GENERAL NOTES

1. SPARE CONDUIT AT MAINLINE AND ARTERIAL ROAD PAVEMENT CROSSINGS SHALL BE CAPPED AT BOTH ENDS.

2. PRIOR TO ANY EQUIPMENT ORDER, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL EQUIPMENT SPECIFICATION OR DESIGN DATA FOR ALL MATERIAL PROPOSED FOR THE PROJECT. THESE MUST SPECIFICALLY INCLUDE:
   A) LUMINAIRE PHOTOMETRICS
   B) POLE STRENGTH CALCULATIONS
   C) POLE FRANGIBILITY TEST
   D) BOLT SPECIFICATIONS AND BOLT CIRCLE DIAMETER
   E) POLE SHOP DRAWINGS
   F) LOAD CENTER ELECTRICAL EQUIPMENT

3. UTILITY OWNERS:

   NOTE TO DESIGNERS

   LIST ALL UTILITY OWNERS AFFECTED BY THIS PROJECT PER EXAMPLE BELOW:

   MRS. JEANNIE A. TALHOUK, FLORIDA POWER CORP.,: 4121 ST. LAWRENCE DRIVE, NEW PORT RICHEY, FL 34653 (813) 372-5102.

4. THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, ARE APPROXIMATE AND BASED ON THE INFORMATION FURNISHED TO THE ENGINEER BY THE UTILITY OWNER(S) AND ARE SHOWN AS NOTICE TO THE CONTRACTOR THAT UNDERGROUND UTILITIES EXIST. BEFORE EXCAVATING THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY OWNER(S) AND REQUEST THEM TO LOCATE AND STAKE THEIR UNDERGROUND FACILITIES. UTILITIES ARE TO BE ADJUSTED BY OTHERS AS DIRECTED BY THE ENGINEER.

5. THE CONTRACTOR SHALL PROVIDE NOTICE TO THE UTILITY OWNER(S) PER FLORIDA STATUTE 553.851 (1998) AND 556 (1998). THESE STATUTES REQUIRE THAT BEFORE EXCAVATION, NOTICE BE GIVEN TO THE UTILITY OWNER A MINIMUM OF TWO (2) DAYS AND A MAXIMUM OF FIVE (5) DAYS, (EXCLUDING SATURDAY, SUNDAY AND LEGAL HOLIDAYS. NOT ALL UTILITY COMPANIES ARE MEMBERS OF "SUNSHINE" 1-800-432-4770.

6. THE LOCATION OF THE POLES, CONDUCTORS, CONDUITS, JUNCTION BOXES AND SERVICE POLES ARE DIAGRAMMATIC ONLY AND MAY BE SHIFTED BY THE ENGINEER TO ACCOMMODATE LOCAL CONDITIONS AND EXISTING UTILITY LOCATIONS.

7. ALUMINUM POLES, LUMINAIRES AND BASES SHALL BE FABRICATED IN ACCORDANCE WITH AASHTO'S "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" AND SHALL HAVE BEEN TESTED BY FHWA-APPROVED METHODS. CERTIFICATION FOR TESTS SHALL BE SUBMITTED WITH THE SHOP DRAWINGS.

8. SUBMITTAL DATA SHALL INCLUDE COMPUTER PRINTOUT SHOWING HORIZONTAL LUX LEVELS TO BE OBTAINED USING THE SUBMITTED LUMINAIRES ON THIS PROJECT. AT FINAL INSPECTION THE CONTRACTOR SHALL VERIFY THE HORIZONTAL LUX LEVELS ON THE ROADWAY WITH AN APPROVED CURRENTLY CALIBRATED LIGHT METER.

9. ALL ELECTRICAL WORK SHALL MEET ALL REQUIREMENTS OF THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE, THE NATIONAL ELECTRICAL SAFETY CODE AND THE STATE OF FLORIDA D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL COMPONENTS SHALL BE PROPERLY GROUNDED AND BONDED PER N.E.C. REQUIREMENTS.

10. INSTALL LIGHTNING ARRESTORS, PROPERLY GROUNDED, IN POWER (SECONDARY) ENTRANCES.

11. IN ACCORDANCE WITH N.E.C., IDENTIFY ALL CIRCUITS AND EQUIPMENT WITH "LAMACOID TAGS". INSTALL SIMILAR TAGS OF STAINLESS STEEL IDENTIFYING CIRCUIT FOR EACH LUMINAIRE AT ACCESS HANDHOLE FOR EACH POLE.

12. THE CONTRACTOR SHALL NOTIFY _______ (POWER COMPANY'S NAME) ____ AT LEAST 48 HOURS PRIOR TO ANY INSTALLATION THAT IS WITHIN 10 FEET OF ENERGIZED ELECTRICAL CONDUCTORS. _______ (POWER COMPANY'S NAME) ____, AT IT'S OPTION, SHALL ASSIST THE F.D.O.T. CONTRACTOR, COVER UP ENERGIZED CONDUCTORS AT INSTALLATION SITE, OR TAKE OTHER SAFETY PRECAUTIONS AS NECESSARY. EXTREME CAUTION SHALL BE EXERCISED AT ALL TIMES IN PERFORMANCE OF WORK AROUND THE PRIMARY HIGH VOLTAGE COMPONENTS.

13. PULLING INSTRUCTIONS: CONNECT PULLING DEVICES TO COPPER WIRE AND NOT TO JACKET AND MEET MANUFACTURER'S REQUIREMENTS. USE PULLING COMPOND PER MANUFACTURER'S REQUIREMENTS. ALL BENDS SHALL NOT BE LESS THAN RECOMMENDED BY N.E.C. OR N.E.S.C. FOR CABLE USED.

14. CONTRACTOR SHALL STAKE ALL POLE LOCATIONS AND REQUEST UTILITY COMPANIES TO LOCATE AND STAKE UNDERGROUND UTILITIES PRIOR TO EXCAVATING.

15. FURNISH AND INSTALL AN ALUMINUM IDENTIFICATION TAG ON EACH ROADWAY LIGHTING STANDARD. TAGS SHALL BE 2" x 8" IN SIZE WITH BLACK LETTERS ON YELLOW BACKGROUND, ATTACHED WITH RIVETS (NO SCREWS). NUMBERS SHALL BE AS SHOWN ON THE POLE IDENTIFICATION TAG DETAIL. COST OF TAGS SHALL BE INCLUDED IN THE BID ITEMS FOR LIGHT POLE COMPLETE. TAG SHALL BE PLACED 5 FEET ABOVE GRADE.

16. THE CONTRACTOR HAS THE OPTION TO USE EITHER THE CONCRETE FOUNDATION ON INDEX 17503 OR A SCREW TYPE FOUNDATION. IF THE CONTRACTOR ELECTS TO USE A SCREW TYPE FOUNDATION AS PER THE TECHNICAL SPECIAL PROVISIONS. THE CONTRACTOR SHALL SUBMIT DESIGN CALCULATIONS AND SHOP DRAWINGS BASED ON THE ACTUAL SOIL CONDITIONS AND THE LOCATION OF THE WATER TABLE.

17. ALL CONDUITS UNDER ROADWAY (AND/OR SIDEWALK) SHALL BE INSTALLED PRIOR TO INSTALLATION OF ROADWAY BASE AND SURFACE (OR CONCRETE), EXCEPT WHERE OTHERWISE SPECIFIED IN THE PLANS.

18. JACK AND BORE OPERATIONS IF USED SHALL MEET THE REQUIREMENTS OF F.D.O.T.'S UTILITY ACCOMMODATION GUIDE, (LATEST EDITION).

19. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE IN CLOSE PROXIMITY TO THE LIGHTING POLE FOUNDATIONS OR CONDUIT RUN, AS DETERMINED BY THE ENGINEER, THE CONTRACTOR WILL HAND DIG THE FIRST 4 FEET OF THE HOLE FOR THE POLE FOUNDATION AND CONDUIT RUN.

20. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PROVISIONS THAT REQUIRES THE PREPARATION AND APPROVAL OF AN EROSION CONTROL PLAN THAT ADDRESSES PREVENTION, CONTROL AND ABATEMENT OF WATER POLLUTION. THE COST OF PREPARING AN EROSION CONTROL PLAN IS INCLUDED IN ITEM _______

21. ALL CONDUIT TRENCHES SHALL BE BACKFILLED COMPLETELLY TO PROVIDE SAFE CROSSING BY THE END OF EACH WORKING DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE. THE CONTRACTOR SHALL NOT OPEN ANY AREA THAT CAN NOT BE BACKFILLED IN THE SAME DAY/NIGHT OPERATION.

22. ALL EXCESS DIRT AND DEBRIS EXCAVATED FROM POLE FOUNDATIONS SHALL BE REMOVED DAILY TO AREAS APPROVED BY THE ENGINEER AND PAID FOR UNDER PAY ITEM 715-5AB-CDD.

23. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDE STREETS, PRIVATE AND COMMERCIAL DRIVEWAYS AT ALL TIMES DURING THE CONSTRUCTION OPERATION.

24. THE LIGHTING SYSTEM WILL BE MAINTAINED BY __________ UPON FINAL ACCEPTANCE.

25. UPON FINAL ACCEPTANCE OF THE PROJECT, THE ENGINEER SHALL FORWARD A COMPLETE SET OF AS-BUILT PLANS WITH ALL CHANGES MARKED IN RED TO THE ATTENTION OF: _____________ MAINTENANCE ENGINEER: ___________ (ADDRESS).

26. ANY EXISTING SIGNALIZATION LOOPS SYSTEM DAMAGED DURING THE CONDUIT INSTALLATION SHALL BE REPAIRED. THE COST SHALL BE INCIDENTAL TO ITEM NO. 715-2-112 & 715-2-ABC.

27. WHEN THE SOIL IS EXPOSED, THE CONTRACTOR SHALL PREPARE TEMPORARY STABILIZATION AS SOON AS PRACTICABLE, BUT IN NO CASE SHALL THE TIME BE GREATER THAN SEVEN (7) CALENDAR DAYS.

28. EXISTING LIGHTING EQUIPMENT SOURCES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING DEMOLITION/REMOVAL WORK.

29. ALL POLES MOUNTED ON BRIDGES, RETAINING WALLS OR BARRIER WALLS SHALL HAVE HANDHOLES FACING THE TRAFFIC LANE.

30. ALL PULL BOX METAL COVERS SHALL BE MARKED "STREET LIGHTING" AND SHALL BE PROVIDED WITH A GROUND LUG.

31. CONVENTIONAL LUMINAIRE BRACKET ARMS SHALL BE ATTACHED TO THE POLE SHAFT WITH CAST ALUMINUM BANDS (COLLARS) AND STAINLESS STEEL HARDWARE. THE STANDARD BOLTED TYPE ARE NOT ALLOWED. THE MAXIMUM RISE OF THE BRACKET ARM SHALL NOT EXCEED 1.8 METERS.

32. REFERENCE THE BRIDGE STRUCTURAL PLANS FOR THE EMBEDDED ELECTRICAL ITEMS: CONDUIT, PULL BOX, JUNCTION BOX AND THEIR LOCATIONS.

33. EXTRA CAUTION IS REQUIRED DURING THE CONSTRUCTION OF THE ____________ IN THE VICINITY OF THE ____________ AIRPORT. ALL SIGNING, LIGHT STANDARDS, FENCING, LANDSCAPING, AND OTHER FEATURES MUST NOT PENETRATE THE FEDERAL AVIATION REGULATION (FAR) PART 77 APPROACH OR TRANSITIONAL SURFACE TO RUNWAY ___ OF THE ____________ AIRPORT. THE LIMITS OF THESE SURFACES ARE SHOWN ON THE ROADWAY PLANS. THE CONTRACTOR SHALL LIMIT THE HEIGHT OF ALL CONSTRUCTION EQUIPMENT, INCLUDING CRANES AND OTHER FORMS OF ELEVATED EQUIPMENT OPERATIONS, WITHIN THE LIMITS OF THE APPROACH AND TRANSITIONAL SURFACE TO A MAXIMUM TOP ELEVATION OF ___ THE CONTRACTOR SHALL NOTIFY THE ____________ AIRPORT MANAGER AT LEAST TEN DAYS PRIOR TO STARTING WORK. ALL COSTS TO BE INCLUDED IN PAY ITEM 102-1.

34. A LABEL SHALL BE PROVIDED ON POLES WITH OBSTRUCTION LIGHTS TO INDICATE THAT TWO SEPARATE VOLTAGES ARE PROVIDED AND INSTALLED WITHIN THE LIGHT POLES. ALSO INDICATE THAT THE 120 VOLT CIRCUIT IS "HOT" 24 HOURS A DAY. THE LABEL SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR APPROVAL OF THE WORDING AND PLACEMENT LOCATION.

35. CONDUIT LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. CONDUIT MUST BE PLACED WITHIN THE RIGHT-OF-WAY BUT CAN BE ADJUSTED TO FIT AROUND THE EXISTING AND PROPOSED UTILITIES. WHERE PLANNED LOCATION OF LIGHTING CONDUIT RUNS 30" UNDER PAVEMENT IS FOUND TO CONFLICT WITH UNDERGROUND UTILITIES, THE LIGHTING CONDUIT POSITION SHALL BE ALTERED VERTICALLY OR HORIZONTALLY TO AVOID THE OF CONFLICT AS RECOMMENDED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. A 24" ABSOLUTE MINIMUM DEPTH SHALL BE MAINTAINED WHERE LIGHTING CONDUITS ARE RELOCATED CLOSER THAN 30" BELOW THE GROUND SURFACE AND SHALL BE PLACED IN AN ADDITIONAL 3" PVC SLEEVE OR BACKFILLED WITH A MIN. OF 4" x 4" OF CONCRETE. COST OF SUCH TREATMENT WILL BE INCIDENTAL TO PAY ITEMS PROVIDED.

36. CONTRACTOR SHALL PREPARE ACCURATELY DIMENSIONED "AS BUILT" PLANS OF FINAL POLE, CONTROLLER, CABLE AND CONDUIT LOCATIONS. PLANS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER. COST OF SUCH PREPARATION SHALL BE INCIDENTAL TO PAY ITEMS PROVIDED.

37. ALL SPLICES SHALL BE MADE IN PULL BOXES ONLY WITH COMPRESSION SLEEVES OR SPLIT BOLT CONNECTORS, PROPERLY TAPED AND WATERPROOFED.

38. SPLICES AND CONNECTIONS MADE IN PULL BOXES SHALL BE LIMITED TO THE SERVICE POINT AND CONDUIT JUNCTION WITH MULTI-DIRECTIONAL CONDUITS AS INDICATED ON PLANS. THE CONNECTION MADE AT THESE POINTS SHOULD BE PROPERLY TAPED AND HEAT SHRINK TUBES OR CAPS SHALL BE USED TO WATERPROOF THESE CONNECTIONS.

39. INSPECT ALIGNMENT OF EACH INDIVIDUAL POLE AND FIXTURE AS FOLLOWS:

   POLE ALIGNMENT: WITHIN ONE HALF DEGREE ON VERTICAL +/-. CONFIRM VERTICAL ALIGNMENT, VIEWING FROM ADJACENT SERIES OF POLES, IN BOTH DIRECTIONS.

   FIXTURE ALIGNMENT: WITHIN ONE DEGREE OF HORIZONTAL +/-, USING CALIBRATED LEVEL ALONG BOTH AXES OF CUT-OFF FIXTURE FACE, WITH LENS ONLY; NO FIXTURE REFRACTOR SHALL BE

40. ALL CONDUITS SHALL BE MANDREL TESTED AND CLEANED. CONDUITS PLACED FOR FUTURE USE SHALL HAVE * POLYESTER CORD PULLED IN PLACE AND CAPPED, WITH NOTATION INSIDE CONDUIT AS TO LOCATION OF OPPOSITE END. PLACE DUCT MARKER OR PULL BOXES TO MARK ENDS OF EMPTY CONDUITS.

PAY ITEM NOTES (TO BE PLACED ON THE FIRST TABULATION OF QUANTITIES SHEET)

1. ITEM 620-1: INCLUDE THE COST OF FURNISHING AND INSTALLING MINIMUM 10' OF GROUND ROD AT EACH PULL BOX, MINIMUM 20' OF GROUND ROD AT EACH SERVICE POINT AND PROVIDING GROUNDING OF PULL BOX METAL COVER WITH 24" OF #6 EXTRA FLEXIBLE BARE COPPER CONDUCTOR. THE LENGTH OF THE GROUND ROD SHALL BE SUFFICIENT TO PROVIDE THE MAXIMUM RESISTANCE TO GROUND PER INDEX 17501.

2. ITEM 715-111-104: INCLUDES CONDUCTORS AS INDICATED IN THE PLANS AND THE ROADWAY AND TRAFFIC DESIGN STANDARDS. PAYMENT SHALL BE MADE BASED ON LINEAR METERS OF SINGLE CONDUCTOR.

3. ITEMS 715-2-112 AND 715-2-ABC: THE LINEAR METER PRICE FOR CONDUIT SHALL ALSO INCLUDE THE COST OF RESTORING DAMAGED SIDEWALKS TO IT'S ORIGINAL CONDITION. SOD SHALL BE REPLACED IN LIKE KIND OF THE ADJACENT SURROUNDING.

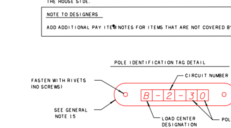
4. ITEM 715-7-11: INCLUDE NEMA 3R SAFETY SWITCH ON LOAD SIDE OF METER, BASE MOUNTED ENCLOSURES, 480-120V CONTROL POWER TRANSFORMER, FUSES, LIGHTNING PROTECTOR ON OUTSIDE OF ENCLOSURE, CONDUIT AND FEEDER CONDUCTORS FROM THE POWER COMPANY POINT OF SERVICE TO THE LOAD CENTER, PULL BOX AND ALL MISCELLANEOUS HARDWARE FOR A COMPLETE INSTALLATION AS PER PLANS AND STANDARD INDEX 17504 DETAIL "A". INCLUDE THE COST OF FURNISHING AND INSTALLING TYPE N-11 CONCRETE POLE AND ALL FEES FOR INSPECTION OF CONNECTION OF THE ELECTRICAL SERVICE.

5. ITEM 715-5AB-CDD: INCLUDES THE POLE, BRACKET ARM, LUMINAIRE WITH LAMP, ANCHOR BOLTS WITH LOCK NUTS AND WASHERS, FRANGIBLE TRANSFORMER TYPE BASE, (EXCEPT FOR POLES MOUNTED ON BRIDGE STRUCTURES, RETAINING WALLS OR BARRIER WALLS, WHICH SHALL HAVE NON-FRANGIBLE BASES) STANDARD FOUNDATION, OR SPECIAL FOUNDATION FOR INDICATED POLES, SODDING AROUND CONCRETE SLAB WHEN NOT IN SIDEWALK, AS INDICATED IN THE ROADWAY AND TRAFFIC DESIGN STANDARDS. THE LUMINAIRE SHALL HAVE A HINGED BALLAST ASSEMBLY ON THE HOUSE SIDE.

NOTE TO DESIGNERS

ADD ADDITIONAL PAY ITEM NOTES FOR ITEMS THAT ARE NOT COVERED BY THE STANDARDS.

POLE IDENTIFICATION TAG DETAIL



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TURNPIKE ENTERPRISE TRAFFIC DESIGN

PAY ITEM AND GENERAL NOTE SHEET ROADWAY LIGHTING DESIGN

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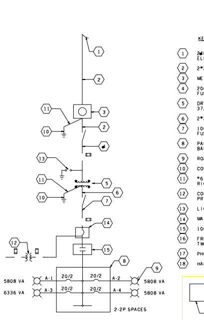
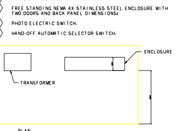
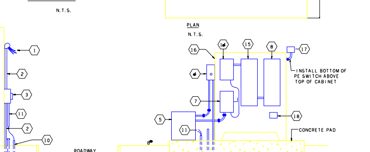
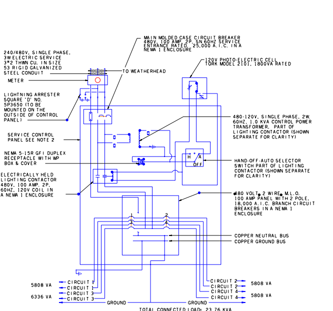


KEYED NOTES:

1. 240/120V SINGLE PHASE 3-WIRE LAKELAND ELECTRIC OVERHEAD SERVICE DROP.
2. 2#2/0 & 1#4 IN SIZE 53 RIGID GALVANIZED STEEL CONDUIT.
3. METER SOCKET BY CONTRACTOR, METER BY LAKELAND ELECTRIC.
4. 200A, 240V, 2-POLE S/N HEAVY DUTY NEMA 3R FUSED SAFETY SWITCH WITH 175A FUSES.
5. DRY-TYPE TRANSFORMER FOR OUTDOOR LOCATION, 37.5 KVA SINGLE PHASE 240V PRIMARY 480/240V SECONDARY.
6. 2#2 & 1#6 IN SIZE 1" GRS CONDUIT.
7. 100A, 600V, 2-POLE S/N HEAVY DUTY NEMA 3R FUSED SAFETY SWITCH WITH 100A FUSES.
8. PANELBOARD, 100A, 480V, SINGLE PHASE, 3-WIRE WITH GROUND BAR CIRCUIT BREAKERS AS INDICATED.
9. ROADWAY LUMINAIRE CONNECTED TO CIRCUIT A-2.
10. COPPER CLAD GROUND ROD *" DIA. 20' LONG.
11. #6 INSULATED COPPER GROUND WIRE IN SIZE 14 RIGID GALVANIZED STEEL.
12. CONTROL TRANSFORMER 1 KVA, SINGLE PHASE, 480V PRIMARY 120V SECONDARY.
13. LIGHTNING ARRESTER.
14. MAIN CIRCUIT BREAKER 100A, 2-POLE, 480V.
15. 100A, 2-POLE, ELECTRICALLY HELD CONTACTOR.
16. FREE STANDING NEMA 4X STAINLESS STEEL ENCLOSURE WITH TWO DOORS AND BACK PANEL DIMENSIONS:
17. PHOTO ELECTRIC SWITCH.
18. HAND-OFF AUTOMATIC SELECTOR SWITCH.







SERVICE POINT SCHEMATIC DETAIL

N.T.S.

(FOR AERIAL SERVICES. CONTROL PANEL MOUNTED ON RISER POLE)

NOTES:

1. ALL WIRING INSIDE SERVICE CONTROL PANEL SHALL BE INSTALLED IN RIGID GALVANIZED STEEL CONDUIT.
2. CONTRACTOR SHALL FURNISH ENCLOSURE SIZED FOR THE EQUIPMENT FURNISHED.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TURNPIKE ENTERPRISE TRAFFIC DESIGN

LOAD CENTER SCHEMATIC ONE LINE DIAGRAM AND SERVICE POINT DETAILS

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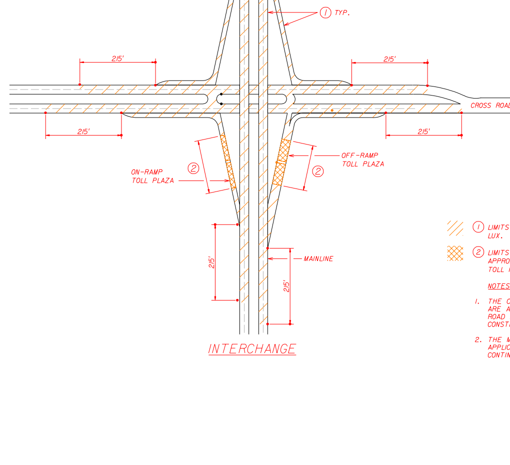

INTERCHANGE

(1) LIMITS OF 16 AVERAGE INITIAL LUX.

(2) LIMITS OF 22 AVERAGE INITIAL LUX ON THE APPROACH AND DEPARTURE OF A RAMP TOLL PLAZA.

NOTES:

1. THE CROSS ROAD LIGHTING LIMITS SHOWN ARE APPLICABLE WHENEVER THE CROSS ROAD IS NOT TO BE ILLUMINATED FROM CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT.
2. THE MAINLINE LIGHTING LIMITS SHOWN ARE APPLICABLE WHENEVER THE MAINLINE IS NOT CONTINUOUSLY ILLUMINATED.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TURNPIKE ENTERPRISE TRAFFIC DESIGN

INTERCHANGE LIGHTING LIMITS

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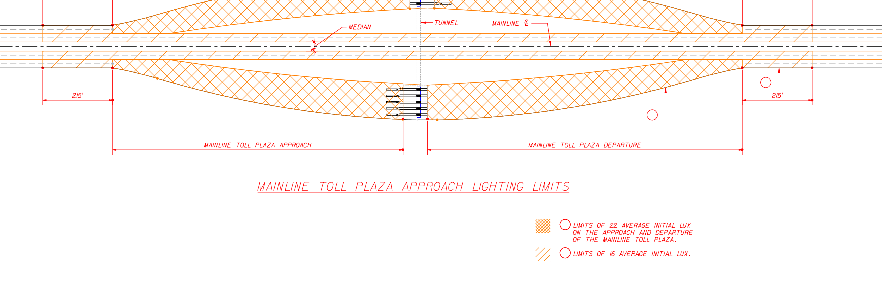

MAINLINE TOLL PLAZA APPROACH LIGHTING LIMITS

( ) LIMITS OF 22 AVERAGE INITIAL LUX ON THE APPROACH AND DEPARTURE OF THE MAINLINE TOLL PLAZA.

( ) LIMITS OF 16 AVERAGE INITIAL LUX.

NOTE:

1. THE MAINLINE LIGHTING LIMITS SHOWN ARE APPLICABLE WHENEVER THE MAINLINE IS NOT CONTINUOUSLY ILLUMINATED.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TURNPIKE ENTERPRISE TRAFFIC DESIGN

MAIN LINE TOLL PLAZA LIGHTING LIMITS

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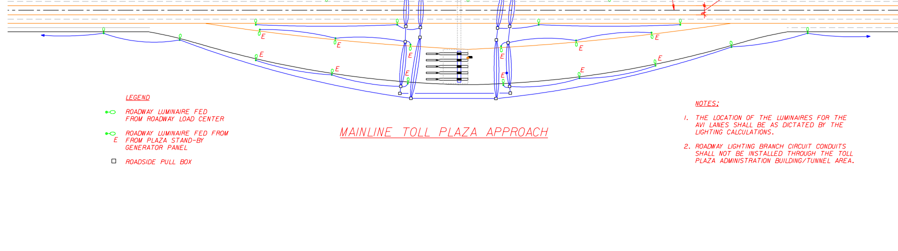

LEGEND

ROADWAY LUMINAIRE FED FROM ROADWAY LOAD CENTER

E ROADWAY LUMINAIRE FED FROM FROM PLAZA STAND-BY GENERATOR PANEL

ROADSIDE PULL BOX

MAINLINE TOLL PLAZA APPROACH

NOTES:

1. THE LOCATION OF THE LUMINAIRES FOR THE AVI LANES SHALL BE AS DICTATED BY THE LIGHTING CALCULATIONS.
2. ROADWAY LIGHTING BRANCH CIRCUIT CONDUITS SHALL NOT BE INSTALLED THROUGH THE TOLL PLAZA ADMINISTRATION BUILDING/TUNNEL AREA.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TURNPIKE ENTERPRISE TRAFFIC DESIGN

MAIN LINE TOLL PLAZA LIGHTING LOCATION

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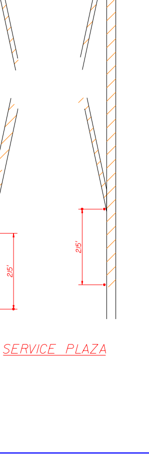

SERVICE PLAZA

(1) LIMITS OF 16 AVERAGE INITIAL LUX.

NOTES:

1. THE MAINLINE LIGHTING LIMITS SHOWN ARE APPLICABLE WHENEVER THE MAINLINE IS NOT CONTINUOUSLY ILLUMINATED.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TURNPIKE ENTERPRISE TRAFFIC DESIGN

SERVICE PLAZA LIGHTING LIMITS

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