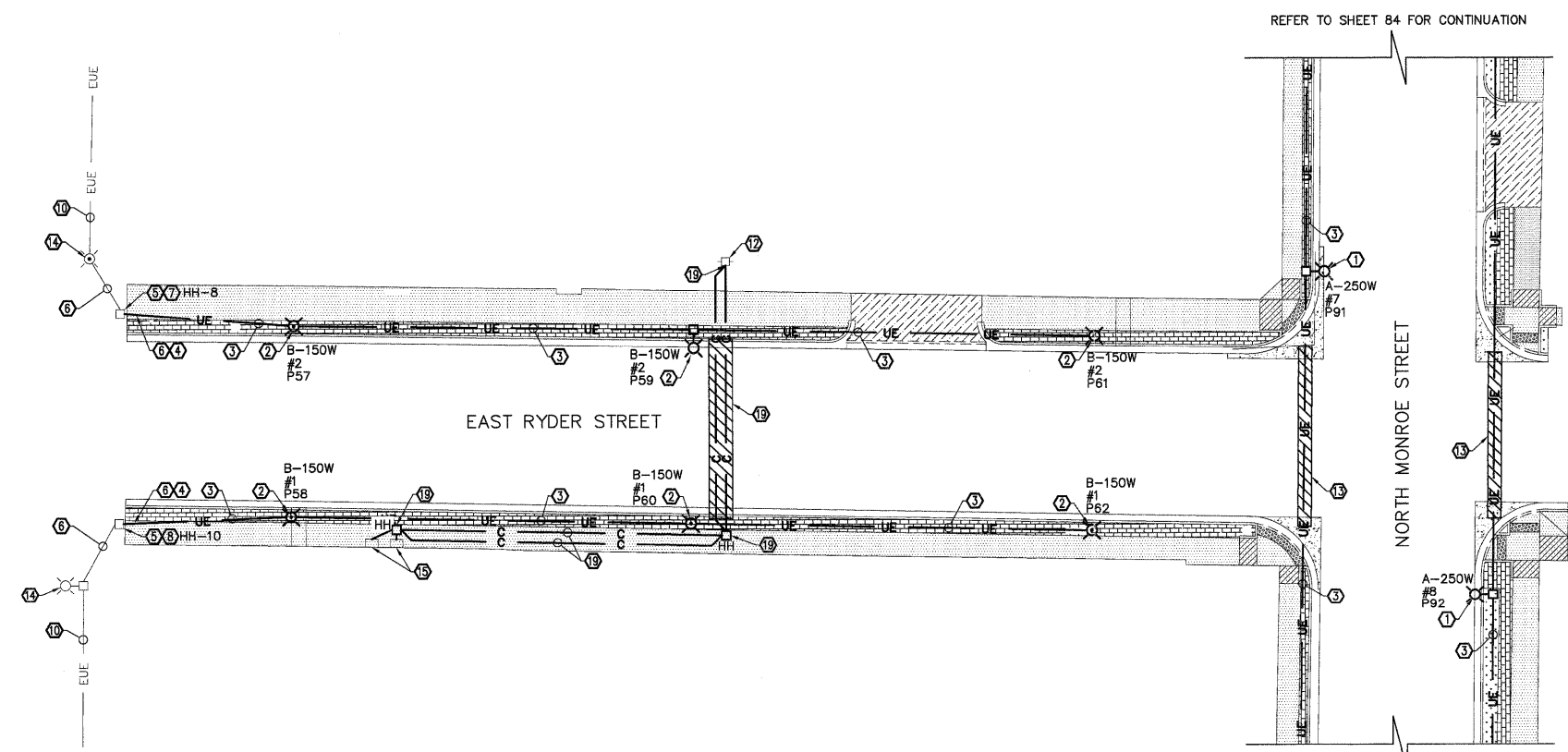


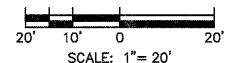
WEST RYDER STREET DEVELOPMENT DETAIL
SCALE: 1"=20'-0"



EAST RYDER STREET DEVELOPMENT DETAIL
SCALE: 1"=20'-0"

- GENERAL NOTES:**
- EXISTING OVERHEAD LINES REMOVED FROM DETAILS FOR CLARITY. CONTRACTOR RESPONSIBLE FOR LOCATING AND AVOIDING OVERHEAD LINES TO REMAIN WHILE PERFORMING SPECIFIED WORK.
 - REFER TO SHEET 91 AND 92 FOR ONE LINE ELECTRICAL LAYOUT DETAILS.
 - ALL PERSONNEL SHALL BE FULLY TRAINED IN THEIR RESPECTIVE DUTIES AS PART OF THE DIRECTIONAL BORING CREW AND IN SAFETY. TRAINING SHALL BE PROVIDED SPECIFIC TO THE PROJECT IF ANY POTENTIAL HAZARDS MAY BE ENCOUNTERED WHICH HAS NOT ALREADY BEEN INCLUDED IN PERSONNEL'S TRAINING.
 - CONTRACTOR SHALL NOTIFY ALL COMPANIES WITH UNDERGROUND UTILITIES IN THE WORK AREA VIA THE STATE OR LOCAL "ONE-CALL" TO OBTAIN UTILITY LOCATES. ONCE THE UTILITIES HAVE BEEN LOCATED CONTRACTOR SHALL PHYSICALLY IDENTIFY THE EXACT LOCATION OF THE UTILITIES BY VACUUM OR HAND EXCAVATION, WHEN POSSIBLE, IN ORDER TO DETERMINE THE ACTUAL LOCATION AND PATH OF ANY UNDERGROUND UTILITIES WHICH MIGHT BE WITHIN 20 FEET OF THE BORE PATH. CONTRACTOR SHALL NOT COMMENCE BORING OPERATIONS UNTIL THE LOCATION OF ALL UNDERGROUND UTILITIES WITHIN THE WORK AREA HAVE BEEN VERIFIED.
 - CONTRACTOR SHALL ADHERE TO ALL APPLICABLE STATE, FEDERAL AND LOCAL SAFETY REGULATIONS AND ALL OPERATIONS SHALL BE CONDUCTED IN SAFE MANNER. SAFETY MEETINGS SHALL BE CONDUCTED AT LEAST WEEKLY WITH A WRITTEN RECORD OF ATTENDANCE AND TOPIC SUBMITTED TO ENGINEER.
 - ALL EXCAVATIONS WILL BE BACKFILLED AND COMPACTED TO 95% OF ORIGINAL DENSITY.
 - THE CITY OF LITCHFIELD TO OBTAIN AND PROVIDE ALL EASEMENTS ON PROPERTY NOT OWNED BY THE CITY.

- KEYED NOTES:**
- DECORATIVE LIGHTING UNIT, TYPE "D2" - PROVIDE NEW LIGHT FIXTURE TYPE 'A' WITH 250 WATT LAMP AND 120V RECEPTACLE. CONNECT LAMP AND RECEPTACLE TO NEW UNDERGROUND CIRCUITRY. REFER TO DETAIL 3/90 FOR ADDITIONAL DETAILS.
 - DECORATIVE LIGHTING UNIT, TYPE "D3" - PROVIDE NEW LIGHT FIXTURE TYPE 'B' WITH 150 WATT LAMP AND 120V RECEPTACLE. CONNECT LAMP AND RECEPTACLE TO NEW UNDERGROUND CIRCUITRY. REFER TO DETAIL 4/90 FOR ADDITIONAL DETAILS.
 - PROVIDE NEW UNDERGROUND 2" PVC CONDUIT. REFER TO DETAIL 2/90 FOR TRENCH DETAILS. REFER TO SHEETS 91 AND 92 FOR QUANTITY AND SIZE OF CONDUCTORS TO BE PROVIDED IN CONDUIT.
 - CONNECT NEW 2" CONDUIT TO EXISTING CONDUIT TO REMAIN OR TO EXISTING HAND HOLE.
 - EXISTING HANDHOLE TO REMAIN.
 - EXISTING EMPTY CONDUIT TO REMAIN AND BE USED FOR EXTENSION OF ELECTRICAL CIRCUITS.
 - TAP ELECTRICAL CONDUCTORS FOR CIRCUIT #2 IN EXISTING HANDHOLE OR IN BASE OF EXISTING LIGHT FIXTURE AND EXTEND TO NEW LIGHT FIXTURES SHOWN.
 - TAP ELECTRICAL CONDUCTORS FOR CIRCUIT #1 IN EXISTING HANDHOLE OR IN BASE OF EXISTING LIGHT FIXTURE AND EXTEND TO NEW LIGHT FIXTURES SHOWN.
 - PROVIDE NEW COMPOSITE CONCRETE HANDHOLE. REFER TO DETAIL 1/90 FOR ADDITIONAL DETAILS.
 - EXISTING UNDERGROUND CONDUIT AND ELECTRICAL CONDUCTORS TO REMAIN. PULL NEW CONDUCTORS IN EXISTING CONDUIT AS REQUIRED FOR NEW CONVENIENCE RECEPTACLE CIRCUITS. REFER TO SHEETS 91 AND 92.
 - EXISTING UNDERGROUND CONDUIT AND ELECTRICAL CONDUCTORS TO REMAIN. REFER TO SHEETS 91 AND 92 FOR QUANTITY AND SIZE OF CONDUCTORS TO BE PROVIDED IN CONDUIT.
 - EXISTING UTILITY POLE TO REMAIN.
 - DIRECTIONAL BORE (CONDUIT, BORED AND PULLED) UNDER STREET TO INSTALL NEW ELECTRICAL CONDUIT.
 - EXISTING STREET LIGHT TO REMAIN.
 - SERVICE ENTRANCE RELOCATION #3 - EXISTING METER CABINET TO REMAIN.
 - SERVICE ENTRANCE RELOCATION #2 - EXISTING METER CABINET TO REMAIN.
 - NEW DECORATIVE PAINTED STEEL UTILITY POLE BY AMEREN.
 - SERVICE ENTRANCE RELOCATION #2 - PROVIDE 3" PVC CONDUIT SECURELY CONNECTED TO UTILITY POLE PER AMEREN REQUIREMENTS. ROUTE CONDUIT WITH (3)-#3/0 CONDUCTORS UNDERGROUND FROM SECONDARY WIRING (CONNECTION BY AMEREN) TO EXISTING METER CABINET. PROVIDE TWO NEW COMPOSITE CONCRETE HANDHOLES. PROVIDE CONDUIT, BORED AND PULLED UNDER STREET. REFER TO DETAIL 7/90.
 - SERVICE ENTRANCE RELOCATION #3 - PROVIDE TWO SETS OF 3" PVC CONDUIT WITH (3)-#3/0 CONDUCTORS MOUNTED SECURELY TO UTILITY POLE PER AMEREN REQUIREMENTS. ROUTE EACH CONDUIT WITH CONDUCTORS UNDERGROUND FROM AERIAL SECONDARY WIRING (CONNECTION BY AMEREN) TO EACH EXISTING METER CABINET. PROVIDE TWO NEW COMPOSITE CONCRETE HANDHOLES. PROVIDE CONDUIT, BORED AND PULLED UNDER STREET. REFER TO DETAIL 7/90.



NOV 28, 2011 3:40 PM MCDONOUGH ZA11-059A.DRAWINGS\E2.2.DWG

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FEDERAL FORM NO. 94-0074

DRAWING DATE	10/14/11	REVISION		BY	DATE
DESIGNED BY	MJF				
DRAWN BY	GDG				
CHECKED BY	GWV				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**ENLARGED ELECTRICAL DEVELOPMENT
DETAILS**

PROJECT NO.	11-095	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			10-00035-00-LS	Montgomery	92	81
FILENAME	E2.2.dwg				CONTRACT NO.	93563
DRAWING SCALE	1"=20'	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		