

LOCATION MAP

LATITUDE: N 41° 12' 36" LONGITUDE: W 81° 47' 39"  
LATITUDE: N 41° 01' 53" LONGITUDE: W 81° 48' 15"



PORTION TO BE IMPROVED  
INTERSTATE HIGHWAY  
FEDERAL ROUTES  
STATE ROUTES  
COUNTY & TOWNSHIP ROADS  
OTHER ROADS

DESIGN DESIGNATION (I-71)

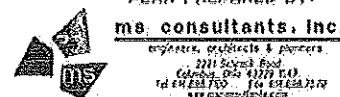
CURRENT ADT (2019) 52,000  
DESIGN YEAR ADT (2039) 60,000  
DESIGN HOURLY VOLUME (2039) 5,400  
DIRECTIONAL DISTRIBUTION 0.51  
TRUCKS (24 HOUR B&C) 0.08  
DESIGN SPEED 65 MPH  
LEGAL SPEED 65 MPH  
DESIGN FUNCTIONAL CLASSIFICATION:  
INTERSTATE - RURAL  
NHS PROJECT NO

DESIGN EXCEPTIONS (NONE)

**UNDERGROUND UTILITIES**  
CONTACT BOTH SERVICES TWO WORKING DAYS BEFORE YOU DIG.

**OHIO**  
Utilities Protection  
SERVICE  
(Non-members must be called directly)  
OIL & GAS PRODUCERS  
UNDERGROUND PROTECTION SERVICE  
1-800-925-0988

Call Before You Dig  
1-800-362-2764



END WORK  
IR-71  
STA. 1232+20.00

BEGIN WORK  
IR-71  
STA. 1191+20.00

END WORK  
IR-76  
STA. 1140+57.00

BEGIN WORK  
IR-76  
STA. 1095+78.00

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

MED-71/76-22.71/5.29

BRUNSWICK HILLS TOWNSHIP  
GUILFORD TOWNSHIP  
MEDINA COUNTY

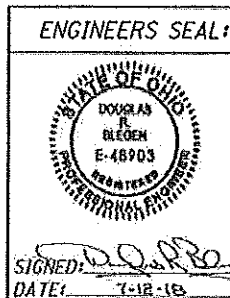
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DESIGN DESIGNATION (I-76)

CURRENT ADT (2019) 29,000  
DESIGN YEAR ADT (2039) 38,000  
DESIGN HOURLY VOLUME (2039) 3,400  
DIRECTIONAL DISTRIBUTION 0.53  
TRUCKS (24 HOUR B&C) 0.19  
DESIGN SPEED 65 MPH  
LEGAL SPEED 65 MPH  
DESIGN FUNCTIONAL CLASSIFICATION:  
INTERSTATE - RURAL  
NHS PROJECT NO

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	
HL-10.11	1-19-18	TC-41.20	10-18-13	MT-95.30	7-21-17	800	7-20-18
HL-10.12	1-20-17	TC-51.11	1-15-16	MT-98.10	1-20-17	813	10-21-16
HL-10.13	1-20-17	TC-51.12	1-15-16	MT-98.20	7-18-14	821	4-20-12
HL-20.11	4-21-17	TC-83.20	7-21-17	MT-98.28	1-20-17	825	7-15-16
HL-30.11	1-19-18			MT-105.10	7-19-13	832	1-17-14
HL-30.22	1-17-14					913	4-21-17
HL-40.20	1-20-17					921	4-20-12
HL-60.11	7-21-17						
HL-60.12	7-15-16						
HL-60.31	1-19-18						



PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF REPLACING CONVENTIONAL LIGHT POLES, FIXTURES, DUCT CABLE, AND OTHER LIGHTING SYSTEMS ELEMENTS AT THE I-71 NORTHBOUND REST AREA AND THE I-76 WESTBOUND WEIGH STATION, INCLUDING REPLACEMENT OF THE OPEN/CLOSED SIGN.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 1.70 ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 1.00 ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: 2.70 ACRES

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.

2016 SPECIFICATIONS

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

TRAFFIC NOT REROUTED

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: [Signature]  
DATE: DISTRICT DEPUTY DIRECTOR

APPROVED: [Signature]  
DATE: 8-15-18 DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO.  
E130 (361)

PID NO.  
90194

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT  
NONE

MED-71/76-22.71/5.29

26





UTILITIES

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ELECTRIC

OHIO EDISON COMPANY (DISTRIBUTION)  
1910 W. MARKET ST. BLDG. 1  
AKRON, OH 44313  
MR. DAVID MILLER  
330-436-4055

COMMUNICATIONS

CHARTER COMMUNICATIONS  
DREW FETTERMAN  
530 S Main Street  
Akron OH 44311  
330-312-8845  
Drew.Fetterman@charter.com

SURVEYING PARAMETERS

USE THE FOLLOWING VERTICAL POSITIONING AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD 88  
GEOID: 12B

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD 83 (2011)  
ELLIPSOID: GRS80  
MAP PROJECTION: LAMBERT CONFORMAL CONIC  
COORDINATE SYSTEM: OHIO STATE PLANE, NORTH ZONE (340)  
COMBINED SCALE FACTOR: 1.000000000

UNITS ARE IN U.S. SURVEY FEET. USE THE FOLLOWING CONVERSION FACTOR: 1 METER = 3.280833333 U.S. SURVEY FEET.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND A REPRESENTATIVE OF THE MAINTAINING AGENCY WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT OF WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS) A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE.

CONSTRICT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS. UNLESS OTHERWISE IDENTIFIED IN THE PLANS OR PROPOSAL, THE CONSTRUCTION LIMITS ARE IDENTIFIED AS 30 FEET FROM THE EDGE OF PAVEMENT.

SUBMIT A WRITTEN REQUEST TO THE PROJECT ENGINEER TO USE ANY AREA OUTSIDE THESE LIMITS. THE DOCUMENT SUBMITTED MUST CLEARLY IDENTIFY THE AREA AND EXPLAIN THE PROPOSED USE AND RESTORATION OF THE AREA. USE OF THESE AREAS FOR DISPOSAL OF WASTE MATERIAL AND CONSTRUCTION DEBRIS, EXCAVATION OF BORROW MATERIAL AND PLACEMENT OF PORTABLE PLANTS IS PROHIBITED. THE REQUEST MUST BE APPROVED, IN WRITING, BEFORE THE CONTRACTOR HAS PERMISSION TO USE THE AREA.

ANY ITEMS DAMAGED BEYOND THE CONSTRUCTION LIMITS AS DEFINED ABOVE WILL BE REPLACED IN KIND OR AS APPROVED BY THE PROJECT ENGINEER.

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 40 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING AN FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

EXPRESS PROCESSING CENTER  
THE FEDERAL AVIATION ADMINISTRATION  
SOUTHWEST REGIONAL OFFICE  
AIR TRAFFIC AIRSPACE BRANCH ASW-520  
2601 MEACHAN BLVD.  
FORT WORTH, TX 76137-4298

OHIO DEPARTMENT OF TRANSPORTATION  
OFFICE OF AVIATION  
2829 WEST DUBLIN-GRANVILLE ROAD  
COLUMBUS, OHIO 43235  
614-387-2346

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THE REQUIREMENTS IN THE CHART, THE CONTRACTOR SHALL BE ASSESSED DISINCENTIVES IN THE AMOUNT OF \$2500 PER HOUR OR PORTION THEREOF THAT THE LANE REDUCTION REMAINS BEYOND THE SPECIFIED LIMIT.

ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR)  
FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS  
OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE  
PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED  
WHERE THE OMTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

- FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

IN GENERAL, LEOS SHOULD BE POSITIONED AT THE POINT OF LANE RESTRICTION OR ROAD CLOSURE AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH INTERSECTIONS IN WORK ZONES.

THE LEOS WORK AT THE DIRECTION OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

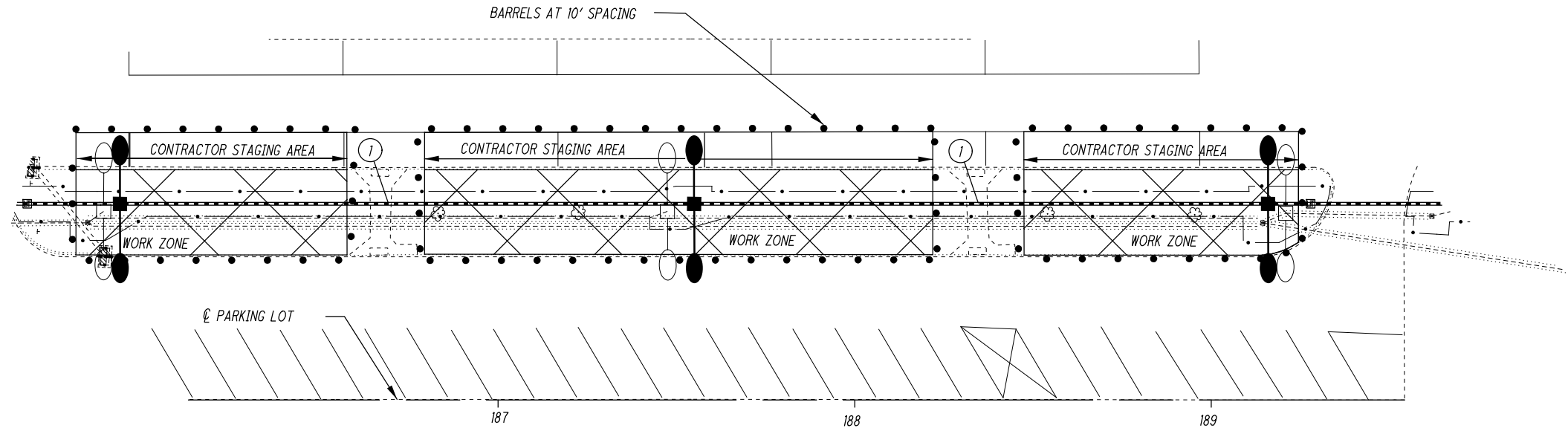
THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER  
WITH PATROL CAR FOR ASSISTANCE 40 HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME  
REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE)  
INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF  
A LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614,  
LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR  
ASSISTANCE.



**MAINTENANCE OF TRAFFIC NOTES**

1. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS ACROSS THE WORK ZONE VIA EXISTING SIDEWALKS. THE CONTRACTOR SHALL OPEN CUT THE SIDEWALK TO INSTALL THE CONDUIT. DURING THIS TIME, THE SIDEWALK SHALL BE CLOSED. ONE SIDEWALK SHALL BE OPEN AT ALL TIMES TO PEDESTRIANS AND THE CONTRACTOR SHALL PROVIDE DIRECTIONAL SIGNING TO THE OPEN SIDEWALK WHILE ONE SIDEWALK IS CLOSED. THE SIDEWALK SHALL BE PLATED OUTSIDE OF CONTRACTOR WORK HOURS. THE CONTRACTOR SHALL REPLACE THE SECTION OF SIDEWALK REMOVED WITH ITEM 605, CONCRETE WALK. COST FOR ALL ITEMS ASSOCIATED WITH THE CONCRETE WALK SHALL BE INCIDENTAL TO THE MAINTENANCE OF TRAFFIC COSTS. THE CONTRACTOR'S MAINTENANCE OF TRAFFIC PLAN, INCLUDING ACCESS TO THE EXISTING SIDEWALKS, SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY WORK BEGINNING.
2. THE EXISTING LIGHTS SHALL BE MAINTAINED UNTIL THE TIME THAT THE NEW LIGHTS ARE READY FOR ACTIVATION.

$$\frac{8}{26}$$







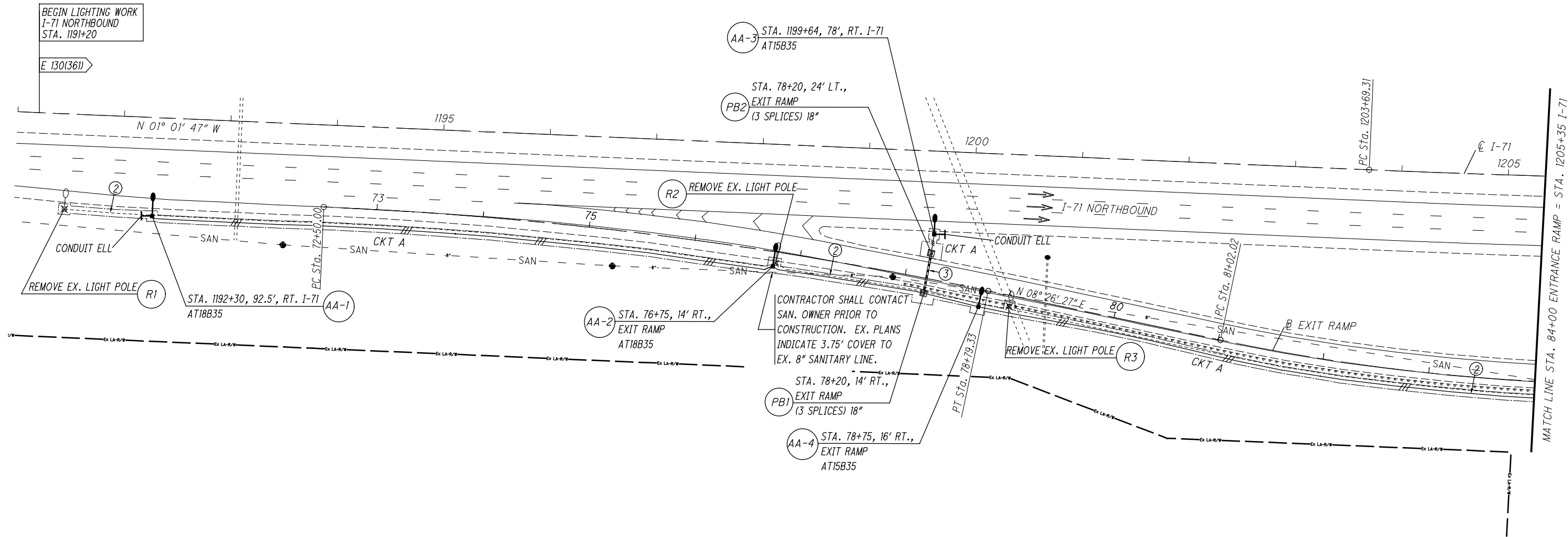


$$\frac{12}{26}$$

**MED-71/76-22.71/5.29**

- NOTES
1. THE EXISTING LIGHTING SHALL REMAIN FUNCTIONAL WHILE THE PROPOSED LIGHTING IS BEING CONSTRUCTED.
  2. REMOVE CONDUCTORS/CABLES FROM CONDUIT AND DUCT CABLE; ABANDON CONDUIT/DUCT IN PLACE.
  3. ALL CONDUIT UNDER PAVEMENT SHALL BE 3" AND JACKED OR DRILLED.
  4. CONDUIT SHALL BE 2".
  5. CONDUIT SHALL BE 3".
  6. FOR LIGHT POLES AA-5, AA-6, AND AA-7, THE 12' ARM SHALL BE PLACED ON THE WEST SIDE OF THE POLES, OVER THE TRUCK PARKING, AND THE 18' ARM SHALL BE PLACED ON THE EAST SIDE OF THE POLES, OVER THE CAR PARKING.

- LEGEND
- EX. LIGHT POLE TO REMAIN
  - EX. LIGHT POLE TO BE REMOVED
  - LIGHT POLE, STATION, OFFSET, CENTERLINE/BASELINE LED, TYPE III, BASE TYPE, ARM, MOUNTING HEIGHT
  - PROPOSED POWER SERVICE
  - EX. CABLE TO BE ABANDONED
  - DUCT CABLE, W/ 3 NO. 6 AWG, IN 24" DEEP TRENCH
  - CONDUIT, (BY SIZE), 725.04, W/3 NO. 6 AWG
  - PULL BOX, 725.08, (BY SIZE)
  - EXISTING PULL BOX TO BE REMOVED
  - STUB & CAP CONDUIT ELL

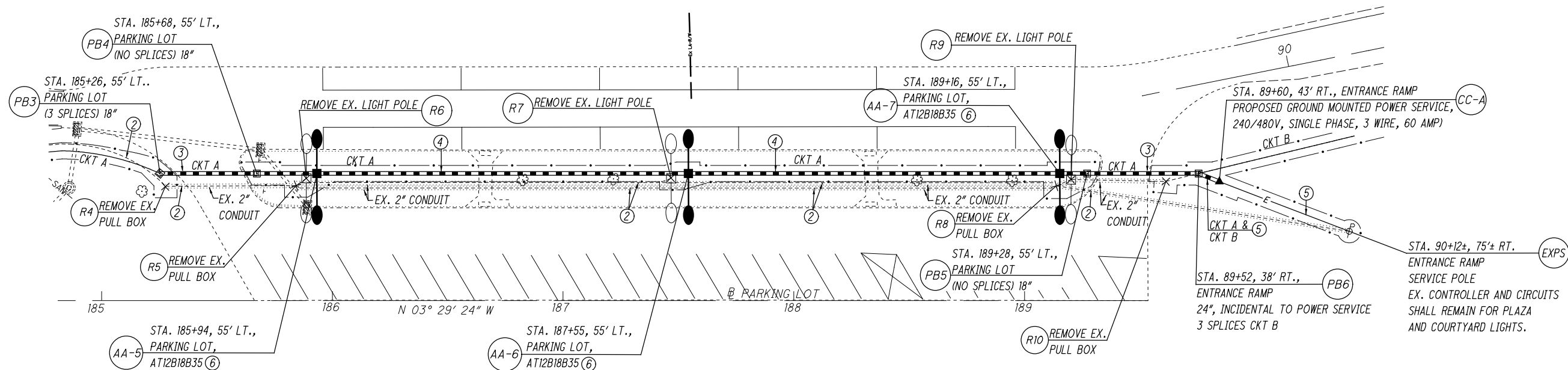
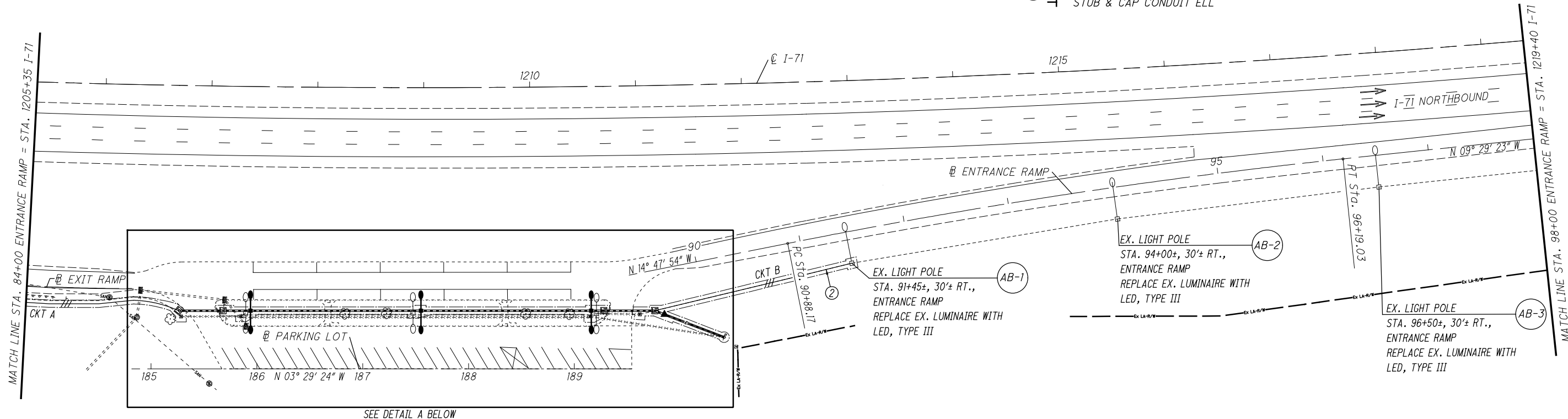


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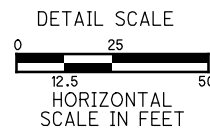
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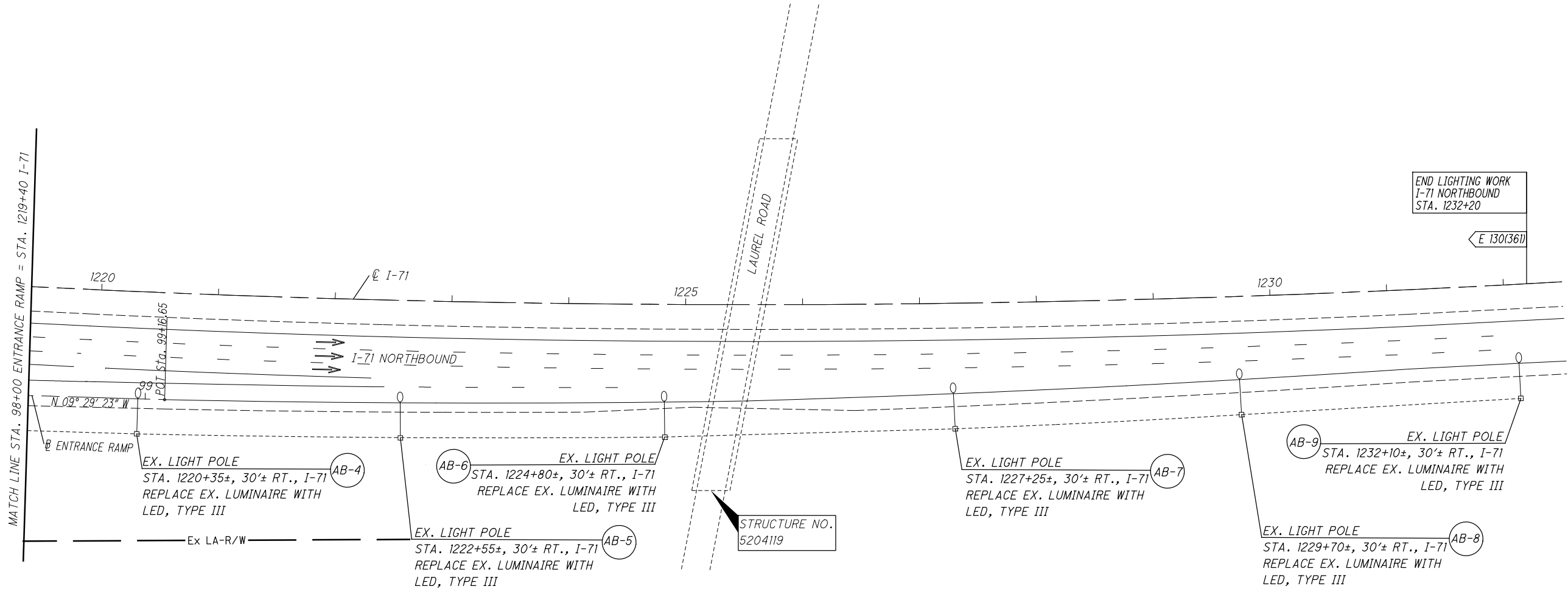
DETAIL A



CALCULATED	CDF
CHECKED	JH

LIGHTING PLAN REST AREA  
STA. 1191+00 I-71 TO 98+00 ENTRANCE RAMP

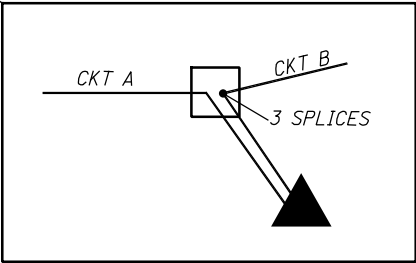
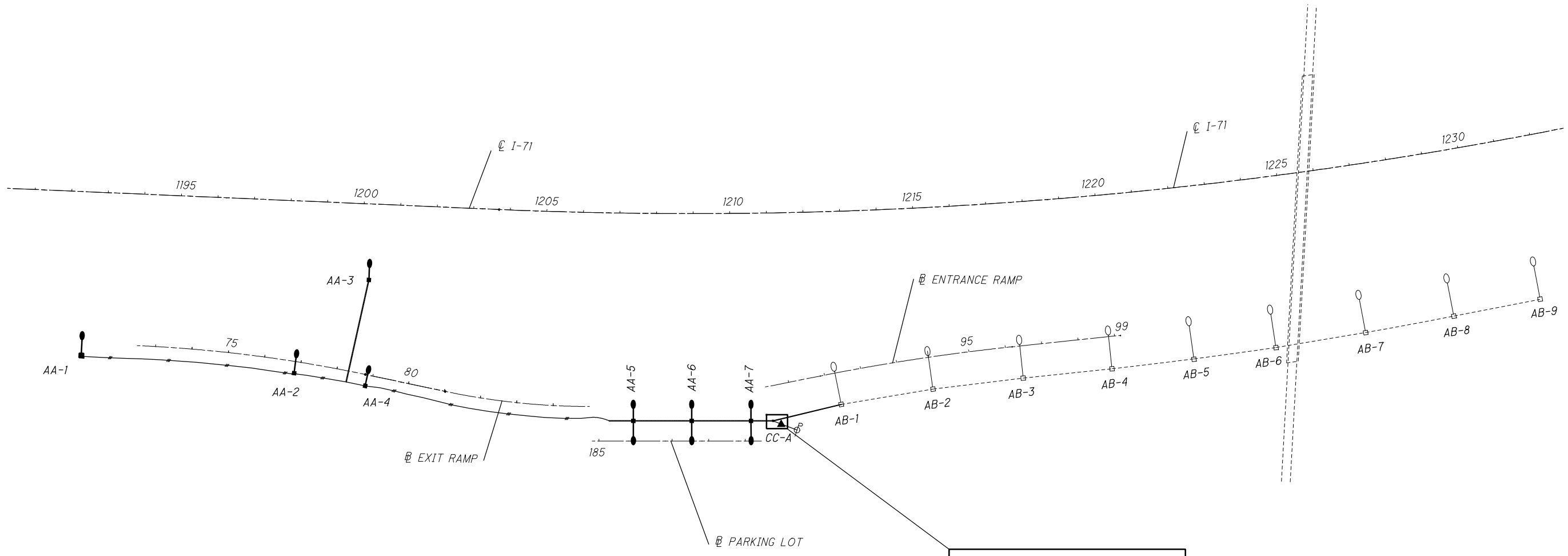
MED-71 / 76-22.71 / 5.29





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- LEGEND
- ○ EX. LIGHT POLE TO REMAIN WITH NEW LED LUMINAIRES
  - ● PROP. LIGHT POLE W/ LED LUMINAIRES
  - ▲ POWER SERVICE



POWER SERVICE DATA									
POWER SERVICE	LINE VOLTAGE (VOLTS)	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CABLE (AWG)	ENCLOSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD (AMPS)	CIRCUIT FUSE SIZE (AMPS)	CIRCUIT CABLE SIZE (AWG)	MAINTAINING AGENCY
CC-A	480	3.072	#4	60	A	2.8	20	6	ODOT, D3
					B	3.6	20	6	

NOTE: FOR ADDITIONAL POWER SERVICE DETAILS, SEE STANDARD DRAWINGS

CALCULATED  
CFD

CHECKED  
JH

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17  
26

LIGHTING CIRCUIT DIAGRAM  
I-71 NORTHBOUND REST AREA

0 75 150 300  
HORIZONTAL  
SCALE IN FEET

[illegible]

SHEET NO.	STATION TO STATION  ML = MATCH LINE	SIDE	POLE/PULL BOX NO.	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	CALCULATED JRH CHECKED DRB	LIGHTING SUBSUMARY (WEIGH STATION)	MED - 71 / 76 - 22.71 / 5.29	19 26	
				CONNECTION, FUSED PULL APART	CONNECTION, UNFUSED PERMANENT	LIGHT POLE, CONVENTIONAL, AT15B35	LIGHT POLE, CONVENTIONAL, AT18B35	LIGHT POLE, CONVENTIONAL, AT25B35	LIGHT POLE FOUNDATION, 24" X 6' DEEP	LIGHT POLE FOUNDATION, 24" X 6' DEEP, AS PER PLAN	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE	NO. 10 AWG POLE AND BRACKET CABLE	1-1/2" DUCT CABLE WITH THREE NO. 6 AWG 2400 VOLT CABLES	CONDUIT, 3", 725.04	CONDUIT, JACKED OR DRILLED, 725.04, 3"	CONDUIT, JACKED OR DRILLED, 725.04, 3", AS PER PLAN	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), IES-III, LED, 16800-18200 LUMENS, AS PER PLAN	TRENCH, 24" DEEP	TRENCH, 24" DEEP, AS PER PLAN	PULL BOX, 725.08, 18"	PULL BOX, 725.08, 18", AS PER PLAN	PULL BOX, 725.08, 24"	PULL BOX REMOVED	GROUND ROD	POWER SERVICE, AS PER PLAN	PLASTIC CAUTION TAPE	LIGHT POLE REMOVED, AS PER PLAN	LIGHT POLE FOUNDATION REMOVED	LUMINAIRE REMOVED FOR STORAGE	POWER SERVICE REMOVED	DISTRIBUTION CABLE REMOVED					DISTRIBUTION CABLE REMOVED, AS PER PLAN
				EA	EA	EA	EA	EA	EA	EA	FT	FT	FT	FT	FT	FT	FT	EACH	FT	FT	EA	EA	EA	EA	EA	EA	EA	FT	EA	EA	EA	EA					EA
23	CKT 'A'																																				
	114+70 @ ENTR. RAMP	L	WA-1	2				1	1			180				1								1													
	114+70	L	WA-1 - WA-2										145			135										135											
	116+06	L	WA-2	2				1	1			180				1								1													
	116+06	L	WA-2 - WA-3										131													121											
	117+12	L	WA-3	2				1	1			180				1								1													
	117+12	L	WA-3 - PL-5										61				51										51										
	117+60	L	PL-5		3																																
	117+60	L	PL-5 - "W"										60																								
	117+60	L	PL-5 - PL-4													178																					
	118+03	L	PL-4		3																																
	118+03	L/R	PL-4 - PL-3										171																								
	114+79 @ ENTR. RAMP	R	WA-4	2		1			1			150				1									1												
	114+79	R	WA-4 - WA-5										169			10											10										
	116+28	R	WA-5	2		1			1			150				1									1												
	116+28	R	WA-5 - WA-6										156				10										10										
	117+62	R	WA-6	2		1			1			150				1									1												
	117+62	R	WA-6 - PL-3										51				5										5										
	118+03	R	PL-3		3																																
	REMOVALS																																				
	110+02 @ ENTR. RAMP	L																																	328		
	113+33±	L																																			
	113+33±	L/R																																			
	113+36±	R																																			
	113+36±	R																																			
	115+08±	R																																			
	115+08±	R																																			
	115+31±	R/L																																			
	115+31±	R/L																																			
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	115+34±	L/R																																			
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	118+35±	R/L																																			
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	118+36±	L																																			
	121+75±	L																																			
	121+75±	L																																			
	122+13±	L																																			
	122+13±	L																																			
	122+13±	L																																			

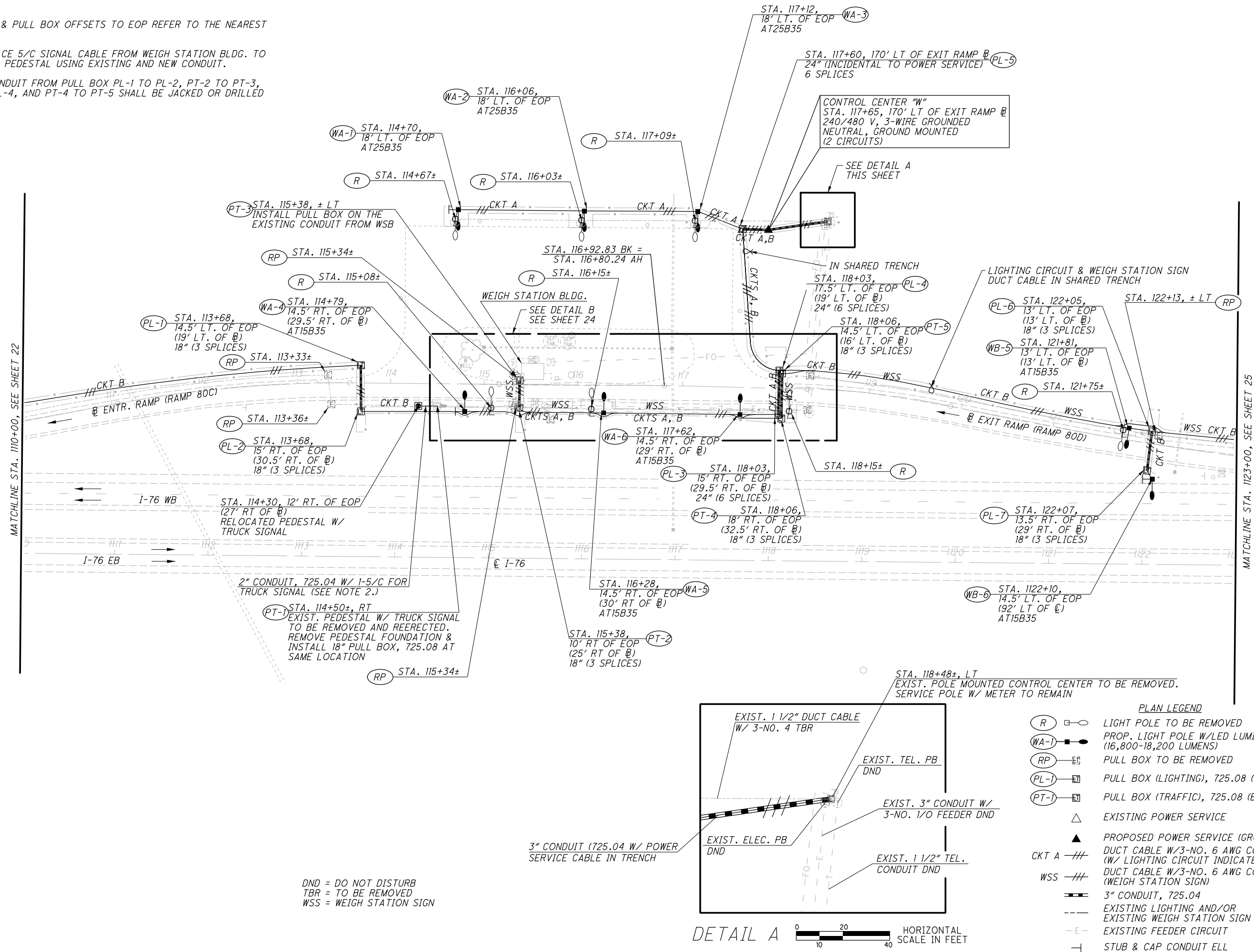







NOTE:

1. POLE & PULL BOX OFFSETS TO EOP REFER TO THE NEAREST EOP.
2. REPLACE 5/C SIGNAL CABLE FROM WEIGH STATION BLDG. TO RELOCATED PEDESTAL USING EXISTING AND NEW CONDUIT.
3. 3" CONDUIT FROM PULL BOX PL-1 TO PL-2, PT-2 TO PT-3, PL-3 TO PL-4, AND PT-4 TO PT-5 SHALL BE JACKED OR DRILLED



DND = DO NOT DISTURB  
TBR = TO BE REMOVED  
WSS = WEIGH STATION SIGN




















DETAIL A



A horizontal scale bar with alternating black and white segments. The segments are labeled with the numbers 0, 10, 20, and 40. The bar is 40 feet long in total.

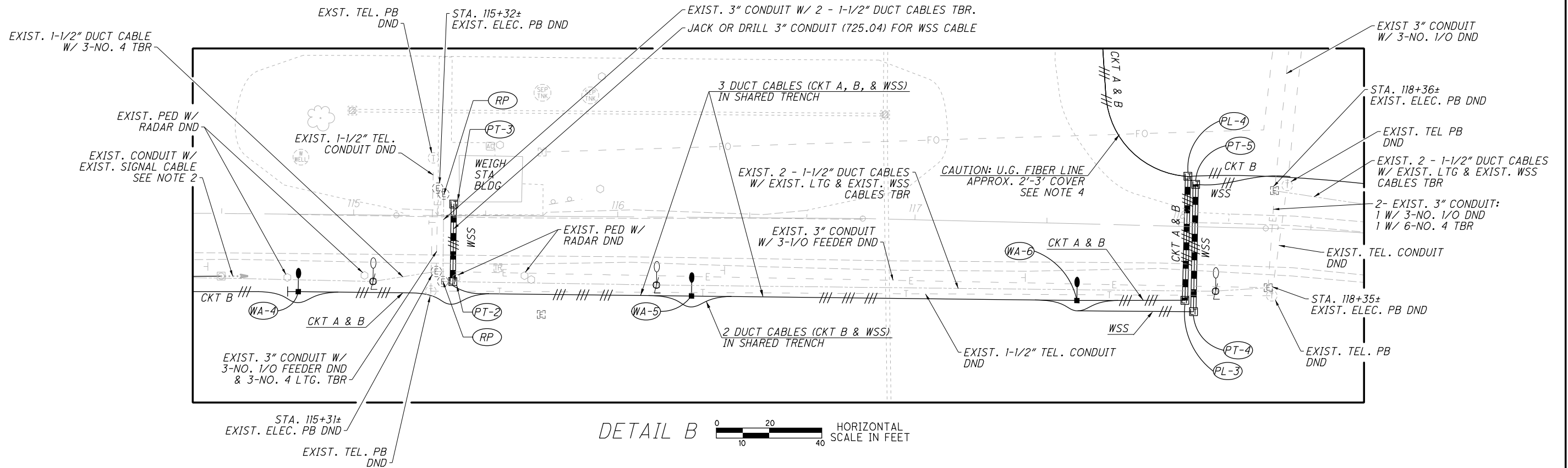
HORIZONTAL  
SCALE IN FEET

PLAN LEGEND




















- |                                                                                       |                                                                                       |                                                                        |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------|
|  |  | LIGHT POLE TO BE REMOVED                                               |
|  |  | PROP. LIGHT POLE W/LED LUMINAIRE<br>(16,800-18,200 LUMENS)             |
|  |  | PULL BOX TO BE REMOVED                                                 |
|  |  | PULL BOX (LIGHTING), 725.08 (BY SIZE)                                  |
|  |  | PULL BOX (TRAFFIC), 725.08 (BY SIZE)                                   |
|                                                                                       |  | EXISTING POWER SERVICE                                                 |
|                                                                                       |  | PROPOSED POWER SERVICE (GROUND MTD.)                                   |
| CKT A                                                                                 |  | DUCT CABLE W/3-NO. 6 AWG CONDUCTORS<br>(W/ LIGHTING CIRCUIT INDICATED) |
| WSS                                                                                   |  | DUCT CABLE W/3-NO. 6 AWG CONDUCTORS<br>(WEIGH STATION SIGN)            |
|                                                                                       |  | 3" CONDUIT, 725.04                                                     |
|                                                                                       |  | EXISTING LIGHTING AND/OR                                               |
|                                                                                       |  | EXISTING WEIGH STATION SIGN CIRCUIT                                    |
|                                                                                       |  | EXISTING FEEDER CIRCUIT                                                |
|                                                                                       |  | STUB & CAP CONDUIT ELL                                                 |

NOTE:

1. POLE & PULL BOX OFFSETS TO EOP REFER TO THE NEAREST EOP.
2. REPLACE 5/C SIGNAL CABLE FROM WEIGH STATION BLDG. TO RELOCATED PEDESTAL USING EXISTING AND NEW CONDUIT.
3. 3" CONDUIT FROM PULL BOX PT-2 TO PT-3, PL-3 TO PL-4, AND PT-4 TO PT-5 SHALL BE JACKED OR DRILLED
4. THE CONTRACTOR SHALL EXERCISE EXTREME CARE (HAND DIGGING IS RECOMMENDED) WHEN TRENCHING IN THE AREA NEAR AND OVER THE EXISTING FIBER OPTIC LINE. AS DEPTH OF EXISTING LINE IS UNKNOWN.
5. NOT ALL LOCATIONS OF CONDUIT RELATED TO THE WEIGH STATION SCALES, SIGNALS, SENSORS, ETC. ARE KNOWN OR SHOWN IN THE DETAIL BELOW. THE CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN TRENCHING OR DIGGING IN THIS AREA SO AS NOT TO DISTURB ANY RELATED FACILITIES.

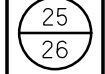


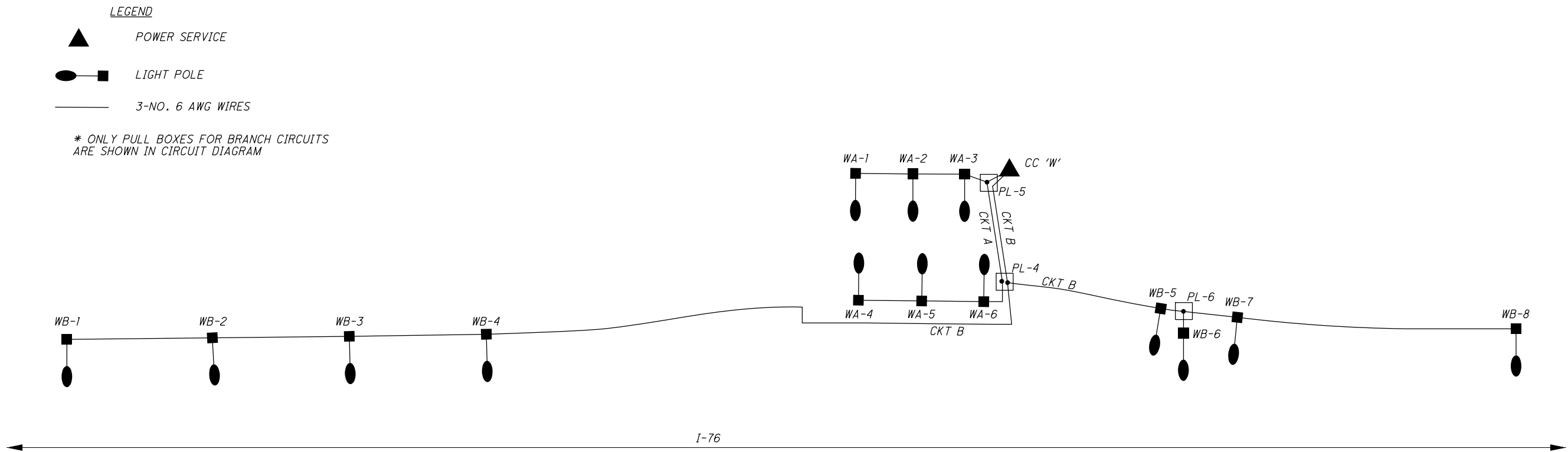
PLAN LEGEND

- |                                                                                       |                                                                                       |                                                                        |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------|
|  |  | LIGHT POLE TO BE REMOVED                                               |
|  |  | PROP. LIGHT POLE W/LED LUMINAIRE<br>(16,800-18,200 LUMENS)             |
|  |  | PULL BOX TO BE REMOVED                                                 |
|  |  | PULL BOX (LIGHTING), 725.08 (BY SIZE)                                  |
|  |  | PULL BOX (TRAFFIC), 725.08 (BY SIZE)                                   |
|                                                                                       |  | EXISTING POWER SERVICE                                                 |
|                                                                                       |  | PROPOSED POWER SERVICE (GROUND MTD.)                                   |
| CKT A                                                                                 |  | DUCT CABLE W/3-NO. 6 AWG CONDUCTORS<br>(W/ LIGHTING CIRCUIT INDICATED) |
| WSS                                                                                   |  | DUCT CABLE W/3-NO. 6 AWG CONDUCTORS<br>(WEIGH STATION SIGN)            |
|                                                                                       |  | 3" CONDUIT, 725.04                                                     |
|                                                                                       |  | EXISTING LIGHTING AND/OR                                               |
|                                                                                       |  | EXISTING WEIGH STATION SIGN CIRCUIT                                    |
|                                                                                       |  | EXISTING FEEDER CIRCUIT                                                |
|                                                                                       |  | STUB & CAP CONDUIT ELL                                                 |

DND = DO NOT DISTURB  
TBR = TO BE REMOVED  
LTG = LIGHTING  
WSS = WEIGH STATION SIGN  
PED = PEDESTAL







CONTROL CENTER DATA									
CONTROL CENTER	LINE VOLTAGE (VOL TS)	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CONDUCTOR SIZE-AWG	ENCLOSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD (AMPS)	CIRCUIT FUSE SIZE (AMPS)	CIRCUIT CABLE SIZE (AWG)	MAINTAINING AGENCY
PROPOSED CC-W (WEIGH STATION)	480	2.69	2	60	A	2.40	10	6	ODOT, D3
					B	3.20	10	6	

**LIGHTING CIRCUIT DIAGRAM**  
**I-76 WB WEIGH STATION**