	RT	RAMP E	199+97 TO 200+91																			106			
24	1762	RT	RAMP E	200+91				3																		
25	1762	RT	RAMP E	200+91 TO 201+65																			84			
26	1762	RT	RAMP E	201+65			2		1									1				124				
27	1762	LT/RT	I-75	200+93 LT TO 200+93 RT																	618				206	
28	1763	LT	I-75	200+93				3																		
29	1763	LT	I-75	200+93 TO 201+70																			87			
30	1763		I-75	208+96 TO 211+02																				216		
31	1763	LT/RT	I-75	209+33.68 TO 210+65.43																						
32	1763	LT	I-75	209+55																						
33	1763	LT	I-75	209+55 TO 210+43																				98		
34	1763	RT	I-75	209+55																						
35	1763	RT	I-75	209+55 TO 210+43																				98		
36	1763	LT	I-75	210+43																						
37	1763	LT	I-75	210+43 TO 211+01																				83		
38	1763	RT	I-75	210+43																						
39	1763	RT	I-75	210+43 TO 211+05																				86		
40	1763		I-75	211+02																						
TOTALS CARRIED TO GENERAL SUMMARY					4	1	14	12	5	1	0	1	0	0	0	0	0	6	1	0	771	898	1824	823	257	0

1738/2346

WAR-75-3.40

LIGHTING SUBSUMMARY

CALCULATED MTY

CHECKED TEB

LIGHTING SUBSUMMARY

CALCULATED MTY
CHECKED TEB

ITEM 625

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION (EACH)	TRENCH, 24" DEEP (FT)	TRANSITION JUNCTION BOX (EACH)	STRUCTURE JUNCTION BOX (EACH)	BARRIER JUNCTION BOX, AS PER PLAN (EACH)	PULL BOX, 725.08, 18" (EACH)	PULL BOX, 725.08, 24" (EACH)	GROUND ROD (EACH)	STRUCTURE GROUNDING SYSTEM, AS PER PLAN (EACH)	POWER SERVICE, AS PER PLAN (EACH)
1	1760	RT	SR-122	35+27												
2	1760	LT	SR-122	35+29												
3	1760	LT	SR-122	36+50												
4	1760	RT	SR-122	36+65												
5	1761	RT	I-75	193+01	1									1		
6	1761	RT	I-75/RAMP E	193+01 TO 199+97				716								
7	1762	RT	I-75	200+93								1				
8	1762	RT/RT	I-75/RAMP E	200+93 TO 200+91				41								
9	1762	RT	I-75	200+93 TO 201+25				32								
10	1762	RT	I-75	201+25	1									1		
11	1762		I-75	208+96					1							
12	1762	LT	I-75	208+97 TO 209+55				43								
13	1762	RT	I-75	208+98 TO 209+55				41								
14	1762	LT	RAMP A	201+70	1									1		
15	1762	LT	RAMP A	201+70 TO 204+56				286								
16	1762	LT	RAMP A	204+56	1									1		
17	1762	LT	RAMP A	204+56 TO 207+42				291								
18	1762	LT	RAMP A	207+42		1								1		
19	1762	LT	RAMP A	207+42 TO 209+12				172								
20	1762	LT	RAMP A	209+12								1				
21	1762	LT	RAMP A	209+12 TO 209+62				38								
22	1762	RT	RAMP E	199+97	1									1		
23	1762	RT	RAMP E	199+97 TO 200+91				96								
24	1762	RT	RAMP E	200+91								1				
25	1762	RT	RAMP E	200+91 TO 201+65				74								
26	1762	RT	RAMP E	201+65	1									1		
27	1762	LT/RT	I-75	200+93 LT TO 200+93 RT				196								
28	1763	LT	I-75	200+93								1				
29	1763	LT	I-75	200+93 TO 201+70				77								
30	1763		I-75	208+96 TO 211+02												
31	1763	LT/RT	I-75	209+33.68 TO 210+65.43											2	
32	1763	LT	I-75	209+55						1						
33	1763	LT	I-75	209+55 TO 210+43												
34	1763	RT	I-75	209+55						1						
35	1763	RT	I-75	209+55 TO 210+43												
36	1763	LT	I-75	210+43						1						
37	1763	LT	I-75	210+43 TO 211+01				42								
38	1763	RT	I-75	210+43						1						
39	1763	RT	I-75	210+43 TO 211+05				43								
40	1763		I-75	211+02					1							
TOTALS CARRIED TO GENERAL SUMMARY					6	1	0	2188	2	4	0	4	0	7	2	0

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LIGHTING SUBSUMMARY

CALCULATED: MTY | CHECKED: TEB

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	ITEM 202 LUMINAIRE REMOVED, AS PER PLAN (EACH)	ITEM 202 DISCONNECT EXISTING CIRCUIT, AS PER PLAN (EACH)	ITEM 625 CONNECTOR KIT, TYPE II (EACH)	ITEM 625 CABLE SPLICING KIT (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, AT20B41.7 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, AT25B41.7 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, AT15B51.7 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, AT20B51.7 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, AT25B51.7 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, A15B38.2 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, A15B48.2 (EACH)	ITEM 625 LIGHT POLE ANCHOR L-BOLTS (EACH)	ITEM 625 LIGHT POLE ANCHOR BOLTS ON STRUCTURE (EACH)	ITEM 625 LIGHT POLE FOUNDATION, 24" X 8' DEEP (EACH)	ITEM 625 LIGHT POLE FOUNDATION, 24" X 10' DEEP (EACH)	ITEM 625 LIGHT POLE FOUNDATION, AS PER PLAN (EACH)	ITEM 625 NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE (FT)	ITEM 625 NO. 10 AWG POLE AND BRACKET CABLE (FT)	ITEM 625 1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES (FT)	ITEM 625 CONDUIT, 2", 725.04 (FT)	ITEM 625 CONDUIT, 3", 725.04 (FT)	ITEM 625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3" (FT)
41	1763		I-75	216+43																						
42	1763	LT	I-75	216+45 TO 217+08																				89		
43	1763		I-75	216+43 TO 218+85																				252		
44	1763	RT	I-75	216+43 TO 217+08																				91		
45	1763	LT/RT	I-75	216+84.76 TO 218+45.26																						
46	1763	LT	I-75	217+08																						
47	1763	LT	I-75	217+08 TO 218+23																				125		
48	1763	RT	I-75	217+08																						
49	1763	RT	I-75	217+08 TO 218+23																				125		
50	1763	LT	I-75	218+23																						
51	1763	RT	I-75	218+23																						
52	1763	RT	SR-122	34+23																						
53	1763	RT	SR-122	34+23 TO 34+23																			40			
54	1763	RT	SR-122	34+23 TO 35+13																			286			
55	1763	LT	SR-122	34+98			2						1						1			154				
56	1763	LT	SR-122	34+98 TO 35+13																			28			
57	1763	LT	SR-122	35+13				3																		
58	1763	LT/RT	SR-122	35+13 TO 35+13																	875				175	
59	1763	RT	SR-122	35+13				3																		
60	1763	RT/LT	SR-122/RAMP A	35+13 TO 216+76																			140			
61	1763	RT/RT	SR-122/RAMP A	37+23 TO 216+76																			82			
62	1763	RT	SR-122	37+23			2					1							1			144				
63	1763	RT	SR-122	43+01				3																		
64	1763	RT/RT	SR-122/RAMP C	43+01 TO 217+40																	522				174	
65	1763	RT	SR-122	43+01 TO 43+55																					64	
66	1763	RT/RT	SR-122/RAMP D	43+01 TO 203+34																	201				67	
67	1763	RT	SR-122	43+55			2		1									1				124				
68	1763	RT/LT	SR-122/RAMP E	43+55 TO 218+57																			379			
69	1763	LT	RAMP A	209+62			2																			
70	1763	LT	RAMP A	209+62 TO 210+47																	0			95		
71	1763	LT/RT	RAMP A	210+26.54																						
72	1763	LT	RAMP A	210+47			2																			
73	1763	LT	RAMP A	210+47 TO 210+94																	0			67		
74	1763	LT	RAMP A	210+94				3																		
75	1763	LT	RAMP A	210+94 TO 216+76																			596			
76	1763	LT	RAMP A	216+76				3																		
77	1763	LT/RT	RAMP A	216+76 TO 216+76																	216				72	
78	1763	RT	RAMP A	216+76				3																		
79	1763	RT	RAMP D	200+73			2		1									1				124				
80	1763	RT	RAMP D	200+73 TO 202+48																			185			
TOTALS CARRIED TO GENERAL SUMMARY					0	0	12	18	2	0	0	1	1	0	0	0	0	2	2	0	1814	546	1736	844	552	0

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LIGHTING SUBSUMMARY

WAR-75-3.40

1741 / 2346

CALCULATED: MTY | CHECKED: TEB

ITEM 625

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION (EACH)	TRENCH, 24" DEEP (FT)	TRANSITION JUNCTION BOX (EACH)	STRUCTURE JUNCTION BOX (EACH)	BARRIER JUNCTION BOX, AS PER PLAN (EACH)	PULL BOX, 725.08, 18" (EACH)	PULL BOX, 725.08, 24" (EACH)	GROUND ROD (EACH)	STRUCTURE GROUNDING SYSTEM, AS PER PLAN (EACH)	POWER SERVICE, AS PER PLAN (EACH)
41	1763		I-75	216+43					1							
42	1763	LT	I-75	216+45 TO 217+08				45								
43	1763		I-75	216+43 TO 218+85												
44	1763	RT	I-75	216+43 TO 217+08				46								
45	1763	LT/RT	I-75	216+84.76 TO 218+45.26											2	
46	1763	LT	I-75	217+08						1						
47	1763	LT	I-75	217+08 TO 218+23												
48	1763	RT	I-75	217+08						1						
49	1763	RT	I-75	217+08 TO 218+23												
50	1763	LT	I-75	218+23						1						
51	1763	RT	I-75	218+23						1						
52	1763	RT	SR-122	34+23												1
53	1763	RT	SR-122	34+23 TO 34+23				5								
54	1763	RT	SR-122	34+23 TO 35+13				133								
55	1763	LT	SR-122	34+98		1								1		
56	1763	LT	SR-122	34+98 TO 35+13				18								
57	1763	LT	SR-122	35+13								1				
58	1763	LT/RT	SR-122	35+13 TO 35+13				165								
59	1763	RT	SR-122	35+13								1				
60	1763	RT/LT	SR-122/RAMP A	35+13 TO 216+76				130								
61	1763	RT/RT	SR-122/RAMP A	37+23 TO 216+76				72								
62	1763	RT	SR-122	37+23		1								1		
63	1763	RT	SR-122	43+01									1			
64	1763	RT/RT	SR-122/RAMP C	43+01 TO 217+40				164								
65	1763	RT	SR-122	43+01 TO 43+55				54								
66	1763	RT/RT	SR-122/RAMP D	43+01 TO 203+34				57								
67	1763	RT	SR-122	43+55	1									1		
68	1763	RT/LT	SR-122/RAMP E	43+55 TO 218+57				369								
69	1763	LT	RAMP A	209+62						1						
70	1763	LT	RAMP A	209+62 TO 210+47												
71	1763	LT/RT	RAMP A	210+26.54											1	
72	1763	LT	RAMP A	210+47						1						
73	1763	LT	RAMP A	210+47 TO 210+94				0								
74	1763	LT	RAMP A	210+94								1				
75	1763	LT	RAMP A	210+94 TO 216+76				586								
76	1763	LT	RAMP A	216+76								1				
77	1763	LT/RT	RAMP A	216+76 TO 216+76				62								
78	1763	RT	RAMP A	216+76								1				
79	1763	RT	RAMP D	200+73	1									1		
80	1763	RT	RAMP D	200+73 TO 202+48				175								
TOTALS CARRIED TO GENERAL SUMMARY					2	2	0	2081	1	6	0	5	1	4	3	1

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REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	ITEM 202 LUMINAIRE REMOVED, AS PER PLAN (EACH)	ITEM 202 DISCONNECT EXISTING CIRCUIT, AS PER PLAN (EACH)	ITEM 625 CONNECTOR KIT, TYPE II (EACH)	ITEM 625 CABLE SPLICING KIT (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, AT20B41.7 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, AT25B41.7 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, AT15B51.7 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, AT20B51.7 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, AT25B51.7 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, A15B38.2 (EACH)	ITEM 625 LIGHT POLE, CONVENTIONAL, A15B48.2 (EACH)	ITEM 625 LIGHT POLE ANCHOR L-BOLTS (EACH)	ITEM 625 LIGHT POLE ANCHOR BOLTS ON STRUCTURE (EACH)	ITEM 625 LIGHT POLE FOUNDATION, 24" X 8' DEEP (EACH)	ITEM 625 LIGHT POLE FOUNDATION, 24" X 10' DEEP (EACH)	ITEM 625 LIGHT POLE FOUNDATION, AS PER PLAN (EACH)	ITEM 625 NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE (FT)	ITEM 625 NO. 10 AWG POLE AND BRACKET CABLE (FT)	ITEM 625 1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES (FT)	ITEM 625 CONDUIT, 2", 725.04 (FT)	ITEM 625 CONDUIT, 3", 725.04 (FT)	ITEM 625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3" (FT)
81	1763	RT	RAMP D	202+48			2		1									1				124				
82	1763	RT	RAMP D	202+48 TO 203+34																			96			
83	1763	RT	RAMP D	203+34				3																		
84	1763	RT	RAMP D	203+34 TO 204+00																			79			
85	1763	RT	RAMP D	204+00			2		1									1				124				
86	1763	LT	RAMP E	218+57				3																		
87	1763	LT/RT	RAMP E	218+57 TO 219+05																	411				137	
88	1763	RT	RAMP E	219+05				3																		
89	1763	RT	RAMP E	219+05 TO 219+37																	171			57		
90	1763	RT	RAMP E	219+37			2																			
91	1763	RT/RT	RAMP E/SR-122	219+37 TO 48+00																	591			197		
92	1764	LT	I-75	218+23 TO 218+86																				88		
93	1764	RT	I-75	218+23 TO 218+89																				91		
94	1764		I-75	218+85																						
95	1764	LT/LT	RAMP B/SR-122	220+87 TO 35+13																			308			
96	1764	LT	RAMP B	220+87				3																		
97	1764	LT	RAMP B	220+87 TO 221+51																	273			91		
98	1764	LT	RAMP B	221+51			2																			
99	1764	LT	RAMP B	221+51 TO 223+58																	675			225		
100	1764	LT	RAMP B	223+58			2																			
101	1764	LT	RAMP B	223+58 TO 226+93																	1050			350		
102	1764	LT	RAMP B	226+93			2																			
103	1764	LT	RAMP B	226+93 TO 230+47																	1098			366		
104	1764	RT/LT	RAMP C/SR-122	217+40 TO 46+00																			312			
105	1764	RT	RAMP C	217+40				3																		
106	1764	RT	RAMP C	217+40 TO 223+00																			572			
107	1764	RT	RAMP C	223+00				3																		
108	1764	RT	RAMP C	223+00 TO 230+94																			804			
109	1765	LT	SR-122	46+00			2					1							1			144				
110	1765	RT	SR-122	48+00			2								1		4					127				
111	1765	RT	SR-122	48+00 TO 49+69																				179		
112	1765	RT	SR-122	49+69																						
113	1765	RT	SR-122	49+69 TO 50+86																				132		
114	1765	RT	SR-122	50+86																						
115	1765	RT	SR-122	50+86 TO 51+80																				118		
116	1765	LT/RT	SR-122	51+31.50 TO 52+16.50																						
117	1765	LT	SR-122	52+03 TO 52+75																				103		
118	1765	LT	SR-122	52+75																						
119	1765	LT	SR-122	52+75 TO 53+72																				130		
120	1766	LT	I-75	231+02				3																		
TOTALS CARRIED TO GENERAL SUMMARY					0	0	16	21	2	0	0	1	0	0	1	0	4	2	1	0	4269	519	2171	2127	137	0

WAR-75-3.40

LIGHTING SUBSUMMARY

CALCULATED MTY
CHECKED TEB

LIGHTING SUBSUMMARY

WAR-75-3.40

1743 / 2346

CALCULATED MTY — CHECKED TEB

ITEM 625

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION (EACH)	TRENCH, 24" DEEP (FT)	TRANSITION JUNCTION BOX (EACH)	STRUCTURE JUNCTION BOX (EACH)	BARRIER JUNCTION BOX, AS PER PLAN (EACH)	PULL BOX, 725.08, 18" (EACH)	PULL BOX, 725.08, 24" (EACH)	GROUND ROD (EACH)	STRUCTURE GROUNDING SYSTEM, AS PER PLAN (EACH)	POWER SERVICE, AS PER PLAN (EACH)
81	1763	RT	RAMP D	202+48	1									1		
82	1763	RT	RAMP D	202+48 TO 203+34				86								
83	1763	RT	RAMP D	203+34								1				
84	1763	RT	RAMP D	203+34 TO 204+00				69								
85	1763	RT	RAMP D	204+00	1									1		
86	1763	LT	RAMP E	218+57								1				
87	1763	LT/RT	RAMP E	218+57 TO 219+05				127								
88	1763	RT	RAMP E	219+05								1				
89	1763	RT	RAMP E	219+05 TO 219+37				29								
90	1763	RT	RAMP E	219+37						1						
91	1763	RT/RT	RAMP E/SR-122	219+37 TO 48+00												
92	1764	LT	I-75	218+23 TO 218+86				44								
93	1764	RT	I-75	218+23 TO 218+89				46								
94	1764		I-75	218+85					1							
95	1764	LT/LT	RAMP B/SR-122	220+87 TO 35+13				298								
96	1764	LT	RAMP B	220+87								1				
97	1764	LT	RAMP B	220+87 TO 221+51				46								
98	1764	LT	RAMP B	221+51							1			1		
99	1764	LT	RAMP B	221+51 TO 223+58												
100	1764	LT	RAMP B	223+58							1			1		
101	1764	LT	RAMP B	223+58 TO 226+93												
102	1764	LT	RAMP B	226+93							1			1		
103	1764	LT	RAMP B	226+93 TO 230+47												
104	1764	RT/LT	RAMP C/SR-122	217+40 TO 46+00				302								
105	1764	RT	RAMP C	217+40								1				
106	1764	RT	RAMP C	217+40 TO 223+00				562								
107	1764	RT	RAMP C	223+00								1				
108	1764	RT	RAMP C	223+00 TO 230+94				794								
109	1765	LT	SR-122	46+00		1								1		
110	1765	RT	SR-122	48+00		1								1		
111	1765	RT	SR-122	48+00 TO 49+69												
112	1765	RT	SR-122	49+69						1						
113	1765	RT	SR-122	49+69 TO 50+86												
114	1765	RT	SR-122	50+86						1						
115	1765	RT	SR-122	50+86 TO 51+80				59								
116	1765	LT/RT	SR-122	51+31.50 TO 52+16.50											1	
117	1765	LT	SR-122	52+03 TO 52+75				52								
118	1765	LT	SR-122	52+75						1						
119	1765	LT	SR-122	52+75 TO 53+72				65								
120	1766	LT	I-75	231+02								1				
TOTALS CARRIED TO GENERAL SUMMARY					2	2	0	2579	1	4	3	7	0	7	1	0

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LIGHTING SUBSUMMARY

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	ITEM 202 LUMINAIRE REMOVED, AS PER PLAN	ITEM 202 DISCONNECT EXISTING CIRCUIT, AS PER PLAN	ITEM 625 CONNECTOR KIT, TYPE II	CABLE SPLICING KIT	LIGHT POLE, CONVENTIONAL, AT20B41.7	LIGHT POLE, CONVENTIONAL, AT25B41.7	LIGHT POLE, CONVENTIONAL, AT15B51.7	LIGHT POLE, CONVENTIONAL, AT20B51.7	LIGHT POLE, CONVENTIONAL, AT25B51.7	LIGHT POLE, CONVENTIONAL, A15B38.2	LIGHT POLE, CONVENTIONAL, A15B48.2	LIGHT POLE ANCHOR L-BOLTS	LIGHT POLE ANCHOR BOLTS ON STRUCTURE	LIGHT POLE FOUNDATION, 24" X 8' DEEP	LIGHT POLE FOUNDATION, 24" X 10' DEEP	LIGHT POLE FOUNDATION, AS PER PLAN	NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE	NO. 10 AWG POLE AND BRACKET CABLE	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES	CONDUIT, 2", 725.04	CONDUIT, 3", 725.04	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3"
					EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	FT	FT	FT
121	1766	LT/LT	I-75/RAMP B	231+02 TO 231+04																	177				59	
122	1766	LT	I-75	231+02 TO 231+20																			28			
123	1766	LT	I-75	231+20			2			1								1				134				
124	1766	RT	I-75	235+57				3																		
125	1766	RT/LT	I-75/RAMP B	235+57 TO 235+55																	519				173	
126	1766	RT	I-75	235+57 TO 236+20																			75			
127	1766	RT	I-75	236+20			2					1							1			144				
128	1766	LT	RAMP B	230+47			2							1		4				1		107				
129	1766	LT	RAMP B	230+47 TO 231+04																	201			67		
130	1766	LT	RAMP B	231+04			2																			
131	1766	LT	RAMP B	231+04 TO 232+27																	402			134		
132	1766	LT	RAMP B	232+27			2							1		4				1		107				
133	1766	LT	RAMP B	232+27 TO 235+55																	1014			338		
134	1766	LT	RAMP B	235+55			2																			
135	1766	LT	RAMP B	235+55 TO 239+79																	1302			434		
136	1766	RT	RAMP C	230+94			2					1							1			144				
137	1766	RT/RT	RAMP C/I-75	230+94 TO 235+57																			489			
138	1767	LT	RAMP B	239+79			2							1		4				1		107				
139	1767	RT/RT	RAMP D/I-75	241+57 TO 236+20																			644			
140	1767	RT	RAMP D	241+57			2					1							1			144				
141	1767	RT/RT	RAMP D/I-75	241+57 TO 246+91																			551			
142	1768	RT	I-75	246+91			2					1							1			144				
143	1768	RT	I-75	246+91 TO 252+29																			560			
144	1768	RT	I-75	252+29			2					1							1			144				
145	1769	LT	I-75	398+85			2					1							1			144				
146	1769	LT	I-75	398+85 TO 406+71																			807			
147	1769	RT	I-75	406+02			2		1									1				124				
148	1769	LT	I-75	406+71			2					1							1			144				
149	1769	LT/LT	I-75/RAMP J	406+71 TO 3+12																			566			
150	1770	RT	I-75	406+02 TO 412+33																			641			
151	1770	RT	I-75	412+33				3																		
152	1770	RT/RT	I-75/RAMP M	412+33 TO 4+14																			453			
153	1770	RT	I-75	417+90			2			1								1				134				
154	1770	RT	I-75	417+90 TO 418+15																			35			
155	1770	RT	I-75	418+15				3																		
156	1770	RT/RT	I-75/RAMP M	418+15 TO 5+72																	186				62	
157	1770	LT	RAMP J	3+12			2					1							1			144				
158	1770	LT	RAMP J	3+12 TO 7+03																			401			
159	1770	LT	RAMP J	7+03				3																		
160	1770	LT	RAMP J	7+03 TO 14+13																			720			
TOTALS CARRIED TO GENERAL SUMMARY					0	0	32	12	1	2	0	8	0	3	0	12	0	3	8	3	3801	1865	5970	973	294	0

CALCULATED MTY
CHECKED TEB

WAR-75-3.40

1744
2346

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CALCULATED MTY
CHECKED TEB

ITEM 625

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION	TRENCH, 24" DEEP	TRANSITION JUNCTION BOX	STRUCTURE JUNCTION BOX	BARRIER JUNCTION BOX, AS PER PLAN	PULL BOX, 725.08, 18"	PULL BOX, 725.08, 24"	GROUND ROD	STRUCTURE GROUNDING SYSTEM, AS PER PLAN	POWER SERVICE, AS PER PLAN
					EACH	EACH	EACH	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
121	1766	LT/LT	I-75/RAMP B	231+02 TO 231+04				49								
122	1766	LT	I-75	231+02 TO 231+20				18								
123	1766	LT	I-75	231+20	1									1		
124	1766	RT	I-75	235+57								1				
125	1766	RT/LT	I-75/RAMP B	235+57 TO 235+55				163								
126	1766	RT	I-75	235+57 TO 236+20				65								
127	1766	RT	I-75	236+20			1							1		
128	1766	LT	RAMP B	230+47	1						1			1		
129	1766	LT	RAMP B	230+47 TO 231+04												
130	1766	LT	RAMP B	231+04							1			1		
131	1766	LT	RAMP B	231+04 TO 232+27												
132	1766	LT	RAMP B	232+27	1						1			1		
133	1766	LT	RAMP B	232+27 TO 235+55												
134	1766	LT	RAMP B	235+55							1					
135	1766	LT	RAMP B	235+55 TO 239+79												
136	1766	RT	RAMP C	230+94			1							1		
137	1766	RT/RT	RAMP C/I-75	230+94 TO 235+57				479								
138	1767	LT	RAMP B	239+79	1									1		
139	1767	RT/RT	RAMP D/I-75	241+57 TO 236+20				634								
140	1767	RT	RAMP D	241+57			1							1		
141	1767	RT/RT	RAMP D/I-75	241+57 TO 246+91				541								
142	1768	RT	I-75	246+91			1							1		
143	1768	RT	I-75	246+91 TO 252+29				550								
144	1768	RT	I-75	252+29			1							1		
145	1769	LT	I-75	398+85			1							1		
146	1769	LT	I-75	398+85 TO 406+71				797								
147	1769	RT	I-75	406+02	1									1		
148	1769	LT	I-75	406+71			1							1		
149	1769	LT/LT	I-75/RAMP J	406+71 TO 3+12				556								
150	1770	RT	I-75	406+02 TO 412+33				631								
151	1770	RT	I-75	412+33								1				
152	1770	RT/RT	I-75/RAMP M	412+33 TO 4+14				443								
153	1770	RT	I-75	417+90	1									1		
154	1770	RT	I-75	417+90 TO 418+15				25								
155	1770	RT	I-75	418+15								1				
156	1770	RT/RT	I-75/RAMP M	418+15 TO 5+72				52								
157	1770	LT	RAMP J	3+12		1								1		
158	1770	LT	RAMP J	3+12 TO 7+03				391								
159	1770	LT	RAMP J	7+03								1				
160	1770	LT	RAMP J	7+03 TO 14+13				710								
TOTALS CARRIED TO GENERAL SUMMARY					6	1	7	6104	0	0	4	4	0	15	0	0

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REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION			ITEM 202
161	1770	LT	RAMP J	14+13			
162	1770	LT	RAMP J	14+13 TO 21+15	EACH	LUMINAIRE REMOVED, AS PER PLAN	0
163	1770	RT	RAMP M	4+14	EACH	DISCONNECT EXISTING CIRCUIT, AS PER PLAN	0
164	1770	RT	RAMP M	4+14 TO 5+72	EACH	CONNECTOR KIT, TYPE II	10
165	1770	RT	RAMP M	5+72	EACH	CABLE SPLICING KIT	21
					EACH	LIGHT POLE, CONVENTIONAL, AT20B41.7	2
166	1770	RT	RAMP M	5+72 TO 5+91			
167	1770	RT	RAMP M	5+91	EACH	LIGHT POLE, CONVENTIONAL, AT25B41.7	0
168	1770	RT	RAMP M	5+91 TO 12+42	EACH	LIGHT POLE, CONVENTIONAL, AT15B51.7	0
169	1770	RT	RAMP M	12+42	EACH	LIGHT POLE, CONVENTIONAL, AT20B51.7	3
170	1770	RT	RAMP M	12+42 TO 20+26	EACH	LIGHT POLE, CONVENTIONAL, AT25B51.7	0
					EACH	LIGHT POLE, CONVENTIONAL, A15B38.2	0
171	1771	RT	I-75	432+50 TO 433+08			
172	1771		I-75	432+63	EACH	LIGHT POLE, CONVENTIONAL, A15B48.2	0
173	1771		I-75	432+63 TO 435+23	EACH	LIGHT POLE ANCHOR L-BOLTS	0
174	1771	LT	I-75	432+77 TO 433+40	EACH	LIGHT POLE ANCHOR BOLTS ON STRUCTURE	0
175	1771	RT	I-75	433+08	EACH	LIGHT POLE FOUNDATION, 24" X 8' DEEP	2
					EACH	LIGHT POLE FOUNDATION, 24" X 10' DEEP	3
176	1771	RT	I-75	433+08 TO 434+46			
177	1771	LT	I-75	433+40	EACH	LIGHT POLE FOUNDATION, AS PER PLAN	0
178	1771	LT	I-75	433+40 TO 434+79	FT	NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE	564
179	1771	LT/RT	I-75	433+94.03	FT	NO. 10 AWG POLE AND BRACKET CABLE	680
180	1771	RT	I-75	434+46	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES	3200
					FT	CONDUIT, 2", 725.04	911
181	1771	RT	I-75	434+46 TO 435+09			
182	1771	LT	I-75	434+79	FT	CONDUIT, 3", 725.04	188
183	1771	LT	I-75	434+79 TO 435+38	FT	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3"	0
184	1771		I-75	435+23			
185	1771	LT	SR-123	10+50			
186	1771	LT	SR-123	10+50 TO 10+50			
187	1771	LT/RT	SR-123/RAMP M	10+50 TO 20+26			
188	1771	LT	SR-123	11+98			
189	1771	LT/RT	SR-123/RAMP M	11+98 TO 20+26			
190	1771	RT	SR-123	12+85			
191	1771	RT	SR-123	12+85 TO 13+55			
192	1771	RT	SR-123	13+55			
193	1771	RT	SR-123	13+55 TO 13+63			
194	1771	RT	SR-123	13+63			
195	1771	LT	SR-123	16+67			
196	1771	LT	SR-123	16+67 TO 16+96			
197	1771	LT/LT	SR-123/RAMP M	16+96 TO 20+26			
198	1771	LT	SR-123	16+96			
199	1771	LT	SR-123	16+96 TO 17+73			
200	1771	LT	SR-123	17+73			
TOTALS CARRIED TO GENERAL SUMMARY							ITEM 625

1746 2346	WAR-75-3.40	LIGHTING SUBSUMMARY	CALCULATED MTY / CHECKED TEB

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	ITEM 625 LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION (EACH)	TRENCH, 24" DEEP (FT)	TRANSITION JUNCTION BOX (EACH)	STRUCTURE JUNCTION BOX (EACH)	BARRIER JUNCTION BOX, AS PER PLAN (EACH)	PULL BOX, 725.08, 18" (EACH)	PULL BOX, 725.08, 24" (EACH)	GROUND ROD (EACH)	STRUCTURE GROUNDING SYSTEM, AS PER PLAN (EACH)	POWER SERVICE, AS PER PLAN (EACH)
161	1770	LT	RAMP J	14+13								1				
162	1770	LT	RAMP J	14+13 TO 21+15				702								
163	1770	RT	RAMP M	4+14	1									1		
164	1770	RT	RAMP M	4+14 TO 5+72				158								
165	1770	RT	RAMP M	5+72								1				
166	1770	RT	RAMP M	5+72 TO 5+91				19								
167	1770	RT	RAMP M	5+91	1									1		
168	1770	RT	RAMP M	5+91 TO 12+42				651								
169	1770	RT	RAMP M	12+42								1				
170	1770	RT	RAMP M	12+42 TO 20+26				792								
171	1771	RT	I-75	432+50 TO 433+08				41								
172	1771		I-75	432+63					1							
173	1771		I-75	432+63 TO 435+23												
174	1771	LT	I-75	432+77 TO 433+40				45								
175	1771	RT	I-75	433+08						1						
176	1771	RT	I-75	433+08 TO 434+46												
177	1771	LT	I-75	433+40						1						
178	1771	LT	I-75	433+40 TO 434+79												
179	1771	LT/RT	I-75	433+94.03											2	
180	1771	RT	I-75	434+46						1						
181	1771	RT	I-75	434+46 TO 435+09				43								
182	1771	LT	I-75	434+79						1						
183	1771	LT	I-75	434+79 TO 435+38				44								
184	1771		I-75	435+23					1							
185	1771	LT	SR-123	10+50												1
186	1771	LT	SR-123	10+50 TO 10+50				5								
187	1771	LT/RT	SR-123/RAMP M	10+50 TO 20+26				196								
188	1771	LT	SR-123	11+98		1								1		
189	1771	LT/RT	SR-123/RAMP M	11+98 TO 20+26				53								
190	1771	RT	SR-123	12+85								1				
191	1771	RT	SR-123	12+85 TO 13+55				77								
192	1771	RT	SR-123	13+55								1				
193	1771	RT	SR-123	13+55 TO 13+63				18								
194	1771	RT	SR-123	13+63		1								1		
195	1771	LT	SR-123	16+67			1							1		
196	1771	LT	SR-123	16+67 TO 16+96				29								
197	1771	LT/LT	SR-123/RAMP M	16+96 TO 20+26				462								
198	1771	LT	SR-123	16+96								1				
199	1771	LT	SR-123	16+96 TO 17+73				91								
200	1771	LT	SR-123	17+73								1				
TOTALS CARRIED TO GENERAL SUMMARY					2	2	1	3426	2	4	0	7	0	5	2	1

LIGHTING SUBSUMMARY

WAR-75-3.40

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	ITEM 202: LUMINAIRE REMOVED, AS PER PLAN	ITEM 202: DISCONNECT EXISTING CIRCUIT, AS PER PLAN	ITEM 625: CONNECTOR KIT, TYPE II	ITEM 625: CABLE SPLICING KIT	ITEM 625: LIGHT POLE, CONVENTIONAL, AT20B41.7	ITEM 625: LIGHT POLE, CONVENTIONAL, AT25B41.7	ITEM 625: LIGHT POLE, CONVENTIONAL, AT15B51.7	ITEM 625: LIGHT POLE, CONVENTIONAL, AT20B51.7	ITEM 625: LIGHT POLE, CONVENTIONAL, AT25B51.7	ITEM 625: LIGHT POLE, CONVENTIONAL, A15B38.2	ITEM 625: LIGHT POLE, CONVENTIONAL, A15B48.2	ITEM 625: LIGHT POLE ANCHOR L-BOLTS	ITEM 625: LIGHT POLE ANCHOR BOLTS ON STRUCTURE	ITEM 625: LIGHT POLE FOUNDATION, 24" X 8' DEEP	ITEM 625: LIGHT POLE FOUNDATION, 24" X 10' DEEP	ITEM 625: LIGHT POLE FOUNDATION, AS PER PLAN	ITEM 625: NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE	ITEM 625: NO. 10 AWG POLE AND BRACKET CABLE	ITEM 625: 1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES	ITEM 625: CONDUIT, 2", 725.04	ITEM 625: CONDUIT, 3", 725.04	ITEM 625: CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3"
					EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	FT	FT	FT
201	1771	LT/RT	SR-123	17+73 TO 18+38																	669				223	
202	1771	RT	SR-123	18+38				3																		
203	1771	RT	SR-123	18+38 TO 18+72																			61			
204	1771	RT/LT	SR-123/RAMP K	18+38 TO 9+30																			893			
205	1771	RT	SR-123	18+72			2					1							1			144				
206	1771	LT	RAMP J	21+15				3																		
207	1771	LT/LT	RAMP J/SR-123	21+15 TO 17+73																			396			
208	1771	LT	RAMP M	20+26				3																		
209	1771	LT/RT	RAMP M	20+26 TO 20+26																	213				71	
210	1771	LT	RAMP M	20+26				3																		
211	1771	LT/RT	RAMP M/SR-123	20+26 TO 12+85																	684				228	
212	1772	LT	I-75	444+17				3																		
213	1772	LT	I-75	444+17 TO 444+33																			26			
214	1772	LT/LT	I-75/RAMP K	444+17 TO 9+69																	186				62	
215	1772	LT	I-75	444+33			2			1								1				134				
216	1772	RT	RAMP L	9+75			2					1							1			144				
217	1772	RT/RT	RAMP L/SR-123	9+75 TO 12+85																						
218	1772	RT	RAMP L	9+75 TO 15+02																			537			
219	1772	RT	RAMP L	15+02			2					1							1			144				
220	1772	RT/RT	RAMP L/I-75	15+02 TO 16+78																			552			
221	1772	LT	I-75	14+36				3																		
222	1772	LT	I-75/RAMP K	14+36 TO 11+15				3																		
223	1772	LT	RAMP K	9+30			2		1									1				124				
224	1772	LT	RAMP K	9+30 TO 9+69																			52			
225	1772	LT	RAMP K	9+69				3																		
226	1772	LT	RAMP K	9+69 TO 11+15																			156			
227	1772	LT	RAMP K	11+15			2		1									1				124				
228	1773	LT	I-75	14+36 TO 19+00																						
229	1773	RT	I-75	16+78			2					1							1			144				
230	1773	LT	I-75	19+00			2		1									1				124				
231	1773	LT	I-75	20+00 TO 20+63																				89		
232	1773		I-75	20+02																						
233	1773		I-75	20+02 TO 22+07																				215		
234	1773	RT	I-75	20+05 TO 20+62																				83		
235	1773	LT/RT	I-75	20+40.50 TO 21+71.51																						
236	1773	RT	I-75	20+62																						
237	1773	RT	I-75	20+62 TO 21+48																				96		
238	1773	LT	I-75	20+63																						
239	1773	LT	I-75	20+63 TO 21+50																				97		
240	1773	RT	I-75	21+48																						
TOTALS CARRIED TO GENERAL SUMMARY					0	0	16	24	3	1	0	4	0	0	0	0	0	4	4	0	1752	1082	2673	580	584	0

CALCULATED MTY
CHECKED TEB

1748
2346

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LIGHTING SUBSUMMARY

WAR-75-3.40

1749 / 2346

CALCULATED MTY | CHECKED TEB

ITEM 625

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION (EACH)	TRENCH, 24" DEEP (FT)	TRANSITION JUNCTION BOX (EACH)	STRUCTURE JUNCTION BOX (EACH)	BARRIER JUNCTION BOX, AS PER PLAN (EACH)	PULL BOX, 725.08, 18" (EACH)	PULL BOX, 725.08, 24" (EACH)	GROUND ROD (EACH)	STRUCTURE GROUNDING SYSTEM, AS PER PLAN (EACH)	POWER SERVICE, AS PER PLAN (EACH)
201	1771	LT/RT	SR-123	17+73 TO 18+38				213								
202	1771	RT	SR-123	18+38								1				
203	1771	RT	SR-123	18+38 TO 18+72				51								
204	1771	RT/LT	SR-123/RAMP K	18+38 TO 9+30				883								
205	1771	RT	SR-123	18+72			1							1		
206	1771	LT	RAMP J	21+15								1				
207	1771	LT/LT	RAMP J/SR-123	21+15 TO 17+73				386								
208	1771	LT	RAMP M	20+26								1				
209	1771	LT/RT	RAMP M	20+26 TO 20+26				61								
210	1771	LT	RAMP M	20+26								1				
211	1771	LT/RT	RAMP M/SR-123	20+26 TO 12+85				218								
212	1772	LT	I-75	444+17								1				
213	1772	LT	I-75	444+17 TO 444+33				16								
214	1772	LT/LT	I-75/RAMP K	444+17 TO 9+69				52								
215	1772	LT	I-75	444+33	1									1		
216	1772	RT	RAMP L	9+75			1							1		
217	1772	RT/RT	RAMP L/SR-123	9+75 TO 12+85				945								
218	1772	RT	RAMP L	9+75 TO 15+02				527								
219	1772	RT	RAMP L	15+02			1							1		
220	1772	RT/RT	RAMP L/I-75	15+02 TO 16+78				542								
221	1772	LT	I-75	14+36								1				
222	1772	LT	I-75/RAMP K	14+36 TO 11+15								1				
223	1772	LT	RAMP K	9+30	1									1		
224	1772	LT	RAMP K	9+30 TO 9+69				42				1				
225	1772	LT	RAMP K	9+69												
226	1772	LT	RAMP K	9+69 TO 11+15				146								
227	1772	LT	RAMP K	11+15	1									1		
228	1773	LT	I-75	14+36 TO 19+00				464								
229	1773	RT	I-75	16+78			1							1		
230	1773	LT	I-75	19+00	1									1		
231	1773	LT	I-75	20+00 TO 20+63				45								
232	1773		I-75	20+02					1							
233	1773		I-75	20+02 TO 22+07												
234	1773	RT	I-75	20+05 TO 20+62				42								
235	1773	LT/RT	I-75	20+40.50 TO 21+71.51											2	
236	1773	RT	I-75	20+62						1						
237	1773	RT	I-75	20+62 TO 21+48												
238	1773	LT	I-75	20+63						1						
239	1773	LT	I-75	20+63 TO 21+50												
240	1773	RT	I-75	21+48						1						
TOTALS CARRIED TO GENERAL SUMMARY					4	0	4	4633	1	3	0	8	0	8	2	0

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LIGHTING SUBSUMMARY

WAR-75-3.40

1750/2346

CALCULATED: MTY CHECKED: TEB

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	ITEM 202 LUMINAIRE REMOVED, AS PER PLAN (EACH)	ITEM 202 DISCONNECT EXISTING CIRCUIT, AS PER PLAN (EACH)	ITEM 625 CONNECTOR KIT, TYPE II (EACH)	CABLE SPLICING KIT (EACH)	LIGHT POLE, CONVENTIONAL, AT20B41.7 (EACH)	LIGHT POLE, CONVENTIONAL, AT25B41.7 (EACH)	LIGHT POLE, CONVENTIONAL, AT15B51.7 (EACH)	LIGHT POLE, CONVENTIONAL, AT20B51.7 (EACH)	LIGHT POLE, CONVENTIONAL, AT25B51.7 (EACH)	LIGHT POLE, CONVENTIONAL, A15B38.2 (EACH)	LIGHT POLE, CONVENTIONAL, A15B48.2 (EACH)	LIGHT POLE ANCHOR L-BOLTS (EACH)	LIGHT POLE ANCHOR BOLTS ON STRUCTURE (EACH)	LIGHT POLE FOUNDATION, 24" X 8' DEEP (EACH)	LIGHT POLE FOUNDATION, 24" X 10' DEEP (EACH)	LIGHT POLE FOUNDATION, AS PER PLAN (EACH)	NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE (FT)	NO. 10 AWG POLE AND BRACKET CABLE (FT)	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES (FT)	CONDUIT, 2", 725.04 (FT)	CONDUIT, 3", 725.04 (FT)	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3" (FT)
241	1773	RT	I-75	21+48 TO 22+09																				86		
242	1773	LT	I-75	21+50																						
243	1773	LT	I-75	21+50 TO 22+08																				85		
244	1773		I-75	22+07																						
245	1774	RT	I-75	67+01			2		1									1				124				
246	1774	RT	I-75	67+01 TO 75+00																			828			
247	1774	LT	RAMP A	71+53			2					1							1			144				
248	1774	LT	RAMP A	71+53 TO 76+92																			549			
249	1774	RT	I-75	75+00				3																		
250	1774	RT/RT	I-75/RAMP D	75+00 TO 4+13																			882			
251	1774	LT	RAMP A	76+92			2					1							1			144				
252	1775	RT	I-75	84+41			2			1								1				134				
253	1775	RT	I-75	84+41 TO 85+19																			90			
254	1775	RT	I-75	85+19				3																		
255	1775	RT/RT	I-75/RAMP D	85+19 TO 6+02																	216				72	
256	1775	LT	RAMP A	82+31 TO 76+92																			549			
257	1775	LT	RAMP A	82+31			2					1							1			144				
258	1775	LT	RAMP A	82+31 TO 86+56																			440			
259	1775	LT	RAMP A	86+56				3																		
260	1775	RT	RAMP D	4+13			2		1									1				124				
261	1775	RT	RAMP D	4+13 TO 5+79																			176			
262	1775	RT	RAMP D	5+79			2		1									1				124				
263	1775	RT	RAMP D	5+79 TO 6+02																			32			
264	1775	RT	RAMP D	6+02				3																		
265	1776	LT	I-75	91+24 TO 91+95																				97		
266	1776	LT	I-75	91+95																						
267	1776	LT	I-75	91+95 TO 93+04																				119		
268	1776	LT/RT	I-75	92+01.88 TO 93+65.88																						
269	1776	LT	I-75	93+04																						
270	1776	LT	I-75	93+04 TO 93+72																				95		
271	1776	LT/RT	I-75	93+23.15 TO 94+88.35																						
272	1776	RT	I-75	93+52 TO 94+09																				84		
273	1776	RT	I-75	94+09																						
274	1776	RT	I-75	94+09 TO 95+19																				120		
275	1776	RT	I-75	95+19																						
276	1776	RT	I-75	95+19 TO 95+86																				93		
277	1776	LT	SR-73	14+74			2				1								1			134				
278	1776	LT	SR-73	14+74 TO 14+88																			27			
279	1776	LT	SR-73	14+88				3																		
280	1776	LT/LT	SR-73/RAMP B	14+88 TO 607+03																			651			
TOTALS CARRIED TO GENERAL SUMMARY					0	0	16	15	3	1	1	3	0	0	0	0	0	4	4	0	216	1072	4224	779	72	0

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LIGHTING SUBSUMMARY

WAR-75-3.40

1751 / 2346

CALCULATED MTY — CHECKED TEB

ITEM 625

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION (EACH)	TRENCH, 24" DEEP (FT)	TRANSITION JUNCTION BOX (EACH)	STRUCTURE JUNCTION BOX (EACH)	BARRIER JUNCTION BOX, AS PER PLAN (EACH)	PULL BOX, 725.08, 18" (EACH)	PULL BOX, 725.08, 24" (EACH)	GROUND ROD (EACH)	STRUCTURE GROUNDING SYSTEM, AS PER PLAN (EACH)	POWER SERVICE, AS PER PLAN (EACH)
241	1773	RT	I-75	21+48 TO 22+09				43								
242	1773	LT	I-75	21+50						1						
243	1773	LT	I-75	21+50 TO 22+08				43								
244	1773		I-75	22+07					1							
245	1774	RT	I-75	67+01	1									1		
246	1774	RT	I-75	67+01 TO 75+00				818								
247	1774	LT	RAMP A	71+53			1							1		
248	1774	LT	RAMP A	71+53 TO 76+92				539								
249	1774	RT	I-75	75+00								1				
250	1774	RT/RT	I-75/RAMP D	75+00 TO 4+13				872								
251	1774	LT	RAMP A	76+92			1	42						1		
252	1775	RT	I-75	84+41	1									1		
253	1775	RT	I-75	84+41 TO 85+19				80								
254	1775	RT	I-75	85+19								1				
255	1775	RT/RT	I-75/RAMP D	85+19 TO 6+02				62								
256	1775	LT	RAMP A	82+31 TO 76+92				539								
257	1775	LT	RAMP A	82+31			1							1		
258	1775	LT	RAMP A	82+31 TO 86+56				430								
259	1775	LT	RAMP A	86+56								1				
260	1775	RT	RAMP D	4+13	1									1		
261	1775	RT	RAMP D	4+13 TO 5+79				166								
262	1775	RT	RAMP D	5+79	1									1		
263	1775	RT	RAMP D	5+79 TO 6+02				22								
264	1775	RT	RAMP D	6+02								1				
265	1776	LT	I-75	91+24 TO 91+95				49								
266	1776	LT	I-75	91+95						1						
267	1776	LT	I-75	91+95 TO 93+04												
268	1776	LT/RT	I-75	92+01.88 TO 93+65.88											1	
269	1776	LT	I-75	93+04						1						
270	1776	LT	I-75	93+04 TO 93+72				48								
271	1776	LT/RT	I-75	93+23.15 TO 94+88.35											1	
272	1776	RT	I-75	93+52 TO 94+09				42								
273	1776	RT	I-75	94+09						1						
274	1776	RT	I-75	94+09 TO 95+19												
275	1776	RT	I-75	95+19						1						
276	1776	RT	I-75	95+19 TO 95+86				47								
277	1776	LT	SR-73	14+74		1								1		
278	1776	LT	SR-73	14+74 TO 14+88				17								
279	1776	LT	SR-73	14+88								1				
280	1776	LT/LT	SR-73/RAMP B	14+88 TO 607+03				641								
TOTALS CARRIED TO GENERAL SUMMARY					4	1	3	4500	1	5	0	5	0	8	2	0

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REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	ITEM 202		ITEM 625
281	1776	LT/RT	SR-73	14+88 TO 14+95	0	EACH	LUMINAIRE REMOVED, AS PER PLAN
282	1776	RT	SR-73	14+95	0	EACH	DISCONNECT EXISTING CIRCUIT, AS PER PLAN
283	1776	RT/LT	SR-73/RAMP A	14+95 TO 86+56	12	EACH	CONNECTOR KIT, TYPE II
284	1776	RT	SR-73	14+95 TO 16+85	36	EACH	CABLE SPLICING KIT
285	1776	RT	SR-73	16+85	4	EACH	LIGHT POLE, CONVENTIONAL, AT20B41.7
286	1776	RT	SR-73	16+85 TO 17+04	0	EACH	LIGHT POLE, CONVENTIONAL, AT25B41.7
287	1776	RT	SR-73	16+85 TO 22+40	1	EACH	LIGHT POLE, CONVENTIONAL, AT15B51.7
288	1776	RT	SR-73	17+04	1	EACH	LIGHT POLE, CONVENTIONAL, AT20B51.7
289	1776	RT	SR-73	22+40	0	EACH	LIGHT POLE, CONVENTIONAL, AT25B51.7
290	1776	RT	SR-73	22+40 TO 22+92	0	EACH	LIGHT POLE, CONVENTIONAL, A15B38.2
291	1776	LT	SR-73	22+92	0	EACH	LIGHT POLE, CONVENTIONAL, A15B48.2
292	1776	LT/RT	SR-73/RAMP C	22+92 TO 20+52	0	EACH	LIGHT POLE ANCHOR L-BOLTS
293	1776	LT	SR-73	22+92 TO 22+92	0	EACH	LIGHT POLE ANCHOR BOLTS ON STRUCTURE
294	1776	RT	SR-73	22+92	4	EACH	LIGHT POLE FOUNDATION, 24" X 8' DEEP
295	1776	RT/RT	SR-73/RAMP C	22+92 TO 1+85	2	EACH	LIGHT POLE FOUNDATION, 24" X 10' DEEP
296	1776	RT	SR-73	26+06	0	EACH	LIGHT POLE FOUNDATION, AS PER PLAN
297	1776	RT/RT	SR-73/RAMP C	26+06 TO 2+92	792	FT	NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE
298	1776	RT	SR-73	26+06 TO 26+65	774	FT	NO. 10 AWG POLE AND BRACKET CABLE
299	1776	RT	SR-73	26+65	6107	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES
300	1776	RT/LT	SR-73/RAMP D	26+65 TO 21+72	0	FT	CONDUIT, 2", 725.04
301	1776	RT	RAMP C	1+85	264	FT	CONDUIT, 3", 725.04
302	1776	RT	RAMP C	1+85 TO 2+92	342	FT	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3"
303	1776	RT	RAMP C	2+92			
304	1776	RT	RAMP C	2+92 TO 3+75			
305	1776	RT	RAMP C	3+75			
306	1776	RT	RAMP C	20+52			
307	1776	RT	RAMP C	20+52 TO 20+52			
308	1776	RT	RAMP C	20+52			
309	1776	RT	RAMP D	14+23			
310	1776	LT	RAMP D	21+72			
311	1776	RT	RAMP D	6+02 TO 14+23			
312	1776	RT	RAMP D	14+23 TO 21+72			
313	1777	RT	I-75	99+70			
314	1777	RT/RT	I-75/RAMP C	99+70 TO 20+52			
315	1777	RT	I-75	99+70 TO 103+07			
316	1777	RT/RT	I-75/RAMP C	103+07 TO 20+52			
317	1777	RT	I-75	103+07			
318	1777	RT	I-75	103+07 TO 105+08			
319	1777	RT	I-75	103+07 TO 110+70			
320	1777	RT	I-75	104+38			
TOTALS CARRIED TO GENERAL SUMMARY							

1752
2346

WAR-75-3.40

LIGHTING SUBSUMMARY

CALCULATED MTY

CHECKED TEB

LIGHTING SUBSUMMARY

WAR-75-3.40

1753 / 2346

CALCULATED MTY · CHECKED TEB

ITEM 625

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION	TRENCH, 24" DEEP	TRANSITION JUNCTION BOX	STRUCTURE JUNCTION BOX	BARRIER JUNCTION BOX, AS PER PLAN	PULL BOX, 725.08, 18"	PULL BOX, 725.08, 24"	GROUND ROD	STRUCTURE GROUNDING SYSTEM, AS PER PLAN	POWER SERVICE, AS PER PLAN
					EACH	EACH	EACH	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
281	1776	LT/RT	SR-73	14+88 TO 14+95												
282	1776	RT	SR-73	14+95								1				
283	1776	RT/LT	SR-73/RAMP A	14+95 TO 86+56				479								
284	1776	RT	SR-73	14+95 TO 16+85				190								
285	1776	RT	SR-73	16+85								1				
286	1776	RT	SR-73	16+85 TO 17+04				49								
287	1776	RT	SR-73	16+85 TO 22+40				562								
288	1776	RT	SR-73	17+04		1								1		
289	1776	RT	SR-73	22+40	1									1		
290	1776	RT	SR-73	22+40 TO 22+92				53								
291	1776	LT	SR-73	22+92								1				
292	1776	LT/RT	SR-73/RAMP C	22+92 TO 20+52				46								
293	1776	LT	SR-73	22+92 TO 22+92												
294	1776	RT	SR-73	22+92								1				
295	1776	RT/RT	SR-73/RAMP C	22+92 TO 1+85				208								
296	1776	RT	SR-73	26+06								1				
297	1776	RT/RT	SR-73/RAMP C	26+06 TO 2+92				54								
298	1776	RT	SR-73	26+06 TO 26+65				60								
299	1776	RT	SR-73	26+65	1									1		
300	1776	RT/LT	SR-73/RAMP D	26+65 TO 21+72				108								
301	1776	RT	RAMP C	1+85	1			190						1		
302	1776	RT	RAMP C	1+85 TO 2+92				107								
303	1776	RT	RAMP C	2+92								1				
304	1776	RT	RAMP C	2+92 TO 3+75				83								
305	1776	RT	RAMP C	3+75	1									1		
306	1776	RT	RAMP C	20+52								1				
307	1776	RT	RAMP C	20+52 TO 20+52				32								
308	1776	RT	RAMP C	20+52								1				
309	1776	RT	RAMP D	14+23								1				
310	1776	LT	RAMP D	21+72								1				
311	1776	RT	RAMP D	6+02 TO 14+23				821								
312	1776	RT	RAMP D	14+23 TO 21+72				749								
313	1777	RT	I-75	99+70			1							1		
314	1777	RT/RT	I-75/RAMP C	99+70 TO 20+52				375								
315	1777	RT	I-75	99+70 TO 103+07				404								
316	1777	RT/RT	I-75/RAMP C	103+07 TO 20+52				716								
317	1777	RT	I-75	103+07								1				
318	1777	RT	I-75	103+07 TO 105+08				204								
319	1777	RT	I-75	103+07 TO 110+70				773								
320	1777	RT	I-75	104+38								1				
TOTALS CARRIED TO GENERAL SUMMARY					4	1	1	6263	0	0	0	12	0	6	0	0

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REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION
321	1777	RT	I-75	104+38 TO 104+76
322	1777	LT/LT	I-75/RAMP B	104+38 TO 614+36
323	1777	RT	I-75	104+76
324	1777	RT	I-75	105+08
325	1777	LT	SR-73	22+92 TO 26+61
326	1777	LT	SR-73	26+61
327	1777	RT	SR-73	28+58
328	1777	RT/RT	SR-73/RAMP D	28+58 TO 21+72
329	1777	LT	RAMP B	607+03
330	1777	LT	RAMP B	607+03 TO 613+78
331	1777	LT	RAMP B	613+78
332	1777	LT	RAMP B	613+78 TO 614+36
333	1777	LT	RAMP B	614+36
334	1777	LT	RAMP B	614+36 TO 615+79
335	1777	LT	RAMP B	615+79
336	1777	RT/LT	RAMP D	21+72 TO 21+72
337	1777	RT	RAMP D	21+72
338	1778	RT	I-75	105+08 TO 110+04
339	1778	RT	I-75	110+04
340	1778	RT	I-75	110+04 TO 110+70
341	1778	RT	I-75	110+70
342	1778	RT	I-75	110+70 TO 110+70
343	1778	RT	I-75	110+70 TO 110+70
344	1778	RT	I-75	110+70
345	1778	LT	RAMP B	615+79 TO 622+67
346	1778	LT	RAMP B	622+67
347	1779	LT	RAMP B	622+67 TO 631+52
348	1779	LT	RAMP B	631+52
349				
350				
351				
352				
353				
354				
355				
356				
357				
358				
359				
360				
TOTALS CARRIED TO GENERAL SUMMARY				

REFERENCE NO.	ITEM 202 LUMINAIRE REMOVED, AS PER PLAN (EACH)	ITEM 202 DISCONNECT EXISTING CIRCUIT, AS PER PLAN (EACH)	ITEM 625 CONNECTOR KIT, TYPE II (EACH)	CABLE SPLICING KIT (EACH)	LIGHT POLE, CONVENTIONAL, AT20B41.7 (EACH)	LIGHT POLE, CONVENTIONAL, AT25B41.7 (EACH)	LIGHT POLE, CONVENTIONAL, AT15B51.7 (EACH)	LIGHT POLE, CONVENTIONAL, AT20B51.7 (EACH)	LIGHT POLE, CONVENTIONAL, AT25B51.7 (EACH)	LIGHT POLE, CONVENTIONAL, A15B38.2 (EACH)
321										
322										
323			2			1				
324			2					1		
325										
326			2					1		
327			2					1		
328										
329				3						
330										
331			2		1					
332										
333				3						
334										
335			2		1					
336										
337				3						
338										
339			2					1		
340										
341				3						
342										
343										
344										
345										
346				3						
347										
348			2		1					
349–360										
TOTALS CARRIED TO GENERAL SUMMARY	0	0	16	15	3	1	0	4	0	0

REFERENCE NO.	LIGHT POLE, CONVENTIONAL, A15B48.2 (EACH)	LIGHT POLE ANCHOR L-BOLTS (EACH)	LIGHT POLE ANCHOR BOLTS ON STRUCTURE (EACH)	LIGHT POLE FOUNDATION, 24" X 8' DEEP (EACH)	LIGHT POLE FOUNDATION, 24" X 10' DEEP (EACH)	LIGHT POLE FOUNDATION, AS PER PLAN (EACH)	NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE (FT)	NO. 10 AWG POLE AND BRACKET CABLE (FT)	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES (FT)	CONDUIT, 2", 725.04 (FT)	CONDUIT, 3", 725.04 (FT)	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3" (FT)
321									48			
322							195				65	
323				1				134				
324					1			144				
325									408			
326					1			144				
327					1			144				
328									119			
329												
330									686			
331				1				124				
332									68			
333												
334									153			
335				1				124				
336							276				92	
337												
338									500			
339					1			144				
340									77			
341												
342									162			
343									30			
344												
345									698			
346												
347									896			
348				1				124				
349–360												
TOTALS CARRIED TO GENERAL SUMMARY	0	0	0	4	4	0	471	1082	3845	0	157	0

WAR-75-3.40 — LIGHTING SUBSUMMARY

CALCULATED MTY · CHECKED TEB

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LIGHTING SUBSUMMARY

WAR-75-3.40

ITEM 625

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 200W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 310W HPS, IES TYPE II DISTRIBUTION (EACH)	LUMINAIRE, CONVENTIONAL, AS PER PLAN, 480V, 400W HPS, IES TYPE II DISTRIBUTION (EACH)	TRENCH, 24" DEEP (FT)	TRANSITION JUNCTION BOX (EACH)	STRUCTURE JUNCTION BOX (EACH)	BARRIER JUNCTION BOX, AS PER PLAN (EACH)	PULL BOX, 725.08, 18" (EACH)	PULL BOX, 725.08, 24" (EACH)	GROUND ROD (EACH)	STRUCTURE GROUNDING SYSTEM, AS PER PLAN (EACH)	POWER SERVICE, AS PER PLAN (EACH)
321	1777	RT	I-75	104+38 TO 104+76				38								
322	1777	LT/LT	I-75/RAMP B	104+38 TO 614+36				55								
323	1777	RT	I-75	104+76	1									1		
324	1777	RT	I-75	105+08			1							1		
325	1777	LT	SR-73	22+92 TO 26+61				398								
326	1777	LT	SR-73	26+61		1								1		
327	1777	RT	SR-73	28+58		1								1		
328	1777	RT/RT	SR-73/RAMP D	28+58 TO 21+72				109								
329	1777	LT	RAMP B	607+03								1				
330	1777	LT	RAMP B	607+03 TO 613+78				676								
331	1777	LT	RAMP B	613+78	1									1		
332	1777	LT	RAMP B	613+78 TO 614+36				58								
333	1777	LT	RAMP B	614+36												
334	1777	LT	RAMP B	614+36 TO 615+79				143				1				
335	1777	LT	RAMP B	615+79	1									1		
336	1777	RT/LT	RAMP D	21+72 TO 21+72				82								
337	1777	RT	RAMP D	21+72								1				
338	1778	RT	I-75	105+08 TO 110+04				490								
339	1778	RT	I-75	110+04			1							1		
340	1778	RT	I-75	110+04 TO 110+70				67								
341	1778	RT	I-75	110+70								1				
342	1778	RT	I-75	110+70 TO 110+70				71								
343	1778	RT	I-75	110+70 TO 110+70				5								
344	1778	RT	I-75	110+70												1
345	1778	LT	RAMP B	615+79 TO 622+67				688								
346	1778	LT	RAMP B	622+67								1				
347	1779	LT	RAMP B	622+67 TO 631+52				886								
348	1779	LT	RAMP B	631+52	1									1		
349																
350																
351																
352																
353																
354																
355																
356																
357																
358																
359																
360																
TOTALS CARRIED TO GENERAL SUMMARY					4	2	2	3766	0	0	0	5	0	8	0	1

1755 / 2346

CALCULATED MTY

CHECKED TEB

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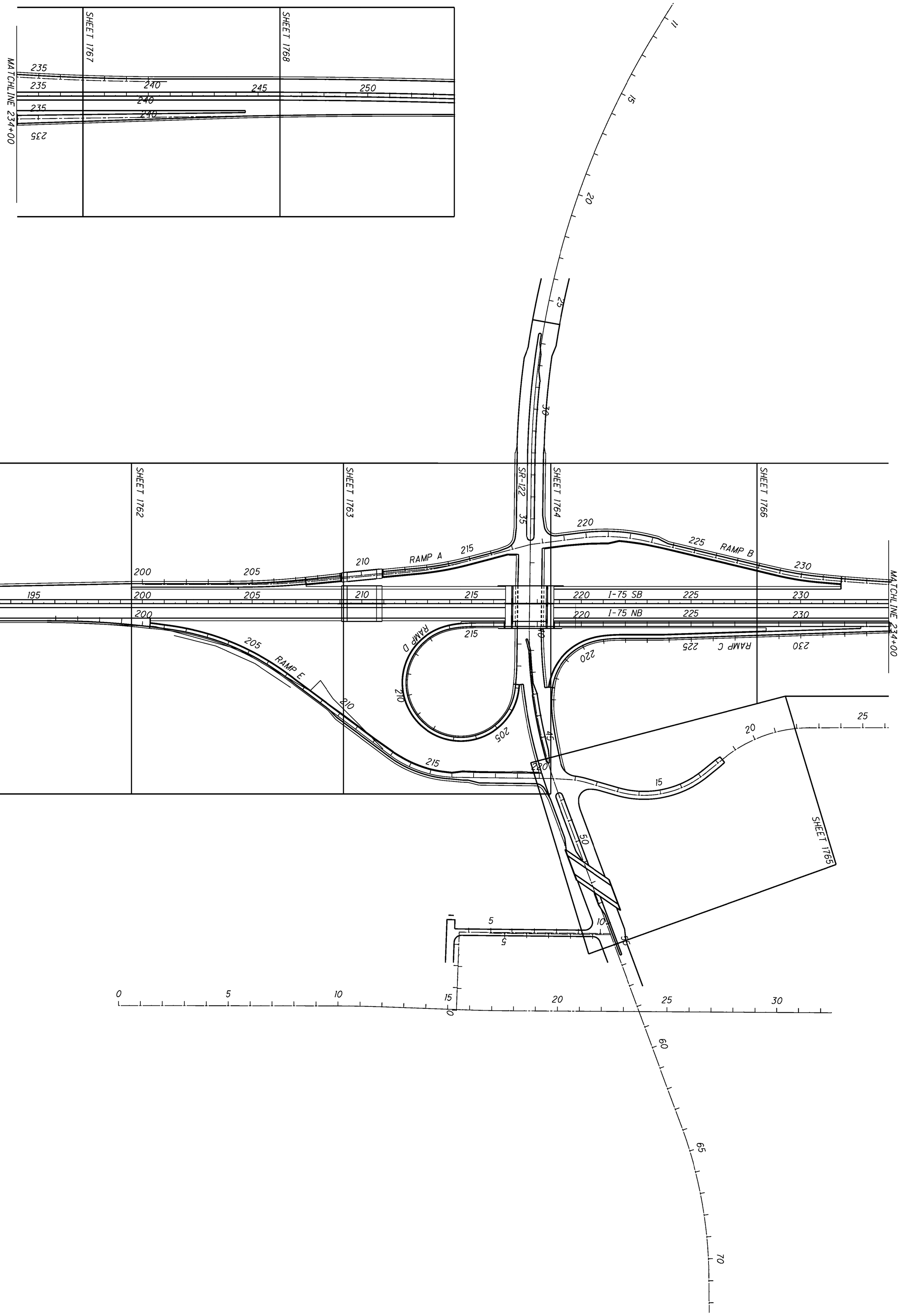

1756 2346	WAR-75-3.40	LIGHTING SCHEMATIC PLAN I-75/SR-122 INTERCHANGE	CALCULATED MTY / CHECKED TEB	0 200 100 400 HORIZONTAL SCALE IN FEET

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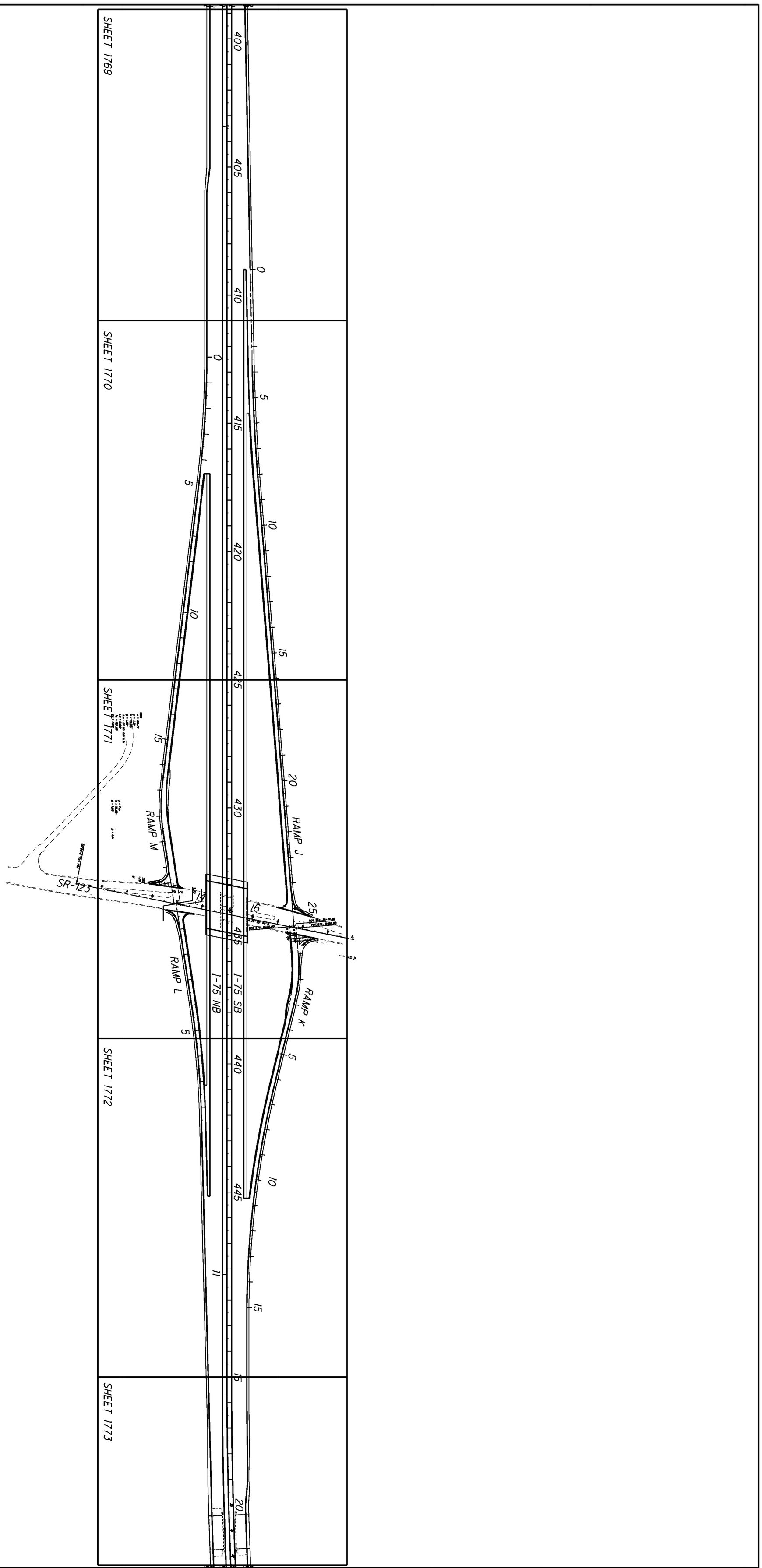

1757 2346	WAR-75-3.40	LIGHTING SCHEMATIC PLAN I-75/SR-123 INTERCHANGE	CALCULATED MTY / CHECKED TEB	0 200 100 400 HORIZONTAL SCALE IN FEET

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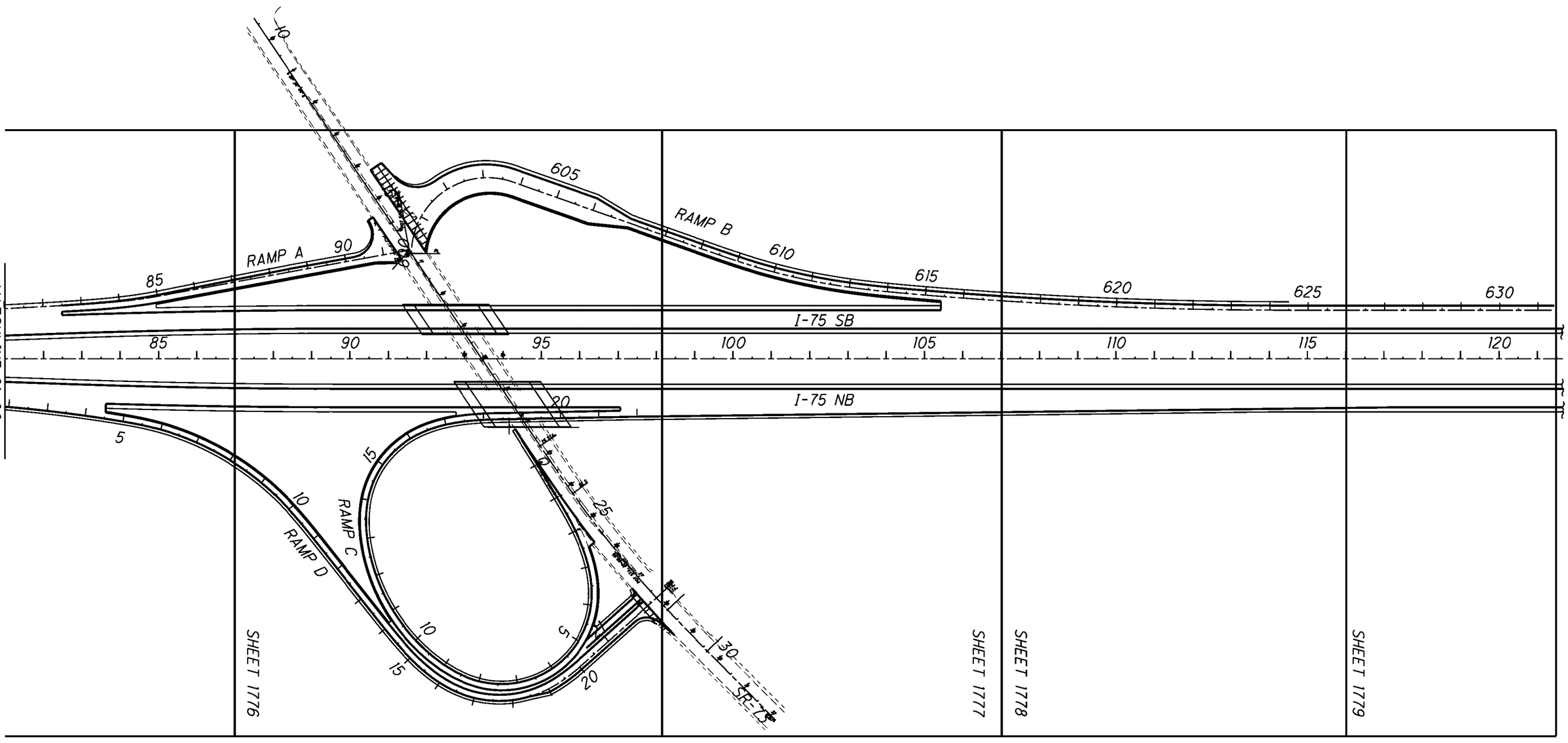
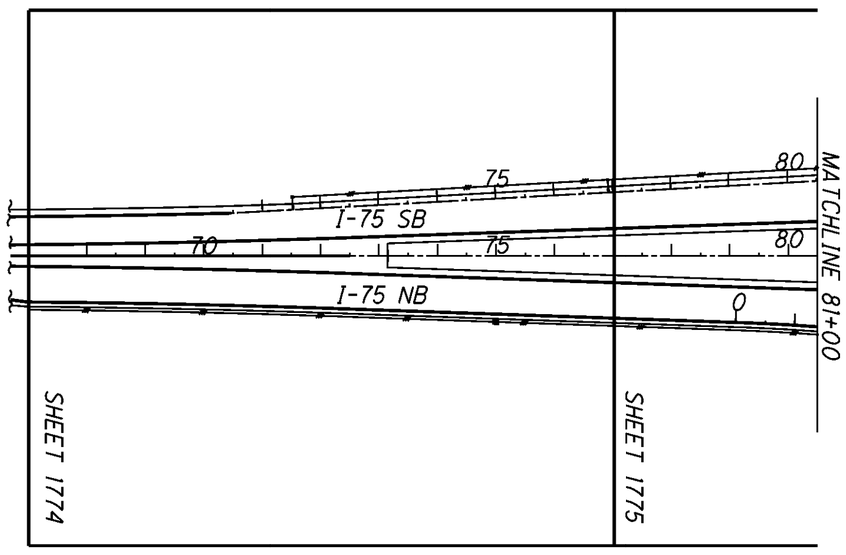




1758 / 2346	WAR-75-3.40	LIGHTING SCHEMATIC PLAN I-75/SR-73 INTERCHANGE	CALCULATED MTY CHECKED TEB	0 200 100 400 HORIZONTAL SCALE IN FEET

SYMBOLS

EXISTING LUMINAIRE AND BRACKET ARM TO BE REMOVED. EXISTING POLE AND FOUNDATION REMOVAL ARE NOT PAID IN LIGHTING PLANS.

PROPOSED STYLE B LUMINAIRE ON ROUND TAPERED STEEL POLE WITH TRANSFORMER BASE, AND FOUNDATION.

PROPOSED STYLE B LUMINAIRE ON ROUND TAPERED STEEL POLE WITH ANCHOR BASE; FOUNDATION AS NOTED ON THE PLANS.

PROPOSED CONCRETE PULL BOX OF SIZE NOTED ON THE PLANS.

PROPOSED BARRIER JUNCTION BOX, AS PER PLAN, STRUCTURE JUNCTION BOX OR TRANSITION JUNCTION BOX, AS NOTED ON THE PLANS.

PROPOSED POWER SERVICE, AS PER PLAN. SEE CONTROL CENTER DATA TABLE ON SHEET 1782.

PROPOSED STRUCTURE GROUNDING, AS PER PLAN.

PROPOSED UNDERGROUND LIGHTING CIRCUIT IN DUCT CABLE OF SIZE AS NOTED ON THE PLANS.

PROPOSED LIGHTING CONDUIT, OF SIZE AND TYPE AS NOTED ON THE PLANS;
EMPTY OR CONTAINING DISTRIBUTION CABLE, AS NOTED ON THE PLANS; SIZE, TYPE AND NUMBER OF DISTRIBUTION CABLES AS NOTED ON THE PLANS;
LOCATED UNDERGROUND, IN STRUCTURE, IN BARRIER OR IN RETAINING WALL, AS NOTED ON THE PLANS.

—OE— PROPOSED OVERHEAD ELECTRIC LINE BY DUKE ENERGY.

--E-- EXISTING CIRCUIT TO REMAIN.

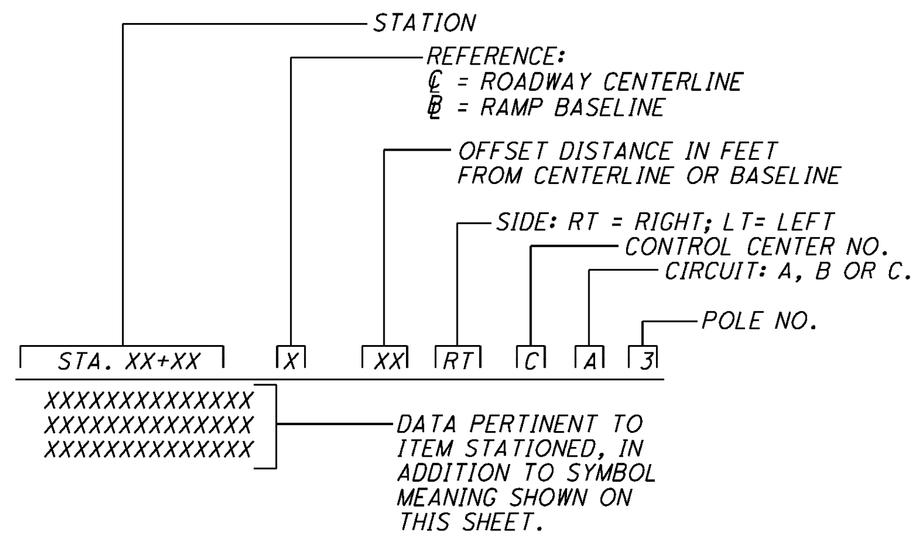
(X) ITEM NUMBER. REFERS TO SUB-SUMMARY SHEET ENTRIES.

⟨X⟩ CODED NOTE REFERENCE.

PROPOSED OVERHEAD SIGN. SIGNS ARE SHOWN FOR REFERENCE ONLY AND ARE NOT PAID IN LIGHTING PLANS.

PROPOSED STRUCTURE-MOUNTED SIGN. SIGNS ARE SHOWN FOR REFERENCE ONLY AND ARE NOT PAID IN LIGHTING PLANS.

TYPICAL STATIONING INFORMATION



ABBREVIATIONS

#	NUMBER
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AWG	AMERICAN WIRE GAUGE
BFG	BELOW FINISHED GRADE
C	CONDUIT
CONC	CONCRETE
DIA	DIAMETER
EX	EXISTING
HPS	HIGH PRESSURE SODIUM
IES	ILLUMINATING ENGINEERING SOCIETY
KV	KILOVOLT
5 KV	5000 VOLT
m	METER
mm	MILLIMETER
MIN	MINIMUM
NB	NORTHBOUND
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NO	NUMBER
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL
SB	SOUTHBOUND
SCD	STANDARD CONSTRUCTION DRAWING
SQ	SQUARE
STA	STATION
TYP	TYPICAL
W	WATT

CALCULATED MTY
CHECKED TEB

LIGHTING ABBREVIATIONS, SYMBOLS AND STATIONING INFORMATION

WAR-75-3.40

1759
2346

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3 STA. 36+50 ℄ SR-122 62' LT
REMOVE EX. CONVENTIONAL
LUMINAIRE AND BRACKET ARM

2 STA. 35+29 ℄ SR-122 74' LT
REMOVE EX. CONVENTIONAL
LUMINAIRE AND BRACKET ARM;
DISCONNECT EX. CIRCUIT

1 STA. 35+27 ℄ SR-122 60' RT
REMOVE EX. CONVENTIONAL
LUMINAIRE AND BRACKET ARM

4 STA. 36+65 ℄ SR-122 63' RT
REMOVE EX. CONVENTIONAL
LUMINAIRE AND BRACKET ARM

I-75 SB

I-75 NB

SR-122

GENERAL NOTE
SEE SHEET 1761 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

SR-122
LIGHTING DEMOLITION PLAN

WAR-75-3.40

1760
2346

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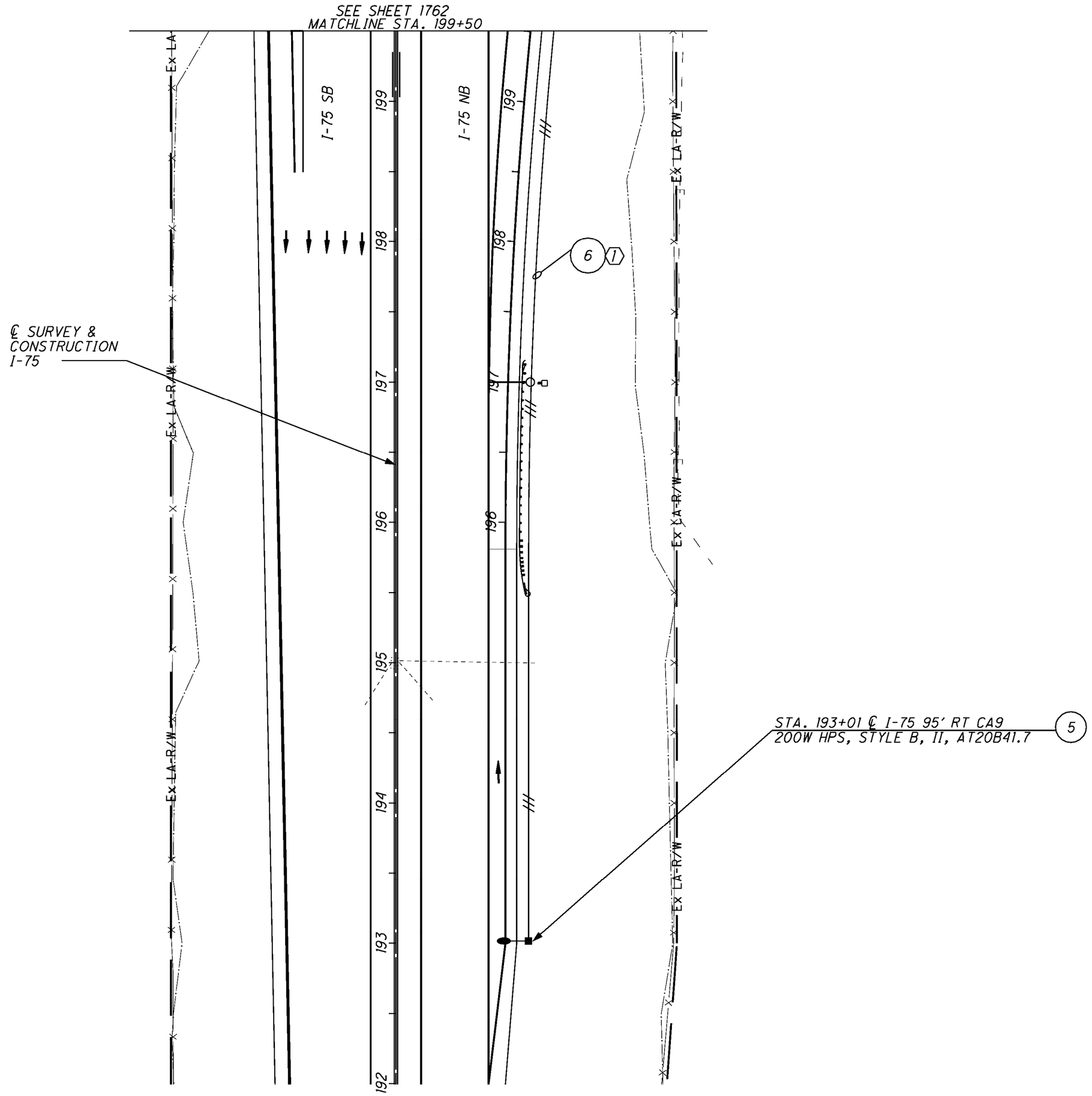

GENERAL NOTE

SEE SHEET 1761 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

⟨1⟩ 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-122 INTERCHANGE
STA. 192+00 TO STA. 199+50

WAR-75-3.40

1761
2346

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SEE SHEET 1763
MATCHLINE STA. 209+15

(20) STA. 209+12 ℄ RAMP A 26' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(3) 21
(1) 19

(5) STA. 208+97 ℄ I-75 88' LT
CAP, STAKE CONDUIT

℄ SURVEY &
CONSTRUCTION
RAMP A

(18) STA. 207+42 ℄ RAMP A 24' LT CA1
310W HPS, STYLE B, II, AT20B51.7

(11) STA. 208+96 ℄ I-75
TRANSITION JUNCTION BOX

(1) 17

(16) STA. 204+56 ℄ RAMP A 19' LT CA2
200W HPS, STYLE B, II, AT20B41.7

℄ SURVEY &
CONSTRUCTION
I-75

(1) 15

OVERHEAD UTILITY LINE

(14) STA. 201+70 ℄ RAMP A 19' LT CA3
200W HPS, STYLE B, II, AT20B41.7

(1) 29

(28) STA. 200+93 ℄ I-75 110' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(1) 27

(4) 12

(13) 4

Ex LA-R/W

RAMP A

I-75 SB

I-75 NB

RAMP E

R/W

WAR-75-0394N

WAR-75-0394S

℄ SURVEY &
CONSTRUCTION
RAMP E

STA. 208+98 ℄ I-75 86' RT
CAP, STAKE CONDUIT (5)

STA. 201+65 ℄ RAMP E 15' RT CA7
200W HPS, STYLE B, II, AT20B41.7 (26)

STA. 201+25 ℄ I-75 86' RT CA6
200W HPS, STYLE B, II, AT25B41.7 (10)

(25) (1)
(9) (1)

STA. 200+91 ℄ RAMP E 15' RT (24)
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(8) (2)

(23) (1) STA. 200+93 ℄ I-75 86' RT (7)
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

STA. 199+97 ℄ RAMP E 17' RT CA8
200W HPS, STYLE B, II, AT20B41.7 (22)

CITY OF MIDDLETON
TOWNSHIP OF TURTLECREEK

MATCHLINE STA. 199+50
SEE SHEET 1761

GENERAL NOTE

SEE SHEET 1761 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

(1) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.

(2) 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.

(3) 3-#4 AWG 5 KV CABLES IN 2" RGS C., 725.04. SEE SCD HL-30.31 FOR CONDUIT TRANSITION DETAILS.

(4) EMPTY 2" RGS C., 725.04, WITH PULL WIRE. SEE SCD HL-30.32 FOR CONDUIT TRANSITION DETAILS.

(5) CAP CONDUIT AT 24" BFG AND STAKE CONDUIT WITH ¾" STEEL CONDUIT DRIVEN TO 6" BFG.

(6) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES. PLACE DUCT CABLE AS LOW AS POSSIBLE BFG WHILE KEEPING DUCT CABLE ABOVE WAR-75-0394.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-122 INTERCHANGE
STA. 199+50 TO STA. 209+15

WAR-75-3.40

1762
2346

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57 STA. 35+13 ℄ SR-122 80' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS 1 56

55 STA. 34+98 ℄ SR-122 77' LT CA1
310W HPS, STYLE B, II, AT25B51.7

STA. 216+84.76
TO 218+45.26
℄ I-75
STRUCTURE
GROUNDING SYSTEM,
AS PER PLAN

46 STA. 217+08 ℄ I-75 81' LT
STRUCTURE JUNCTION BOX
50 STA. 218+23 ℄ I-75 81' LT
STRUCTURE JUNCTION BOX

41 STA. 216+43 ℄ I-75
TRANSITION JUNCTION BOX

SEE SHEET 1764
MATCHLINE STA. 218+60

STA. 218+23 ℄ I-75 113' RT 51
STRUCTURE JUNCTION BOX
STA. 217+08 ℄ I-75 113' RT 48
STRUCTURE JUNCTION BOX
STA. 216+43 ℄ I-75 119' RT 5
CAP, STAKE CONDUIT

2 64

STA. 43+01 ℄ SR-122 61' RT 63
24" SQ. CONC. PULL BOX
WITH SPLICE KITS
86 STA. 218+57 ℄ RAMP E 37' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

88 STA. 219+05 ℄ RAMP E 42' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS
90 STA. 219+37 ℄ RAMP E 37' RT
STRUCTURE JUNCTION BOX
WITH TYPE II CONNECTOR KITS
91 9

60 1

47 7

58 11 1 1 54

42 4

44 4

℄ SURVEY &
CONSTRUCTION
SR-122

68 1

87 2

89 8

STA. 34+23
℄ SR-122 128' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

61 1

80 1

STA. 200+73 ℄ RAMP D 18' RT CB13 79
200W HPS, STYLE B, II, AT20B41.7

82 1

66 2

84 1

℄ SURVEY &
CONSTRUCTION
RAMP E

77 2

81 STA. 202+48 ℄ RAMP D 18' RT CB12
200W HPS, STYLE B, II, AT20B41.7

53 1 1

STA. 37+23 ℄ SR-122 73' RT CA2 62
310W HPS, STYLE B, II, AT20B51.7

STA. 216+45 ℄ I-75 87' LT 5
CAP, STAKE CONDUIT

EX. DUKE
ENERGY
POLE #
7W-396E

OVERHEAD
SERVICE
DROP BY
DUKE
ENERGY

EX.
DUKE
ENER-
GY
POLE #
7W-397E

75 1

STA. 216+76 ℄ RAMP A 31' RT 78
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

STA. 216+76 ℄ RAMP A 31' LT 76
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

52 STA. 34+23
℄ SR-122 133' RT
POWER SERVICE,
AS PER PLAN;
CONTROL
CENTER C

59 STA. 35+13
℄ SR-122 85' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

83 STA. 203+34 ℄ RAMP D 18' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

85 STA. 204+00 ℄ RAMP D 15' RT CB11 1 65
200W HPS, STYLE B, II, AT20B41.7

67 STA. 43+55 ℄ SR-122 61' RT CB14
200W HPS, STYLE B, II, AT20B41.7

℄ SURVEY &
CONSTRUCTION
RAMP D

SR-122

WAR-25-0410L

WAR-25-0410R

WAR-75-0419

I-75 SB

I-75 NB

RAMP A

RAMP D

RAMP E

Ex LA-R/W

EX. R/W

SAN

LA

CODED NOTES

1 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.

2 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.

3 3-#4 AWG 5 KV CABLES IN 2" RGS C., 725.04.
SEE SCD HL-30.31 FOR CONDUIT TRANSITION DETAILS.

4 EMPTY 2" RGS C., 725.04, WITH PULL WIRE.
SEE SCD HL-30.32 FOR CONDUIT TRANSITION DETAILS.

5 CAP CONDUIT AT 24" BFG AND STAKE CONDUIT
WITH ¾" STEEL CONDUIT DRIVEN TO 6" BFG.

6 NOT USED.

7 EMPTY 2" RGS C., 725.04, WITH PULL WIRE.

8 3-#4 AWG 5 KV CABLES IN 2" RGS C., 725.04.
TRANSITION CONDUIT FROM RETAINING WALL TO PULL BOX.

9 3-#4 AWG 5 KV CABLES IN 2" RGS C., 725.04, IN RETAINING WALL.
SEE STRUCTURE PLANS FOR ADDITIONAL DETAILS.

10 NOT USED.

11 3-#4 AWG 5 KV CABLES, 2-#4 AWG 5 KV CABLES
IN 3" RGS C., 725.04, AT 24" BFG.

12 NOT USED.

13 3-#4 AWG 5 KV CABLES IN 2" RGS C., 725.04.

74 STA. 210+94 ℄ RAMP A 27' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

72 STA. 210+47 ℄
RAMP A 21' LT
STRUCTURE JUNCTION
BOX WITH TYPE II
CONNECTOR KITS

3 73 4 37 13 70

71 STA. 209+76.54 ℄ RAMP A
STRUCTURE GROUNDING SYSTEM,
AS PER PLAN

69 STA. 209+62 ℄ RAMP A 21' LT
STRUCTURE JUNCTION BOX
WITH TYPE II CONNECTOR KITS

32 STA. 209+55 ℄ I-75 81' LT
STRUCTURE JUNCTION BOX

36 STA. 210+43 ℄ I-75 81' LT
STRUCTURE JUNCTION BOX

33 7 7 35

℄ SURVEY &
CONSTRUCTION
I-75

℄ SURVEY &
CONSTRUCTION
RAMP A

STA. 211+01 ℄ I-75 86' LT 5
CAP, STAKE CONDUIT
STA. 211+02 ℄ I-75 40
TRANSITION JUNCTION BOX
STA. 211+05 ℄ I-75 85' RT 5
CAP, STAKE CONDUIT

39 4

30 7

STA. 210+43 ℄ I-75 81' RT 38
STRUCTURE JUNCTION BOX

STA. 209+55 ℄ I-75 81' RT 34
STRUCTURE JUNCTION BOX

MATCHLINE STA. 209+15
SEE SHEET 1762

STA. 209+33.68 TO 210+65.43 ℄ I-75 31
STRUCTURE GROUNDING SYSTEM, AS PER PLAN

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL
MEANINGS AND STATIONING INFORMATION.

HORIZONTAL
SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75 / SR-122 INTERCHANGE
STA. 209+15 TO STA. 218+60

WAR-75-3.40

1763
2346

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SEE SHEET 1766
MATCHLINE STA. 228+00

(102) STA. 226+93 ℄ RAMP B 24' LT
BARRIER JUNCTION BOX
WITH TYPE II CONNECTOR KITS

(5) STA. 218+89 ℄ I-75 118' RT
CAP, STAKE CONDUIT

(94) STA. 218+85 ℄ I-75
TRANSITION JUNCTION BOX

(5) STA. 218+86 ℄ I-75 86' LT
CAP, STAKE CONDUIT

(100) STA. 223+58 ℄ RAMP B 29' LT
BARRIER JUNCTION BOX
WITH TYPE II CONNECTOR KITS

(98) STA. 221+51 ℄ RAMP B 37' LT
BARRIER JUNCTION BOX
WITH TYPE II CONNECTOR KITS

(96) STA. 220+87 ℄ RAMP B 44' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(103) (15)

(101) (15)

(99) (15)

(97) (14)

(108) (1)

(106) (1)

(104) (1)

(107) STA. 223+00 ℄ RAMP C 17' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(105) STA. 217+40 ℄ RAMP C 19' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(92) (4)

(93) (4)

℄ SURVEY & CONSTRUCTION I-75

℄ SURVEY & CONSTRUCTION RAMP B (1) (95)

℄ SURVEY & CONSTRUCTION RAMP C

I-75 SB

I-75 NB

RAMP B

RAMP C

EX LA-R/W

EX CH

MATCHLINE STA. 218+60
SEE SHEET 1763

MATCHLINE STA. 46+00 ℄ SR-122
SEE SHEET 1765

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

(1) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.
(2) NOT USED.
(3) NOT USED.
(4) EMPTY 2" RGS C., 725.04, WITH PULL WIRE. SEE SCD HL-30.32 FOR CONDUIT TRANSITION DETAILS.
(5) CAP CONDUIT AT 24" BFG AND STAKE CONDUIT WITH ¾" STEEL CONDUIT DRIVEN TO 6" BFG.
(6) TO (13) NOT USED.
(14) 3-#4 AWG 5 KV CABLES IN 2" RGS C., 725.04. TRANSITION CONDUIT FROM CONCRETE BARRIER TO PULL BOX.
(15) 3-#4 AWG 5 KV CABLES IN 2" RGS C., 725.04, IN CONCRETE BARRIER.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-122 INTERCHANGE
STA. 218+60 TO STA. 228+00

WAR-75-3.40

1764
2346

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GENERAL NOTE

SEE SHEET 1761 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

1. 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.
2. 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.
3. NOT USED.
4. EMPTY 2" RGS C., 725.04, WITH PULL WIRE. SEE SCD HL-30.32 FOR CONDUIT TRANSITION DETAILS.
5. CAP CONDUIT AT 24" BFG AND STAKE CONDUIT WITH ¾" STEEL CONDUIT DRIVEN TO 6" BFG.
6. NOT USED.
7. EMPTY 2" RGS C., 725.04, WITH PULL WIRE.
8. TO 15 NOT USED.
16. EMPTY 2" RGS C., 725.04, WITH PULL WIRE. SEE SHEET 1778 FOR CONDUIT TRANSITION DETAILS.
17. EMPTY 2" RGS C., 725.04, WITH PULL WIRE. SEE SHEET 1780 FOR CONDUIT TRANSITION DETAILS.
18. SEE STRUCTURE PLANS FOR LIGHT POLE PILASTER DETAILS.

109 STA. 46+00 ℄ SR-122 72' LT CB10
310W HPS, STYLE B, II, AT20B51.7

110 18 STA. 48+00 ℄ SR-122 54.5' RT CB15
310W HPS, STYLE B, II, A15B48.2

112 STA. 49+69 ℄ SR-122 54.5' RT
STRUCTURE JUNCTION BOX

5 STA. 52+03 ℄ SR-122 85' LT
CAP, STAKE CONDUIT

114 STA. 50+86 ℄ SR-122 59' RT
STRUCTURE JUNCTION BOX

116 STA. 50+45 TO 53+33 ℄ SR-122
STRUCTURE GROUNDING SYSTEM, AS PER PLAN

118 STA. 52+75 ℄ SR-122 74' LT
STRUCTURE JUNCTION BOX

5 STA. 51+80 ℄ SR-122 63' RT
CAP, STAKE CONDUIT

5 STA. 53+72 ℄ SR-122 87' LT
CAP, STAKE CONDUIT

119 17

117 17

115 4

113 16

111 7

WAR-122-0094

℄ SURVEY & CONSTRUCTION SR-122

MATCHLINE STA. 46+00 SR-122
SEE SHEET 1764

SR-122

SAN

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

SR-122
STA. 46+00 TO STA. 55+00

WAR-75-3.40

1765
2346

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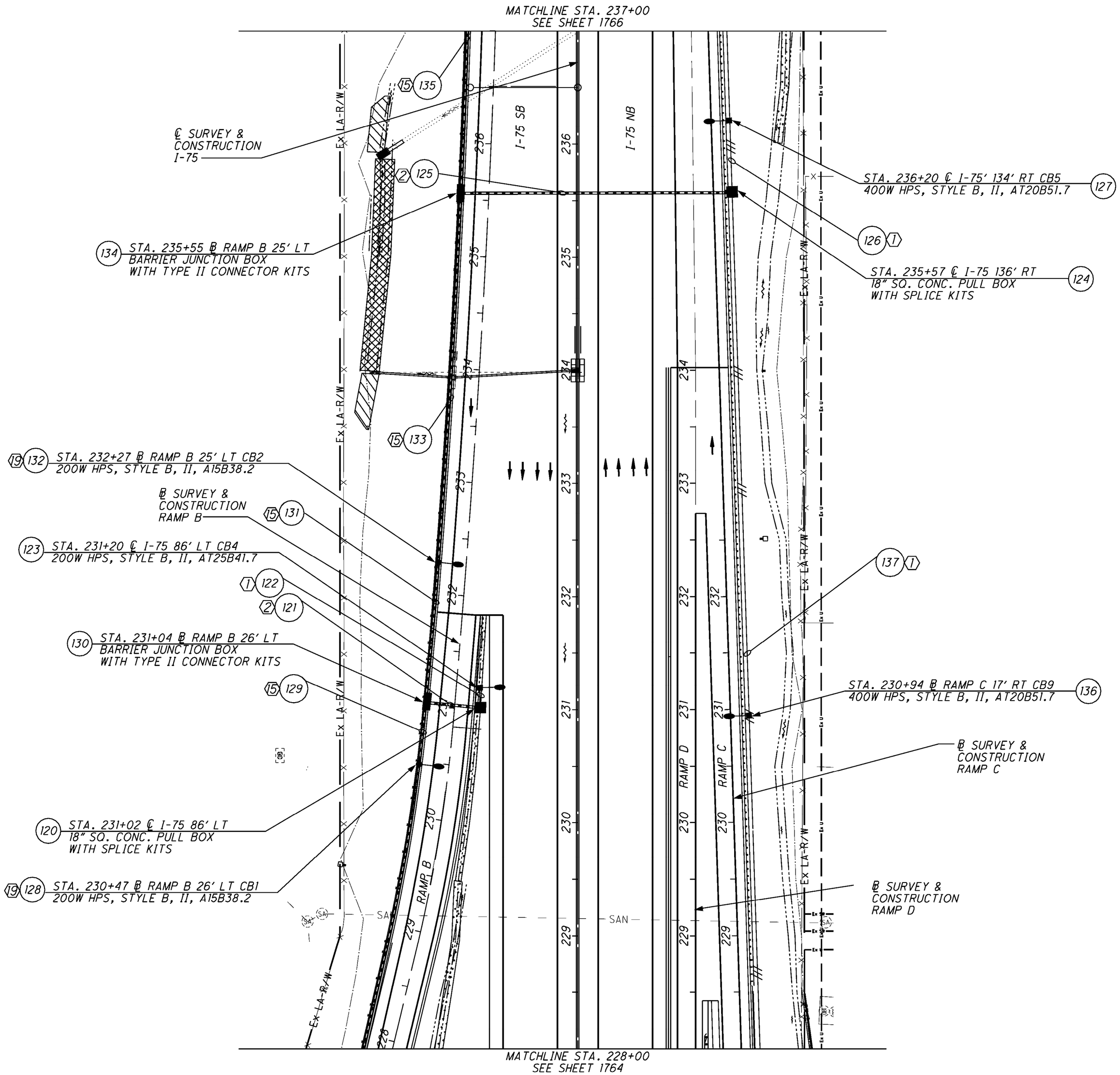

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

1. 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.
2. 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.
3. TO 14 NOT USED.
15. 3-#4 AWG 5 KV CABLES IN 2" RGS C., 725.04, IN CONCRETE BARRIER.
16. TO 18 NOT USED.
19. SEE SHEET 1781 FOR LIGHT POLE FOUNDATION, AS PER PLAN DETAIL.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-122 INTERCHANGE
STA. 228+00 TO STA. 237+00

WAR-75-3.40

1766
2346

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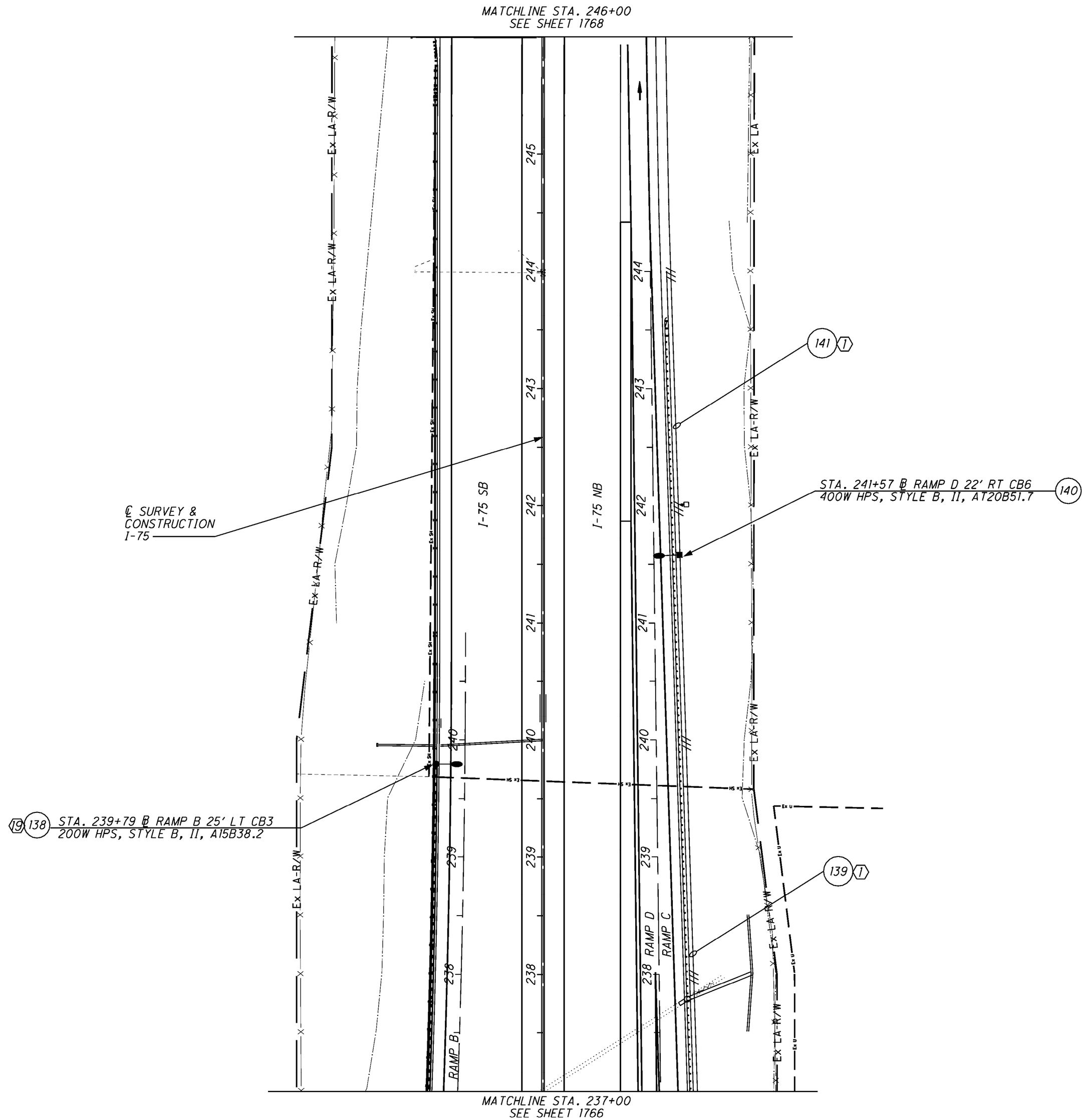

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

1. 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.
2. 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.
3. TO 14 NOT USED.
15. 3-#4 AWG 5 KV CABLES IN 2" RGS C., 725.04, IN CONCRETE BARRIER.
16. TO 18 NOT USED.
19. SEE SHEET 1781 FOR LIGHT POLE FOUNDATION, AS PER PLAN DETAIL.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-122 INTERCHANGE
STA. 237+00 TO STA. 246+00

WAR-75-3.40

1767
2346

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GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

(1) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.

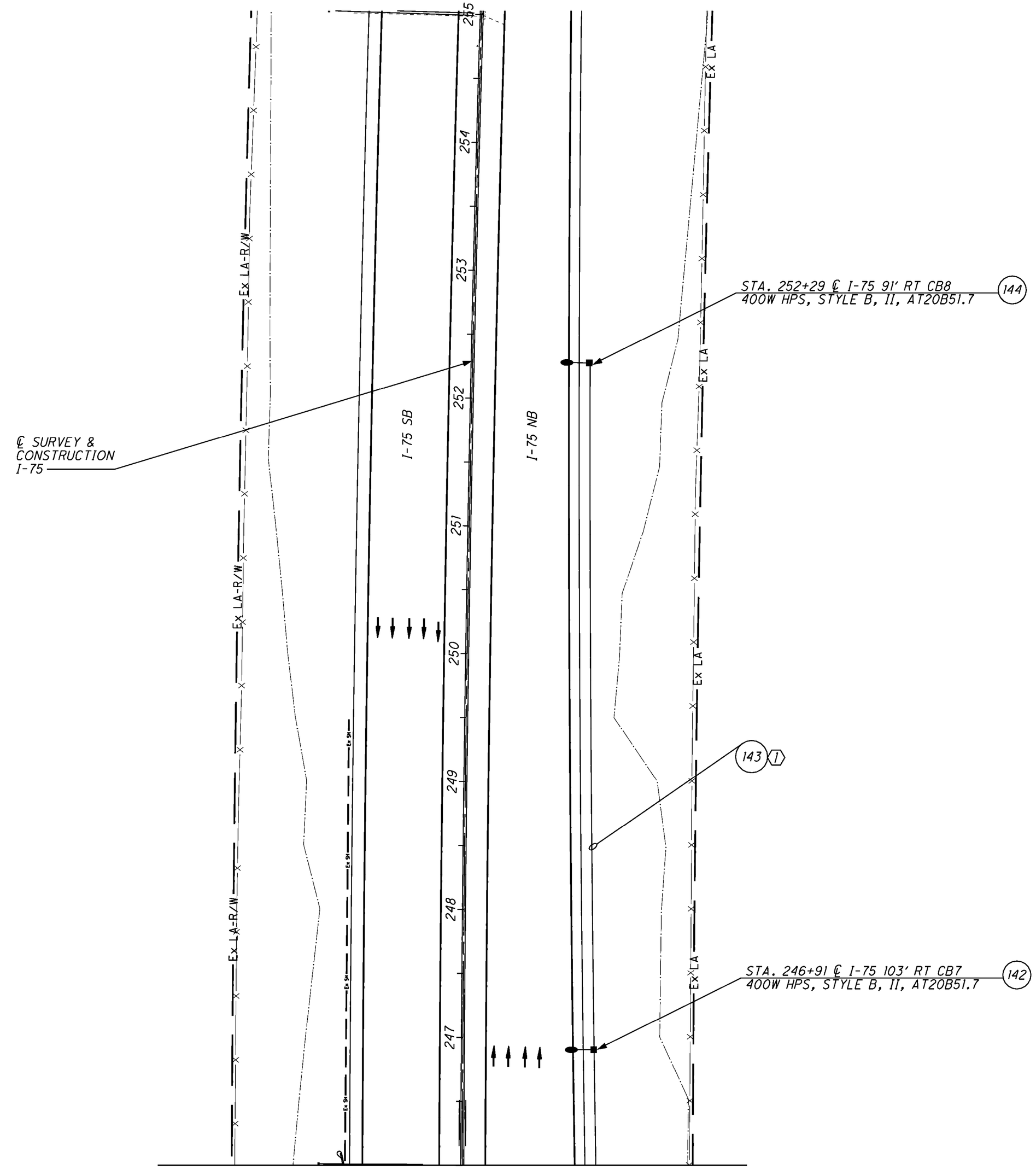
(2) 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.

(3) TO (14) NOT USED.

(15) 3-#4 AWG 5 KV CABLES IN 2" RGS C., 725.04, IN CONCRETE BARRIER.

(16) TO (18) NOT USED.

(19) SEE SHEET 1781 FOR LIGHT POLE FOUNDATION, AS PER PLAN DETAIL.



HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-122 INTERCHANGE
STA. 246+00 TO STA. 255+00

WAR-75-3.40

1768
2346

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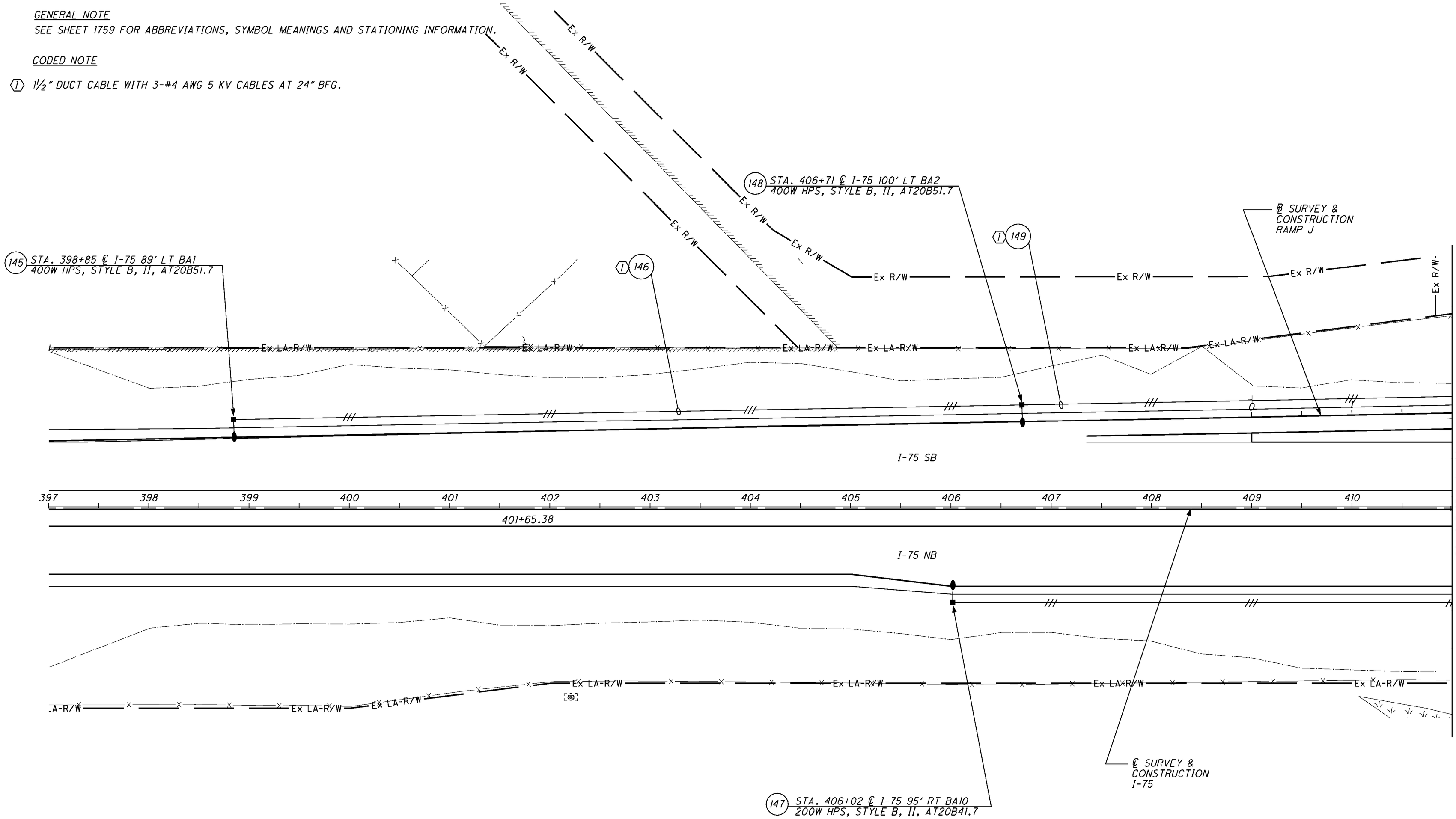
GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTE

(1) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.



HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-123 INTERCHANGE
STA. 397+00 TO STA. 411+00

WAR-75-3.40

1769
2346

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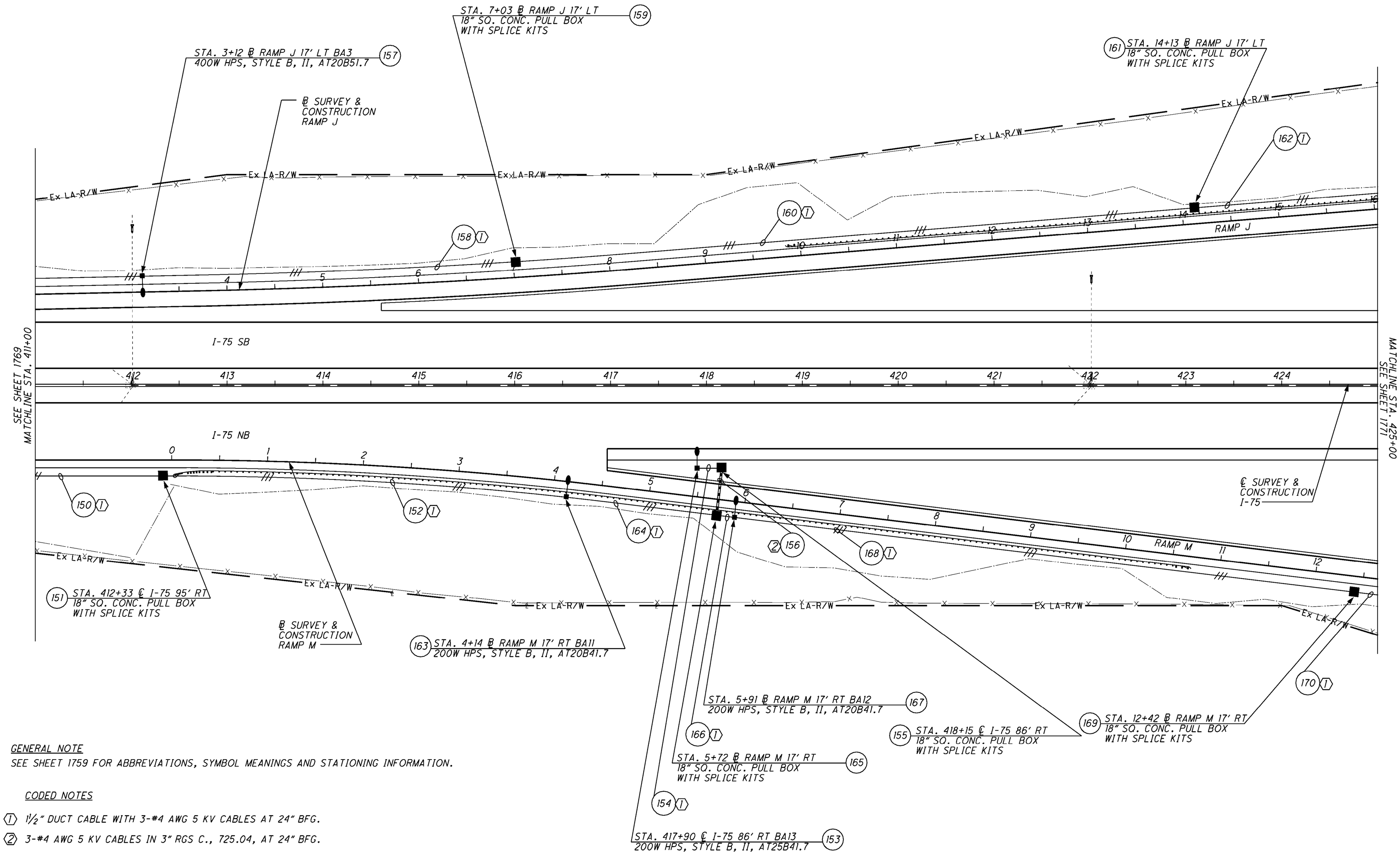

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

1 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.

2 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75 / SR-123 INTERCHANGE
STA. 411+00 TO STA. 425+00

WAR-75-3.40

1770
2346

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Ex CH

Ex CH

(198) STA. 16+96 ℄ SR-123 76' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(195) STA. 16+67 ℄ SR-123 76' LT BA4
400W HPS, STYLE B, II, AT20B51.7

(177) STA. 433+40 ℄ I-75 80' LT
STRUCTURE JUNCTION BOX

(206) STA. 21+15 ℄ RAMP J 17' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

℄ SURVEY &
CONSTRUCTION
RAMP J

(5) STA. 432+77 ℄ I-75 86' LT
CAP, STAKE CONDUIT

(2) (199)

(200) STA. 17+73 ℄ SR-123 90' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

℄ SURVEY &
CONSTRUCTION
SR-123

(201) (2)

(205) STA. 18+72 ℄ SR-123 41' RT BA5
400W HPS, STYLE B, II, AT20B51.7

(203) (1)

(202) STA. 18+38 ℄ SR-123 58' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

℄ SURVEY &
CONSTRUCTION
RAMP K

(204) (1)

Ex LA-R/W

(196) (1)

(1) (207)

RAMP J

RAMP K

SR-123

STA. 433+78 TO
434+10 ℄ I-75
STRUCTURE GROUNDING
SYSTEM, AS PER PLAN (179)

STA. 434+79 ℄ I-75 80' LT (182)
STRUCTURE JUNCTION BOX

(20) (183)

STA. 435+38 ℄ I-75 88' LT (5)
CAP, STAKE CONDUIT

(178) (7)

(194) STA. 13+63 ℄ SR-123 36' RT BA15
310W HPS, STYLE B, II, AT20B51.7

(20) (174)

WAR-75-0817L

WAR-75-0817R

I-75 SB

I-75 NB

SEE SHEET 1770
MATCHLINE STA. 425+00

MATCHLINE STA. 439+00
SEE SHEET 1772

(172) STA. 432+63 ℄ I-75
TRANSITION JUNCTION BOX

(7) (173)

(20) (171)

(5) STA. 432+50 ℄ I-75 85' RT
CAP, STAKE CONDUIT

(175) STA. 433+08 ℄ I-75 81' RT
STRUCTURE JUNCTION BOX

(7) (176)

(20) (181)

℄ SURVEY &
CONSTRUCTION
RAMP M

(208) STA. 20+26 ℄ RAMP M 36' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(1) (197)

(2) (211)

(1) (193)

(2) (209)

RAMP M

RAMP L

℄ SURVEY &
CONSTRUCTION
RAMP L

STA. 435+23 ℄ I-75
TRANSITION JUNCTION BOX (184)

℄ SURVEY &
CONSTRUCTION
I-75

Ex LA-R/W

Ex R/W

(210) STA. 20+26 ℄ RAMP M 25' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(188) STA. 11+98 ℄ SR-123 81' LT BA14
310W HPS, STYLE B, II, AT20B51.7

(189) (1)

STA. 435+09 ℄ I-75 84' RT (5)
CAP, STAKE CONDUIT

STA. 434+46 ℄ I-75 81' RT (180)
STRUCTURE JUNCTION BOX

STA. 13+55 ℄ SR-123 46' RT (192)
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(191) (2)

STA. 12+85 ℄ SR-123 53' RT (190)
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(1) (186)

(1) (187)

EX. DUKE
ENERGY
POLE #
W58-21E

EX. DUKE
ENERGY
POLE #
W58-19E

EX. DUKE
ENERGY
POLE #
W58-20E

STA. 10+50 ℄ SR-123 86' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

SAN

(185) STA. 10+50 ℄ SR-123 91' LT
POWER SERVICE, AS PER PLAN;
CONTROL CENTER B

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

(1) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.

(2) 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.

(3) TO (4) NOT USED.

(5) CAP CONDUIT AT 24" BFG AND STAKE CONDUIT WITH ¾" STEEL CONDUIT DRIVEN TO 6" BFG.

(6) NOT USED.

(7) EMPTY 2" RGS C., 725.04, WITH PULL WIRE.

(8) TO (19) NOT USED.

(20) EMPTY 2" RGS C., 725.04, WITH PULL WIRE. SEE SCD HL-30.31 FOR CONDUIT TRANSITION DETAILS.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75 / SR-123 INTERCHANGE
STA. 425+00 TO STA. 439+00

WAR-75-3.40

1771
2346

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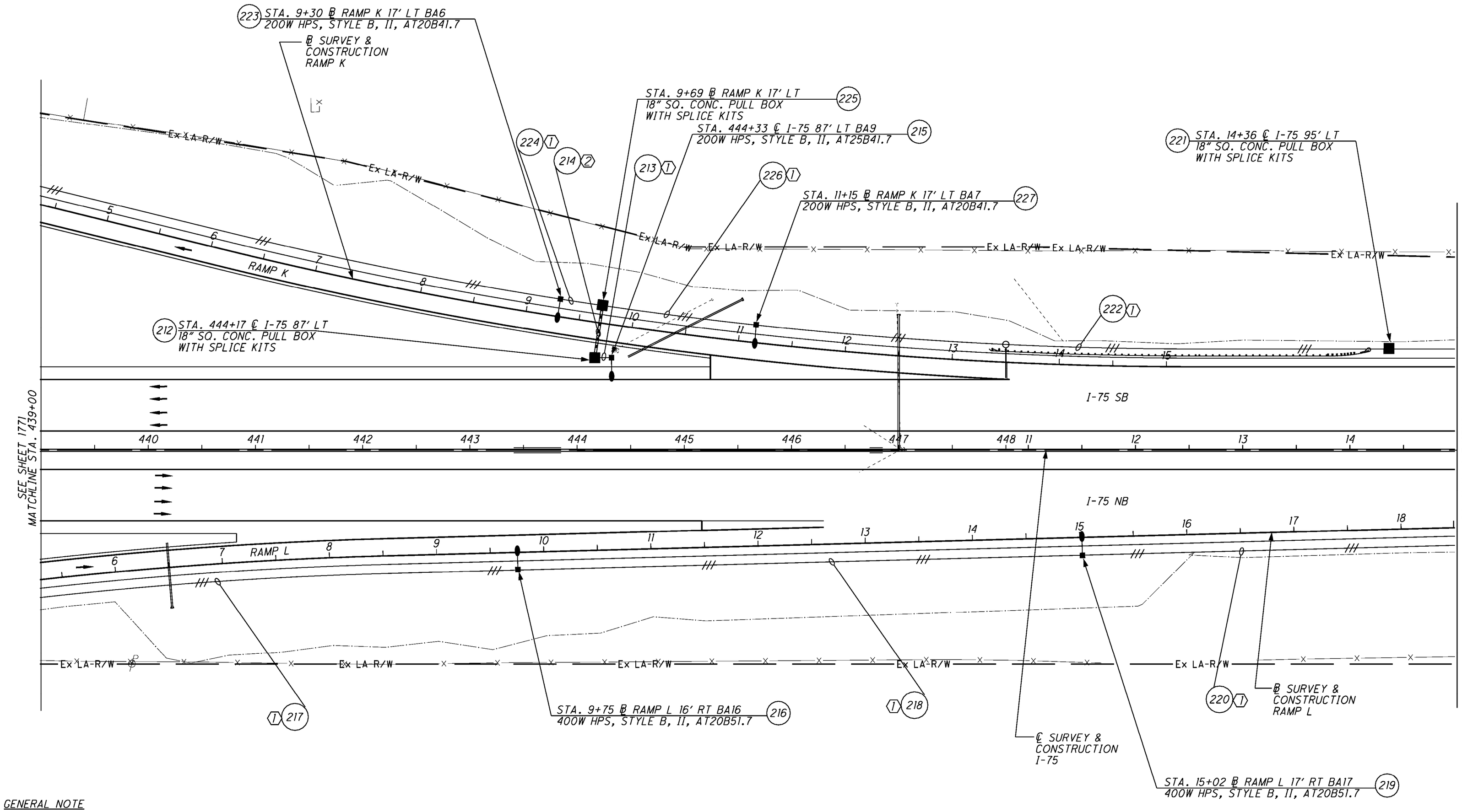

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

1. 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.
2. 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75 / SR-123 INTERCHANGE
STA. 439+00 TO STA. 15+00

WAR-75-3.40

1772
2346

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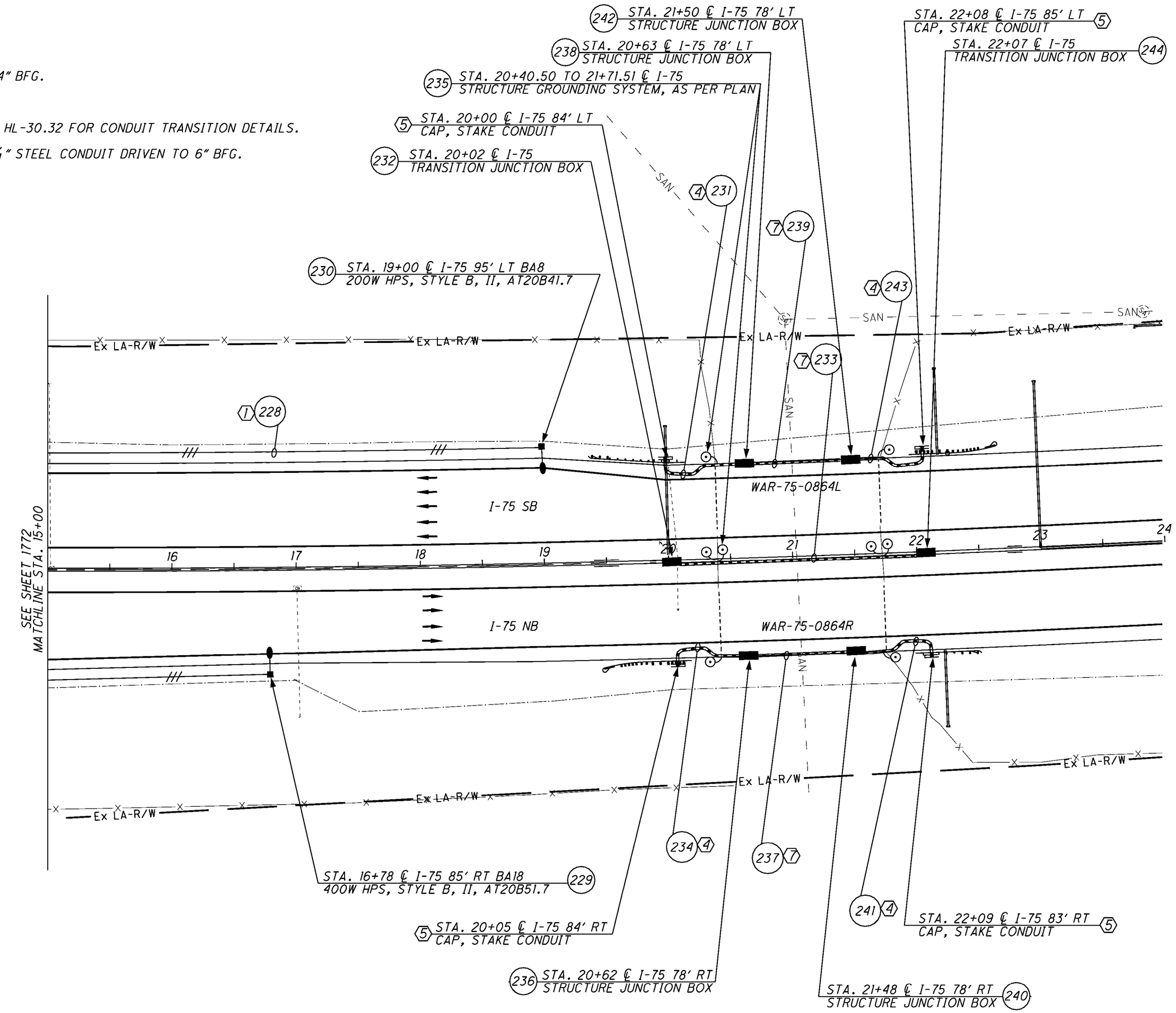
GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

1. 1-1/2" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.
2. TO 3 NOT USED.
4. EMPTY 2" RGS C., 725.04, WITH PULL WIRE. SEE SCD HL-30.32 FOR CONDUIT TRANSITION DETAILS.
5. CAP CONDUIT AT 24" BFG AND STAKE CONDUIT WITH 3/4" STEEL CONDUIT DRIVEN TO 6" BFG.
6. NOT USED.
7. EMPTY 2" RGS C., 725.04, WITH PULL WIRE.



HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-123 INTERCHANGE
STA. 15+00 TO STA. 24+00

WAR-75-3.40

1773
2346

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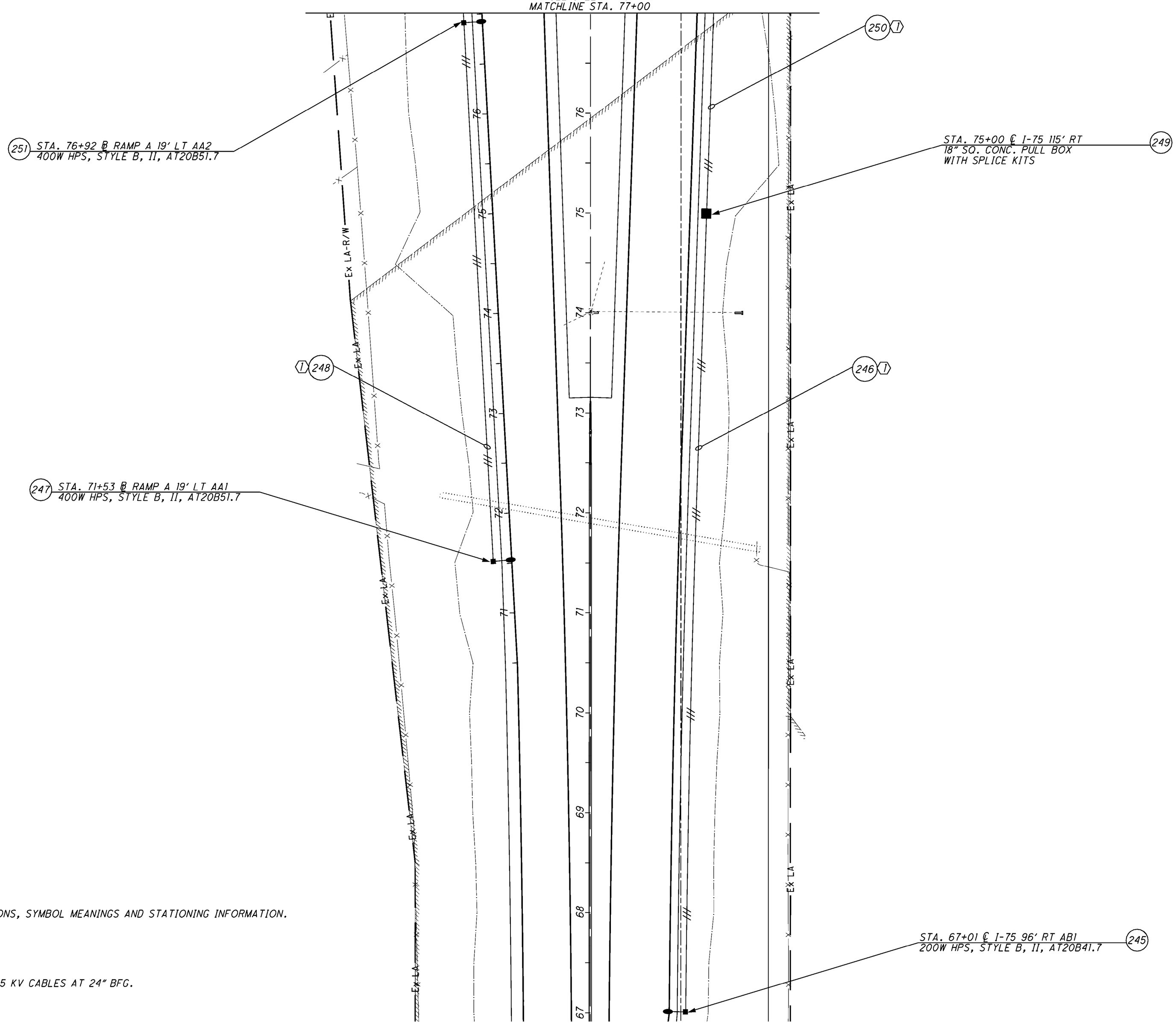

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTE

1 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-73 INTERCHANGE
STA. 67+00 TO STA. 77+00

WAR-75-3.40

1774
2346

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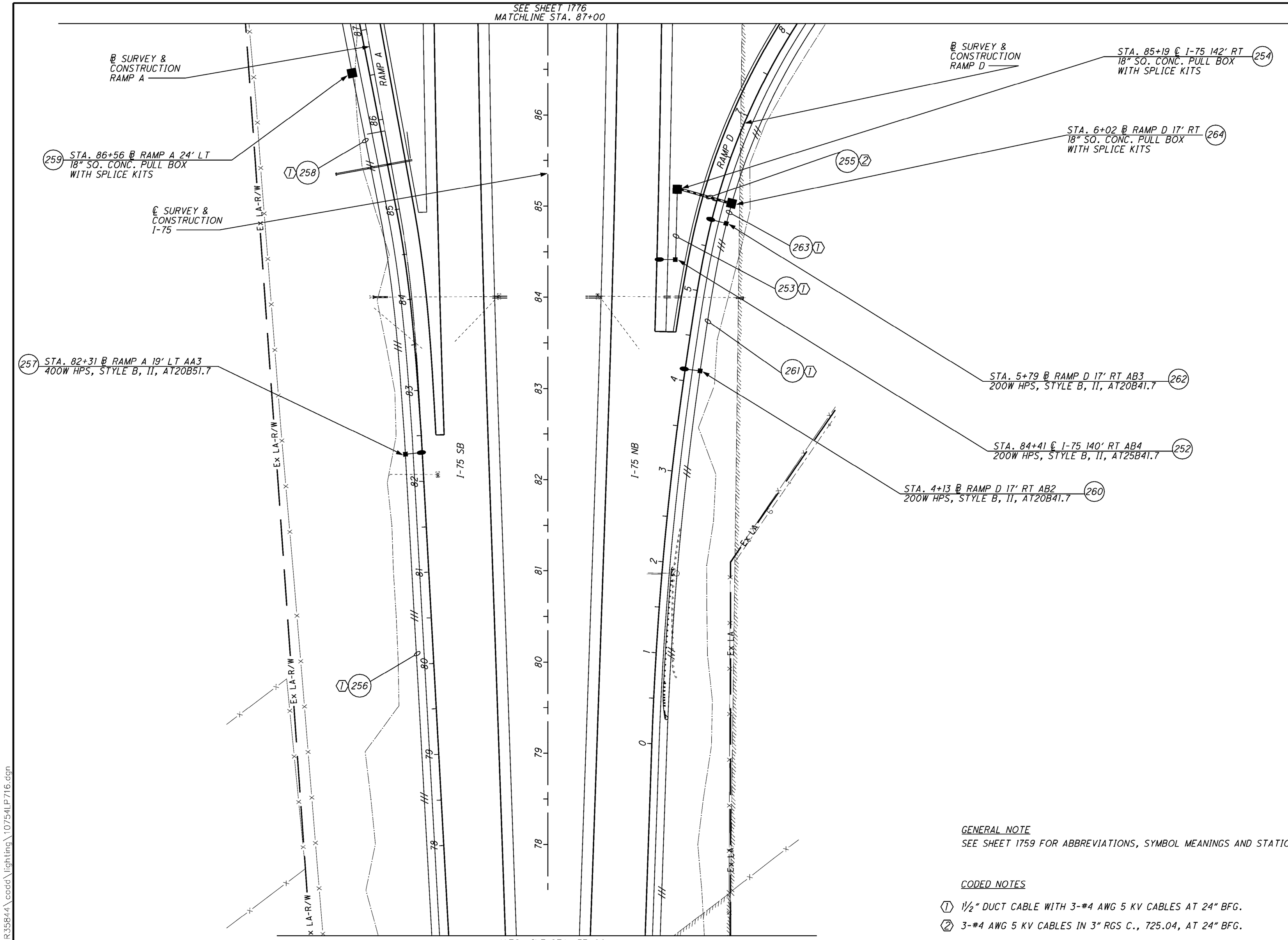
SEE SHEET 1776
MATCHLINE STA. 87+00



(259) STA. 86+56 ℄ RAMP A 24' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(1) (258)

(257) STA. 82+31 ℄ RAMP A 19' LT AA3
400W HPS, STYLE B, II, AT20B51.7

(1) (256)

(254) STA. 85+19 ℄ I-75 142' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(264) STA. 6+02 ℄ RAMP D 17' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(2) (255)

(1) (263)

(1) (253)

(1) (261)

(262) STA. 5+79 ℄ RAMP D 17' RT AB3
200W HPS, STYLE B, II, AT20B41.7

(252) STA. 84+41 ℄ I-75 140' RT AB4
200W HPS, STYLE B, II, AT25B41.7

(260) STA. 4+13 ℄ RAMP D 17' RT AB2
200W HPS, STYLE B, II, AT20B41.7

MATCHLINE STA. 77+00
SEE SHEET 1774

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

(1) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.

(2) 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.

HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-73 INTERCHANGE
STA. 77+00 TO STA. 87+00

WAR-75-3.40

1775
2346

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SEE SHEET 1777
MATCHLINE STA. 97+15

℄ SURVEY & CONSTRUCTION RAMP B

STA. 20+52 ℄ RAMP C 49' RT
18" SQ. CONC. PULL BOX WITH SPLICE KITS (308)

STA. 20+52 ℄ RAMP C 17' RT
18" SQ. CONC. PULL BOX WITH SPLICE KITS (306)

STA. 95+86 (1)(1) (307)
(5) ℄ I-75 184' RT
CAP, STAKE CONDUIT

STA. 22+92 ℄ SR-73 75' LT
18" SQ. CONC. PULL BOX WITH SPLICE KITS (291)

STA. 95+19 ℄ I-75 178' RT
STRUCTURE JUNCTION BOX (275)

STA. 94+09 ℄ I-75 178' RT
STRUCTURE JUNCTION BOX (273)

STA. 93+23.15 TO
94+87.15 ℄ I-75
STRUCTURE GROUNDING SYSTEM, AS PER PLAN (271)

(280) (1)

(5) STA. 93+52 ℄ I-75 185' RT
CAP, STAKE CONDUIT

(5) STA. 93+72 ℄ I-75 148' LT
CAP, STAKE CONDUIT

STA. 93+04 ℄ I-75 141' LT
STRUCTURE JUNCTION BOX (269)

(7) (267)

(1) (286)

(1) (287)

(4) (265)

(278) (1)

(281) (22)

(284) (2)

(1) (283)

STA. 14+88 ℄ SR-73 88' LT
18" SQ. CONC. PULL BOX WITH SPLICE KITS (279)

STA. 14+95 ℄ SR-73 73' RT
18" SQ. CONC. PULL BOX WITH SPLICE KITS (282)

STA. 14+74 ℄ SR-73 85' LT AA5
310W HPS, STYLE B, II, AT15B51.7 (272)

℄ SURVEY & CONSTRUCTION RAMP A

Ex LA-R/W

Ex LA

SAN

RAMP A

RAMP B

WAR-75-1002L

WAR-75-1002R

I-75 SB

I-75 NB

℄ SURVEY & CONSTRUCTION SR-73

Ex LA

(292) (1)(1)

SR-73

(276) (4)

(293) (2)

(274) (7)

(272) (4)

(270) (4)

STA. 22+92 ℄ SR-73 79' RT
18" SQ. CONC. PULL BOX WITH SPLICE KITS (294)

(290) (1)

STA. 22+40 ℄ SR-73 80' RT AA10
200W HPS, STYLE B, II, AT20B41.7 (289)

(301) STA. 1+85 ℄ RAMP C 18' RT AB8
200W HPS, STYLE B, II, AT25B41.7

STA. 92+01.88 TO
93+65.88 ℄ I-75
STRUCTURE GROUNDING SYSTEM, AS PER PLAN (268)

STA. 91+95 ℄ I-75 141' LT
STRUCTURE JUNCTION BOX (266)

STA. 91+24 ℄ I-75 147' LT
CAP, STAKE CONDUIT (5)

STA. 17+04 ℄ SR-73 43' RT AA4
310W HPS, STYLE B, II, AT15B51.7 (288)

STA. 16+85 ℄ SR-73 73' RT
18" SQ. CONC. PULL BOX WITH SPLICE KITS (285)

℄ SURVEY & CONSTRUCTION I-75

(295) (1)

(1) (298)

(2) (297)

(1) (302)

(300) (1)

(304) (1)

℄ SURVEY & CONSTRUCTION RAMP C

RAMP C

STA. 2+92 ℄ RAMP C 17' RT (303)
18" SQ. CONC. PULL BOX WITH SPLICE KITS

(296) STA. 26+06 ℄ SR-73 46' RT
18" SQ. CONC. PULL BOX WITH SPLICE KITS

(299) STA. 26+65 ℄ SR-73 45' RT AB6
200W HPS, STYLE B, II, AT20B41.7

(305) STA. 3+75 ℄ RAMP C 17' RT AB7
200W HPS, STYLE B, II, AT20B41.7

(310) STA. 21+72 ℄ RAMP D 57' LT
18" SQ. CONC. PULL BOX WITH SPLICE KITS

(309) STA. 14+23 ℄ RAMP D 16' RT
18" SQ. CONC. PULL BOX WITH SPLICE KITS

(312) (1)

RAMP D

℄ SURVEY & CONSTRUCTION RAMP D

(311) (1)

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

Ex CH

CODED NOTES

(1) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.

(2) 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04 AT 24" BFG.

(3) NOT USED.

(4) EMPTY 2" RGS C., 725.04, WITH PULL WIRE. SEE SCD HL-30.32 FOR CONDUIT TRANSITION DETAILS.

(5) CAP CONDUIT AT 24" BFG AND STAKE CONDUIT WITH ¾" STEEL CONDUIT DRIVEN TO 6" BFG.

(6) NOT USED.

(7) EMPTY 2" RGS C., 725.04, WITH PULL WIRE.

(8) TO (20) NOT USED.

(21) 5-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, JACKED AND DRILLED UNDER PAVEMENT.

(22) 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, JACKED AND DRILLED UNDER PAVEMENT.

MATCHLINE STA. 87+00
SEE SHEET 1775

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HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-73 INTERCHANGE
STA. 87+00 TO STA. 97+15

WAR-75-3.40

1776
2346

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Ex R/W
Ex LA
607
608
609
610
611
612
613
614
615
616
RAMP B
I-75 SB
I-75 NB
98
99
100
101
102
103
104
105
106
MATCHLINE STA. 97+15
SEE SHEET 1776
SEE SHEET 1778
MATCHLINE STA. 107+00
Ex CH
SR-73
RAMP D
BEG. IR 75
℄ SURVEY & CONSTRUCTION I-75
℄ SURVEY & CONSTRUCTION RAMP B
℄ SURVEY & CONSTRUCTION SR-73

(333) STA. 614+36 ℄ RAMP B 30' LT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

STA. 607+03 ℄ RAMP B 31' LT (329)
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

STA. 615+79 ℄ RAMP B 30' LT AA8 (335)
200W HPS, STYLE B, II, AT20B41.7

STA. 105+08 ℄ I-75 158' RT AB11 (324)
400W HPS, STYLE B, II, AT20B51.7

STA. 104+76 ℄ I-75 147' LT AA7 (323)
200W HPS, STYLE B, II, AT25B41.7

STA. 103+07 ℄ I-75 161' RT (317)
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

STA. 104+38 ℄ I-75 147' LT (320)
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

(327) STA. 28+58 ℄ SR-73 50' RT AB5
310W HPS, STYLE B, II, AT20B51.7

STA. 613+78 ℄ RAMP B 30' LT AA6 (331)
200W HPS, STYLE B, II, AT20B41.7

(337) STA. 21+72 ℄ RAMP D 25' RT
18" SQ. CONC. PULL BOX
WITH SPLICE KITS

STA. 99+70 ℄ I-75 165' RT AB10 (313)
400W HPS, STYLE B, II, AT20B51.7

(326) STA. 26+61 ℄ SR-73 46' LT AB9
310W HPS, STYLE B, II, AT20B51.7

(314) (1)
(315) (1)
(316) (1)
(318) (1)
(319) (1)
(325) (1)
(330) (1)
(332) (1)
(321) (1)
(334) (1)
(322) (2)
(336) (2)
(328) (1)

GENERAL NOTE
SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTES

(1) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.
(2) 3-#4 AWG 5 KV CABLES IN 3" RGS C., 725.04, AT 24" BFG.

1777
2346

WAR-75-3.40

I-75/SR-73 INTERCHANGE
STA. 97+15 TO STA. 107+00

CALCULATED MTY
CHECKED TEB

0 50
25 100
HORIZONTAL SCALE IN FEET

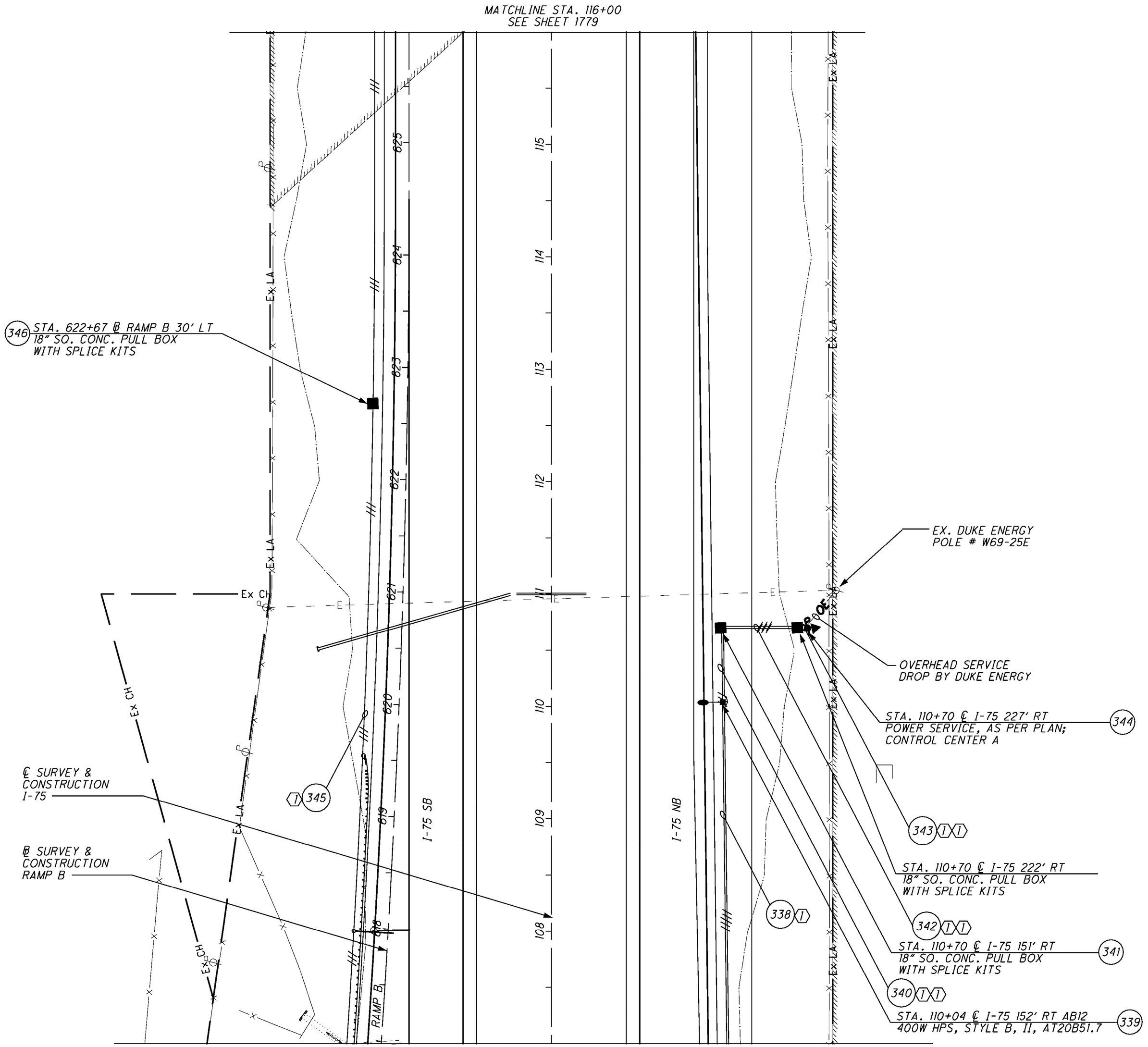
N

GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTE

(1) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.



HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-73 INTERCHANGE
STA. 107+00 TO STA. 116+00

WAR-75-3.40

1778
2346

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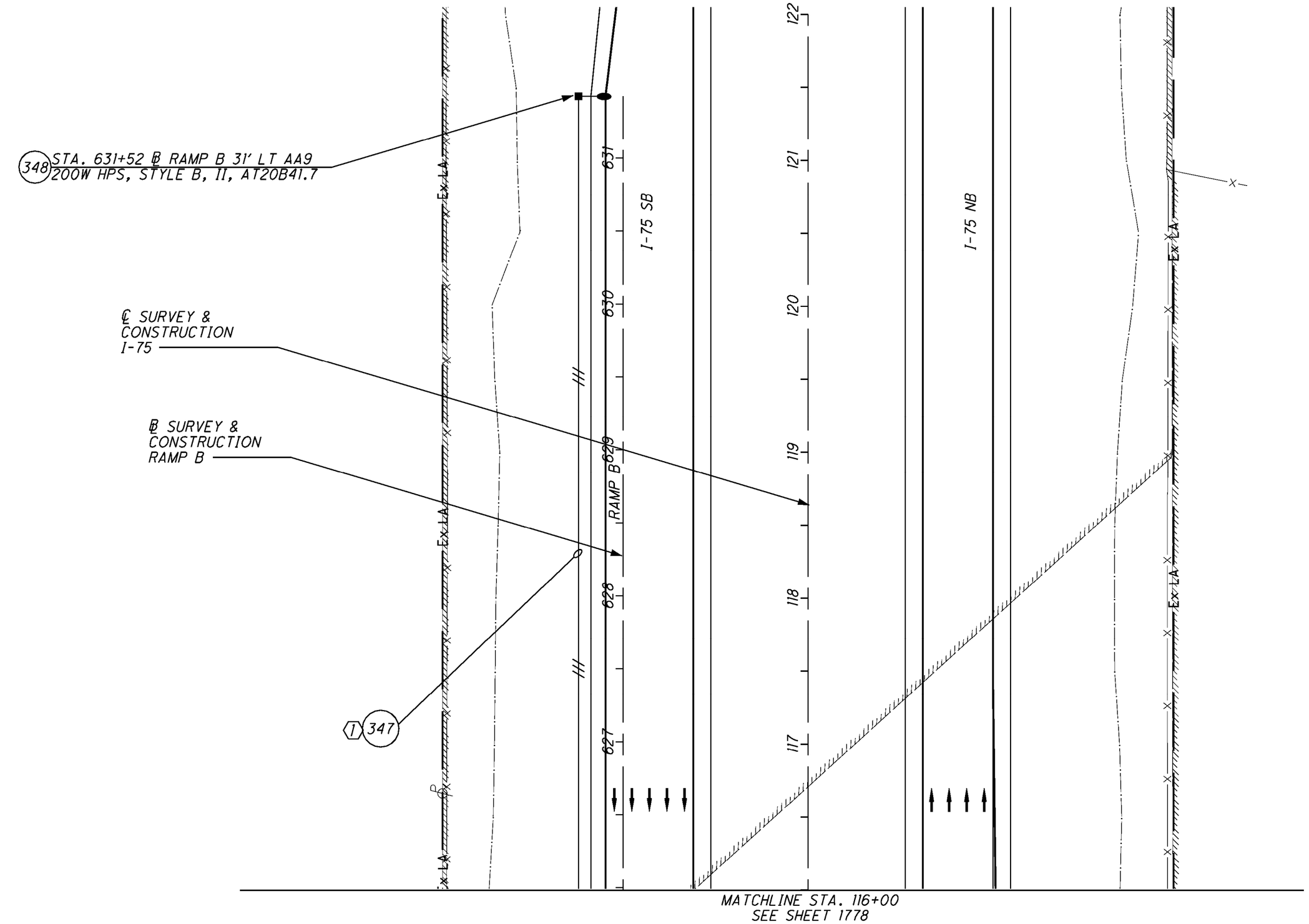
GENERAL NOTE

SEE SHEET 1759 FOR ABBREVIATIONS, SYMBOL MEANINGS AND STATIONING INFORMATION.

CODED NOTE

(1) 1½" DUCT CABLE WITH 3-#4 AWG 5 KV CABLES AT 24" BFG.



HORIZONTAL SCALE IN FEET
0 25 50 100

CALCULATED MTY
CHECKED TEB

I-75/SR-73 INTERCHANGE
STA. 116+00 TO STA. 122+00

WAR-75-3.40

1779
2346

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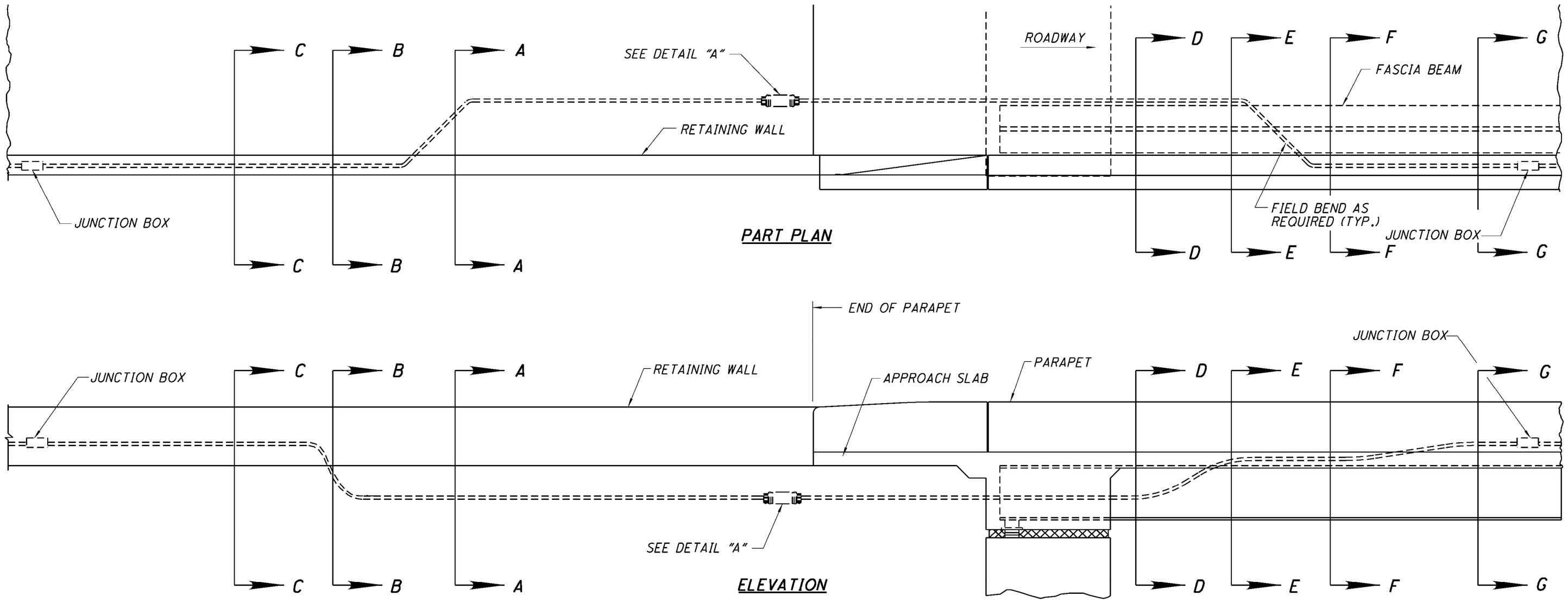
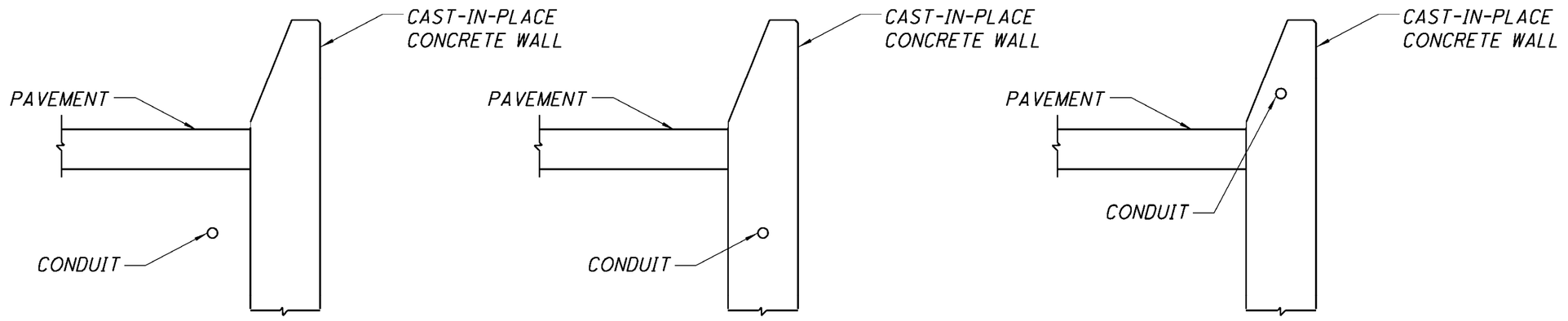


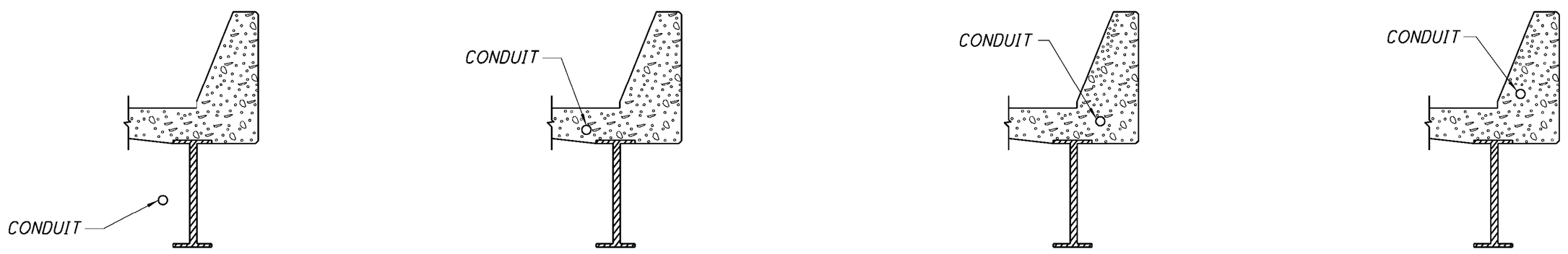
NOTES

1. THE EXPANSION/DEFLECTION FITTING (NEMA 4 RATING) SHALL CONSIST OF IRON OR BRONZE END COUPLINGS IN A HEAVY DUTY NEOPRENE SLEEVE HELD IN PLACE BY STAINLESS STEEL BANDS. A COPPER BRAID BONDING JUMPER SHALL BE INSTALLED INSIDE THE SLEEVE BETWEEN THE END COUPLINGS FOR GROUNDING CONTINUITY.
2. AT THE END OF THE ABUTMENT, PLACE CONDUIT IN CONCRETE WITH THREADS ONLY EXPOSED, COMPACT BACKFILL UP TO LEVEL OF CONDUIT, THEN ATTACH EXPANSION/ DEFLECTION FITTING ALONG WITH REMAINING CONDUIT AND COMPLETE COMPACTION OF BACKFILL.

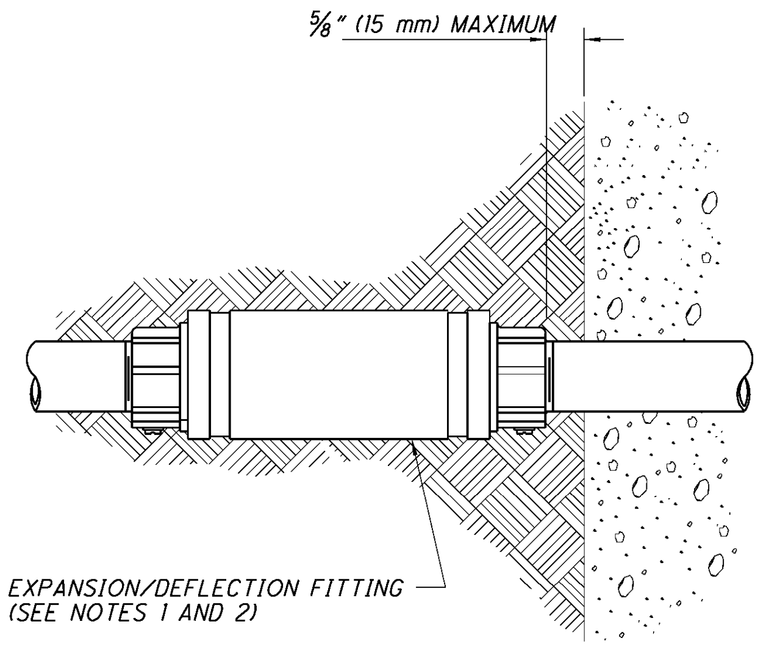
DETAILS OF CONDUIT TRANSITION BETWEEN RETAINING WALL AND RIGHT PARAPET OF WAR-122-0094 STRUCTURE



SECTION A-A | SECTION B-B | SECTION C-C



SECTION D-D | SECTION E-E | SECTION F-F | SECTION G-G



DETAIL "A"

CALCULATED MTY
CHECKED TEB

LIGHTING DETAILS - RETAINING WALL TO STRUCTURE CONDUIT TRANSITION

WAR-75-3.40

1780
2346

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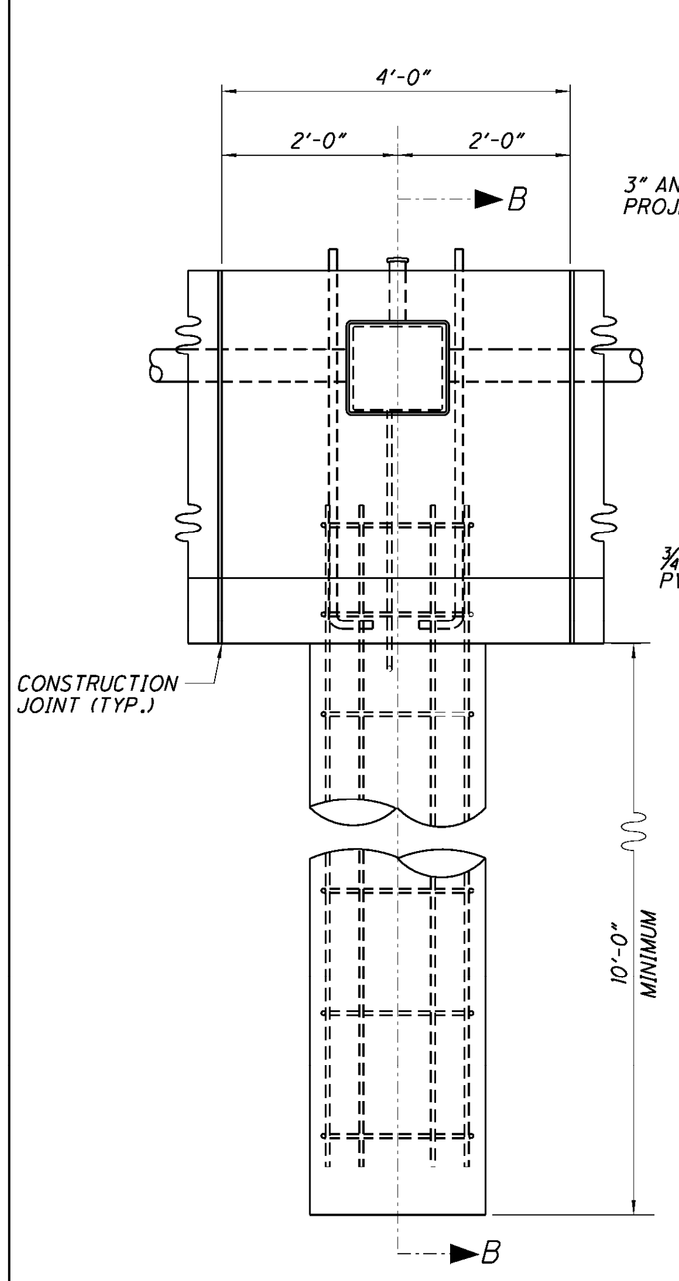
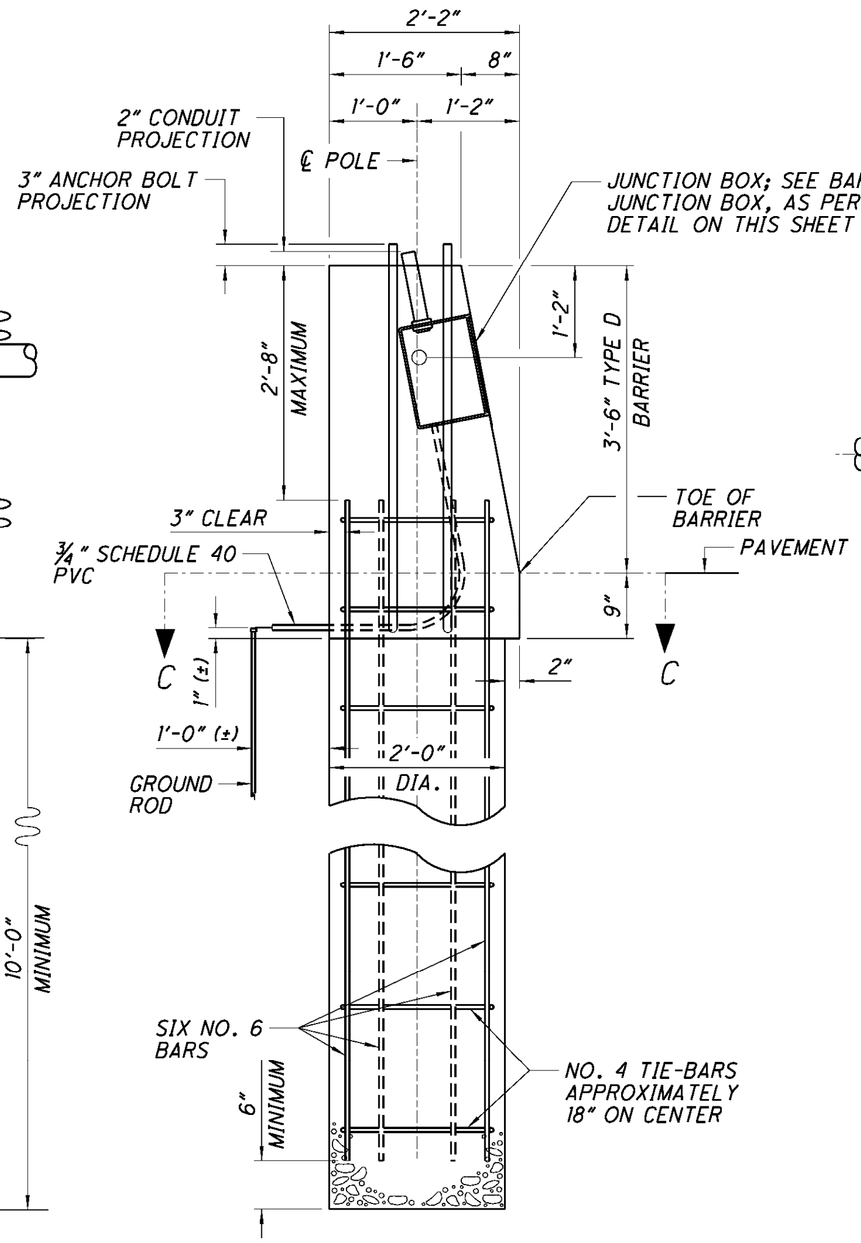
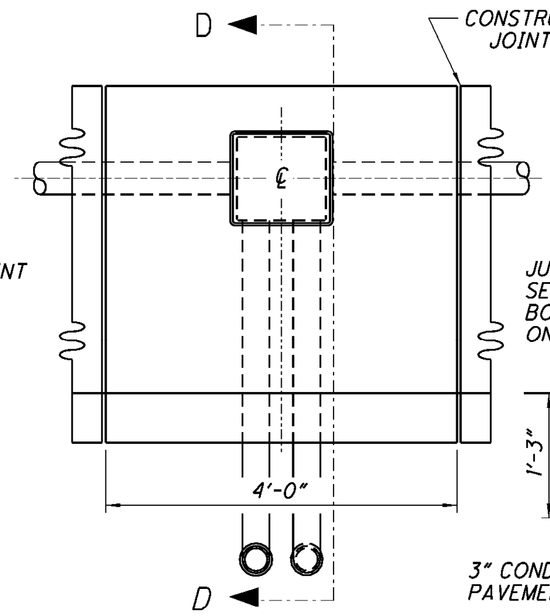
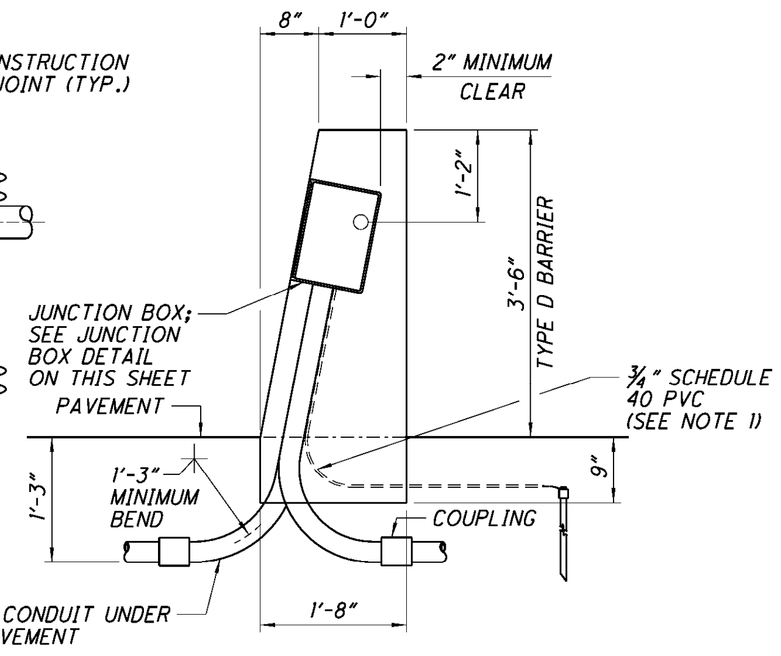


VIEW A-A



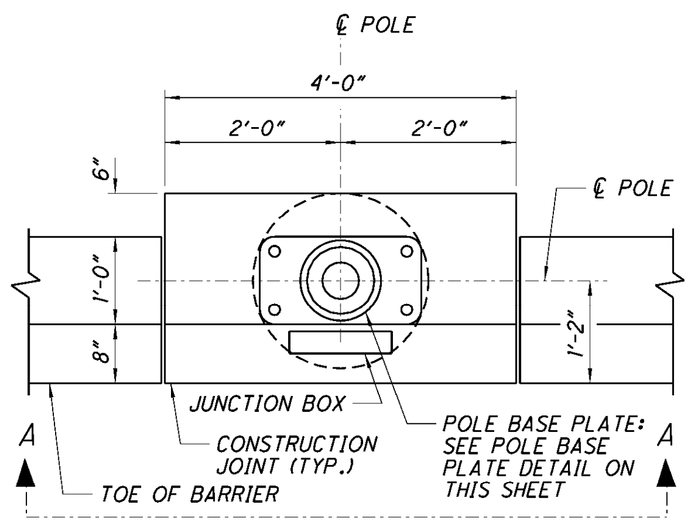
SECTION B-B



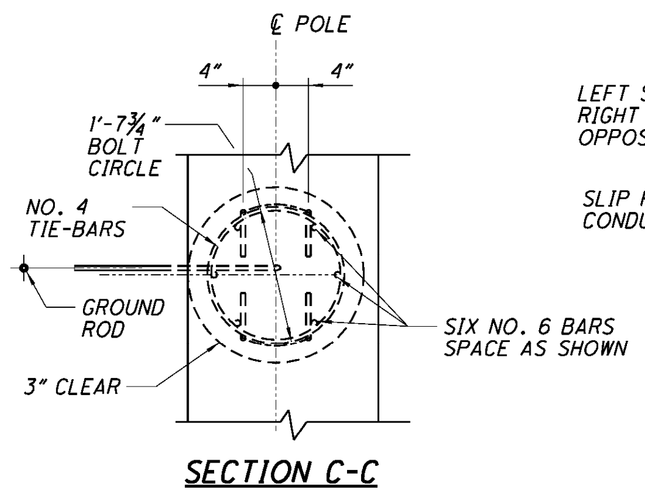


SECTION D-D

BARRIER JUNCTION BOX, AS PER PLAN

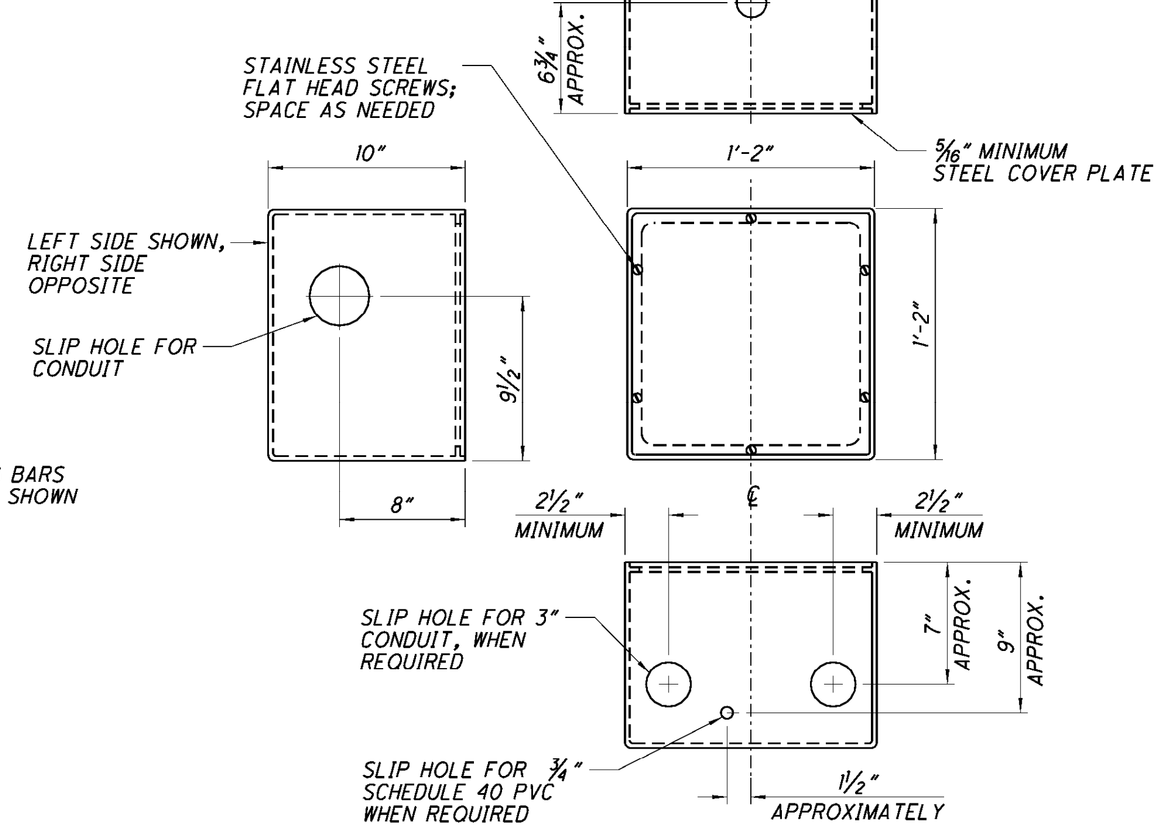


PLAN VIEW

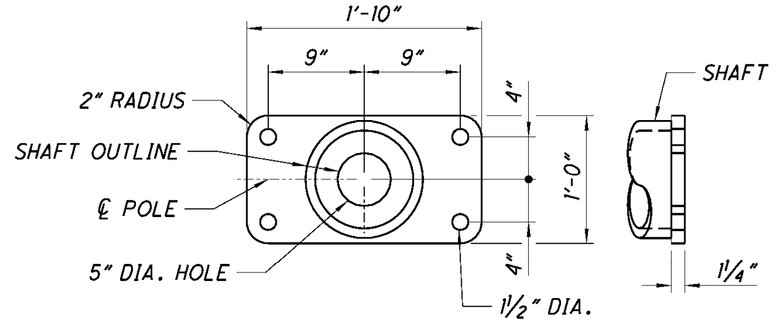


SECTION C-C

BARRIER-MOUNTED LIGHT POLE PILASTER AND FOUNDATION



JUNCTION BOX



POLE BASE PLATE

NOTES:

1. CAST LIGHT POLE PILASTER AND FOUNDATION AS ONE PIECE.
2. CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF 622 AND 625.
3. FOUNDATION TO BE CAST-IN-PLACE CLASS "C" CONCRETE.
4. REINFORCING TO COMPLY WITH AND BE PLACED IN ACCORDANCE WITH 509.
5. LIGHT POLE ANCHOR BOLTS TO BE 1-1/4" (32 mm) DIAMETER X 52" (1320 mm) INCLUDING 6" (150 mm) L-BEND, WITH ONE HEX NUT PER BOLT PROJECTION ABOVE CONCRETE 3" (75 mm), THREAD LENGTH 4" (100 mm) AND GALVANIZED LENGTH 5" (125 mm).
6. MAINTAIN MINIMUM 17 INCH (425 mm) OVERLAP OF ANCHOR BOLTS AND REINFORCEMENT BARS PER AASHTO.
7. THE TOP OF THE CONCRETE BARRIER AND PILASTER SHALL BE FLAT, SMOOTH AND LEVEL TO ELIMINATE NEED FOR LIGHT POLE SHIMS. GRIND SURFACE, IF REQUIRED, TO MAKE CONCRETE LEVEL.
8. REFER TO THE ROADWAY BARRIER STANDARD CONSTRUCTION DRAWING FOR BARRIER DIMENSIONS.
9. JUNCTION BOXES SHALL CONFORM TO 725.10.
10. PROVIDE CONTINUITY OF EQUIPMENT GROUND BETWEEN JUNCTION BOX AND LIGHT POLE.
11. GROUND ROD FOR JUNCTION BOX (NOT LIGHT POLE) MAY BE ELIMINATED IF AT LEAST 33 FEET (10 m) OF UNDERGROUND METAL CONDUIT IS CONNECTED TO THE BOX.
12. THE UNIT PRICE BID FOR EACH "ITEM 625, LIGHT POLE FOUNDATION, AS PER PLAN," SHALL BE FULL COMPENSATION FOR FURNISHING AND PLACING CONCRETE ANCHOR BOLTS, REINFORCING STEEL, JUNCTION BOX SCHEDULE 40 PVC, AND ALL LABOR, MATERIAL, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SPECIFIED.
13. THE UNIT PRICE BID FOR EACH "ITEM 625, BARRIER JUNCTION BOX, AS PER PLAN" SHALL BE FULL COMPENSATION FOR FURNISHING AND PLACING CONCRETE, JUNCTION BOX, CONDUIT ELLS, AND ALL LABOR, MATERIAL, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SPECIFIED.
14. DOWEL FOUNDATION OR JUNCTION BOX SECTION TO ADJACENT BARRIER WITH NO. 6 BARS SPACED EVENLY ON APPROXIMATELY 12" (300 mm) CENTERS ALONG VERTICAL CENTERLINE. TOP DOWEL TO BE APPROXIMATELY 6" (150 mm) BELOW TOP OF BARRIER AND BOTTOM DOWEL APPROXIMATELY 6" (150 mm) ABOVE BOTTOM OF BARRIER.

CALCULATED MTY
CHECKED TEB

LIGHTING DETAILS - BARRIER-MOUNTED LIGHT POLE PILASTER AND FOUNDATION

WAR-75-3.40

1781
2346

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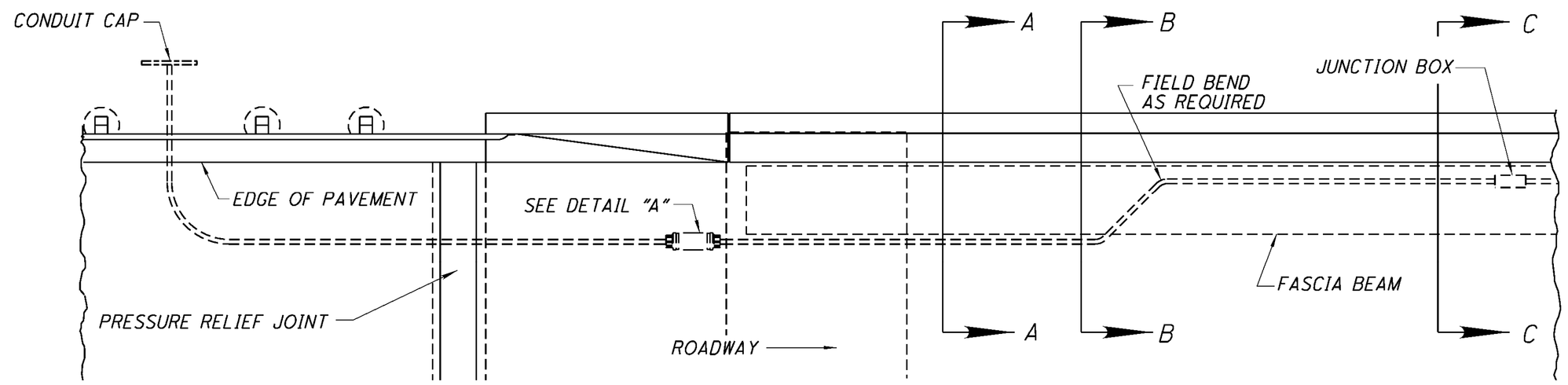
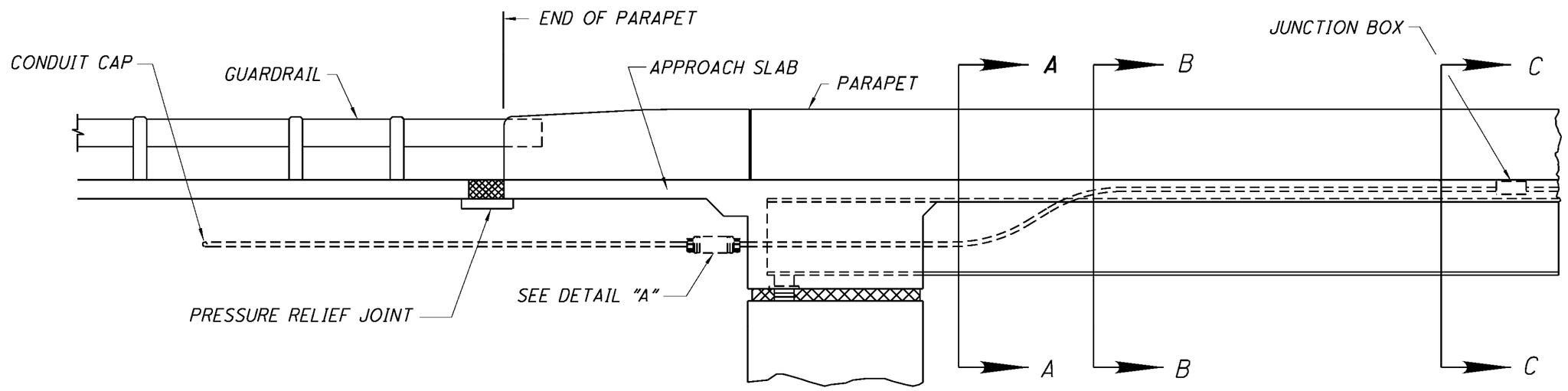
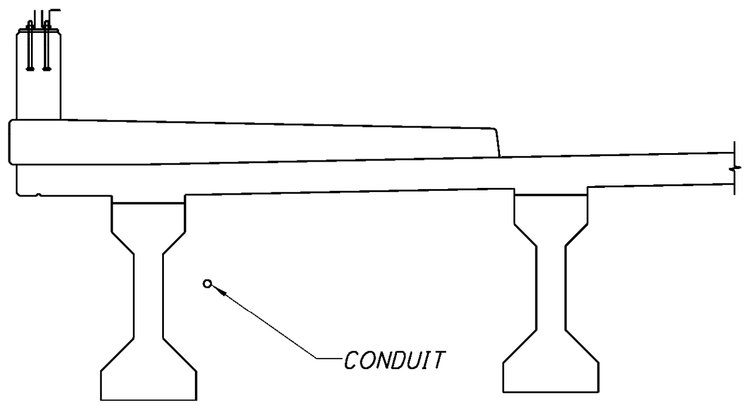


PART PLAN

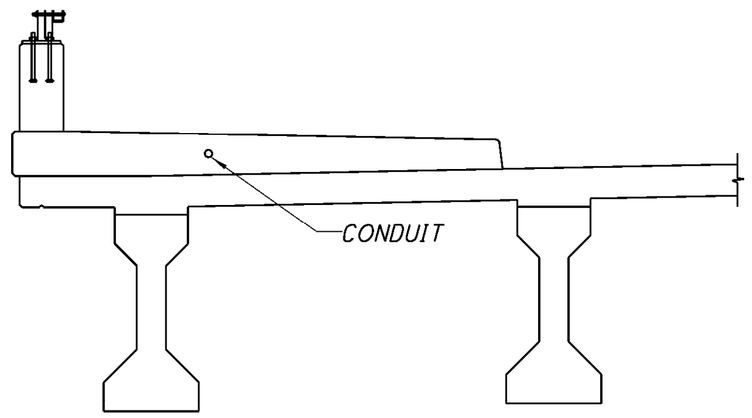


ELEVATION

DETAILS FOR SIDEWALK CONDUIT TRANSITION



SECTION A-A



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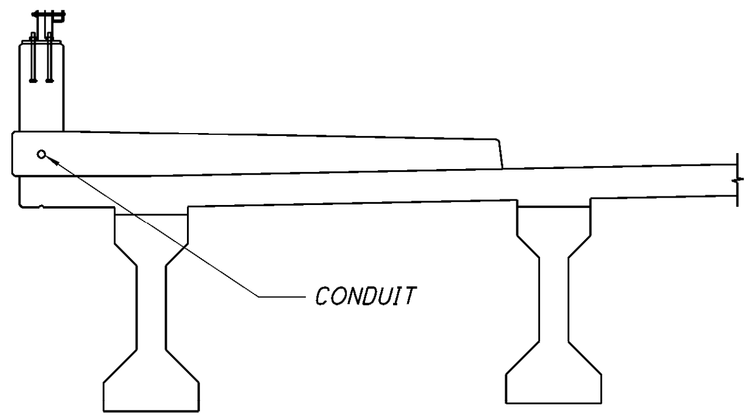

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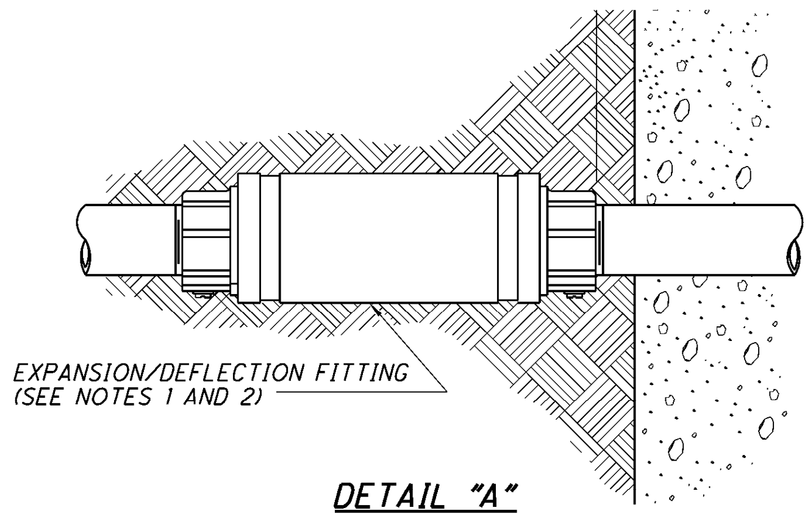


DETAIL "A"

CONTROL CENTER DATA								
CONTROL CENTER	POWER SERVICE	TOTAL CONNECTED LOAD - KVA	SERVICE ENTRANCE CONDUCTOR SIZE	ENCLOSURE TYPE	CIRCUIT NUMBER	CIRCUIT AMPS	CIRCUIT FUSE SIZE	MAINTAINING AGENCY
A	240/480V, SINGLE-PHASE, 3-WIRE	23.2 KVA	NO. 4 AWG	POLE-MOUNTED	AA	8.1 A	15 A	OHIO DEPARTMENT OF TRANSPORTATION
					AB	9.3 A	15 A	
B	240/480V, SINGLE-PHASE, 3-WIRE		NO. 4 AWG	POLE-MOUNTED	BA	13.0 A	25 A	
C	240/480V, SINGLE-PHASE, 3-WIRE		NO. 4 AWG	POLE-MOUNTED	CA	6.6 A	15 A	
					CB	11.34 A	25 A	

NOTES

1. THE EXPANSION/DEFLECTION FITTING (NEMA 4 RATING) SHALL CONSIST OF IRON OR BRONZE END COUPLINGS IN A HEAVY DUTY NEOPRENE SLEEVE HELD IN PLACE BY STAINLESS STEEL BANDS. A COPPER BRAID BONDING JUMPER SHALL BE INSTALLED INSIDE THE SLEEVE BETWEEN THE END COUPLINGS FOR GROUNDING CONTINUITY.
2. AT THE END OF THE ABUTMENT, PLACE CONDUIT IN CONCRETE WITH THREADS ONLY EXPOSED, COMPACT BACKFILL UP TO LEVEL OF CONDUIT, THEN ATTACH EXPANSION/ DEFLECTION FITTING ALONG WITH REMAINING CONDUIT AND COMPLETE COMPACTION OF BACKFILL.

CALCULATED MTY
CHECKED TEB

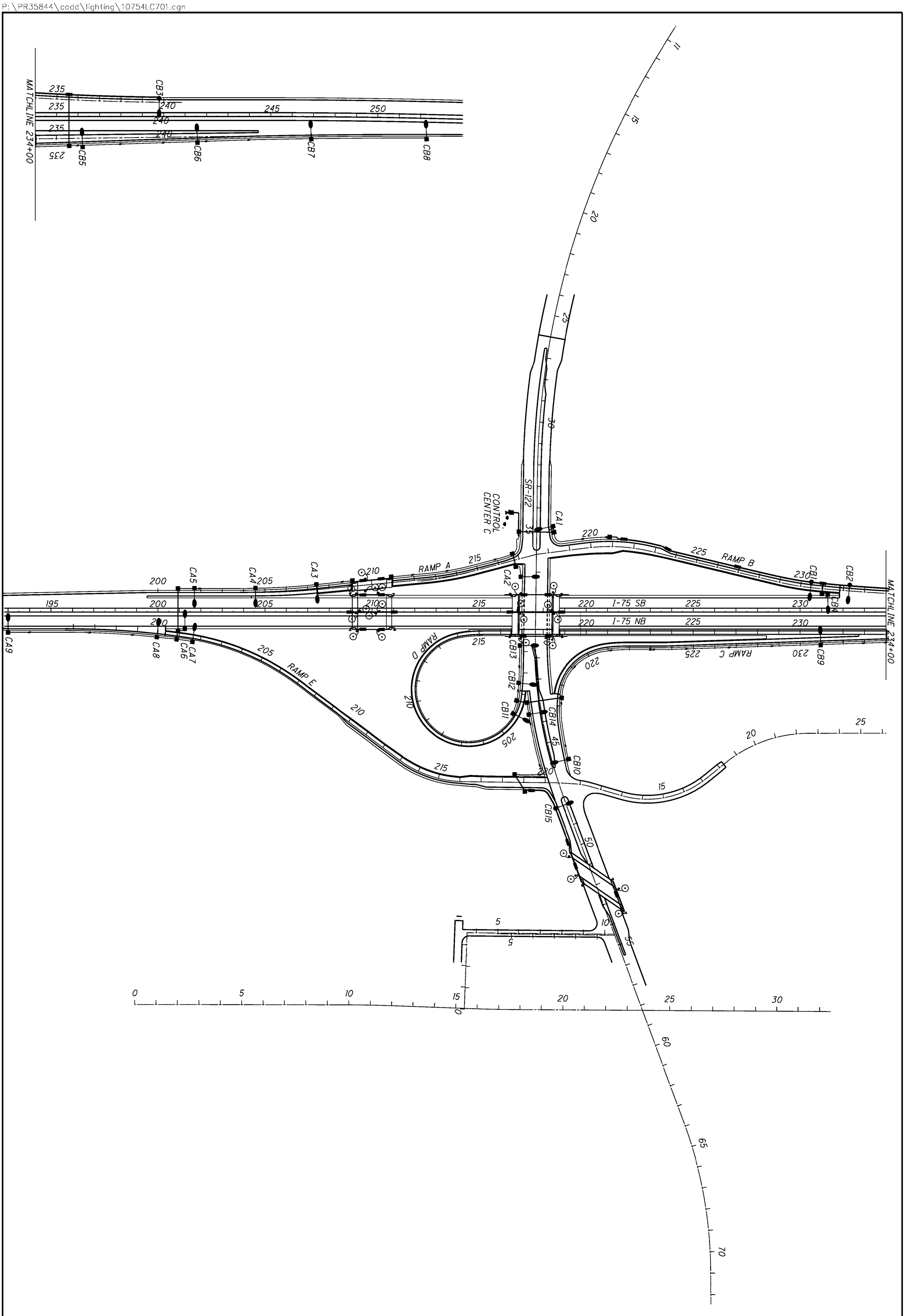
LIGHTING DETAILS - WAR-122-0094
SIDEWALK CONDUIT TRANSITION

WAR-75-3.40

1782
2346

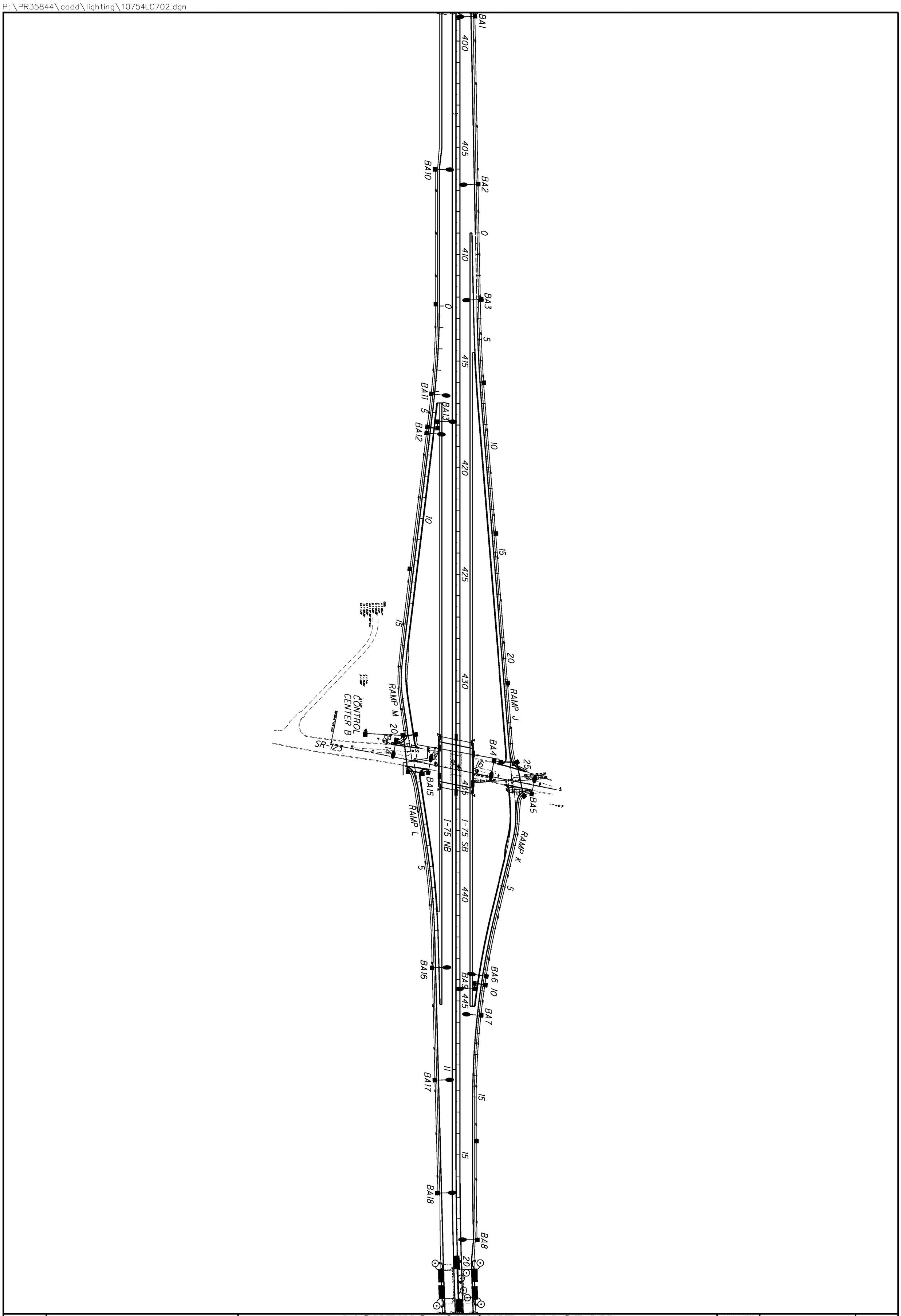
P:\PR35844\cadd\lighting\10754LD703.dgn

P:\PR35844\cadd\lighting\10754LC701.cgn



1783 / 2346	WAR-75-3.40	LIGHTING CIRCUIT DIAGRAM I-75/SR-122 INTERCHANGE CONTROL CENTER C	CALCULATED MTY CHECKED TEB	0 200 100 400 HORIZONTAL SCALE IN FEET

P:\PR35844\cadd\lighting\10754LC702.dgn



1784 2346	WAR-75-3.40	LIGHTING CIRCUIT DIAGRAM I-75/SR-123 INTERCHANGE CONTROL CENTER B	CALCULATED MTY CHECKED TEB	0 200 100 400 HORIZONTAL SCALE IN FEET

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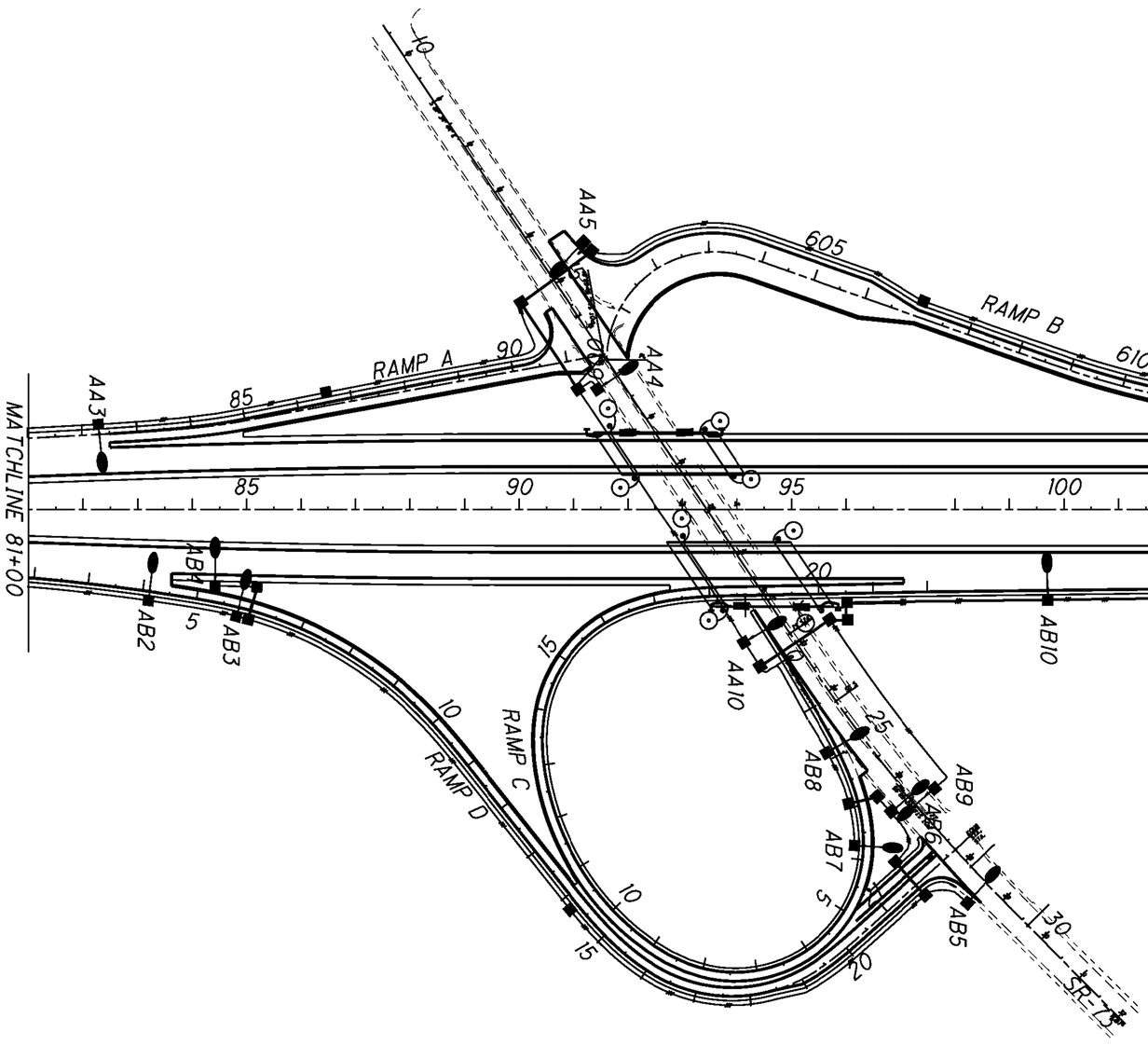

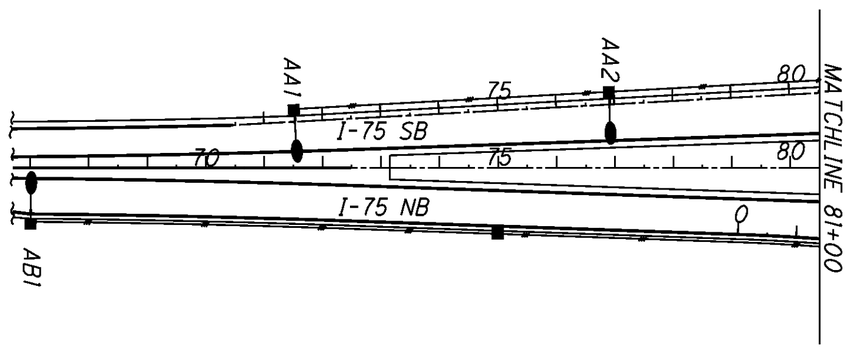

1784A 2346	WAR-75-3.40	LIGHTING CIRCUIT DIAGRAM I-75/SR-73 INTERCHANGE CONTROL CENTER A	CALCULATED MTY / CHECKED TEB	0 200 100 400 HORIZONTAL SCALE IN FEET