

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647#	1

D-91-101-02 #647+13-17=643 62410

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED HIGHWAY

F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)
SECTION: 130 R-2
DUNHAM ROAD TO ILLINOIS ROUTE 59
ADD LANES, BRIDGE REPLACEMENT, LIGHTING,
RESURFACING AND TRAFFIC SIGNALS
PROJECT NO. NHF-0307(033)
DUPAGE AND KANE COUNTIES
C-91-101-02

INDEX OF SHEETS
FOR INDEX OF SHEETS, SEE SHEET NO. 2

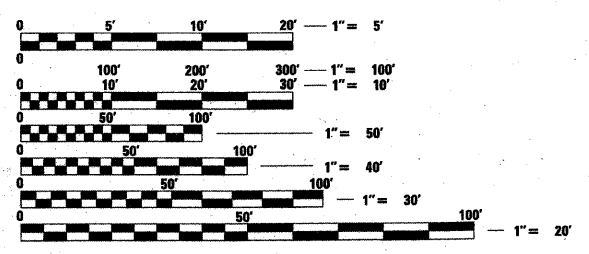
TRAFFIC DATA
ILLINOIS ROUTE 64
(38TH AVENUE TO KAUTZ /SMITH ROAD)
POSTED SPEED = 40 MPH
DESIGN SPEED = 50 MPH

(KAUTZ /SMITH ROAD TO ILLINOIS ROUTE 59)
POSTED SPEED = 50 MPH
DESIGN SPEED = 50 MPH

ADT 37,200 (2009) 45,000 (2020)

DESIGN DESIGNATION
3690 (20) ARTERIAL 16.95 (PCC-20)

PROJECT LOCATED IN THE CITIES OF ST. CHARLES AND WEST CHICAGO



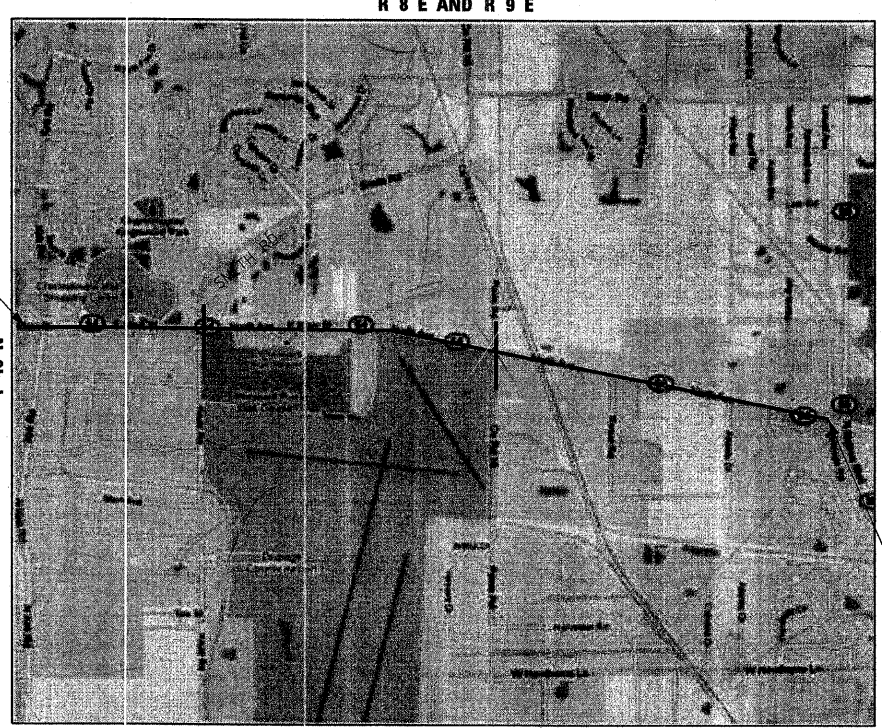
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

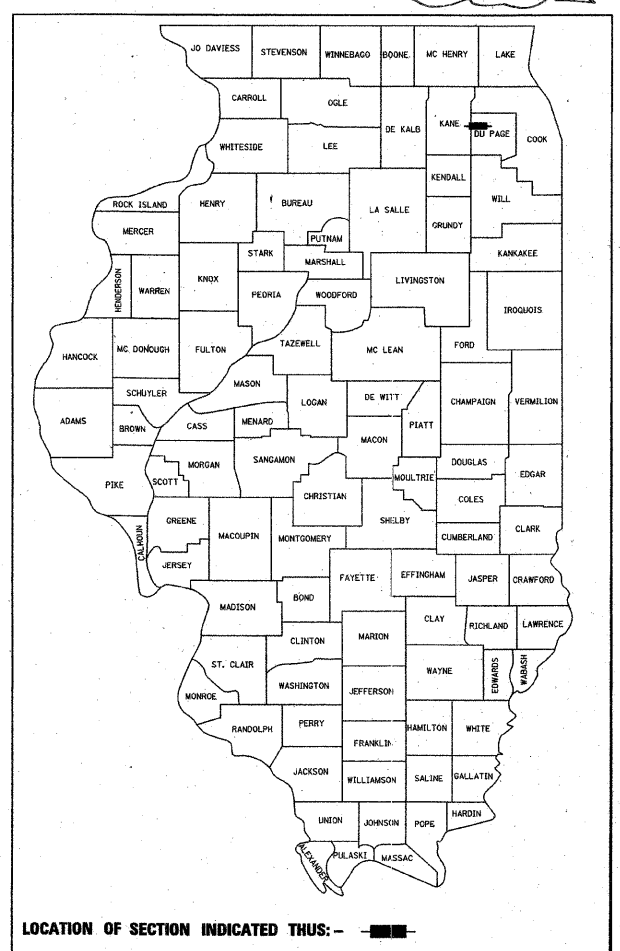
CONTRACT NO. 62410

FAP RTE. 307 OVER UPRR AND E&ERR
STRUCTURE NO. 022-0190
(STA. 3356 + 32.02 TO STA. 3359 + 30.40)
REMOVE EXISTING 6-SPAN PPC
DECK BEAM BRIDGE AND CONSTRUCT
4-SPAN CONTINUOUS COMPOSITE STEEL
WF BEAM BRIDGE ON PILE BENT
ABUTMENTS AND CONCRETE PIERS.
UTILIZE STAGED CONSTRUCTION.

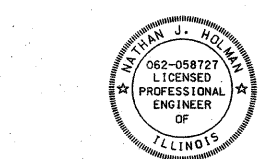
RETAINING WALLS
NORTHWEST: 022-W027
NORTHEAST: 022-W028
SOUTHWEST: 022-W029
SOUTHEAST: 022-W030



WAYNE AND ST. CHARLES TOWNSHIPS
GROSS LENGTH OF PROJECT = 19,014.01 LIN. FT. = 3.601 MILES
NET LENGTH OF PROJECT = 18,715.63 LIN. FT. = 3.545 MILES



LOCATION OF SECTION INDICATED THUS: - ■■■ -



Nathan J. Holman
NATHAN J. HOLMAN
1-15-20-03-50-12-137-227-242-223-270-384
400-402 SHEET NOS. 404-414
546-649

11/30/11
EXPIRES
5/13/11
DATE



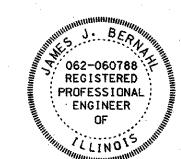
James P. Coleman
JAMES P. COLEMAN
415-443

11/30/11
EXPIRES
5/13/11
DATE



M. J. Pregmon
MATTHEW J. PREGMON
444-545

11/30/12
EXPIRES
5/13/11
DATE



James J. Bernahl
JAMES J. BERNAHL
193-198

11/30/11
EXPIRES
5-13-11
DATE



PROJECT ENDS
STA. 3421 + 89.87

Daniel Wiktorzak
DANIEL WIKTORZAK
323-327, 385-387,
395-399, SHEET NOS. 403

11/30/11
EXPIRES
5/13/11
DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: OCTOBER 31, 2011

Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
December 9 2011

Scott E. Stitt, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
December 9 2011

William R. Funder
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

AECOM 303 EAST WACKER DRIVE
SUITE 600
CHICAGO, IL 60601
(312) 938-0300

DISTRICT ONE - DESIGN /KEN ENG (847) 705-4247

Rev. 1-9-12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

62410

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STATE STANDARDS

STANDARD	DESCRIPTION
000001-00	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2 m) JOINTED PCC PAVEMENT
420106-04	36' (10.8 m) JOINTED PCC PAVEMENT
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
420601-05	24' (7.2m) PCC PAVEMENT
420701-02	PAVEMENT FABRIC
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
483001-04	PCC SHOULDER
515001-03	NAME PLATE FOR BRIDGES
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375mm) THRU 36" (900mm) DIA. AT RIGHT ANGLES WITH ROADWAY
542116-02	REINFORCED CONCRETE END SECTIONS FOR MULTIPLE (2 & 3) PIPE CULVERTS 15" (375mm) THRU 36" (900mm) DIA. AT RIGHT ANGLES WITH ROADWAY
542201-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375mm) THRU 36" (900mm) DIA. SKEWED WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-03	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600mm) THRU 54" (1350mm) PIPE)
542601-03	REINFORCED CONCRETE PIPE ELBOW
602001-02	CATCH BASIN TYPE A
602301-03	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE 8
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
631033-04	TRAFFIC BARRIER TERMINAL, TYPE 6B
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
664001-02	CHAIN LINK FENCE
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45MPH
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45MPH
701421-04	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
701422-04	LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701602-05	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-08	URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGN AND MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-03	TYPICAL PAVEMENT MARKINGS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877002-02	STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
877006-04	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011-05	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-02	STEEL COMB. MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BECON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

601101-01
 353001-04

- NOTES:**
- FOR STATE STANDARDS, USE LATEST REVISION NUMBERS AT THE TIME OF LETTING.
 - ALL WORK ALONG WEST SIDE OF POWIS ROAD AND KEIL ROAD IS TO REMAIN WITHIN THE EXISTING ROW.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

INDEX OF SHEETS
 IDOT STATE STANDARDS

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: AFC
 CHECKED BY: NJH



Rev. 1-9-12

Rev.

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	6

STA. TO STA.
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

URBAN

KANE COUNTY
100% ST. CHARLES

80% FED.
10% STATE
10% ST. CHARLES

100% ST. CHARLES

80% FED.
10% STATE
5% DUPAGE
5% W.C.

80% FED.
10% STATE
10% ST. CHARLES

80% FED./20% STATE

DUPAGE CO.
80% FED/20% ST KANE 62410

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION FUNDING CODE																									
				ROADWAY 0003				TRAFFIC SIGNALS 0021																INTERCONNECT 0021		LIGHTING 0021		BRIDGE	
				KANE	DUPAGE	DUPAGE CONTE	KANE	KANE FOXFIELD COMMONS	KANE KIRK ROAD	CHARLESTOWNE MALL WEST	38TH AVENUE	SMITH / KALTZ ROAD	PHEASANT RUN	POWS ROAD	ATLANTIC DRIVE	IL ROUTE 89	100% ST. CHARLES EVP	80% W.C. DUPAGE	KANE NHS	KANE NHS	DUPAGE NHS	KANE	DUPAGE	0010	0040	0043	80% FED 0021		
50300280	CONCRETE ENCASEMENT	CU YD	173.5																										
50300300	PROTECTIVE COAT	SQ YD	8,024																						5,225	2,799			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1																						1				
50500505	STUD SHEAR CONNECTORS	EACH	21,996																						21,996				
50800105	REINFORCEMENT BARS	POUND	7590		6346	1,244																							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	752,420																							559,490	192,930		
50800515	BAR SPLICERS	EACH	2,676																						2,676				
51201800	FURNISHING STEEL PILES HP14X73	FOOT	16,932																						16,932				
51202305	DRIVING PILES	FOOT	16,932																						16,932				
51203800	TEST PILE STEEL HP14X73	EACH	5																						5				
51204650	PILE SHOES	EACH	328																						328				
51500100	NAME PLATES	EACH	1																						1				
52000020	PREFORMED JOINT SEAL 1 3/4"	FOOT	300																						300				
52000110	PREFORMED JOINT STRIP SEAL	FOOT	299																						299				
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	52																						52				
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	52																						52				
52100520	ANCHOR BOLTS, 1"	EACH	104																						104				
52100530	ANCHOR BOLTS, 1 1/4"	EACH	104																						104				
52100540	ANCHOR BOLTS, 1 1/2"	EACH	52																						52				
54001001	BOX CULVERT END SECTION, CULVERT NO. 1	EACH	6																						6				
54001002	BOX CULVERT END SECTION, CULVERT NO. 2	EACH	4																						4				
54001003	BOX CULVERT END SECTION, CULVERT NO. 3	EACH	2																						2				
54010302	PRECAST CONCRETE BOX CULVERT 3' X 2'	FOOT	573																						573				
54010402	PRECAST CONCRETE BOX CULVERT 4' X 2'	FOOT	318																						318				
54010704	PRECAST CONCRETE BOX CULVERT 7' X 4'	FOOT	174																						174				
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	94																						94				
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3																						3				
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	7																						7				
54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	EACH	2																						2				
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6																						6				
54213672	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 27"	EACH	2																						2				

* DENOTES SPECIALTY ITEM

AECOM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SUMMARY OF QUANTITIES

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: NJH

Rev. 1-9-12

S0Q-03
 Rev.

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	15A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

URBAN KANE COUNTY KANE COUNTY DUPAGE COUNTY DUPAGE CO. KANE CO. KANE CO. 62410

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		CONSTRUCTION FUNDING CODE										INTERCONNECT		LIGHTING		DUPAGE CO.		KANE CO.		KANE CO.			
				0003		TRAFFIC SIGNALS										0021		0021		0010		0040		0043		0021	
				KANE	DUPAGE	100% ST. CHARLES	FOXFIELD COMMONS	KIRK ROAD	CHARLESTOWNE MALL WEST	38TH AVENUE	SMITH/KALTZ ROAD	PHEASANT RUN	POWIS ROAD	ATLANTIC DRIVE	IL ROUTE 59	100% ST. CHARLES EVP	100% W.C. FPD EVP	KANE NHS	KANE NHS	DUPAGE NHS	KANE	DUPAGE	BRIDGE	RETAINING WALL	CITY OF ST. CHARLES	20% ST. CHARLES SW	
X0327369	SANITARY SEWER, DUCTILE IRON, 10"	FOOT	20																								
X0327368	SANITARY SEWER, DUCTILE IRON, 12"	FOOT	20	20																							
X0327371	PLUG EXISTING PIPE	CU YD	67	51	16																						
*XX004907	GATE VALVE 12" WITH VAULT, 5' DIAMETER	EACH	5																					5			
*XX007558	GATE VALVE 6" WITH VAULT, 4' DIAMETER	EACH	1																					1			
X8302405	LIGHT POLE, ALUMINUM, 20 FT. M.H., 6 FT. MAST ARM	EACH	32																					32			
X8302415	LIGHT POLE, ALUMINUM, 20 FT. M.H., TWIN 6 FT. MAST ARM	EACH	15																					15			
XX006653	FENCE (SPECIAL)	FOOT	5,081		5,081																						
*81026464	CONDUIT ENCASED, REINFORCED CONCRETE, 6" DIA., PVC 3 WIDE X 4 HIGH	FOOT	210																					210			
*X8100053	CONDUIT ENCASED, 6" DIA., GALVANIZED STEEL	FOOT	12																					12			
*81304520	JUNCTION BOX EMBEDDED IN STRUCTURE 18"X8"X8"	EACH	4																					4			
*X8250506	LIGHTING CONTROLLER, SPECIAL	EACH	3																					3			
*56103550	DUCTILE IRON WATER MAIN, CLASS 52, 12"	FOOT	2,114																						2,114		
*Z0045450	PRESSURE CONNECTION 12" WITH VAULT 5' DIAMETER	EACH	1																						1		
*X0327367	STEEL CASING PIPE, BORE & JACK 24"	FOOT	140																						140		
*X5640050	CAP EXISTING FIRE HYDRANT	EACH	4		4																						
*X0800025	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	24																								
*87302705	ELECTRICAL CABLE AERIAL SUSPENDED, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 IC	FOOT	106																								
*X8000020	EMERGENCY VEHICLE PREEMPTION DETECTOR SUPPORT, PARAPET MOUNTED	EACH	1																								
*87702726	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS 48 FT. AND 26 FT.	EACH	1								1																
*87702742	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 50 FT. AND 22 FT.	EACH	1																								
*87704555	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 55 FT. AND 32 FT.	EACH	1																								
*87704642	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 64 FT. AND 32 FT.	EACH	1																								
*87704740	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 68 FT. AND 40 FT.	EACH	1																								
*87704844	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 70 FT. AND 44 FT.	EACH	1																								
*X8710012	FIBER OPTIC CABLE IN CONDUIT (INSTALL ONLY)	FOOT	1000																						1000		
	WALL MOUNTED SIGN SUPPORT FOR TYPE 1 PANEL (SPECIAL)	EACH	1		1																						
*X8620200	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL	EACH	8					1	1	1	1	1	1	1	1	1											
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	322																						322		
X4024100	TEMPORARY ACCESS (WINTERIZE)	SQ YD	5769	353	5416																						

* DENOTES SPECIALTY ITEM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SUMMARY OF QUANTITIES

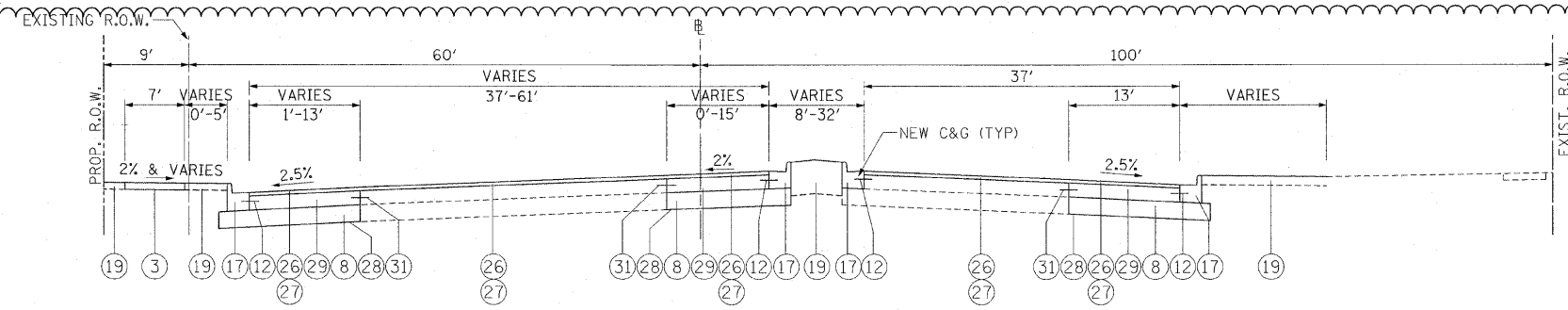
SCALE: VERT: NONE
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Rev. 1-9-12

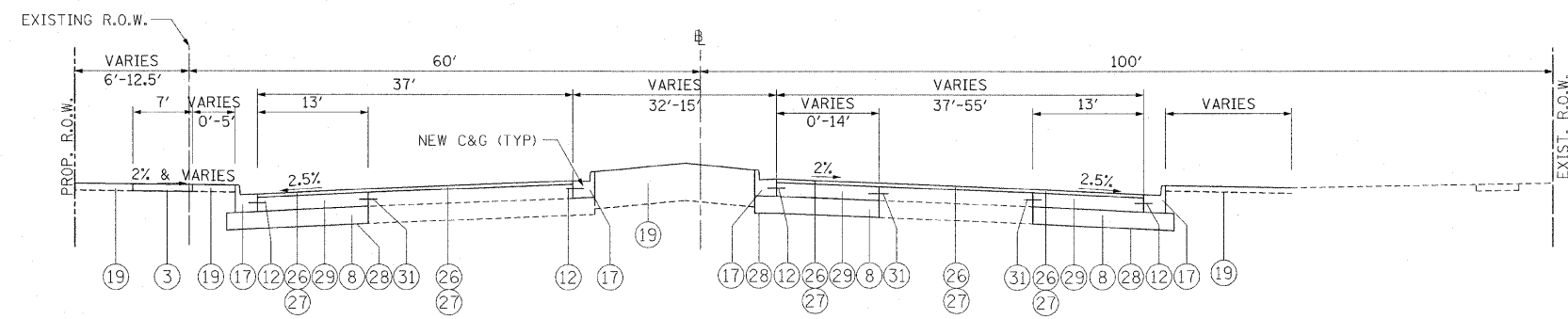
SOQ-13

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

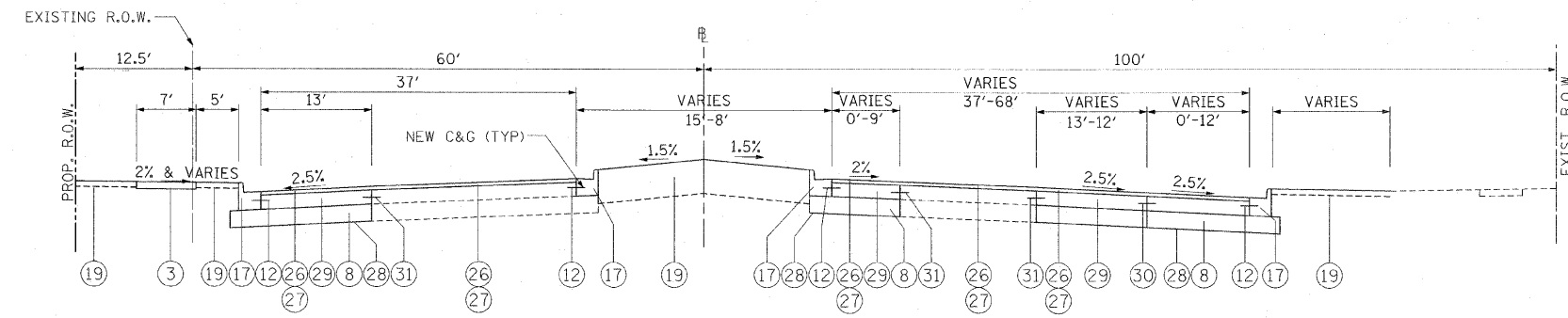
62410



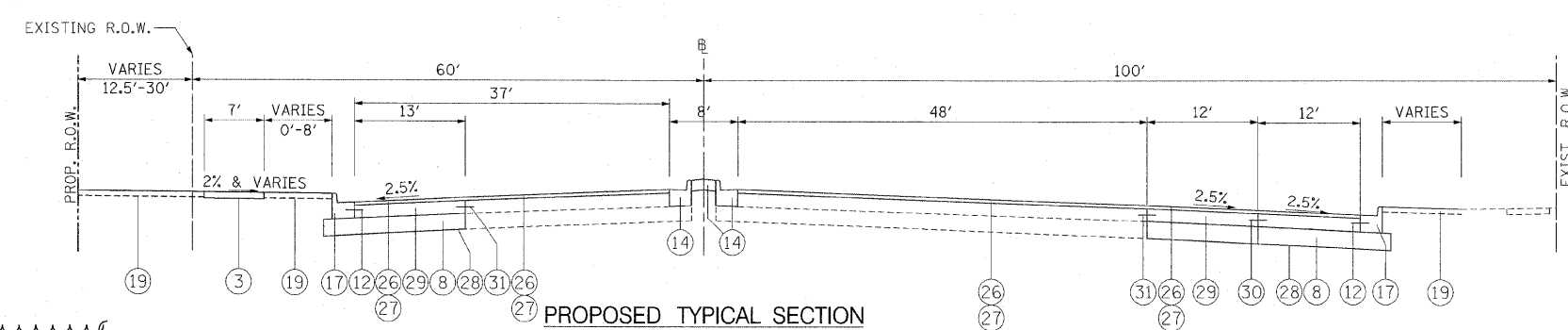
**PROPOSED TYPICAL SECTION
 NORTH AVENUE**
 STA. 3265+53.86 TO STA. 3273+00.16



**PROPOSED TYPICAL SECTION
 NORTH AVENUE**
 STA. 3273+00.16 TO STA. 3275+85.69



**PROPOSED TYPICAL SECTION
 NORTH AVENUE**
 STA. 3275+85.69 TO STA. 3278+05.69



**PROPOSED TYPICAL SECTION
 NORTH AVENUE**
 STA. 3278+05.69 TO STA. 3280+14.00

PROPOSED LEGEND:

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- 2 PORTLAND CEMENT CONCRETE SHOULDERS 10"
- 3 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 4 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"
- 5 HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50; 2-1/4"
- 6 HOT-MIX ASPHALT BASE COURSE, 7"
- 7 STABILIZED SUB-BASE 4 1/2"
- 8 AGGREGATE SUBGRADE 12"
- 9 AGGREGATE SHOULDERS TYPE B, 10"
- 10 SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 11 #8 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT - JOINTED)
- 12 #6 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN PRICE FOR BID FOR CURB AND GUTTER OR PCC SHOULDER)
- 13 DRILL AND GROUT BARS (#8 TIE BARS, 24" LONG AT 24" C-C) (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
- 14 CONCRETE MEDIAN TYPE SB-6.24 (GUTTER SLOPE =6%)
- 15 CONCRETE MEDIAN SURFACE, 4 INCH
- 16 SUB-BASE GRANULAR MATERIAL, TYPE B
- 17 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 18 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24
- 19 SEE LANDSCAPING SHEETS FOR MIX SEEDING
- 23 CONCRETE PARAPET
- 24 MSE RETAINING WALL
- 25 CONCRETE MEDIAN TYPE SB-9.24 (GUTTER SLOPE =6%)
- 26 POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "F", N90; 1-3/4"
- 27 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N-50; 3/4"
- 28 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 29 PORTLAND CEMENT CONCRETE BASE COURSE 10"*
- 30 #6 TIE BARS, 24" LONG AT 24" C-C
- 31 DRILL AND GROUT BARS (#6 TIE BARS, 24" LONG AT 24" C-C)

* NOTE:
 WHEN WIDENING THE EXISTING PAVEMENT WHICH DOES NOT EXCEED 6 FT IN WIDTH, IT SHOULD BE PAID FOR AS PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10".

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

RAILROAD ACCESS ROAD	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50; 2-1/4"	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 7" (HMA BINDER IL-19mm IN 2 LIFTS)	4% @ 50 GYR.
NORTH AVENUE RECONSTRUCTION	
STABILIZED SUB-BASE, 4 1/2"	2% @ 30 GYR.
NORTH AVENUE RESURFACING	
POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "F", N90; 1-3/4"	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N-50; 3/4"	3.5% @ 50 GYR.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0 mm, N50; 10" (IN 2 LIFTS)	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-19mm); 2"	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. FOR PERCENT OF RAP, SEE DISTRICT ONE SPECIAL PROVISIONS. THE "AC-TYPE" FOR NON-POLYMERIZED HMA MIXES SHALL BE PG 64-22 UNLESS MODIFIED BY THE DISTRICT ONE SPECIAL PROVISIONS.

PRTYP-01

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

PROPOSED TYPICAL SECTIONS

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JWM
 CHECKED BY: RMG

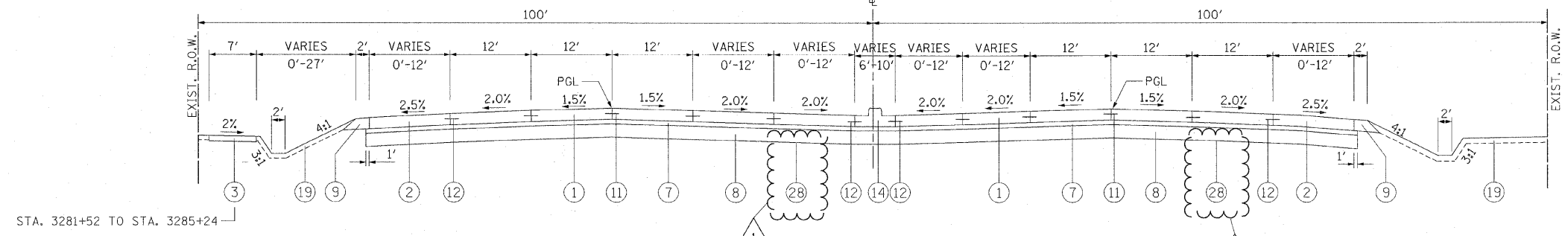


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	25
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

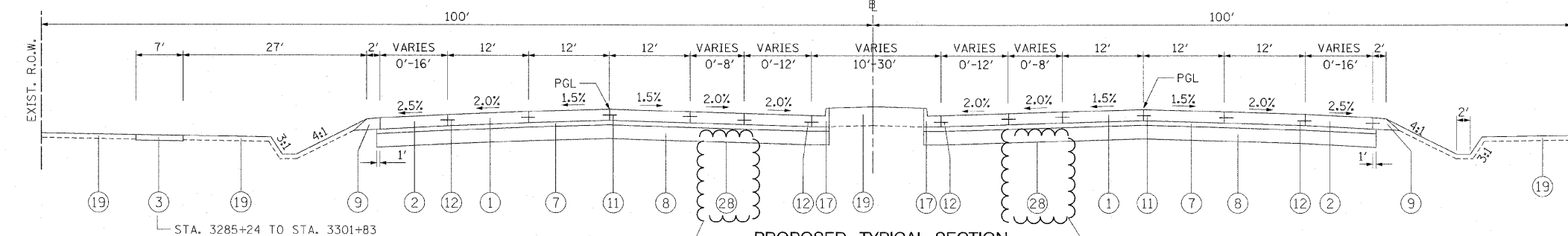
PROPOSED LEGEND:

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- 2 PORTLAND CEMENT CONCRETE SHOULDERS 10"
- 3 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 4 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"
- 5 HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50; 2-1/4"
- 6 HOT-MIX ASPHALT BASE COURSE, 7"
- 7 STABILIZED SUB-BASE 4 1/2"
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(INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT - JOINTED)
- 12 #6 TIE BARS, 24" LONG AT 24" C-C
(INCLUDED IN PRICE FOR BID FOR CURB AND GUTTER OR PCC SHOULDER)
- 13 DRILL AND GROUT BARS (#8 TIE BARS, 24" LONG AT 24" C-C)
(INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
- 14 CONCRETE MEDIAN TYPE SB-6.24 (GUTTER SLOPE =6%)
- 15 CONCRETE MEDIAN SURFACE, 4 INCH
- 16 SUB-BASE GRANULAR MATERIAL, TYPE B
- 17 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 18 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24
- 19 SEE LANDSCAPING SHEETS FOR MIX SEEDING
- 23 CONCRETE PARAPET
- 24 MSE RETAINING WALL
- 25 CONCRETE MEDIAN TYPE SB-9.24 (GUTTER SLOPE =6%)
- 26 POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "F", N90; 1-3/4"
- 27 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N-50; 3/4"
- 28 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



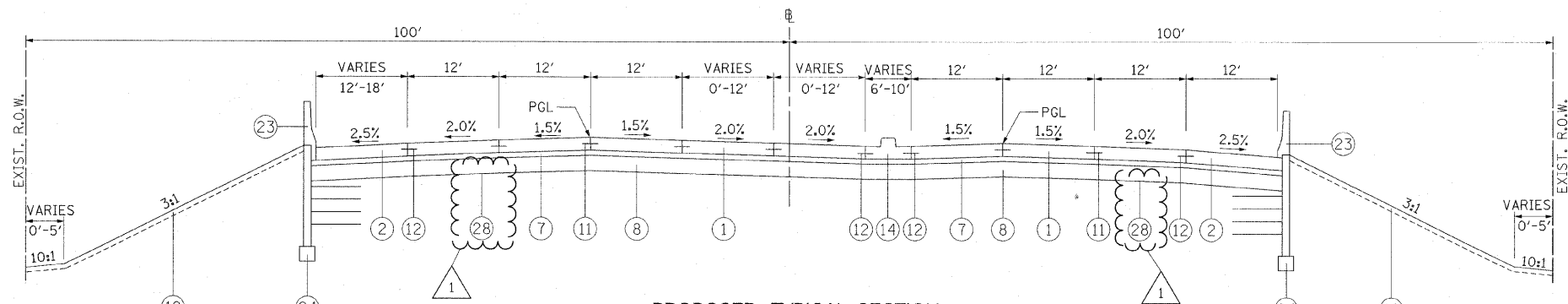
**PROPOSED TYPICAL SECTION
 NORTH AVENUE**

STA. 3280+14.00 TO STA. 3285+58.22
 STA. 3375+15.00 TO STA. 3378+88.39
 STA. 3385+70.00 TO STA. 3389+51.39
 STA. 3401+82.86 TO STA. 3405+38.60



**PROPOSED TYPICAL SECTION
 NORTH AVENUE**

STA. 3285+58.22 TO STA. 3347+35.06
 STA. 3367+57.06 TO STA. 3375+15.00
 STA. 3378+88.39 TO STA. 3385+70.00
 STA. 3389+51.39 TO STA. 3415+78.13



**PROPOSED TYPICAL SECTION
 NORTH AVENUE**

STA. 3347+35.06 TO STA. 3352+39.70

GUARDRAIL FROM STA. 3349+75.50 TO STA. 3350+69
 (IN PLACE OF MSE RETAINING WALL)



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

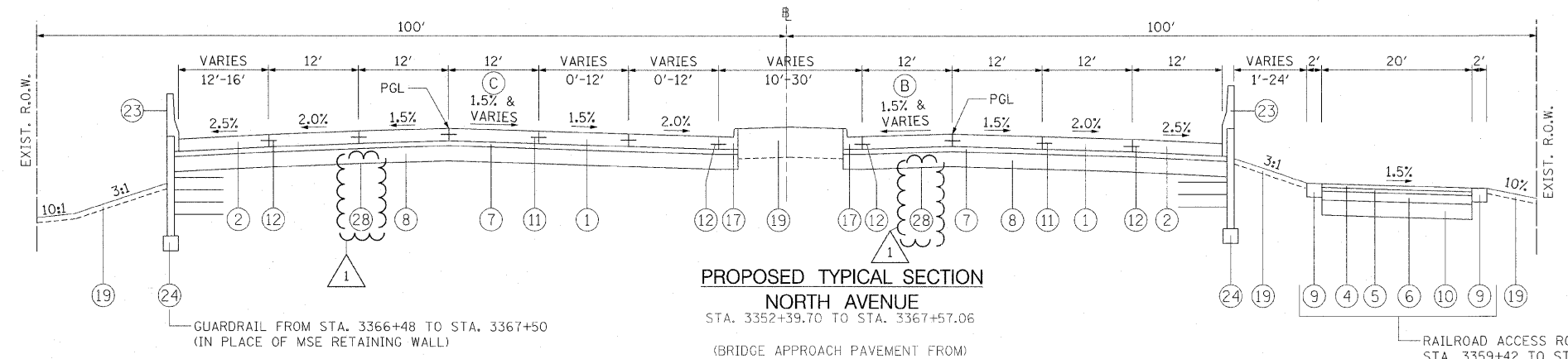
PROPOSED TYPICAL SECTIONS

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JWM
 CHECKED BY: RMG

PRTYP-02

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



**PROPOSED TYPICAL SECTION
 NORTH AVENUE**

STA. 3352+39.70 TO STA. 3367+57.06

(BRIDGE APPROACH PAVEMENT FROM)
 STA. 3355+62.70 TO STA. 3356+32.02
 STA. 3359+30.40 TO STA. 3359+99.72

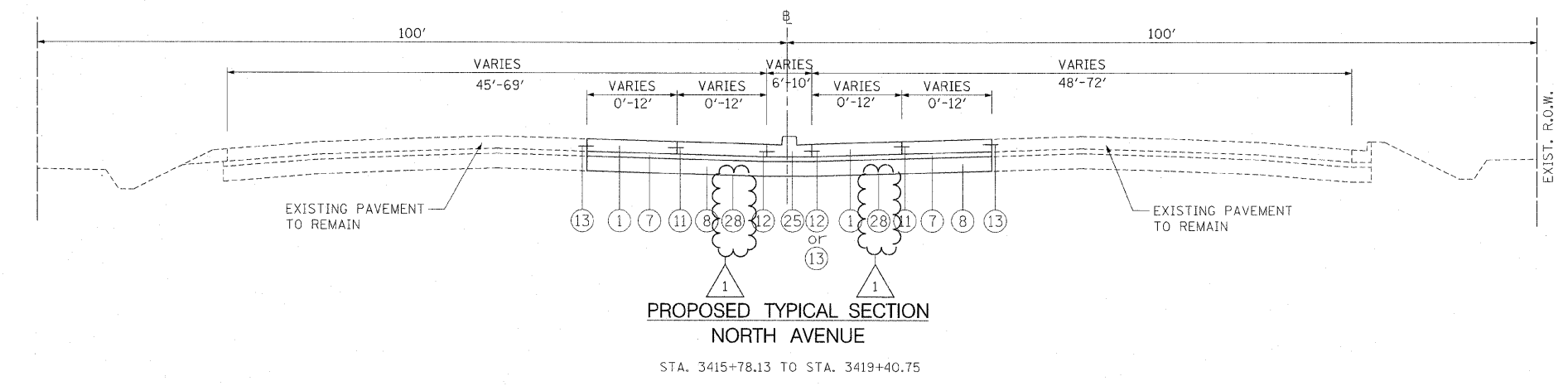
BRIDGE OMISSION
 STA. 3356+32.02 TO STA. 3359+30.40
 (SEE STRUCTURAL SHEETS)

(C) STA. 3355+15.02 TO STA. 3355+87.02 (ROADWAY SLOPE
 TRANSITIONS FROM -1.5% TO 1.5%)
 STA. 3359+51.27 TO STA. 3360+23.27 (ROADWAY SLOPE
 TRANSITIONS FROM 1.5% TO -1.5%)

(B) STA. 3355+39.15 TO STA. 3356+11.15 (ROADWAY SLOPE
 TRANSITIONS FROM -1.5% TO 1.5%)
 STA. 3359+76.84 TO STA. 3360+48.84 (ROADWAY SLOPE
 TRANSITIONS FROM 1.5% TO -1.5%)

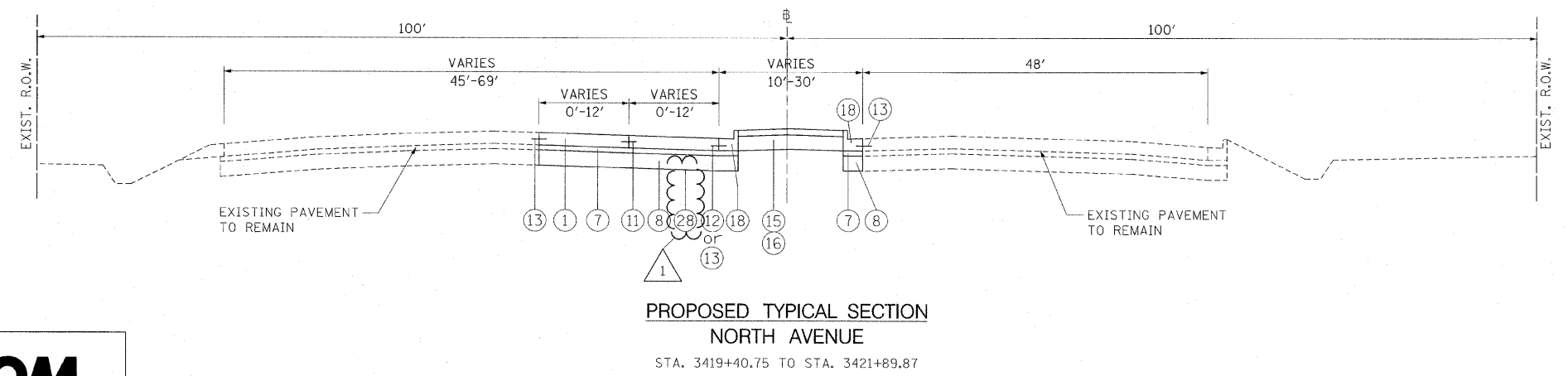
PROPOSED LEGEND:

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- 2 PORTLAND CEMENT CONCRETE SHOULDERS 10"
- 3 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 4 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"
- 5 HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50; 2-1/4"
- 6 HOT-MIX ASPHALT BASE COURSE, 7"
- 7 STABILIZED SUB-BASE 4 1/2"
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- 9 AGGREGATE SHOULDERS TYPE B, 10"
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- 14 CONCRETE MEDIAN TYPE SB-6.24 (GUTTER SLOPE =6%)
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- 27 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N-50; 3/4"
- 28 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



**PROPOSED TYPICAL SECTION
 NORTH AVENUE**

STA. 3415+78.13 TO STA. 3419+40.75



**PROPOSED TYPICAL SECTION
 NORTH AVENUE**

STA. 3419+40.75 TO STA. 3421+89.87



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

PROPOSED TYPICAL SECTIONS

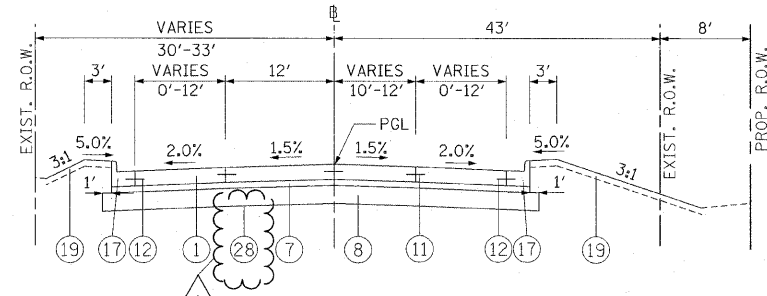
SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: JWM
 CHECKED BY: RMG

PRTYP-03

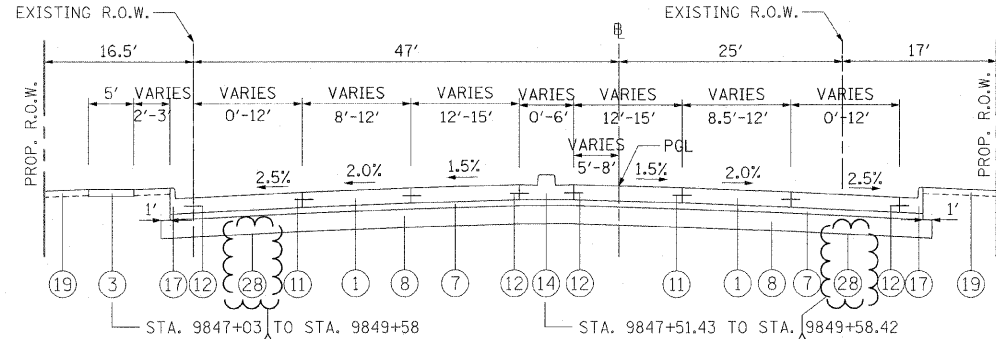
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



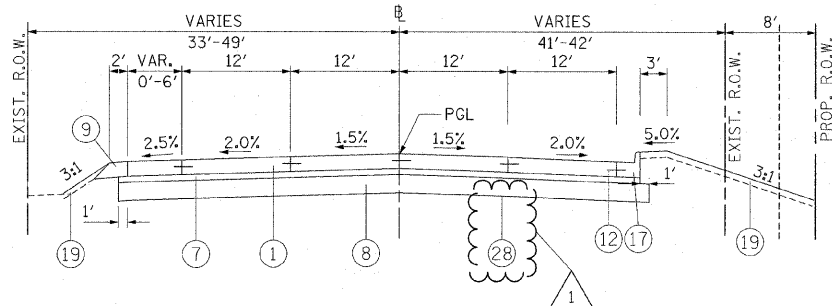
**PROPOSED TYPICAL SECTION
 POWIS ROAD**

STA. 6579+61.51 TO STA. 6584+09.59



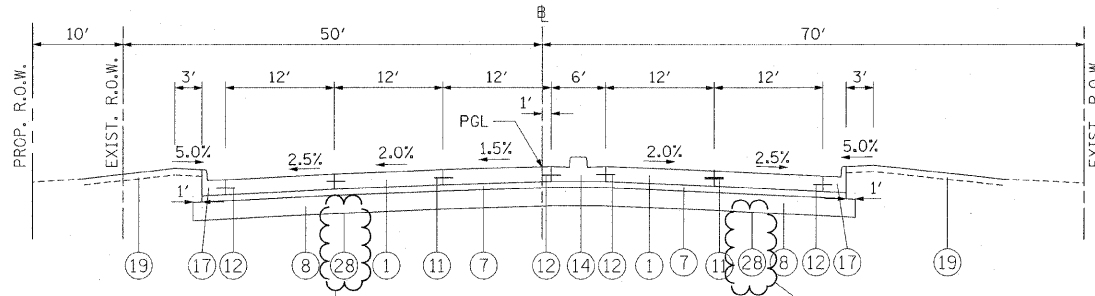
**PROPOSED TYPICAL SECTION
 KAUTZ ROAD**

STA. 9841+67.29 TO STA. 9849+58.42



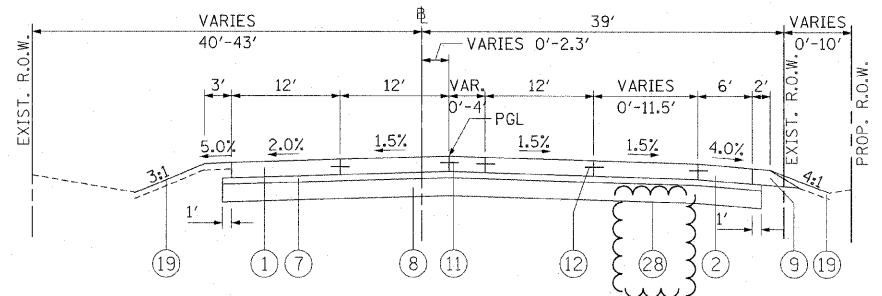
**PROPOSED TYPICAL SECTION
 POWIS ROAD**

STA. 6584+09.59 TO STA. 6590+95.05



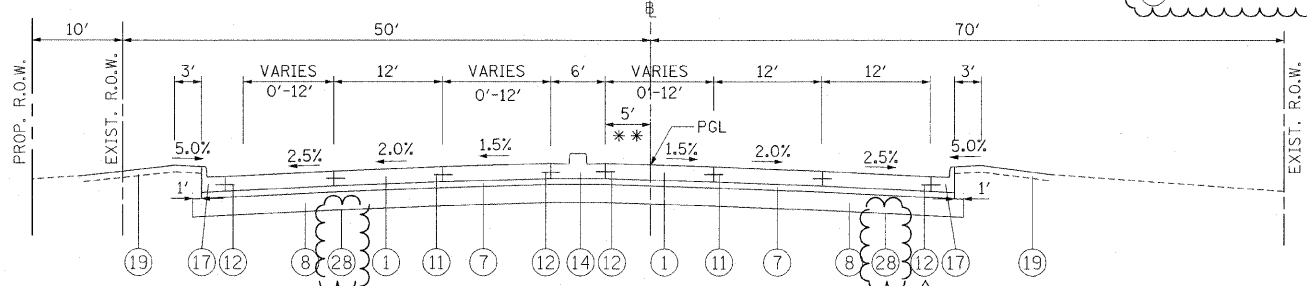
**PROPOSED TYPICAL SECTION
 SMITH ROAD**

STA. 9851+19.21 TO STA. 9853+21.85



**PROPOSED TYPICAL SECTION
 POWIS ROAD**

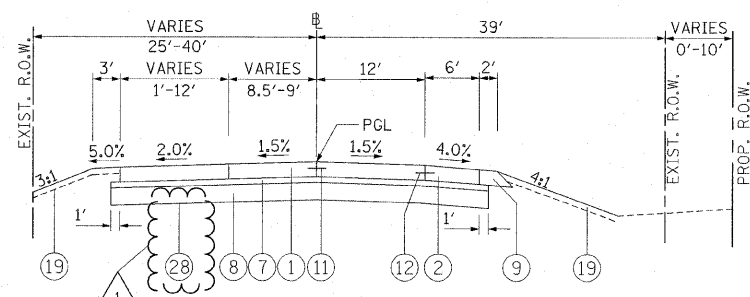
STA. 6592+62.46 TO STA. 6598+43.67



**PROPOSED TYPICAL SECTION
 SMITH ROAD**

STA. 9853+21.85 TO STA. 9856+43.84

** THIS DIMENSION VARIES FROM 7' RT TO 5' LT OF BASELINE FROM STA. 9853+36.65 TO STA. 9855+01.85



**PROPOSED TYPICAL SECTION
 POWIS ROAD**

STA. 6598+43.67 TO STA. 6602+50.46

- PROPOSED LEGEND:**
- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
 - ② PORTLAND CEMENT CONCRETE SHOULDERS 10"
 - ③ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
 - ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"
 - ⑤ HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50; 2-1/4"
 - ⑥ HOT-MIX ASPHALT BASE COURSE, 7"
 - ⑦ STABILIZED SUB-BASE 4 1/2"
 - ⑧ AGGREGATE SUBGRADE 12"
 - ⑨ AGGREGATE SHOULDERS TYPE B, 10"
 - ⑩ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
 - ⑪ #8 TIE BARS, 24" LONG AT 24" C-C
(INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT - JOINTED)
 - ⑫ #6 TIE BARS, 24" LONG AT 24" C-C
(INCLUDED IN PRICE FOR BID FOR CURB AND GUTTER OR PCC SHOULDER)
 - ⑬ DRILL AND GROUT BARS (#8 TIE BARS, 24" LONG AT 24" C-C)
(INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
 - ⑭ CONCRETE MEDIAN TYPE SB-6.24 (GUTTER SLOPE =6%)
 - ⑮ CONCRETE MEDIAN SURFACE, 4 INCH
 - ⑯ SUB-BASE GRANULAR MATERIAL, TYPE B
 - ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑱ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24
 - ⑲ SEE LANDSCAPING SHEETS FOR MIX SEEDING
 - ⑳ CONCRETE PARAPET
 - ㉑ MSE RETAINING WALL
 - ㉒ CONCRETE MEDIAN TYPE SB-9.24 (GUTTER SLOPE =6%)
 - ㉓ POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "F", N90; 1-3/4"
 - ㉔ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N-50; 3/4"
 - ㉕ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

PROPOSED TYPICAL SECTIONS

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: NJH

PRTYP-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

STRUCTURE SCHEDULE OF DRIVEWAY CULVERTS - NORTH AVENUE

STR. NO	STATION OFFSET	PAY ITEM	N. INVERT (FT.)	W. INVERT (FT.)	S. INVERT (FT.)	E. INVERT (FT.)
S 500	328630, 78.7' LT	PRCF END S EL EQRS 18	-	758.63	-	-
S 501	328704, 76.4' LT	PRCF END S EL EQRS 18	-	-	-	758.92
S 509	3291+92, 74.5' LT	PRC FLAR END SEC 12	-	760.64	-	-
S 510	3292+34, 75.0' LT	PRC FLAR END SEC 12	-	-	-	760.80
S 512	3292+46, 82.1' RT	PRC FLAR END SEC 12	-	758.85	-	-
S 513	3293+33, 82.4' RT	PRC FLAR END SEC 12	-	-	-	759.11
S 515	3294+13, 74.8' LT	PRC FLAR END SEC 12	-	761.43	-	-
S 516	3294+48, 75.2' LT	PRC FLAR END SEC 12	-	-	-	761.57
S 518	3301+60, 84.3' RT	PRC FLAR END SEC 12	-	759.68	-	-
S 519	3302+89, 85.9' RT	PRC FLAR END SEC 12	-	-	-	758.92
S 521	3301+73, 77.4' LT	PRC FLAR END SEC 12	-	760.32	-	-
S 522	3303+02, 79.2' LT	PRC FLAR END SEC 12	-	-	-	759.64
S 524	3306+14, 80.7' LT	PRC FLAR END SEC 12	-	757.47	-	-
S 525	3306+60, 80.7' LT	PRC FLAR END SEC 12	-	-	-	757.02
S 527	3307+34, 81.0' RT	PRC FLAR END SEC 12	-	756.30	-	-
S 528	3307+86, 81.3' RT	PRC FLAR END SEC 12	-	-	-	756.00
S 530	3307+36, 80.5' LT	PRC FLAR END SEC 12	-	756.49	-	-
S 531	3307+76, 80.2' LT	PRC FLAR END SEC 12	-	-	-	756.33
S 533	3308+27, 79.8' LT	PRC FLAR END SEC 12	-	756.12	-	-
S 534	3308+86, 79.6' LT	PRC FLAR END SEC 12	-	-	-	755.89
S 536	3313+44, 81.9' LT	PRC FLAR END SEC 21	-	754.90	-	-
S536B	3313+98, 82.2' LT	MAN TA 5 DIA TIF CL	-	754.69	-	754.69
S 537	3314+17, 82.9' LT	PRC FLAR END SEC 21	-	-	-	754.63
S536A	3322+14, 78.5' LT	PRC FLAR END SEC 12	-	758.49	-	-
S537A	3322+56, 78.5' LT	PRC FLAR END SEC 12	-	-	-	758.15
S 539	3323+50, 80.3' LT	PRC FLAR END SEC 12	-	757.40	-	-
S 539A	301+07, 26.3' LT	PRC FLAR END SEC 12	-	-	756.77	-
S 539B	302+62, 26.3' LT	CONCRETE COLLAR	755.77	-	-	-
S 540	3324+33, 82.5' LT	PRC FLAR END SEC 12	-	-	-	756.74
S 542	3325+95, 86.2' LT	PRC FLAR END SEC 12	-	755.45	-	-
S 543	3326+37, 85.2' LT	PRC FLAR END SEC 12	-	-	-	755.29
S 545	3327+49, 84.1' LT	PRC FLAR END SEC 12	-	754.99	-	-
S 546	3328+04, 84.2' LT	PRC FLAR END SEC 12	-	-	-	754.78
S 548	3328+52, 83.6' LT	PRC FLAR END SEC 12	-	754.67	-	-
S 549	3328+97, 83.4' LT	PRC FLAR END SEC 12	-	-	-	754.50
S 551	3329+59, 80.6' LT	PRC FLAR END SEC 12	-	754.33	-	-
S 552	3329+95, 79.0' LT	PRC FLAR END SEC 12	-	-	-	754.20
S 554	3332+35, 80.1' RT	PRC FLAR END SEC 12	-	753.54	-	-
S 555	3333+23, 79.8' RT	PRC FLAR END SEC 12	-	-	-	753.18
S 557	3335+45, 79.2' LT	PRC FLAR END SEC 12	-	752.56	-	-
S 558	3335+83, 79.2' LT	PRC FLAR END SEC 12	-	-	-	752.42
S 560	3347+02, 88.7' LT	PRC FLAR END SEC 12	-	755.34	-	-
S 561	3348+47, 93.8' LT	PRC FLAR END SEC 12	-	-	-	758.34
S 563	3347+42, 91.6' RT	PRC FLAR END SEC 12	-	755.96	-	-
S 564	3348+85, 99.6' RT	PRC FLAR END SEC 12	-	-	-	760.58
S 566	3367+46, 132.0' RT	PRC FLAR END SEC 12	-	756.15	-	-
S 567	3367+97, 132.4' RT	PRC FLAR END SEC 12	-	-	-	756.48
S 572	3375+19, 83.7' RT	PRC FLAR END SEC 12	-	755.74	-	-
S 573	3376+04, 92.5' RT	PRC FLAR END SEC 12	-	-	-	754.37
S 575	3381+06, 89.1' RT	PRC FLAR END SEC 12	-	753.62	-	-
S 576	3381+78, 87.9' RT	PRC FLAR END SEC 12	-	-	-	753.93
S 577A	3377+11, 88.6' RT	PRC FLAR END SEC 12	-	752.65	-	-
S 577B	3377+38, 88.7' RT	PRC FLAR END SEC 12	-	-	-	752.21
S 578	3386+06, 86.7' RT	PRC FLAR END SEC 12	-	755.73	-	-
S 579	3386+67, 86.5' RT	PRC FLAR END SEC 12	-	-	-	756.02



SCHD-4

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SCHEDULE OF DRAINAGE QUANTITIES

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: EBY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410

STRUCTURE SCHEDULE OF DRIVEWAY CULVERTS - NORTH AVENUE

STR. NO	STATION OFFSET	PAY ITEM	N. INVERT	W. INVERT	S. INVERT	E. INVERT
			(FT.)	(FT.)	(FT.)	(FT.)
S 578A	3378+75, 86.4' RT	PRC FLAR END SEC 12	-	752.65	-	-
S 578B	3378+34, 86.3' RT	PRC FLAR END SEC 12	-	-	-	752.47
S 579A	3388+17, 82.4' LT	PRC FLAR END SEC 12	-	756.62	-	-
S 579B	3387+81, 82.3' LT	PRC FLAR END SEC 12	-	-	-	756.47
S 581	3392+27, 89.4' RT	PRC FLAR END SEC 12	-	758.53	-	-
S 582	3392+81, 88.7' RT	PRC FLAR END SEC 12	-	-	-	759.12
S 584	3399+69, 75.0' LT	PRC FLAR END SEC 12	-	767.67	-	-
S 585	3400+20, 74.5' LT	PRC FLAR END SEC 12	-	-	-	768.16
S 586	3412+47, 84.1' RT	PRC FLAR END SEC 18	-	-	-	773.28
S 587	3413+14, 81.5' RT	PRC FLAR END SEC 18	-	774.20	-	-
S 588	3412+47, 86.6' RT	PRC FLAR END SEC 18	-	-	-	773.28
S 589	3413+14, 84.0' RT	PRC FLAR END SEC 18	-	774.20	-	-

PIPE SCHEDULE OF DRIVEWAY CULVERTS - NORTH AVENUE

PIPE NO.	UP	UP	DOWN	DOWN	PIPE LENGTH (FEET)	PIPE DIA. (INCHES)	PIPE SLOPE (%)	PAY ITEM DESCRIPTION	TRENCH BACKFILL (CU YD)
	STREAM STR. NO.	STREAM INVERT	STREAM STR. NO.	STREAM INVERT					
P 500	S 501	758.92	S 500	758.63	66	18	0.44	SS CL A 1 EQRS 18	8.50
P 509	S 510	760.80	S 509	760.64	35	12	0.46	P CUL CL A 1 12	3.10
P 512	S 513	759.11	S 512	758.85	79	12	0.33	P CUL CL A 1 12	12.00
P 515	S 516	761.57	S 515	761.43	31	12	0.46	P CUL CL A 1 12	1.80
P 518	S 518	759.68	S 519	758.92	122	12	0.63	P CUL CL A 1 12	8.00
P 521	S 521	760.32	S 522	759.64	122	12	0.56	P CUL CL A 1 12	3.10
P 524	S 524	757.47	S 525	757.02	38	12	1.19	P CUL CL A 1 12	4.20
P 527	S 527	756.30	S 528	756.00	44	12	0.69	P CUL CL A 1 12	8.80
P 530	S 530	756.49	S 531	756.33	33	12	0.49	P CUL CL A 1 12	1.70
P 533	S 533	756.12	S 534	755.89	52	12	0.45	P CUL CL A 1 12	6.10
P 536	S 536	754.90	S 536B	754.69	48	12	0.44	P CUL CL A 1 21	3.80
P 536A	S 536A	758.49	S 537A	758.15	36	12	0.95	P CUL CL A 1 12	4.70
P 536B	S 536B	754.69	S 537	754.63	12	12	0.51	STORM SEW CL A 2 21	0.90
P 539	S 539	757.40	S 540	756.74	77	12	0.86	P CUL CL A 1 12	0.00
P 539A	S 539A	756.77	S 539B	755.65	190	12	0.60	P CUL CL A 1 12	2.10
P 542	S 542	755.45	S 543	755.29	36	12	0.45	P CUL CL A 1 12	5.80
P 545	S 545	754.99	S 546	754.78	48	12	0.44	P CUL CL A 1 12	5.70
P 548	S 548	754.67	S 549	754.50	38	12	0.45	P CUL CL A 1 12	6.90
P 551	S 551	754.33	S 552	754.20	29	12	0.45	P CUL CL A 1 12	3.80
P 554	S 554	753.54	S 555	753.18	81	12	0.45	P CUL CL A 1 12	8.40
P 557	S 557	752.56	S 558	752.42	31	12	0.46	P CUL CL A 1 12	2.50
P 560	S 561	758.34	S 560	755.34	138	12	2.18	P CUL CL A 1 12	17.30
P 563	S 564	760.58	S 563	755.96	136	12	3.40	P CUL CL A 1 12	9.80
P 566	S 567	756.48	S 566	756.15	54	12	0.62	P CUL CL A 1 12	12.30
P 572	S 572	755.74	S 573	754.37	80	12	1.72	P CUL CL A 1 12	9.10
P 575	S 576	753.93	S 575	753.62	65	12	0.48	P CUL CL A 1 12	13.30
P 577A	S 577A	752.65	S 577B	752.21	23	12	1.92	P CUL CL A 1 12	7.80
P 578	S 579	756.02	S 578	755.73	66	12	0.44	P CUL CL A 1 12	9.10
P 578A	S 578A	752.65	S 578B	752.47	40	12	0.45	P CUL CL A 1 12	11.20
P 579A	S 579A	756.62	S 579B	756.47	28	12	0.54	P CUL CL A 1 12	7.00
P 581	S 582	759.12	S 581	758.53	46	12	1.29	P CUL CL A 1 12	6.80
P 584	S 585	768.16	S 584	767.67	44	12	1.12	P CUL CL A 1 12	7.50
P 586	S 587	774.20	S 586	773.28	61	18	1.51	P CUL CL A 1 18	9.60
P 588	S 589	774.20	S 588	773.28	61	18	1.51	P CUL CL A 1 18	9.60

SCHD-5



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SCHEDULE OF DRAINAGE QUANTITIES

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: EEF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

STRUCTURE SCHEDULE OF CULVERTS - POWIS ROAD

STR. NO	STATION OFFSET	PAY ITEM	N. INVERT	W. INVERT	S. INVERT	E. INVERT
			(FT.)	(FT.)	(FT.)	(FT.)
S 450	6581+95, 35.5' RT	PRC FLAR END SEC 24	750.67	-	-	-
S 451	6581+47, 35.5' RT	PRC FLAR END SEC 24	-	-	750.53	-
S 452	6580+70, 35.5' RT	PRC FLAR END SEC 24	750.30	-	-	-
S 455	6579+66, 35.5' RT	PRC FLAR END SEC 24	-	-	750.01	-
S 460	6593+83, 45.7' RT	PRC FLAR END SEC 12	-	-	755.56	-
S 461	6594+33, 43.3' RT	PRC FLAR END SEC 12	755.36	-	-	-
S 463	6594+81, 41.2' RT	PRC FLAR END SEC 12	-	-	755.15	-
S 464	6595+19, 39.4' RT	PRC FLAR END SEC 12	754.99	-	-	-
S 466	6595+63, 37.4' RT	PRC FLAR END SEC 12	-	-	754.81	-
S 467	6595+99, 35.7' RT	PRC FLAR END SEC 12	754.66	-	-	-
S 469	6596+22, 33.0' RT	PRC FLAR END SEC 12	-	-	-	754.55
S 470	6596+22, 33.2' LT	PRC FLAR END SEC 12	-	754.32	-	-
S 472	6596+28, 33.0' RT	PRC FLAR END SEC 12	-	-	-	754.55
S 473	6596+28, 33.2' LT	PRC FLAR END SEC 12	-	754.32	-	-
S 475	6596+44, 32.5' RT	PRC FLAR END SEC 12	-	-	754.66	-
S 476	6596+87, 32.3' RT	PRC FLAR END SEC 12	754.83	-	-	-
S 478	6597+71, 32.3' RT	PRC FLAR END SEC 12	-	-	-	754.24
S 479	6597+71, 32.5' LT	PRC FLAR END SEC 12	-	754.02	-	-
S 481	6597+78, 32.3' RT	PRC FLAR END SEC 12	-	-	-	754.24
S 482	6597+78, 32.5' LT	PRC FLAR END SEC 12	-	754.02	-	-
S 483	6598+06, 36.1' RT	PRC FLAR END SEC 12	754.30	-	-	-
S 484	6598+54, 33.7' RT	PRC FLAR END SEC 12	-	-	754.36	-
S 485	6601+50, 25.0' RT	PRC FLAR END SEC 12	-	-	754.72	-
S 486						
S 488						

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PIPE SCHEDULE OF CULVERTS - POWIS ROAD

PIPE NO.	UP STREAM STR. NO.	UP STREAM INVERT	DOWN STREAM STR. NO.	DOWN STREAM INVERT	PIPE LENGTH (FEET)	PIPE DIA. (INCHES)	PIPE SLOPE (%)	PAY ITEM DESCRIPTION	TRENCH BACKFILL (CY)
P 450	S 450	750.67	S 451	750.53	37	24	0.28	P CUL CL A 1 24	4.10
P 452	S 452	750.30	S 455	750.01	93	24	0.28	P CUL CL A 1 24	14.60
P 460	S 460	755.56	S 461	755.36	51	12	0.40	P CUL CL A 1 12	8.30
P 463	S 463	755.15	S 464	754.99	39	12	0.40	P CUL CL A 1 12	1.80
P 466	S 466	754.81	S 467	754.66	37	12	0.40	P CUL CL A 1 12	1.30
P 469	S 469	754.55	S 470	754.32	57	12	0.40	P CUL CL A 1 12	1.40
P 472	S 472	754.55	S 473	754.32	57	12	0.40	P CUL CL A 1 12	1.40
P 476	S 476	754.83	S 475	754.66	43	12	0.40	P CUL CL A 1 12	2.40
P 478	S 478	754.24	S 479	754.02	56	12	0.40	P CUL CL A 1 12	0.70
P 481	S 481	754.24	S 482	754.02	56	12	0.40	P CUL CL A 1 12	0.70
P 484	S 484	754.36	S 483	754.30	48	12	0.12	P CUL CL A 1 12	1.30
P 485	EX	754.83	S 485	754.72	93	12	0.12	P CUL CL A 1 12	11.20
P 486									
P 487									

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REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SCHEDULE OF DRAINAGE QUANTITIES

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: EY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	39
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

SCHEDULE OF DRAINAGE STRUCTURES - NORTH AVENUE

STR. NO	STATION OFFSET	PAY ITEM	RIM (FT.)	N. INVERT (FT.)	W. INVERT (FT.)	S. INVERT (FT.)	E. INVERT (FT.)
S 198	3338+75, 6.1' RT	MAN TA 8 DIA T1F CL*	755.99	751.65 (NW)	751.65	751.65 (S & SW)	751.65
S 199	3338+65, 15.0' RT	CB TA 4 DIA T24F&G*	755.51	751.71 (NE)	-	-	-
RST 04	3338+75, 53.5' RT	MH TA 6D W/2 T1FCL RP*	755.13	751.56	-	751.56	-
FES 05	3338+75, 70.6' RT	PRCF END S EL EQRS 27	INV 751.53	751.53	-	-	-
S 200A	3339+50, 15.0' LT	CB TA 4 DIA T24F&G*	755.11	-	-	751.98	-
S 201	3339+50, 5.8' RT	MAN TA 4 DIA T1F CL*	755.71	751.89	751.89	751.89	751.89
S 202	3339+50, 15.0' RT	CB TA 4 DIA T24F&G*	755.11	751.93	-	-	-
S 203A	3339+94, 15.0' LT	CB TA 4 DIA T24F&G*	755.07	-	-	752.12	-
S 204	3339+94, 5.6' RT	MAN TA 4 DIA T1F CL*	755.67	752.03	752.03	752.03	-
S 205	3339+94, 15.0' RT	CB TA 4 DIA T24F&G*	755.07	752.07	-	-	-
S 205A	3340+60.87, 80.4' RT	CB TA 4 DIA T8G*	751.05	-	749.36	-	748.35
S 205B	3340+81.96, 92.7' RT	MAN TA 4 DIA T1F CL*	752.62	748.24	748.24	-	748.24
S 206	3341+25, 15.0' LT	CB TA 4 DIA T24F&G*	755.42	-	-	752.71	-
S 207	3341+25, 5.6' RT	MAN TA 4 DIA T1F CL*	756.06	752.62	-	752.62	752.62
S 208	3341+25, 15.0' RT	CB TA 4 DIA T24F&G*	755.42	752.66	-	-	-
S 209	3342+95, 15.0' LT	INLETS TA T24F&G	756.12	-	-	-	752.96
S 210	3342+75, 5.3' RT	MAN TA 7 DIA T1F CL*	756.69	752.14 (NW)	752.14	752.14	752.14
S 211	3342+65, 15.0' RT	CB TA 4 DIA T24F&G*	756.12	752.20 (NE)	-	-	-
RST 05	3342+75, 56.9' RT	MH TA 6D W/2 T1FCL RP*	755.76	752.07	-	752.07	-
FES 06	3342+75, 73.3' RT	PRCF END S EL EQRS 30	INV 752.04	752.04	-	-	-
S 212	3344+25, 15.0' LT	CB TA 4 DIA T24F&G*	756.66	-	752.39	752.39	-
S 213	3344+25, 3.4' LT	MAN TA 5 DIA T1F CL*	757.43	752.34	752.34	752.34	752.34
S 214	3344+25, 8.3' RT	CB TA 4 DIA T24F&G*	756.52	752.39	-	-	-
S 215	3345+75, 15.0' LT	CB TA 4 DIA T24F&G	757.89	-	-	752.57	-
S 216	3345+75, 6.0' LT	MAN TA 5 DIA T1F CL*	758.29	752.53	752.53	752.53	752.53
S 217	3345+75, 3.0' RT	CB TA 4 DIA T24F&G*	757.65	752.57	-	-	-
S 217A	3347+00, 15.0' LT	CB TA 4 DIA T24F&G	760.25	-	-	753.78	-
S 218	3347+15, 5.2' LT	MAN TA 7 DIA T1F CL	760.88	753.74	752.74	752.74	753.74
S 219	3347+25, 3.0' RT	CB TA 4 DIA T24F&G	760.91	752.77	-	752.77	-
S 220	3349+20, 0.1' RT	MAN TA 5 DIA T1F CL	766.68	-	757.84	757.84	758.84
S220A	3348+76, 87.3' RT	INLETS TA T24F&G	762.11	758.25	-	-	-
S 221	3349+25, 15.0' RT	CB TA 4 DIA T24F&G	767.06	757.87	-	757.87	-
S 221A	3349+25, 9.0' RT	CB TA 4 DIA T24F&G	766.58	757.85	-	757.85	-
S 222	3351+00, 66.6' LT	CB TA 4 DIA T20F&G	773.88	-	-	764.33	-
S 222A	3351+00, 9.0' RT	CB TA 4 DIA T24F&G	774.16	764.04	-	764.04	-
S 223	3350+93, 0.2' RT	MAN TA 5 DIA T1F CL	774.14	764.03	764.03	764.03	766.03
S 224	3351+00, 15.0' RT	CB TA 4 DIA T24F&G	774.64	764.06	-	764.06	-
S 225	3351+00, 63.0' RT	INLETS TA T20F&G	773.92	764.28	-	-	-
S 229	3353+00, 65.5' LT	INLETS TA T20F&G	782.12	-	-	772.60	-
S 230	3353+00, 0.80' RT	CB TA 4 DIA T24F&G	782.41	772.30	-	772.30	-
S 231	3353+00, 8.0' RT	MAN TA 4 DIA T1F CL	782.97	772.27	772.27	772.27	774.27
S 232	3353+00, 15.0' RT	CB TA 4 DIA T24F&G	782.72	772.30	-	772.30	-
S 233	3353+00, 63.0' RT	INLETS TA T20F&G	782.00	772.52	-	-	-
S 234	3355+50, 63.0' LT	INLETS TA T20F&G	788.44	-	-	782.06	-
S 235	3355+50, 15.0' LT	CB TA 4 DIA T24F&G	789.10	781.84	-	781.84	-
S 236	3355+50, 0.0' LT	MAN TA 4 DIA T1F CL	789.78	781.77	781.77	781.77	-
S 237	3355+50, 15.0' RT	CB TA 4 DIA T24F&G	788.97	781.84	-	781.84	-
S 238	3355+50, 63.0' RT	INLETS TA T20F&G	788.44	782.06	-	-	-
S 240	3358+66, 90.7' LT	MAN TA 4 DIA T1F CL	765.60	752.57	-	-	752.57
S 241	3359+21, 90.0' LT	MAN TA 4 DIA T1F CL	763.94	-	752.55	752.55	-

NOTE:

1. STRUCTURES WITH AN ASTERISK (*) WILL BE CONSTRUCTED AS FLAT SLAB TOP.



SCHD-11

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SCHEDULE OF DRAINAGE QUANTITIES

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: NJH

SCHEDULE OF DRAINAGE STRUCTURES - NORTH AVENUE

STR. NO	STATION OFFSET	PAY ITEM	RIM (FT.)	N. INVERT (FT.)	W. INVERT (FT.)	S. INVERT (FT.)	E. INVERT (FT.)
S 242	3360+19, 71.1' RT	MAN TA 4 DIA T1F CL	764.73	752.48	752.48	-	-
S 243	3359+79, 95.2' RT	MAN TA 4 DIA T1F CL	764.20	-	-	752.47	752.47
S 245	3360+00, 63.0' LT	INLETS TA T20F&G	788.17	-	-	783.66	-
S 246	3360+00, 15.0' LT	CB TA 4 DIA T24F&G	789.01	783.44	-	783.44	-
S 247	3360+00, 7.5' RT	MAN TA 4 DIA T1F CL	789.71	783.36	-	783.36	783.36
S 249	3360+30, 62.0' RT	CB TA 4 DIA T20F&G*	787.70	783.62	-	-	-
S 250	3362+25, 63.0' LT	INLETS TA T20F&G	782.77	-	-	774.91	-
S 251	3362+25, 15.0' LT	CB TA 4 DIA T24F&G	783.49	774.69	-	774.69	-
S 252	3362+25, 7.5' RT	MAN TA 4 DIA T1F CL	784.06	774.61	776.61	774.61	774.61
S 253	3362+25, 15.0' RT	CB TA 4 DIA T24F&G	783.49	774.65	-	774.65	-
S 254	3362+30, 63.0' RT	INLETS TA T20F&G	782.61	774.87	-	-	-
S 255	3364+50, 63.0' LT	INLETS TA T20F&G	773.91	-	-	766.16	-
S 255A	3364+50, 15.0' LT	CB TA 4 DIA T24F&G	774.63	765.94	-	765.94	-
S 257	3364+50, 7.5' RT	MAN TA 5 DIA T1F CL	775.21	765.86	767.86	765.86	765.86
S 258	3364+50, 15.0' RT	CB TA 4 DIA T24F&G	774.63	765.90	-	765.90	-
S 259	3364+50, 63.0' RT	INLETS TA T20F&G	773.91	766.12	-	-	-
S 260	3366+35, 63.0' LT	INLETS TA T20F&G	767.41	-	-	758.61	-
S 261	3366+35, 15.0' LT	CB TA 4 DIA T24F&G	768.13	758.39	-	758.39	-
S 262	3366+35, 7.5' RT	MAN TA 5 DIA T1F CL	768.71	758.31	760.31	758.31	758.31
S 263	3366+35, 15.0' RT	CB TA 4 DIA T24F&G	768.13	758.35	-	758.35	-
S 264A	3365+87, 63.0' RT	INLETS TA T20F&G	768.87	758.64	-	-	-
S 262A	3366+90, 7.5' RT	MAN TA 5 DIA T1F CL	767.24	-	756.66	756.66	-
RST 06	3366+90, 68.0' RT	MH TA 6D W/2 T1FCL RP	766.12	756.55	-	756.55	-
FES 07	3366+90, 121.0' RT	PRC FLAR END SEC 24	INV 756.46	756.46	-	-	-
S 270	3368+25, 15.0' LT	CB TA 4 DIA T24F&G	763.96	-	-	757.96	-
S 271	3368+25, 7.5' RT	MAN TA 5 DIA T1F CL	764.53	757.87	758.07	755.86	755.86
S 272	3368+15, 15.0' RT	CB TA 4 DIA T24F&G	764.11	-	-	-	758.11
FES 08	3368+25, 94.0' RT	PRC FLAR END SEC 18	INV 755.60	755.60	-	-	-
S 273A	3370+00, 15.0' LT	CB TA 4 DIA T24F&G	762.35	-	-	756.50	-
S 274	3370+00, 7.5' RT	MAN TA 4 DIA T1F CL	762.92	756.42	756.42	756.42	756.42
S 275	3370+00, 15.0' RT	CB TA 4 DIA T24F&G	762.35	756.46	-	-	-
S 276	3371+75, 15.0' LT	CB TA 4 DIA T24F&G*	761.76	-	-	757.06	-
S 277	3371+75, 7.5' RT	MAN TA 4 DIA T1F CL*	762.33	756.98	756.98	756.98	-
S 278	3371+75, 15.0' RT	CB TA 4 DIA T24F&G*	761.76	757.02	-	-	-
S 285A	3373+25, 15.0' LT	CB TA 4 DIA T24F&G	761.25	-	-	755.02	-
S 286	3373+25, 6.2' RT	MAN TA 4 DIA T1F CL	761.84	754.93	-	754.93	754.93
S 287	3373+25, 15.0' RT	CB TA 4 DIA T24F&G	761.25	754.98	-	-	-
S 288	3375+00, 15.0' LT	CB TA 4 DIA T24F&G	760.66	-	-	754.46	-
S 289	3375+00, 6.2' RT	MAN TA 4 DIA T1F CL	761.25	754.37	754.37	754.37	754.37
S 290	3375+00, 15.0' RT	CB TA 4 DIA T24F&G	760.66	754.42	-	754.42	-
S290A	3375+00, 63.0' RT	INLETS TA T24F&G	760.12	754.64	-	-	-
S 291	3376+16, 15.0' RT	CB TA 4 DIA T24F&G	760.26	754.00	754.00	754.00	754.00
S 292	3376+16, 9.0' RT	INLETS TA T24F&G	759.78	-	-	754.03	-
FES 09	3376+49.4, 85.1' RT	PRC FLAR END SEC 15	INV 752.75	753.75	-	-	-
S 293	3377+25, 9.0' RT	INLETS TA T24F&G	759.41	-	-	754.37	-
S 294	3377+25, 15.0' RT	CB TA 4 DIA T24F&G	759.89	754.35	754.35	-	-
S 301	3378+00, 9.0' RT	CB TA 4 DIA T24F&G	759.16	-	-	754.08	-
S 302	3378+00, 20.0' RT	MAN TA 5 DIA T1F CL*	759.83	754.04	-	-	754.04
RST 07	3380+75, 57.0' RT	MH TA 6D W/2 T1FCL RP*	759.39	753.54	-	753.54	-
FES 10	3380+75, 81.4' RT	PRC FLAR END SEC 27	INV 753.50	753.50	-	-	-
S 303	3379+23, 3.0' RT	CB TA 4 DIA T24F&G	759.07	-	753.90	753.90	753.90

NOTE:

- STRUCTURES WITH AN ASTERISK (*) WILL BE CONSTRUCTED AS FLAT SLAB TOP.



SCHD-12

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SCHEDULE OF DRAINAGE QUANTITIES

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: AFC
 CHECKED BY: NJH

SCHEDULE OF DRAINAGE STRUCTURES - NORTH AVENUE

STR. NO	STATION OFFSET	PAY ITEM	RIM (FT.)	N. INVERT (FT.)	W. INVERT (FT.)	S. INVERT (FT.)	E. INVERT (FT.)
S 303A	3379+08, 3.9' RT	INLETS TA T24F&G	759.06	-	-	-	753.96
S 304	3379+18, 9.0' RT	MAN TA 7 DIA T1F CL*	759.88	753.86	753.86	753.86	753.86
S 305	3379+23, 15.0' RT	CB TA 4 DIA T24F&G	759.43	753.94	-	-	753.94
S 306	3379+50, 1.5' RT	INLETS TA T24F&G	759.11	-	754.01	-	-
S 308	3379+50, 15.0' RT	INLETS TA T24F&G	759.44	-	754.05	-	-
S 309A	338085, 5.7' LT	CB TA 4 DIA T24F&G	759.72	-	-	753.69 (SW)	-
S 310	338075, 4.9' RT	MAN TA 8 DIA T1F CL*	760.14	753.62 (NE)	753.62	753.62 (S & SE)	753.62
S 311	338087, 15.0' RT	CB TA 4 DIA T24F&G	759.91	753.69 (NW)	-	-	-
S 312	3382+75, 15.0' LT	CB TA 4 DIA T24F&G	760.44	-	-	753.97	-
S 313	3382+74, 5.0' RT	MAN TA 5 DIA T1F CL	761.05	753.88	753.88	753.88	753.88
S 314	3382+75, 15.0' RT	CB TA 4 DIA T24F&G	760.44	753.93	-	-	-
S 315	3384+75, 15.0' LT	CB TA 4 DIA T24F&G	761.14	-	-	754.27	-
S 316	3384+75, 5.1' RT	MAN TA 5 DIA T1F CL	761.75	754.18	754.18	754.18	754.18
S 317	3384+75, 15.0' RT	CB TA 4 DIA T24F&G	761.14	754.23	-	-	-
S 318	3387+00, 0.0' LT	MAN TA 5 DIA T1F CL	761.74	-	754.56	754.56	754.56
S318A	3387+25, 9.0' RT	INLETS TA T24F&G	761.53	-	754.74	-	-
S 319	3387+00, 15.0' RT	CB TA 4 DIA T24F&G	761.92	754.63	-	-	754.63
S 321	3388+65, 0.0' LT	MAN TA 7 DIA T1F CL	762.35	-	754.84	756.10	756.10
S 322	3388+75, 15.0' RT	INLETS TA T24F&G	762.58	756.18	-	-	-
S 323	3388+75, 9.0' RT	CB TA 4 DIA T24F&G	762.10	756.16	-	756.16	-
S 324A	3390+75, 1.7' LT	CB TA 4 DIA T24F&G	763.66	-	-	757.16	-
S 325	3390+69, 6.8' RT	MAN TA 6 DIA T1F CL	764.30	757.12	757.12	757.12	757.12
S 326	3390+75, 15.0' RT	CB TA 4 DIA T24F&G	763.93	757.16	-	-	-
S 327A	3393+00, 14.5' LT	CB TA 4 DIA T24F&G	765.60	-	-	759.60	-
S 328	3393+00, 5.3' RT	MAN TA 4 DIA T1F CL	766.24	759.51	758.28	759.59	758.28
S 329	3393+00, 15.0' RT	CB TA 4 DIA T24F&G	765.63	759.63	-	-	-
S 330	3395+25, 15.0' LT	CB TA 4 DIA T24F&G	767.29	-	-	761.29	-
S 331	3395+25, 5.9' RT	MAN TA 4 DIA T1F CL	767.89	761.20	759.40	761.25	759.40
S 332	3395+25, 15.0' RT	CB TA 4 DIA T24F&G	767.29	761.29	-	-	-
S 333A	3397+50, 15.0' LT	CB TA 4 DIA T24F&G	768.97	-	-	762.97	-
S 334	3397+50, 4.3' RT	MAN TA 4 DIA T1F CL	769.56	762.88	760.53	762.92	760.53
S 335	3397+50, 14.0' RT	CB TA 4 DIA T24F&G	768.96	762.96	-	-	-
S 336	3399+75, 15.0' LT	CB TA 4 DIA T24F&G	770.65	-	-	764.65	-
S 337	3399+75, 5.9' LT	MAN TA 4 DIA T1F CL	771.05	764.61	761.65	764.43	761.65
S 338	3399+75, 3.0' RT	CB TA 4 DIA T24F&G	770.47	764.47	-	-	-
S 339	3401+50, 10.5' LT	CB TA 4 DIA T24F&G	771.87	-	-	765.87	-
S 340	3401+44, 4.9' LT	MAN TA 4 DIA T1F CL	772.35	765.84	762.50	765.74	-
S 341	3401+50, 3.0' RT	CB TA 4 DIA T24F&G	771.78	765.78	-	-	-
S 350	3403+50, 15.0' RT	CB TA 4 DIA T24F&G *	773.15	769.74	-	-	-
S350A	3403+75, 3.0' LT	INLETS TA T24F&G	773.03	-	-	-	769.70
S 351	3403+50, 5.7' RT	MAN TA 4 DIA T1F CL *	773.75	-	-	769.70	769.70
S 352	3404+26, 3.0' LT	CB TA 4 DIA T24F&G *	773.28	-	769.50	769.50	-
S352A	3404+25, 5.8' RT	MAN TA 4 DIA T1F CL *	773.92	769.46	769.46	769.46	769.46
S 353	3404+25, 15.0' RT	CB TA 4 DIA T24F&G *	773.52	769.50	-	-	-
S 354	3405+50, 4.3' RT	CB TA 4 DIA T24F&G *	773.93	-	-	769.10	-
S354A	3405+50, 4.9' RT	MAN TA 6 DIA T1F CL	774.53	769.06	769.06	769.06	769.06
FES 11	3405+47.6, 80.7' RT	PRC FLAR END SEC 18	INV 766.82	768.82	-	-	-
S 355	3405+60, 15.0' RT	CB TA 4 DIA T24F&G *	774.20	769.10	-	-	-
S 356	3407+00, 12.5' LT	CB TA 4 DIA T24F&G	774.84	-	-	769.61	-
S 357	3407+00, 3.6' RT	MAN TA 4 DIA T1F CL	775.53	769.54	769.54	769.54	-

NOTE:

1. STRUCTURES WITH AN ASTERISK (*) WILL BE CONSTRUCTED AS FLAT SLAB TOP.



SCHD-13

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SCHEDULE OF DRAINAGE QUANTITIES

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: NJH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	42
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

SCHEDULE OF DRAINAGE STRUCTURES - NORTH AVENUE

STR. NO	STATION OFFSET	PAY ITEM	RIM (FT.)	N. INVERT (FT.)	W. INVERT (FT.)	S. INVERT (FT.)	E. INVERT (FT.)
S 358	3407+00, 15.0' RT	CB TA 4 DIA T24F&G	774.90	769.58	-	-	-
S 372	3408+25, 15.0' LT	CB TA 4 DIA T24F&G*	775.52	-	-	770.68	-
S 373	3408+25, 5.1' RT	MAN TA 4 DIA T1F CL	776.13	770.60	-	770.60	770.60
S 374	3408+25, 15.0' RT	CB TA 4 DIA T24F&G*	775.52	770.64	-	-	-
S 375	3409+50, 15.0' LT	CB TA 4 DIA T24F&G	776.15	-	-	770.28	-
S 376	3409+50, 6.3' RT	MAN TA 5 DIA T1F CL*	776.74	770.20	770.20	770.20	770.20
RST 08	3409+50, 55.0' RT	MH TA 6D W/2 T1FCL RP*	775.93	770.04	-	770.04	-
FES 12	3409+50, 88.1' RT	PRC FLAR END SEC 24	INV 769.94	769.94	-	-	-
S 377	3411+25, 15.0' LT	CB TA 4 DIA T24F&G	777.02	-	-	770.84	-
S 378	3411+25, 5.5' RT	MAN TA 4 DIA T1F CL	777.62	770.76	770.76	770.76	770.76
S 379	3411+25, 15.0' RT	CB TA 4 DIA T24F&G	777.02	770.80	-	-	-
S 380	3412+75, 6.2' RT	MAN TA 4 DIA T1F CL	778.52	771.24	771.24	771.24	771.24
S 380A	3412+75, 15.0' RT	CB TA 4 DIA T24F&G	777.92	-	-	771.32	-
S 381	3412+75, 15.0' RT	CB TA 4 DIA T24F&G	777.92	771.28	-	-	-
S 382	3414+25, 15.0' LT	CB TA 4 DIA T24F&G	779.83	-	-	771.77	-
S 383	3414+15, 6.0' RT	MAN TA 5 DIA T1F CL	780.28	771.68	771.68	771.68	771.68
S383A	3414+15, 15.0' RT	CB TA 4 DIA T24F&G	779.69	771.73	-	-	-
S 384	3415+66, 15.0' LT	CB TA 4 DIA T24F&G	780.94	-	-	773.27	-
S 385	3415+65, 6.0' RT	MAN TA 4 DIA T1F CL	781.55	773.18	773.18	773.18	775.18
S385A	3415+65, 15.0' RT	CB TA 4 DIA T24F&G	780.94	773.23	-	-	-
S 387	3417+44, 0.2' RT	MAN TA 4 DIA T1F CL	784.38	-	776.98	776.98	778.98
S 390	3420+25, 1.8' LT	CB TA 4 DIA T24F&G	788.23	-	781.65	-	-
S 391	3420+00, 7.8' RT	MAN TA 5 DIA T1F CL	787.96	-	781.54	781.54	781.54

SCHEDULE OF DRAINAGE GRATES FOR FLARED END SECTIONS - NORTH AVENUE

STR. NO	STATION OFFSET	PAY ITEM
FES 03	3313+25, 84.2' RT	GRATING-C FL END S 27
FES 05	3338+75, 70.6' RT	GRATING-C FL END S 27
FES 06	3342+75, 73.3' RT	GRATING-C FL END S 30
FES 07	3366+90, 121.0' RT	GRATING-C FL END S 24
FES 10	3380+75, 81.4' RT	GRATING-C FL END S 27
FES 12	3409+50, 88.1' RT	GRATING-C FL END S 24



NOTE:
 1. STRUCTURES WITH AN ASTERISK (*) WILL BE CONSTRUCTED AS FLAT SLAB TOP.



SCHD-14

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SCHEDULE OF DRAINAGE QUANTITIES

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: NJH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	45
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PIPE SCHEDULES - NORTH AVENUE

62410

PIPE NO.	UP STREAM STR. NO.	UP STREAM INVERT	DOWN STREAM STR. NO.	DOWN STREAM INVERT	PIPE LENGTH (FEET)	PIPE DIA. (INCHES)	PIPE SLOPE (%)	PAY ITEM DESCRIPTION	TRENCH BACKFILL (CY)
P 137	S 137	754.36	S 134	754.03	75	12	0.44	STORM SEW CL A 2 12	14.00
P 138	S 138	754.47	S 137	754.36	27	12	0.44	STORM SEW CL A 1 12	4.00
P 138A	S 138A	754.59	S 138	754.47	27	12	0.44	STORM SEW CL A 1 12	3.70
P 140	S 140	753.67	S 141	753.60	15	12	0.44	STORM SEW CL A 2 12	0.00
P 141	S 141	753.60	RST 03	753.53	50	27	0.15	STORM SEW CL A 2 27	22.90
P 141A	RST 03	753.53	FES 03	753.48	30	27	0.15	STORM SEW CL A 1 27	0.70
P 150B	S 150B	754.66	S 150C	754.32	11	12	2.00	STORM SEW CL A 2 12	0.00
P 150	S 150	754.23	S 151	754.18	11	12	0.44	STORM SEW CL A 2 12	0.00
P 151	S 151	754.18	S 154	753.78	125	15	0.32	STORM SEW CL A 2 15	0.00
P 153	S 153	753.83	S 154	753.78	11	12	0.44	STORM SEW CL A 2 12	0.00
P 154	S 154	753.78	FES 04	753.48	95	15	0.32	STORM SEW CL A 2 15	0.00
P 157	S 157	754.18	S 154	753.78	125	15	0.32	STORM SEW CL A 2 15	0.00
P 158	S 158	754.23	S 157	754.18	11	12	0.44	STORM SEW CL A 2 12	0.00
P 160	S 160	754.66	S 157	754.18	150	15	0.32	STORM SEW CL A 2 15	0.00
P 161	S 161	754.71	S 160	754.66	11	12	0.44	STORM SEW CL A 2 12	0.00
P 172	S 172	757.30	S 173	757.15	59	18	0.26	SS CL A 1 EQRS 18	5.00
P172A	S172A	757.48	S172	757.30	67	18	0.26	SS CL A 1 EQRS 18	3.90
P 173	S 173	754.68	S 173A	754.49	75	18	0.26	STORM SEW CL A 2 18	32.40
P173A	S173A	754.49	S174	754.29	75	18	0.26	STORM SEW CL A 2 18	31.20
P 174	S 174	754.29	S 175	754.26	12	18	0.26	STORM SEW CL A 2 18	0.00
P 175	S 175	754.26	S 177	753.88	180	21	0.21	STORM SEW CL A 2 21	0.00
P175A	S175A	754.35	S 176A	753.97	85	12	0.44	STORM SEW CL A 2 12	29.70
P 176A	S 176A	753.97	S 177	753.88	20	12	0.44	STORM SEW CL A 2 12	0.00
P 177	S 177	753.88	S 180	753.57	185	24	0.17	STORM SEW CL A 2 24	0.00
P 179	S 179	753.66	S 180	753.57	20	12	0.44	STORM SEW CL A 2 12	0.00
P 179A	S 179A	754.10	S 179	753.66	100	12	0.44	STORM SEW CL A 2 12	32.10
P 180	S 180	753.57	S 183	753.23	200	24	0.17	STORM SEW CL A 2 24	0.00
P 182	S 182	753.32	S 183	753.23	20	12	0.44	STORM SEW CL A 2 12	0.00
P182A	S 182A	753.76	S 182	753.32	100	12	0.44	STORM SEW CL A 2 12	28.40
P 183	S 183	753.23	S 186	752.89	200	24	0.17	STORM SEW CL A 2 24	0.00
P 185A	S 185A	752.98	S 186	752.89	20	12	0.44	STORM SEW CL A 2 12	0.00
P 186	S 186	752.89	S 189	752.55	200	24	0.17	STORM SEW CL A 2 24	0.00
P 187	S 187	752.93	S 186	752.89	10	12	0.44	STORM SEW CL A 2 12	0.00
P 188	S 188	752.64	S 189	752.55	20	12	0.44	STORM SEW CL A 2 12	0.00
P 189	S 189	752.55	S 192	752.25	200	27	0.15	STORM SEW CL A 2 27	0.00
P 190	S 190	752.59	S 189	752.55	10	12	0.44	STORM SEW CL A 2 12	0.00
P 191A	S 191A	752.34	S 192	752.25	20	12	0.44	STORM SEW CL A 2 12	0.00
P 192	S 192	752.25	S 195	751.95	200	27	0.15	SS CL A 1 EQRS 27	0.00
P 193	S 193	752.29	S 192	752.25	10	12	0.44	STORM SEW CL A 2 12	0.00
P 194	S 194	752.04	S 195	751.95	20	12	0.44	STORM SEW CL A 1 12	0.00
P 195	S 195	751.95	S 198	751.65	200	27	0.15	SS CL A 1 EQRS 27	0.00
P 196	S 196	751.99	S 195	751.95	10	12	0.44	STORM SEW CL A 1 12	0.00
P 197	S 197	751.78	S 198	751.65	30	12	0.44	STORM SEW CL A 1 12	0.00
P 198	S 198	751.65	RST 04	751.56	48	27	0.19	SS CL A 1 EQRS 27	3.50
P 198A	RST 04	751.56	FES 05	751.53	17	27	0.18	SS CL A 1 EQRS 27	0.00
P 199	S 199	751.71	S 198	751.65	13	12	0.46	STORM SEW CL A 1 12	0.00
P 200A	S 200A	751.98	S 201	751.89	20	12	0.44	STORM SEW CL A 1 12	0.00
P 201	S 201	751.89	S 198	751.65	75	15	0.32	STORM SEW CL A 1 15	0.00
P 202	S 202	751.93	S 201	751.89	10	12	0.44	STORM SEW CL A 1 12	0.00
P 203A	S 203A	752.12	S 204	752.03	20	12	0.44	STORM SEW CL A 1 12	0.00
P 204	S 204	752.03	S 201	751.89	44	15	0.32	STORM SEW CL A 1 15	0.00
P 205	S 205	752.07	S 204	752.03	10	12	0.44	STORM SEW CL A 1 12	0.00
P 205A	S 205A	748.35	S 205B	748.24	25	12	0.44	STORM SEW CL A 1 12	0.00

PIPE NO.	UP STREAM STR. NO.	UP STREAM INVERT	DOWN STREAM STR. NO.	DOWN STREAM INVERT	PIPE LENGTH (FEET)	PIPE DIA. (INCHES)	PIPE SLOPE (%)	PAY ITEM DESCRIPTION	TRENCH BACKFILL (CY)
P 206	S 206	752.71	S 207	752.62	20	12	0.44	STORM SEW CL A 1 12	0.00
P 207	S 207	752.62	S 210	752.14	150	15	0.32	STORM SEW CL A 1 15	0.00
P 208	S 208	752.66	S 207	752.62	10	12	0.44	STORM SEW CL A 1 12	0.00
P 209	S 209	752.96	S 212	752.39	130	12	0.44	STORM SEW CL A 1 12	13.70
P 210	S 210	752.14	RST 05	752.07	52	30	0.13	SS CL A 1 EQRS 30	3.80
P 210B	RST 05	752.07	FES 06	752.04	16	30	0.19	SS CL A 1 EQRS 30	0.00
P 211	S 211	752.20	S 210	752.14	13	12	0.46	STORM SEW CL A 1 12	0.00
P 212	S 212	752.39	S 213	752.34	12	12	0.44	STORM SEW CL A 2 12	0.00
P 213	S 213	752.34	S 210	752.14	150	30	0.13	SS CL A 1 EQRS 30	0.00
P 214	S 214	752.39	S 213	752.34	12	12	0.44	STORM SEW CL A 1 12	0.00
P 215	S 215	752.57	S 216	752.53	9	12	0.44	STORM SEW CL A 2 12	0.00
P 216	S 216	752.53	S 213	752.34	150	30	0.13	STORM SEW CL A 1 30	0.00
P 217	S 217	752.57	S 216	752.53	9	12	0.44	STORM SEW CL A 2 12	0.00
P 217A	S217A	753.78	S218	753.74	17	18	0.26	STORM SEW CL A 2 18	0.00
P 218	S 218	752.74	S 216	752.53	140	27	0.15	STORM SEW CL A 2 27	0.00
P 219	S 219	752.77	S 218	752.74	13	18	0.26	STORM SEW CL A 2 18	0.00
P 219A	S 219A	752.94	S219	752.77	62	18	0.26	STORM SEW CL A 2 18	46.80
P 220	S 220	757.84	S 218	753.74	205	27	2.00	STORM SEW CL A 2 27	155.90
P 220A	S 220A	758.25	S221	757.87	88	12	0.44	STORM SEW CL A 2 12	33.40
P 221	S 221	757.87	S 221A	757.85	3	12	0.44	STORM SEW CL A 2 12	0.00
P 221A	S221A	757.85	S 220	757.84	3	12	0.44	STORM SEW CL A 2 12	2.80
P 222	S 222	764.33	S 223	764.03	68	12	0.44	STORM SEW CL A 2 12	72.00
P 222A	S222A	764.04	S 223	764.03	3	12	0.44	STORM SEW CL A 2 12	3.40
P 223	S 223	764.03	S 220	758.84	173	24	3.00	STORM SEW CL A 2 24	170.80
P 224	S 224	764.06	S 222A	764.04	3	12	0.44	STORM SEW CL A 2 12	0.00
P 225	S 225	764.28	S 224	764.06	50	12	0.44	STORM SEW CL A 2 12	55.10
P 229	S 229	772.60	S 230	772.30	68	12	0.44	STORM SEW CL A 2 12	71.90
P 230	S 230	772.30	S 231	772.27	7	12	0.44	STORM SEW CL A 2 12	0.00
P 231	S 231	772.27	S 223	766.03	208	18	3.00	STORM SEW CL A 2 18	157.00
P 232	S 232	772.30	S 231	772.27	7	12	0.44	STORM SEW CL A 2 12	0.00
P 233	S 233	772.52	S 232	772.30	50	12	0.44	STORM SEW CL A 2 12	53.80
P 234	S 234	782.06	S 235	781.84	50	12	0.44	STORM SEW CL A 2 12	20.50
P 235	S 235	781.84	S 236	781.77	15	12	0.44	STORM SEW CL A 2 12	0.00
P 236	S 236	781.77	S 231	774.27	250	15	3.00	STORM SEW CL A 2 15	0.00
P 237	S 237	781.84	S 236	781.77	15	12	0.44	STORM SEW CL A 2 12	0.00
P 238	S 238	782.06	S 237	781.84	50	12	0.44	STORM SEW CL A 2 12	20.20
P 240	S 240	752.57	S 241	752.55	63	15	0.03	STORM SEW CL A 2 15	0.00
P 241	S 241	752.55	S 242	752.48	165	15	0.11	STORM SEW CL A 2 15	218.80
P 242	S 242	752.48	S 243	752.47	38	15	0.02	STORM SEW CL A 2 15	52.60
P 245	S 245	783.66	S 246	783.44	50	12	0.44	STORM SEW CL A 2 12	11.70
P 246	S 246	783.44	S 247	783.36	20	12	0.44	STORM SEW CL A 2 12	0.00
P 247	S 247	783.36	S 252	776.61	225	15	3.00	STORM SEW CL A 2 15	0.00
P 249	S 249	783.62	S 247	783.36	60	12	0.44	STORM SEW CL A 2 12	14.60
P 250	S 250	774.91	S 251	774.69	50	12	0.44	STORM SEW CL A 2 12	41.90
P 251	S 251	774.69	S 252	774.61	20	12	0.44	STORM SEW CL A 2 12	0.00
P 252	S 252	774.61	S 257	767.86	225	18	3.00	STORM SEW CL A 2 18	0.00
P 253	S 253	774.65	S 252	774.61	10	12	0.44	STORM SEW CL A 2 12	0.00
P 254	S 254	774.87	S 253	774.65	50	12	0.44	STORM SEW CL A 2 12	41.60
P 255	S 255	766.16	S 255A	765.94	50	12	0.44	STORM SEW CL A 2 12	41.00
P 255A	S 255A	765.94	S 257	765.86	20	12	0.44	STORM SEW CL A 2 12	0.00
P 257	S 257	765.86	S 262	760.31	185	21	3.00	STORM SEW CL A 2 21	0.00
P 258	S 258	765.90	S 257	765.86	10	12	0.44	STORM SEW CL A 2 12	0.00
P259	S 259	766.12	S 258	765.90	50	12	0.44	STORM SEW CL A 2 12	41.40

SCHD-17



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SCHEDULE OF DRAINAGE QUANTITIES

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: NJH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	46
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PIPE SCHEDULES - NORTH AVENUE

62410

PIPE NO.	UP STREAM STR. NO.	UP STREAM INVERT	DOWN STREAM STR. NO.	DOWN STREAM INVERT	PIPE LENGTH (FEET)	PIPE DIA. (INCHES)	PIPE SLOPE (%)	PAY ITEM DESCRIPTION	TRENCH BACKFILL (CY)
P 260	S 260	758.61	S 261	758.39	50	12	0.44	STORM SEW CL A 2 12	48.80
P 261	S 261	758.39	S 262	758.31	20	12	0.44	STORM SEW CL A 2 12	0.00
P 262	S 262	758.31	S 262A	756.66	55	21	3.00	STORM SEW CL A 2 21	0.00
P 263	S 263	758.35	S 262	758.31	10	12	0.44	STORM SEW CL A 2 12	0.00
P264A	S 264A	758.64	S 263	758.35	65	12	0.44	STORM SEW CL A 2 12	70.50
P262A	S 262A	756.66	RST 06	756.55	60	24	0.17	STORM SEW CL A 2 24	67.00
P 264	RST 06	756.55	FES 07	756.46	55	24	0.17	STORM SEW CL A 2 24	8.10
P 270	S 270	757.96	S 271	757.87	20	12	0.44	STORM SEW CL A 2 12	0.00
P 271	S 271	755.86	FES 08	755.60	80	15	0.32	STORM SEW WM REQ 18	12.20
P 272	S 272	758.11	S 271	758.07	10	12	0.44	STORM SEW CL A 2 12	0.00
P 273A	S 273A	756.50	S 274	756.42	20	12	0.44	STORM SEW CL A 2 12	0.00
P 274	S 274	756.42	S 271	755.86	175	15	0.32	STORM SEW CL A 2 15	0.00
P 275	S 275	756.46	S 274	756.42	10	12	0.44	STORM SEW CL A 2 12	0.00
P 276	S 276	757.06	S 277	756.98	20	12	0.44	STORM SEW CL A 2 12	0.00
P 277	S 277	756.98	S 274	756.42	175	15	0.32	STORM SEW CL A 2 15	0.00
P 278	S 278	757.02	S 277	756.98	10	12	0.44	STORM SEW CL A 2 12	0.00
P 285A	S 285A	755.02	S 286	754.93	20	12	0.44	STORM SEW CL A 2 12	0.00
P 286	S 286	754.93	S 289	754.37	175	15	0.32	STORM SEW CL A 2 15	0.00
P 287	S 287	754.98	S 286	754.93	10	12	0.44	STORM SEW CL A 2 12	0.00
P 288	S 288	754.46	S 289	754.37	20	12	0.44	STORM SEW CL A 2 12	0.00
P 289	S 289	754.37	S 291	754.00	117	15	0.32	STORM SEW CL A 2 15	42.00
P 290	S 290	754.42	S 289	754.37	10	12	0.44	STORM SEW CL A 2 12	0.00
P290A	S290A	754.64	S 290	754.42	50	12	0.44	STORM SEW CL A 2 12	15.80
P 291	S 291	754.00	FES 09	753.75	78	15	0.32	STORM SEW WM REQ 18	5.60
P 292	S 292	754.03	S 291	754.00	6	12	0.44	STORM SEW CL A 2 12	0.00
P 293	S 293	754.37	S 294	754.35	5	12	0.44	STORM SEW CL A 2 12	0.00
P 294	S 294	754.35	S 291	754.00	109	15	0.32	STORM SEW CL A 2 15	35.90
P 301	S 301	754.08	S 302	754.04	10	12	0.44	STORM SEW CL A 2 12	0.00
P 302	S 310	753.62	RST 07	753.54	52	27	0.15	STORM SEW WM REQ 27	18.30
P 302A	RST 07	753.54	FES 10	753.50	24	27	0.17	STORM SEW CL A 2 27	0.80
P 303	S 303	753.90	S 304	753.86	8	12	0.44	STORM SEW CL A 2 12	0.00
P303A	S 303A	753.96	S 303	753.90	15	12	0.44	STORM SEW CL A 2 12	3.70
P304	S 302	754.04	S 304	753.86	119	27	0.15	STORM SEW CL A 2 27	24.80
P 305	S 305	753.94	S 304	753.90	8	12	0.44	STORM SEW CL A 2 12	0.00
P 306	S 306	754.01	S 303	753.90	26	12	0.44	STORM SEW CL A 2 12	0.00
P 308	S 308	754.05	S 305	753.94	26	12	0.44	STORM SEW CL A 2 12	0.00
P 309A	S 309A	753.69	S 310	753.62	15	12	0.44	STORM SEW CL A 2 12	0.00
P 310	S 304	753.86	S 310	753.62	157	27	0.15	STORM SEW CL A 2 27	0.00
P 311	S 311	753.69	S 310	753.62	15	12	0.44	STORM SEW CL A 2 12	0.00
P 312	S 312	753.97	S 313	753.88	20	12	0.44	STORM SEW CL A 2 12	0.00
P 313	S 313	753.88	S 310	753.62	174	27	0.15	STORM SEW CL A 2 27	0.00
P 314	S 314	753.93	S 313	753.88	10	12	0.44	STORM SEW CL A 2 12	0.00
P 315	S 315	754.27	S 316	754.18	20	12	0.44	STORM SEW CL A 2 12	0.00
P 316	S 316	754.18	S 313	753.88	200	27	0.15	STORM SEW CL A 2 27	0.00
P 317	S 317	754.23	S 316	754.18	10	12	0.44	STORM SEW CL A 2 12	0.00
P318	S 318	754.56	S 316	754.18	225	24	0.17	STORM SEW CL A 2 24	95.10
P 318A	S 318A	754.74	S 319	754.63	25	12	0.44	STORM SEW CL A 2 12	0.00
P 319	S 319	754.63	S 318	754.56	15	12	0.44	STORM SEW CL A 2 12	7.50
P 321	S 321	754.84	S 318	754.56	165	24	0.17	STORM SEW CL A 2 24	117.10
P 322	S 322	756.18	S 323	756.16	6	12	0.44	STORM SEW CL A 2 12	0.00
P 323	S 323	756.16	S 321	756.10	13	12	0.44	STORM SEW CL A 2 12	4.40
P 324A	S 324A	757.16	S 325	757.12	10	12	0.44	STORM SEW CL A 2 12	0.00

PIPE NO.	UP STREAM STR. NO.	UP STREAM INVERT	DOWN STREAM STR. NO.	DOWN STREAM INVERT	PIPE LENGTH (FEET)	PIPE DIA. (INCHES)	PIPE SLOPE (%)	PAY ITEM DESCRIPTION	TRENCH BACKFILL (CY)
P 325	S 325	757.12	S 321	756.10	204	21	0.50	STORM SEW CL A 2 21	63.10
P 326	S 326	757.16	S 325	757.12	10	12	0.44	STORM SEW CL A 2 12	0.00
P 327A	S 327A	759.60	S 328	759.51	20	12	0.44	STORM SEW CL A 2 12	0.00
P 328	S 328	758.28	S 325	757.12	231	18	0.50	STORM SEW CL A 2 18	0.00
P 329	S 329	759.63	S 328	759.59	10	12	0.44	STORM SEW CL A 2 12	0.00
P 330	S 330	761.29	S 331	761.20	20	12	0.44	STORM SEW CL A 2 12	0.00
P 331	S 331	759.40	S 328	758.28	225	15	0.50	STORM SEW CL A 2 15	0.00
P 332	S 332	761.29	S 331	761.25	10	12	0.44	STORM SEW CL A 2 12	0.00
P 333A	S 333A	762.97	S 334	762.88	20	12	0.44	STORM SEW CL A 2 12	0.00
P 334	S 334	760.53	S 331	759.40	225	15	0.50	STORM SEW CL A 2 15	0.00
P 335	S 335	762.96	S 334	762.92	10	12	0.44	STORM SEW CL A 2 12	0.00
P 336	S 336	764.65	S 337	764.61	9	12	0.44	STORM SEW CL A 2 12	0.00
P 337	S 337	761.65	S 334	760.53	225	15	0.50	STORM SEW CL A 2 15	0.00
P 338	S 338	764.47	S 337	764.43	9	12	0.44	STORM SEW CL A 2 12	0.00
P 339	S 339	765.87	S 340	765.84	6	12	0.44	STORM SEW CL A 2 12	0.00
P 340	S 340	762.50	S 337	761.65	169	15	0.50	STORM SEW CL A 2 15	0.00
P 341	S 341	765.78	S 340	765.74	9	12	0.44	STORM SEW CL A 2 12	0.00
P 350	S 350	769.74	S 351	769.70	9	12	0.44	STORM SEW CL A 1 12	0.00
P 350A	S 350A	769.70	S 352	769.50	45	12	0.44	STORM SEW CL A 1 12	4.00
P 351	S 351	769.70	S 352A	769.46	75	15	0.32	STORM SEW CL A 1 15	0.00
P 352	S 352	769.50	S 352A	769.46	9	12	0.44	STORM SEW CL A 1 12	0.00
P 352A	S 352A	769.46	S 354A	769.06	125	15	0.32	STORM SEW CL A 2 15	0.00
P 353	S 353	769.50	S 352A	769.46	9	12	0.44	STORM SEW CL A 1 12	0.00
P 354	S 354	769.10	S 354A	769.06	10	12	0.44	STORM SEW CL A 2 12	0.00
P 354A	S 354A	769.06	FES 11	768.82	75	15	0.32	STORM SEW WM REQ 18	3.20
P 355	S 355	769.10	S 354A	769.06	10	12	0.44	STORM SEW CL A 2 12	0.00
P 356	S 356	769.61	S 357	769.54	17	12	0.44	STORM SEW CL A 2 12	0.00
P 357	S 357	769.54	S 354A	769.06	150	15	0.32	STORM SEW CL A 2 15	0.00
P 358	S 358	769.58	S 357	769.54	10	12	0.44	STORM SEW CL A 2 12	0.00
P 372	S 372	770.68	S 373	770.60	20	12	0.44	STORM SEW CL A 2 12	0.00
P 373	S 373	770.60	S 376	770.20	125	15	0.32	STORM SEW CL A 2 15	0.00
P 374	S 374	770.64	S 373	770.60	10	12	0.44	STORM SEW CL A 2 12	0.00
P 375	S 375	770.28	S 376	770.20	20	12	0.44	STORM SEW CL A 2 12	0.00
P 376	S 376	770.20	RST 08	770.04	50	24	0.32	STORM SEW CL A 2 24	16.30
P 376A	RST 08	770.04	FES 12	769.94	30	24	0.32	STORM SEW CL A 2 24	1.00
P 377	S 377	770.84	S 378	770.76	20	12	0.44	STORM SEW CL A 2 12	0.00
P 378	S 378	770.76	S 376	770.20	175	21	0.32	STORM SEW CL A 2 21	0.00
P 379	S 379	770.80	S 378	770.76	10	12	0.44	STORM SEW CL A 2 12	0.00
P 380A	S 380A	771.32	S 380	771.24	20	12	0.44	STORM SEW CL A 2 12	0.00
P 380	S 380	771.24	S 378	770.76	150	21	0.32	STORM SEW CL A 2 21	0.00
P 381	S 381	771.28	S 380	771.24	10	12	0.44	STORM SEW CL A 2 12	0.00
P 382	S 382	771.77	S 383	771.68	20	12	0.44	STORM SEW CL A 2 12	0.00
P 383	S 383	771.68	S 380	771.24	140	21	0.32	STORM SEW CL A 2 21	0.00
P 383A	S 383A	771.73	S 383	771.68	10	12	0.44	STORM SEW CL A 2 12	0.00
P 384	S 384	773.27	S 385	773.18	20	12	0.44	STORM SEW CL A 2 12	0.00
P 385	S 385	773.18	S 383	771.68	150	18	1.00	STORM SEW CL A 2 18	0.00
P 385A	S 385A	773.23	S 385	773.18	10	12	0.44	STORM SEW CL A 2 12	0.00
P 386	ES 386	777.05	S 387	776.98	15	12	0.44	STORM SEW CL A 2 12	7.70
P 387	S 387	776.98	S 385	775.18	180	15	1.00	STORM SEW CL A 2 15	75.70
P 389	ES 389	781.58	S 391	781.54	9	12	0.44	STORM SEW CL A 2 12	0.00
P 390	S 390	781.65	S 391	781.54	25	12	0.44	STORM SEW CL A 2 12	0.00
P 391	S 391	781.54	S 387	778.98	256	15	1.00	STORM SEW CL A 2 15	75.10

SCHD-18

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SCHEDULE OF DRAINAGE QUANTITIES

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: AFC
 CHECKED BY: NJH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCHEDULE OF PIPE UNDERDRAINS

62410

P.U. NUMBER	BEGINNING			END			P.U. 6" (FOOT)	P.U. 6" (SPL) (FOOT)	CONC HEADWALL FOR PIPE DRAIN (EACH)
	STRUCTURE	STATION	OFFSET	STRUCTURE	STATION	OFFSET			
PU 225	S 225	3351+00	63' RT	S 220A	3348+76	87' RT	220	10	
PU 222A	S 222A	3351+00	9' RT	S 221	3349+25	9' RT	165	10	
PU 222	S 222	3351+00	67' LT	FES 44	3348+63	92' LT	233	25	1
PU 229	S 229	3353+00	66' LT	S 222	3351+00	66' LT	190	10	
PU 232	S 232	3353+00	15' RT	S 224	3351+00	15' RT	190	10	
PU 232C	S 232	3353+00	63' RT	S 225	3351+00	63' RT	190	10	
PU 234	S 234	3355+50	63' LT	S 229	3353+00	63' LT	240	10	
PU 235	S 235	3355+50	15' LT	S 230	3353+00	1' RT	240	10	
PU 237	S 237	3355+50	15' RT	S 232	3353+00	15' RT	240	10	
PU 238	S 238	3355+50	63' RT	S 233	3353+00	63' RT	240	10	
PU 245	S 245	3360+00	63' LT	S 250	3362+25	63' LT	215	10	
PU 246	S 246	3360+00	15' LT	S 251	3362+25	15' LT	215	10	
PU 247	S 247A	3360+00	8' RT	S 253	3362+25	15' RT	215	10	
PU 249	S 249	3360+30	63' RT	S 254	3362+30	63' RT	185	10	
PU 250	S 250	3362+25	63' LT	S 255	3364+50	63' LT	215	10	
PU 251	S 251	3362+25	15' LT	S 255A	3364+50	15' LT	220	10	
PU 253	S 253	3362+25	15' RT	S 258	3364+50	15' RT	215	10	
PU 254	S 254	3362+30	63' RT	S 259	3364+50	63' RT	210	10	
PU 255	S 255	3364+50	63' LT	S 260	3366+35	63' LT	175	10	
PU 255A	S 255A	3364+50	15' LT	S 261	3366+35	15' LT	175	10	
PU 258	S 258	3364+50	15' RT	S 263	3366+35	15' RT	175	10	
PU 259	S 259	3364+50	63' RT	S 264A	3365+87	63' RT	130	10	
PU 260	-	3366+96	63' LT	S 260	3366+35	63' LT	55	5	
PU 261	-	3366+96	15' LT	S 261	3366+35	15' LT	55	5	
PU 263	S 263	3366+35	15' RT	S 262A	3366+35	15' RT	45	10	
PU 264A	S 264A	3265+87	63' RT	RST 06	3366+90	68' RT	93	10	
PU 264C	-	3367+07	15' RT	S 272	3368+15	15' RT	102	5	
PU 270	S 270	3368+25	15' LT	S 273A	3370+00	15' LT	165	10	
PU 270A	-	3367+13	15' LT	S 270	3368+25	15' LT	107	5	
PU 271C	-	3367+13	63' RT	FES 44A	3368+16	96' RT	103	35	1
PU 272C	S 272	3368+15	15' RT	S 275	3370+00	15' RT	175	10	
PU 272D	-	3367+06	63' LT	FES 45	3372+31	81' LT	525	20	1
PU 273A	S 273	3370+00	15' LT	S 276	3371+75	15' LT	165	10	
PU 275	S 275	3370+00	15' RT	S 278	3371+75	15' RT	165	10	
PU 275A	-	3368+30	63' RT	FES 45A	3373+00	80' RT	470	20	1
PU 276	S 276	3371+75	15' LT	S 285A	3373+25	15' LT	140	10	
PU 278	S 278	3371+75	15' RT	S 287	3373+25	15' RT	140	10	
PU 278D	-	3372+42	63' LT	FES 46	3377+43	88' LT	501	27	1
PU 285A	S 285A	3373+25	15' LT	S 288	3375+00	15' LT	165	10	
PU 287	S 287	3373+25	15' RT	S 290	3375+00	15' RT	165	10	
PU 290	S 290	3375+00	15' RT	S 291	3376+16	15' RT	106	10	
PU 290A	-	3373+05	63' RT	S 290A	3375+00	63' RT	190	5	
PU 291A	-	3376+51	63' RT	FES 46A	3377+45	90' RT	95	30	1
PU 292	S 292	3376+16	9' RT	S 293	3377+25	9' RT	100	10	
PU 300	-	3377+66	63' RT	RST 07	3378+00	58' RT	30	5	
PU 301	-	3380+68	62' RT	FES 60	3377+65	90' RT	303	28	1
PU 303A	S 303A	3379+08	4' RT	S 301	3378+00	9' RT	100	10	
PU 303C	-	3382+61	63' LT	FES 47	3377+64	88' LT	498	27	1
PU 309A	S 309A	3380+85	6' LT	S 306	3379+50	1' RT	126	10	
PU 311	-	3380+70	15' RT	S 308	3379+49	15' RT	111	10	
PU 312	S 312	3382+75	15' LT	S 309A	3380+85	6' LT	180	10	
PU 314	S 314	3382+75	15' RT	S 311	3380+87	15' RT	178	10	
PU 314C	-	3385+69	63' RT	FES 48	3380+82	89' RT	486	27	1

P.U. NUMBER	BEGINNING			END			P.U. 6" (FOOT)	P.U. 6" (SPL) (FOOT)	CONC HEADWALL FOR PIPE DRAIN (EACH)
	STRUCTURE	STATION	OFFSET	STRUCTURE	STATION	OFFSET			
PU 315	S 315	3384+75	15' LT	S 312	3382+75	15' LT	190	10	
PU 317	S 317	3384+75	15' RT	S 314	3382+75	15' RT	190	10	
PU 317C	-	3387+52	63' LT	FES 49	3382+72	85' LT	480	25	1
PU 317D	-	3385+50	15' LT	S 315	3384+75	15' LT	75	5	
PU 319	S 319	3387+00	15' RT	S 317	3384+75	15' RT	215	10	
PU 322	S 322	3388+75	15' RT	S 319	3387+00	15' RT	165	10	
PU 323	S 323	3388+75	9' RT	S 318A	3387+25	9' RT	140	10	
PU 323C	-	3391+76	63' RT	FES 50	3386+76	86' RT	500	20	1
PU 323D	-	3392+55	63' RT	FES 51	3387+65	82' LT	495	20	1
PU 326	S 326	3390+75	15' RT	S 322	3388+75	15' RT	190	10	
PU 327A	S 327A	3393+00	15' LT	S 324A	3390+75	2' LT	215	10	
PU 329	S 329	3393+00	15' RT	S 326	3390+75	15' RT	215	10	
PU 330	S 330	3395+25	15' LT	S 327A	3393+00	15' LT	215	10	
PU 332	S 332	3395+25	15' RT	S 329	3393+00	15' RT	215	10	
PU 332C	-	3397+72	63' LT	FES 52	3392+72	86' LT	500	25	1
PU 333A	S 333A	3397+50	15' LT	S 330	3395+25	15' LT	215	10	
PU 335	S 335	3397+50	15' RT	S 332	3395+25	15' RT	215	10	
PU 335A	-	3396+84	62' RT	FES 52A	3391+84	87' RT	500	25	1
PU 336	S 336	3399+75	15' LT	S 333A	3397+50	15' LT	215	10	
PU 338	S 338	3399+75	3' RT	S 335	3397+50	15' RT	215	10	
PU 338C	-	3401+77	63' LT	FES 53	3397+76	79' LT	400	17	1
PU 339	S 339	3401+50	11' LT	S 336	3399+75	15' LT	165	10	
PU 341	S 341	3401+50	4.0' RT	S 338	3399+75	4.0' RT	165	10	
PU 341A	-	3401+62	66' RT	FES 53A	3396+99	82' RT	464	20	1
PU 350	S 350	3403+50	15' RT	S 340	3401+50	4' RT	190	10	
PU 352A	-	3404+90	66' LT	FES 54	3401+82	75' LT	307	15	1
PU 353	S 353	3404+25	15' RT	S 350	3403+50	15' RT	65	10	
PU 353A	-	3402+98	62' RT	FES 55A	3405+33	86' RT	235	25	1
PU 354	S 354	3405+50	4' LT	S 352	3404+26	3' LT	115	10	
PU 354A	S 354A	3405+50	5' RT	S 353	3404+25	15' RT	115	10	
PU 358	S 358	3407+00	15' RT	S 355	3405+60	15' RT	130	10	
PU 356	S 356	3407+00	14' LT	S 354	3405+50	5' LT	140	10	
PU 356A	-	3407+52	62' LT	FES 54A	3405+00	84' LT	253	18	1
PU 356C	-	3407+49	15.0' LT	S 356	3407+00	14' LT	45	5	
PU 356D	-	3407+50	15' RT	S 358	3407+00	15' RT	45	5	
PU 358C	-	3407+48	62' RT	FES 55	3405+65	87' RT	185	25	1
PU 373	-	3407+69	15' LT	S 372	3408+25	15' LT	50	5	
PU 374	-	3407+69	15' RT	S 374	3408+25	15' RT	50	5	
PU 375	S 375	3409+50	15' LT	S 372	3408+25	15' LT	115	10	
PU 375C	-	3410+50	62' LT	FES 57	3407+70	93' LT	281	30	1
PU 376	S 376	3409+50	9' RT	S 374	3408+25	15' RT	115	10	
PU 376C	RST 08	3409+50	55' RT	FES 56	3407+70	93' RT	175	30	1
PU 377	S 377	3411+25	15' LT	S 375	3409+50	15' LT	165	10	
PU 379	S 379	3411+25	15' RT	S 376	3409+50	9' RT	165	10	
PU 380A	S 380A	3412+75	15' LT	S 377	3411+25	15' LT	140	10	
PU 381	S 381	3412+75	15' RT	S 379	3411+25	15' RT	140	10	
PU 381A	-	3412+27	62' RT	RST 08	3409+50	55' RT	270	5	
PU 382	S 382	3414+25	15' LT	S 380A	3412+75	15' LT	140	10	
PU 383A	S 383A	3414+15	15' RT	S 381	3412+75	15' RT	130	10	
PU 384	S 384	3415+65	15' LT	S 382	3414+25	15' LT	130	10	
PU 384A	-	3414+99	62' LT	FES 59	3410+62	85' LT	440	25	1
PU 385A	S 385A	3415+65	15' RT	S 383A	3414+15	15' RT	140	10	
PU 385B	-	3414+99	62' RT	FES 58	3412+34	82' RT	265	24	1
TOTAL							44,355	2,626	54

SCHD-21

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SCHEDULE OF DRAINAGE QUANTITIES

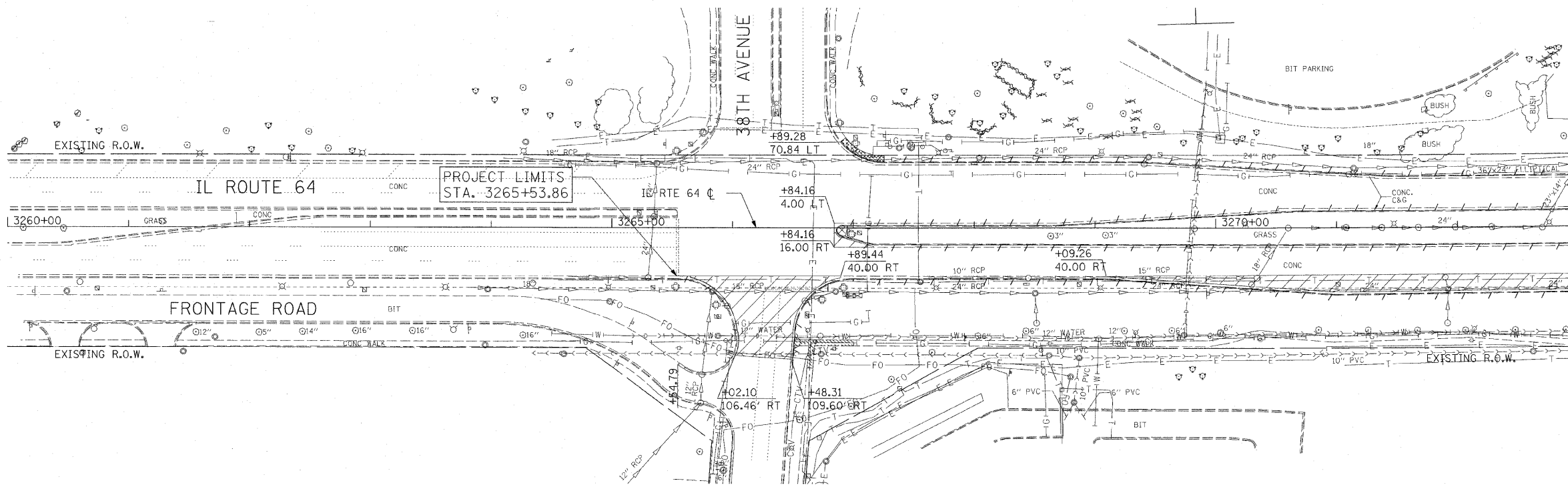
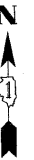
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 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: ST
 CHECKED BY: NJH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	56
STA.	3260+00	TO STA.	3273+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

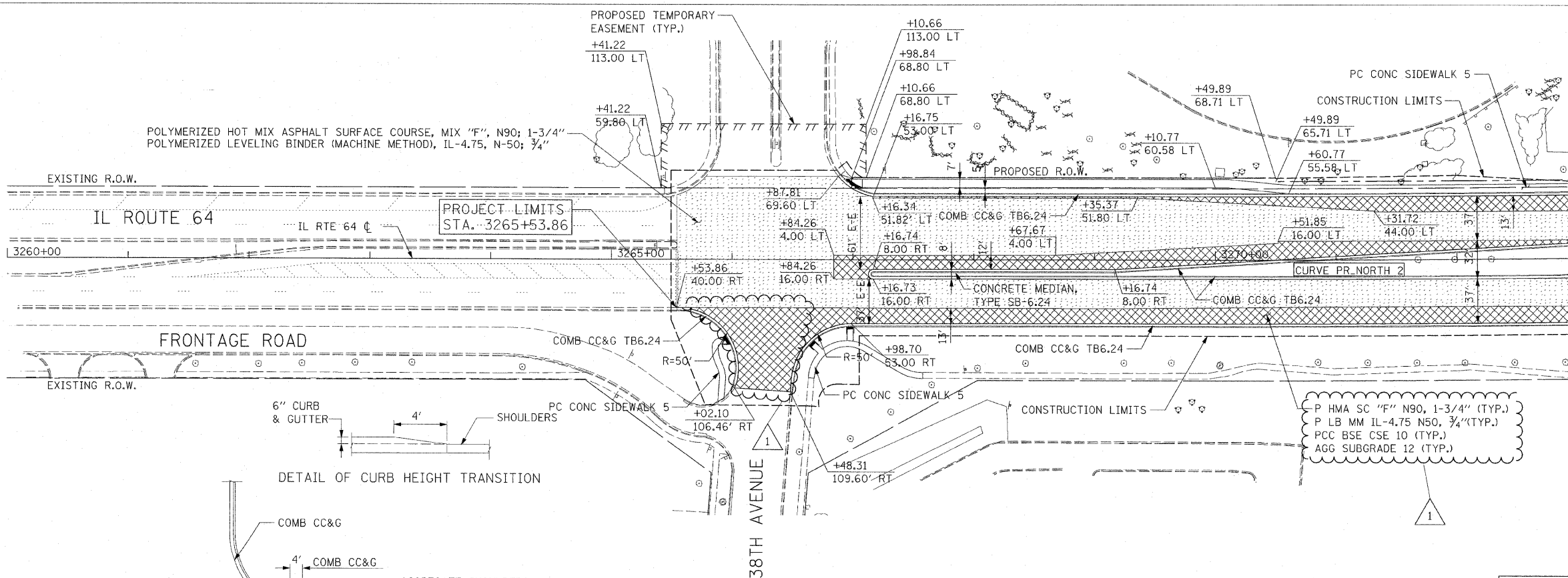
62410



MATCH LINE STA 3273+00
SEE SHEET RDWY-2

- REMOVAL LEGEND:**
- PAVEMENT REMOVAL
 - MEDIAN REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - COMB CURB GUTTER REMOVAL
 - SIDEWALK REMOVAL
 - TREE REMOVAL
 - TREE REMOVAL, ACRES

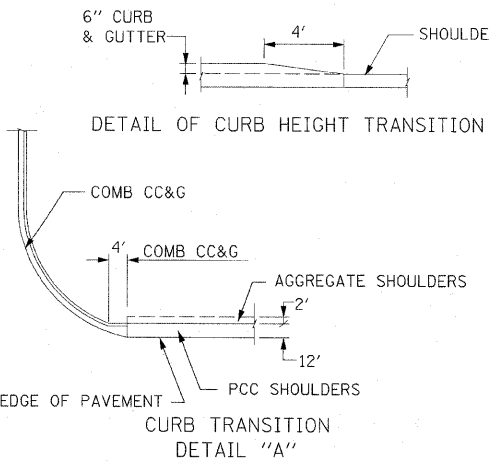
EXISTING CONDITIONS AND REMOVALS



MATCH LINE STA 3273+00
SEE SHEET RDWY-2

NOTE:
 1. SEE INTERSECTION DETAIL SHEETS FOR GEOMETRIC INFORMATION AT 38TH AVENUE AND IL ROUTE 64.

- PROPOSED LEGEND:**
- PAVEMENT WIDENING
 - HMA RESURFACING



PROPOSED ROADWAY PLAN



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

ROADWAY PLAN
 IL ROUTE 64
 STA. 3260+00 TO STA. 3273+00

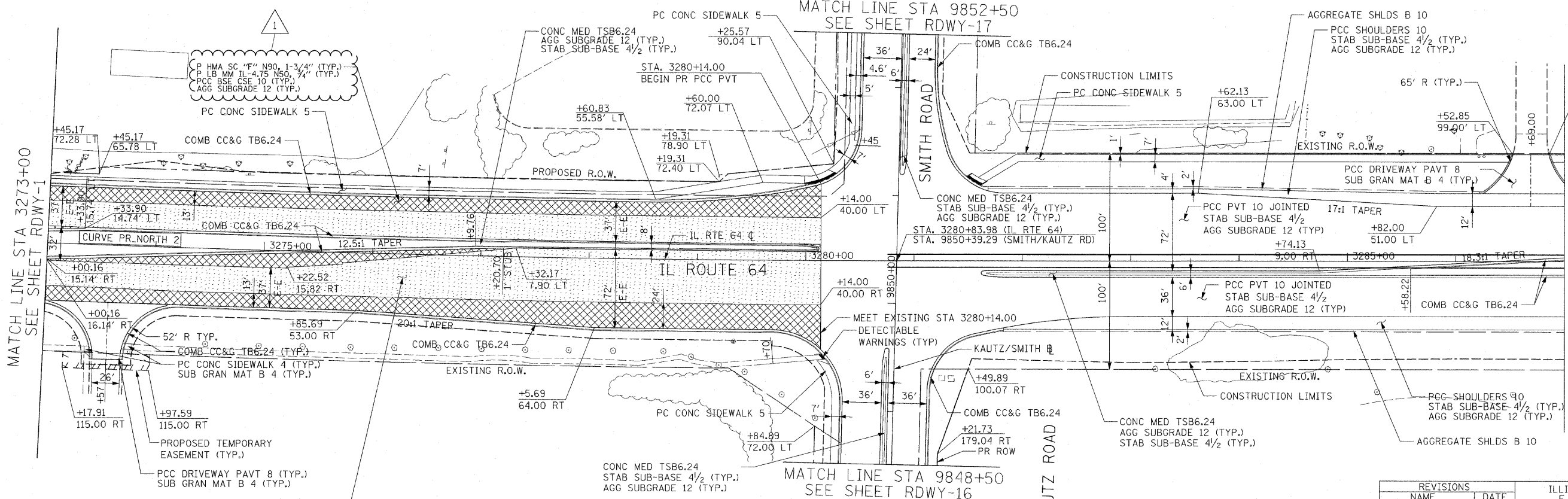
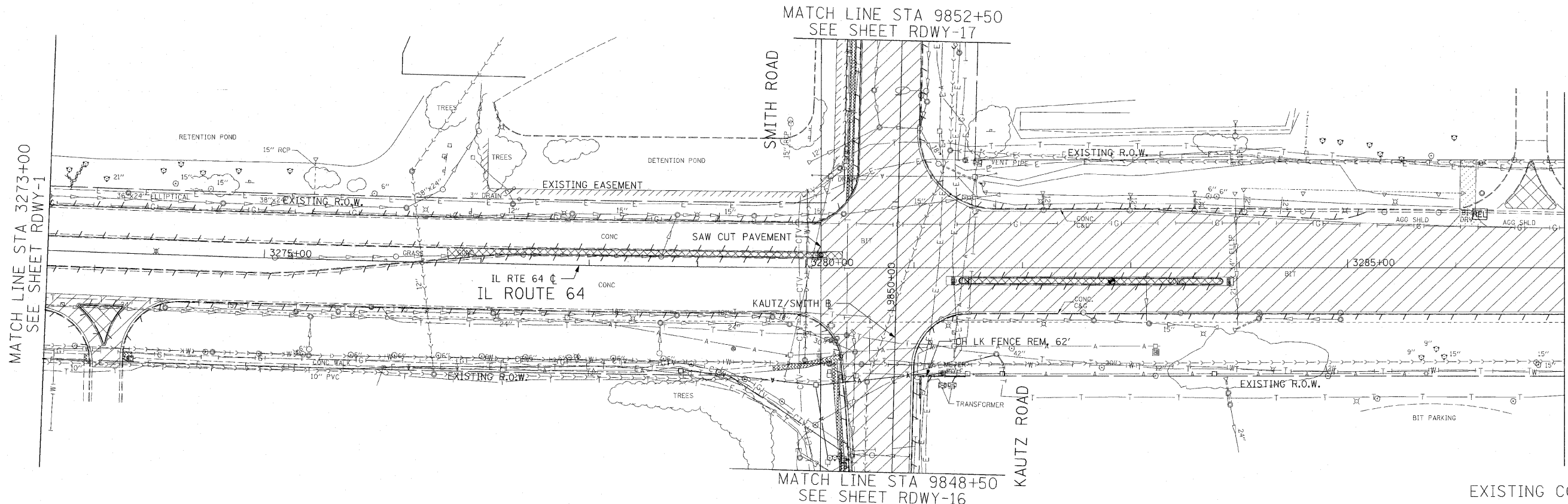
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DRAWN BY: AFC
 CHECKED BY: NJH



RDWY-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	57
STA.	3273+00	TO STA.	3287+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		62410	



PROPOSED ROADWAY PLAN

KANE COUNTY LIMIT DUPAGE COUNTY LIMIT

RDWY-2

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

ROADWAY PLAN
 ILLINOIS ROUTE 64
 STA. 3273+00 TO STA. 3287+00

SCALE: 1" = 50'
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: NJH

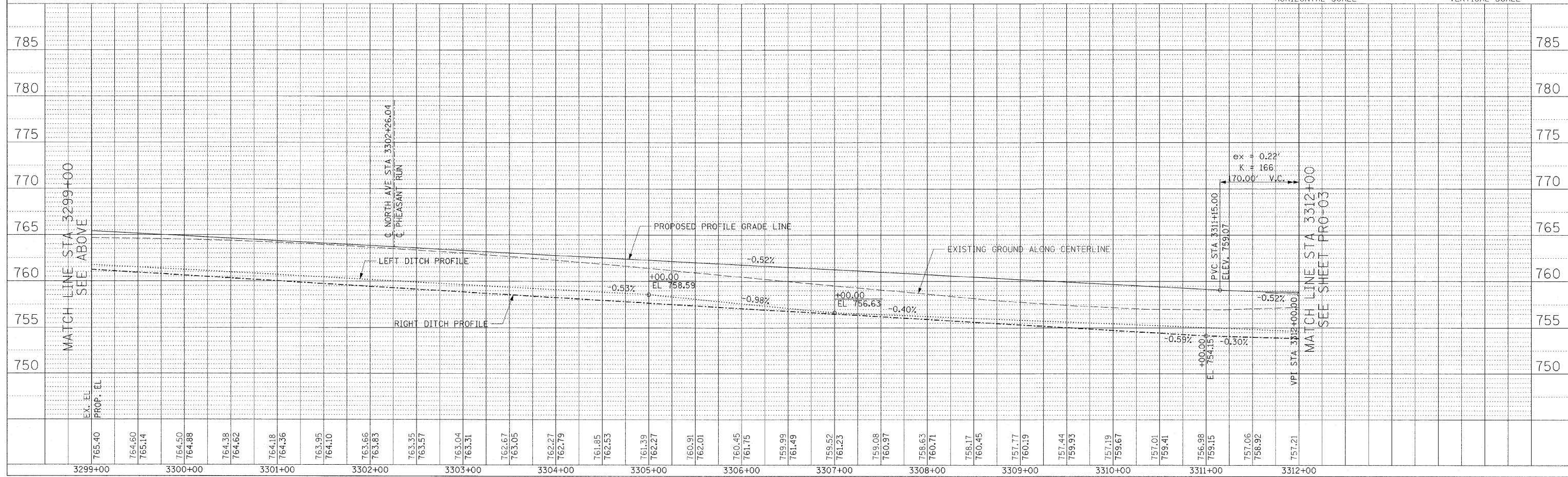
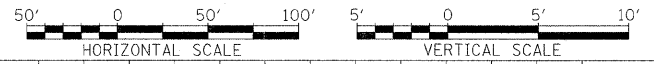
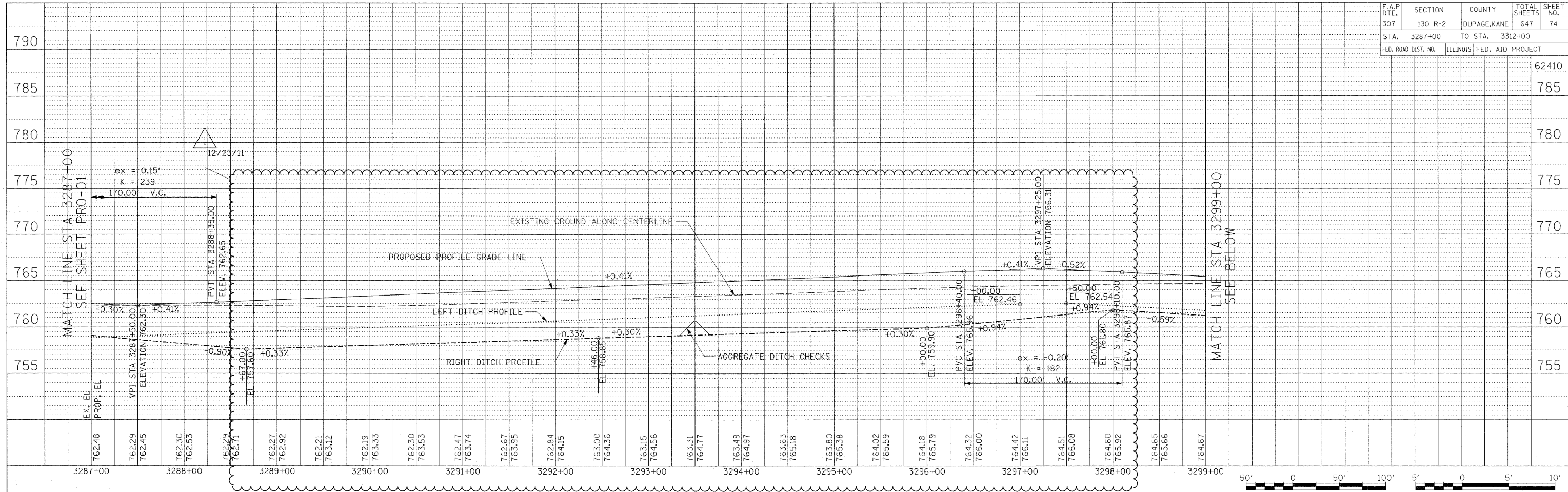


REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	74
STA.	TO STA.		3312+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	DATE
NO.	BY	
	DATE	
	BY	
	DATE	
	BY	

PROFILE	SURVEYED	DATE
NO.	BY	
	DATE	
	BY	
	DATE	
	BY	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	105
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410

MAINTENANCE OF TRAFFIC SCHEDULE

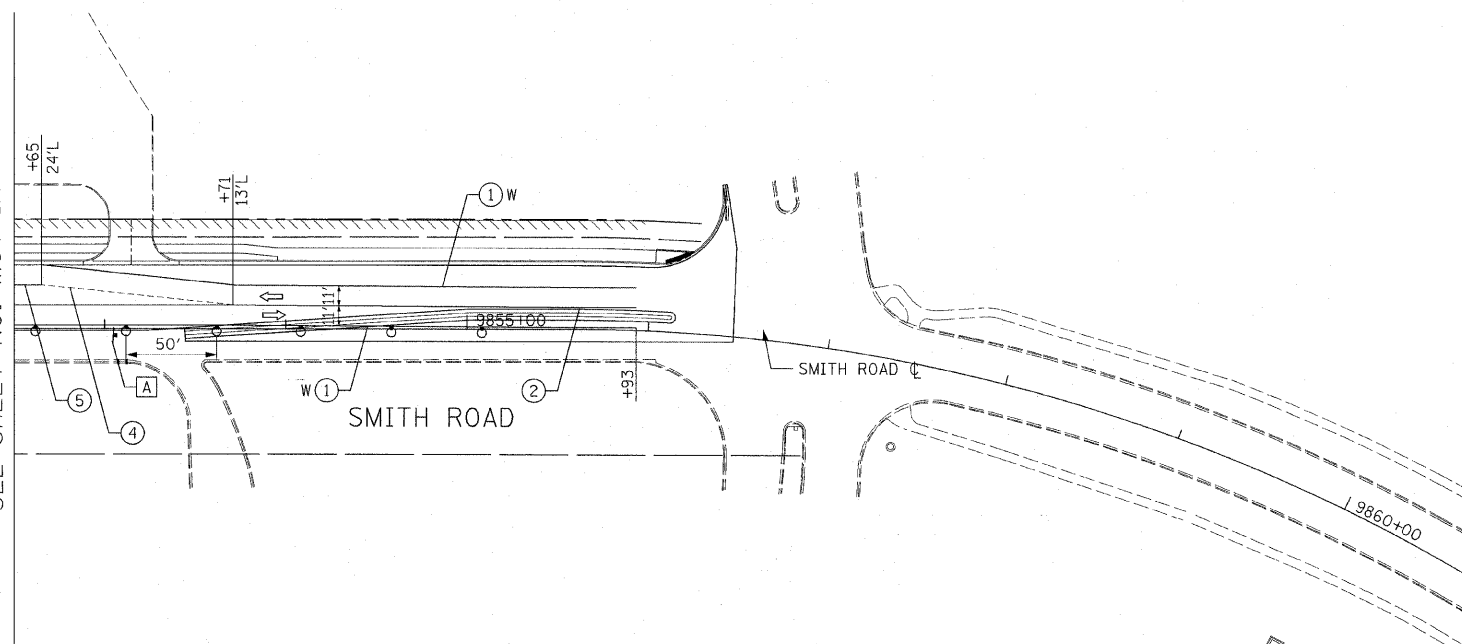
STAGE	COUNTY	SHEET	TEMPORARY PAVEMENT MARKING - LINE 6"	WORK ZONE PAVEMENT MARKING REMOVAL	TEMP CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT REMOVAL	WET REFLECTIVE TEMPORARY TAPE, TYPE III, LETTERS AND SYMBOLS	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4" INCH	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 6"	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 12"	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 24"	TEMPORARY PAVEMENT	TEMPORARY PAVEMENT (VARIABLE DEPTH)	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW, TEST LEVEL 2)	IMPACT ATTENUATORS, RELOCATE (SEVERE USE), TEST LEVEL 2	TEMPORARY INFORMATION SIGNING	TRENCH BACKFILL	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 2 12"	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	REMOVING INLETS	REMOVE EXISTING FLARED END SECTION	STORM SEWERS TO BE GROUTED	
			FOOT	SQ FT	FOOT	FOOT	EACH	SQ FT	SQ YD	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ YD	TON	EACH	EACH	SQ FT	CU YD	EACH	FOOT	FOOT	EACH	EACH	EACH	CU YD	
1	KANE	MOT-1-01	0	3,237	0	0	0	1,030	0	189	7,388	873	0	74	0	0.0	0	0	18	0.0	0	0	0	0	0	0	0.0	
		MOT-1-01	0	1,948	0	0	0	1,385	581	110	4,047	326	0	163	581	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
	DUPAGE	MOT-1-02	0	4,539	0	0	0	3,023	0	73	12,229	266	0	128	0	0.0	0	0	42	0.0	2	88	0	2	0	0	0	0.0
		MOT-1-03	0	2,727	0	0	0	1,181	813	0	7,850	0	0	55	813	0.0	0	0	43	0.0	2	111	0	2	0	0	0	0.0
		MOT-1-04	600	4,054	600	0	24	2,854	19	0	12,160	0	0	0	19	0.0	2	0	24	4.1	4	216	0	4	0	0	0	0.0
		MOT-1-05	3,125	4,074	3,125	0	125	2,247	884	0	12,112	0	0	18	884	0.0	2	0	28	0.0	2	135	0	2	0	0	0	0.0
		MOT-1-06	0	2,102	0	0	0	1,084	301	0	6,186	0	0	20	301	0.0	0	0	15	0.0	2	0	126	0	2	0	0	0.0
		MOT-1-07	0	2,556	0	0	0	1,725	195	73	7,160	115	0	19	195	0.0	0	0	19	0.1	2	95	0	2	0	0	0	0.0
		MOT-1-08	0	2,871	0	0	0	3,321	0	37	8,212	192	0	0	0	0.0	0	0	16	0.0	0	0	0	0	0	0	0	0.0
		MOT-1-09	0	2,743	0	0	0	126	2,190	0	8,228	0	0	0	2,190	0.0	0	0	0	0.0	0	0	0	0	0	0	0	0.0
MOT-1-10	0	1,681	0	0	0	574	876	0	5,042	0	0	0	0	0.0	0	0	20	0.0	0	0	0	0	0	0	0	0.0		
1A	KANE	MOT-1A-01	0	446	0	0	0	37	80	838	0	0	43	0	13.2	0	0	3	0.0	0	0	0	0	0	0	0	0.0	
		MOT-1A-01	0	618	0	0	0	364	73	1,066	203	0	44	0	129.9	0	0	0	0	0.0	0	0	0	0	0	0	0	0.0
	DUPAGE	MOT-1A-02	0	538	0	0	0	207	123	614	28	0	98	0	74.0	0	0	6	0.0	0	0	0	0	0	0	0	0	0.0
		MOT-1A-03	0	939	0	0	0	353	0	2,527	0	0	48	0	126.0	0	0	19	0.0	0	0	0	0	0	0	0	0	0.0
		MOT-1A-04	0	154	0	0	0	8	0	460	0	0	0	8	0.0	0	0	0	0.0	0	0	0	0	0	0	0	0	0.0
		MOT-1A-05	275	841	275	0	11	313	0	1,675	0	94	94	148	59.0	0	1	13	0.0	0	0	0	0	0	0	0	0	0.0
		MOT-1A-06	0	280	0	0	0	150	0	718	0	20	20	0	53.6	0	0	7	0.0	0	0	0	0	0	0	0	0	0.0
		MOT-1A-07	0	227	0	0	0	80	0	485	41	0	22	0	28.6	0	0	7	0.0	0	0	0	0	0	0	0	0	0.0
		MOT-1A-08	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0.0	0	0	0	0	0	0	0	0.0
		MOT-1A-09	0	2,747	0	0	0	0	0	0	8,240	0	0	771	0.0	0	0	56	0.0	0	0	0	0	0	0	0	0	0.0
MOT-1A-10	0	1,288	0	0	0	0	0	0	3,803	18	0	0	0	0.0	0	4	0.0	0	0	0	0	0	0	0	0	0.0		
1B	DUPAGE	MOT-1B-04	0	118	0	0	0	0	352	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
2	KANE	MOT-2-01	0	2,064	0	0	0	0	0	47	5,043	392	0	70	0	0.0	0	84	0.0	0	0	0	0	0	0	0	0.0	
		MOT-2-01	0	1,062	0	0	0	0	0	73	2,433	0	0	89	0	0.0	0	60	0.0	0	0	0	0	0	0	0	0.0	
	DUPAGE	MOT-2-02	0	3,048	0	0	0	304	238	6,722	490	0	162	304	0.0	0	0	61	0.0	0	0	0	0	0	2	2	2.6	
		MOT-2-03	0	1,084	0	0	0	0	0	3,250	0	0	0	0	0.0	0	0	9	0.0	0	0	0	0	0	2	2	3.2	
		MOT-2-04	0	3,303	0	600	0	691	166	7,931	150	0	209	691	0.0	1	122	0.0	0	0	0	0	0	4	4	6.3		
		MOT-2-05	0	3,242	0	3,400	0	0	0	9,725	0	0	0	0	0.0	0	1	69	0.0	0	0	0	0	0	2	2	3.9	
		MOT-2-06	0	1,412	0	0	0	691	93	3,443	150	0	48	691	0.0	0	55	0.0	0	0	0	0	0	0	2	2	3.7	
		MOT-2-07	0	1,167	0	0	0	0	0	3,500	0	0	0	0	0.0	0	9	0.0	0	0	0	0	0	0	2	2	2.8	
		MOT-2-08	0	2,171	0	0	0	76	83	5,778	324	0	76	0	0.0	0	4	0.0	0	0	0	0	0	0	0	0	0.0	
		MOT-2-09	0	1,274	0	0	0	0	73	3,601	0	0	0	0	0.0	0	0	0.0	0	0	0	0	0	0	0	0	0.0	
MOT-2-10	0	740	0	0	0	0	73	2,012	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0	0	0.0			
2A	KANE	MOT-2A-01	0	420	0	0	0	0	37	858	150	0	11	0	0.0	0	0	0	0	0.0	0	0	0	0	0	0	0.0	
		MOT-2A-01	0	633	0	0	0	0	47	1,312	217	0	20	0	0.0	0	3	0.0	0	0	0	0	0	0	0	0	0.0	
	DUPAGE	MOT-2A-02	0	360	0	0	0	0	0	1,079	0	0	0	0	0.0	0	130	0.0	0	0	0	0	0	0	0	0	0.0	
		MOT-2A-03	0	331	0	0	0	0	93	489	150	0	0	0	0.0	0	37	0.0	0	0	0	0	0	0	0	0	0.0	
		MOT-2A-04	0	798	0	0	0	0	93	1,269	300	0	66	0	0.0	0	1	4	0.0	0	0	0	0	0	0	0	0.0	
		MOT-2A-05	0	219	0	0	0	0	47	386	85	0	0	0	0.0	0	4	0.0	0	0	0	0	0	0	0	0	0.0	
		MOT-2A-06	0	475	0	0	0	0	37	991	215	0	0	0	0.0	0	4	0.0	0	0	0	0	0	0	0	0	0.0	
		MOT-2A-07	0	254	0	0	0	0	73	274	179	0	0	0	0.0	0	0	0.0	0	0	0	0	0	0	0	0	0.0	
		MOT-2A-08	0	219	0	0	0	0	0	587	46	0	0	0	0.0	0	0	0.0	0	0	0	0	0	0	0	0	0.0	
		MOT-2A-09	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0.0	0	0	0	0	0	0	0	0	0.0	
MOT-2A-10	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0.0	0	0	0	0	0	0	0	0	0.0			
DETOUR PLAN	KANE	MOT-DET	0	0	0	0	0	0	0	0	0	0	0	0.0	0	158	0.0	0	158	0.0	0	0	0	0	0	0	0.0	
	DUPAGE	MOT-DET	0	0	0	0	0	0	0	0	0	0	0	0.0	0	412	0.0	0	412	0.0	0	0	0	0	0	0	0.0	

STAGE	1	3,725	32,532	3,725	0	149	18,550	5,859	482	90,614	1,772	0	477	5,859	0.0	4	0	225	4.2	14	645	126	14	0	0	0.0
1A	275	8,078	275	0	11	0	1,512	276	20,426	290	94	369	927	484.3	0	1	115	0.0	0	0	0	0	0	0	0	0.0
1B	0	1,568	0	0	0	0	771	0	4,700	0	0	0	0	0.0	0	0	0	0.0	0	0	0	0	0	0	0	0.0
2	0	20,567	0	4,000	0	0	1,762	846	53,436	1,506	0	578	1,762	0.0	0	2	473	0.0	0	0	0					

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	126
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

MATCH LINE STA 9852+50
 SEE SHEET NO. MOT-1A-01



LEGEND:

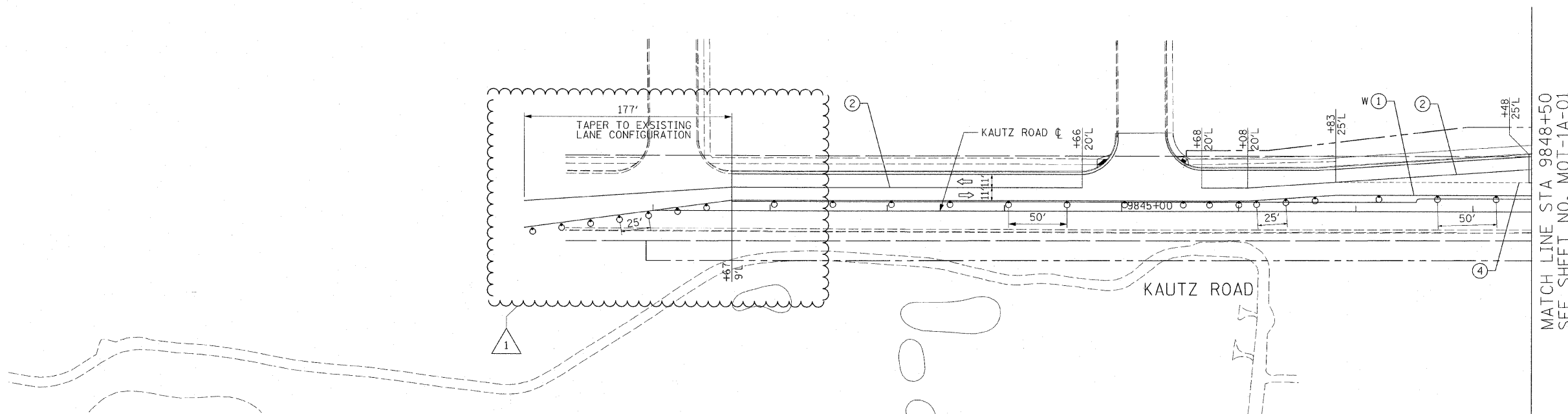
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE I OR II BARRICADES
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR
- TYPE III BARRICADES
- 4" EDGE LINE
- 4" DOUBLE CENTER LINE - YELLOW
- 4" SKIP DASH LINE (30' SKIP/10' DASH) - WHITE
- 4" SKIP DASH LINE (6' SKIP/2' DASH) - WHITE
- 6" LANE LINE - WHITE
- 24" STOP BAR - WHITE
- LETTERS AND SYMBOLS

TEMPORARY INFORMATION SIGN LEGEND

- DRIVEWAY ENTRANCE - 1

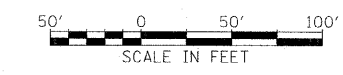
NOTES:

1. ALL APPLICABLE STATE STANDARDS SHALL BE APPLIED AT ALL CROSS STREETS AND AT THE PROJECT LIMITS.



MATCH LINE STA 9848+50
 SEE SHEET NO. MOT-1A-01

MOT-1A-10



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE 1A

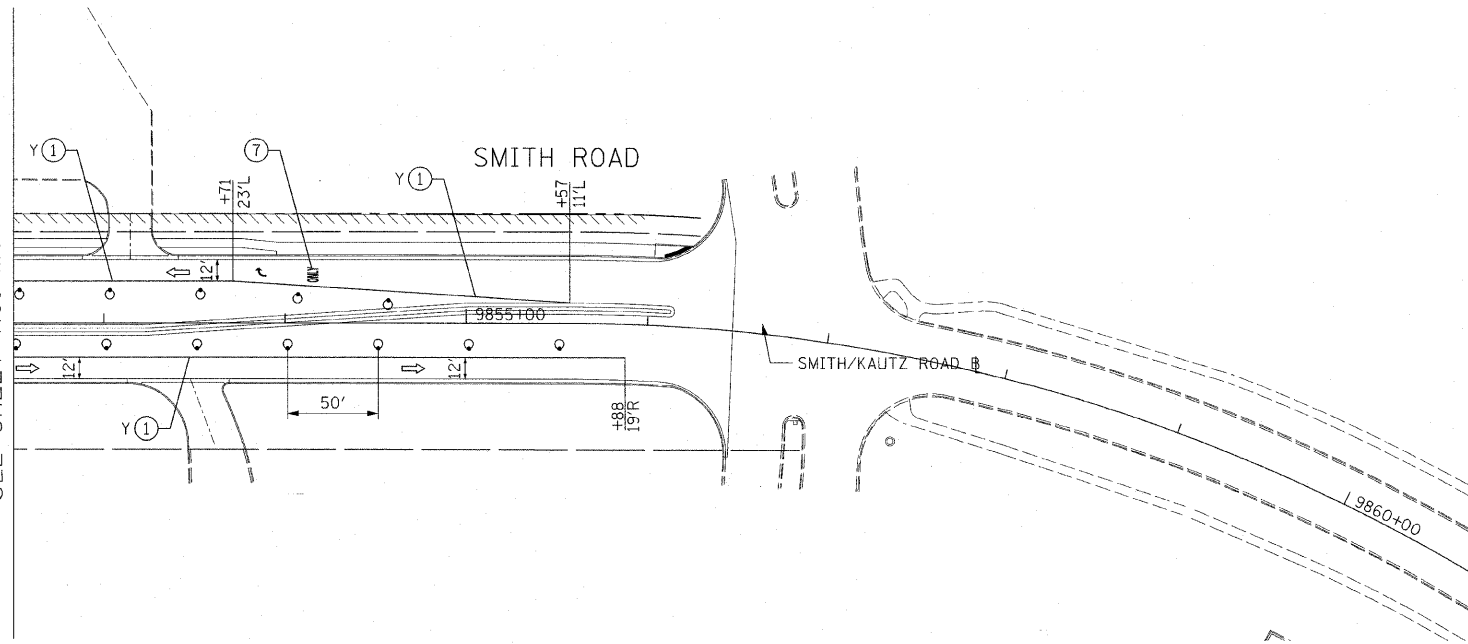
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 HORIZ: 1"=50'
 DATE: NOVEMBER 1, 2011

DRAWN BY: RMG
 CHECKED BY: JWM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	136
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410

MATCH LINE STA 9852+50
 SEE SHEET NO. MOT-2-01

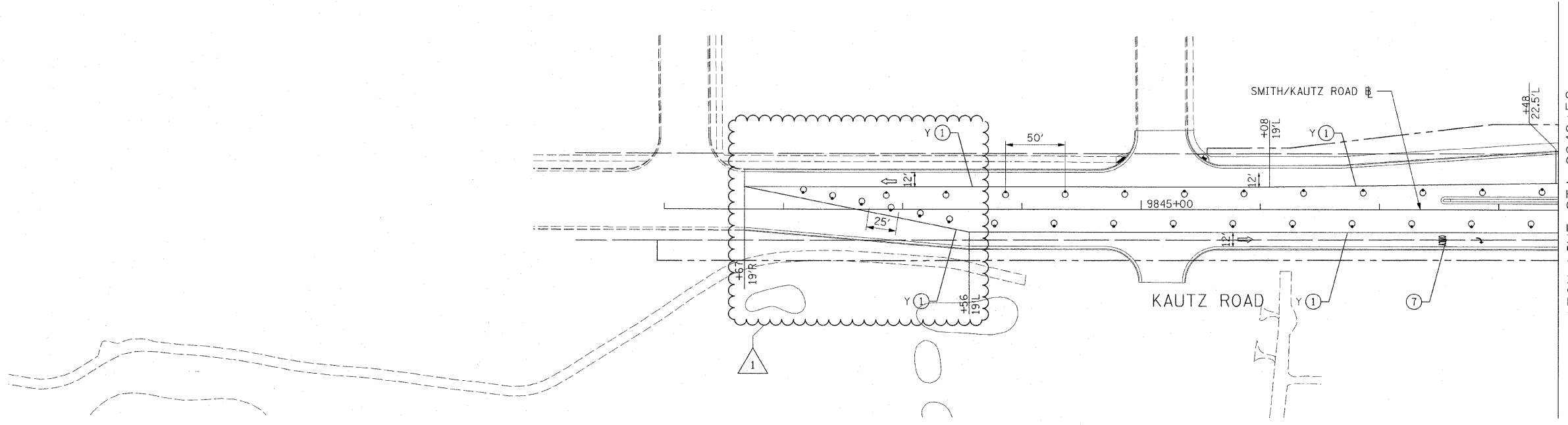


LEGEND:

- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE I OR II BARRICADES
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR
- TYPE III BARRICADES
- 4" EDGE LINE
- 4" DOUBLE CENTER LINE - YELLOW
- 4" SKIP DASH LINE (30' SKIP/10' DASH) - WHITE
- 4" SKIP DASH LINE (6' SKIP/2' DASH) - WHITE
- 6" LANE LINE - WHITE
- 24" STOP BAR - WHITE
- LETTERS AND SYMBOLS

NOTES:

1. ALL APPLICABLE STATE STANDARDS SHALL BE APPLIED AT ALL CROSS STREETS AND AT THE PROJECT LIMITS.



MATCH LINE STA 9848+50
 SEE SHEET NO. MOT-2-01

MOT-2-10

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE 2**

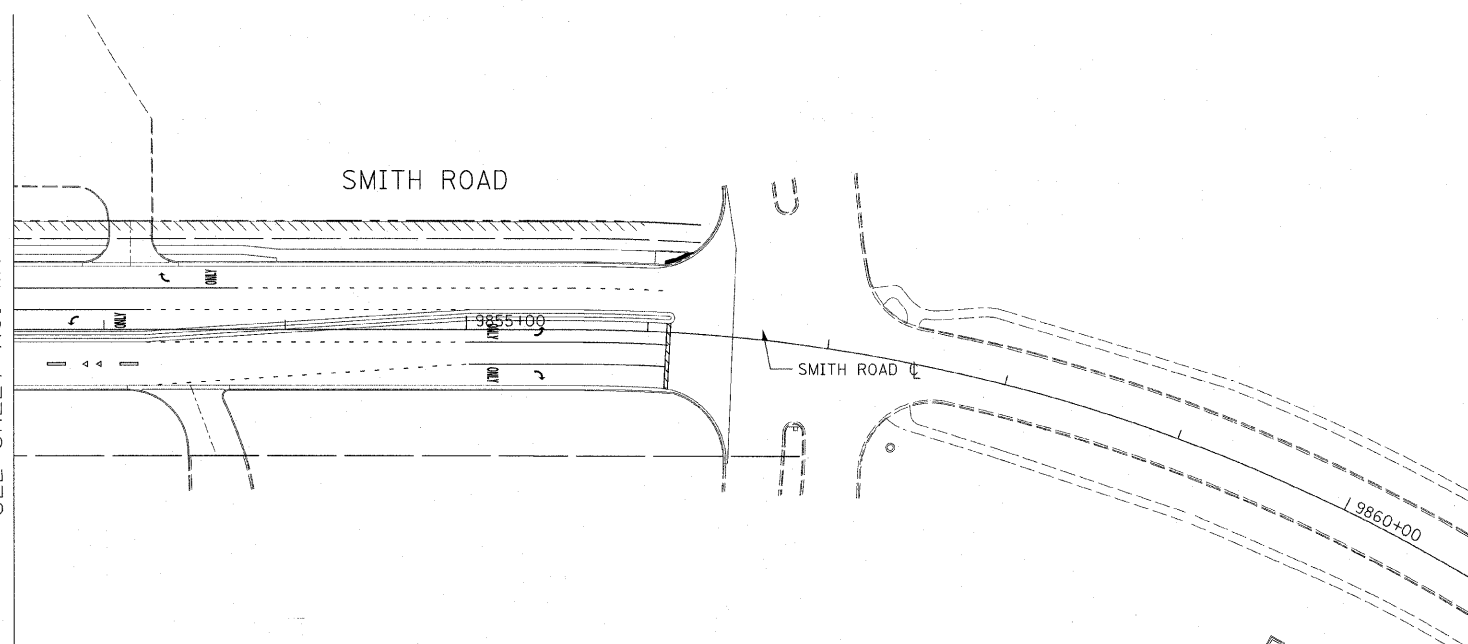
SCALE: VERT: NONE
 HORIZ: 1"=50'
 DATE: NOVEMBER 1, 2011
 DRAWN BY: RMG
 CHECKED BY: JWM
















F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	146
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

MATCH LINE STA 9852+50
SEE SHEET NO. MOT-2A-01

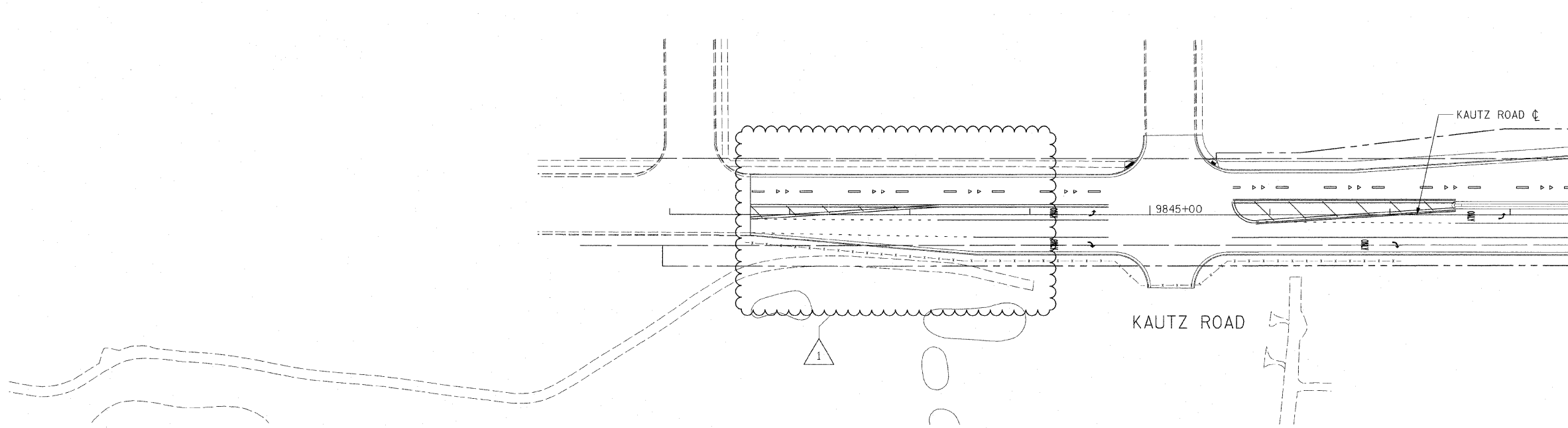


LEGEND:

-  TEMPORARY PAVEMENT
-  DIRECTION OF TRAFFIC
-  TYPE I OR II BARRICADES
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADES
-  4" EDGE LINE
-  4" DOUBLE CENTER LINE - YELLOW
-  4" SKIP DASH LINE (30' SKIP/10' DASH) - WHITE
-  4" SKIP DASH LINE (6' SKIP/2' DASH) - WHITE
-  6" LANE LINE - WHITE
-  24" STOP BAR - WHITE
-  LETTERS AND SYMBOLS

NOTES:

1. FINAL PAVEMENT MARKINGS SHALL BE INSTALLED ALONG SMITH AND KAUTZ ROAD. SEE PAVEMENT MARKING PLANS FOR DETAILS.



MATCH LINE STA 9848+50
SEE SHEET NO. MOT-2A-01

MOT-2A-10



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE 2A

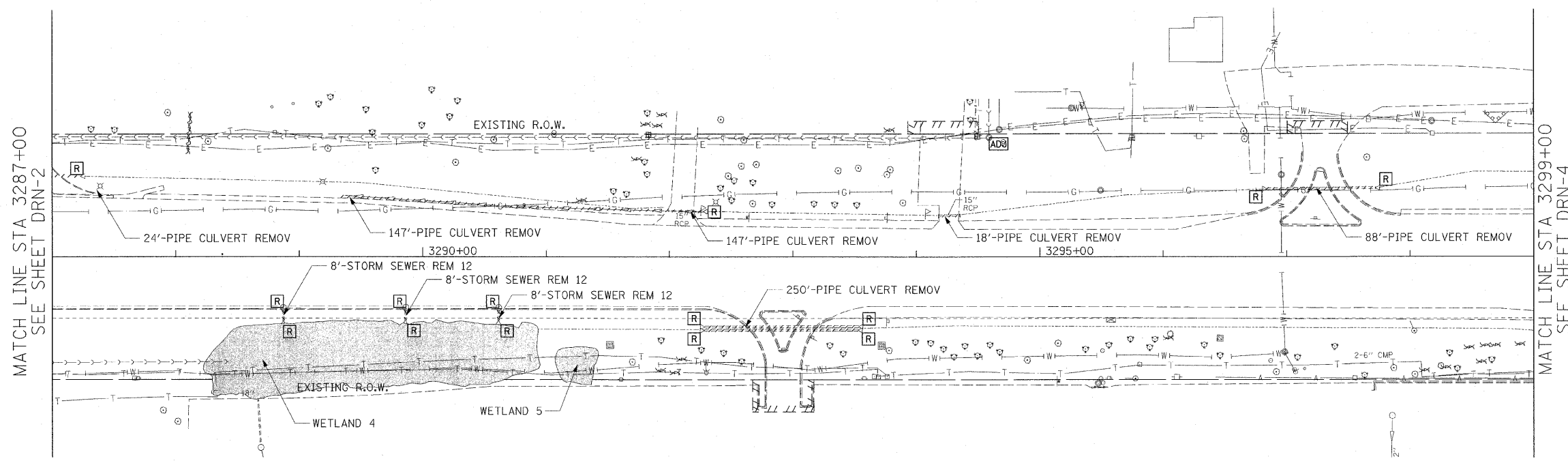
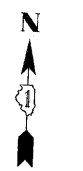
SCALE: VERT: NONE
 HORIZ: 1"=50'
 DATE: NOVEMBER 1, 2011

DRAWN BY: RMG
 CHECKED BY: JWM

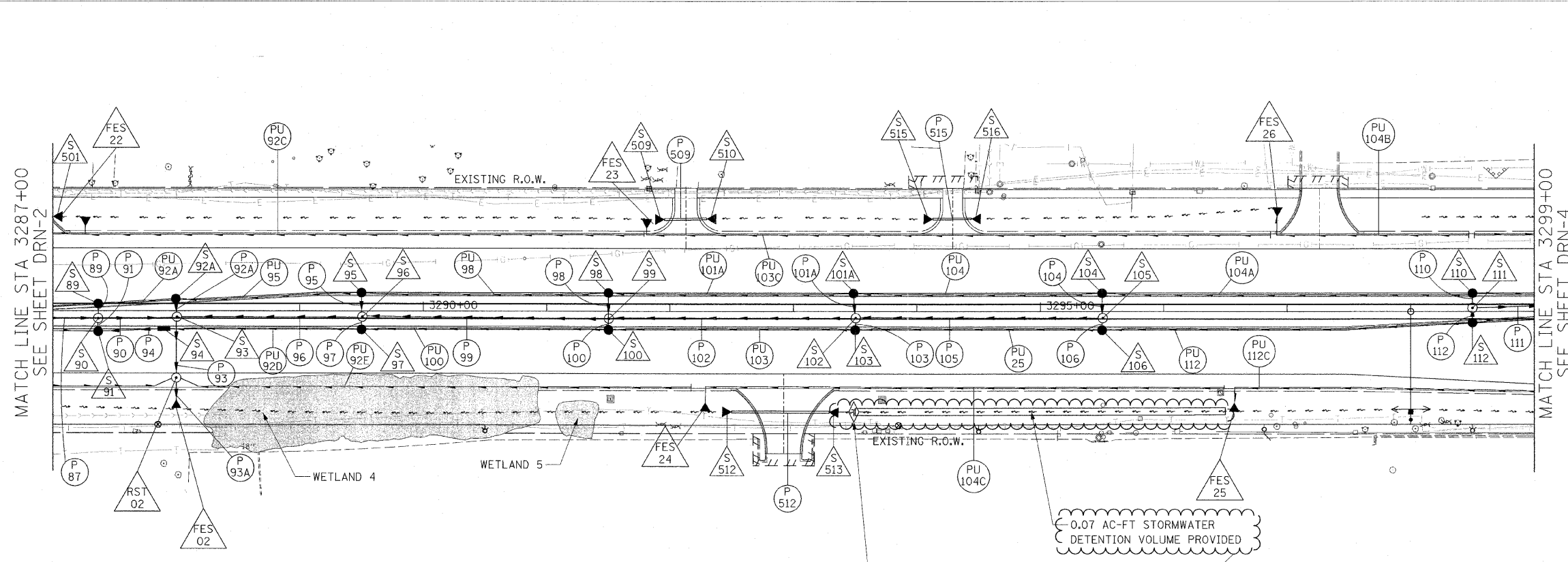
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	166
STA. 3287+00		TO STA. 3299+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

62410

NOTES:
 1. SEE DRAINAGE SCHEDULE FOR CULVERT, STRUCTURE, PIPE, AND UNDERDRAIN INFORMATION



EXISTING CONDITIONS AND DRAINAGE REMOVALS



PROPOSED DRAINAGE PLAN



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

DRAINAGE PLAN
 IL ROUTE 64
 STA. 3287+00 TO STA. 3299+00

SCALE: VERT: NONE
 HORIZ: 1" = 50'
 DATE: NOVEMBER 1, 2011
 DRAWN BY: AFC
 CHECKED BY: EBY

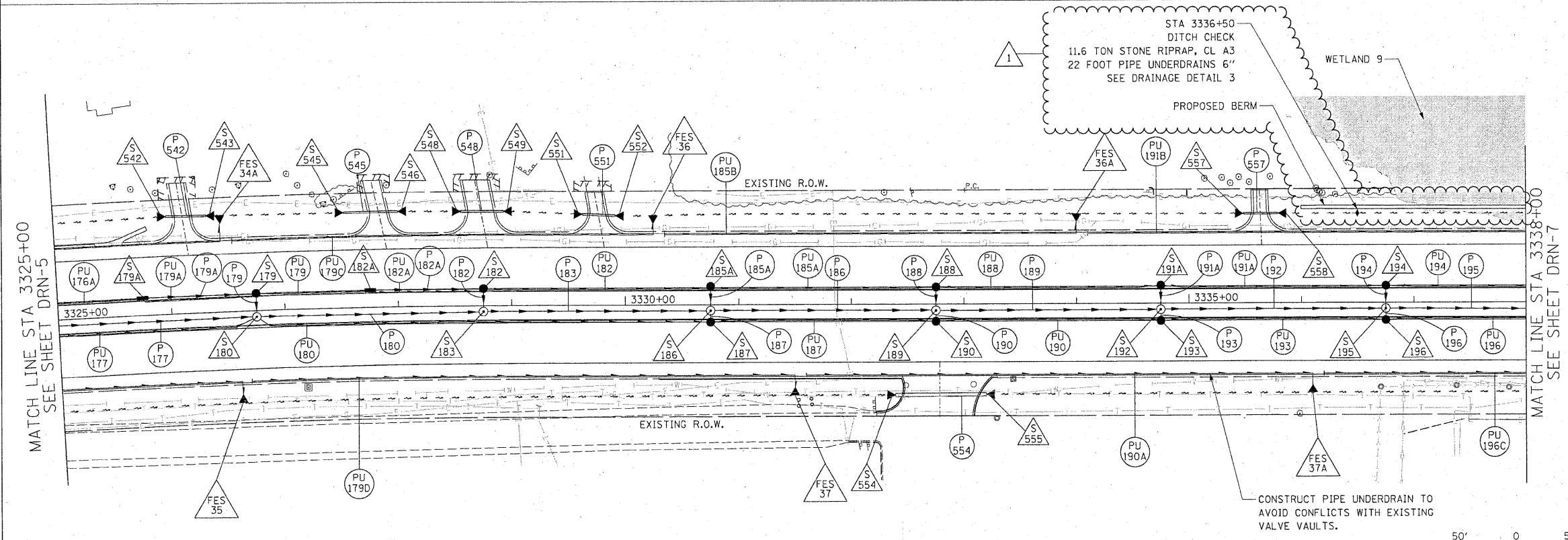
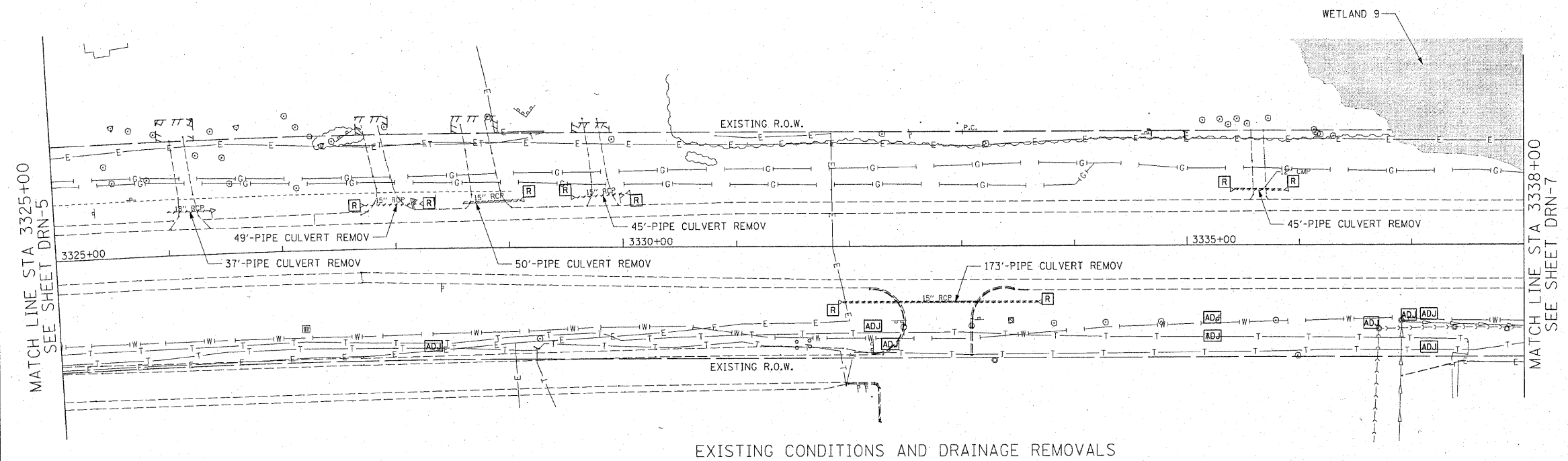


DRN-3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	169
STA. 3325+00		TO STA. 3338+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

62410

NOTES:
 1. SEE DRAINAGE SCHEDULE FOR CULVERT, STRUCTURE, PIPE, AND UNDERDRAIN INFORMATION



1-10-12

PROPOSED DRAINAGE PLAN

△ Rev. 1-10-12

SCALE IN FEET

50' 0 50' 100'

REVISIONS	
NAME	DATE
△ ADDENDUM NO. 1	1

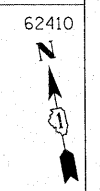
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

DRAINAGE PLAN
 IL ROUTE 64
 STA. 3325+00 TO STA. 3338+00

SCALE: VERT: NONE
 HORIZ: 1" = 50'
 DATE: DECEMBER 2, 2011

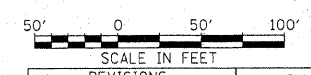
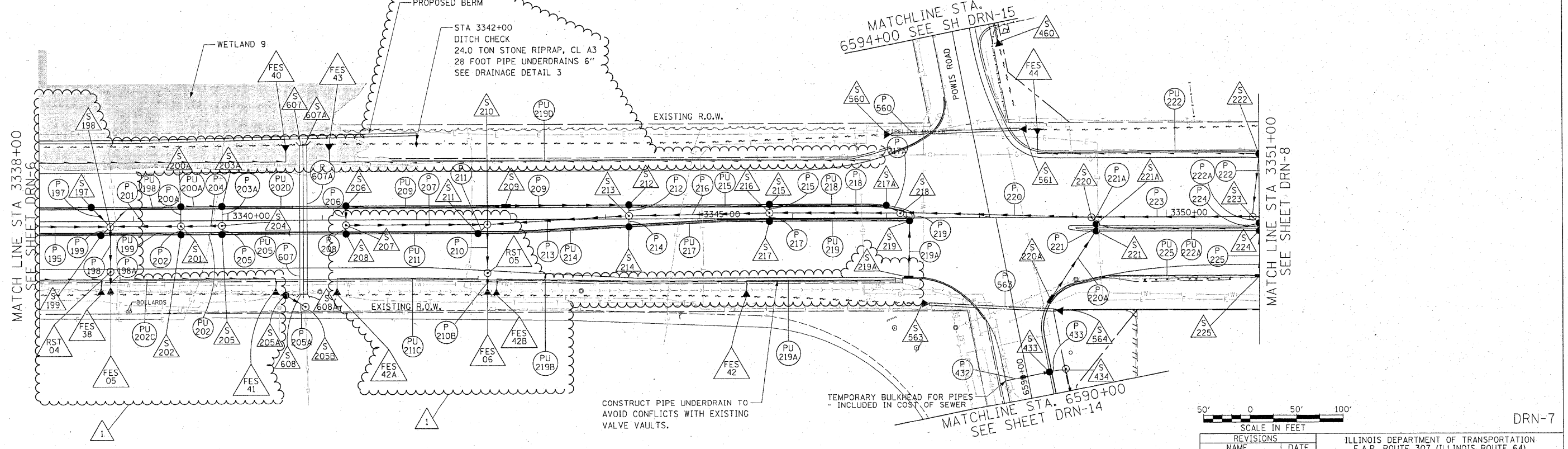
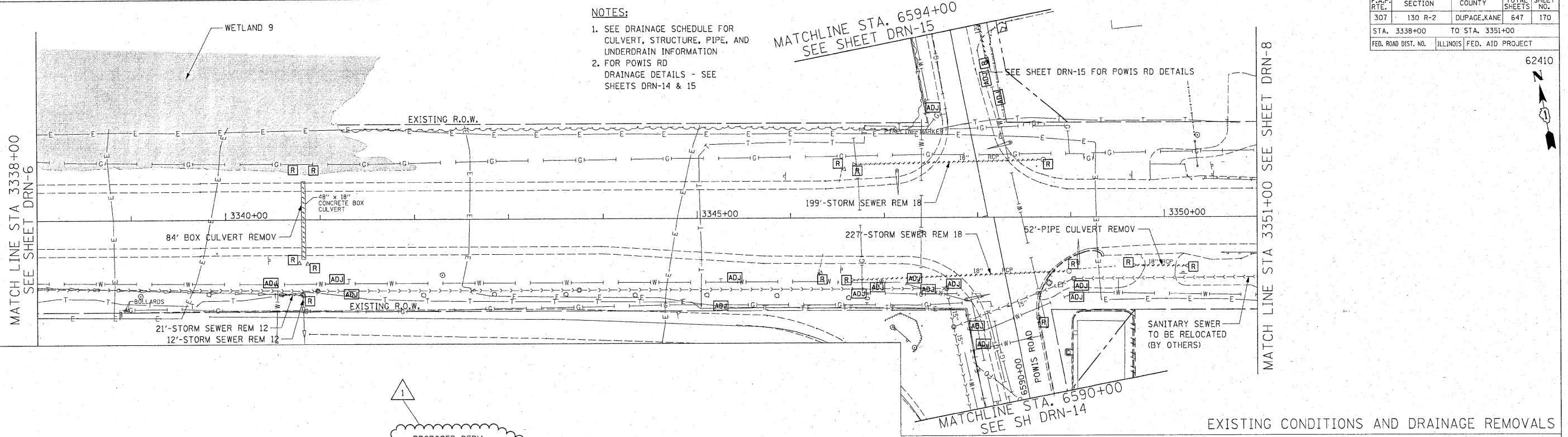
DRAWN BY: AFC
 CHECKED BY: EBY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	170
STA. 3338+00		TO STA. 3351+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES:

1. SEE DRAINAGE SCHEDULE FOR CULVERT, STRUCTURE, PIPE, AND UNDERDRAIN INFORMATION
2. FOR POWIS RD DRAINAGE DETAILS - SEE SHEETS DRN-14 & 15

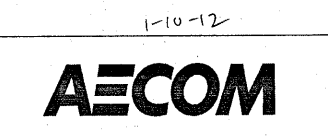


REVISIONS	
NAME	DATE
ADDENDUM NO. 1	11-1-11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

DRAINAGE PLAN
 IL ROUTE 64
 STA. 3338+00 TO STA. 3351+00

SCALE: VERT: NONE
 HORIZ: 1" = 50"
 DATE: DECEMBER 2, 2011
 DRAWN BY: AFC
 CHECKED BY: EBY

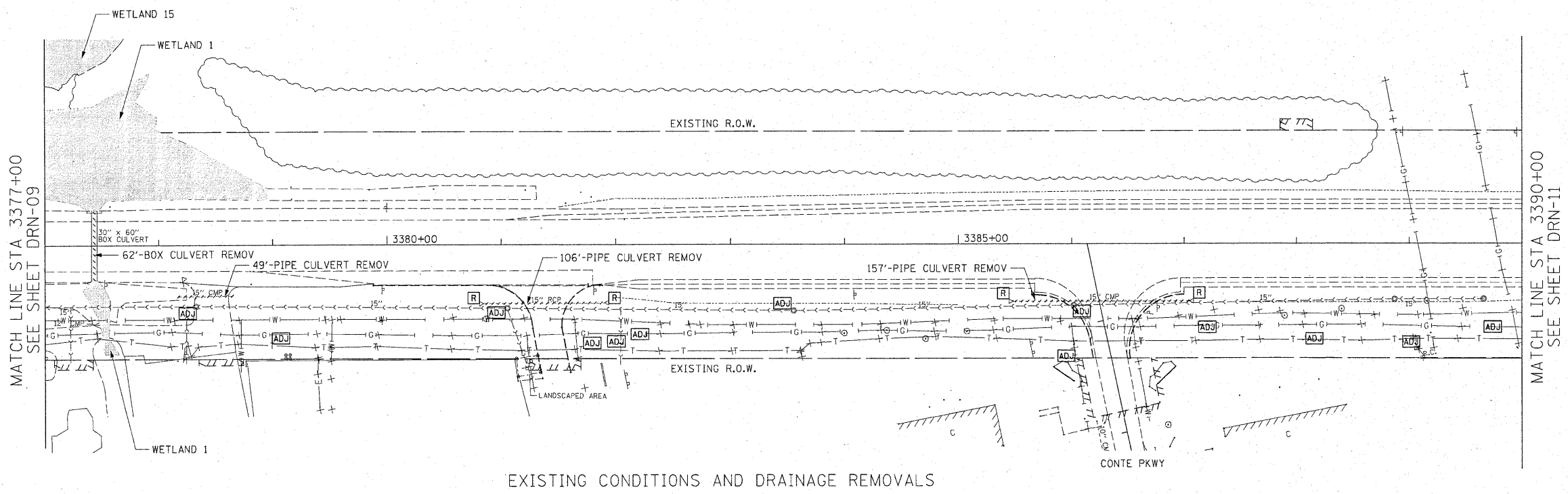


PROPOSED DRAINAGE PLAN

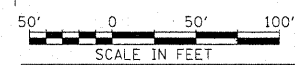
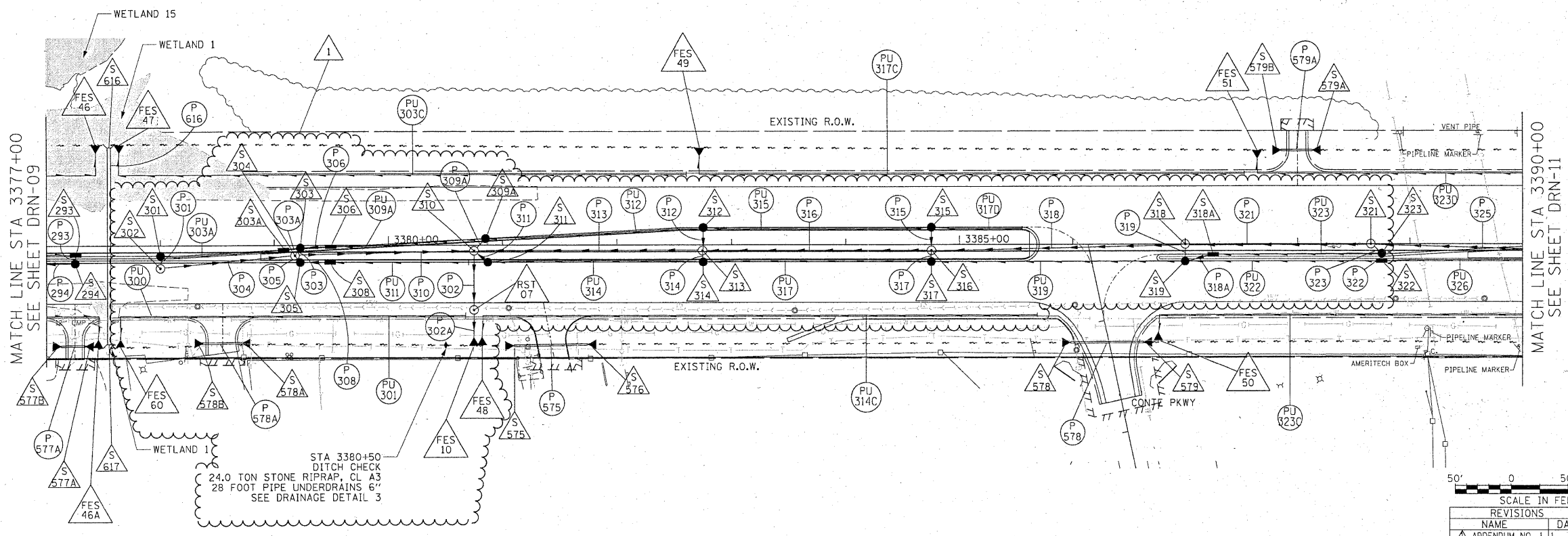
Rev. 1-10-12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	173
STA. 3377+00		TO STA. 3390+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



NOTES:
 1. SEE DRAINAGE SCHEDULE FOR CULVERT, STRUCTURE, PIPE, AND UNDERDRAIN INFORMATION



DRN-10

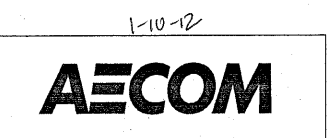
REVISIONS	
NAME	DATE
ADDENDUM NO. 1	1-

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

DRAINAGE PLAN
 IL ROUTE 64
 STA. 3377+00 TO STA. 3390+00

SCALE: VERT: NONE
 HORIZ: 1" = 50"
 DATE: DECEMBER 2, 2011

DRAWN BY: AFC
 CHECKED BY: EBY

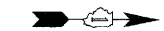


PROPOSED DRAINAGE PLAN

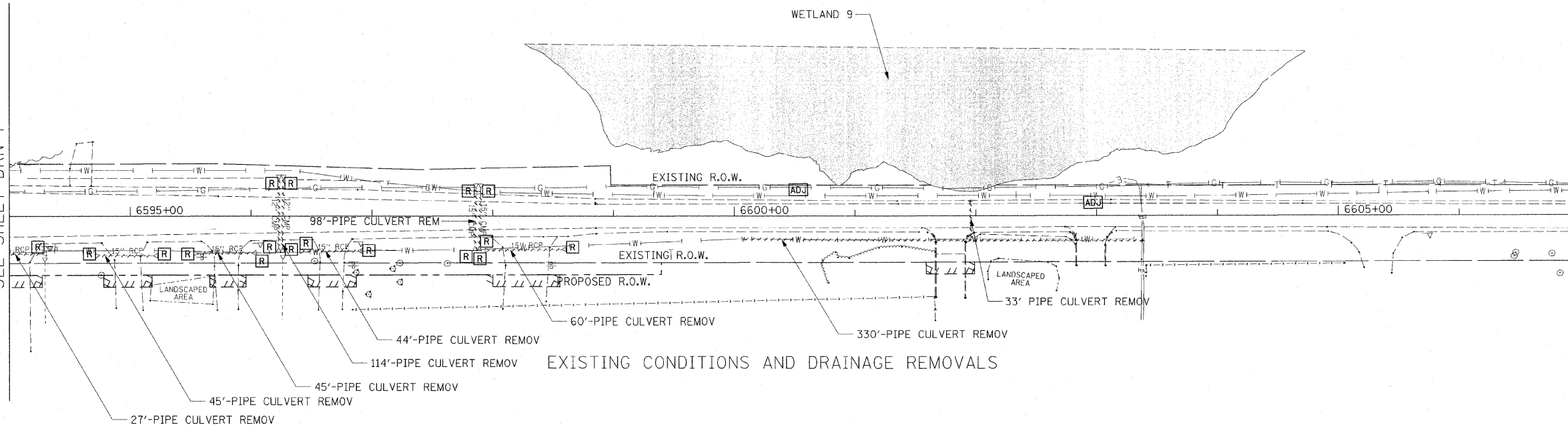
Rev. 1-10-12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	178
STA. 6594+00 TO STA. 6607+00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410



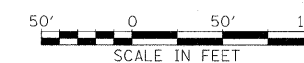
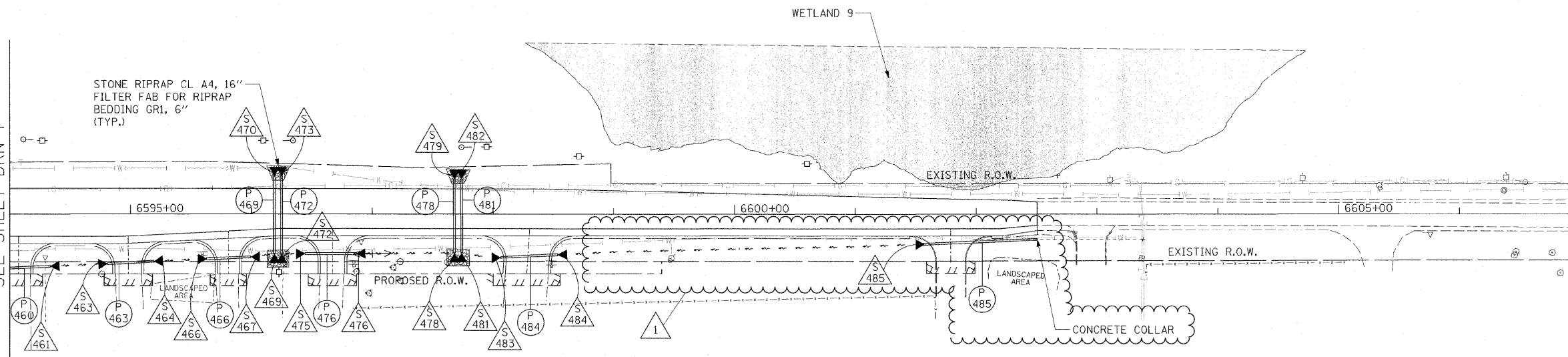
MATCHLINE STA. 6594+00
SEE SHEET DRN-7



NOTES:

1. SEE DRAINAGE SCHEDULE FOR CULVERT, STRUCTURE, PIPE, AND UNDERDRAIN INFORMATION
2. FOR POWIS ROAD INTERSECTION DRAINAGE DETAILS - SEE SHEET DRN-7

MATCHLINE STA. 6594+00
SEE SHEET DRN-7



DRN-15

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

DRAINAGE PLAN
 POWIS AVENUE
 STA. 6594+00 TO STA. 6607+00

SCALE: VERT: NONE
 HORIZ: 1" = 50'
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: EEE

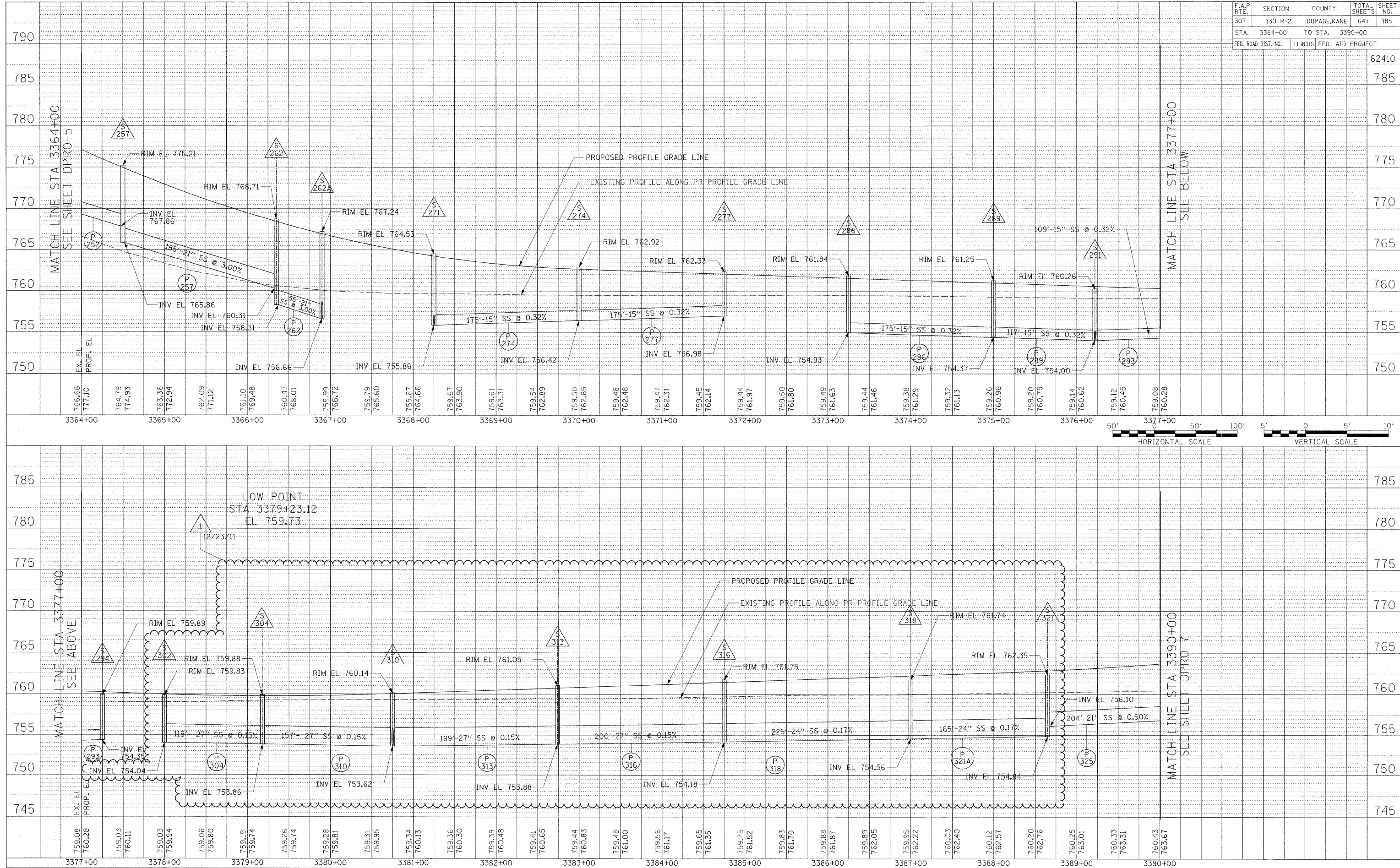
PROPOSED DRAINAGE PLAN



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	185
STA. 3364+00		TO STA. 3390+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

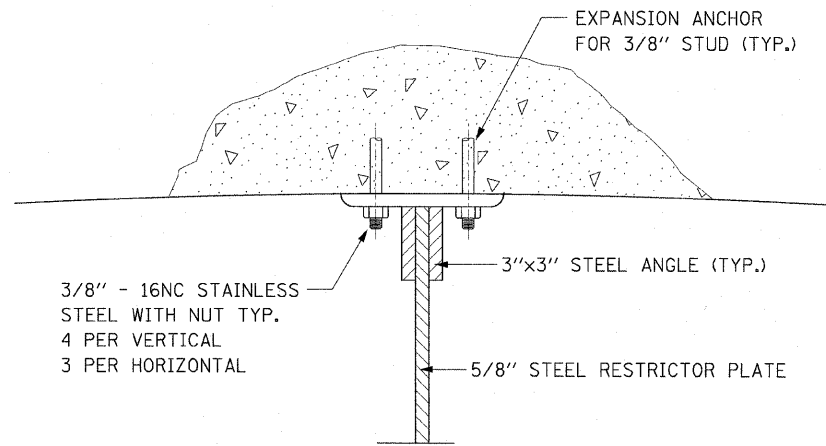
PLAN	SURVEYED	DATE
BY		
DATE		
BY		
DATE		
BY		
DATE		

PROFILE	SURVEYED	DATE
BY		
DATE		
BY		
DATE		
BY		
DATE		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	190
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

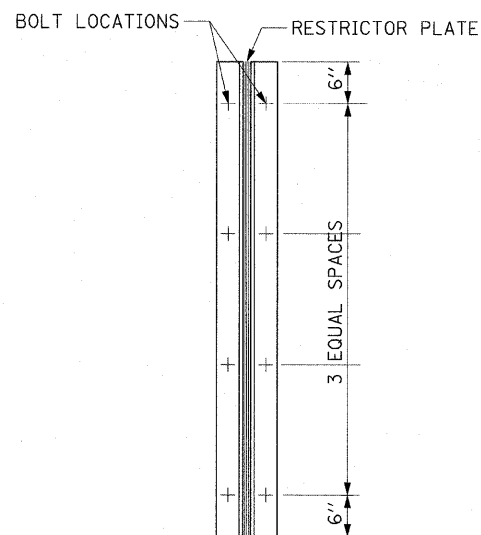
62410



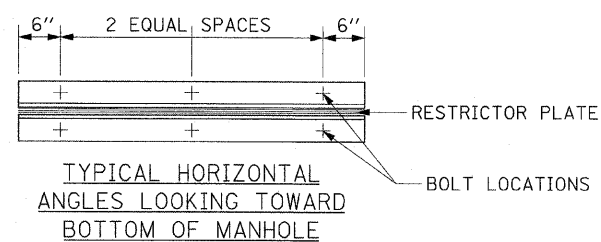
ANGLE FASTENER DETAIL

NOTES:

1. ALL STEEL ANGLES AND PLATE TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



TYPICAL VERTICAL ANGLES LOOKING TOWARD MANHOLE WALL



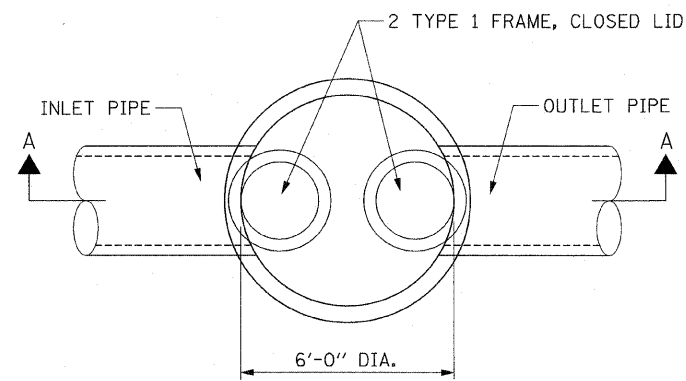
TYPICAL HORIZONTAL ANGLES LOOKING TOWARD BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

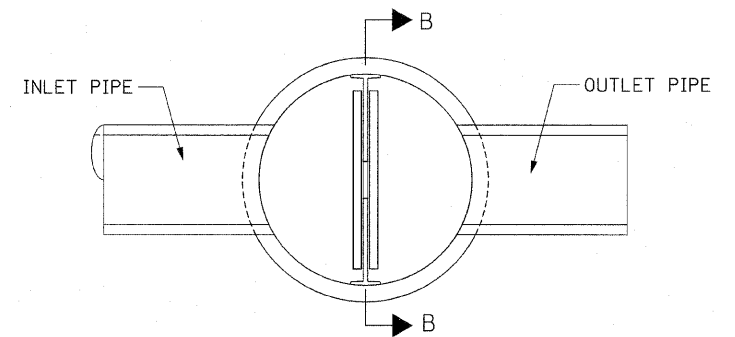
NOTES:

1. ANGLES SHOULD BE 3"x3"x3/4"
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

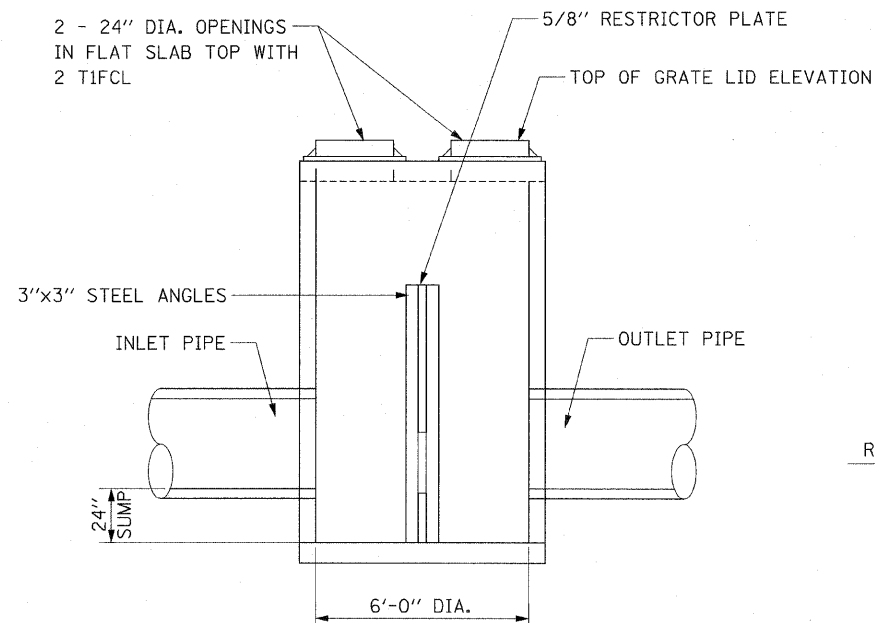
STEEL ANGLE BOLTING DETAILS



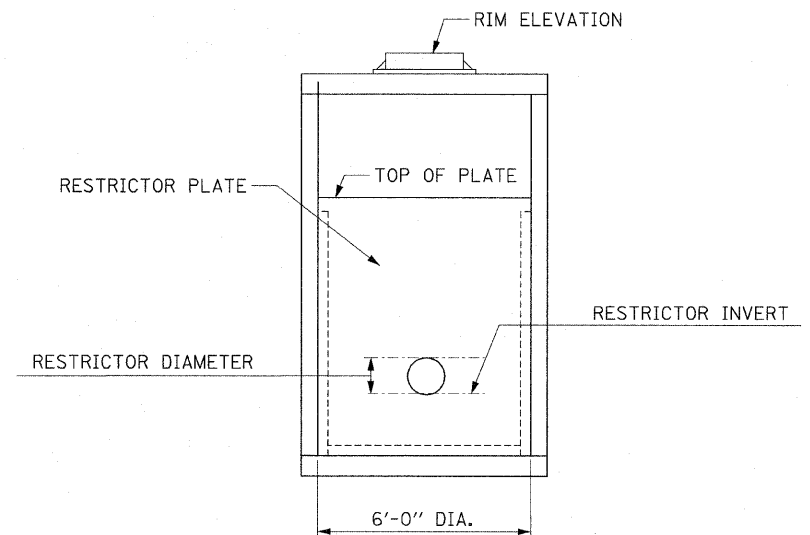
PLAN



PLAN



SECTION A-A



SECTION B-B

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR: MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE

STR. NO.	STATION	OFFSET	RESTRICTOR DIAMETER (INCHES)	RESTRICTOR INVERT	TOP OF PLATE ELEVATION	RIM ELEVATION
RST 1	9849+26	36.6' LT	27	757.50	761.50	764.15
RST 2	3288+00	55' RT	15	758.00	760.00	762.01
RST 3	3313+25	54' RT	18	753.50	756.50	758.76
RST 4	3338+75	53.5' RT	18	751.56	753.68	755.13
RST 5	3342+75	56.9' RT	24	752.07	754.43	755.76
RST 6	3366+90	68' RT	21	755.67	763.00	766.12
RST 7	3380+75	57' RT	21	753.54	757.17	759.39
RST 8	3409+50	55' RT	21	770.04	773.00	775.93

DRND-1

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12-23-11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

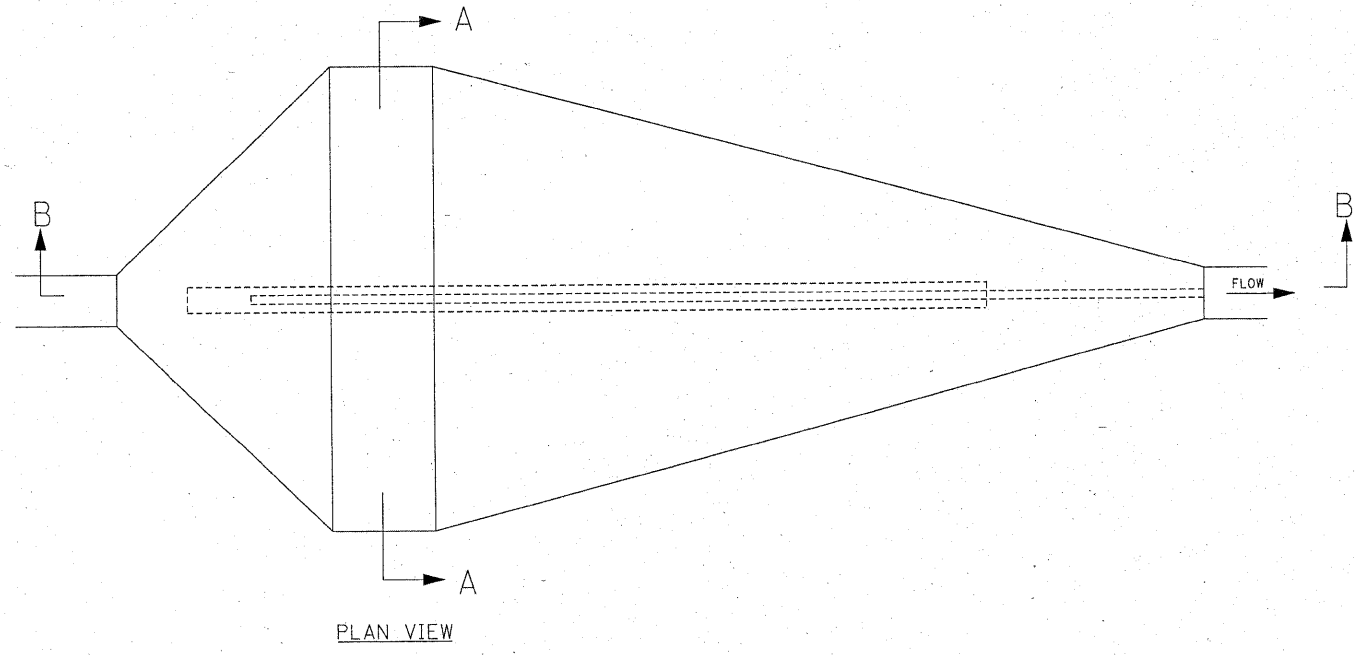
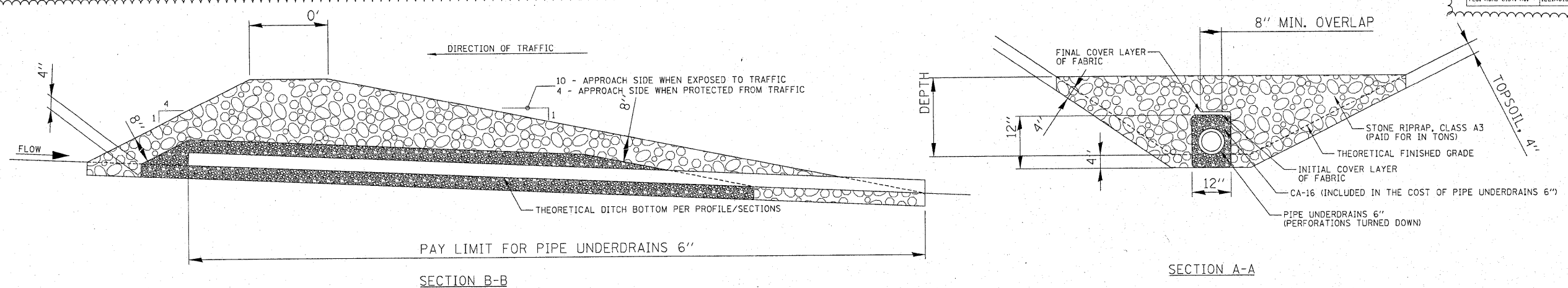
**DRAINAGE DETAILS -
 MANHOLE WITH
 RESTRICTOR PLATE**

SCALE: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: AFC
 CHECKED BY: EBY



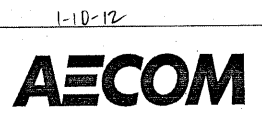
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	191 A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



STATION	DITCH SIDE	PROTECTED FROM TRAFFIC	DITCH FLOW DIRECTION	TRAFFIC APPROACH FACE SLOPE	TRAFFIC DEPARTURE FACE SLOPE	DITCH CHECK HEIGHT (FT)	DITCH FORESLOPE	DITCH BACKSLOPE	DITCH BOTTOM WIDTH (FT)	RIPRAP VOLUME (CU YD)	RIPRAP WEIGHT (TON) 2 TON/CU YD	PIPE UNDERDRAIN LENGTH (FT)
3336+50	WB	NO	NORTH	10:1	4:1	1.5	4:1	3:1	2	5.8	11.6	22
3342+00	WB	NO	NORTH	10:1	4:1	2.0	4:1	3:1	2	12.0	24.0	28
3380+50	EB	NO	NORTH	10:1	4:1	2.0	4:1	3:1	2	12.0	24.0	28

DRND-3



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

DRAINAGE DETAILS -
 DITCH CHECK DETAIL

SCALE: NONE
 DATE: DECEMBER 23, 2011

DRAWN BY: KLK
 CHECKED BY: EBY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	259
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

PAVEMENT MARKING NOTES

- ALL FINAL PAVEMENT MARKING MATERIALS TO BE USED ON CONCRETE PAVEMENT SHALL BE POLYUREA TYPE 1 EXCEPT WHERE NOTED IN THE PLANS.
- ALL FINAL PAVEMENT MARKINGS TO BE USED ON RESURFACING SHALL BE THERMOPLASTIC EXCEPT WHERE NOTED IN THE PLANS.
- ALL FINAL PAVEMENT MARKING SYMBOLS SHALL BE OF LARGE SIZE.
- ALL 4 INCHES EDGE LINES SHALL TERMINATE WHEN THEY MEET CURB AND GUTTER EXCEPT WHERE OTHERWISE INDICATED IN THE PLANS.
- ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- THE RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER AT (847) 741-9857 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN ON THE PLANS.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING.

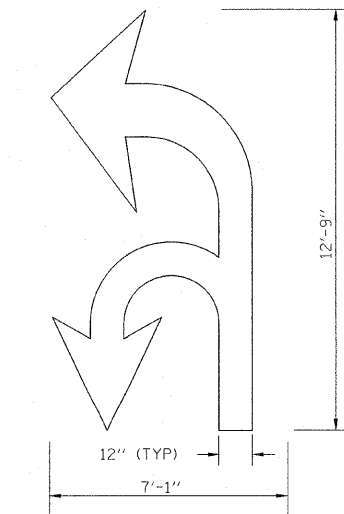
SIGNING NOTES

- SIGN LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER
- PROPOSED SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORT(S) OR METAL POSTS CONFORMING TO THE STANDARD SIGN PANEL ERECTION DETAILS. ALL SIGNS LOCATED IN CONCRETE OR LANDSCAPED MEDIANS SHALL BE ERECTED ON TELESCOPING STEEL SIGN SUPPORTS. ALL OTHER SIGNS SHALL BE ERECTED ON METAL POSTS.
- ALL SIGNS ERECTED IN PAVED MEDIANS SHALL HAVE A SLEEVE PLACED IN THE SURFACE AS SHOWN IN IDOT HIGHWAY STANDARD 728001.
- EXISTING SIGNS SHALL BE RELOCATED PER THE ENGINEER'S DIRECTION, AT NO ADDITIONAL COST TO THE CONTRACT. PROPOSED SIGNS SHOWN ARE REQUIRED IN ADDITION TO THE EXISTING SIGNS OR SIGNS PROVIDED BY IDOT.

PAVEMENT MARKING SCHEDULE

	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)
	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	EACH	EACH
KANE												
PMK-1	419.9	1,438	2,581	342	175	-	-	-	-	-	-	-
DUPAGE												
PMK-1	-	-	-	-	-	371.8	1,826	1,984	257	175	62	-
PMK-2	-	-	-	-	-	452.4	7,530	1,511	1,093	226	246	-
PMK-3	-	-	-	-	-	416.0	4,037	1,269	556	90	128	-
PMK-4	-	-	-	-	-	408.2	8,382	1,278	1,040	243	244	-
PMK-5	-	-	-	-	-	149.5	7,859	573	1,180	57	256	34
PMK-6	-	-	-	-	-	149.5	3,721	1,505	942	33	128	-
PMK-7	-	-	-	-	-	310.7	4,422	981	563	171	132	-
PMK-8	-	-	-	-	-	145.6	5,657	1,001	867	-	228	-
PMK-9	-	-	-	-	-	109.2	9,346	622	317	-	-	-
PMK-10	-	-	-	-	-	291.2	1,834	1,363	146	36	18	-
KANE	419.9	1,438	2,581	342	175	0	0	0	0	0	0	0
DUPAGE	0.0	0	0	0	0	2,804.1	54,614	12,087	6,961	1,031	1,442	34
TOTALS	419.9	1,438	2,581	342	175	2,804.1	54,614	12,087	6,961	1,031	1,442	34

NOTE:
 ALL SCHEDULES WITHIN THIS PLAN SET ARE FOR CONSTRUCTION CODE 0003.



PAVEMENT ARROW DETAIL
 NO SCALE

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/16/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

PAVEMENT MARKING AND SIGNING NOTES AND DETAILS

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: AFC
 CHECKED BY: NJH

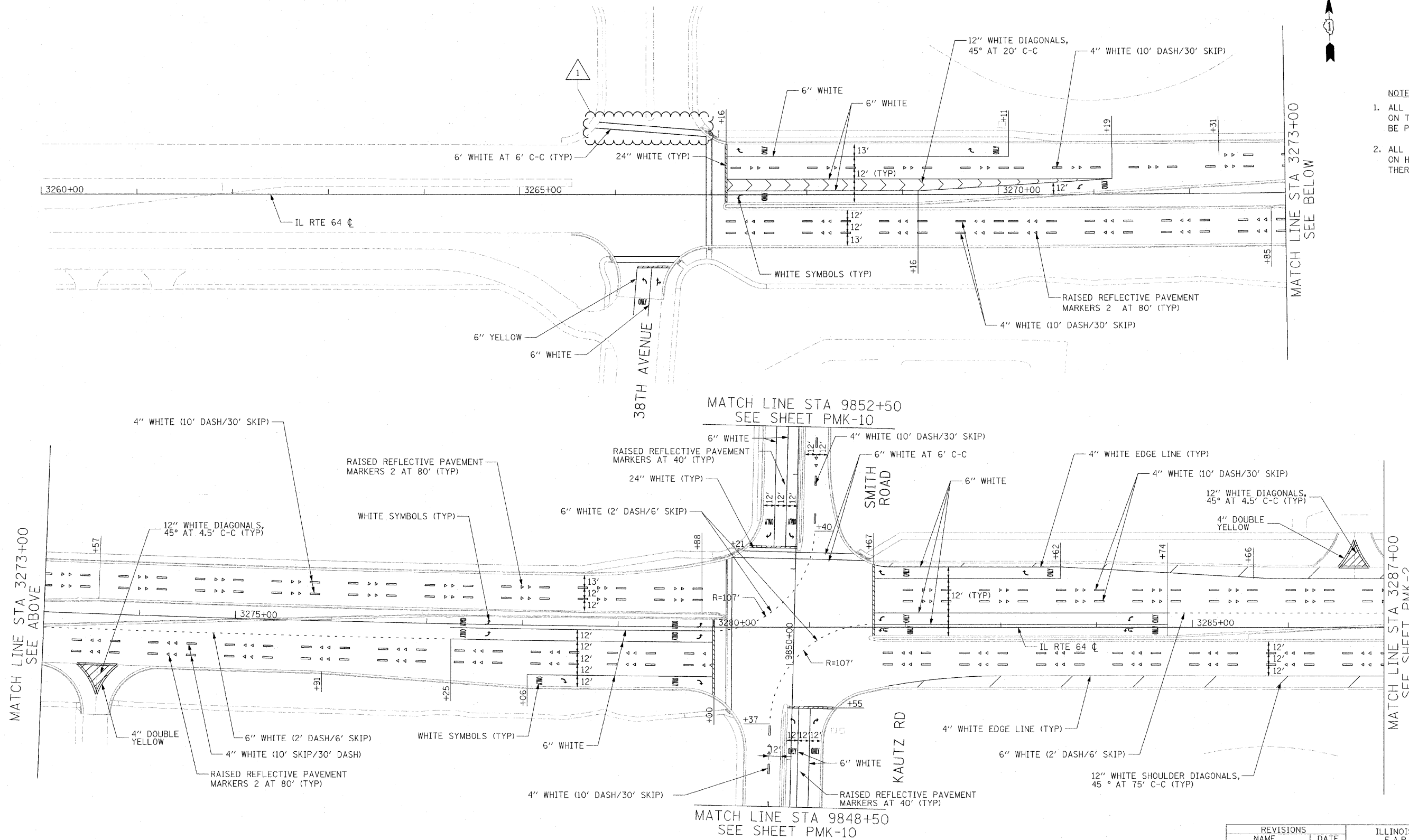


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	262
STA. 3260+00		TO STA. 3287+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410

NOTES:

1. ALL FINAL PAVEMENT MARKINGS ON THE FINAL PCC SURFACE SHALL BE POLYUREA TYPE 1.
2. ALL FINAL PAVEMENT MARKINGS ON HMA SURFACES SHALL BE THERMOPLASTIC.

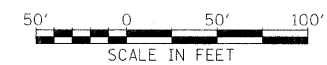


MATCH LINE STA 3273+00
SEE ABOVE

MATCH LINE STA 3287+00
SEE SHEET PMK-2

MATCH LINE STA 9848+50
SEE SHEET PMK-10

PMK-1



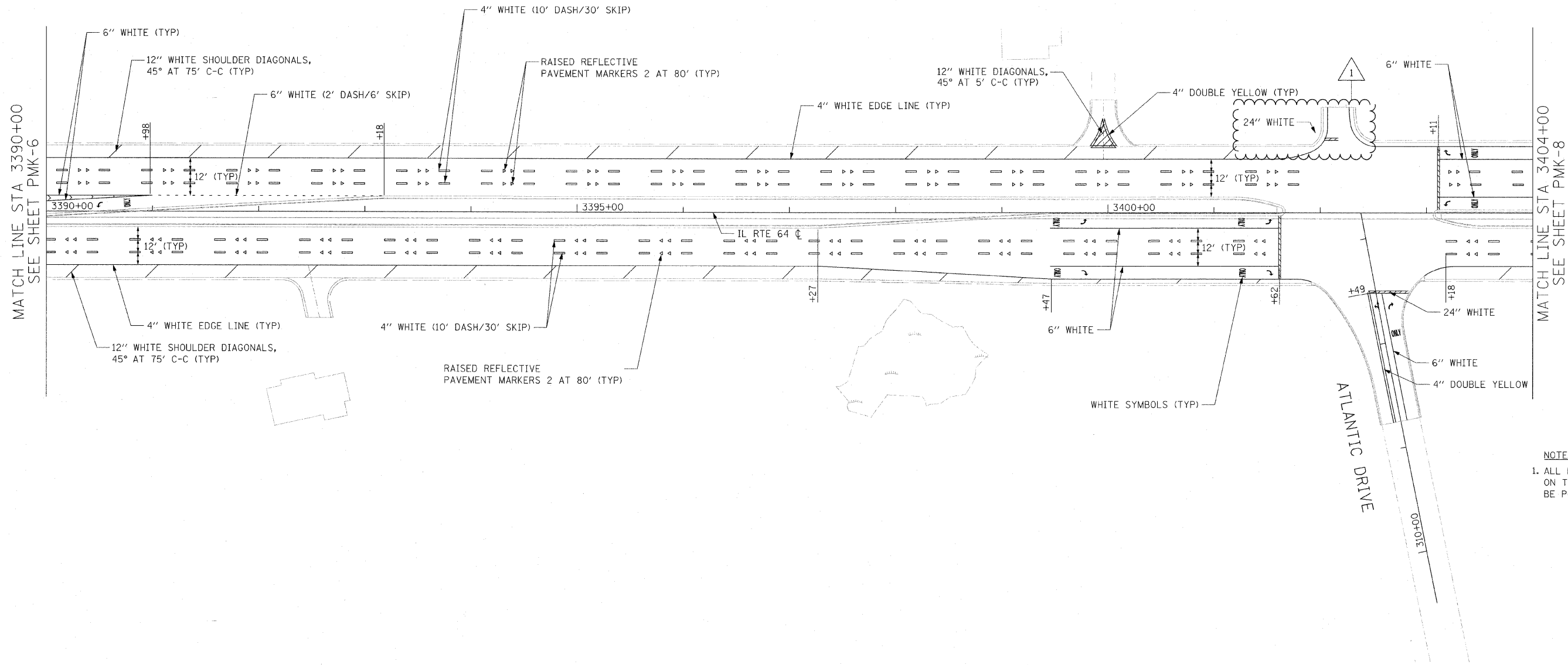
REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)
PAVEMENT MARKING PLAN
 IL ROUTE 64
 STA. 3260+00 TO STA. 3287+00

SCALE: VERT: NONE
 HORIZ: 1"=50'
 DATE: DECEMBER 2, 2011
 DRAWN BY: JWM
 CHECKED BY: RMG

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	268
STA. 3390+00		TO STA. 3404+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

62410



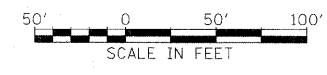
NOTE:
 1. ALL FINAL PAVEMENT MARKINGS ON THE FINAL PCC SURFACE SHALL BE POLYUREA TYPE 1.

MATCH LINE STA 3390+00
SEE SHEET PMK-6

MATCH LINE STA 3404+00
SEE SHEET PMK-8

ATLANTIC DRIVE
 1310+00

PMK-7



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)
PAVEMENT MARKING PLAN
 IL ROUTE 64
 STA. 3390+00 TO STA. 3404+00

SCALE: VERT: NONE
 HORIZ: 1"=50'
 DATE: NOVEMBER 1, 2011

DRAWN BY: JWM
 CHECKED BY: RMG

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	321
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

62410

ITEM	UNIT	TRAFFIC SIGNALS								INTERCONNECT				TOTAL
		ST. CHARLES				WEST CHICAGO				KANE COUNTY		DUPAGE COUNTY		
		FOXFIELD	KIRK RD	W MALL DR	E MALL DR	SMITH RD	PHEASANT RUN	POWIS RD	ATLANTIC DR	7TH-W MALL	W MALL-KAUTZ	KAUTZ-POWIS	ATLANTIC-IL 59	
SERVICE INSTALLATION - GROUND MOUNTED	EACH	0	0	0	1	1	2	0	0	0	0	0	0	4
SERVICE INSTALLATION - POLE MOUNTED	EACH	0	0	0	0	0	0	1	1	0	0	0	0	2
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	38	0	0	945	936	1119	1468	857	0	1063	6224	32	12682
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	0	27	5	45	15	26	0	19	0	0	0	0	137
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	0	0	0	53	63	57	0	136	0	0	0	0	309
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	0	0	0	524	681	571	479	567	0	0	0	0	2822
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	0	0	0	0	0	0	407	0	0	0	0	0	407
HANDHOLE	EACH	0	0	0	4	3	2	0	2	0	1	5	0	17
HEAVY-DUTY HANDHOLE	EACH	0	0	0	4	5	6	10	5	0	0	5	0	35
DOUBLE HANDHOLE	EACH	0	0	0	2	2	2	2	2	0	0	0	0	10
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1	1	0	0	0	0	0	0	0	1	0	4
MAINTENANCE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	0	0	0	0	0	0	1	0	0	0	0	0	1
TRANSCIVER-FIBER OPTIC	EACH	1	1	1	1	1	1	0	1	0	0	0	0	7
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM 12F	FOOT	0	0	0	0	0	0	0	0	10231	2917	2414	2930	18492
SPAN WIRE	FOOT	0	0	0	0	0	0	779	0	0	0	0	0	779
TETHER WIRE	FOOT	0	0	0	0	0	0	779	0	0	0	0	0	779
ELECTRICAL CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	0	0	0	0	0	0	0	0	10231	2894	2411	2927	18463
ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	460	639	552	468	960	275	0	0	0	0	0	0	3354
ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	0	653	566	1430	2165	1322	0	631	0	0	0	0	6767
ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	0	0	0	2012	3970	2928	0	4167	0	0	0	0	13077
ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	0	0	0	1951	2215	2315	0	535	0	0	0	0	7016
ELECTRICAL CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	0	0	0	2881	4219	2273	0	2953	0	0	0	0	12326
ELECTRICAL CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	0	0	0	106	113	322	0	40	0	0	0	0	581
ELECTRICAL CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	0	0	0	779	807	1026	0	817	0	0	0	0	3429
ELECTRICAL CABLE AERIAL SUSPENDED, SIGNAL NO. 14 3C	FOOT	0	0	0	0	0	0	907	0	0	0	0	0	907
ELECTRICAL CABLE AERIAL SUSPENDED, SIGNAL NO. 14 5C	FOOT	0	0	0	0	0	0	5330	0	0	0	0	0	5330
ELECTRICAL CABLE AERIAL SUSPENDED, SERVICE, NO. 6 2C	FOOT	0	0	0	0	0	0	106	0	0	0	0	0	106
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	0	1	1	0	1	0	0	0	0	0	0	0	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	0	0	0	1	0	0	0	1	0	0	0	0	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	0	0	0	2	0	2	0	1	0	0	0	0	5
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II	EACH	2	0	0	0	0	0	0	0	0	0	0	0	2
STEEL MAST ARM ASSEMBLY AND POLE 16 FT.	EACH	0	0	0	0	0	0	0	2	0	0	0	0	2
STEEL MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	0	0	0	0	0	0	0	1	0	0	0	0	1
STEEL MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	0	0	0	1	0	0	0	0	0	0	0	0	1
STEEL MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	0	0	0	0	0	0	0	1	0	0	0	0	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 46 FT. AND 30 FT.	EACH	0	0	0	0	0	1	0	0	0	0	0	0	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	0	0	0	1	0	0	0	0	0	0	0	0	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	0	0	0	1	0	0	0	0	0	0	0	0	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	0	0	0	0	0	0	0	2	0	0	0	0	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 62 FT.	EACH	0	0	0	0	0	1	0	0	0	0	0	0	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 70 FT.	EACH	0	0	0	0	0	1	0	0	0	0	0	0	1
CONCRETE FOUNDATION, TYPE A	FOOT	0	4	4	16	4	16	0	8	0	0	0	0	52
CONCRETE FOUNDATION, TYPE C	FOOT	0	0	0	4	4	4	0	4	0	0	0	0	16
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	0	0	0	0	0	0	0	30	0	0	0	0	30
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	0	0	0	55	16	30	0	13	0	0	0	0	114
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	0	0	0	0	71	46	0	42	0	0	0	0	159
DRILL EXISTING HANDHOLE	EACH	2	1	1	0	0	0	0	0	0	2	5	2	13
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4	6	5	8	14	10	0	15	0	0	0	0	62
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4	1	0	0	0	0	0	0	0	0	0	0	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4	4	5	5	8	8	0	1	0	0	0	0	35
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	0	0	1	1	0	0	0	1	0	0	0	0	3



SHEET 1 OF 2

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)
 SUMMARY OF TRAFFIC SIGNAL AND
 TRAFFIC SIGNAL INTERCONNECT
 QUANTITIES
 SCALE: N.T.S.
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JS
 DESIGNED BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	322
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

ITEM	UNIT	TRAFFIC SIGNALS									INTERCONNECT				TOTAL
		FOXFIELD	KIRK RD	W MALL DR	E MALL DR	SMITH RD	PHEASANT RUN	POWIS RD	ATLANTIC DR	KANE COUNTY		DUPAGE COUNTY			
										7TH-W MALL	W MALL-KAUTZ	KAUTZ-POWIS	ATLANTIC-IL 59		
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	0	1	2	1	0	0	0	0	0	0	0	0	0	4
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	0	3	1	1	0	2	0	1	0	0	0	0	0	8
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2	2	4	4	2	0	0	0	0	0	0	0	16
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2	0	0	0	0	0	0	0	0	0	0	0	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8	10	10	13	22	18	0	16	0	0	0	0	0	97
INDUCTIVE LOOP DETECTOR	EACH	9	10	12	11	14	10	0	9	0	0	0	0	0	75
DETECTOR LOOP, TYPE I	FOOT	1248	789	1763	701	192	0	0	0	0	0	0	0	0	4693
PREFORMED DETECTOR LOOP	FOOT	0	0	0	329	1516	1516	1980	885	0	0	0	0	0	6226
LIGHT DETECTOR	EACH	0	0	0	*4	*4	*4	**5	**3	0	0	0	0	0	20
LIGHT DETECTOR AMPLIFIER	EACH	0	0	0	*1	*1	*1	**1	**1	0	0	0	0	0	5
PEDESTRIAN PUSH-BUTTON	EACH	6	0	2	4	4	2	0	0	0	0	0	0	0	18
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	0	0	0	1	1	1	0	0	0	0	0	0	0	3
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	0	0	0	0	0	0	0	1	0	0	0	0	0	1
REMOVE ELECTRICAL CABLE FROM CONDUIT	FOOT	0	0	0	8208	0	8319	8339	0	0	0	0	0	0	24926
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	1	1	1	1	1	0	0	0	0	0	0	7
REMOVE EXISTING HANDHOLE	EACH	0	0	0	11	0	9	11	0	0	4	18	0	0	53
REMOVE EXISTING CONCRETE FOUNDATION	EACH	0	0	0	10	0	9	9	0	0	0	0	0	0	28
REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	0	0	0	0	0	0	1	0	0	0	0	0	0	1
WIRELESS INTERCONNECT (COMPLETE)	EACH	0	0	0	0	0	0	1	0	0	0	0	0	0	1
TEMPORARY WIRELESS INTERCONNECT, COMPLETE	LUMP SUM	0	0	0	0	0	0	0	0	1	0	0	0	0	1
TRAFFIC SIGNAL WOOD POLE, 45 FT, CLASS 5	EACH	0	0	0	0	0	0	4	0	0	0	0	0	0	4
VIDEO DETECTION SYSTEM	EACH	0	0	0	0	0	0	1	0	0	0	0	0	0	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	1	1	1	1	1	1	1	0	0	0	0	0	8
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	0	0	0	*934	*1177	*1027	**1366	**631	0	0	0	0	0	5135
ELECTRIC CABLE AERIAL SUSPENDED NO. 20 3/C, TWISTED, SHIELDED	FOOT	0	0	0	0	0	0	**1163	0	0	0	0	0	0	1163
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL II	EACH	0	0	0	0	0	0	0	0	0	0	0	1	0	1
OPTIMIZE TRAFFIC SIGNAL SYSTEM	LUMP SUM	0	0	0	0	0	0	0	0	0	0.7	0.3	0	0	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	0	0	0	1	1	1	1	1	0	0	0	0	0	5
UNINTERRUPTIBLE POWER SUPPLY SPECIAL	EACH	1	1	1	1	1	1	1	1	0	0	0	0	0	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	0	0	0	0	0	0	24	0	0	0	0	0	0	24
ELECTRICAL CABLE AERIAL SUSPENDED, GROUNDING, NO. 6 1C	FOOT	0	0	0	0	0	0	106	0	0	0	0	0	0	106
PARAPET MOUNTED EMERGENCY VEHICLE PREEMPTION DETECTOR SUPPORT	EACH	0	0	0	0	0	0	1	0	0	0	0	0	0	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS 48 FT. AND 26 FT.	EACH	0	0	0	1	0	0	0	0	0	0	0	0	0	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 50 FT. AND 22 FT.	EACH	0	0	0	0	0	1	0	0	0	0	0	0	0	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 55 FT. AND 32 FT.	EACH	0	0	0	0	1	0	0	0	0	0	0	0	0	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 64 FT. AND 32 FT.	EACH	0	0	0	0	1	0	0	0	0	0	0	0	0	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 68 FT. AND 40 FT.	EACH	0	0	0	0	1	0	0	0	0	0	0	0	0	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 70 FT. AND 44 FT.	EACH	0	0	0	0	1	0	0	0	0	0	0	0	0	1
INSTALL EXISTING FIBER OPTIC CABLE IN CONDUIT	FOOT	0	0	0	0	0	0	0	0	0	0	1000	0	0	1000

*100% COST TO THE CITY OF ST. CHARLES
 **100% COST TO WEST CHICAGO FIRE PROTECTION DISTRICT

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)
 SUMMARY OF TRAFFIC SIGNAL AND
 TRAFFIC SIGNAL INTERCONNECT
 QUANTITIES

SCALE: N.T.S.
 DATE: NOVEMBER 1, 2011

DRAWN BY: JS
 DESIGNED BY: JS
 CHECKED BY: WP



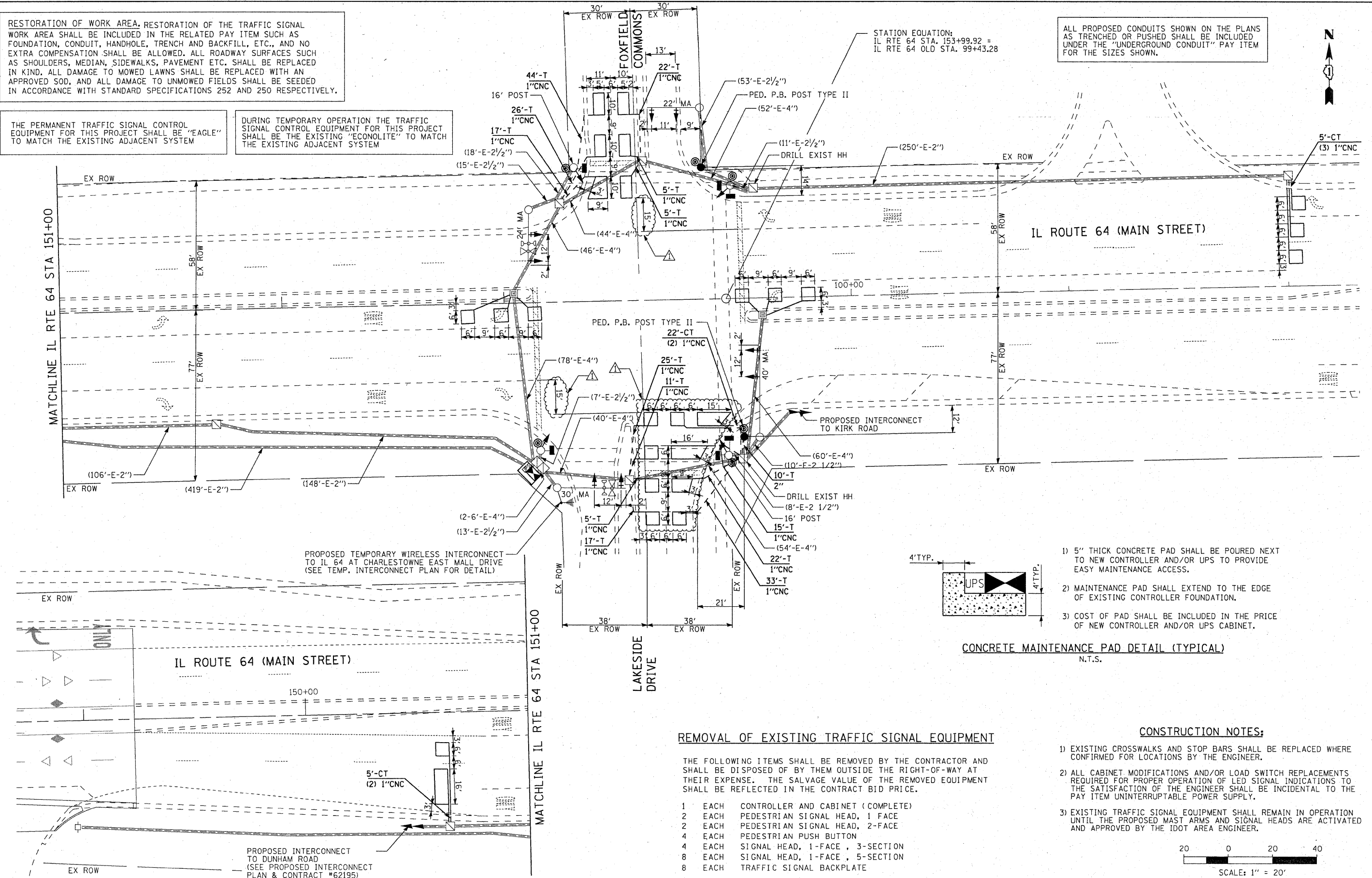
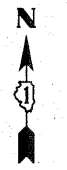
RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDD IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE PERMANENT TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

DURING TEMPORARY OPERATION THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE THE EXISTING "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

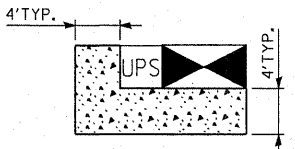
ALL PROPOSED CONDUITS SHOWN ON THE PLANS AS TRENCHED OR PUSHED SHALL BE INCLUDED UNDER THE "UNDERGROUND CONDUIT" PAY ITEM FOR THE SIZES SHOWN.

STATION EQUATION:
 IL RTE 64 STA. 153+99.92 =
 IL RTE 64 OLD STA. 99+43.28



PROPOSED TEMPORARY WIRELESS INTERCONNECT TO IL 64 AT CHARLESTOWNE EAST MALL DRIVE (SEE TEMP. INTERCONNECT PLAN FOR DETAIL)

PROPOSED INTERCONNECT TO DUNHAM ROAD (SEE PROPOSED INTERCONNECT PLAN & CONTRACT #62195)



- 1) 5" THICK CONCRETE PAD SHALL BE POURED NEXT TO NEW CONTROLLER AND/OR UPS TO PROVIDE EASY MAINTENANCE ACCESS.
- 2) MAINTENANCE PAD SHALL EXTEND TO THE EDGE OF EXISTING CONTROLLER FOUNDATION.
- 3) COST OF PAD SHALL BE INCLUDED IN THE PRICE OF NEW CONTROLLER AND/OR UPS CABINET.

CONCRETE MAINTENANCE PAD DETAIL (TYPICAL)
 N.T.S.

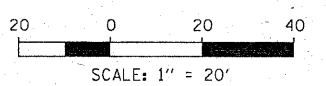
REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- | | | |
|---|------|-----------------------------------|
| 1 | EACH | CONTROLLER AND CABINET (COMPLETE) |
| 2 | EACH | PEDESTRIAN SIGNAL HEAD, 1 FACE |
| 2 | EACH | PEDESTRIAN SIGNAL HEAD, 2-FACE |
| 4 | EACH | PEDESTRIAN PUSH BUTTON |
| 4 | EACH | SIGNAL HEAD, 1-FACE, 3-SECTION |
| 8 | EACH | SIGNAL HEAD, 1-FACE, 5-SECTION |
| 8 | EACH | TRAFFIC SIGNAL BACKPLATE |

CONSTRUCTION NOTES:

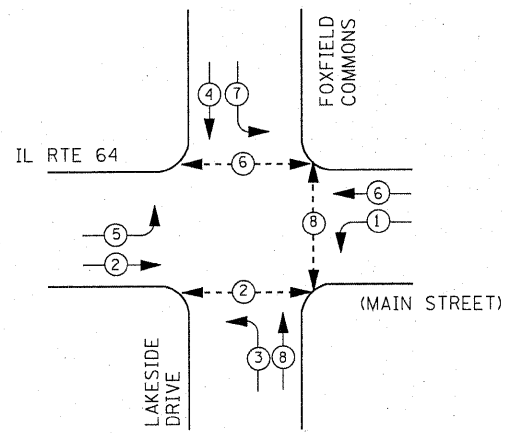
- 1) EXISTING CROSSWALKS AND STOP BARS SHALL BE REPLACED WHERE CONFIRMED FOR LOCATIONS BY THE ENGINEER.
- 2) ALL CABINET MODIFICATIONS AND/OR LOAD SWITCH REPLACEMENTS REQUIRED FOR PROPER OPERATION OF LED SIGNAL INDICATIONS TO THE SATISFACTION OF THE ENGINEER SHALL BE INCIDENTAL TO THE PAY ITEM UNINTERRUPTABLE POWER SUPPLY.
- 3) EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL REMAIN IN OPERATION UNTIL THE PROPOSED MAST ARMS AND SIGNAL HEADS ARE ACTIVATED AND APPROVED BY THE IDOT AREA ENGINEER.



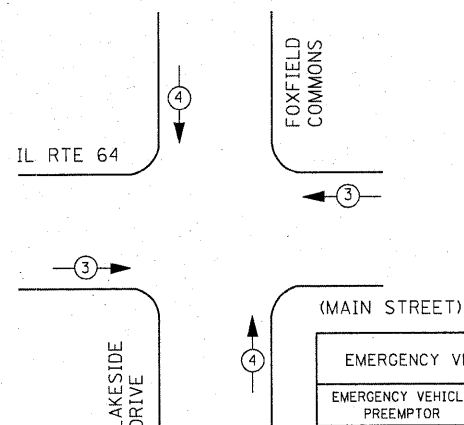
FILE NAME =	USER NAME = #USER#	DESIGNED - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 64 AND FOXFIELD ROAD TRAFFIC SIGNAL MODERNIZATION PLAN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - DW	REVISED -			307	130 R-2	KANE	647	323
PLOT DATE = #DATE#	DATE -	CHECKED - JS	REVISED -			CONTRACT NO. 62410			ILLINOIS FED. AID PROJECT	
					SCALE: 1"=20'-0"	SHEET NO. OF SHEETS	STA. TO STA.			

CIVIL ENGINEERING CONSULTANTS
RWA
 Regina Webster & Associates, Inc.
 8619 W. Bryn Mawr Ave., Suite 602
 Chicago, IL 60631-3551
 773-283-2600 Fax: 773-283-2602
 www.RWAengineers.com

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

**I. D. O. T.
 TRAFFIC SIGNAL INSTALLATION
 ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12	135	17	0.50	102.00
(YELLOW)	12	135	25	0.25	75.00
(GREEN)	12	135	15	0.25	45.00
ARROW	16	135	12	0.10	19.20
PED. SIGNAL	6	90	25	1.00	150.00
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		252	25	0.05	--
VIDEO SYSTEM		150	-	1.00	--
TOTAL =					491.20

ENERGY COSTS- BILLED TO: CITY OF ST. CHARLES
 2 EAST MAIN STREET
 ST. CHARLES, IL 60174

ENERGY SUPPLY - CONTACT TOM BRUHL
 PHONE 630-377-4401
 COMPANY CITY OF ST. CHARLES

LEGEND

- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE

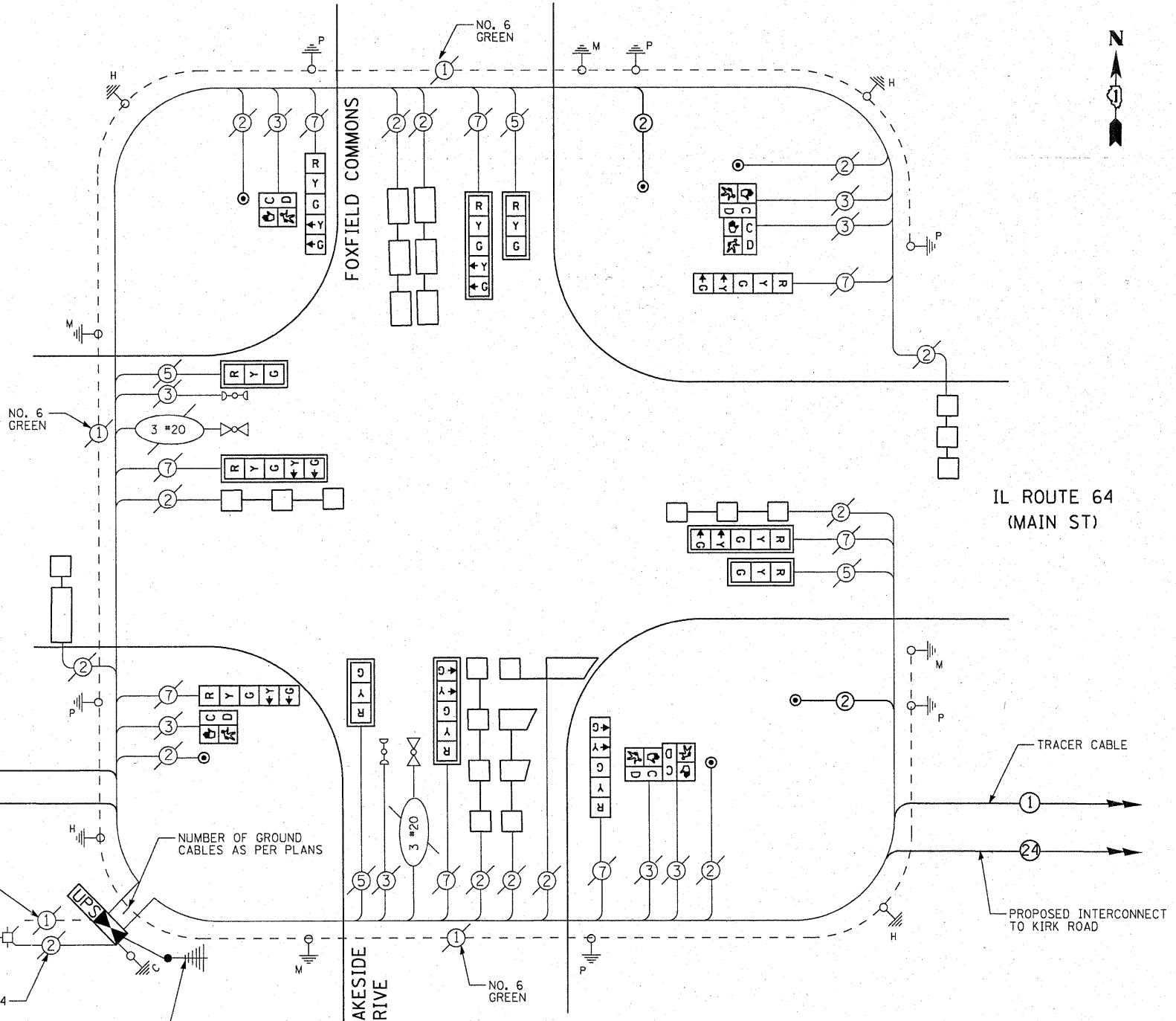
THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

DURING TEMPORARY OPERATION THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE THE EXISTING "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

THE PERMANENT TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

AT LOCATIONS WHERE UPS IS INSTALLED AND EMERGENCY VEHICLE PRIORITY SYSTEM IS IN USE, ANY EXISTING INCANDESCENT CONFIRMATION BEACONS SHALL BE REPLACED WITH LED LAMPS IN ACCORDANCE WITH THE DISTRICT ONE EMERGENCY VEHICLE PRIORITY SYSTEM SPECIFICATION AT NO ADDITIONAL COST TO THE CONTRACT.

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



CABLE PLAN

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
38	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
**1	EACH	FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL
1	EACH	TRANSCIVER - FIBER OPTIC
460	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
2	EACH	DRILL EXISTING HANDHOLE
2	EACH	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II
4	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED
9	EACH	INDUCTIVE LOOP DETECTOR
1248	FOOT	DETECTOR LOOP, TYPE I
2	EACH	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
8	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
6	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY SPECIAL
1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM PHASING UNIT

** - 100% COST TO CMAQ

FILE NAME =	USER NAME = #USER#	DESIGNED - DW	REVISED -
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	PLOT SCALE = #SCALE#	CHECKED - JS	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

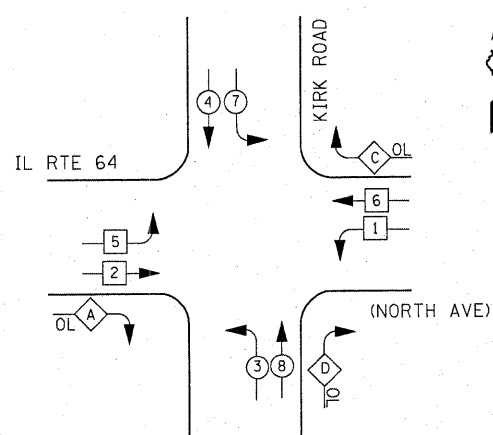
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 64 AND FOXFIELD COMMONS /LAKESIDE DRIVE
 CABLE PLAN, SCHEDULE OF QUANTITIES & PHASE DESIGNATION DIAGRAM
 SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	KANE	647	324
			CONTRACT NO. 62410	
ILLINOIS FED. AID PROJECT				

CIVIL ENGINEERING CONSULTANTS
RWA
 Regina Webster & Associates, Inc.
 8619 W. Bryn Mawr Ave., Suite 602
 Chicago, IL 60631-3551
 773-283-2600 Fax: 773-283-2602
 www.RWAengineers.com

CONTROLLER SEQUENCE



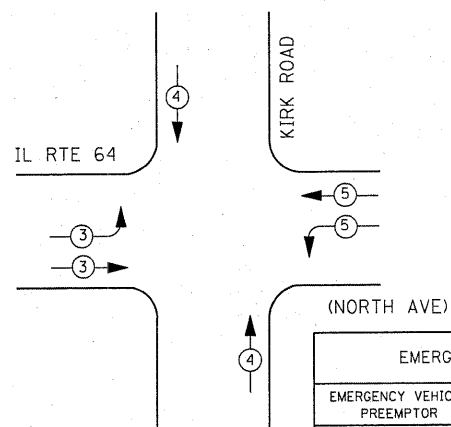
LEGEND

- ← * → DUAL ENTRY PHASE
- ← * → PEDESTRIAN PHASE
- ← * → SINGLE ENTRY PHASE
- ← * → OL OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
C	= 6	+ 7
D	= 8	+ 1

PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	↓	←

EMERGENCY VEHICLE PREEMPTION SEQUENCE

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	19		17	0.50	161.5
(YELLOW)	19		25	0.25	118.75
(GREEN)	19		15	0.25	71.25
ARROW	28		12	0.10	28.8
PED. SIGNAL	2		25	1.00	50
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM				1.00	
FLASHER LED					
TOTAL =					530.3

ENERGY COSTS- BILLED TO: IDOT DISTRICT 1
 201 WEST CENTER COURT
 SCHAMBURG, IL 60196-1096

ENERGY SUPPLY - CONTACT TOM BRUHL
 PHONE 630-377-4401
 COMPANY CITY OF ST. CHARLES

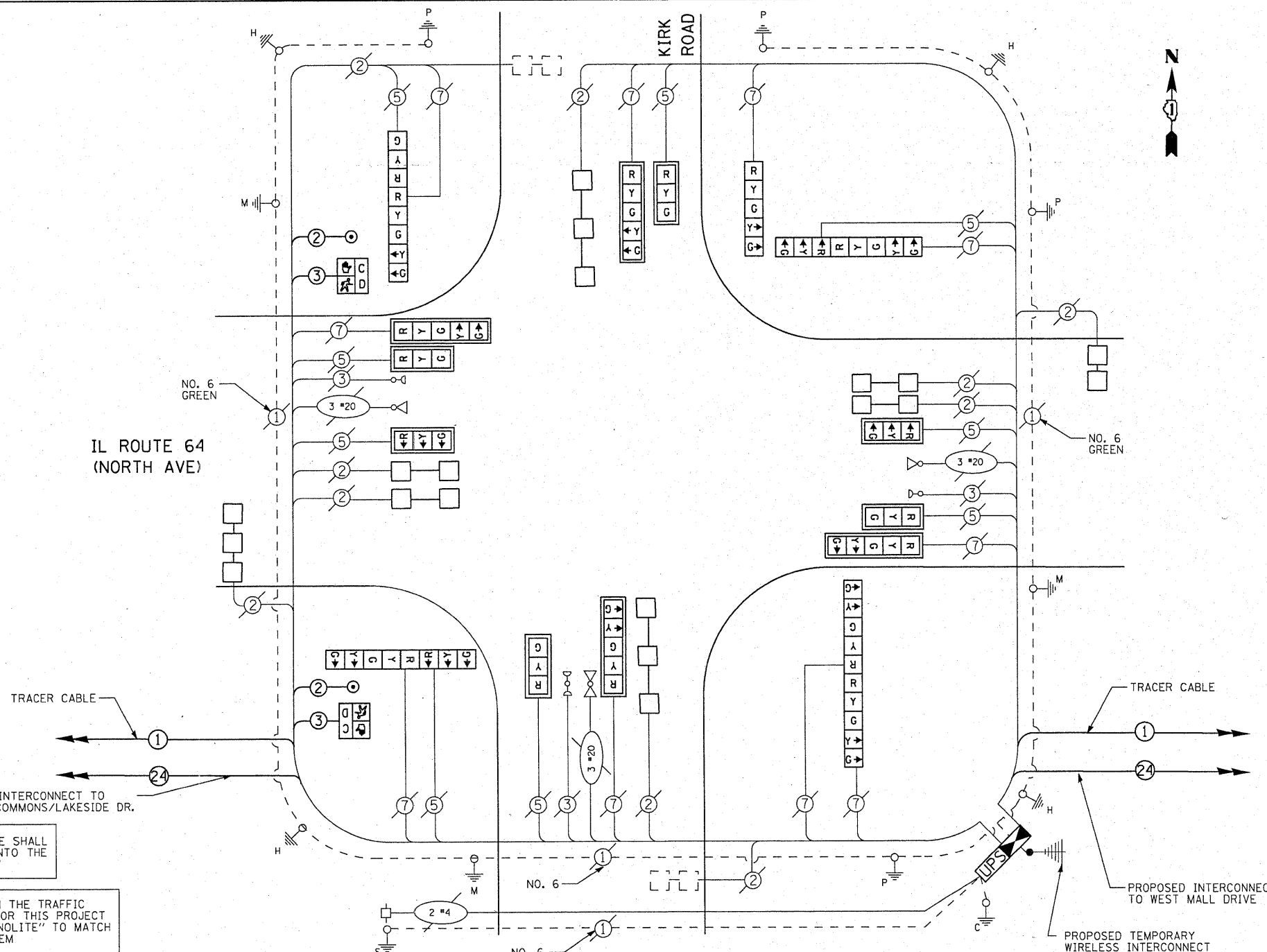
THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

DURING TEMPORARY OPERATION THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE THE EXISTING "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

THE PERMANENT TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

AT LOCATIONS WHERE UPS IS INSTALLED AND EMERGENCY VEHICLE PRIORITY SYSTEM IS IN USE, ANY EXISTING INCANDESCENT CONFIRMATION BEACONS SHALL BE REPLACED WITH LED LAMPS IN ACCORDANCE WITH THE DISTRICT ONE EMERGENCY VEHICLE PRIORITY SYSTEM SPECIFICATION AT NO ADDITIONAL COST TO THE CONTRACT.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
27	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
**	EACH	FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL
1	EACH	TRANSCEIVER - FIBER OPTIC
639	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
653	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1	EACH	DRILL EXISTING HANDHOLE
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
4	FOOT	CONCRETE FOUNDATION, TYPE A
6	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, L.E.D., 2-FACE, 5 SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
10	EACH	INDUCTIVE LOOP DETECTOR
789	FOOT	DETECTOR LOOP, TYPE 1
2	EACH	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT

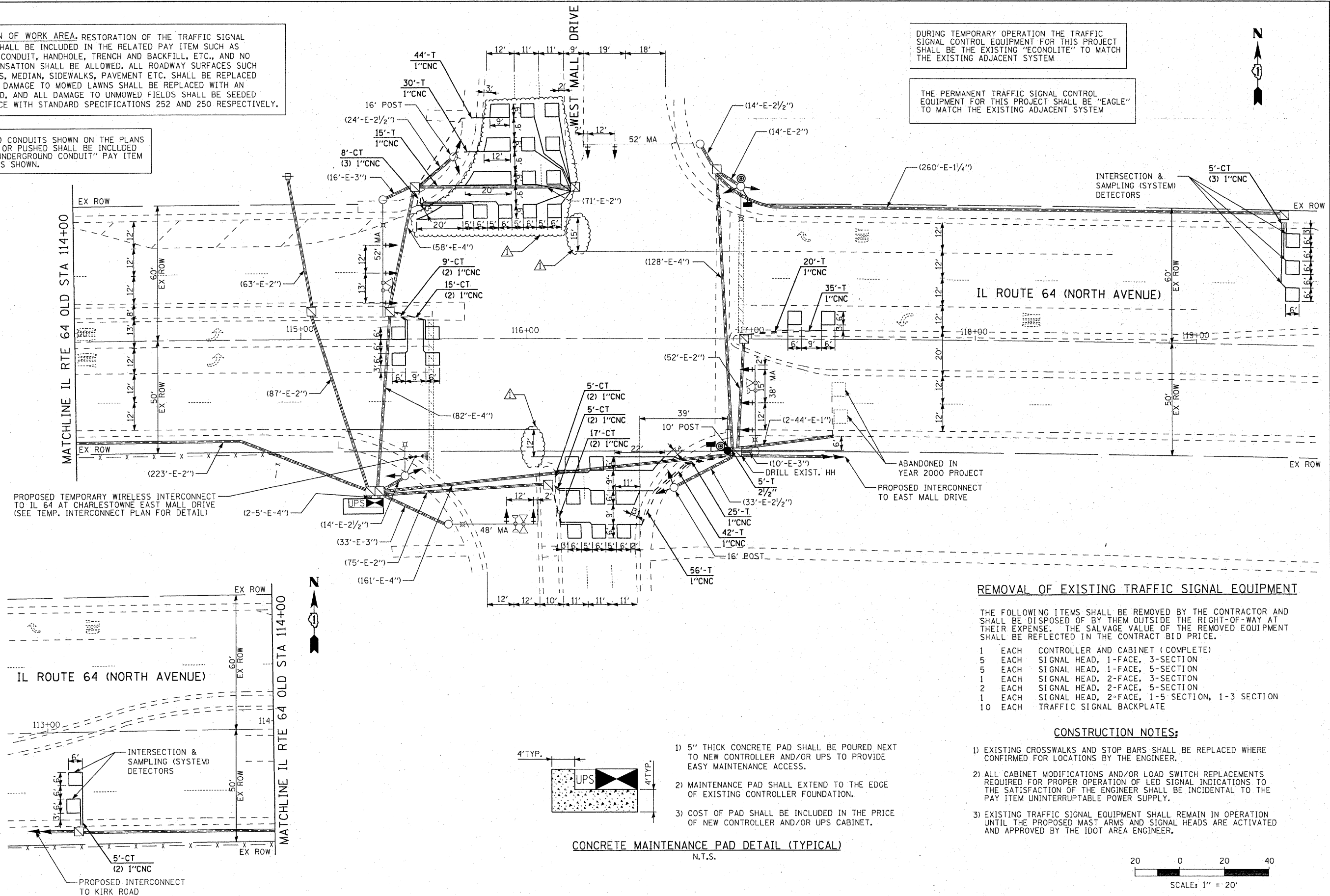
** - 100% COST TO CMAQ

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

ALL PROPOSED CONDUITS SHOWN ON THE PLANS AS TRENCHED OR PUSHED SHALL BE INCLUDED UNDER THE "UNDERGROUND CONDUIT" PAY ITEM FOR THE SIZES SHOWN.

DURING TEMPORARY OPERATION THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE THE EXISTING "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

THE PERMANENT TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM



PROPOSED TEMPORARY WIRELESS INTERCONNECT TO IL 64 AT CHARLESTOWNE EAST MALL DRIVE (SEE TEMP. INTERCONNECT PLAN FOR DETAIL)

ABANDONED IN YEAR 2000 PROJECT
 PROPOSED INTERCONNECT TO EAST MALL DRIVE

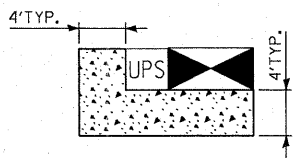
REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

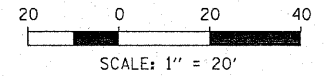
- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 5 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 5 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 3-SECTION
- 2 EACH SIGNAL HEAD, 2-FACE, 5-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 1-5 SECTION, 1-3 SECTION
- 10 EACH TRAFFIC SIGNAL BACKPLATE

CONSTRUCTION NOTES:

- 1) EXISTING CROSSWALKS AND STOP BARS SHALL BE REPLACED WHERE CONFIRMED FOR LOCATIONS BY THE ENGINEER.
- 2) ALL CABINET MODIFICATIONS AND/OR LOAD SWITCH REPLACEMENTS REQUIRED FOR PROPER OPERATION OF LED SIGNAL INDICATIONS TO THE SATISFACTION OF THE ENGINEER SHALL BE INCIDENTAL TO THE PAY ITEM UNINTERRUPTABLE POWER SUPPLY.
- 3) EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL REMAIN IN OPERATION UNTIL THE PROPOSED MAST ARMS AND SIGNAL HEADS ARE ACTIVATED AND APPROVED BY THE IDOT AREA ENGINEER.



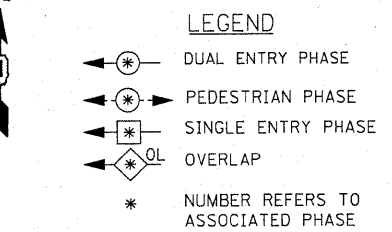
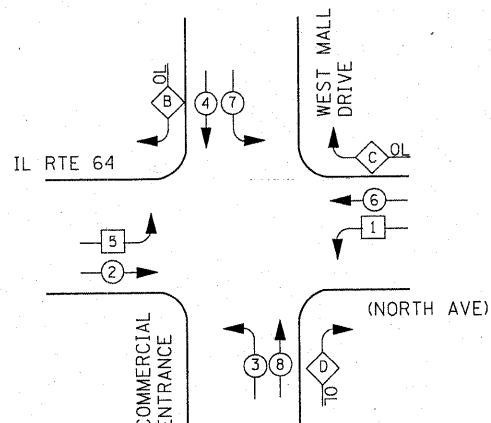
CONCRETE MAINTENANCE PAD DETAIL (TYPICAL)
 N.T.S.



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#FILE#		DRAWN - DW	REVISED -			307	130 R-2	KANE	647	328	
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PLOT DATE = #DATE#		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 1"=20'-0"	SHEET NO.	OF	SHEETS	STA.	TO STA.	

CIVIL ENGINEERING CONSULTANTS
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 Regina Webster & Associates, Inc.
 8619 W. Bryn Mawr Ave., Suite 602
 Chicago, IL 60631-3551
 773-283-2600 Fax 773-283-2602
 www.RWAengineers.com

CONTROLLER SEQUENCE

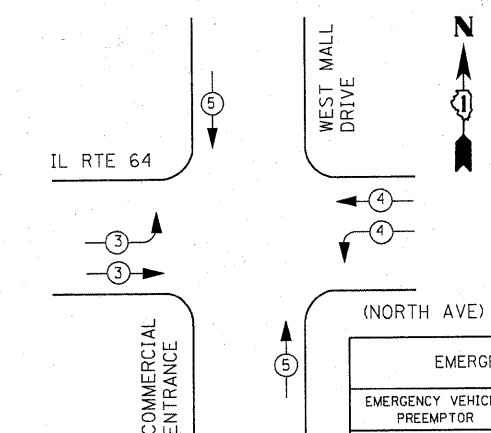


AT LOCATIONS WHERE UPS IS INSTALLED AND EMERGENCY VEHICLE PRIORITY SYSTEM IS IN USE, ANY EXISTING INCANDESCENT CONFIRMATION BEACONS SHALL BE REPLACED WITH LED LAMPS IN ACCORDANCE WITH THE DISTRICT ONE EMERGENCY VEHICLE PRIORITY SYSTEM SPECIFICATION AT NO ADDITIONAL COST TO THE CONTRACT.

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	4	5
C	8	7
D	8	1

PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	←	↑

EMERGENCY VEHICLE PREEMPTION SEQUENCE

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	18	135	17	0.50	153
(YELLOW)	18	135	25	0.25	112.5
(GREEN)	18	135	15	0.25	67.5
ARROW	20	135	12	0.10	24
PED. SIGNAL	2	90	25	1.00	50
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		252	25	0.05	X
VIDEO SYSTEM		150	-	1.00	X
FLASHER LED					
TOTAL =					507

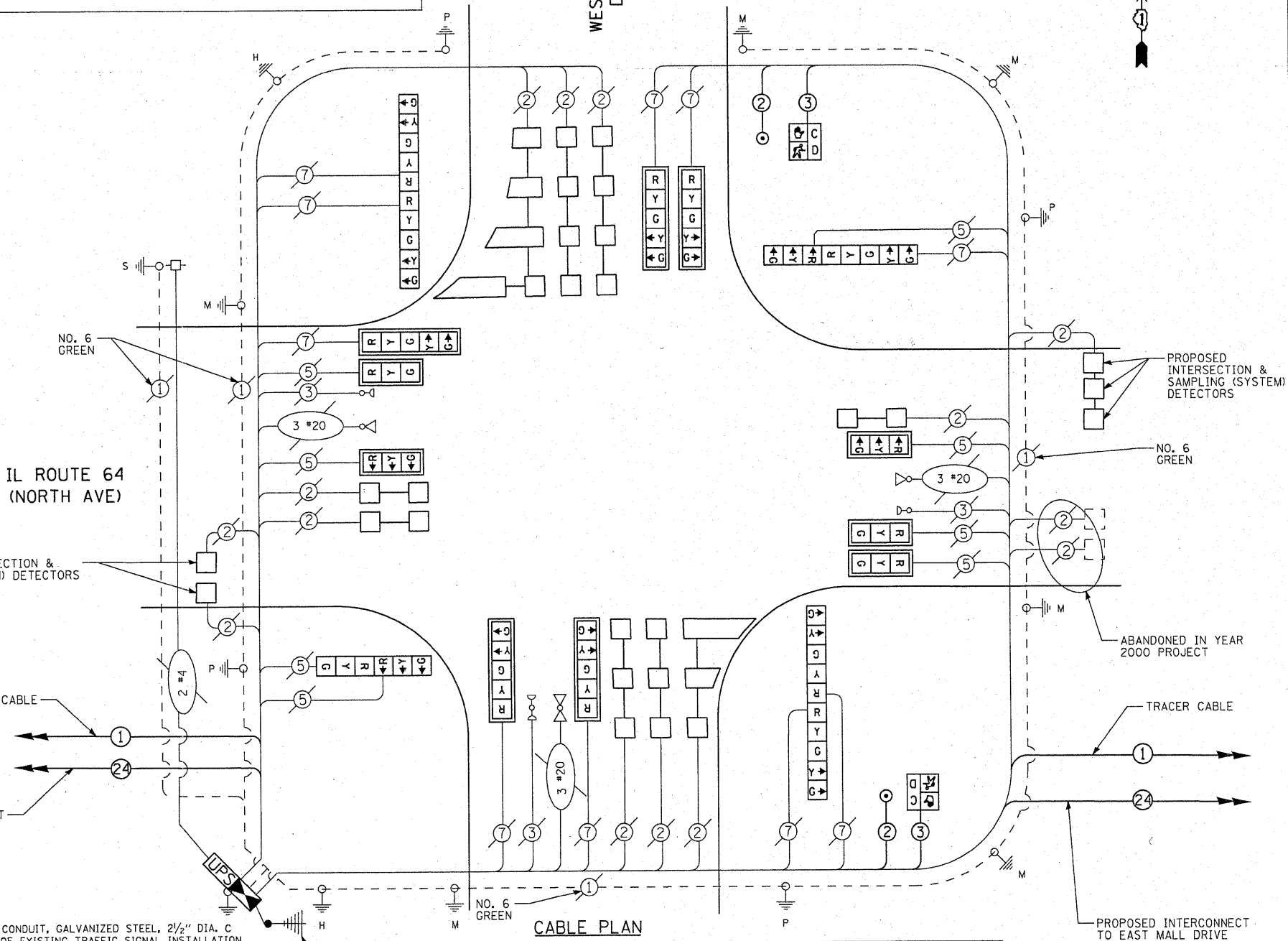
ENERGY COSTS- BILLED TO: CITY OF ST. CHARLES
2 EAST MAIN STREET
ST. CHARLES, IL 60174

ENERGY SUPPLY - CONTACT TOM BRUHL
 PHONE 630-377-4401
 COMPANY CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
5	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA. C
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
** 1	EACH	FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL
1	EACH	TRANSCIVER - FIBER OPTIC
551.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
565.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1	EACH	DRILL EXISTING HANDHOLE
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
4	FOOT	CONCRETE FOUNDATION, TYPE A
5	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED
5	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, L.E.D., 2-FACE, 3 SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, L.E.D., 2-FACE, 5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
12	EACH	INDUCTIVE LOOP DETECTOR
1763	FOOT	DETECTOR LOOP, TYPE I
2	EACH	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
2	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY SPECIAL
1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM PHASING UNIT

** - 100% COST TO CMAQ



CABLE PLAN

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

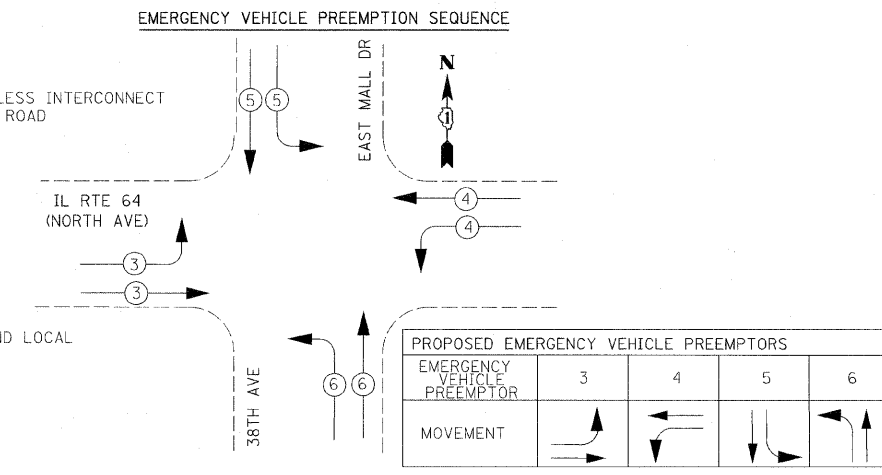
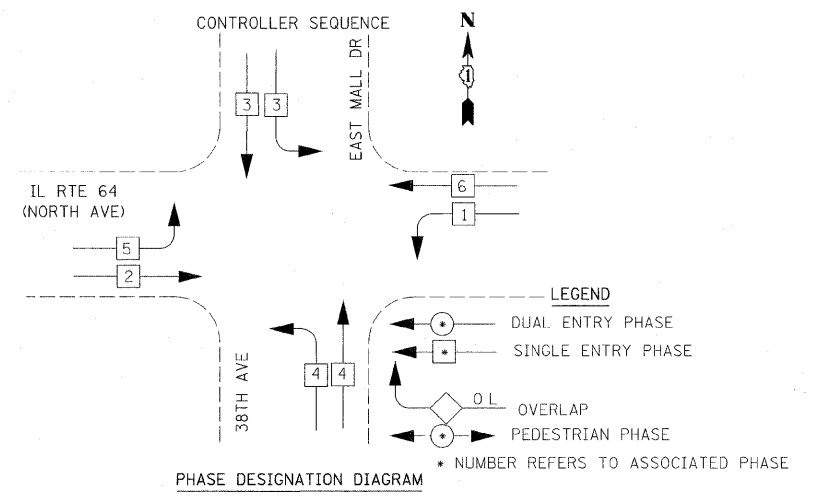
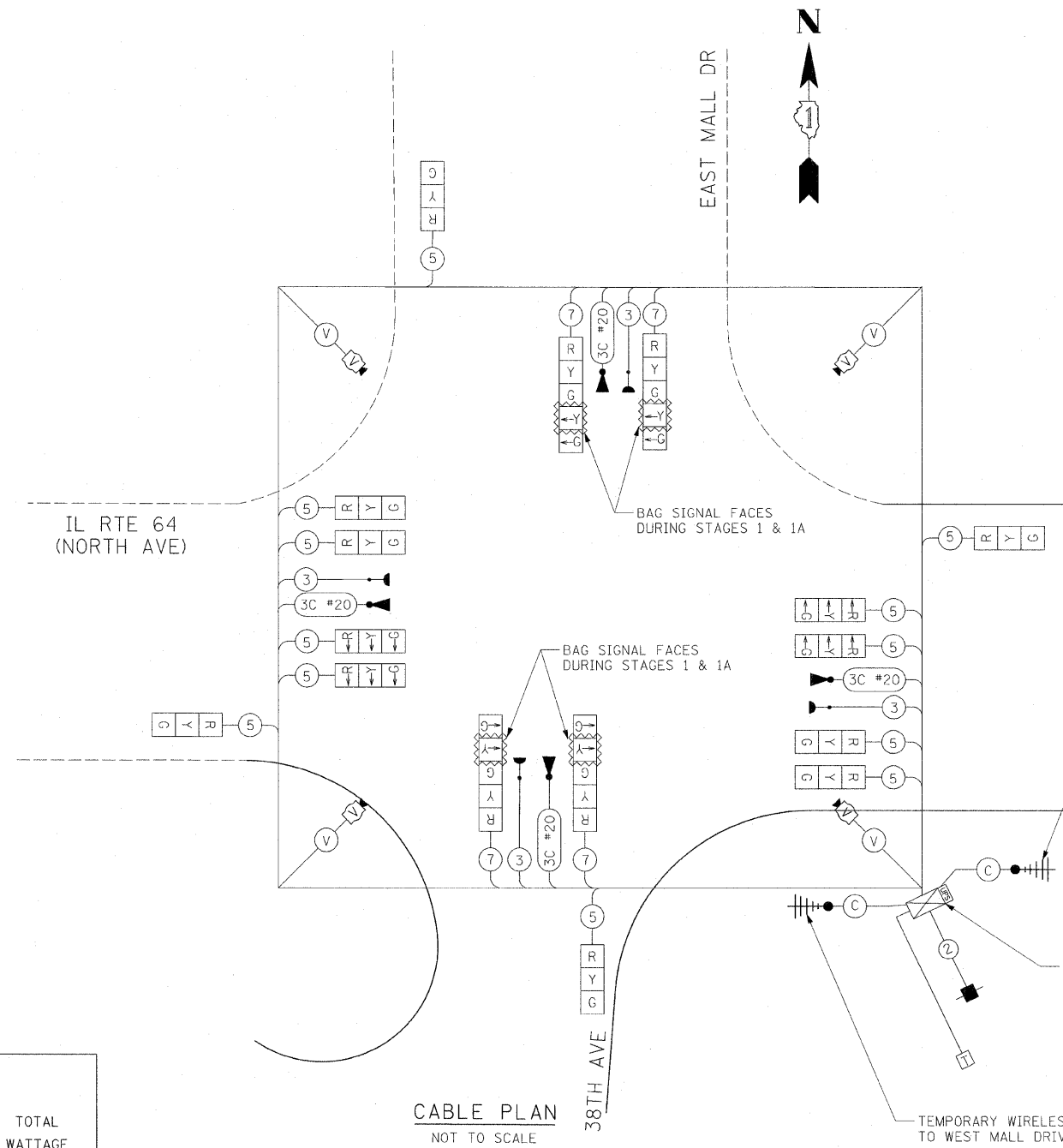
THE PERMANENT TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

DURING TEMPORARY OPERATION THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE THE EXISTING "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	332
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16		17	50	136.00
(YELLOW)	16		25	25	100.00
(GREEN)	16		15	25	60.00
ARROW	8		12	10	9.60
PED. SIGNAL	0		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER				50	
TOTAL =					555.60

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: THOMAS BRUHL
 PHONE: (630) 377-4401
 COMPANY: ST. CHARLES ELECTRICAL DEPARTMENT

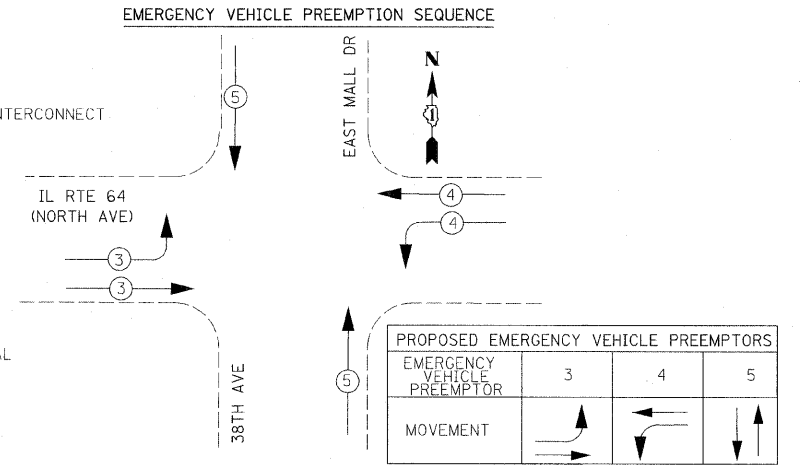
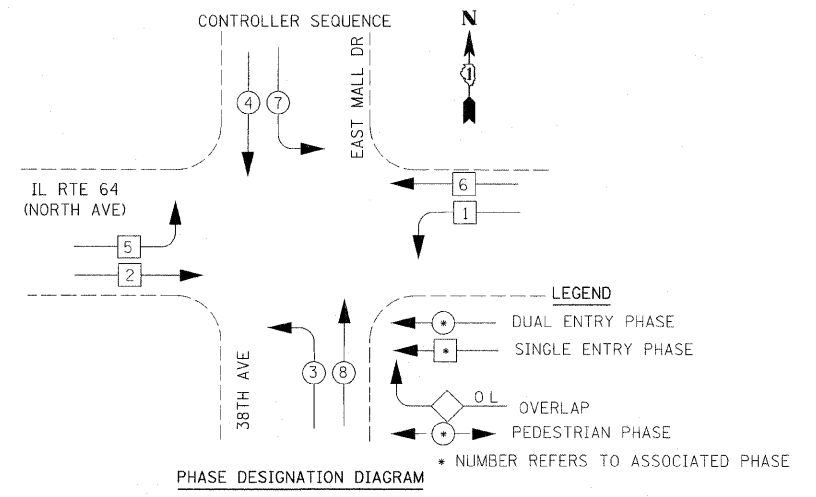
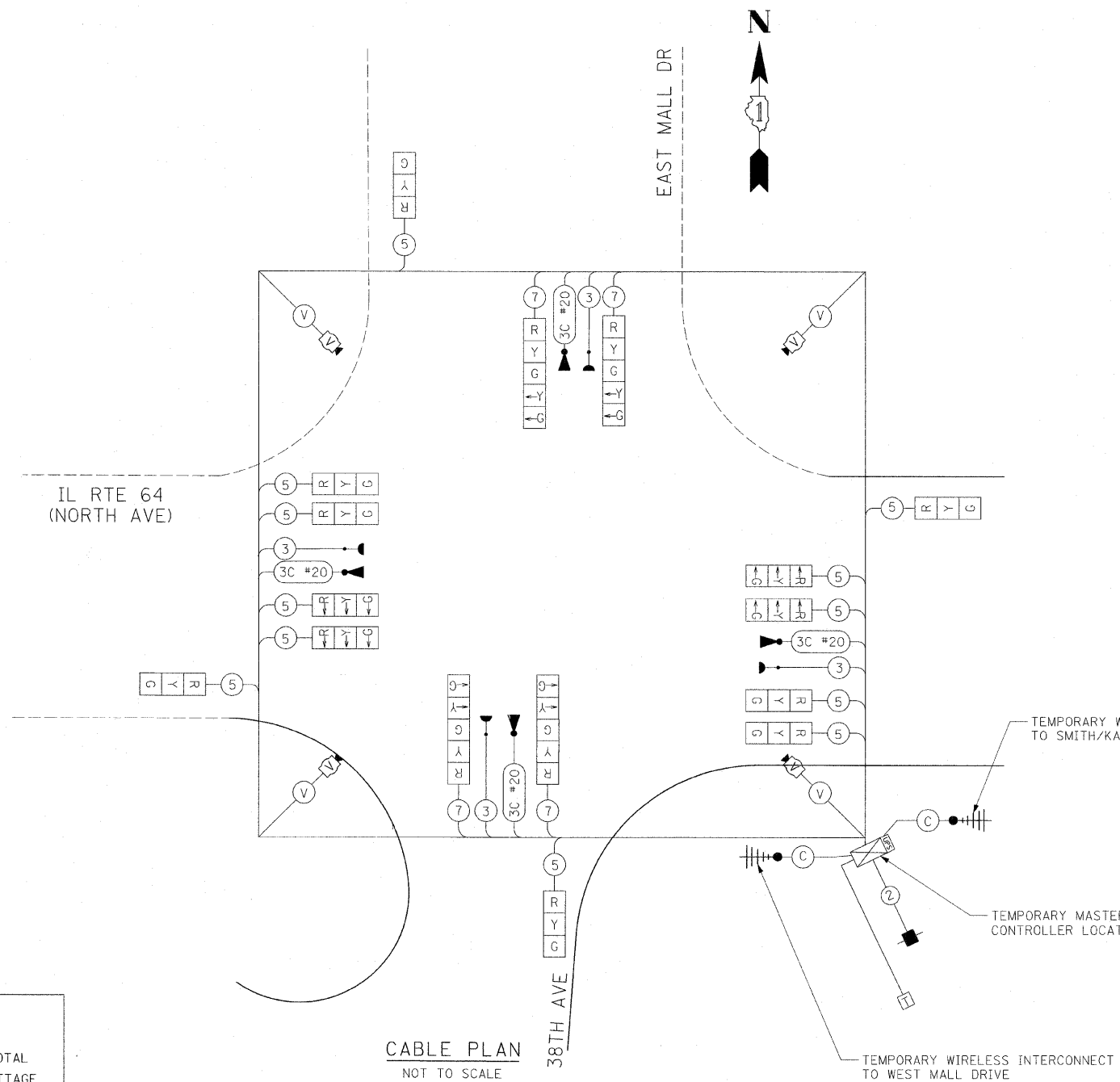
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE 64 (NORTH AVE) & 38TH AVE TEMPORARY CABLE PLAN & TEMPORARY PHASE DESIGNATION DIAGRAM & SCHEDULE OF QUANTITIES STAGES 1 & 1A
NAME	DATE	
ADDENDUM NO. 1	12/23/11	

SCALE: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	334
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410



I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16		17	50	136.00
(YELLOW)	16		25	25	100.00
(GREEN)	16		15	25	60.00
ARROW	8		12	10	9.60
PED. SIGNAL	1		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER				50	
TOTAL =					555.60

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: THOMAS BRUHL
 PHONE: (630) 377-4401
 COMPANY: ST. CHARLES ELECTRICAL DEPARTMENT

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE 64 (NORTH AVE) & 38TH AVE TEMPORARY CABLE PLAN & TEMPORARY PHASE DESIGNATION DIAGRAM & SCHEDULE OF QUANTITIES STAGES 2 & 2A
NAME	DATE	
ADDENDUM NO. 1	12/23/11	

SCALE: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

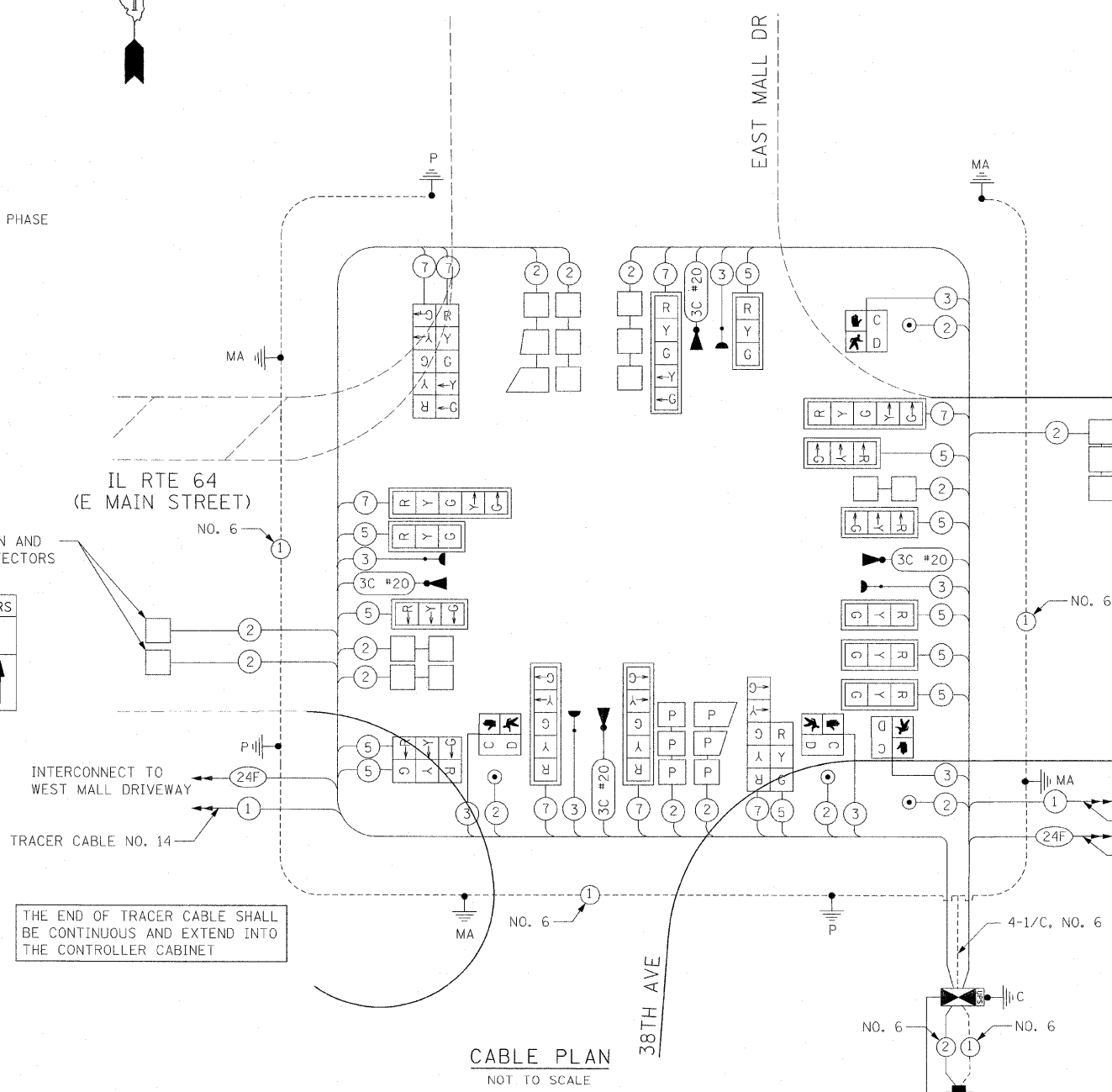
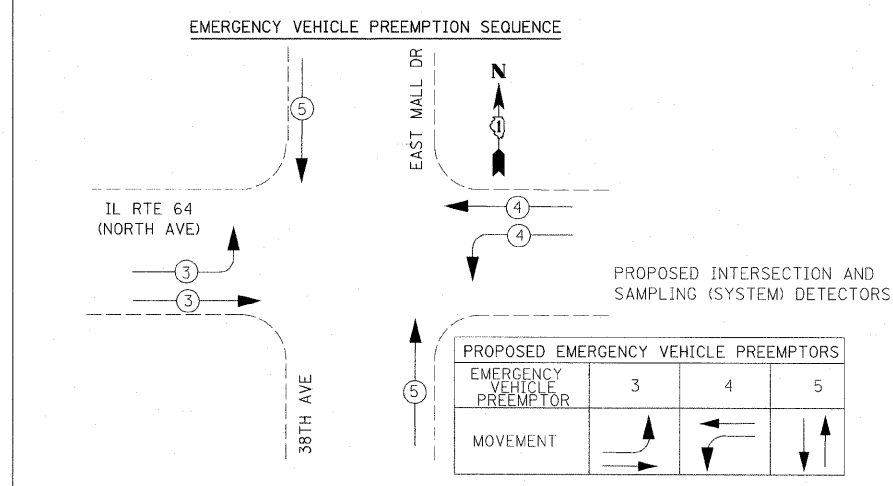
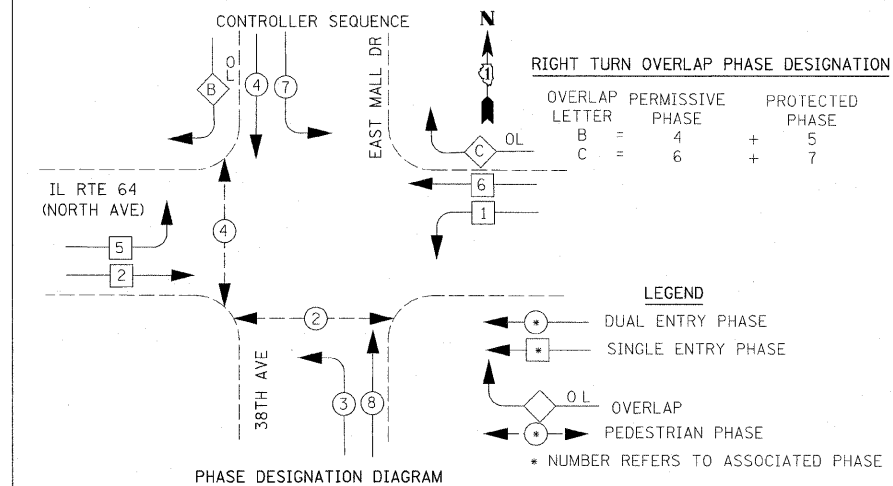
F.A.P. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	336
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

SCHEDULE OF QUANTITIES

QTY	UNIT	ITEM DESCRIPTION
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
945	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
45	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
53	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
524	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
4	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1	EACH	TRANSCIVER-FIBER OPTIC
468	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 2C
1430	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 3C
2012	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 5C
1951	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 7C
2881	FOOT	ELECTRICAL CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
106	FOOT	ELECTRICAL CABLE IN CONDUIT, SERVICE, NO. 6 2C
779	FOOT	ELECTRICAL CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 30 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.
16	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
55	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
8	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
5	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5-SECTION, BRACKET MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
13	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
11	EACH	INDUCTIVE LOOP DETECTOR
701	FOOT	DETECTOR LOOP, TYPE I
329	FOOT	PREFORMED DETECTOR LOOP
* 4	EACH	LIGHT DETECTOR
* 1	EACH	LIGHT DETECTOR AMPLIFIER
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
8208	FOOT	REMOVE ELECTRICAL CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
11	EACH	REMOVE EXISTING HANDHOLE
10	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
* 934	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	UNINTERRUPTIBLE POWER SUPPLY SPECIAL
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS 48 FT. AND 26 FT.

* 100% COST TO CITY OF ST CHARLES



TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	19	17	50		161.5
(YELLOW)	19	25	25		118.75
(GREEN)	19	15	25		71.25
ARROW	16	12	10		19.2
PED. SIGNAL	4	25	100		100.0
CONTROLLER	1	100	100		100.0
ILLUM. SIGN	0	25	5		0
FLASHER			50		
TOTAL =					570.7

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY CONTACT: THOMAS BRUHL
 PHONE: (630) 377-4401
 COMPANY: ST. CHARLES ELECTRICAL DEPARTMENT

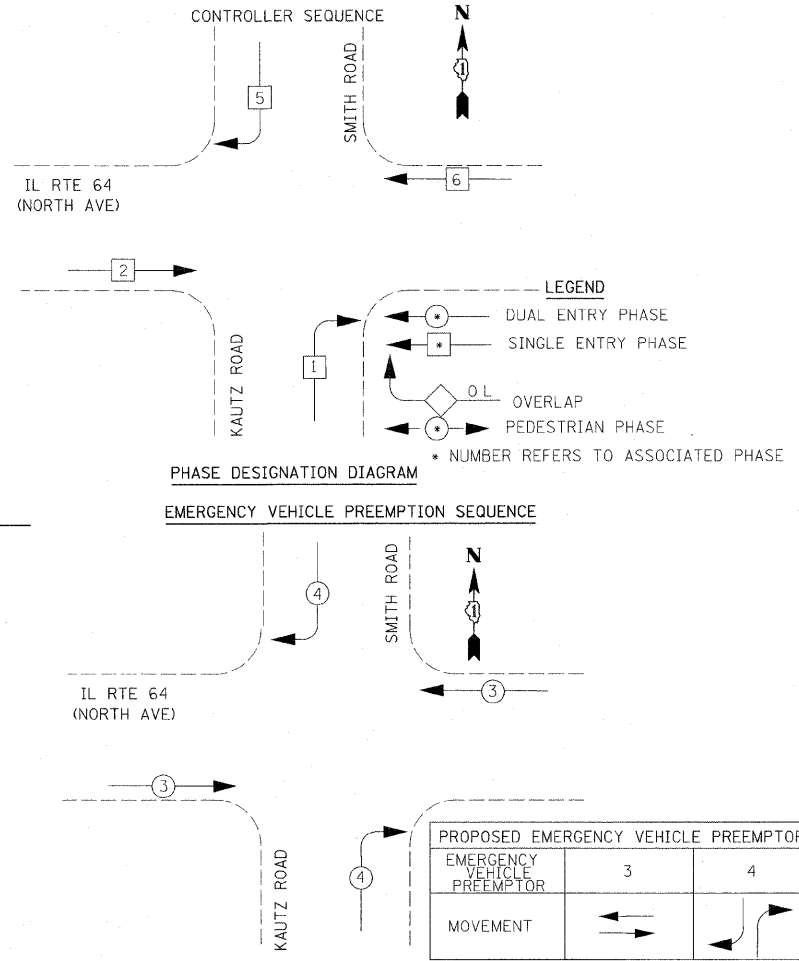
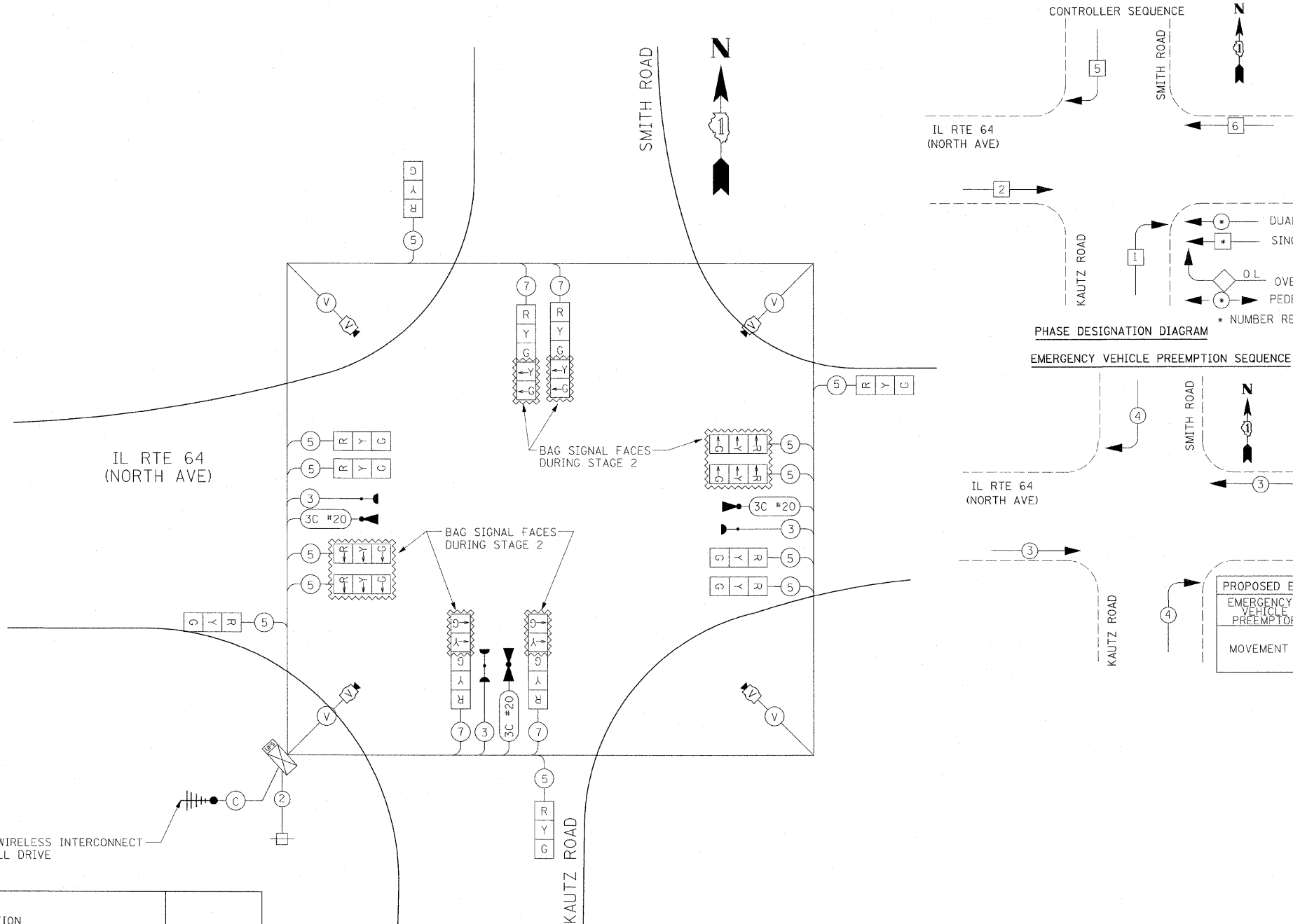
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILL. RTE. 64 (NORTH AVE.)
 AND 38TH AVE.
 SCHEDULE OF QUANTITIES,
 CABLE PLAN
 SCALE: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

SEE LIGHTING PLANS FOR LIGHTING DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	342
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



TEMPORARY WIRELESS INTERCONNECT TO EAST MALL DRIVE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16		17	50	136.00
(YELLOW)	16		25	25	100.00
(GREEN)	16		15	25	60.00
ARROW	8		12	10	9.60
PED. SIGNAL	0		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER				50	
TOTAL =					555.60

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: THOMAS BRUHL
 PHONE: (630) 377-4401
 COMPANY: ST. CHARLES ELECTRICAL DEPARTMENT

CABLE PLAN
 NOT TO SCALE

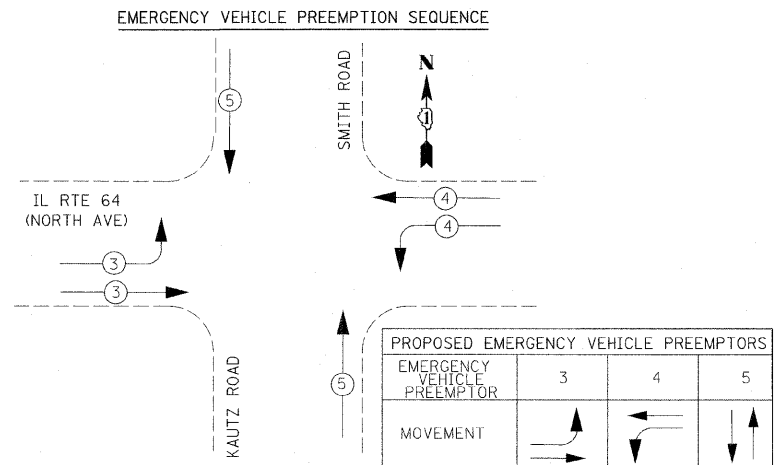
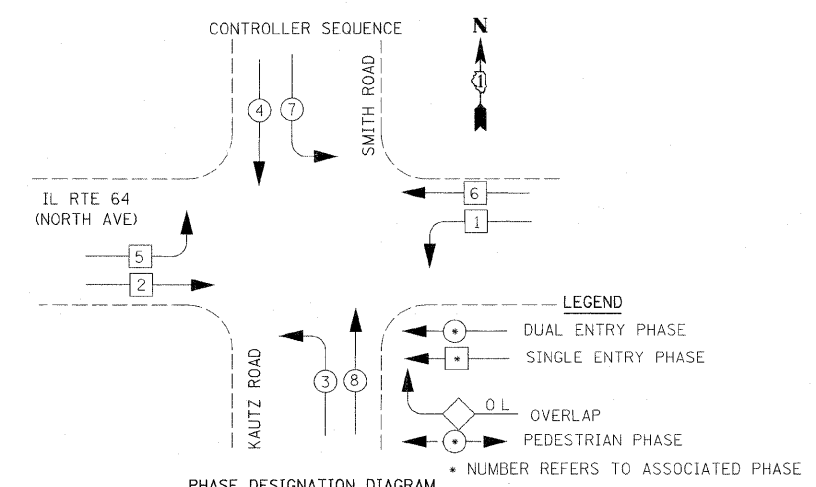
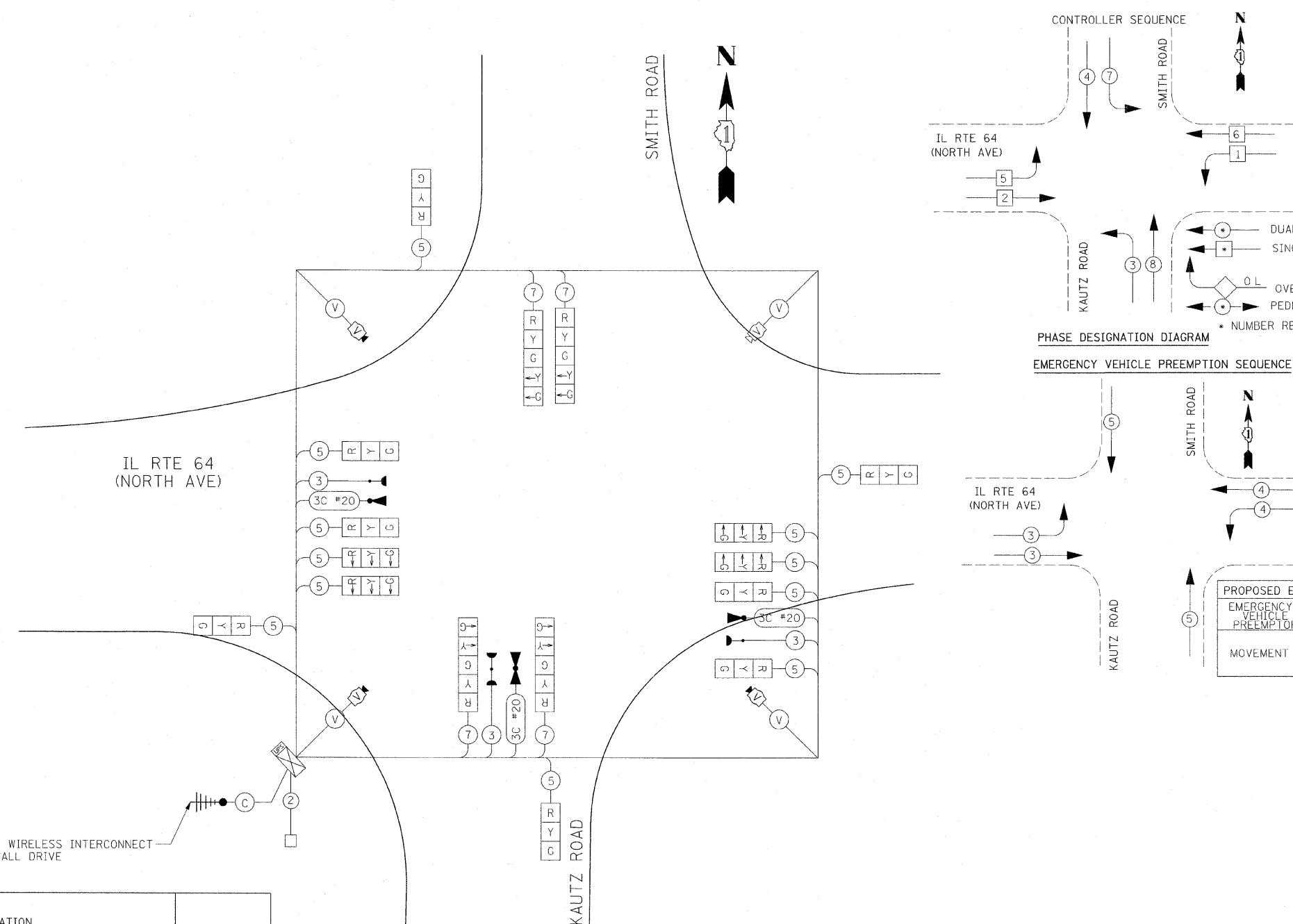
REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 64 & SMITH/KAUTZ ROAD
 TEMPORARY CABLE PLAN &
 TEMPORARY PHASE DESIGNATION
 DIAGRAM & SCHEDULE OF QUANTITIES
 STAGE 2

SCALE: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	345
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410



CABLE PLAN
NOT TO SCALE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	16		17	50	136.00
(YELLOW)	16		25	25	100.00
(GREEN)	16		15	25	60.00
ARROW	8		12	10	9.60
PED. SIGNAL	0		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER				50	
TOTAL =					555.60

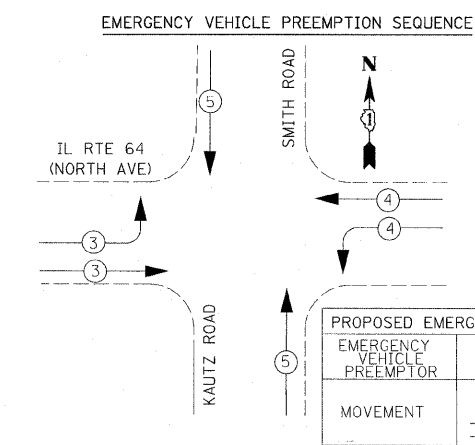
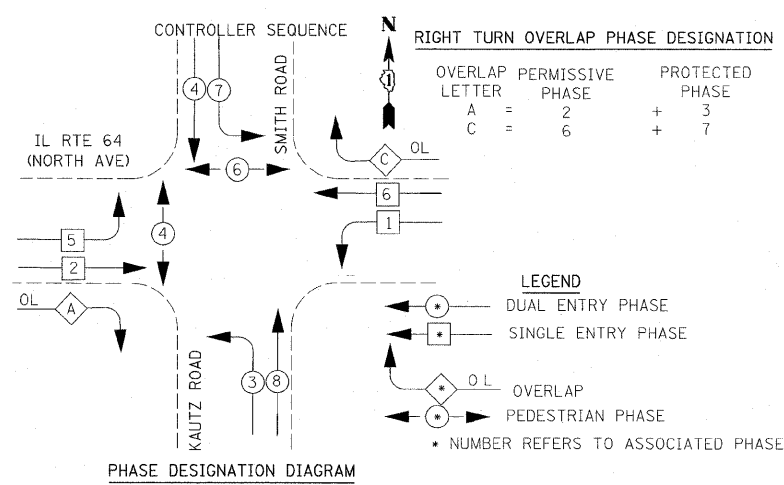
ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY CONTACT: THOMAS BRUHL
 PHONE: (630) 377-4401
 COMPANY: ST. CHARLES ELECTRICAL DEPARTMENT

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 64 & SMITH/KAUTZ ROAD
 TEMPORARY CABLE PLAN &
 TEMPORARY PHASE DESIGNATION
 DIAGRAM & SCHEDULE OF QUANTITIES
 STAGES 1, 1A, & 2A
 SCALE: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	348
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410



IL RTE. 64 (NORTH AVE.)

TRACER CABLE NO. 14

INTERCONNECT TO EAST MALL DRIVE

3-1/C, NO. 6 (GREEN)

NO. 6

THE END OF TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET

CABLE PLAN
NOT TO SCALE

SEE LIGHTING PLANS FOR LIGHTING DETAILS

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

SCHEDULE OF QUANTITIES

QTY	UNIT	ITEM DESCRIPTION
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
936	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
15	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
63	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
681	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
3	EACH	HANDHOLE
5	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1	EACH	TRANSCEIVER-FIBER OPTIC
960	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 2C
2165	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 3C
3970	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 5C
2215	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 7C
4219	FOOT	ELECTRICAL CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
113	FOOT	ELECTRICAL CABLE IN CONDUIT, SERVICE, NO. 6 2C
807	FOOT	ELECTRICAL CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
4	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
16	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
71	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
14	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
8	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
22	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
14	EACH	INDUCTIVE LOOP DETECTOR
192	FOOT	DETECTOR LOOP, TYPE I
1516	FOOT	PREFORMED DETECTOR LOOP
4	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1177	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	UNINTERRUPTIBLE POWER SUPPLY SPECIAL
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 55 FT. AND 32 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 64 FT. AND 32 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 68 FT. AND 40 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 70 FT. AND 44 FT.
		100% COST TO CITY OF ST CHARLES

TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	22	17	50		187.0
(YELLOW)	22	25	25		137.5
(GREEN)	22	15	25		82.5
ARROW	16	12	10		19.2
PED. SIGNAL	4	25	100		100.0
CONTROLLER	1	100	100		100.0
ILLUM. SIGN	0	0	5		0
FLASHER			50		
TOTAL =					626.2

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: THOMAS BRUHL
 PHONE: (630) 377-4401
 COMPANY: ST. CHARLES ELECTRICAL DEPARTMENT

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

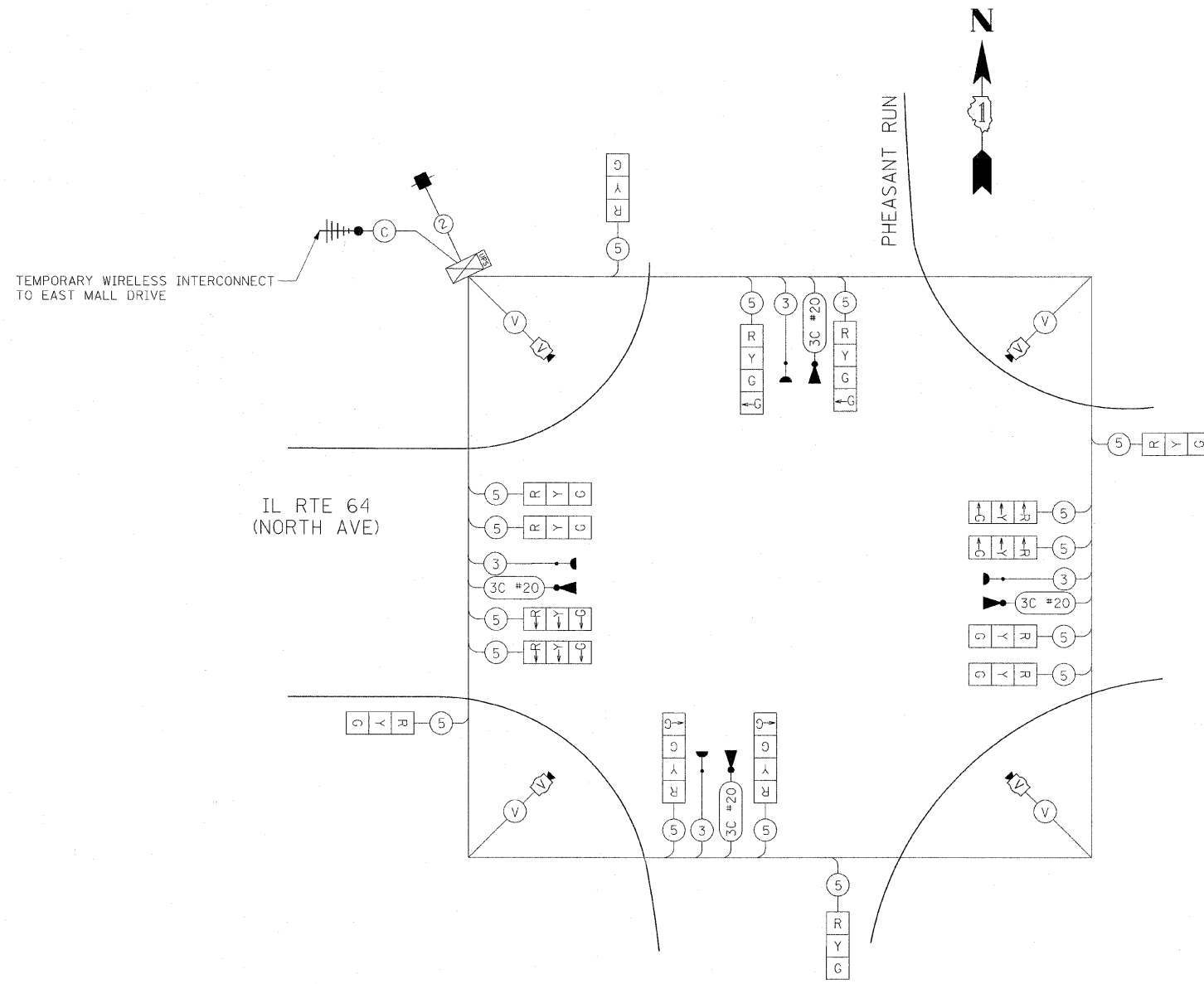
SCHEDULE OF QUANTITIES,
 CABLE PLAN
 IL ROUTE 64 AND SMITH/KAUTZ ROAD

SCALE: NONE
 DATE: NOVEMBER 1, 2011

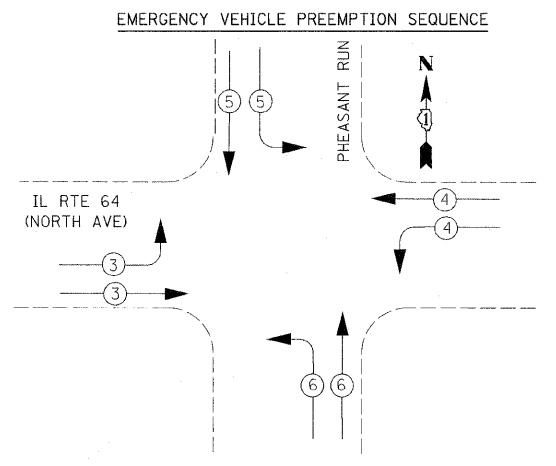
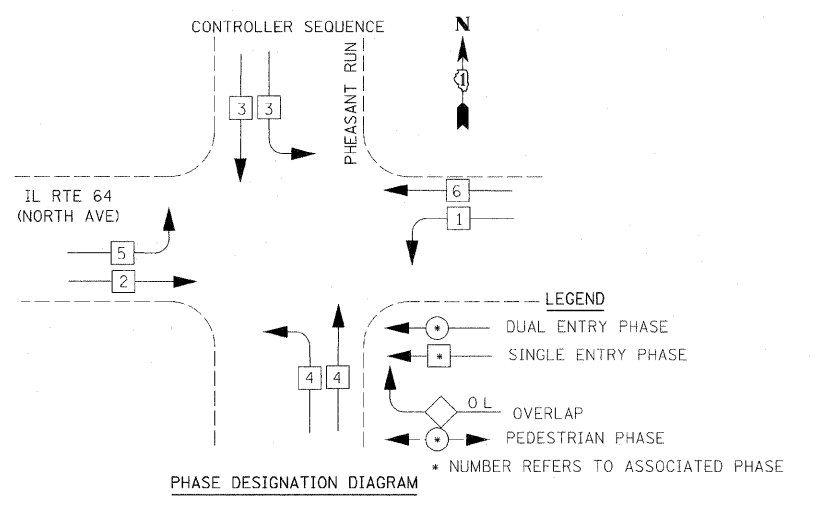
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 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	355
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



CABLE PLAN
NOT TO SCALE



EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

TYPE	NO. LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	16		17	50	136.00
(YELLOW)	16		25	25	100.00
(GREEN)	16		15	25	60.00
ARROW	4		12	10	4.80
PED. SIGNAL	0		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER				50	
TOTAL =					550.80

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: THOMAS BRUHL
 PHONE: (630) 377-4401
 COMPANY: ST. CHARLES ELECTRICAL DEPARTMENT

NAME	DATE
ADDENDUM NO. 1	12/23/11

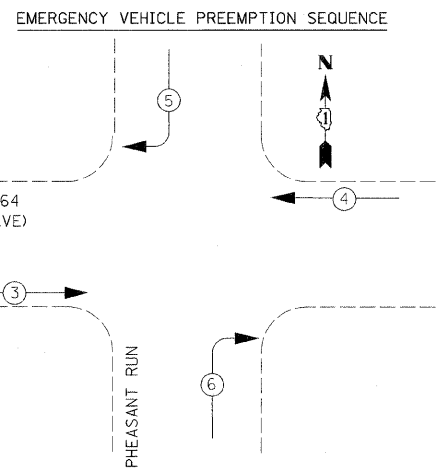
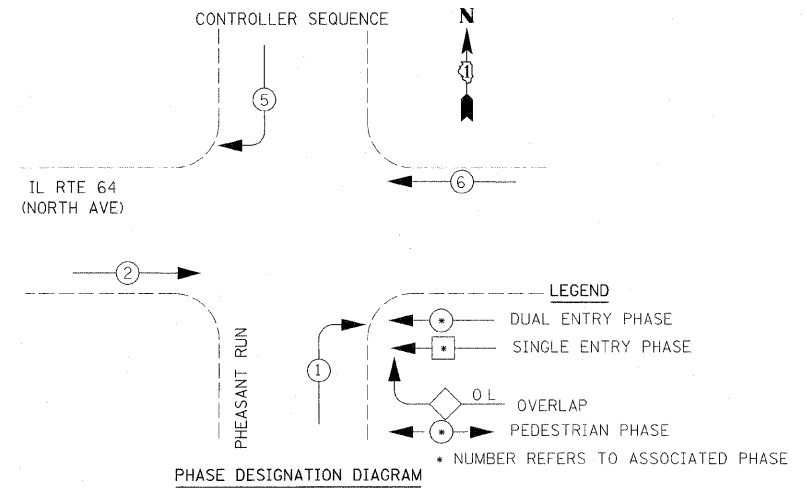
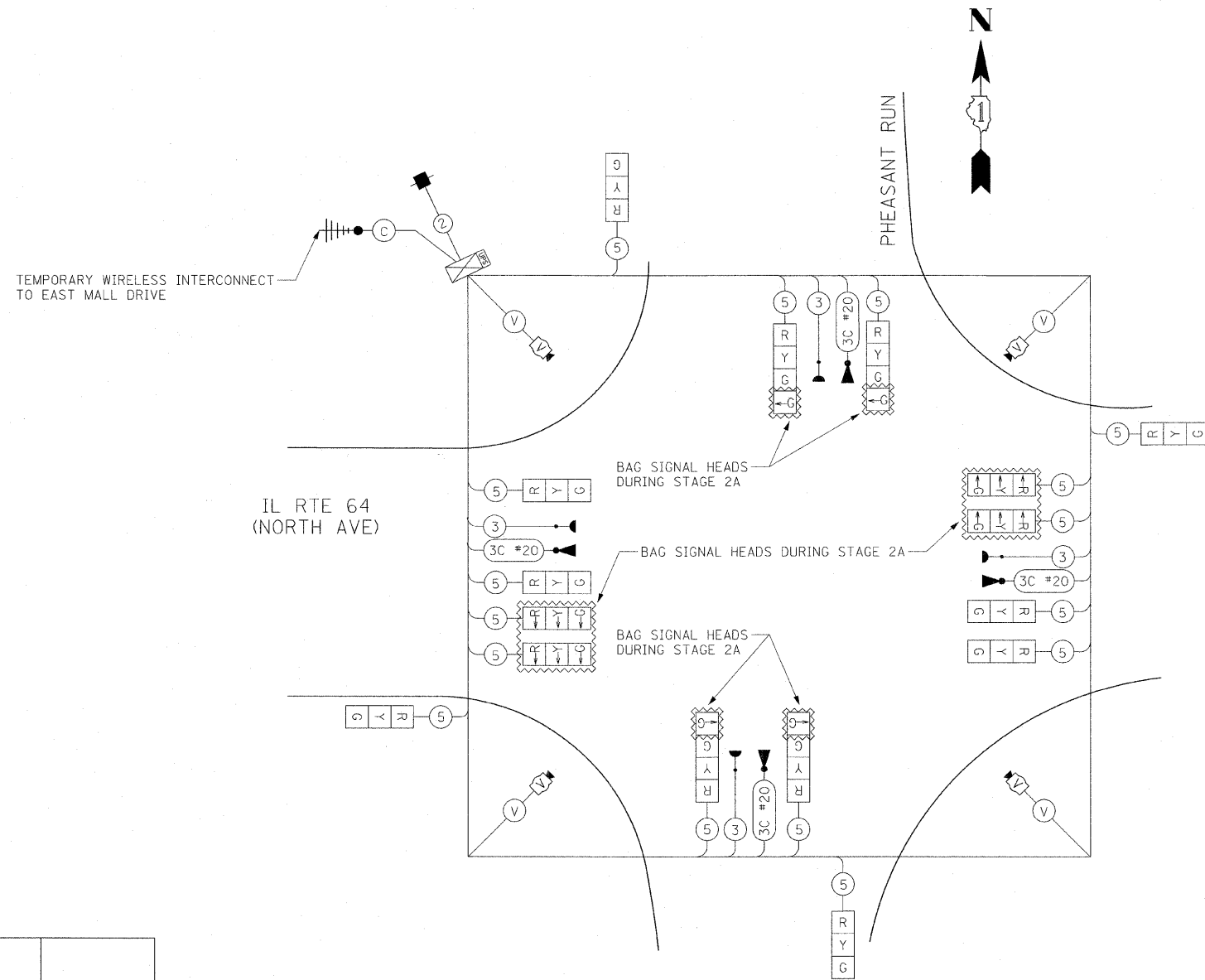
ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 64 & PHEASANT RUN
 TEMPORARY CABLE PLAN &
 TEMPORARY PHASE DESIGNATION
 DIAGRAM & SCHEDULE OF QUANTITIES
 STAGES 1, 1A, & 2

SCALE: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	358
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	→	←	↙	↘

CABLE PLAN
NOT TO SCALE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16		17	50	156.00
(YELLOW)	16		25	25	100.00
(GREEN)	16		15	25	60.00
ARROW	4		12	10	4.80
PED. SIGNAL	0		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER				50	
TOTAL =					550.80

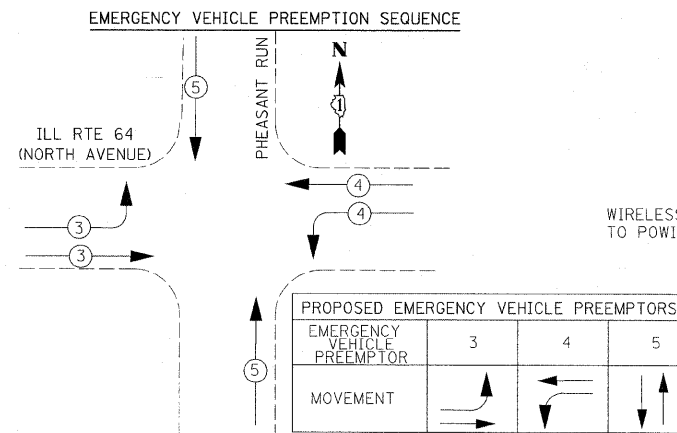
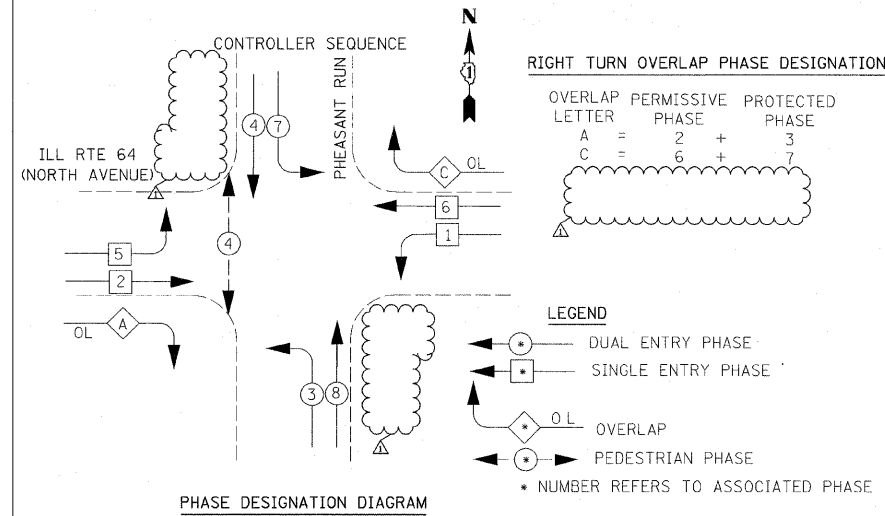
ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: THOMAS BRUHL
 PHONE: (630) 377-4401
 COMPANY: ST. CHARLES ELECTRICAL DEPARTMENT

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
ADDENDUM NO. 1	12/23/11	IL RTE 64 & PHEASANT RUN TEMPORARY CABLE PLAN & TEMPORARY PHASE DESIGNATION DIAGRAM & SCHEDULE OF QUANTITIES STAGE 2A SCALE: NONE DATE: NOVEMBER 1, 2011 DRAWN BY: JS DESIGN BY: JS CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	361
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410



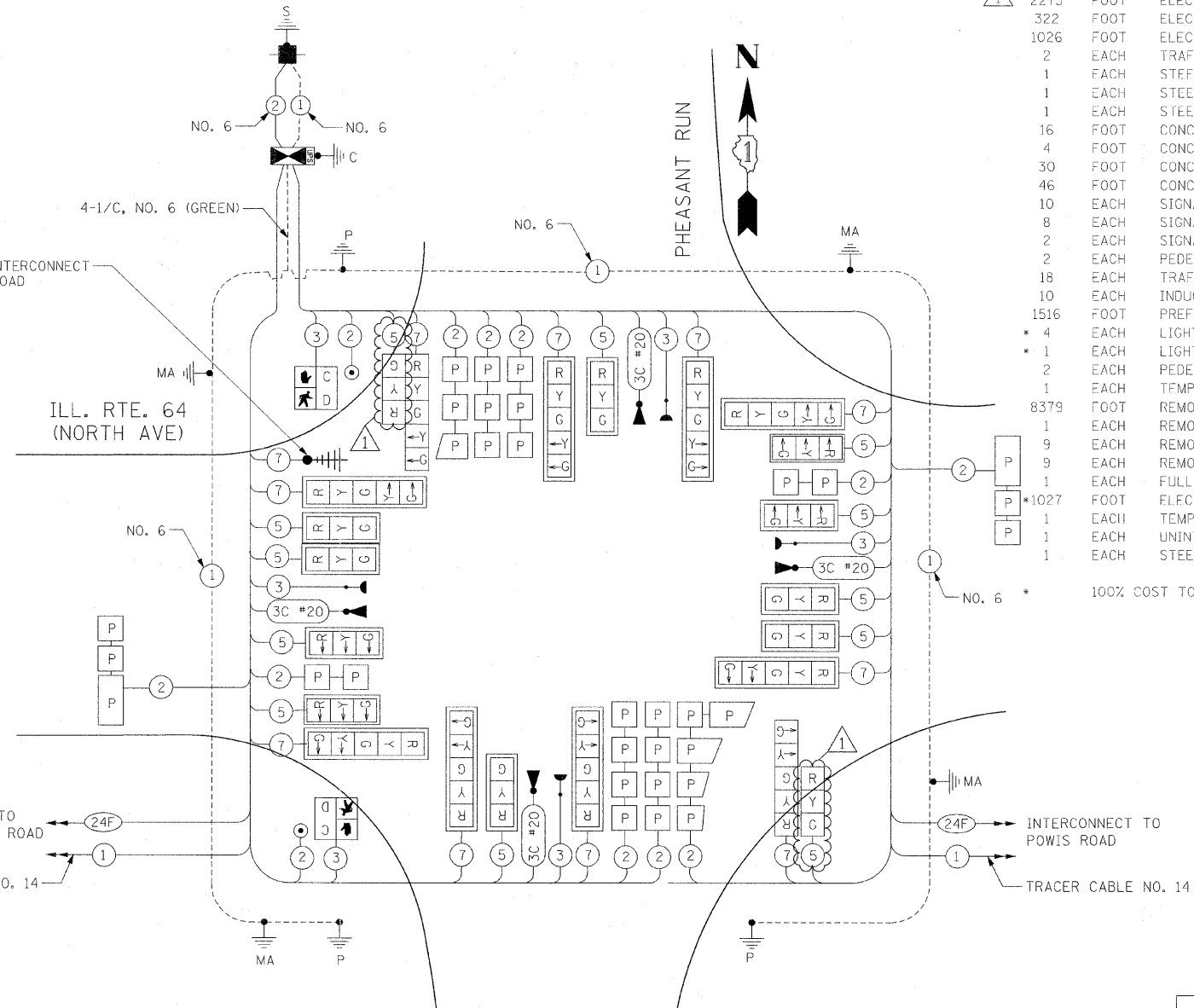
PROPOSED EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	[Right Turn Arrow]	[Left Turn Arrow]	[Through Arrow]

SCHEDULE OF QUANTITIES

QTY	UNIT	ITEM DESCRIPTION
2	EACH	SERVICE INSTALLATION - GROUND MOUNTED
1119	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
26	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
57	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
571	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
2	EACH	HANDHOLE
6	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1	EACH	TRANSCEIVER-FIBER OPTIC
275	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 2C
1322	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 3C
2928	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 5C
2315	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 7C
2273	FOOT	ELECTRICAL CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
322	FOOT	ELECTRICAL CABLE IN CONDUIT, SERVICE, NO. 6 2C
1026	FOOT	ELECTRICAL CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 46 FT. AND 30 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 62 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 70 FT.
16	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
30	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
46	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
10	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
8	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5-SECTION, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
18	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
10	EACH	INDUCTIVE LOOP DETECTOR
1516	FOOT	PREFORMED DETECTOR LOOP
* 4	EACH	LIGHT DETECTOR
* 1	EACH	LIGHT DETECTOR AMPLIFIER
2	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
8379	FOOT	REMOVE ELECTRICAL CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
9	EACH	REMOVE EXISTING HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
*1027	FOOT	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	UNINTERRUPTIBLE POWER SUPPLY SPECIAL
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 50 FT. AND 22 FT.

* 100% COST TO CITY OF ST CHARLES



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	22	17	50	187.0	
(YELLOW)	22	25	25	137.5	
(GREEN)	22	15	25	82.5	
ARROW	20	12	10	24.0	
PED. SIGNAL	2	25	100	50.0	
CONTROLLER	1	100	100	100.0	
ILLUM. SIGN	0	25	5	0	
FLASHER			50		
TOTAL =					581.0

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: **THOMAS BRUHL**
 PHONE: (630) 377-4401
 COMPANY: **ST. CHARLES ELECTRICAL DEPARTMENT**

THE END OF TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET

SEE LIGHTING PLANS FOR LIGHTING DETAILS

REVISIONS

NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

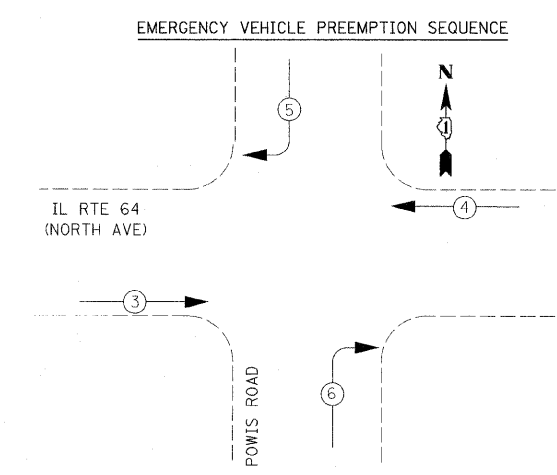
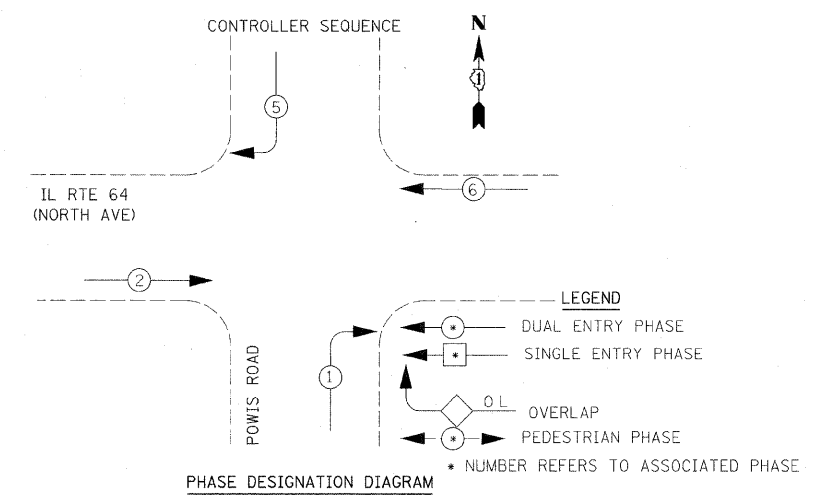
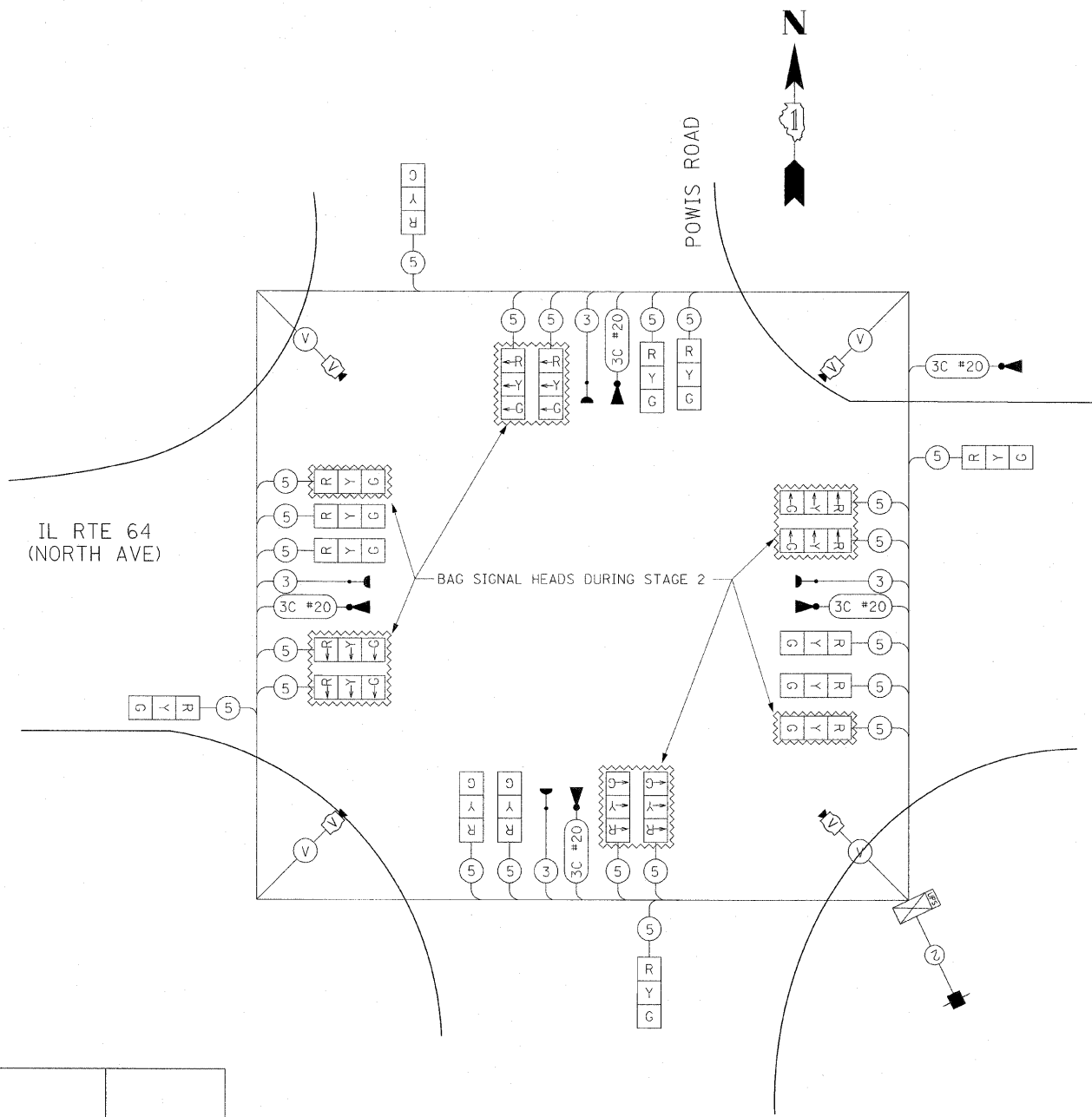
SCHEDULE OF QUANTITIES, CABLE PLAN
 ILL ROUTE 64 AND PHEASANT RUN ENTRANCE

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	368
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410



EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	→	←	↙	↘

TYPE	NO. LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	22		17	50	187.00
(YELLOW)	22		25	25	137.50
(GREEN)	22		15	25	82.50
ARROW	0		12	10	0.00
PED. SIGNAL	0		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER	0		25	50	0.00
TOTAL =					657.00

CABLE PLAN
NOT TO SCALE

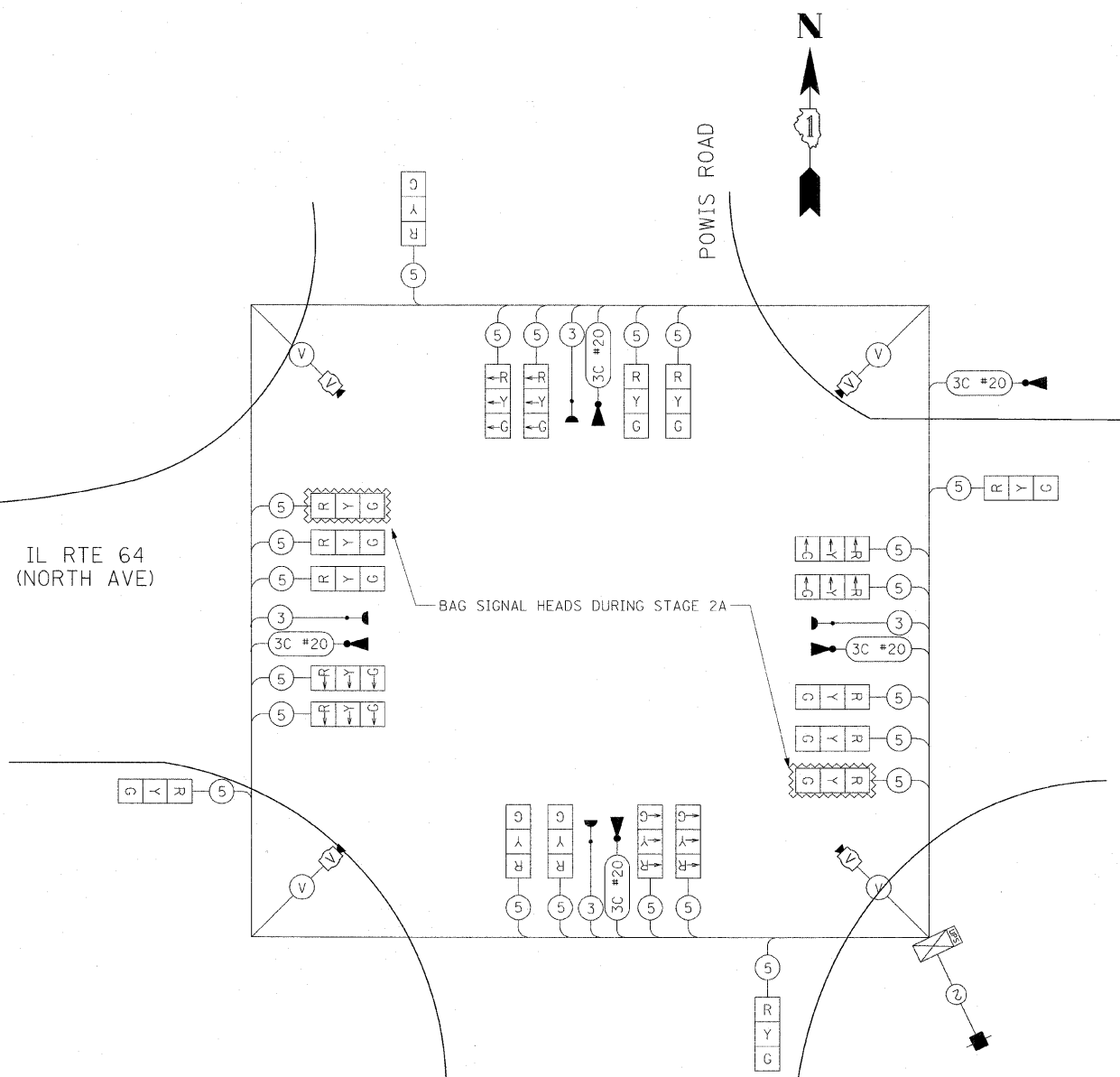
ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY CONTACT: MARK GLOECKLE
 PHONE: (630) 691-4529
 COMPANY: COMED

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE 64 & POWIS ROAD TEMPORARY CABLE PLAN & TEMPORARY PHASE DESIGNATION DIAGRAM & SCHEDULE OF QUANTITIES STAGE 2
NAME	DATE	
ADDENDUM NO. 1	12/23/11	

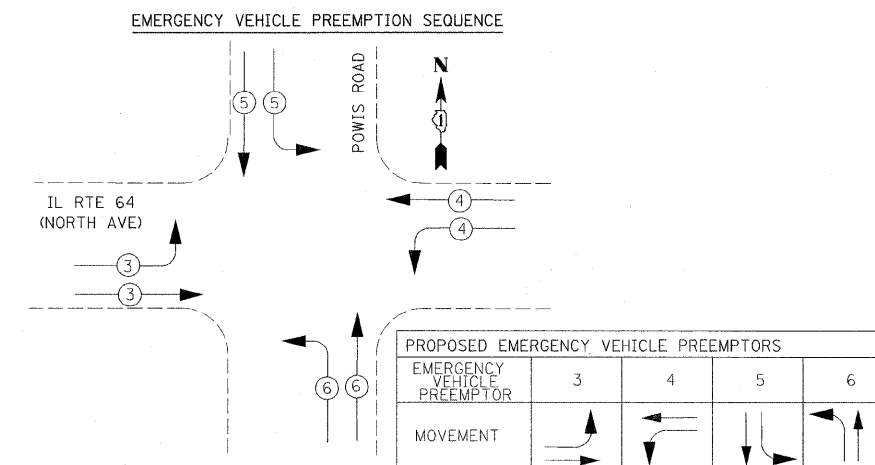
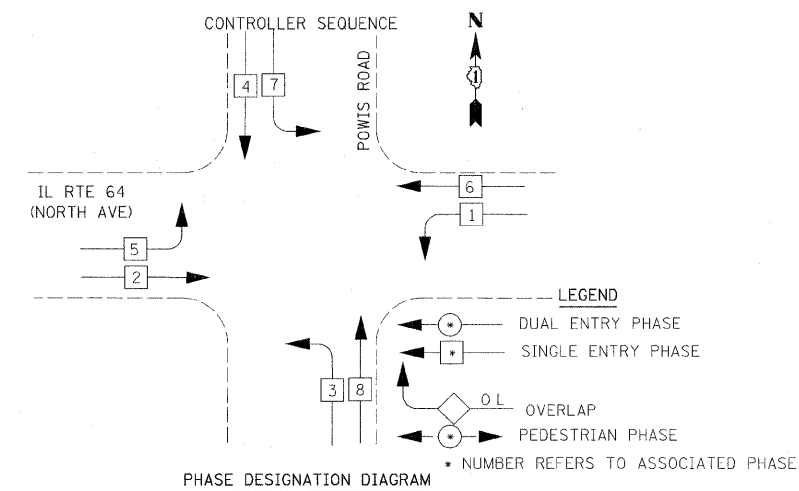
SCALE: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	372
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



CABLE PLAN
NOT TO SCALE



I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	22		17	50	187.00
(YELLOW)	22		25	25	137.50
(GREEN)	22		15	25	82.50
ARROW	0		12	10	00.00
PED. SIGNAL	0		25	100	00.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER	0		25	50	0.00
TOTAL =					657.00

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: MARK GLOECKLE
 PHONE: (630) 691-4529
 COMPANY: COMED

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

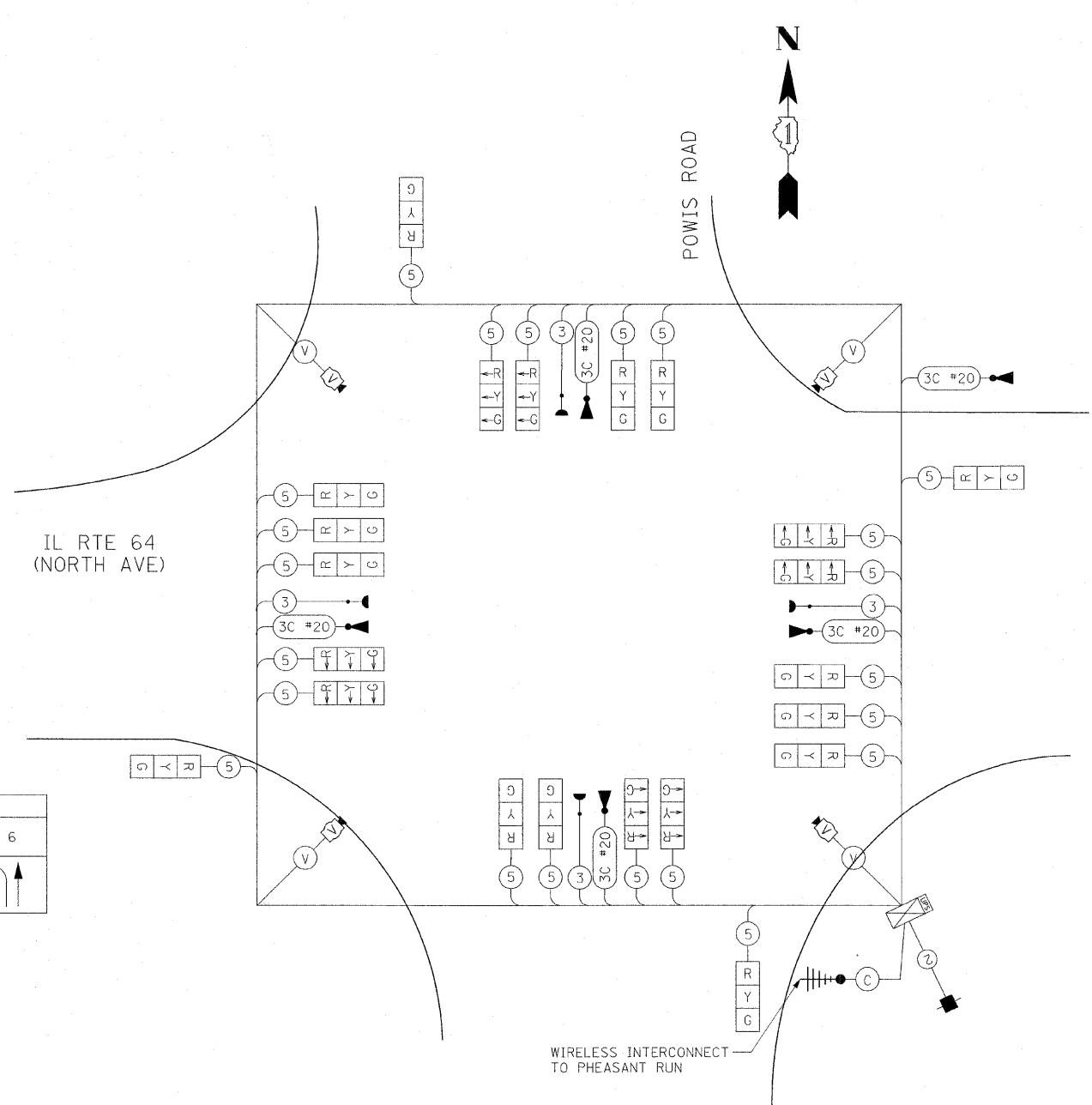
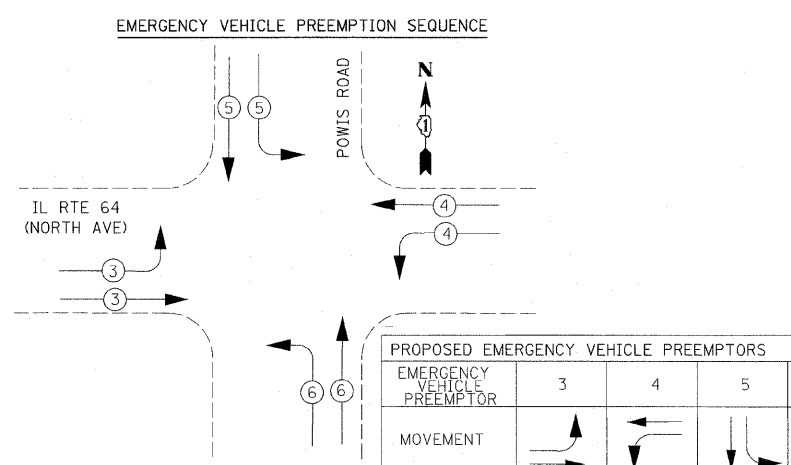
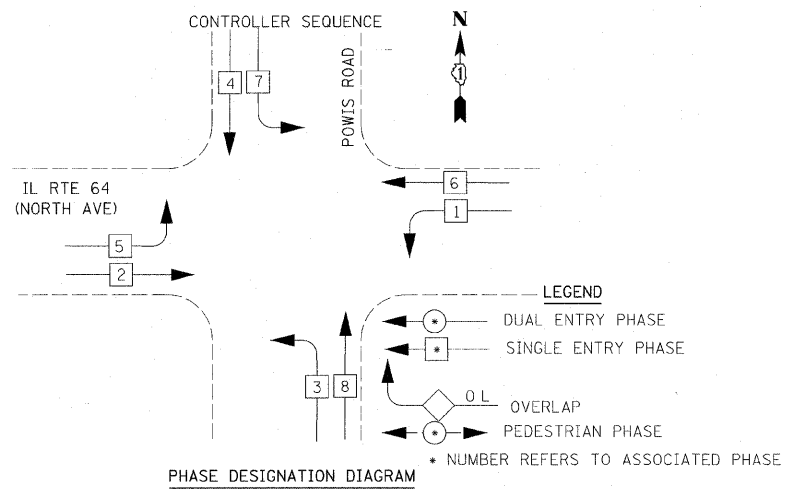
ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 64 & POWIS ROAD
 TEMPORARY CABLE PLAN &
 TEMPORARY PHASE DESIGNATION
 DIAGRAM & SCHEDULE OF QUANTITIES
 STAGE 2A

SCALE: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	372D
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



CABLE PLAN
NOT TO SCALE

QTY	UNIT	ITEM DESCRIPTION
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1468	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
479	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
407	FOOT	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL
10	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1	EACH	MAINTENANCE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION
779	FOOT	SPAN WIRE
779	FOOT	TETHER WIRE
907	FOOT	ELECTRICAL CABLE AERIAL SUSPENDED, SIGNAL NO. 14 3C
5330	FOOT	ELECTRICAL CABLE AERIAL SUSPENDED, SIGNAL NO. 14 5C
106	FOOT	ELECTRICAL CABLE AERIAL SUSPENDED, SERVICE, NO. 6 2C
1980	FOOT	PREFORMED DETECTOR LOOP
5	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
8339	FOOT	REMOVE ELECTRICAL CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
11	EACH	REMOVE EXISTING HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE
1	EACH	WIRELESS INTERCONNECT, COMPLETE
4	EACH	TRAFFIC SIGNAL WOOD POLE, 45 FT, CLASS 5
1	EACH	VIDEO DETECTION SYSTEM
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1366	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
1163	FOOT	ELECTRIC CABLE AERIAL SUSPENDED NO. 20 3/C, TWISTED, SHIELDED
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	UNINTERRUPTIBLE POWER SUPPLY SPECIAL
24	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED
106	FOOT	ELECTRICAL CABLE AERIAL SUSPENDED, GROUNDING, NO. 6 1C
1	EACH	PARAPET MOUNTED EMERGENCY VEHICLE PREEMPTION DETECTOR SUPPORT

100% COST TO WEST CHICAGO FIRE PROTECTION DISTRICT

TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	22		17	50	187.00
(YELLOW)	22		25	25	137.50
(GREEN)	22		15	25	82.50
ARROW	0		12	10	0.00
PED. SIGNAL	1		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER	0		25	50	0.00
TOTAL =					657.00

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY CONTACT: MARK GLOECKLE
 PHONE: (630) 691-4529
 COMPANY: COMED

NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 64 & POWIS ROAD
 TEMPORARY CABLE PLAN &
 TEMPORARY PHASE DESIGNATION
 DIAGRAM & SCHEDULE OF QUANTITIES
 POST-CONSTRUCTION
 SCALE: NONE
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	377
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTION SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED, AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON
- UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PER-EMPTION, OR WHEN INDICATED ON THE PLANS.
- TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
- DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
- WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

PRIOR TO CONSTRUCTION, THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE CITY OF WEST CHICAGO AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE CITY'S MAINTENANCE FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

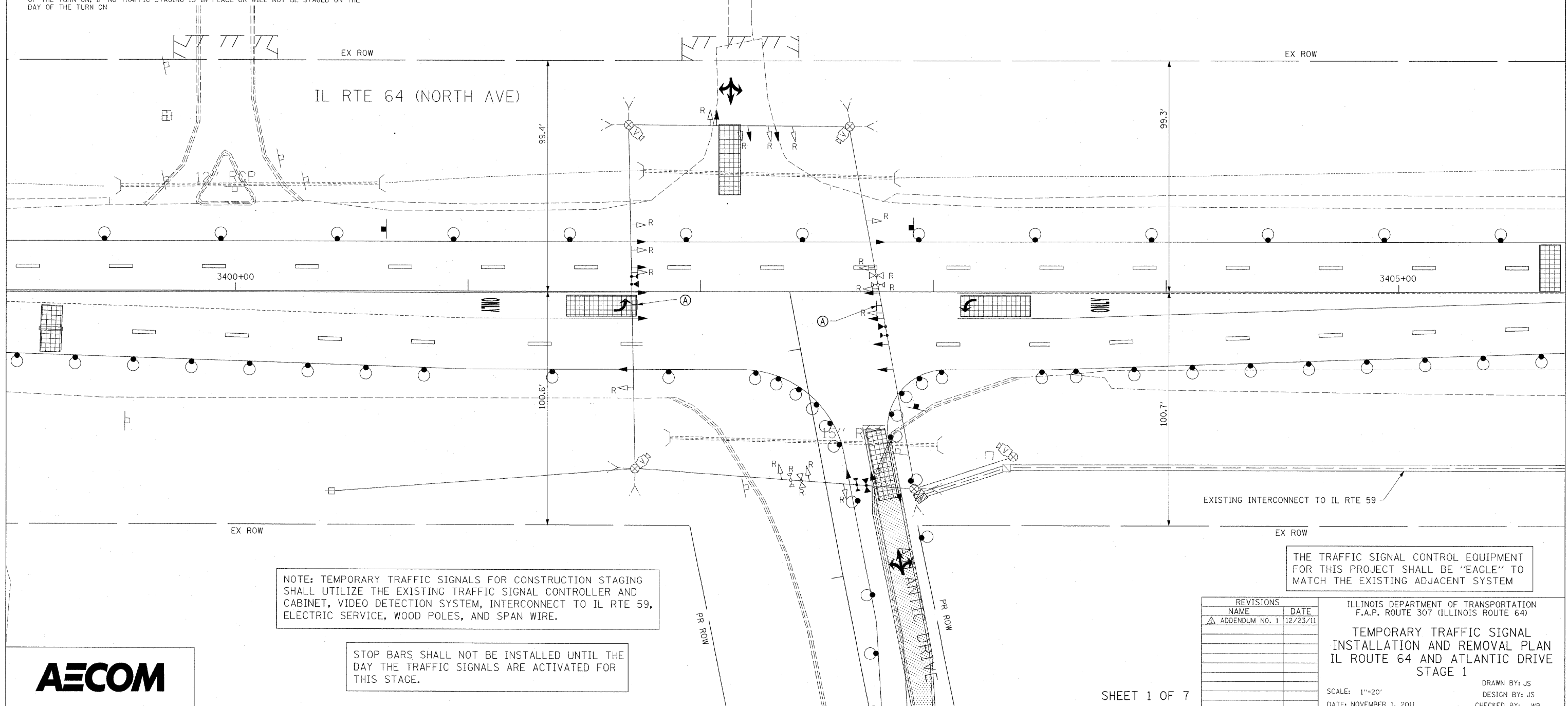
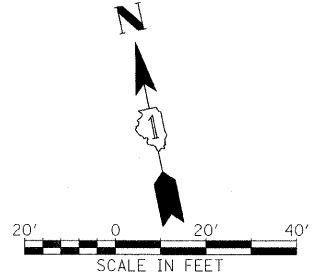
- 2.0 EACH EMERGENCY VEHICLE PRIORITY SYSTEM DETECTOR UNIT
- 1.0 EACH EMERGENCY VEHICLE PRIORITY SYSTEM PHASING UNIT

PRIOR TO CONSTRUCTION, THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 9.0 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 6.0 EACH SIGNAL HEAD, 1-FACE, 5-SECTION

UPON COMPLETION OF CONSTRUCTION, ALL TEMPORARY SIGNAL ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

SIGN (A)
 LEFT ON GREEN ARROW ONLY
 R10-5
 24" X 30"
 2-REQUIRED
 INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION



NOTE: TEMPORARY TRAFFIC SIGNALS FOR CONSTRUCTION STAGING SHALL UTILIZE THE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET, VIDEO DETECTION SYSTEM, INTERCONNECT TO IL RTE 59, ELECTRIC SERVICE, WOOD POLES, AND SPAN WIRE.

STOP BARS SHALL NOT BE INSTALLED UNTIL THE DAY THE TRAFFIC SIGNALS ARE ACTIVATED FOR THIS STAGE.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

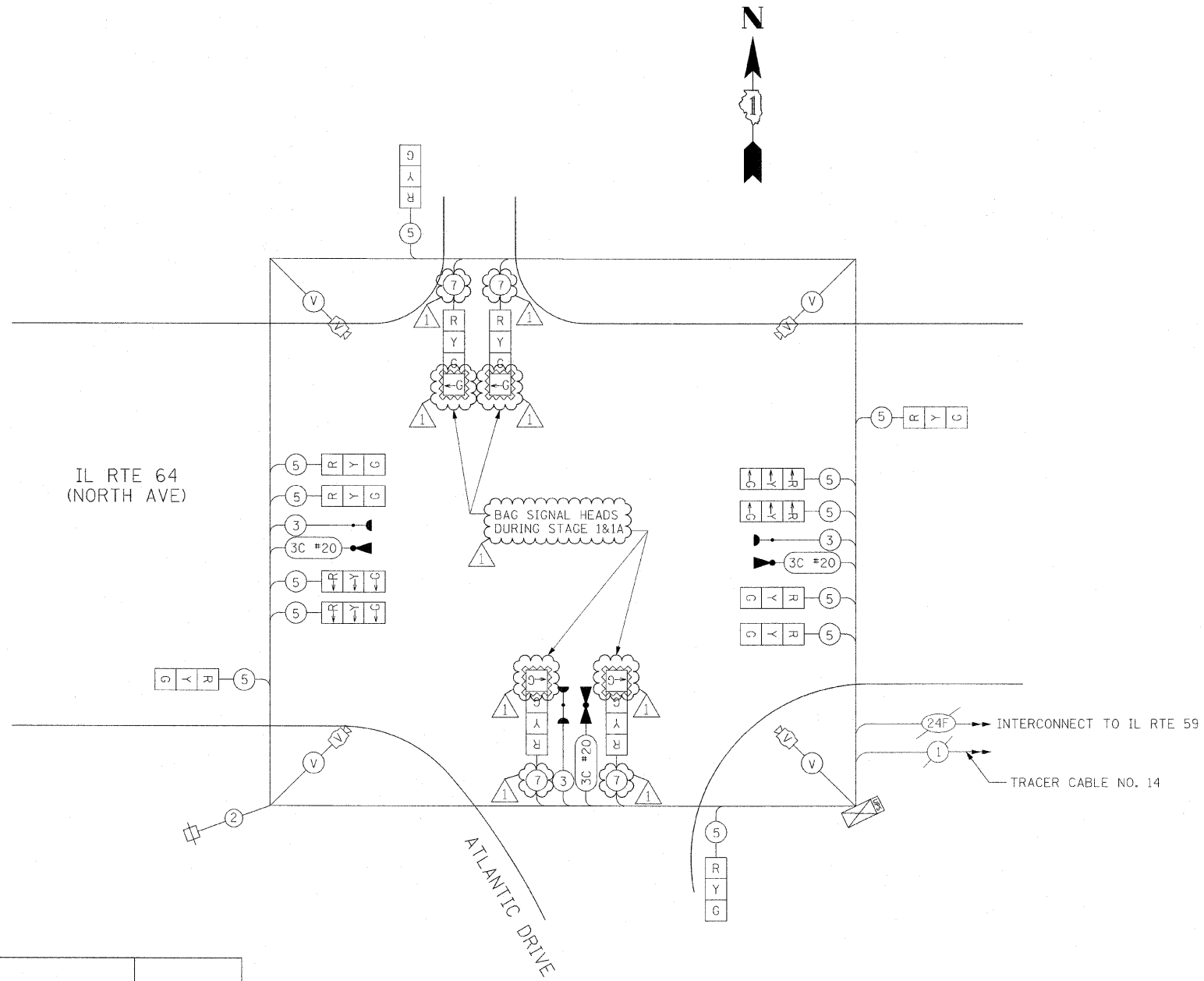
REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)
 TEMPORARY TRAFFIC SIGNAL
 INSTALLATION AND REMOVAL PLAN
 IL ROUTE 64 AND ATLANTIC DRIVE
 STAGE 1
 SCALE: 1"=20'
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

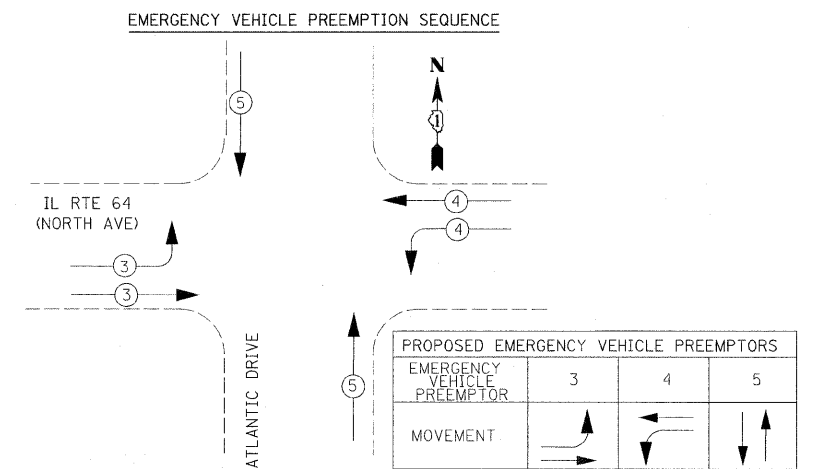
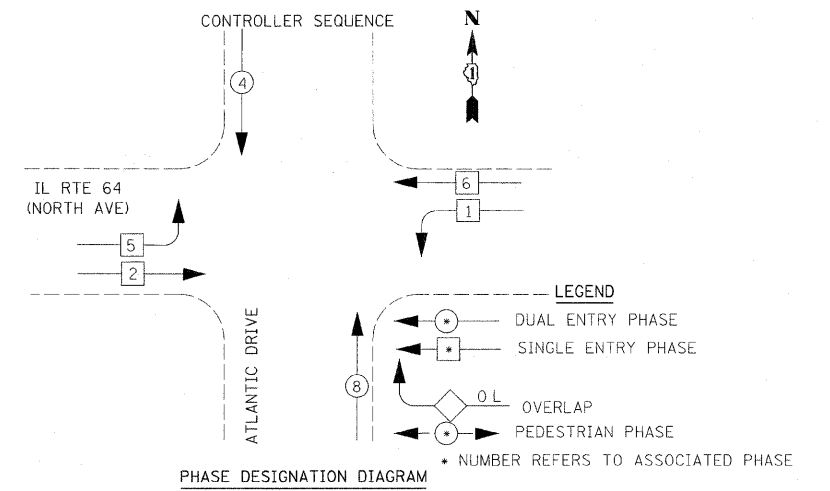


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	378A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



CABLE PLAN
 NOT TO SCALE



I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16		17	50	136.00
(YELLOW)	16		25	25	100.00
(GREEN)	16		15	25	60.00
ARROW	4		12	10	4.80
PED. SIGNAL	0		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER				50	
TOTAL =					550.80

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: MARK GLOECKLE
 PHONE: (630) 691-4529
 COMPANY: COMED

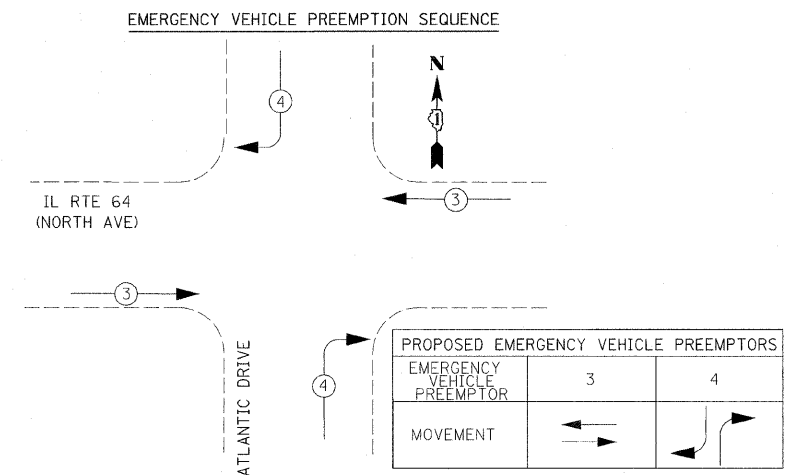
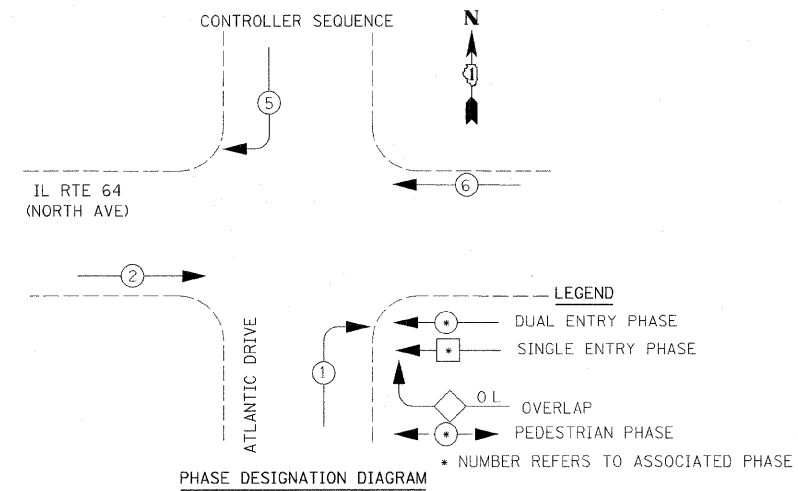
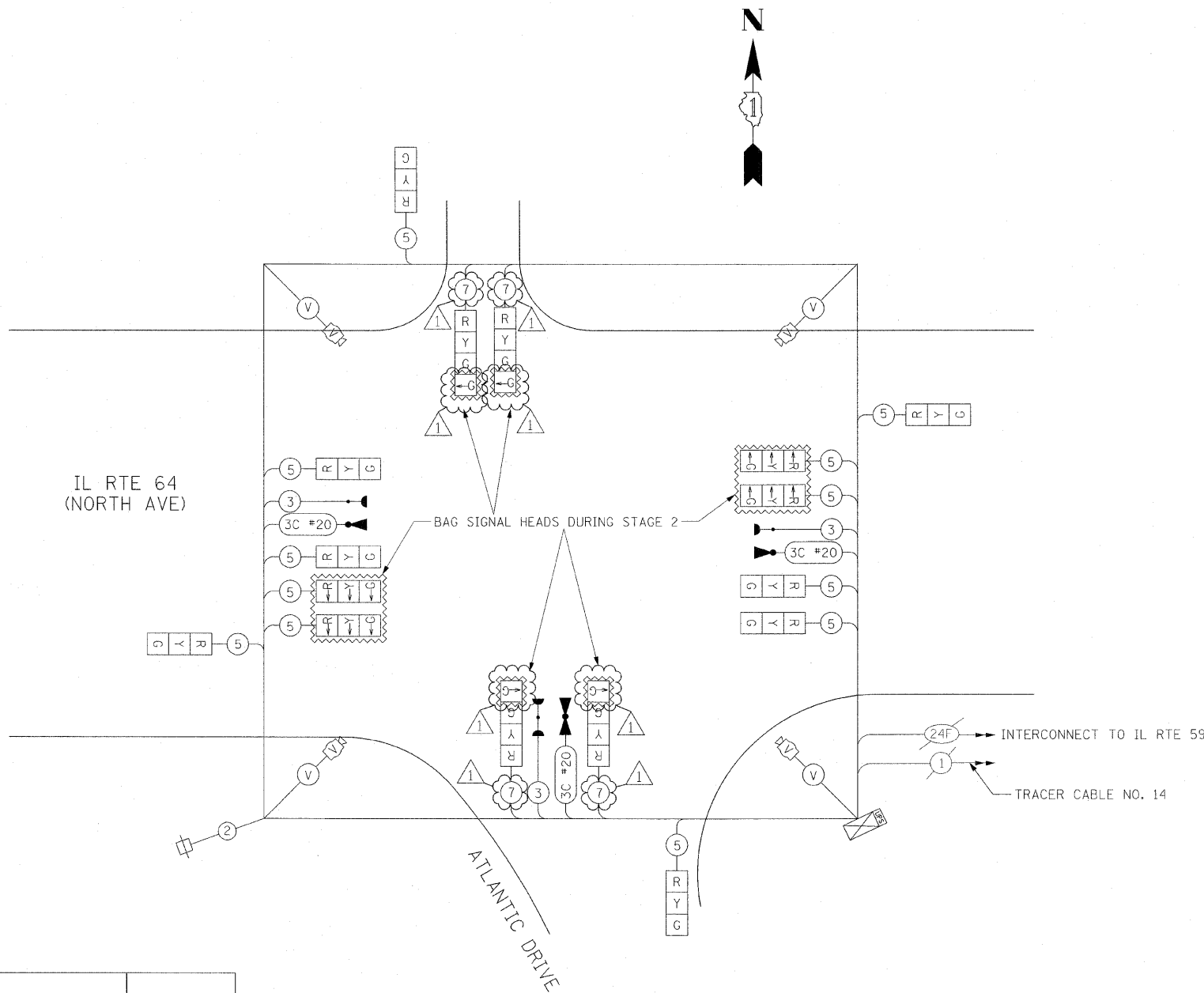
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE 64 & ATLANTIC DRIVE TEMPORARY CABLE PLAN & TEMPORARY PHASE DESIGNATION DIAGRAM & SCHEDULE OF QUANTITIES STAGES 1 & 1A
NAME	DATE	
ADDENDUM NO. 1	12/23/11	

SCALE: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: JS
 DESIGN BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	380
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16		17	50	136.00
(YELLOW)	16		25	25	100.00
(GREEN)	16		15	25	60.00
ARROW	4		12	10	4.80
PED. SIGNAL	0		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER				50	
TOTAL =					550.80

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: MARK GLOECKLE
 PHONE: (630) 691-4529
 COMPANY: COMED

CABLE PLAN
 NOT TO SCALE

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

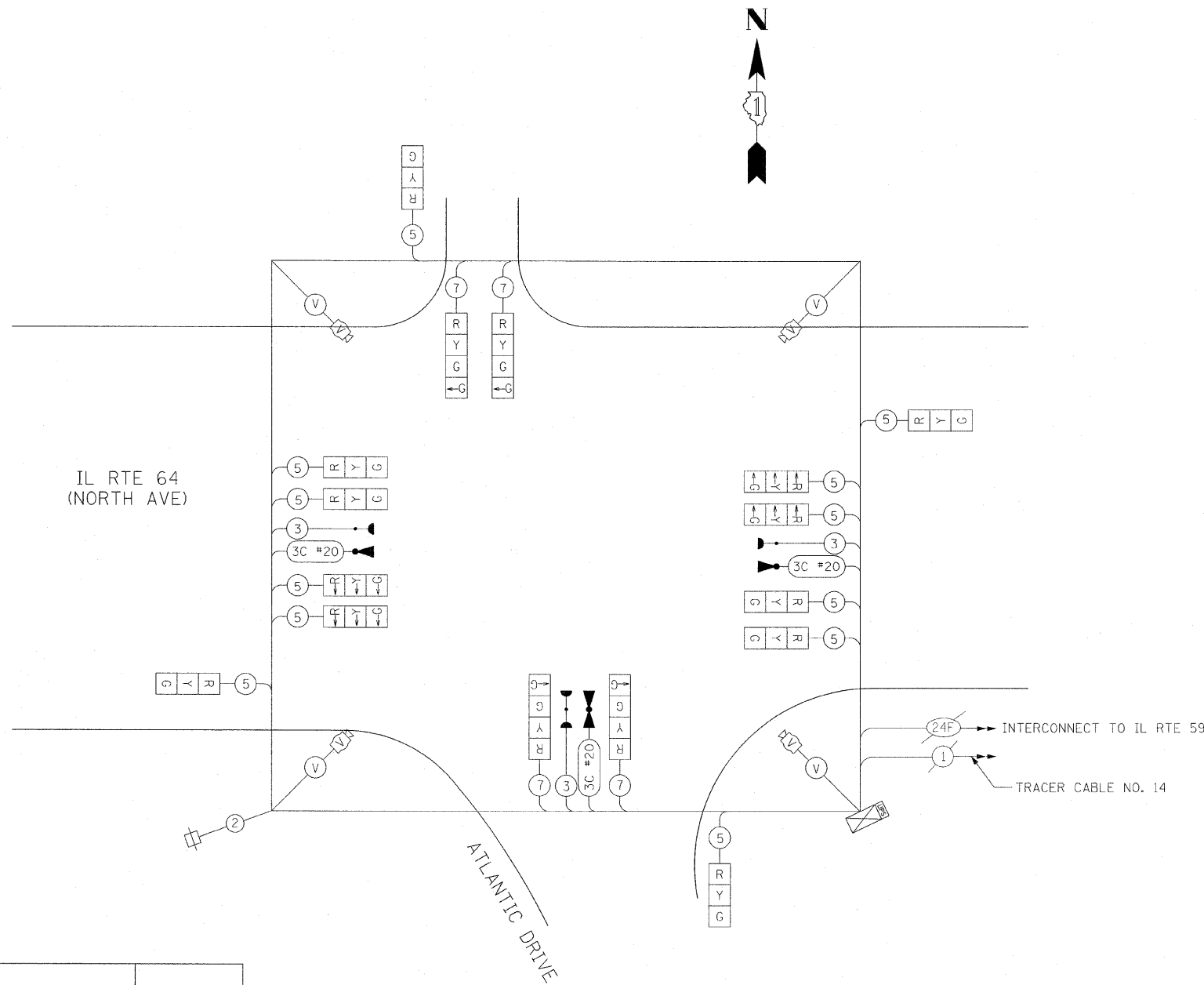
ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 64 & ATLANTIC DRIVE
 TEMPORARY CABLE PLAN &
 TEMPORARY PHASE DESIGNATION
 DIAGRAM & SCHEDULE OF QUANTITIES
 STAGE 2

SCALE: NONE
 DATE: NOVEMBER 1, 2011

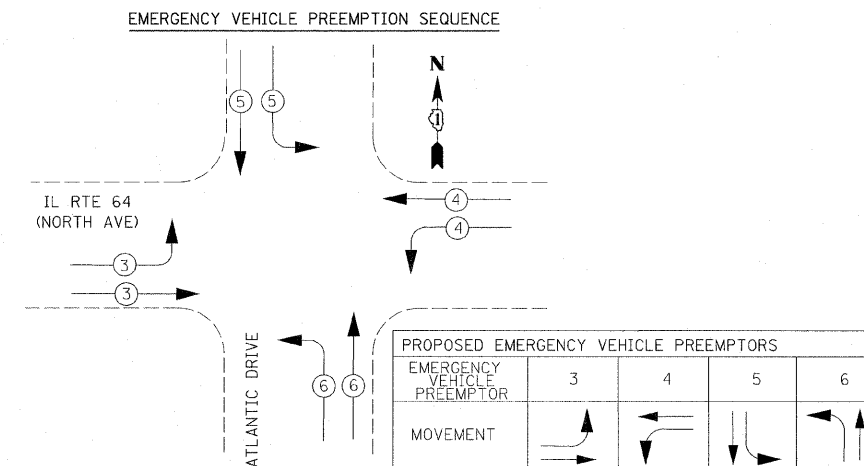
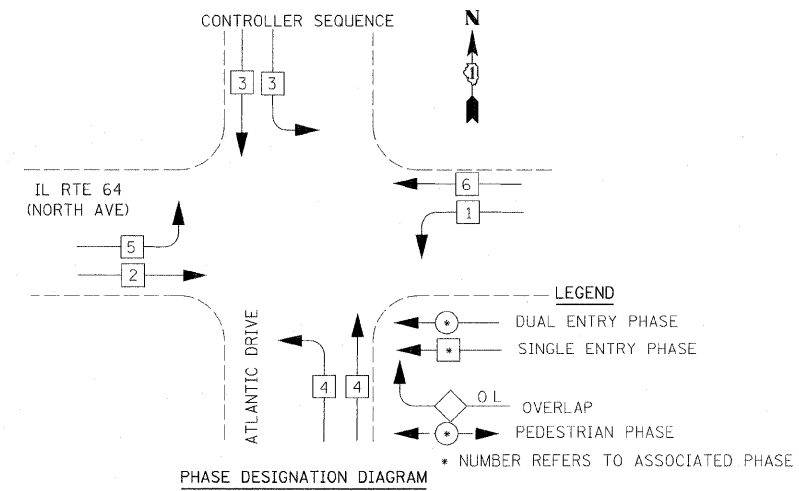
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 DESIGN BY: MS
 CHECKED BY: MD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	382
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



CABLE PLAN
NOT TO SCALE



I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	16		17	50	136.00
(YELLOW)	16		25	25	100.00
(GREEN)	16		15	25	60.00
ARROW	4		12	10	4.80
PED. SIGNAL	0		25	100	0.00
CONTROLLER	1		100	100	100.00
ILLUM. SIGN	0		25	5	0.00
VIDEO SYSTEM	1	150		100	150.00
FLASHER				50	--
TOTAL =					550.80

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: MARK GLOECKLE
PHONE: (630) 691-4529
COMPANY: COMED

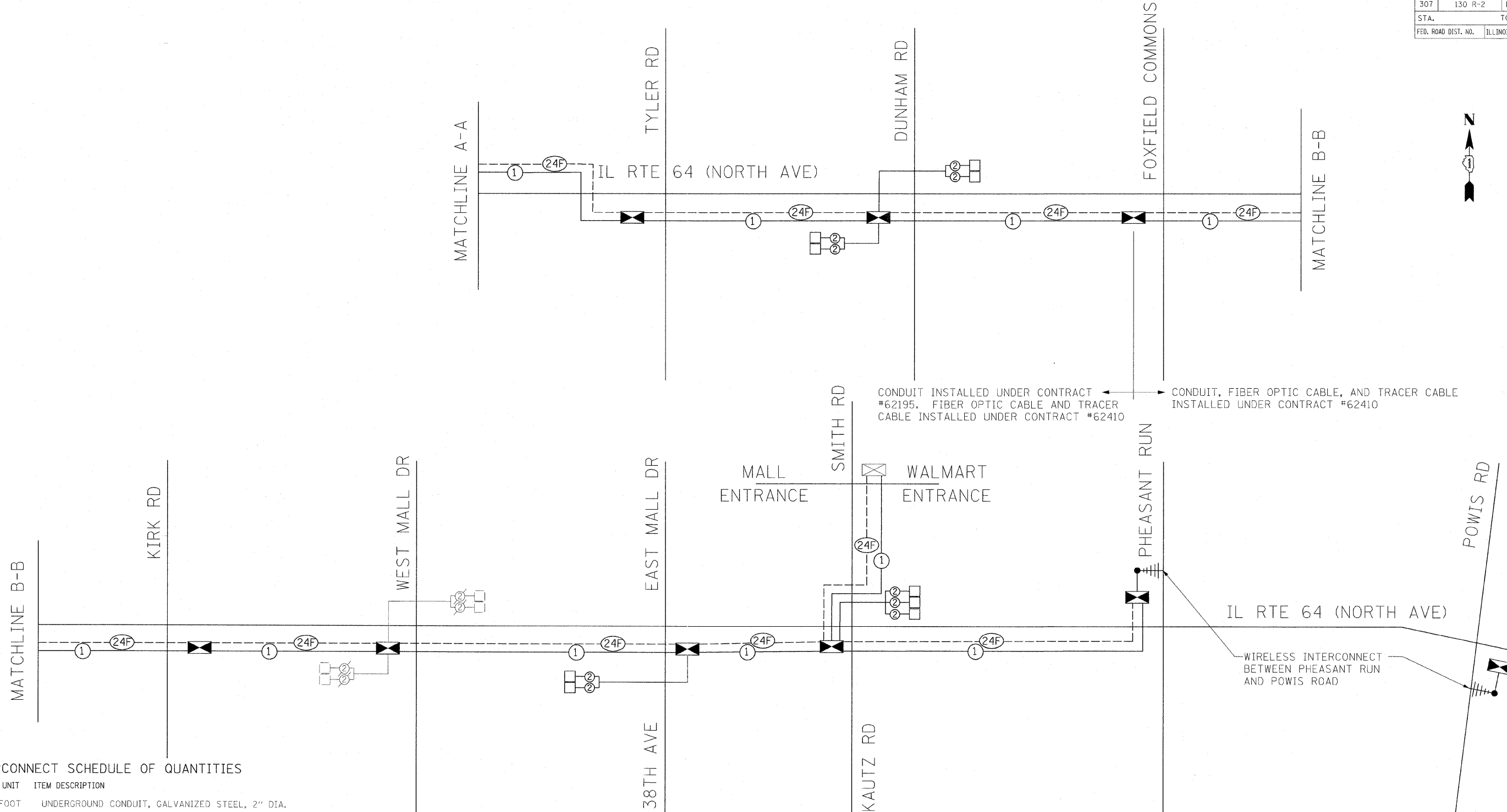
REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL RTE 64 & ATLANTIC DRIVE
TEMPORARY CABLE PLAN &
TEMPORARY PHASE DESIGNATION
DIAGRAM & SCHEDULE OF QUANTITIES
STAGES 2A

SCALE: NONE
DATE: DECEMBER 23, 2011

DRAWN BY: JS
DESIGN BY: JS
CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	404
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62410				



INTERCONNECT SCHEDULE OF QUANTITIES

QTY	UNIT	ITEM DESCRIPTION
7287	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
6	EACH	HANDHOLE
5	EACH	HEAVY-DUTY HANDHOLE
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
15562	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM 12F
15536	FOOT	ELECTRICAL CABLE IN CONDUIT, TRACER, NO. 14 1C
7	EACH	DRILL EXISTING HANDHOLE
22	EACH	REMOVE EXISTING HANDHOLE
1	LUMP SUM	TEMPORARY WIRELESS INTERCONNECT, COMPLETE
1	LUMP SUM	OPTIMIZE TRAFFIC SIGNAL SYSTEM
1000	FOOT	INSTALL EXISTING FIBER OPTIC CABLE IN CONDUIT

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

IL RTE 64 (NORTH AVE)

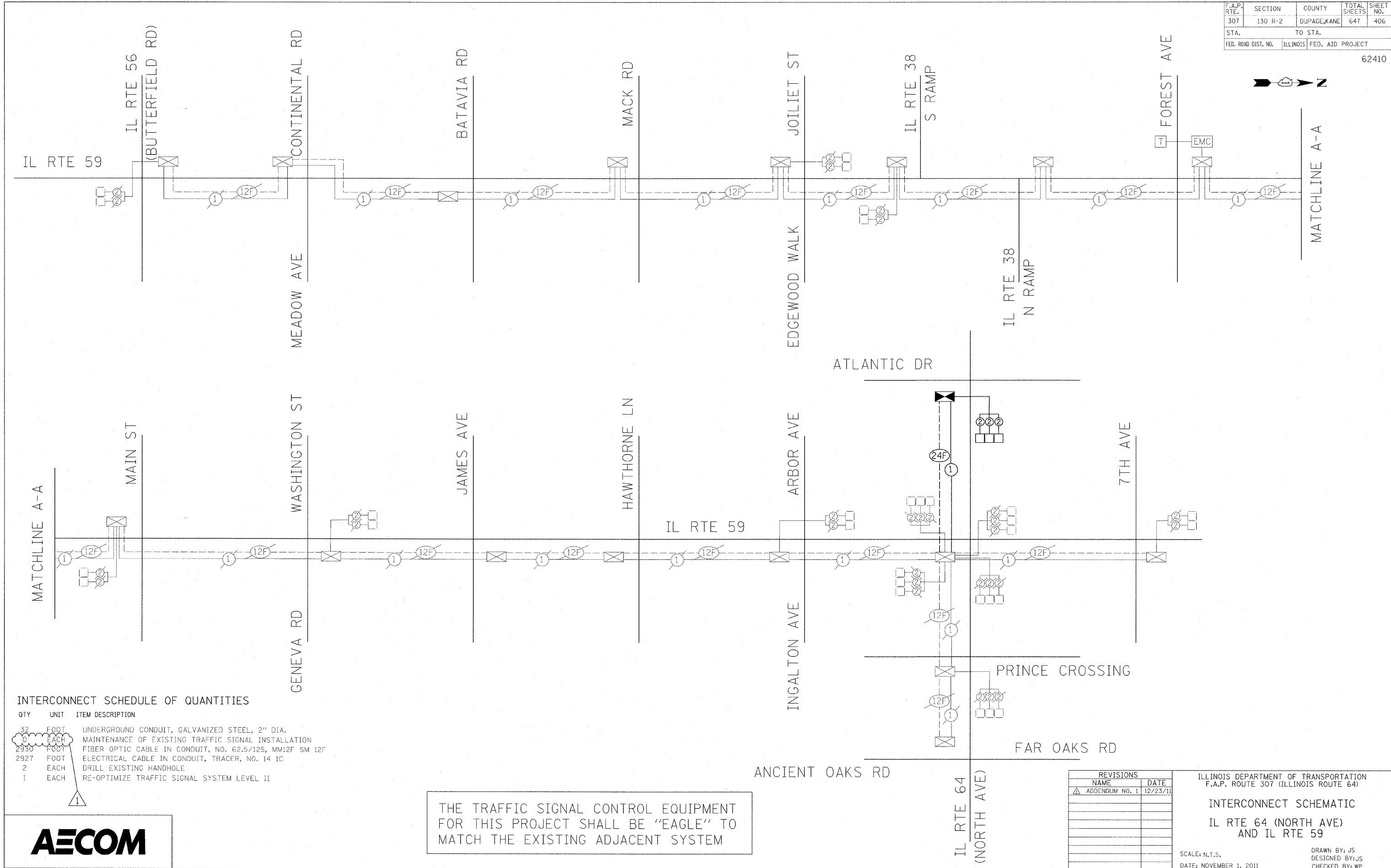
REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)
INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES
 IL RTE 64 (NORTH AVE)
 15TH ST TO POWIS ROAD
 SCALE: N.T.S.
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JS
 DESIGNED BY: JS
 CHECKED BY: WP



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	406
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62410



INTERCONNECT SCHEDULE OF QUANTITIES

QTY	UNIT	ITEM DESCRIPTION
32	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
0	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2930	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM 12F
2927	FOOT	ELECTRICAL CABLE IN CONDUIT, TRACER, NO. 14 1C
2	EACH	DRILL EXISTING HANDHOLE
1	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL II

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

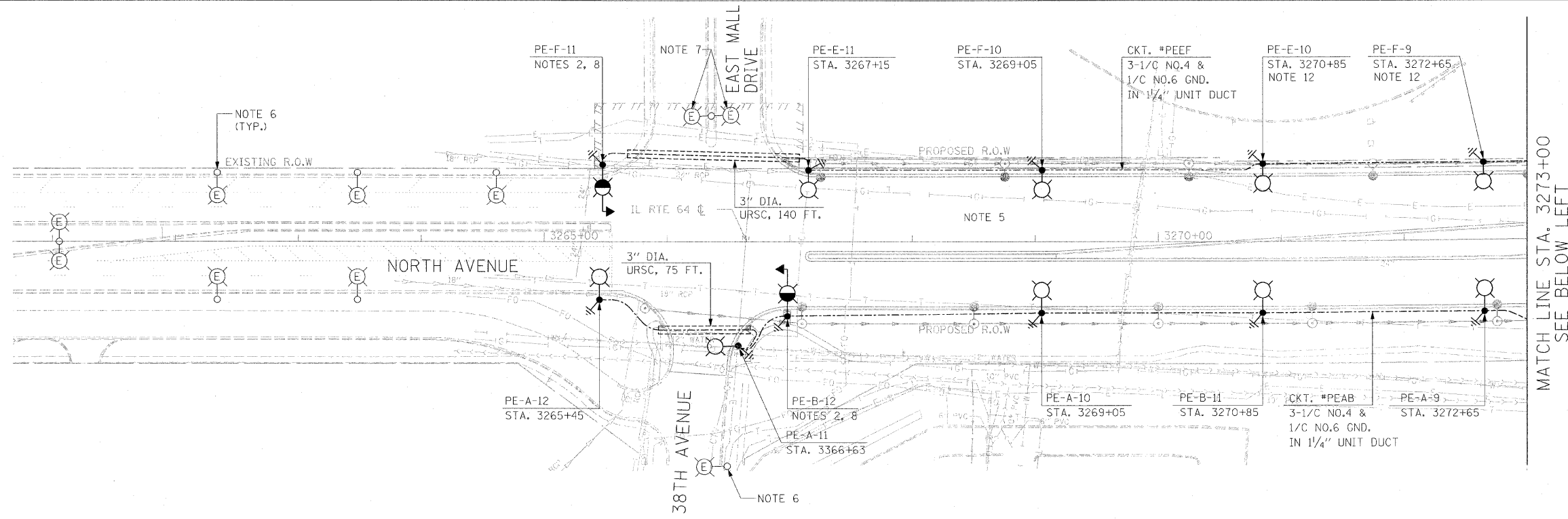
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)
 INTERCONNECT SCHEMATIC
 IL RTE 64 (NORTH AVE)
 AND IL RTE 59
 SCALE: N.T.S.
 DATE: NOVEMBER 1, 2011
 DRAWN BY: JS
 DESIGNED BY: JS
 CHECKED BY: WP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	416
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

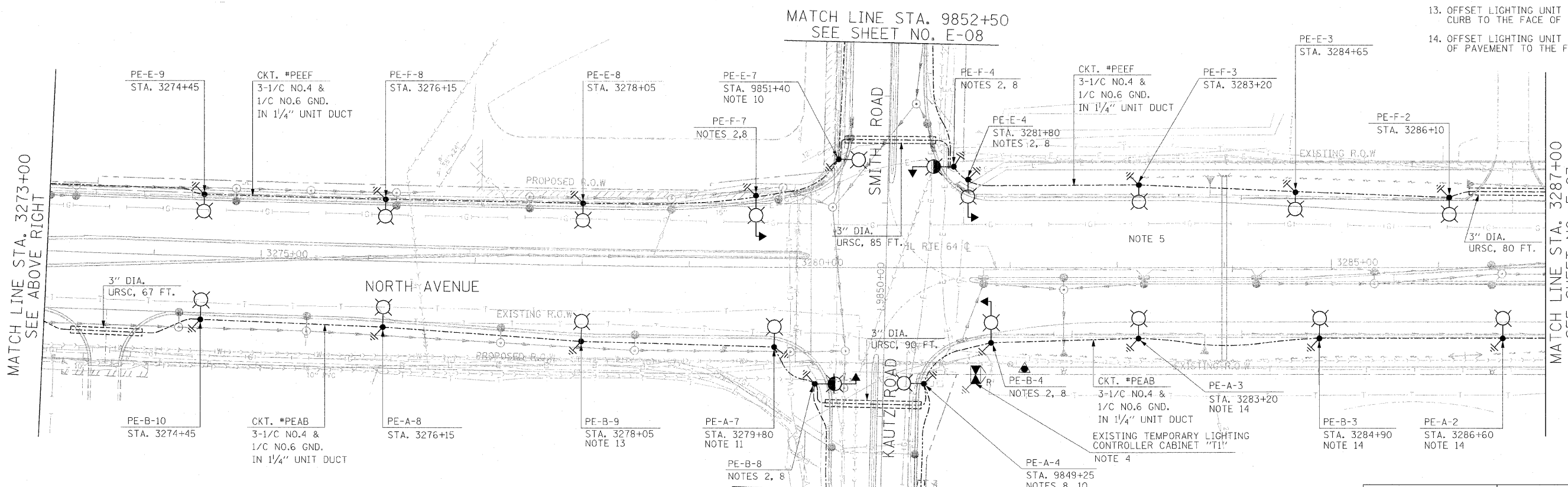
62410

NOTES:

- SEE SHEET E-01 FOR ELECTRICAL SYMBOLS, CALL-OUT SAMPLES, ABBREVIATIONS AND GENERAL NOTES.
- SEE TRAFFIC SIGNAL PLANS FOR THE EXACT LOCATIONS OF COMBINATION TRAFFIC SIGNAL/LIGHT POLES.
- THE TYPICAL LIGHT POLE SETBACK, FROM 38TH AVENUE TO KAUTZ/SMITH ROAD, SHALL BE 3 FEET FROM BACK OF CURB TO THE FACE OF LIGHT POLE, UNO.
- REMOVE EXISTING TEMPORARY LIGHTING CONTROLLER CABINET "T1" AFTER INSTALLATION, OPERATION, TESTING, AND APPROVAL OF THE PROPOSED LIGHTING SYSTEM. CONTRACTOR SHALL DELIVER THE EXISTING LIGHTING CONTROLLERS TO BE REMOVED TO THE CITY OF ST. CHARLES.
- REMOVE EXISTING TEMPORARY LIGHTING UNITS AFTER INSTALLATION, OPERATION, TESTING, AND APPROVAL OF THE PROPOSED LIGHTING SYSTEM. SEE TEMPORARY LIGHTING PLAN TL-01.
- EXISTING LIGHTING UNIT OWNED AND OPERATED BY CITY OF ST. CHARLES.
- EXISTING PARKING LOT LIGHTING UNIT OWNED AND OPERATED BY CHARLESTOWNE MALL.
- PROVIDE 1.5" PVC CONDUIT SLEEVES IN THE POLE FOUNDATION FOR LIGHTING UNIT DUCTS. COORDINATE ALL WORK WITH TRAFFIC SIGNAL INSTALLATION.
- THE TYPICAL LIGHT POLE SETBACK, FROM KAUTZ/SMITH ROAD TO ILLINOIS ROUTE 59, SHALL BE 15 FEET FROM EDGE OF PAVEMENT TO THE FACE OF LIGHT POLE, UNO.
- OFFSET LIGHTING UNIT 3 FEET FROM BACK OF CURB TO THE FACE OF LIGHT POLE.
- LUMINAIRE SHALL BE 400W HPS.
- OFFSET LIGHTING UNIT 10 FEET FROM BACK OF CURB TO THE FACE OF LIGHT POLE.
- OFFSET LIGHTING UNIT 7'-6" FROM BACK OF CURB TO THE FACE OF LIGHT POLE.
- OFFSET LIGHTING UNIT 18'-6" FROM EDGE OF PAVEMENT TO THE FACE OF LIGHT POLE.



MATCH LINE STA. 3273+00
SEE BELOW LEFT

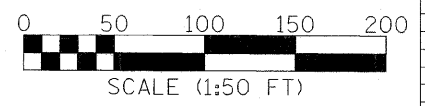


MATCH LINE STA. 3273+00
SEE ABOVE RIGHT

MATCH LINE STA. 3287+00
SEE SHEET NO. E-03

MATCH LINE STA. 9852+50
SEE SHEET NO. E-08

MATCH LINE STA. 9848+30
SEE SHEET NO. E-08



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

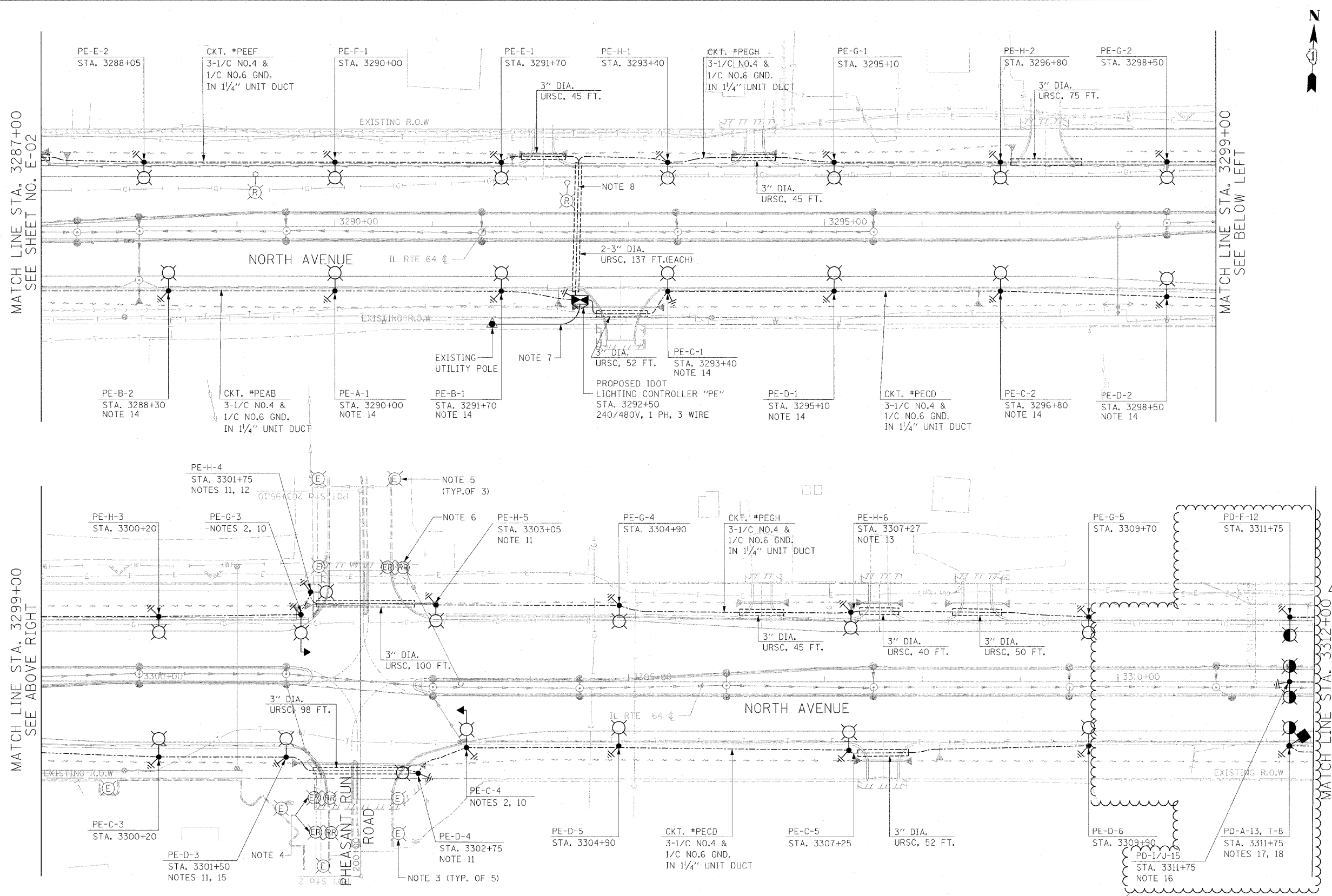
ROADWAY LIGHTING PLAN
 STA. 3260+00 TO STA. 3287+00

SCALE: 1" = 50'
 DATE: NOVEMBER 1, 2011

DRAWN BY: HR
 CHECKED BY: JPC

E-02

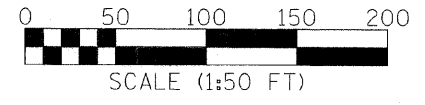
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	417
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	62410	



- NOTES:**
- SEE SHEET E-01 FOR ELECTRICAL SYMBOLS, CALL-OUT SAMPLES, ABBREVIATIONS AND GENERAL NOTES.
 - SEE TRAFFIC SIGNAL PLANS FOR THE EXACT LOCATIONS OF COMBINATION TRAFFIC SIGNAL/LIGHT POLES.
 - EXISTING ORNAMENTAL LIGHTING UNIT OWNED AND OPERATED BY PHEASANT RUN RESORT. CONTRACTOR SHALL PROTECT LIGHTING UNIT FROM DAMAGE DURING CONSTRUCTION.
 - REMOVE, STORE AND PROTECT EXISTING LIGHTING UNIT AND REINSTALL EXISTING LIGHTING UNIT 3 FEET FROM PROPOSED BACK OF CURB TO THE FACE OF LIGHT POLE. CONTRACTOR SHALL MATCH EXISTING POLE FOUNDATION AND RE-CIRCUIT EXISTING LIGHTING UNIT. COORDINATE ALL WORK WITH PHEASANT RUN RESORT.
 - EXISTING ORNAMENTAL LIGHTING UNIT OWNED AND OPERATED BY HILTON GARDEN INN. CONTRACTOR SHALL PROTECT LIGHTING UNIT FROM DAMAGE DURING CONSTRUCTION.
 - REMOVE, STORE AND PROTECT EXISTING LIGHTING UNIT AND REINSTALL EXISTING LIGHTING UNIT 3 FEET FROM PROPOSED BACK OF CURB TO THE FACE OF LIGHT POLE. CONTRACTOR SHALL MATCH EXISTING POLE FOUNDATION AND RE-CIRCUIT THE EXISTING LIGHTING UNIT. COORDINATE ALL WORK WITH HILTON GARDEN INN.
 - PROVIDE 3-350 KCMIL TYPE USE IN 4" URSC FROM THE UTILITY POLE TO THE LIGHTING CONTROLLER CABINET. COORDINATE ALL WORK WITH COMED.
 - INSTALL ONE 1/4" UNIT DUCT PER URSC UNDER ROADWAY.
 - THE TYPICAL LIGHT POLE SETBACK SHALL BE 15 FEET FROM THE EDGE OF PAVEMENT TO THE FACE OF LIGHT POLE, UNLESS NOTED OTHERWISE.
 - PROVIDE 4" PVC CONDUIT SLEEVES IN THE POLE FOUNDATION FOR LIGHTING UNIT DUCTS. COORDINATE ALL WORK WITH TRAFFIC SIGNAL INSTALLATION.
 - LUMINAIRE SHALL BE 400W HPS.
 - LIGHT POLE SETBACK SHALL BE 2 FEET FROM CENTERLINE OF POLE TO BACK EDGE OF SIDEWALK.
 - OFFSET LIGHTING UNIT 25'-6" FEET FROM THE EDGE OF PAVEMENT TO THE FACE OF LIGHT POLE.
 - OFFSET LIGHTING UNIT 18'-6" FROM THE EDGE OF PAVEMENT TO THE FACE OF LIGHT POLE.
 - OFFSET LIGHTING UNIT 16'-0" FROM THE EDGE OF PAVEMENT TO THE FACE OF LIGHT POLE.
 - FOR LIGHT POLES LOCATED IN THE MEDIAN AREA, CONTRACTOR SHALL CENTER LIGHT POLES BETWEEN MEDIAN OR ADJUST LIGHT POLES TO MEET MINIMUM 2 FEET CLEARANCE FROM THE BACK OF CURB TO THE FACE OF LIGHT POLE.
 - PROVIDE 2 - 3/2" PVC CONDUIT SLEEVES IN THE POLE FOUNDATION FOR LIGHTING UNIT DUCTS.

NOTES:

18. PROVIDE AN AVIATION OBSTRUCTION WARNING LUMINAIRE. THE OBSTRUCTION LUMINAIRE SHALL BE OPERATED AT 240 VOLTS. SEE SHEET E-12 FOR AVIATION OBSTRUCTION WARNING LUMINAIRE MOUNTING DETAILS.



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

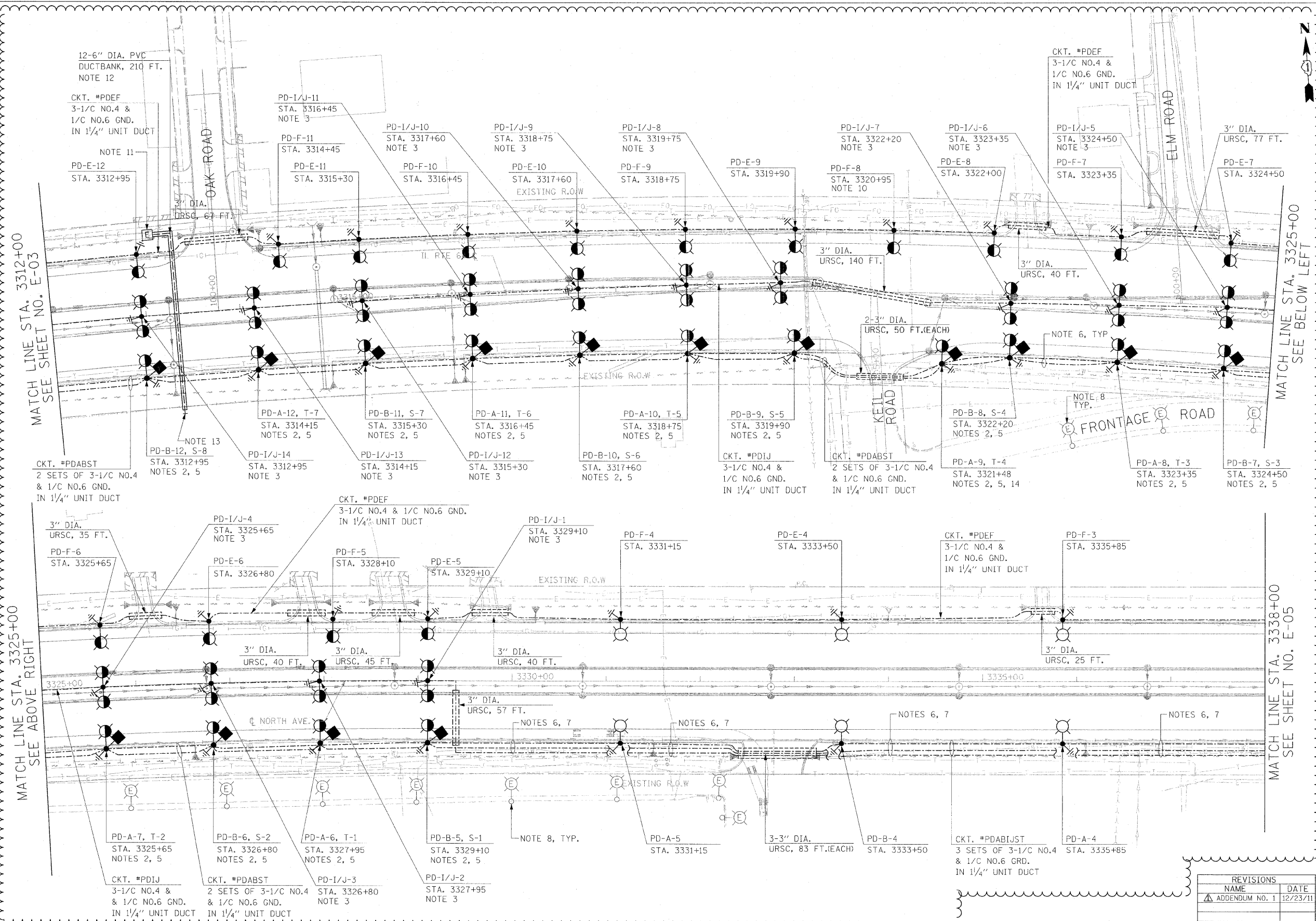
ROADWAY LIGHTING PLAN
 STA. 3287+00 TO STA. 3312+00

SCALE: 1" = 50'
 DATE: NOVEMBER 1, 2011

DRAWN BY: HR
 CHECKED BY: JM



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	418
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	62410			

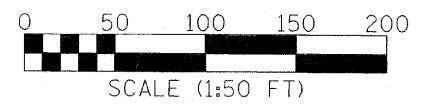


- NOTES:**
- SEE SHEET E-01 FOR ELECTRICAL SYMBOLS, CALL-OUT SAMPLES, ABBREVIATIONS AND GENERAL NOTES.
 - PROVIDE 2 - 3/2" PVC CONDUIT SLEEVES IN THE POLE FOUNDATION FOR LIGHTING UNIT DUCTS.
 - FOR LIGHT POLES LOCATED IN THE MEDIAN AREA, CONTRACTOR SHALL CENTER LIGHT POLES BETWEEN MEDIAN OR ADJUST LIGHT POLES TO MEET MINIMUM 2 FEET CLEARANCE FROM THE BACK OF CURB TO THE FACE OF LIGHT POLE.
 - THE TYPICAL LIGHT POLE SETBACK SHALL BE 15 FEET FROM EDGE OF PAVEMENT TO THE FACE OF LIGHT POLE, UNO.
 - PROVIDE AN AVIATION OBSTRUCTION WARNING LUMINAIRE. THE OBSTRUCTION LUMINAIRE SHALL BE OPERATED AT 240 VOLTS. SEE SHEET E-12 FOR AVIATION OBSTRUCTION WARNING LUMINAIRE MOUNTING DETAILS.
 - PROVIDE THREE 1/4" UNIT DUCTS.
 - THE UNIT DUCTS THAT FEED THE AVIATION OBSTRUCTION WARNING LUMINAIRES AND THE MEDIAN LIGHTING CIRCUITS SHALL SWEEP AROUND THE LIGHT POLE FOUNDATIONS.
 - EXISTING LIGHTING UNIT OWNED AND OPERATED BY DUPAGE COUNTY AIRPORT.
 - OFFSET LIGHTING UNIT 19'-6" FROM THE EDGE OF PAVEMENT TO THE FACE OF LIGHT POLE.
 - OFFSET LIGHTING UNIT 18'-6" FROM THE EDGE OF PAVEMENT TO THE FACE OF LIGHTING UNIT.
 - ROUTE PROPOSED CONCRETE ENCASED DUCTBANK INTO EXISTING ELECTRIC UTILITY MANHOLE.
 - PROVIDE TWELVE 6" DIA. SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE DUCTBANK. INSTALL DUCTBANK AT APPROXIMATELY STA. 3313+30. COORDINATE FINAL DUCTBANK INSTALLATION LOCATION AND DEPTH WITH DRAINAGE AND CIVIL WORK. SEE SHEET E-16 FOR DUCTBANK DETAILS.
 - ROUTE DUCTBANK TO THE R.O.W. AND CAP ENDS FOR FUTURE USE. MARK END OF DUCTBANK WITH A SECTION OF 6" DIA. PVC CONDUIT INSTALLED VERTICALLY IN THE GROUND. SEE SHEET E-16 FOR DETAILS.
 - VERIFY EXISTING WATER MAIN HAS BEEN RELOCATED BY OTHERS PRIOR TO INSTALLATION OF LIGHT POLE FOUNDATION.

MATCH LINE STA. 3325+00
SEE ABOVE RIGHT

MATCH LINE STA. 3325+00
SEE BELOW LEFT

MATCH LINE STA. 3338+00
SEE SHEET NO. E-05



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

ROADWAY LIGHTING PLAN
 STA. 3312+00 TO STA. 3338+00

SCALE: 1" = 50'
 DATE: NOVEMBER 1, 2011

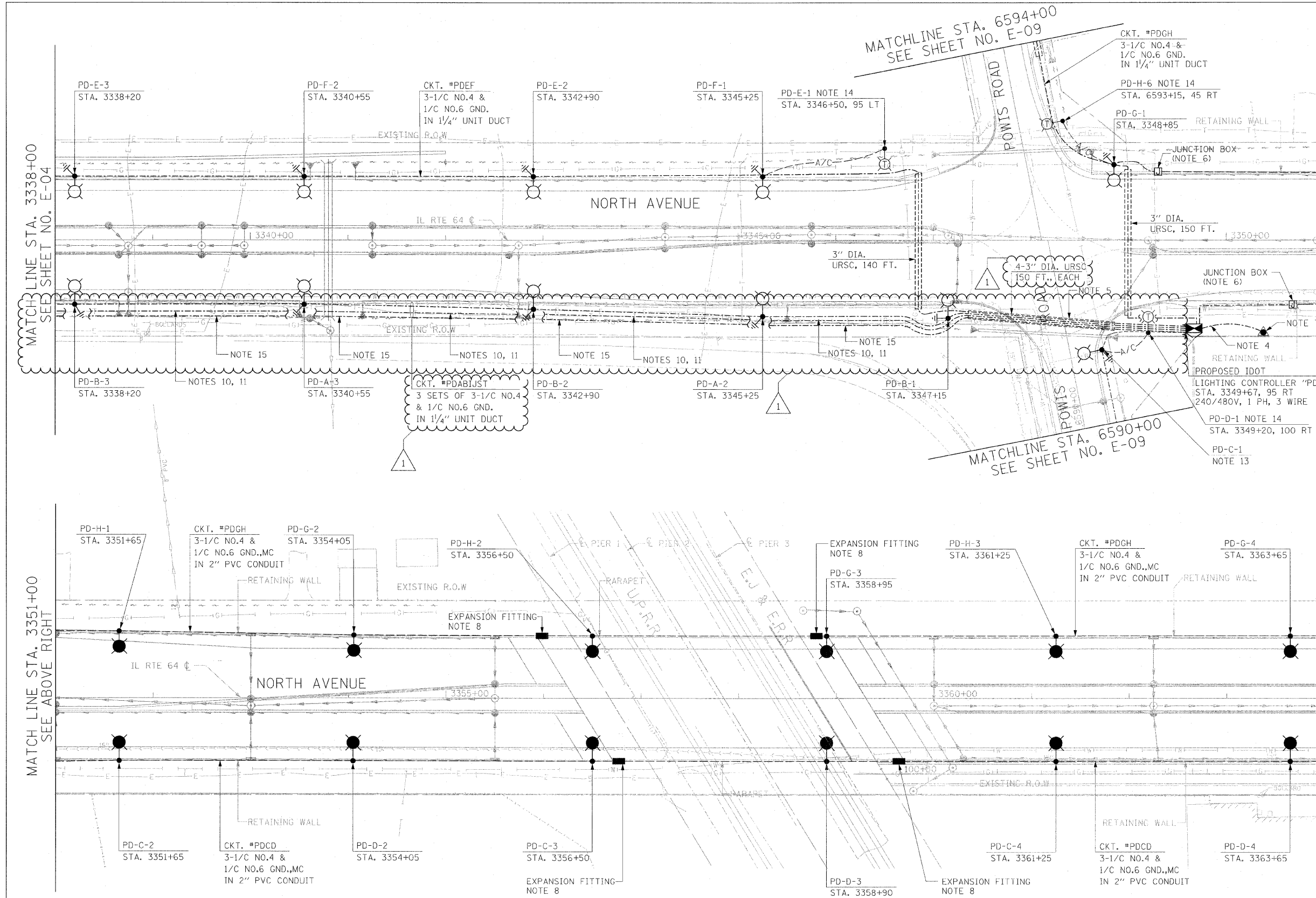
DRAWN BY: HR
 CHECKED BY: JPC

E-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	419
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		62410	

NOTES:

- SEE SHEET E-01 FOR ELECTRICAL SYMBOLS, CALL-OUT SAMPLES, ABBREVIATIONS AND GENERAL NOTES.
- NOT USED
- NOT USED
- PROVIDE 3-350 KCMIL TYPE USE IN 4" URSC FROM THE UTILITY POLE TO THE LIGHTING CONTROLLER CABINET. CONTRACTOR SHALL COORDINATE ALL WORK WITH COMED.
- INSTALL ONE 1/4" UNIT DUCT PER URSC UNDER ROADWAY.
- PROVIDE AN 18"X8"X8" NON-METALIC JUNCTION BOX EMBEDDED IN RETAINING WALL TO TRANSITION FROM UNIT DUCT IN TRENCH TO CONDUIT EMBEDDED IN RETAINING WALL. SEE DRAWING E-17 FOR DETAILS.
- PROPOSED COMED UTILITY POLE.
- PROVIDE AX/DX TYPE EXPANSION FITTINGS AT LOCATIONS NOTED. IN ADDITION PROVIDE DX TYPE DEFLECTION FITTINGS AT ALL 1/2" CORK FILLED EXPANSION JOINTS IN RETAINING WALL PARAPET. SEE STRUCTURAL DRAWINGS FOR LOCATION OF EXPANSION AND CONSTRUCTION JOINTS.
- THE TYPICAL LIGHT POLE SETBACK SHALL BE 15 FEET FROM EDGE OF PAVEMENT TO THE FACE OF LIGHT POLE.
- 3#4 & 1#6 GND. IN 1/4" UNIT DUCT FOR AVIATION OBSTRUCTION WARNING LUMINAIRE.
- THE UNIT DUCT FOR AVIATION OBSTRUCTION WARNING LUMINAIRE SHALL SWEEP AROUND THE LIGHT POLE FOUNDATION.
- IN LIGHTING CONTROLLER "PD" PROVIDE TWO 30 AMP, 1 POLE CIRCUIT BREAKERS FOR AVIATION OBSTRUCTION WARNING LUMINAIRE. THE BREAKERS MUST BE INSTALLED ON LINE SIDE OF MAIN BREAKER FOR CONTINUOUS OPERATION. SEE NOTE 2 ON SHEET E-14.
- LIGHT POLE SETBACK SHALL BE 3 FEET FROM BACK OF CURB TO FACE OF LIGHT POLE.
- TEMPORARY LIGHTING UNIT CONSISTING OF 60 FT. WOOD POLE, 15 FT. MAST ARM, 47.5 FOOT MOUNTING HEIGHT, AND 400 WATT, 240 VOLT HPS LUMINAIRE. SEE SHEET TL-03.
- THE UNIT DUCT FOR THE MEDIAN LIGHTING CIRCUITS SHALL SWEEP AROUND THE LIGHT POLE FOUNDATION.

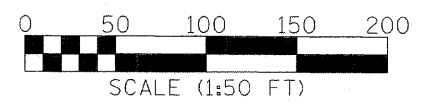


MATCH LINE STA. 3351+00
SEE ABOVE RIGHT

MATCH LINE STA. 3364+00
SEE SHEET NO. E-06

MATCHLINE STA. 6594+00
SEE SHEET NO. E-09

MATCHLINE STA. 6590+00
SEE SHEET NO. E-09



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

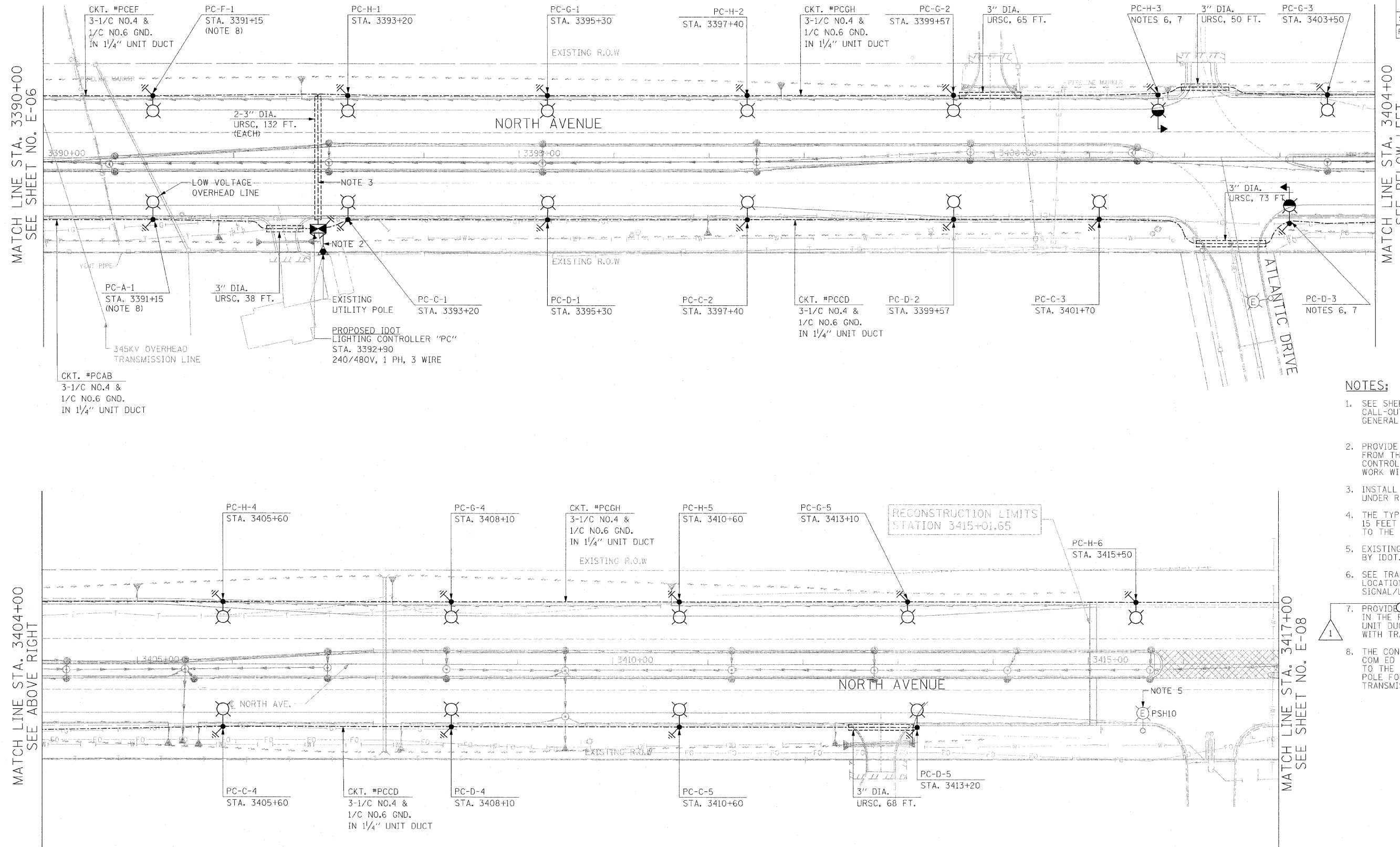
ROADWAY LIGHTING PLAN
 STA. 3338+00 TO STA. 3364+00

SCALE: 1" = 50'
 DATE: NOVEMBER 1, 2011

DRAWN BY: HR
 CHECKED BY: JPC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	421
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410



- NOTES:**
- SEE SHEET E-01 FOR ELECTRICAL SYMBOLS, CALL-OUT SAMPLES, ABBREVIATIONS AND GENERAL NOTES.
 - PROVIDE 3# 350 KCMIL TYPE USE IN 4" URSC FROM THE UTILITY POLE TO THE LIGHTING CONTROLLER CABINET. COORDINATE ALL WORK WITH COMED.
 - INSTALL ONE 1/4" UNIT DUCT PER URSC UNDER ROADWAY.
 - THE TYPICAL LIGHT POLE SETBACK SHALL BE 15 FEET FROM THE EDGE OF THE PAVEMENT TO THE FACE OF LIGHT POLE.
 - EXISTING LIGHTING UNIT OWNED AND OPERATED BY IDOT.
 - SEE TRAFFIC SIGNAL PLANS FOR THE EXACT LOCATIONS OF COMBINATION TRAFFIC SIGNAL/LIGHT POLES.
 - PROVIDE 4" PVC CONDUIT SLEEVES IN THE POLE FOUNDATION FOR LIGHTING UNIT DUCTS. COORDINATE ALL WORK WITH TRAFFIC SIGNAL INSTALLATION.
 - THE CONTRACTOR SHALL CONTACT COM ED AND OBTAIN APPROVAL PRIOR TO THE INSTALLATION OF LIGHT POLE FOUNDATIONS NEAR THE TRANSMISSION LINES.



REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

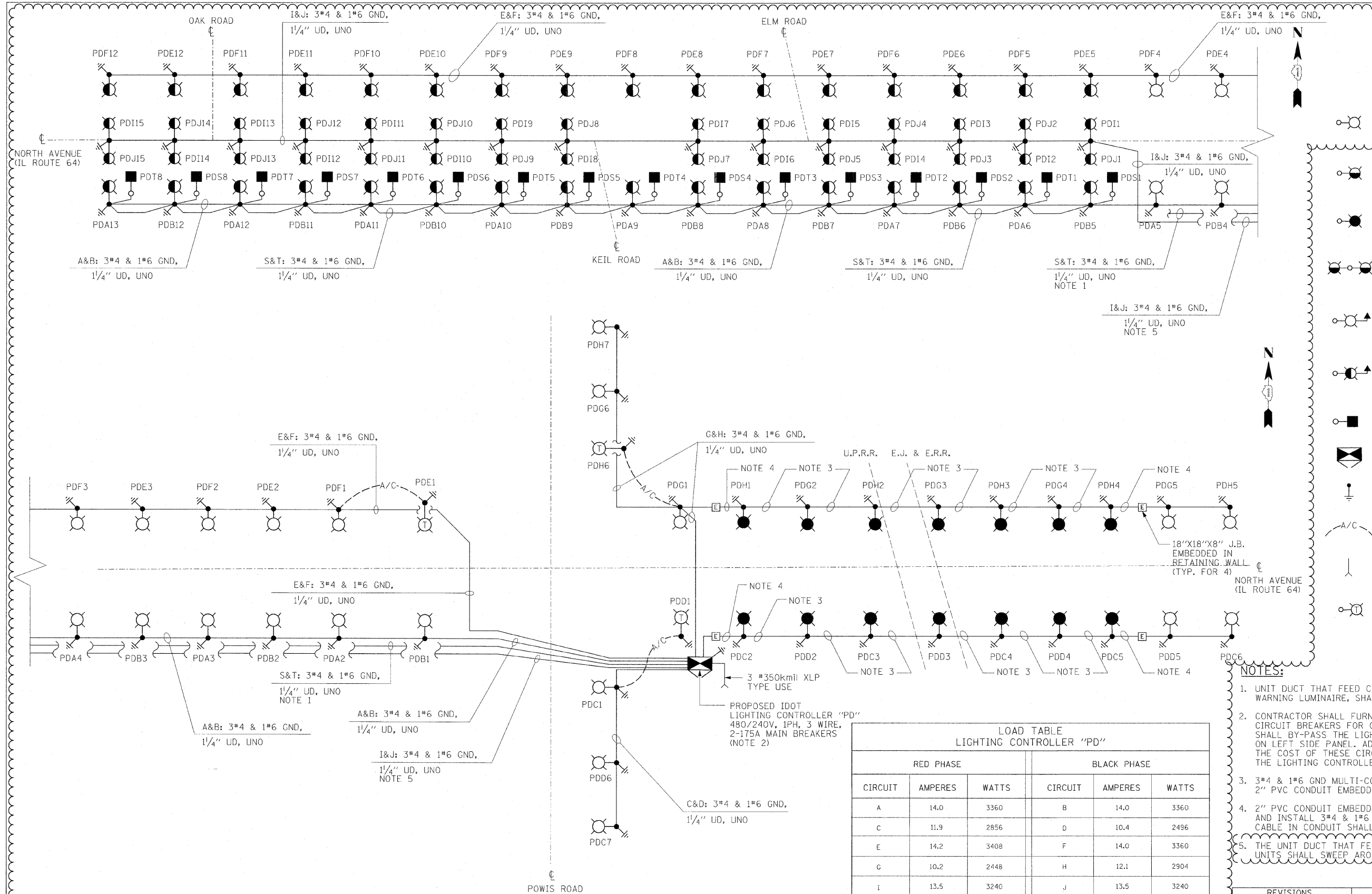
ROADWAY LIGHTING PLAN
 STA. 3390+00 TO STA. 3417+00

SCALE: 1" = 50'
 DATE: NOVEMBER 1, 2011

DRAWN BY: HR
 CHECKED BY: JPC

E-07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	428
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	62410			



- LEGEND**
- LIGHTING UNIT:
47.5 FT. M.H., 15 FT. M.A.,
310W HPS M-C-III LUMINAIRE,
9" BREAKAWAY TRANSFORMER BASE
 - LIGHTING UNIT:
20 FT. M.H., 6 FT. M.A.,
150W HPS M-C-III LUMINAIRE,
9" BREAKAWAY TRANSFORMER BASE
 - PARAPET WALL LIGHTING UNIT:
45 FT. M.H., 15 FT. M.A.,
310W HPS M-C-III LUMINAIRE
 - TWIN LIGHTING UNIT:
20 FT. M.H., TWIN 6 FT. M.A.,
150W HPS M-C-III LUMINAIRE,
9" BREAKAWAY TRANSFORMER BASE
 - COMBINATION TRAFFIC SIGNAL AND
LUMINAIRE LIGHTING SIGNAL:
45 FT. M.H., 15 FT. M.A.,
400W HPS M-C-III LUMINAIRE
 - COMBINATION TRAFFIC SIGNAL AND
LUMINAIRE LIGHTING SIGNAL:
45 FT. M.H., 15 FT. M.A.,
310W HPS M-C-III LUMINAIRE
 - AVIATION OBSTRUCTION
WARNING LUMINAIRE
 - LIGHTING CONTROLLER CABINET
 - GROUND ROD
 - AERIAL CABLE, 3-1/C #4
WITH MESSENGER WIRE,
UNLESS OTHERWISE NOTED
 - ELECTRIC UTILITY SERVICE
 - TEMPORARY LIGHTING UNIT
60 FT. WOOD POLE, 15 FT. MAST ARM
47.5 FOOT MOUNTING HEIGHT
400 W HPS LUMINAIRE

- NOTES:**
1. UNIT DUCT THAT FEED CIRCUITS S AND T, OBSTRUCTION WARNING LUMINAIRE, SHALL SWEEP AROUND POLE FOUNDATION.
 2. CONTRACTOR SHALL FURNISH AND INSTALL TWO 30 AMP, 1 POLE, CIRCUIT BREAKERS FOR CIRCUITS S AND T. EACH CIRCUIT BREAKER SHALL BY-PASS THE LIGHTING CONTACTOR. INSTALL CIRCUIT BREAKERS ON LEFT SIDE PANEL. ADJACENT TO AUTO-MANUAL SWITCH (ITEM O) THE COST OF THESE CIRCUIT BREAKERS SHALL BE INCLUDED IN THE LIGHTING CONTROLLER CABINET PAY ITEM.
 3. 3*4 & 1*6 GND MULTI-CONDUCTOR TYPE TC CABLE IN 2" PVC CONDUIT EMBEDDED IN RETAINING WALL.
 4. 2" PVC CONDUIT EMBEDDED IN RETAINING WALL. REMOVE UNIT DUCT AND INSTALL 3*4 & 1*6 IN CONDUIT TO FIRST LIGHT POLE ON WALL. CABLE IN CONDUIT SHALL BE PAID AS UNIT DUCT.
 5. THE UNIT DUCT THAT FEED CIRCUITS I AND J FOR THE MEDIAN LIGHTING UNITS SHALL SWEEP AROUND POLE FOUNDATION.

**LOAD TABLE
LIGHTING CONTROLLER "PD"**

CIRCUIT	RED PHASE		BLACK PHASE		WATTS
	AMPERES	WATTS	CIRCUIT	AMPERES	
A	14.0	3360	B	14.0	3360
C	11.9	2856	D	10.4	2496
E	14.2	3408	F	14.0	3360
G	10.2	2448	H	12.1	2904
I	13.5	3240	J	13.5	3240
K	-	-	L	-	-
M	-	-	N	-	-
O	-	-	P	-	-
S	0.2	48	T	0.2	48

TOTAL LOAD=30,768 WATTS

SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "PD"
NOT TO SCALE

REVISIONS

NAME	DATE
ADDENDUM NO. 1	12/23/11

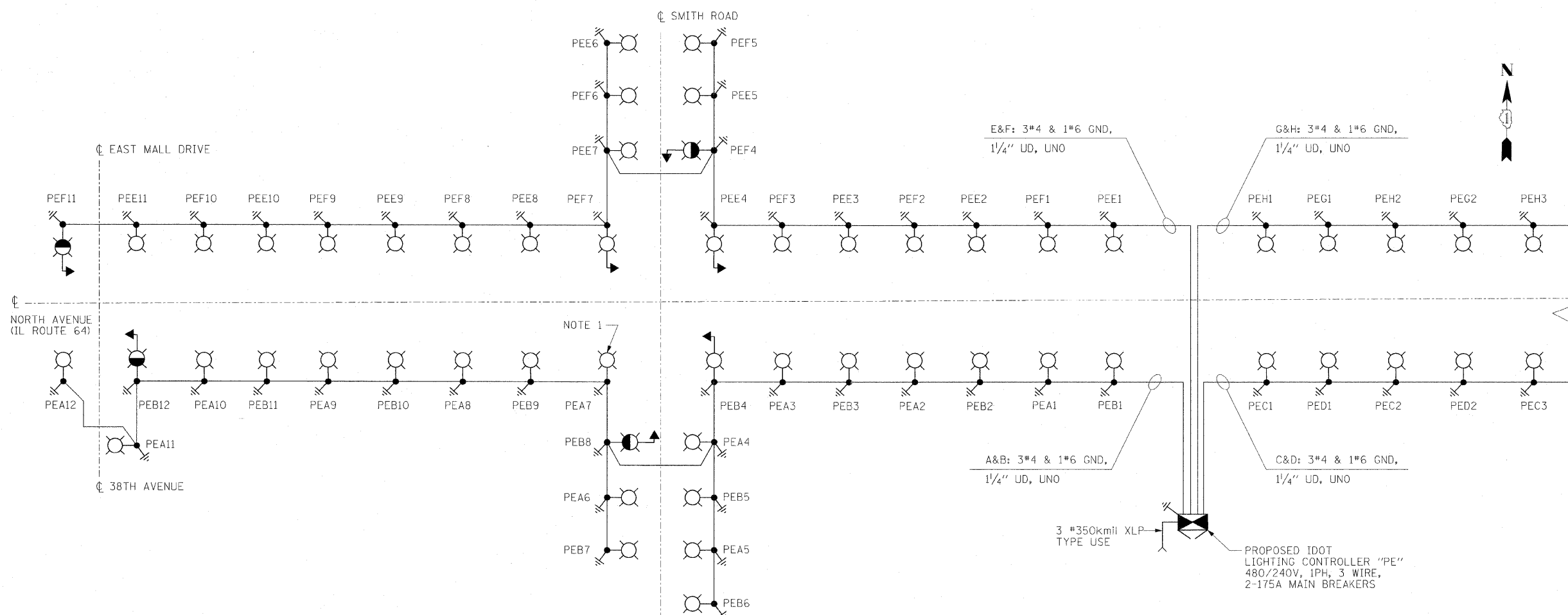
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "PD"

SCALE: NONE
DATE: NOVEMBER 1, 2011
DRAWN BY: HR
CHECKED BY: JPC



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	429
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		62410	



LEGEND

- LIGHTING UNIT:
47.5 FT. M.H., 15 FT. M.A.,
310W HPS M-C-III LUMINAIRE, UNO,
9" BREAKAWAY TRANSFORMER BASE
- COMBINATION TRAFFIC SIGNAL AND
LUMINAIRE LIGHTING UNIT:
45 FT. M.H., 15 FT. M.A.,
400W HPS M-C-III LUMINAIRE
- COMBINATION TRAFFIC SIGNAL AND
LUMINAIRE LIGHTING UNIT:
45 FT. M.H., 15 FT. M.A.,
310W HPS M-C-III LUMINAIRE
- LIGHTING CONTROLLER CABINET
- GROUND ROD
- ELECTRIC UTILITY SERVICE

NOTES

1. LUMINAIRE SHALL BE 400W HPS.

**SINGLE LINE DIAGRAM
 LIGHTING CONTROLLER "PE"**
 NOT TO SCALE

RED PHASE			BLACK PHASE		
CIRCUIT	AMPERES	WATTS	CIRCUIT	AMPERES	WATTS
A	20.6	4944	B	20.6	4944
C	8.7	2088	D	10.6	2544
E	18.9	4536	F	18.9	4536
G	8.7	2088	H	10.6	2544
I	-	-	J	-	-
K	-	-	L	-	-
M	-	-	N	-	-
O	-	-	P	-	-
TOTAL LOAD=28,224 WATTS					

REVISIONS	
NAME	DATE
ADDENDUM NO. 1	12/23/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

**SINGLE LINE DIAGRAM
 LIGHTING CONTROLLER "PE"**

SCALE: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: HR
 CHECKED BY: JPC

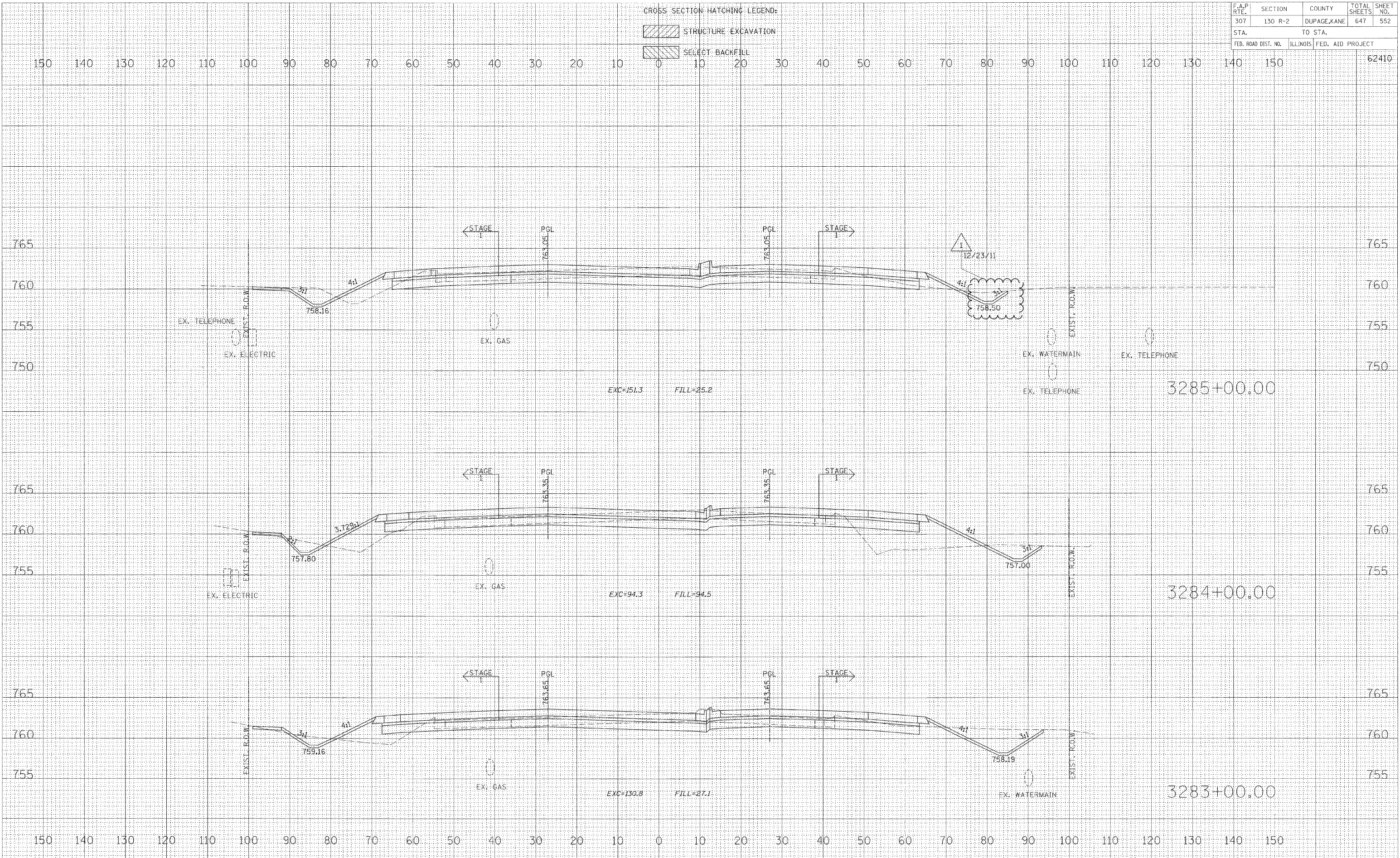


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	552
STA.		TO STA.		62410'
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CROSS SECTION HATCHING LEGEND:

STRUCTURE EXCAVATION

SELECT BACKFILL





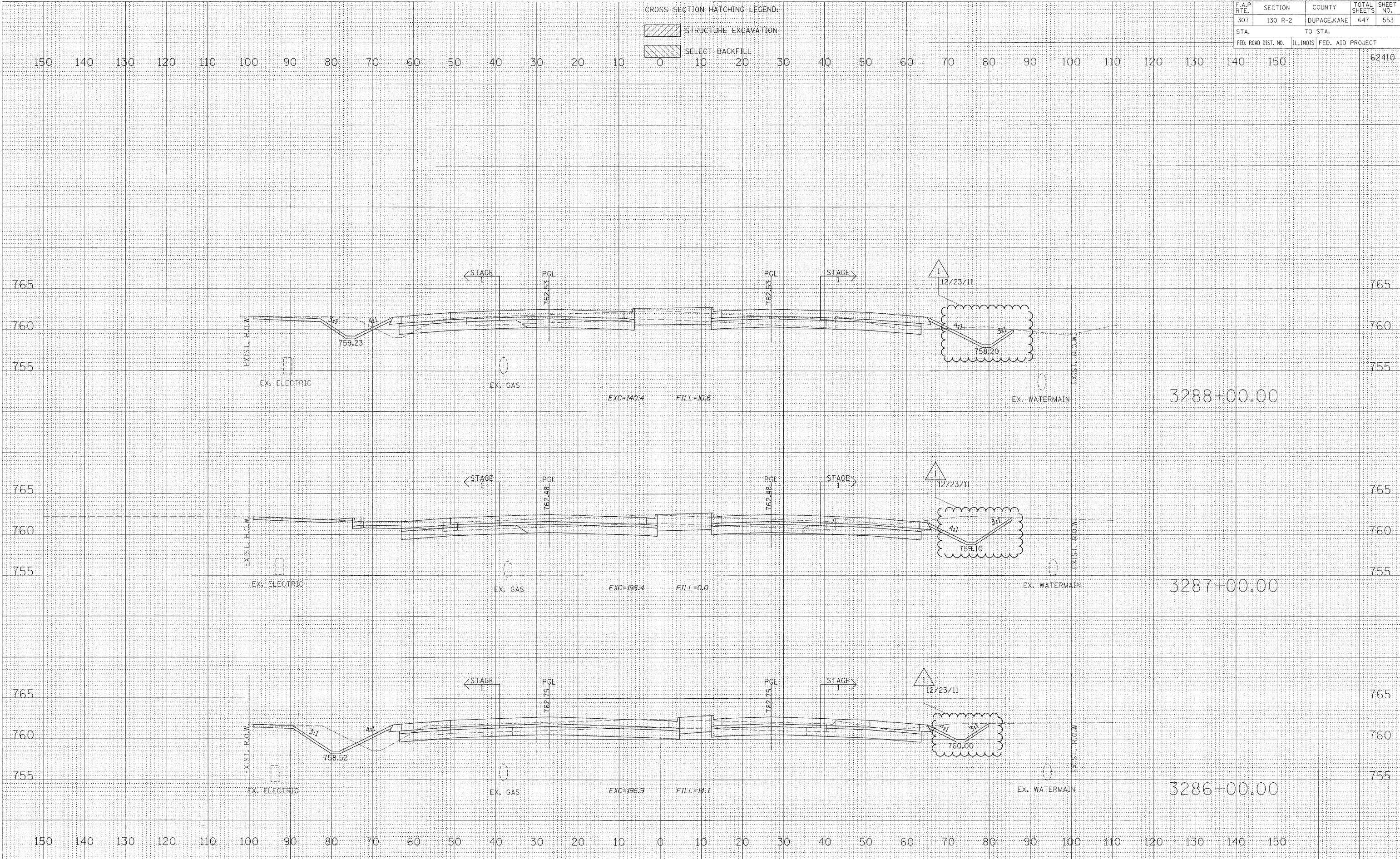
DATE	BY

DATE	BY

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	553
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GROSS SECTION HATCHING LEGEND:

-  STRUCTURE EXCAVATION
-  SELECT BACKFILL

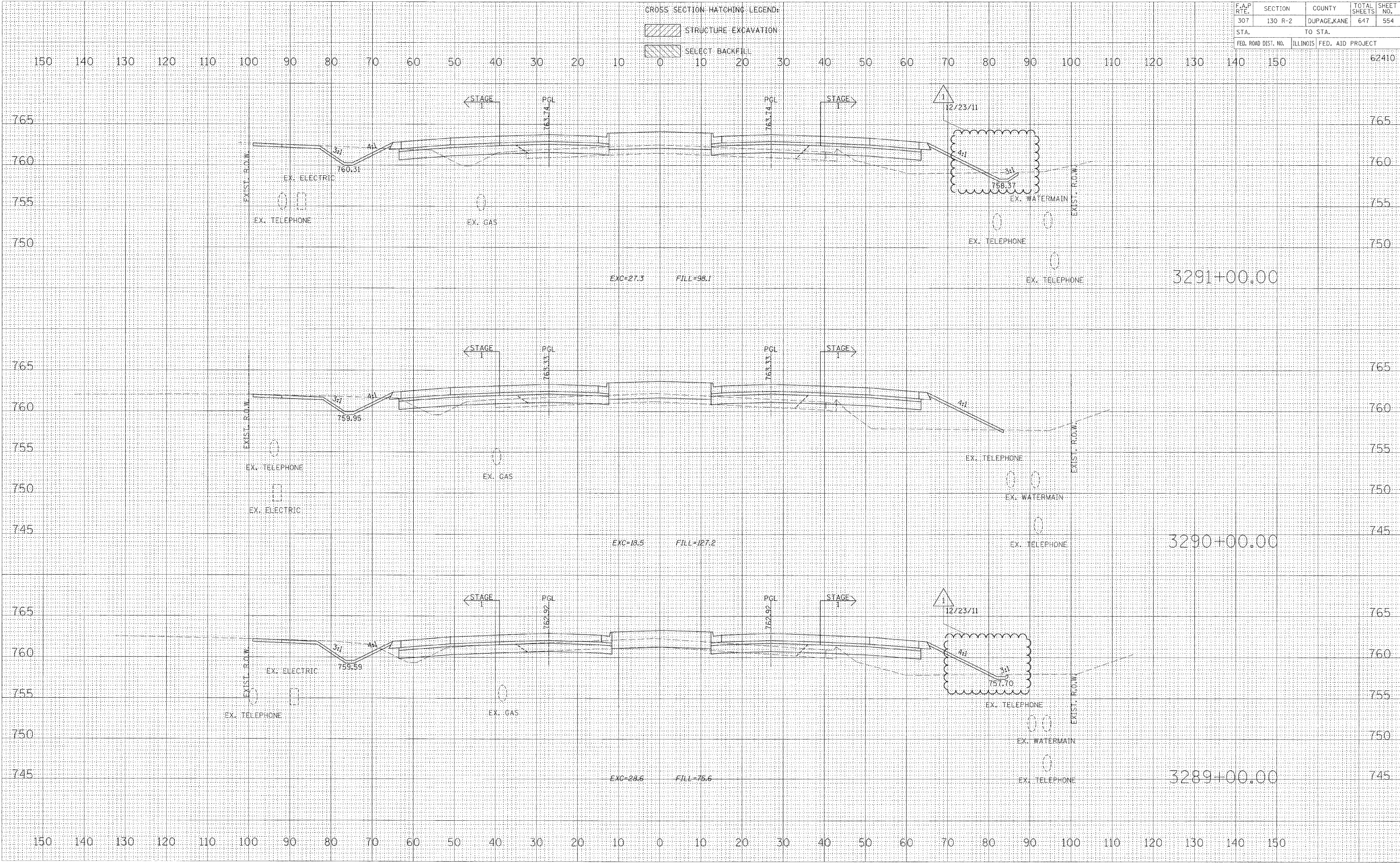
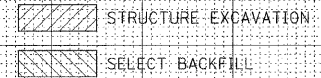


DATE	BY

DATE	BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	554
STA. TO STA.		ILLINOIS FED. AID PROJECT		
		62410		

CROSS SECTION HATCHING LEGEND:



DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



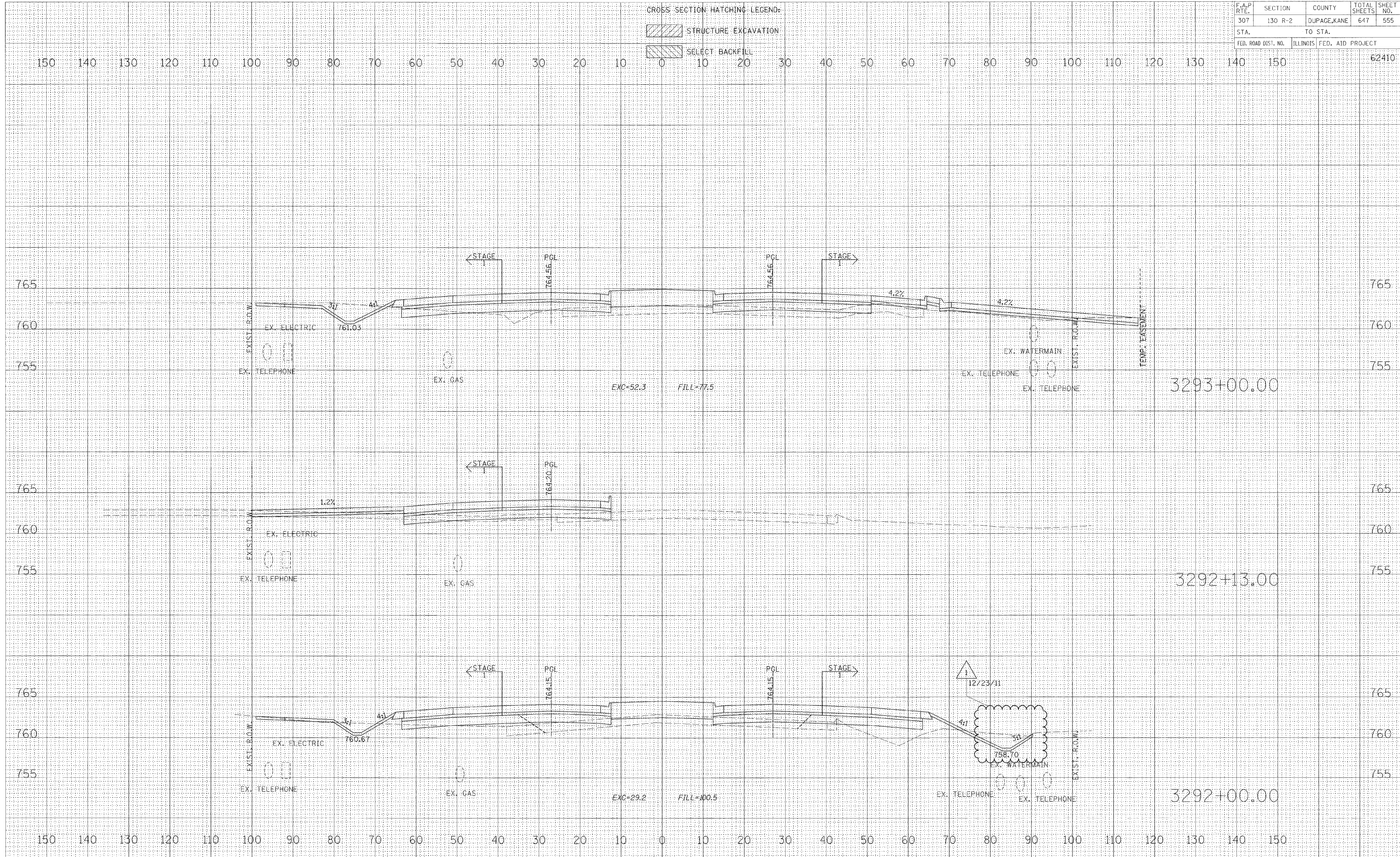
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	555
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CROSS SECTION HATCHING LEGEND:



- STRUCTURE EXCAVATION
- SELECT BACKFILL

DATE	BY

DATE	BY

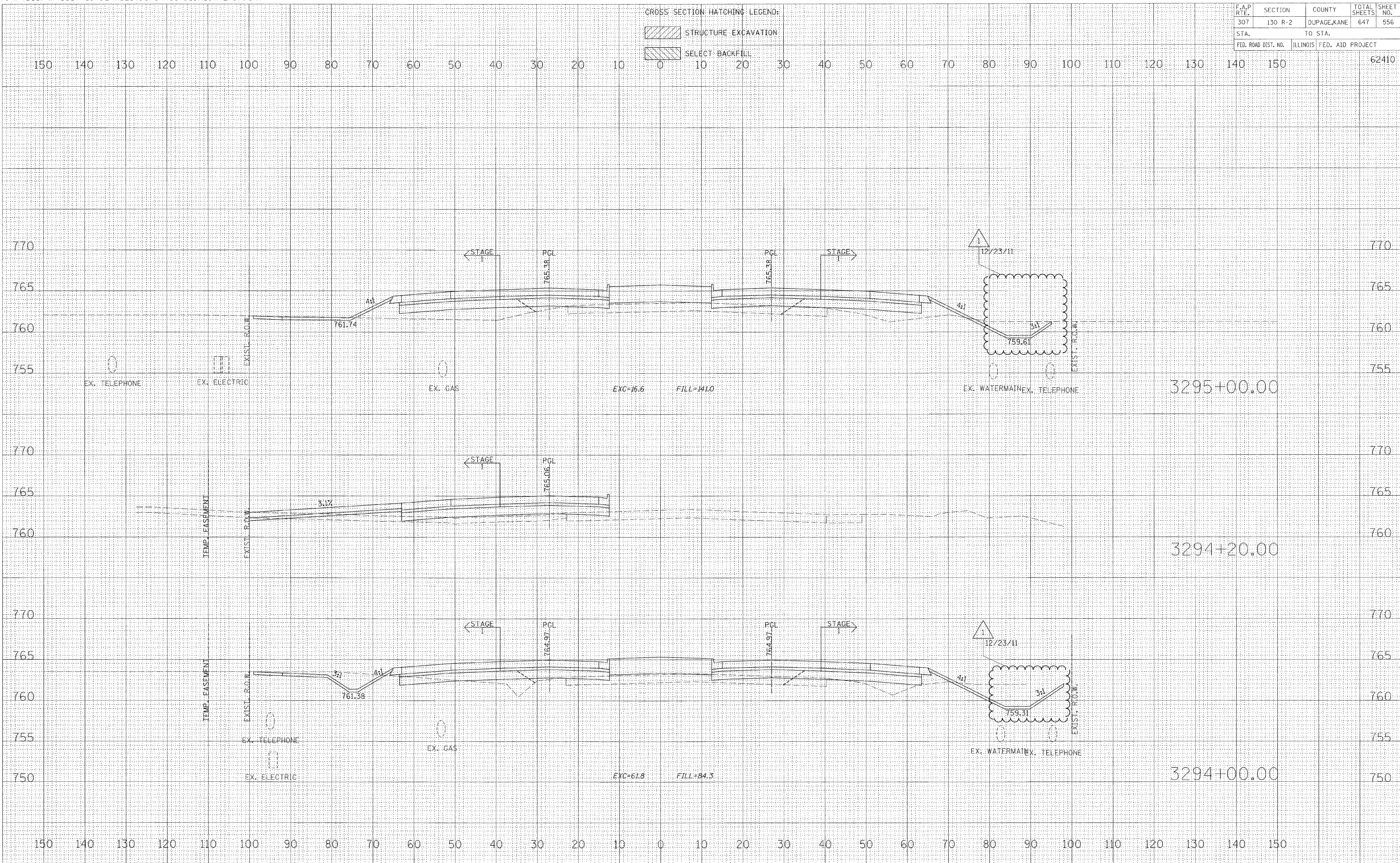


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	556
STA. TO STA.		ILLINOIS FED. AID PROJECT		
		62410		



CROSS SECTION HATCHING LEGEND:
 STRUCTURE EXCAVATION
 SELECT BACKFILL

DATE	
BY	
NO.	
FINAL SURVEY	
SURVEY	
PLOTTED	
DATE	
NO. BOOK	
DATE	
AREAS CHECKED	

DATE	
BY	
NO.	
PRELIM SURVEY	
SURVEY	
PLOTTED	
DATE	
NO. BOOK	
DATE	
AREAS CHECKED	

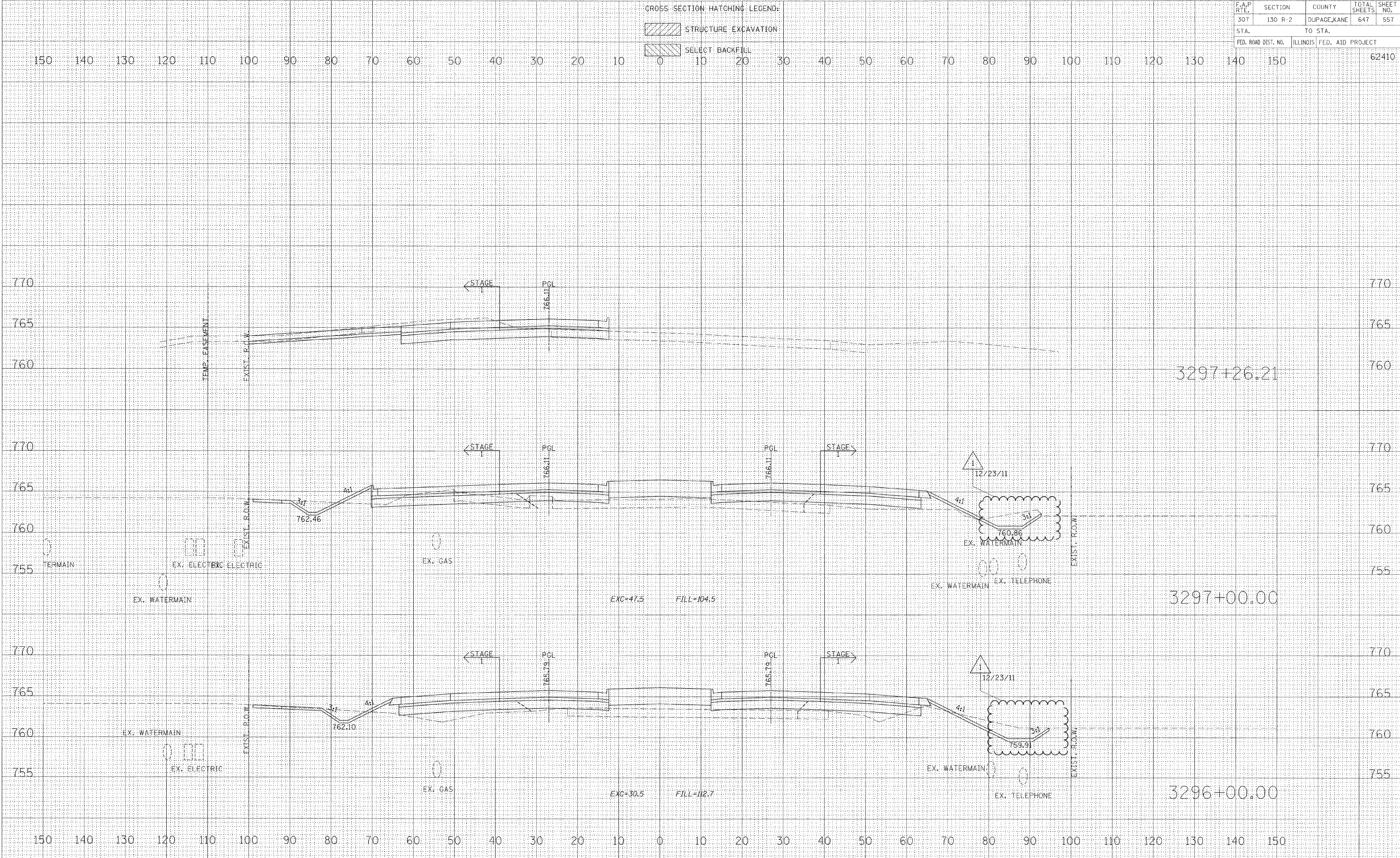


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	557
STA. TO STA.		FED. AID PROJECT		
		ILLINOIS		
		62410		

GROSS SECTION HATCHING LEGEND:
 STRUCTURE EXCAVATION
 SELECT BACKFILL

DATE
 BY
 SURVEYED
 PLOTTED
 NOTE BOOK
 NO.

DATE
 BY
 SURVEYED
 PLOTTED
 NOTE BOOK
 NO.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	573
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

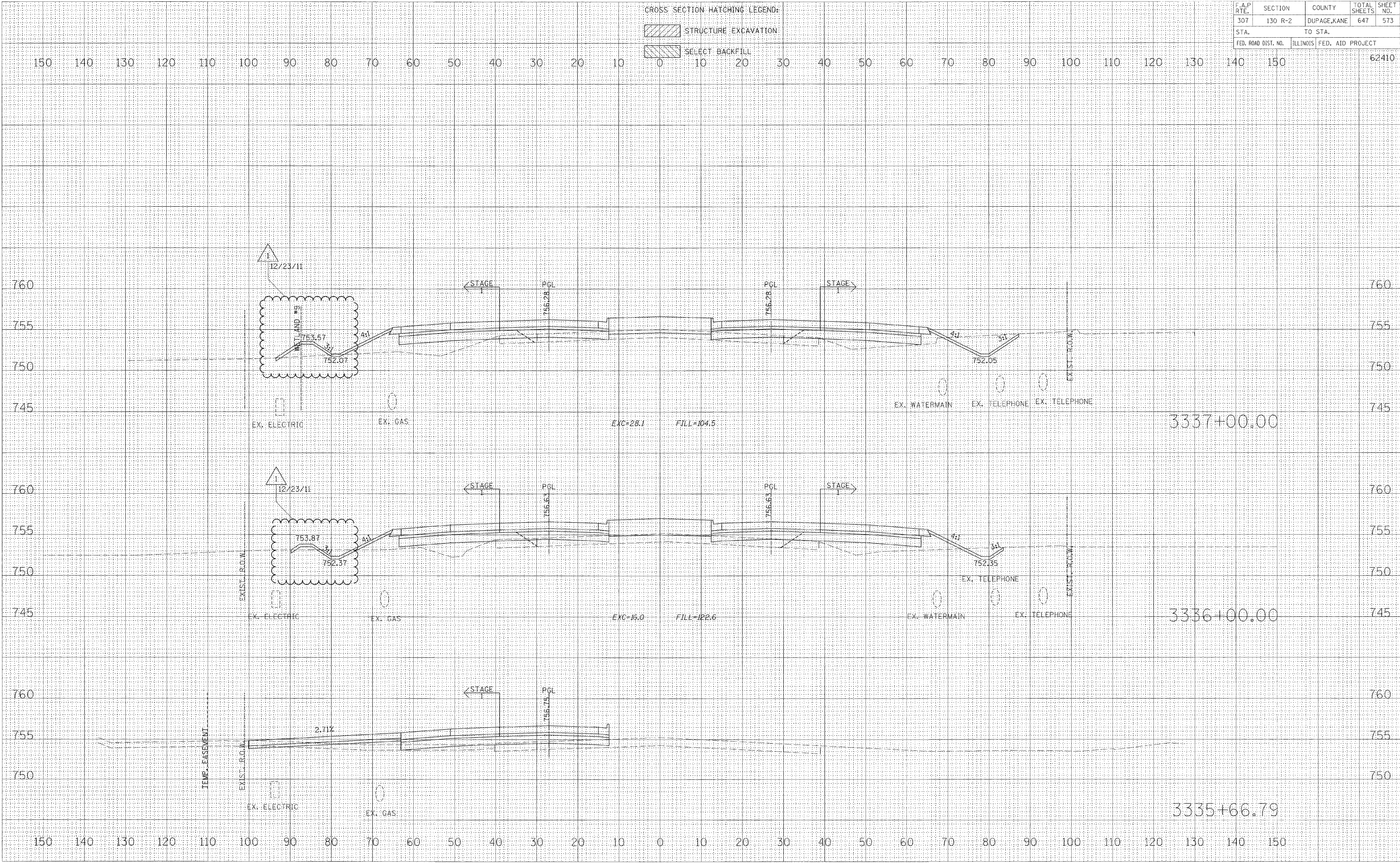
CROSS SECTION HATCHING LEGEND:

- STRUCTURE EXCAVATION
- SELECT BACKFILL

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 62410

DATE	BY

DATE	BY



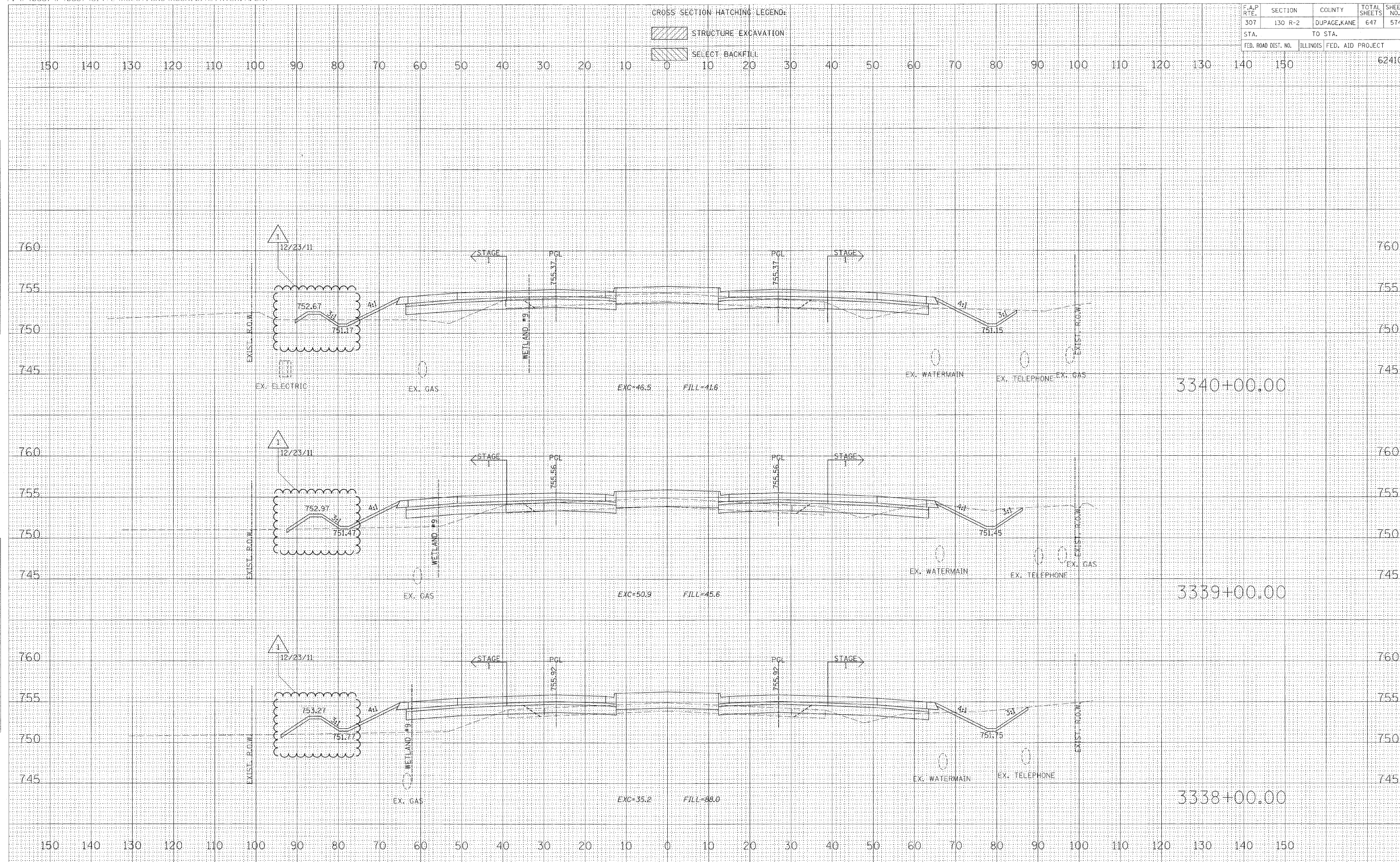
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	574
STA.	TO STA.			62410
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CROSS SECTION HATCHING LEGEND:

- STRUCTURE EXCAVATION
- SELECT BACKFILL

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



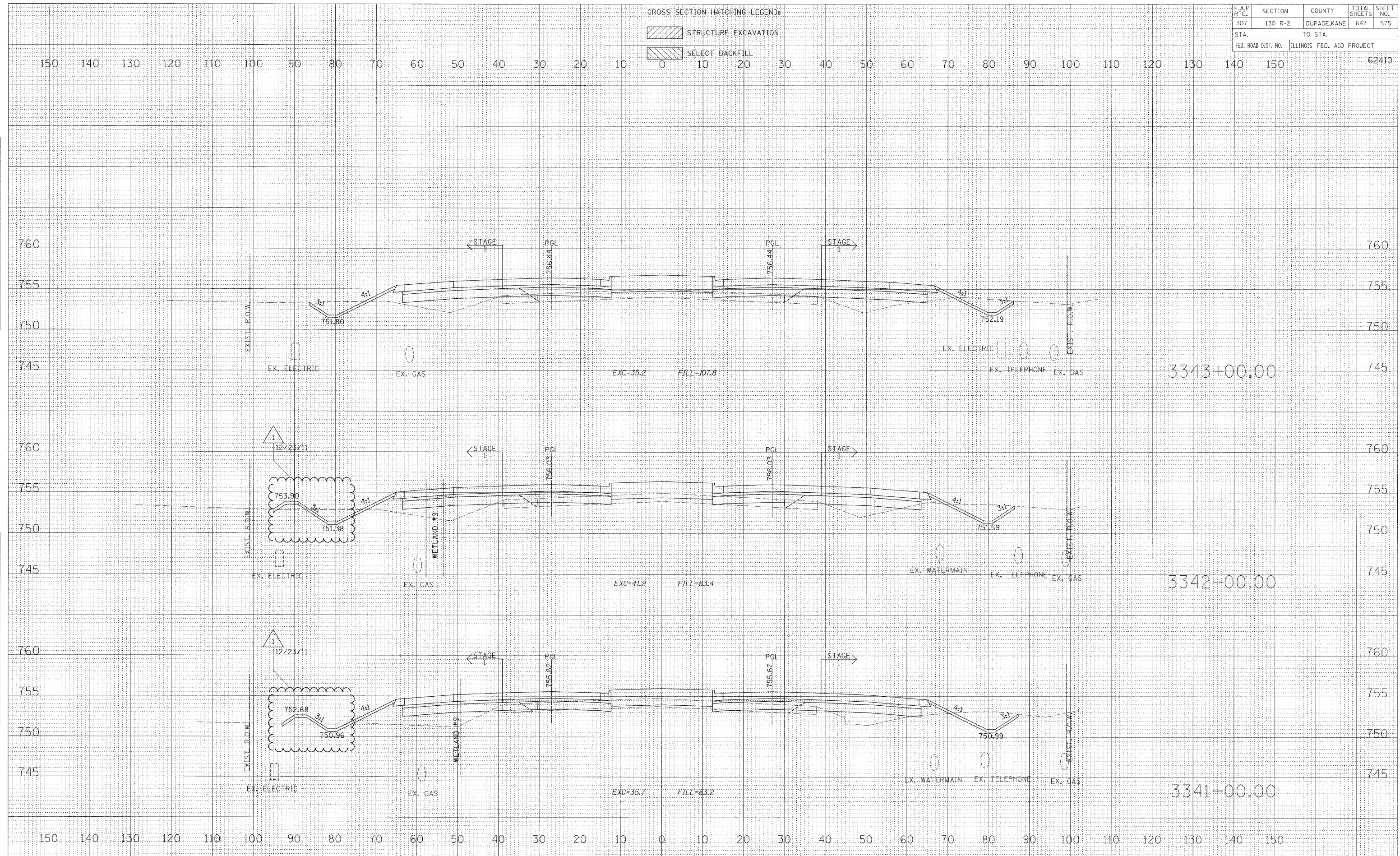
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	575
STA. TO STA.		ILLINOIS FED. AID PROJECT		62410

GROSS SECTION HATCHING LEGEND:

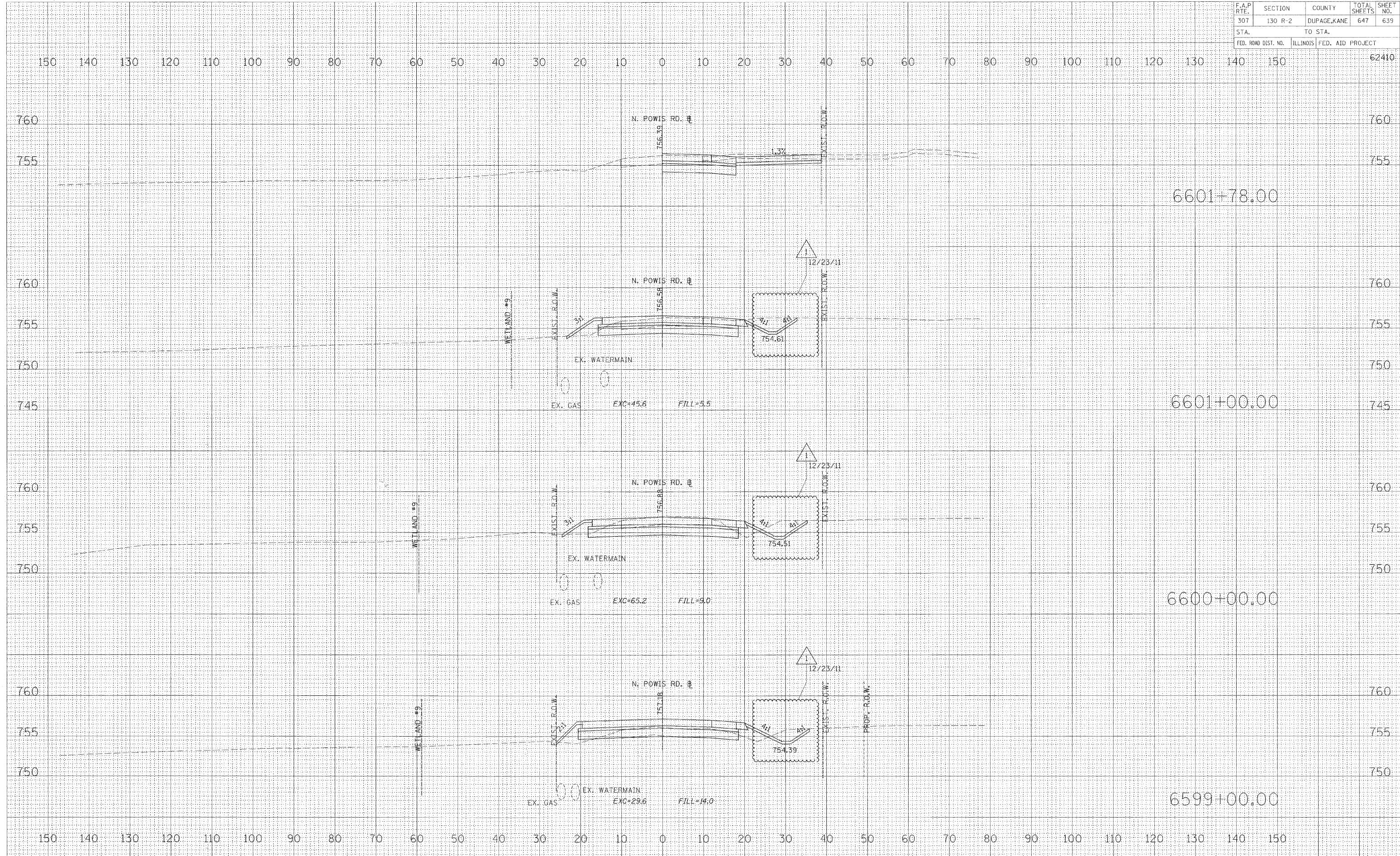
- STRUCTURE EXCAVATION
- SELECT BACKFILL

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK NO.: _____
 AREAS CHECKED: _____

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK NO.: _____
 AREAS CHECKED: _____



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	639
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	