

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	28X-2RS-3 & (28X-1)RS-6	CHAMPAIGN	173	1
		ILLINOIS	CONTRACT NO. 70A10	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEETS 4 TO 14

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 800 (us 45)
SECTION (28X-2)RS-3 & (28X-1)RS-6
PROJECT NHPP-74T6(949)
RESURFACING (3P) ADA IMPROVEMENTS
N OF I-74 TO UNIVERSITY AVE
CHAMPAIGN COUNTY

C-95-038-12

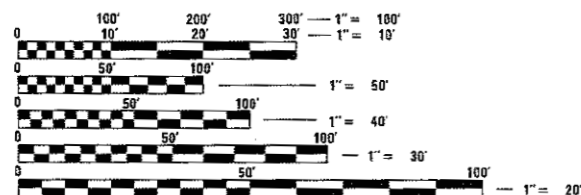
D-95-038-12



CURRENT ADT
OTHER PRINCIPAL ARTERIAL
FAP 800 (US 45)

LEG "A"	ADT(2015) = 12,800	SU = 3.9%	MU = 2.5%
LEG "B"	ADT(2015) = 17,600	SU = 4.9%	MU = 3.1%
LEG "C"	ADT(2015) = 21,100	SU = 3.3%	MU = 2.0%
LEG "D"	ADT(2015) = 20,600	SU = 3.6%	MU = 2.3%
LEG "E"	ADT(2015) = 21,600	SU = 2.5%	MU = 1.8%
LEG "F"	ADT(2015) = 23,300	SU = 3.6%	MU = 2.0%

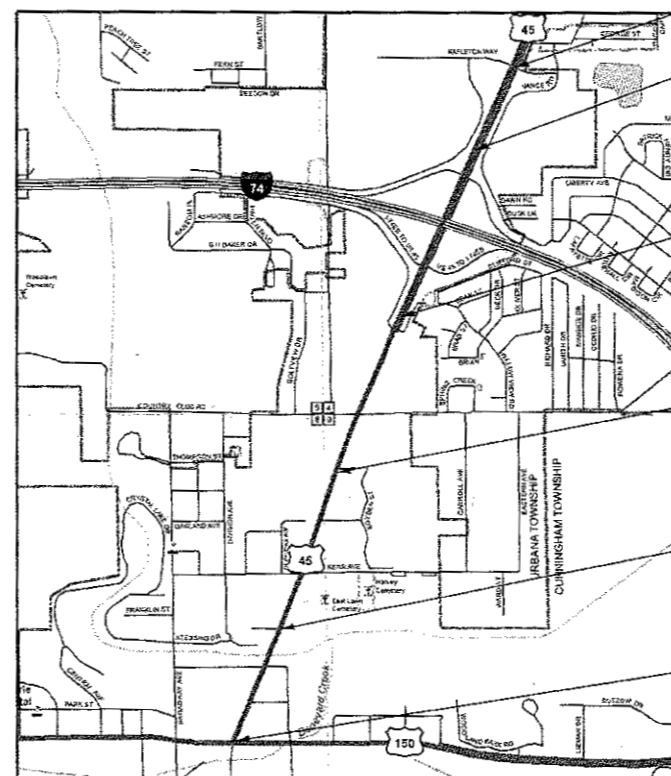
LEG "A" IS US 45 FROM AIRPORT RD. TO NAPLETON WAY
LEG "B" IS US 45 FROM NAPLETON WAY TO I-74
LEG "C" IS US 45 FROM I-74 TO KENYON RD.
LEG "D" IS US 45 FROM KENYON RD. TO PERKINS RD.
LEG "E" IS US 45 FROM PERKINS RD. TO KERR AVE.
LEG "F" IS US 45 FROM KERR AVE. TO UNIVERSITY AVE.



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
OR 811

PROJECT ENGINEER: NANCY FASIG
SQUAD LEADER: STEVE COOMBES
DESIGNER: STEVE COOMBES
CONTRACT NO. 70A10



END PROJECT - NAPLETON WAY
STA. 58+40.00

END RESURFACING
STA. 49+00.00

STATION EQUATION:
STA. 126+49.87 (BK) =
STA. 26+50.00 (AH)

STATION EQUATION:
STA. 304+41.63 (BK) =
STA. 104+44.80 (AH)

STATION EQUATION:
STA. 284+12.82 (BK) =
STA. 284+10.97 (AH)

BEGIN PROJECT - UNIVERSITY AVE.
STA. 270+65.00

GROSS LENGTH = 7,964.3 FT. = 1.508 MILE
NET LENGTH = 7,964.3 FT. = 1.508 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *December 14 2017*

Steve Coombes
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Feb 2 2018

Steve Coombes
ENGINEER OF DESIGN AND ENVIRONMENT

Feb 2 2018

Paul P.
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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LIST OF HIGHWAY STANDARDS

STANDARD	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION.
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION.
602401-04	MANHOLE TYPE A
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
667101-02	PERMANENT SURVEY MARKERS
701101-05	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
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
836001-03	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
881101-02	LUMINAIRE WIRING IN POLE

FILE NAME =	USER NAME = cee-lockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\N\084EBIDINTEG..Illinois.gov\PI001\Documents\DOT Offices\District 5\Projects\0579\0579\0579\0579\Design\0579\10-shr-gemote.d	DRAWN	CHECKED -	REVISED -			800	28X-2RS-3 & 28X-1RS-6	CHAMPAIGN	173	2	
#MODELNAME#	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -			CONTRACT NO. 70A10					
PLOT DATE = 12/14/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET OF SHEETS STA. TO STA.					

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

GN 105.07C
EXISTING STATE-OWNED AND MAINTAINED UNDERGROUND UTILITY FACILITIES EXIST WITHIN THE ROW. THE DEPARTMENT IS NOT A MEMBER OF JULIE AND DOES NOT LOCATE ITS OWN FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE AT THEIR OWN EXPENSE FOR SECURING AN APPROVED LOCATING FIRM TO LOCATE ALL EXISTING IDOT UNDERGROUND FACILITIES PRIOR TO COMMENCING ANY EXCAVATION, PER THE REQUIREMENTS OF ARTICLE 803 OF THE STANDARD SPECIFICATIONS. UTILITY LOCATES MAY ALSO BE REQUIRED OUTSIDE THE PROJECT LIMITS, SUCH AS FOR TRAFFIC CONTROL SIGNING AND OTHER ITEMS. THE CONTRACTOR MAY OBTAIN, ON REQUEST, PLANS OF EXISTING ELECTRICAL FACILITIES FROM THE DEPARTMENT. FOR FURTHER INFORMATION, THE CONTRACTOR MAY CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER, GARY SIMS, AT 217-251-4859.

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR LOCATING AND PROVIDING PROTECTION FOR FACILITIES DURING ALL PHASES OF CONSTRUCTION. IF, AT ANY TIME, THE FACILITIES ARE DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT AND MAKE ALL NECESSARY ARRANGEMENTS FOR REPAIR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-107.37
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.

G.N.-202
GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED

G.N.-250C
SEEDING, CLASS 7 AND MULCH, METHOD 2 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

G.N.-280
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION.

AT THE TIME OF THEIR COMPLETION.

G.N.-280A
THE VARIOUS MULCH PAY ITEMS IN THE PLANS INCLUDE QUANTITIES FOR TEMPORARY MULCH FOR EROSION CONTROL. THE TEMPORARY MULCH INCLUDES MAINTENANCE AND REMOVAL IF NECESSARY, PER THE REQUIREMENTS OF ARTICLE 280 OF THE STANDARD SPECIFICATIONS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SOME OR ALL OF THE MULCH USED AS TEMPORARY EROSION CONTROL WILL BE DELETED IF IT IS NOT NECESSARY DUE TO ESTABLISHMENT OF PERMANENT SEEDING.

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406.10
FOR MULTILANE RESURFACING

WHEN BEGINNING THE RESURFACING WITH NEW MIXTURES FOR LEVELING BINDER, BINDER COURSE, AND SURFACE COURSE MIXTURES, THE WORK WILL BE CONFINED TO THE INSIDE TRAFFIC LANE (PASSING LANE) FIRST. THE WORK WILL REMAIN ON THE INSIDE LANE UNTIL THE MIX HAS BEEN ADJUSTED AND APPROVED BY THE ENGINEER BEFORE ANY RESURFACING IS ALLOWED ON THE OUTSIDE (DRIVING) TRAFFIC LANE(S).

ANY DELAYS OR INCONVENIENCES CAUSED THE CONTRACTOR IN COMPLYING WITH THIS REQUIREMENT WILL BE CONSIDERED INCIDENTAL TO THE VARIOUS HOT-MIX ASPHALT PAY ITEMS, AS SHOWN IN THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-406H
MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	FAP 800 / US 45 (Cunningham Ave)	FAP 800 / US 45 (Cunningham Ave)	FAP 800 / US 45 (Cunningham Ave)	FAP 800 / US 45 (Cunningham Ave)
Mixture Use	Poly HMA Surface	Poly Level Binder (Machine Method)	Partial Depth & Class D Patch	Incidental
AC/PG	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22
Design Air Voids	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
Mix Comp(Gradation)	IL 9.5	IL 9.5 FG	IL 19.0	IL 9.5
Friction Aggregate	Mix D	N.A.	N.A.	Mix C
Mixture Weight	112	112	112	112
Quality Management Program	QCP	QCP	QC/QA	QC/QA
Sublot Size	1000	1000	N.A.	N.A.

G.N.-440B
THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-440L
THE HMA BEING MILLED FROM THIS PROJECT CONTAINS STEEL SLAG COARSE AGGREGATE. THIS RECYCLED ASPHALT PAVEMENT (RAP) MATERIAL WILL BE REQUIRED TO BE STOCKPILED SEPARATELY FROM OTHER RAP STOCKPILES. TESTING PER THE CURRENT REQUIREMENTS IN THE MANUAL OF TEST PROCEDURES FOR MATERIALS FOR DETERMINATION OF RAP AGGREGATE BULK

INTO ANY FUTURE HMA PROJECTS

G.N.- 442B - PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF THE FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.- 542
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT PIPE LENGTHS.

G.N.- 542.07
AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALLS WILL NOT BE ALLOWED.

G.N.- 550
BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.- 667
THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.

G.N.- 703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.- 781
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001 AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS, AND THE RAISED REFLECTIVE PAVEMENT MARKER SHALL BE PLACED MIDWAY IN THE 30 FOOT (9m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N.- 886
EXISTING DETECTOR LOOPS IN THE AREAS OF PROPOSED SURFACE REMOVAL SHALL BE REPLACED PER THE EXISTING SIZE AND LOCATION EXCEPT AS NOTED IN THE PLANS. EXISTING DETECTOR LOOPS SHALL BE DISCONNECTED AT THE GULFBOX JUNCTION OR HANDHOLE PRIOR TO COLD MILLING AT THAT RESPECTIVE LOCATION. NEW DETECTOR LOOPS SHALL BE CONNECTED TO THE RESPECTIVE EXISTING AMPLIFIER. IN GENERAL, ADVANCED DETECTOR LOOPS FOR DILEMMA ZONE PROTECTION LOCATED AT THE SAME STATION SHALL BE GROUPED TOGETHER ON A COMMON AMPLIFIER AND PRESENCE LOOPS SHALL BE GROUPED BY LANE ON A COMMON AMPLIFIER UNLESS OTHERWISE NOTED IN THE PLANS.

EXISTING LOOPS NOT SHOWN TO BE REPLACED SHALL BE DISCONNECTED AT THE DETECTOR AMPLIFIER IN THE CABINET BEFORE BEING DISCONNECTED AT THE GULFBOX JUNCTION OR HANDHOLE.

WHERE IT IS NECESSARY TO INSTALL MORE THAN ONE LOOP HOMERUN IN A CONDUIT, HOMERUNS SHARING THE SAME CONDUIT SHALL BE ON A COMMON AMPLIFIER.

G.N.- Z0038
AN ALUMINUM TABLET OF THE TYPE SHOWN ON STANDARD 687101 SHALL BE PLACED ON THE PROPOSED STRUCTURE AS DIRECTED BY THE ENGINEER. THE BENCH MARK ELEVATION WILL BE ESTABLISHED AND MARKED BY THE DEPARTMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR PERMANENT BENCH MARKS.

NO COMMITMENTS

FILE NAME =	USER NAME = eae-lockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\057\FORWARD\Design\057010-shlrgenno.tbl		CHECKED -	REVISED -		800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	3				
PLOT SCALE = 48.8888' / in.		DATE -	REVISED -		CONTRACT NO. 70A10								
PLOT DATE = 12/14/2017					ILLINOIS FED. AID PROJECT								
MODELNAME =				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

SUMMARY OF QUANTITIES

LOCATION OF WORK:	F.A.P. 800	F.A.P. 800	F.A.P. 800	F.A.P. 800
	URBAN	URBAN	URBAN	URBAN
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	RESURFACING	SHARED-USE PATH	LIGHTING	SN 010-0046
	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
FUNDING BREAKOUT:	80% FEDERAL, 20% STATE	60% FED, 20% STATE, 20% LOCAL	80% STATE, 20% LOCAL	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0021	0021	0047

CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
20200100	EARTH EXCAVATION	CU YD	1,340.0	0.0	1,340.0	0.0	0.0
20400800	FURNISHED EXCAVATION	CU YD	2,340.0	0.0	2,340.0	0.0	0.0
20900110	POROUS GRANULAR BACKFILL	CU YD	85.0	0.0	85.0	0.0	0.0
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	11,090.0	0.0	11,090.0	0.0	0.0
21101620	TOPSOIL FURNISH AND PLACE, 5"	SQ YD	25.0	25.0	0.0	0.0	0.0
25000210	SEEDING, CLASS 2A	ACRE	2.5	0.0	2.5	0.0	0.0
25000350	SEEDING, CLASS 7	ACRE	7.5	0.0	7.5	0.0	0.0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	225.0	0.0	225.0	0.0	0.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	225.0	0.0	225.0	0.0	0.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	225.0	0.0	225.0	0.0	0.0
25100115	MULCH, METHOD 2	ACRE	7.5	0.0	7.5	0.0	0.0
25100125	MULCH, METHOD 3	ACRE	2.5	0.0	2.5	0.0	0.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,000.0	0.0	1,000.0	0.0	0.0
28000305	TEMPORARY DITCH CHECKS	FOOT	220.0	0.0	220.0	0.0	0.0
* DENOTES SPECIALTY ITEM							

SUMMARY OF QUANTITIES

LOCATION OF WORK:	F.A.P. 800	F.A.P. 800	F.A.P. 800	F.A.P. 800
	URBAN	URBAN	URBAN	URBAN
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	RESURFACING	SHARED-USE PATH	LIGHTING	SN 010-0046
	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
FUNDING BREAKOUT:	80% FEDERAL, 20% STATE	60% FED, 20% STATE, 20% LOCAL	80% STATE, 20% LOCAL	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0021	0021	0047

CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
28000400	PERIMETER EROSION BARRIER	FOOT	860.0	0.0	860.0	0.0	0.0
28000500	INLET AND PIPE PROTECTION	EACH	4.0	0.0	4.0	0.0	0.0
28100105	STONE RIPRAP, CLASS A3	SQ YD	10.0	0.0	10.0	0.0	0.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	36,080.0	36,080.0	0.0	0.0	0.0
40600847	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	TON	2,480.0	2,480.0	0.0	0.0	0.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	680.0	680.0	0.0	0.0	0.0
40600990	TEMPORARY RAMP	SQ YD	870.0	870.0	0.0	0.0	0.0
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	4,530.0	4,490.0	0.0	0.0	40.0
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,460.0	2,460.0	0.0	0.0	0.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	460.0	460.0	0.0	0.0	0.0
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	20.0	20.0	0.0	0.0	0.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	36,690.0	2,990.0	33,700.0	0.0	0.0
42400800	DETECTABLE WARNINGS	SQ FT	480.0	350.0	130.0	0.0	0.0
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	36,640.0	36,640.0	0.0	0.0	0.0

* DENOTES SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION OF WORK:	F.A.P. 800	F.A.P. 800	F.A.P. 800	F.A.P. 800
	URBAN	URBAN	URBAN	URBAN
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	RESURFACING	SHARED-USE PATH	LIGHTING	SN 010-0046
	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
FUNDING BREAKOUT:	80% FEDERAL, 20% STATE	60% FED, 20% STATE, 20% LOCAL	80% STATE, 20% LOCAL	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0021	0021	0047

CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	16,150.0	16,150.0	0.0	0.0	0.0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	35.0	35.0	0.0	0.0	0.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	600.0	510.0	90.0	0.0	0.0
44000600	SIDEWALK REMOVAL	SQ FT	2,700.0	2,560.0	140.0	0.0	0.0
44003100	MEDIAN REMOVAL	SQ FT	50.0	50.0	0.0	0.0	0.0
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	320.0	320.0	0.0	0.0	0.0
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	160.0	160.0	0.0	0.0	0.0
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	290.0	290.0	0.0	0.0	0.0
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	80.0	80.0	0.0	0.0	0.0
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	40.0	40.0	0.0	0.0	0.0
44201807	CLASS D PATCHES, TYPE III, 13 INCHES	SQ YD	40.0	40.0	0.0	0.0	0.0
50102400	CONCRETE REMOVAL	CU YD	4.0	0.0	0.0	0.0	4.0
50104400	CONCRETE HEADWALL REMOVAL	EACH	1.0	0.0	1.0	0.0	0.0
50105220	PIPE CULVERT REMOVAL	FOOT	60.0	0.0	60.0	0.0	0.0

* DENOTES SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION OF WORK:	F.A.P. 800	F.A.P. 800	F.A.P. 800	F.A.P. 800
	URBAN	URBAN	URBAN	URBAN
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	RESURFACING	SHARED-USE PATH	LIGHTING	SN 010-0046
	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
FUNDING BREAKOUT:	80% FEDERAL, 20% STATE	60% FED, 20% STATE, 20% LOCAL	80% STATE, 20% LOCAL	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0021	0021	0047

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
50300225	CONCRETE STRUCTURES	CU YD	3.0	0.0	3.0	0.0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	4.0	0.0	0.0	4.0
50300300	PROTECTIVE COAT	SQ YD	35.0	0.0	0.0	35.0
50800105	REINFORCEMENT BARS	POUND	140.0	0.0	140.0	0.0
52000020	PREFORMED JOINT SEAL 1 3/4"	FOOT	215.0	0.0	0.0	215.0
54002020	EXPANSION BOLTS 3/4 INCH	EACH	30.0	0.0	30.0	0.0
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	31.0	0.0	31.0	0.0
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1.0	0.0	1.0	0.0
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2.0	0.0	2.0	0.0
54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	EACH	1.0	0.0	1.0	0.0
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2.0	0.0	2.0	0.0
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	1.0	0.0	1.0	0.0
54248510	CONCRETE COLLAR	CU YD	2.0	0.0	2.0	0.0
542A0217	PIPE CULVERTS, CLASS A, TYPE 1, 12"	FOOT	220.0	0.0	220.0	0.0
* DENOTES SPECIALTY ITEM						

SUMMARY OF QUANTITIES

LOCATION OF WORK:	F.A.P. 800	F.A.P. 800	F.A.P. 800	F.A.P. 800
	URBAN	URBAN	URBAN	URBAN
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	RESURFACING	SHARED-USE PATH	LIGHTING	SN 010-0046
	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
FUNDING BREAKOUT:	80% FEDERAL, 20% STATE	60% FED, 20% STATE, 20% LOCAL	80% STATE, 20% LOCAL	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0021	0021	0047

CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
542A0220	PIPE CULVERTS, CLASS A, TYPE 1, 15"	FOOT	10.0	0.0	10.0	0.0	0.0
542A0226	PIPE CULVERTS, CLASS A, TYPE 1, 21"	FOOT	40.0	0.0	40.0	0.0	0.0
542A0235	PIPE CULVERTS, CLASS A, TYPE 1, 30"	FOOT	60.0	0.0	60.0	0.0	0.0
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	50.0	0.0	50.0	0.0	0.0
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	450.0	0.0	0.0	0.0	450.0
60218300	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1.0	0.0	1.0	0.0	0.0
60218400	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1.0	0.0	1.0	0.0	0.0
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5.0	5.0	0.0	0.0	0.0
60255500	MANHOLES TO BE ADJUSTED	EACH	15.0	11.0	4.0	0.0	0.0
60260100	INLETS TO BE ADJUSTED	EACH	60.0	60.0	0.0	0.0	0.0
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	320.0	320.0	0.0	0.0	0.0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	280.0	190.0	90.0	0.0	0.0
*	66900200	NON-SPECIAL WASTE DISPOSAL	850.0	850.0	0.0	0.0	0.0
*	66900450	SPECIAL WASTE PLANS AND REPORTS	1.0	1.0	0.0	0.0	0.0

* DENOTES SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION OF WORK:	F.A.P. 800	F.A.P. 800	F.A.P. 800	F.A.P. 800
	URBAN	URBAN	URBAN	URBAN
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	RESURFACING	SHARED-USE PATH	LIGHTING	SN 010-0046
FUNDING BREAKOUT:	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
	80% FEDERAL, 20% STATE	80% FED, 20% STATE, 20% LOCAL	80% STATE, 20% LOCAL	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0021	0021	0047

CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	12.0	12.0	0.0	0.0	0.0
67000500	ENGINEER'S FIELD OFFICE ,TYPE B	CAL MO	7.0	4.0	2.0	0.5	0.5
67100100	MOBILIZATION	L SUM	1.0	0.25	0.25	0.25	0.25
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0	1.0	0.0	0.0	0.0
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0	1.0	0.0	0.0	0.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	1.0	0.0	0.0	0.0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1.0	1.0	0.0	0.0	0.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10.0	6.0	2.0	0.0	2.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,880.0	7,880.0	0.0	0.0	0.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	880.0	880.0	0.0	0.0	0.0
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,440.0	1,440.0	0.0	0.0	0.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	23,500.0	23,500.0	0.0	0.0	0.0
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2,430.0	2,430.0	0.0	0.0	0.0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	290.0	290.0	0.0	0.0	0.0

* DENOTES SPECIALTY ITEM

FILE NAME =	USER NAME = ceerlock_jd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\844EB\DOT\Illinois.gov\PKIDOT\Documents\DOT Offices\District 5\Projects\057\057010\057010-010-000.dgn									800	28X-2IRS-3 & (28X-1)RS-6	CHAMPAIGN	173	9
PLOT SCALE = 1/8" = 1'-0"					CHECKED -	REVISED -	SCALE:		SHEET 6 OF 10 SHEETS		STA.	TO STA.	
PLOT DATE = 12/14/2017					DATE -	REVISED -	ILLINOIS FED. AID PROJECT						
CONTRACT NO. 70A10													

SUMMARY OF QUANTITIES

LOCATION OF WORK:	F.A.P. 800	F.A.P. 800	F.A.P. 800	F.A.P. 800
	URBAN	URBAN	URBAN	URBAN
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	RESURFACING	SHARED-USE PATH	LIGHTING	SN 010-0046
FUNDING BREAKOUT:	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
	80% FEDERAL, 20% STATE	80% FED, 20% STATE, 20% LOCAL	80% STATE, 20% LOCAL	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0021	0021	0047

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	610.0	610.0	0.0	0.0
* 72000100	SIGN PANEL - TYPE 1	SQ FT	35.0	0.0	35.0	0.0
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	18.0	0.0	18.0	0.0
72900100	METAL POST - TYPE A	FOOT	71.0	0.0	71.0	0.0
73000100	WOOD SIGN SUPPORT	FOOT	63.0	0.0	63.0	0.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,440.0	1,440.0	0.0	0.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19,840.0	19,840.0	0.0	0.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,430.0	2,430.0	0.0	0.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	290.0	290.0	0.0	0.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	610.0	610.0	0.0	0.0
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	3,670.0	3,670.0	0.0	0.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	530.0	530.0	0.0	0.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	530.0	530.0	0.0	0.0
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIAMETER	FOOT	347.0	138.0	99.0	110.0

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* DENOTES SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION OF WORK:	F.A.P. 800	F.A.P. 800	F.A.P. 800	F.A.P. 800
	URBAN	URBAN	URBAN	URBAN
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	RESURFACING	SHARED-USE PATH	LIGHTING	SN 010-0046
	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
FUNDING BREAKOUT:	80% FEDERAL, 20% STATE	60% FED, 20% STATE, 20% LOCAL	80% STATE, 20% LOCAL	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0021	0021	0047

CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
* 81603035	UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	3,520.0	0.0	0.0	3,520.0	0.0
* 83600357	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8"	EACH	8.0	0.0	0.0	8.0	0.0
84200804	REMOVAL OF POLE FOUNDATION	EACH	8.0	0.0	0.0	8.0	0.0
* 84400105	RELOCATE EXISTING LIGHING UNIT	EACH	8.0	0.0	0.0	8.0	0.0
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,552.0	1,683.0	869.0	0.0	0.0
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,150.0	0.0	1,150.0	0.0	0.0
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	513.0	513.0	0.0	0.0	0.0
* 87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT	EACH	1.0	1.0	0.0	0.0	0.0
* 87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT	EACH	1.0	0.0	1.0	0.0	0.0
* 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT	EACH	2.0	0.0	2.0	0.0	0.0
* 87601200	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II	EACH	9.0	6.0	3.0	0.0	0.0
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9.3	6.2	3.1	0.0	0.0
* 87900200	DRILL EXISTING HANDHOLE	EACH	11.0	7.0	4.0	0.0	0.0
* 88102825	PED. SIG. HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED W/ COUNTDOWN TIMER	EACH	4.0	0.0	4.0	0.0	0.0
* DENOTES SPECIALTY ITEM							

SUMMARY OF QUANTITIES

LOCATION OF WORK:	F.A.P. 800	F.A.P. 800	F.A.P. 800	F.A.P. 800
	URBAN	URBAN	URBAN	URBAN
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	RESURFACING	SHARED-USE PATH	LIGHTING	SN 010-0046
	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
FUNDING BREAKOUT:	80% FEDERAL, 20% STATE	60% FED, 20% STATE, 20% LOCAL	80% STATE, 20% LOCAL	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0021	0021	0047

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
* 88600100	DETECTOR LOOP, TYPE I	FOOT	4,057.0	4,057.0	0.0	0.0
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	5.0	0.0	5.0	0.0
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	5.0	0.0	5.0	0.0
* 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	4.0	4.0	0.0	0.0
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	7.0	6.0	1.0	0.0
89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1.0	1.0	0.0	0.0
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4489	4489	0.0	0.0
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3.0	3.0	0.0	0.0
X0322135	BOLLARDS, QUICK RELEASE	EACH	1.0	0.0	1.0	0.0
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	38.0	0.0	38.0	0.0
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	90.0	90.0	0.0	0.0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	5,450.0	5,450.0	0.0	0.0
X4406255	PARTIAL DEPTH REMOVAL, TYPE II, 5.5"	SQ YD	40.0	40.0	0.0	0.0
X4421000	PARTIAL DEPTH PATCHING	TON	11.0	11.0	0.0	0.0
* DENOTES SPECIALTY ITEM						

REV

SUMMARY OF QUANTITIES

LOCATION OF WORK:	F.A.P. 800	F.A.P. 800	F.A.P. 800	F.A.P. 800
	URBAN	URBAN	URBAN	URBAN
	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL
	RESURFACING	SHARED-USE PATH	LIGHTING	SN 010-0046
	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
FUNDING BREAKOUT:	80% FEDERAL, 20% STATE	60% FED, 20% STATE, 20% LOCAL	80% STATE, 20% LOCAL	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0021	0021	0047

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
X6061902	CONCRETE MEDIAN, TYPE SM (SPECIAL)	SQ FT	50.0	50.0	0.0	0.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14.0	14.0	0.0	0.0
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1,440.0	1,440.0	0.0	0.0
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	17,440.0	17,440.0	0.0	0.0
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2,430.0	2,430.0	0.0	0.0
* X7830077	GROOVING FOR RECESSED PAVEMENT MARKING 11"	FOOT	1,600.0	1,600.0	0.0	0.0
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	290.0	290.0	0.0	0.0
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	610.0	610.0	0.0	0.0
X8140115	HANDHOLE TO BE ADJUSTED	EACH	8.0	3.0	5.0	0.0
XZ193400	SURVEY MARKER, TYPE 2, (SPECIAL)	EACH	9.0	9.0	0.0	0.0
Z0004002	BOLLARDS	EACH	2.0	0.0	2.0	0.0
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	450.0	0.0	0.0	450.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.25	0.25	0.25
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	67.0	0.0	0.0	67.0

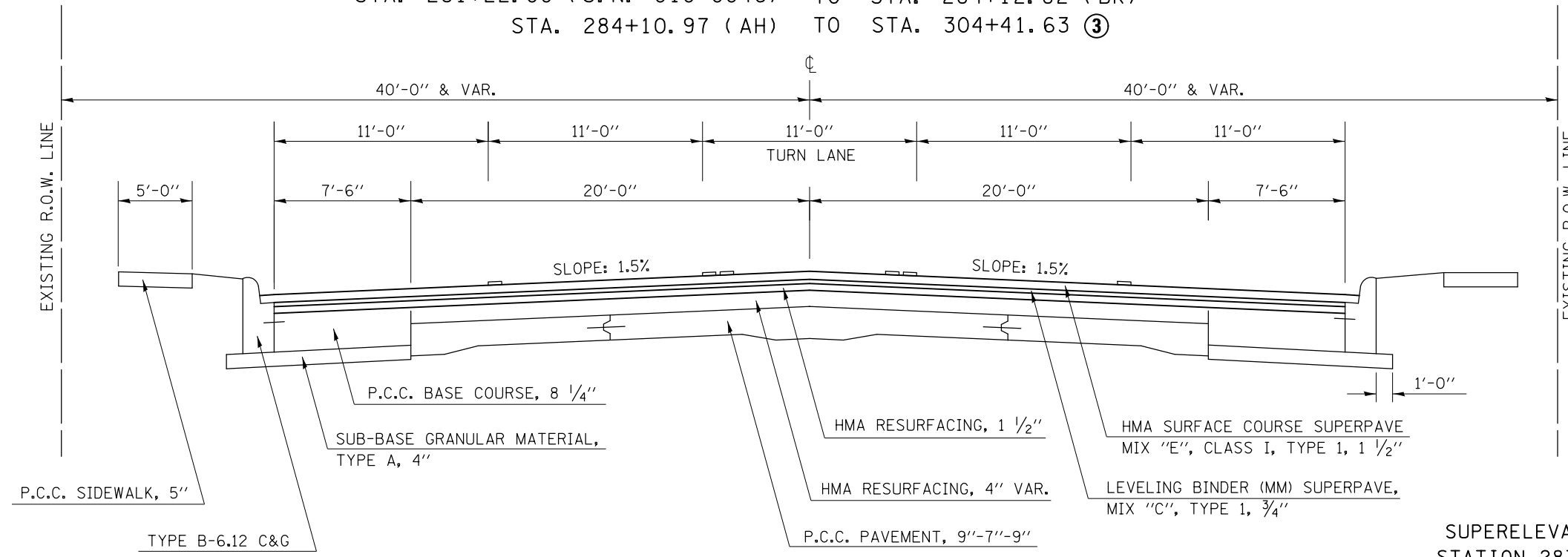
* DENOTES SPECIALTY ITEM

② EXISTING TYPICAL CROSS SECTION F.A.P. 800

STA. EQN. 304+41.63(BK) = 104+44.80(AH)

① STA. 274+30.00 TO STA. 280+52.00 (S.N. 010-0046)
 STA. 281+22.00 (S.N. 010-0046) TO STA. 284+12.82 (BK)
 STA. 284+10.97 (AH) TO STA. 304+41.63 ③

NOTE:
 SEE STRUCTURE PLANS AND DETAILS FOR
 S.N. 010-0046 (STA. 280+52 TO 281+22)



SUPERELEVATION = 1.25 %
 STATION 287+92 TO 292+80

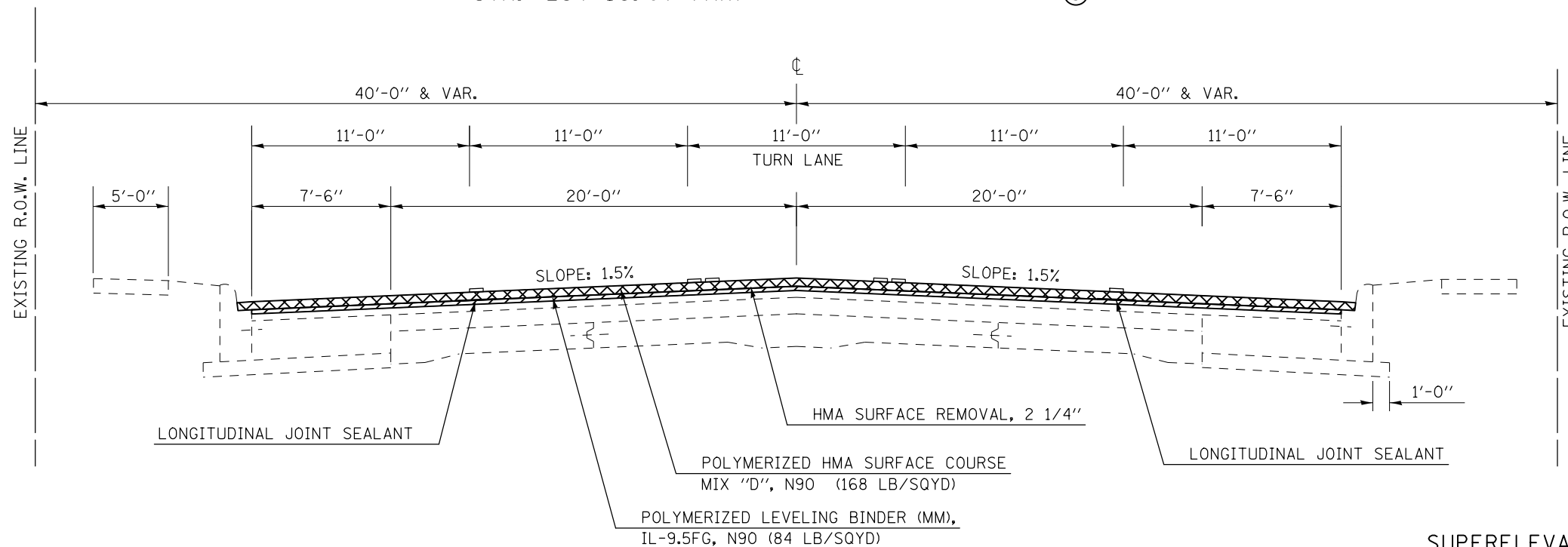
NOTE: STRIP REFLECTIVE CRACK CONTROL EXISTS FROM PREVIOUS RESURFACING PROJECTS

② PROPOSED TYPICAL CROSS SECTION F.A.P. 800

BRIDGE OMISSION: 280+50 TO 281+16

① STA. 274+30.00 TO STA. 284+12.82 (BK)
 STA. 284+10.97 (AH) TO STA. 304+41.63 ③

STA. EQN. 304+41.63(BK) = 104+44.80(AH)

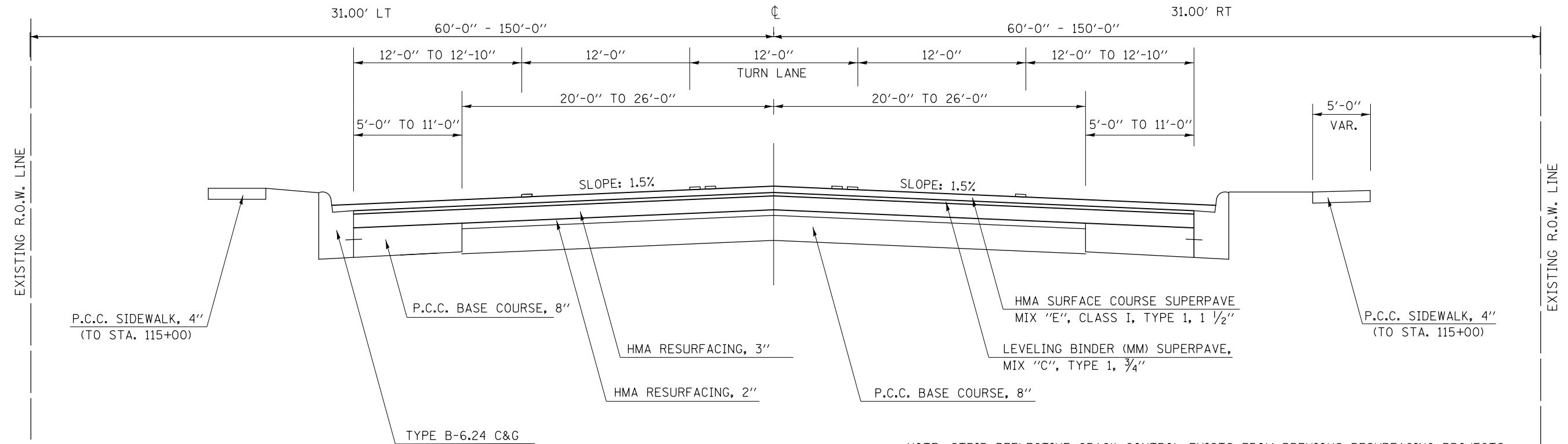


SUPERELEVATION = 1.25 %
 STATION 287+92 TO 292+80

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS - US 45			F.A.P. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579A10-sht-typical.dgn					REVISIONS	800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	16		
PLOT SCALE = 40.0000' / in.					CHECKED -	CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT			
MODELNAME					DATE -	SCALE: NA	SHEET 2 OF 6 SHEETS	STA.	TO STA.			

④ EXISTING TYPICAL CROSS SECTION F.A.P. 800

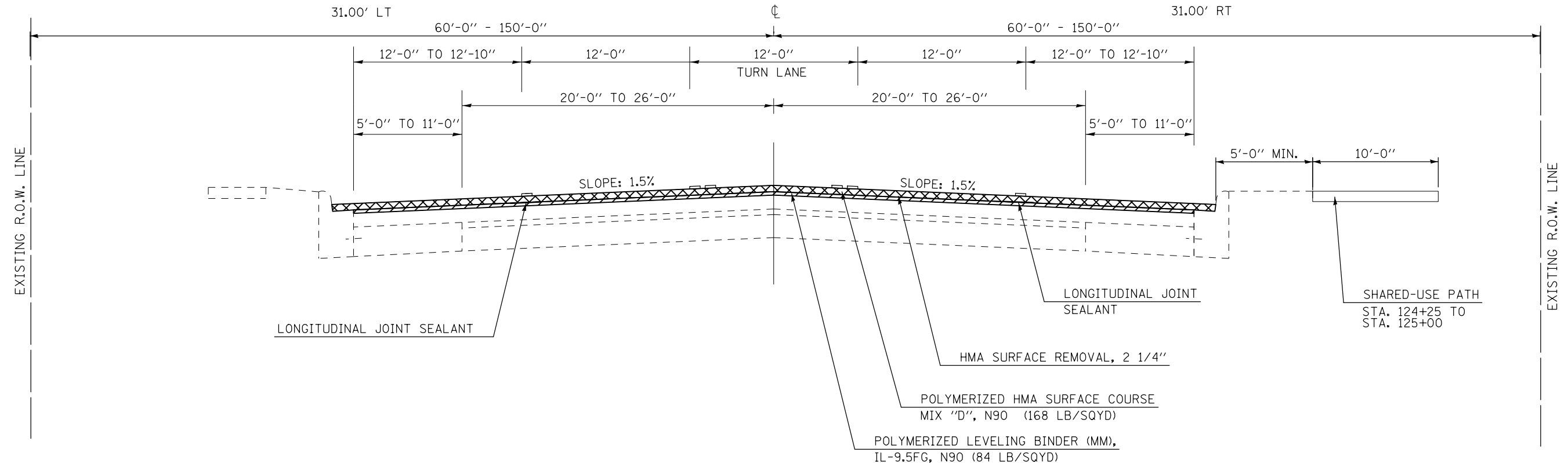
③ STA. 113+35.00 TO STA. 125+00.00 ⑤



NOTE: STRIP REFLECTIVE CRACK CONTROL EXISTS FROM PREVIOUS RESURFACING PROJECTS

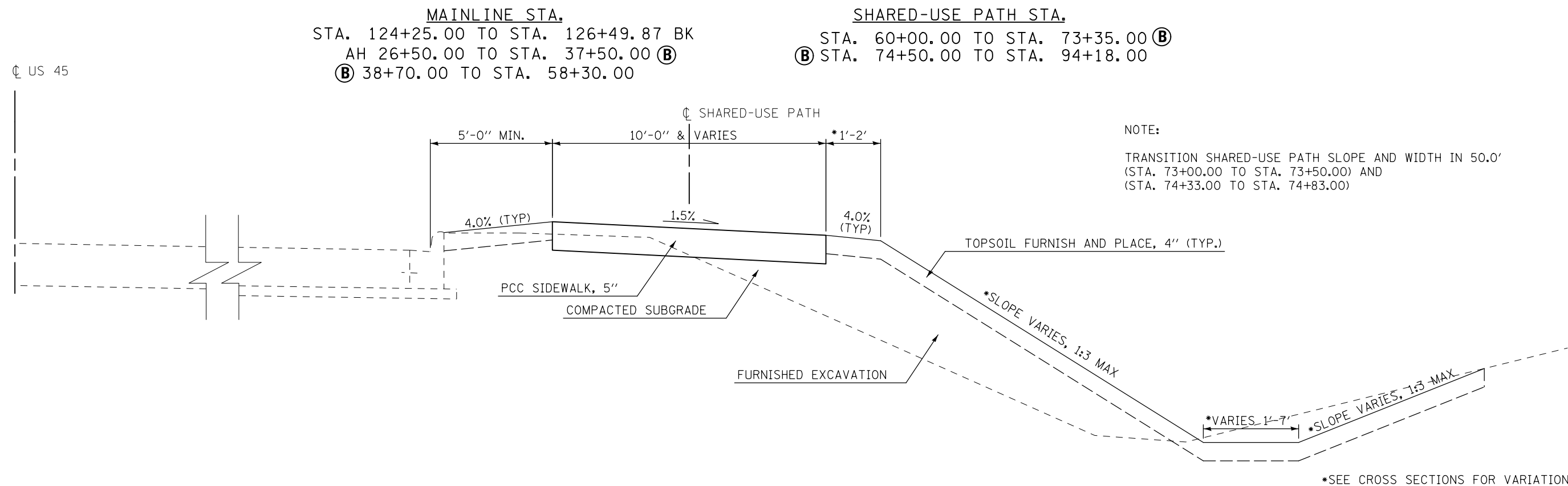
④ PROPOSED TYPICAL CROSS SECTION F.A.P. 800

③ STA. 113+35.00 TO STA. 125+00.00 ⑤

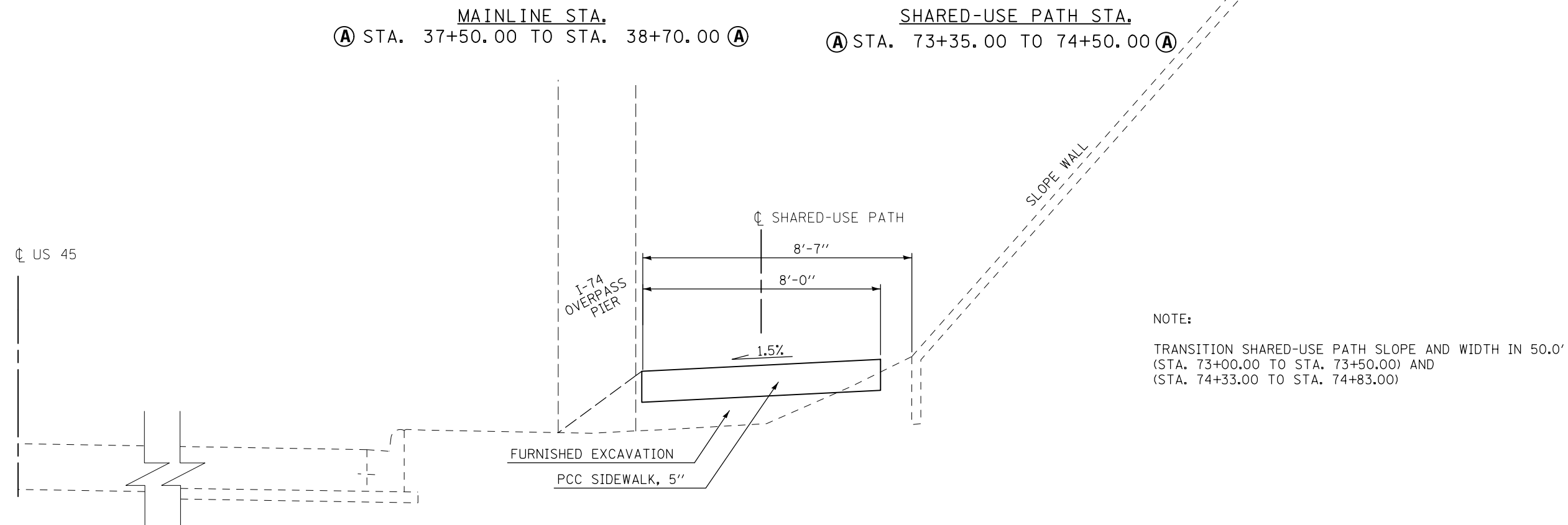


FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS - US 45			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579A10-shr-typical.dgn	DESIGNED -	REVISED -	REVISED -					800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	18
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT				
MODELNAME	DATE -	REVISED -	REVISED -		SCALE: NA	SHEET 4 OF 6 SHEETS	STA. TO STA.					

(A) PROPOSED TYPICAL SHARED-USE PATH CROSS SECTION



(B) PROPOSED TYPICAL SHARED-USE PATH CROSS SECTION



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS - SHARED-USE PATH			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579A10-sht-typical.dgn					DRAWN	REVISED -	REVISED -	800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	20
PLOT SCALE = 40.0000' / in.					CHECKED -	REVISED -	REVISED -	CONTRACT NO. 70A10				
*MODELNAME#					DATE -	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

EARTHWORK							
LOCATION	LT/RT	20200100			20400800	21101615	
		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE, WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"
		CU YD	(CU YD)	(CU YD)	(CU YD)	CU YD	SQ YD
KENYON RD - I74 EB ON-RAMP	LT	20.3	15.2	56.0	-40.8	430.8	
KENYON RD - I74 EB ON-RAMP	RT	585.1	438.8	810.9	-372.1	3121.8	
I74 EB ON-RAMP - I74 WB OFF-RAMP	LT	47.7	35.8	13.7	22.1	309.8	
I74 EB ON-RAMP - I74 WB OFF-RAMP	RT	9.3	7.0	634	-627.0	1940.8	
I74 WB OFF-RAMP - NAPLETON WAY	LT	34.0	25.5	106.3	-80.8	556.6	
I74 WB OFF-RAMP - NAPLETON WAY	RT	640.8	480.6	1717.1	-1,236.5	4728.7	
SHARED-USE PATH TOTALS		1,337.2	1,002.9	3,338.0	-2,335.1	11,088.5	
ROUNDED		1,340.0		3,338.0	-2,340.0	11,090.0	

NOTES:

- 1- SHRINKAGE FACTOR USED IS 25%.
- 2- SHRINKAGE, EMBANKMENT, AND BALANCE IS FOR INFORMATION ONLY.
- 3- NO PAYMENT WILL BE ALLOWED FOR OVERHAUL.
- 4- ALL EXCAVATED MATERIALS SHALL BE INCORPORATED INTO THE PROPOSED JOB LIMITS.

TOPSOIL FURNISH AND PLACE, 5"					
LOCATION	DESCRIPTION	STATION	OFFSET	AREA (SQ FT)	21101620
					TOPSOIL FURNISH AND PLACE, 5" SQ YD
FAP 800 (US45 / CUNNINGHAM AVE)					
5	SW QUAD US45/CRYSTAL LAKE	278+40.0	36' LT	19.1	2.1
11	SW QUAD US45/KERR	290+80.0	45' LT	162.0	18.0
24	NW QUAD US45/KENYON	124+15.0	50' LT	10.6	1.2
27	NE QUAD US45/FRONTAGE	124+20.0	50' RT	11.9	1.3
TOTAL FAP 800					22.6
ROUNDED					25.0

SEEDING			
FAP 800 (US45 / CUNNINGHAM AVE) - SHARED-USE PATH			
	AREA - LT. (ACRES)	AREA - RT. (ACRES)	
Leg1 - Kenyon Rd to I74 EB On-Ramp	0.089	0.645	
Leg2 - I74 EB On-Ramp to I74 WB Off-Ramp	0.064	0.401	
Leg3 - I74 WB Off-Ramp to Napleton Way	0.115	0.977	
TOTALS	0.27	2.02	
COMBINED	2.29		
ROUNDED	2.50		

STONE RIPRAP, CLASS A3				
STATION	OFFSET	AREA (SQ FT)	28100105	
			STONE RIPRAP, CLASS A3 SQ YD	
124+32.0	36' LT	89.5	9.9	
TOTAL SHARED-USE PATH			9.9	
ROUNDED			10.0	

POROUS GRANULAR BACKFILL									
STA.	OFFSET	PIPE SIZE	TRENCH LENGTH (FT)	TRENCH WIDTH (FT)	FILL HEIGHT (FT)	VOLUME (CU YD)	(-) VOLUME OF PIPE (CU YD)	20900110	
								POROUS GRANULAR BACKFILL CU YD	
SHARED-USE PATH									
124+50.0	68' RT	24" ERS	50.0	4.54	3.50	29.4	9.41	20.0	
126+00.0	50' RT	12"	9.0	2.83	2.17	2.0	0.47	1.6	
27+00.0	50' RT	12"	9.0	2.83	2.17	2.0	0.47	1.6	
28+00.0	50' RT	12"	8.0	2.83	2.17	1.8	0.42	1.4	
28+50.0	55' RT	12"	9.0	2.83	2.17	2.0	0.47	1.6	
29+38.0	73' RT	30"	12.0	4.58	4.08	8.3	3.31	5.0	
29+42.0	73' RT	30"	12.0	4.58	4.08	8.3	3.31	5.0	
29+51.0	75' RT	12"	9.0	2.83	2.17	2.0	0.47	1.6	
30+49.0	80' RT	12"	8.0	2.83	2.17	1.8	0.42	1.4	
33+49.0	64' RT	12"	10.0	2.83	2.17	2.3	0.52	1.8	
34+49.0	62' RT	12"	9.0	2.83	2.17	2.0	0.47	1.6	
35+50.0	62' RT	12"	10.0	2.83	2.17	2.3	0.52	1.8	
36+40.0	63' RT	15"	8.0	3.13	2.63	2.4	0.61	1.8	
40+55.0	64' RT	12"	9.0	2.83	2.17	2.0	0.47	1.6	
41+24.0	70' RT	12"	8.0	2.83	2.17	1.8	0.42	1.4	
41+99.0	70' RT	12"	8.0	2.83	2.17	1.8	0.42	1.4	
42+75.0	70' RT	12"	10.0	2.83	2.17	2.3	0.52	1.8	
43+49.0	70' RT	12"	13.0	2.83	2.17	3.0	0.68	2.3	
43+80.0	75' RT	12"	25.0	2.83	2.17	5.7	1.31	4.4	
47+00.0	66' RT	12"	4.0	2.83	2.17	0.9	0.21	0.7	
48+00.0	60' RT	12"	4.0	2.83	2.17	0.9	0.21	0.7	
49+00.0	58' RT	12"	4.0	2.83	2.17	0.9	0.21	0.7	
50+00.0	58' RT	12"	4.0	2.83	2.17	0.9	0.21	0.7	
51+00.0	60' RT	12"	4.0	2.83	2.17	0.9	0.21	0.7	
52+00.0	63' RT	12"	7.0	2.83	2.17	1.6	0.37	1.2	
53+50.0	68' RT	12"	5.0	2.83	2.17	1.1	0.26	0.9	
54+25.0	72' RT	12"	6.0	2.83	2.17	1.4	0.31	1.1	
54+95.0	77' RT	12"	3.0	2.83	2.17	0.7	0.16	0.5	
55+60.0	78' RT	12"	5.0	2.83	2.17	1.1	0.26	0.9	
56+26.0	82' RT	12"	5.0	2.83	2.17	1.1	0.26	0.9	
56+95.0	82' RT	12"	7.0	2.83	2.17	1.6	0.37	1.2	
57+56.0	82' RT	12"	7.0	2.83	2.17	1.6	0.37	1.2	
58+00.0	90' RT	21"	36.0	3.71	3.21	15.9	5.07	10.8	
SHARED-USE PATH TOTAL								81.0	
ROUNDED								85.0	

EROSION CONTROL ITEMS				
STATION	OFFSET	28000305	28000500	
		TEMPORARY DITCH CHECKS FOOT	INLET AND PIPE PROTECTION EACH	
SHARED-USE PATH				
124+30.0	65' RT			1.0
124+82.0	72' RT			1.0
125+25.0	67' RT	20.0		
126+25.0	65' RT	22.0		
28+50.0	70' RT	16.0		
29+00.0	78' RT	15.0		
29+30.0	83' RT	15.0		
29+67.0	91' RT	14.0		
31+15.0	100' RT	21.0		
45+05.0	147' RT	40.0		
47+50.0	73' RT	15.0		
48+70.0	70' RT	16.0		
51+70.0	70' RT	14.0		
52+70.0	77' RT			1.0
55+10.0	87' RT	12.0		
58+09.0	84' RT			1.0
SHARED-USE PATH TOTAL		220.0		4.0
ROUNDED		220.0		4.0

PERIMETER EROSION BARRIER					
FROM STATION	OFFSET	TO STATION	OFFSET	28000400	
				PERIMETER EROSION BARRIER FOOT	
SHARED-USE PATH					
32+50.0	100' RT	33+95.0	90' RT	146.0	
33+95.0	90' RT	36+80.0	90' RT	287.0	
39+60.0	96' RT	43+35.0	98' RT	376.0	
43+35.0	98' RT	43+76.0	117' RT	45.0	
SHARED-USE PATH TOTAL				854.0	
ROUNDED				860.0	

PCC DRIVEWAY PAVEMENT, 8"					
NB/SB	STATION	AREA (SQ FT)	42300400	44000200	
			PCC DRIVEWAY PAVEMENT, 8 INCH SQ YD	DRIVEWAY PAVEMENT REMOVAL SQ YD	
FAP 800 (US45 / CUNNINGHAM AVE)					
NB	292+00.0	311.0			34.6
NB	292+00.0	162.1	18.0		
FAP 800 TOTAL			18.0		34.6
ROUNDED			20.0		35.0

SCHEDULE OF QUANTITIES

CLASS D PATCHES, 9 INCH							
STATION	NB/SB	LANE	LENGTH (FOOT)	WIDTH (FOOT)	44201753	44201757	44201759
					CLASS D PATCHES, TYPE II, 9 INCH SQ YD	CLASS D PATCHES, TYPE III, 9 INCH SQ YD	CLASS D PATCHES, TYPE IV, 9 INCH SQ YD
FAP 800 (US45 / CUNNINGHAM AVE) - NB							
275+22.0	NB	DL	8.0	12.0	10.7		
275+22.0	NB	PL	8.0	12.0	10.7		
275+69.0	NB	DL	50.0	6.0			33.3
276+87.0	NB	DL	8.0	12.0	10.7		
276+87.0	NB	PL	8.0	12.0	10.7		
277+34.0	NB	DL	6.0	12.0	8.0		
277+34.0	NB	PL	6.0	12.0	8.0		
279+57.0	NB	DL	8.0	12.0	10.7		
279+57.0	NB	PL	8.0	12.0	10.7		
280+16.0	NB	DL	6.0	12.0	8.0		
280+16.0	NB	PL	6.0	12.0	8.0		
281+86.0	NB	DL	12.0	12.0		16.0	
281+86.0	NB	PL	12.0	12.0		16.0	
282+52.0	NB	PL	6.0	12.0	8.0		
283+03.0	NB	DL	12.0	12.0		16.0	
283+03.0	NB	PL	12.0	12.0		16.0	
283+39.0	NB	DL	6.0	12.0	8.0		
283+39.0	NB	PL	6.0	12.0	8.0		
284+55.0	NB	DL	10.0	12.0	13.3		
284+55.0	NB	PL	30.0	12.0			40.0
285+75.0	NB	PL	6.0	12.0	8.0		
285+97.0	NB	PL	8.0	12.0	10.7		
286+24.0	NB	PL	6.0	12.0	8.0		
286+54.0	NB	PL	6.0	12.0	8.0		
289+09.0	NB	PL	6.0	12.0	8.0		
289+38.0	NB	DL	6.0	12.0	8.0		
289+38.0	NB	PL	6.0	12.0	8.0		
290+68.0	NB	DL	8.0	12.0	10.7		
290+68.0	NB	PL	8.0	12.0	10.7		
293+74.0	NB	DL	50.0	6.0			33.3
296+28.0	NB	DL	50.0	6.0			33.3
299+31.0	NB	DL	50.0	6.0			33.3
299+66.0	NB	DL	12.0	12.0		16.0	
118+28.0	NB	DL	6.0	12.0	8.0		
121+22.0	NB	DL	6.0	12.0	8.0		
126+19.0	NB	DL	25.0	12.0			33.3
126+19.0	NB	PL	10.0	12.0	13.3		
FAP 800 SUB-TOTAL NB					242.7	80.0	206.7
FAP 800 (US45 / CUNNINGHAM AVE) - SB							
276+46.0	SB	PL	6.0	12.0	8.0		
276+84.0	SB	PL	15.0	12.0		20.0	
276+84.0	SB	DL	15.0	12.0		20.0	
277+07.0	SB	DL	40.0	6.0			26.7
278+15.0	SB	DL	80.0	6.0			53.3
280+18.0	SB	DL	8.0	12.0	10.7		
280+18.0	SB	PL	8.0	12.0	10.7		
281+87.0	SB	DL	12.0	12.0		16.0	
281+87.0	SB	PL	12.0	12.0		16.0	
300+26.0	SB	DL	8.0	12.0	10.7		
300+26.0	SB	PL	8.0	12.0	10.7		
117+40.0	SB	PL	6.0	12.0	8.0		
117+40.0	SB	DL	6.0	12.0	8.0		
118+18.0	SB	DL	6.0	12.0	8.0		
FAP 800 SUB-TOTAL SB					74.7	72.0	80.0
FAP 800 COMBINED TOTALS					317.3	152.0	286.7
ROUNDED					320.0	160.0	290.0

CLASS D PATCHES, 10 INCH						
STATION	NB/SB	LANE	LENGTH (FOOT)	WIDTH (FOOT)	44201765	44201771
					CLASS D PATCHES, TYPE II, 10 INCH SQ YD	CLASS D PATCHES, TYPE IV, 10 INCH SQ YD
FAP 800 (US45 / CUNNINGHAM AVE) - NB						
105+96.0	NB	DL	8.0	12.0	10.7	
105+96.0	NB	PL	8.0	12.0	10.7	
107+46.0	NB	PL	6.0	12.0	8.0	
FAP 800 SUB-TOTAL NB					29.3	0.0
FAP 800 (US45 / CUNNINGHAM AVE) - SB						
104+79.0	SB	DL	6.0	12.0	8.0	
105+54.0	SB	PL	10.0	12.0	13.3	
105+54.0	SB	DL	10.0	12.0	13.3	
106+00.0	SB	DL	25.0	12.0		33.3
109+45.0	SB	DL	6.0	12.0	8.0	
FAP 800 SUB-TOTAL SB					42.7	33.3
FAP 800 COMBINED TOTALS					72.0	33.3
ROUNDED					80.0	40.0

CLASS D PATCHES, 13 INCH					
STATION	NB/SB	LANE	LENGTH (FOOT)	WIDTH (FOOT)	44201807
					CLASS D PATCHES TYPE III, 13 INCH SQ YD
FAP 800 (US45 / CUNNINGHAM AVE)					
270+65.0	NB	DL	12.0	12.0	16.0
272+91.0	SB	DL	12.0	12.0	16.0
FAP 800 TOTAL					32.0
ROUNDED					40.0

PARTIAL DEPTH PATCHING, 5.5 INCH						
STATION	NB/SB	LANE	LENGTH (FOOT)	WIDTH (FOOT)	X4406255	X4421000
					PARTIAL DEPTH REMOVAL, TYPE II, 5.5" SQ YD	PARTIAL DEPTH PATCHING TON
FAP 800 (US45 / CUNNINGHAM AVE)						
28+08.0	SB	DL	6.0	12.0	8.0	2.5
30+02.0	SB	PL	8.0	12.0	10.7	3.3
34+71.0	SB	DL	6.0	12.0	8.0	2.5
36+20.0	SB	DL	6.0	12.0	8.0	2.5
FAP 800 TOTALS					34.7	10.7
ROUNDED					40.0	11.0

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
p:\11\084EBID\INTEG\illinois.gov\PIW001\Documents\DOT Offices\District 5\Projects\0579\DRAWING\Design\0579A10-sht-schedule.dwg		CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	28X-2/RS-3 & (28X-1)RS-6	CHAMPAIGN	173	22
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT																
NB/SB	STATION	TO	STATION		LENGTH (FOOT)	AVG WIDTH (FOOT)	AREA (SQ YD)	LEVELING BINDER DEPTH (INCH)	SURFACE COURSE DEPTH (INCH)	40600290	40600847	40600982	40603545	44000158	44000159	Z0004556
										BITUMINOUS MATERIALS (TACK COAT) POUND	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90 TON	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SQ YD	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 TON	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL (DECK) SQ YD
FAP 800 (US45 / CUNNINGHAM AVE) - NORTHBOUND																
NB	270+65.0		270+95.0		30.0	25.0	83.3	0.75	1.5	56.3	3.5	83.3	7.0			
NB	270+95.0		273+85.0		290.0	24.0	773.3	0.75	1.5	522.0	32.5		65.0	773.3		
NB	273+85.0		280+52.00		667.0	34.0	2,519.8	0.75	1.5	1,700.9	105.8		211.7	2,519.8		
S.N. 010-0046 (SEE SCHEDULE BELOW)																
NB	281+22.0		284+12.82	BK	290.8	34.0	1,098.7	0.75	1.5	741.6	46.1		92.3	1,098.7		
NB	284+10.97	AH	304+41.63	BK	2,030.7	34.0	7,671.4	0.75	1.5	5,178.2	322.2		644.4	7,671.4		
NB	104+44.8	AH	107+77.0		332.2	34.0	1,255.0	0.75	1.5	847.1	52.7		105.4	1,255.0		
NB	107+77.0		113+20.0		543.0	52.0	3,137.3	0.75	1.5	2,117.7	131.8		263.5	3,137.3		
NB	113+20.0		125+00.0		1,180.0	39.0	5,113.3	0.75	1.5	3,451.5	214.8		429.5	5,113.3		
NB	125+00.0		125+35.0		35.0	39.0	151.7	1.0	1.5	102.4	8.5		12.7		151.7	
NB	125+35.0		126+49.87	BK	114.9	24.0	306.3	1.0	1.5	206.8	17.2		25.7		306.3	
NB	26+50.0	AH	27+98.0		148.0	24.0	394.7	1.0	1.5	266.4	22.1		33.2		394.7	
NB	27+98.0		30+57.0		259.0	30.0	863.3	1.0	1.5	582.8	48.3		72.5		863.3	
NB	30+57.0		31+57.0		100.0	36.0	400.0	1.0	1.5	270.0	22.4		33.6		400.0	
NB	31+27.0		Turn lane		30.0	12.0	40.0	1.0	1.5	27.0	2.2	40.0	3.4			
NB	31+57.0		32+14.0		57.0	24.0	152.0	1.0	1.5	102.6	8.5		12.8		152.0	
NB	32+14.0		32+93.0		79.0	38.0	333.6	1.0	1.5	225.2	18.7		28.0		333.6	
NB	32+93.0		37+20.0		427.0	30.1	1,428.1	1.0	1.5	964.0	80.0		120.0		1,428.1	
NB	37+20.0		41+21.0		401.0	36.0	1,604.0	1.0	1.5	1,082.7	89.8		134.7		1,604.0	
NB	41+21.0		44+22.0		301.0	49.2	1,645.5	1.0	1.5	1,110.7	92.1		138.2		1,645.5	
NB	44+22.0		44+88.0		66.0	34.0	249.3	1.0	1.5	168.3	14.0		20.9		249.3	
NB	44+88.0		48+70.0		382	24.4	1,035.6	1.0	1.5	699.1	58.0		87.0		1,035.6	
NB	48+70.0		49+00.0		30	24.0	80.0	1.0	1.5	54.0	4.5	80.0	6.7			
FAP 800 NB SUB-TOTALS										20,476.9	1,395.7	203.3	2,548.2	21,568.8	8,564.1	0.0
FAP 800 (US45 / CUNNINGHAM AVE) - SOUTHBOUND																
SB	270+65.0		270+95.0		30.0	61.0	203.3	0.75	1.5	137.3	8.5	203.3	17.1			
SB	270+95.0		271+40.0		45.0	60.5	302.5	0.75	1.5	204.2	12.7		25.4	302.5		
SB	271+40.0		272+18.0		78.0	55.5	481.0	0.75	1.5	324.7	20.2		40.4	481.0		
SB	272+18.0		273+48.0		130.0	37.2	537.3	0.75	1.5	362.7	22.6		45.1	537.3		
SB	273+48.0		280+52.00		704.0	24.0	1,877.3	0.75	1.5	1,267.2	78.8		157.7	1,877.3		
S.N. 010-0046 (SEE SCHEDULE BELOW)																
SB	281+22.0		284+12.82	BK	290.8	24.0	775.5	0.75	1.5	523.5	32.6		65.1	775.5		
SB	284+10.97	AH	304+41.63	BK	2,030.7	24.0	5,415.1	0.75	1.5	3,655.2	227.4		454.9	5,415.1		
SB	104+44.80	AH	107+00.0		255.2	24.0	680.5	0.75	1.5	459.4	28.6		57.2	680.5		
SB	107+00.0		125+00.0		1,800.0	25.0	5,000.0	0.75	1.5	3,375.0	210.0		420.0	5,000.0		
SB	125+00.0		125+35.0		35.0	25.0	97.2	1.0	1.5	65.6	5.4		8.2		97.2	
SB	125+35.0		125+97.0		62.0	32.0	220.4	1.0	1.5	148.8	12.3		18.5		220.4	
SB	125+97.0		126+49.87	BK	52.9	24.6	144.5	1.0	1.5	97.5	8.1		12.1		144.5	
SB	26+50.00	AH	27+93.0		143.0	24.6	390.9	1.0	1.5	263.8	21.9		32.8		390.9	
SB	27+93.0		32+12.0		419.0	28.3	1,317.5	1.0	1.5	889.3	73.8		110.7		1,317.5	
SB	31+46.0				MEASURED IN CAD				119.0	1.0	1.5	80.3	6.7	119.0	10.0	
SB	32+12.0		34+50.0		238.0	37.5	991.7	1.0	1.5	669.4	55.5		83.3		991.7	
SB	34+50.0		37+24.0		274.0	30.2	919.4	1.0	1.5	620.6	51.5		77.2		919.4	
SB	37+24.0		44+80.0		756.0	24.0	2,016.0	1.0	1.5	1,360.8	112.9		169.3		2,016.0	
SB	44+80.0		45+11.0		31.0	15.7	54.1	1.0	1.5	36.5	3.0	54.1	4.5			
SB	44+80.0		45+11.0		31.0	24.0	82.7	1.0	1.5	55.8	4.6		6.9		82.7	
SB	45+11.0		48+70.0		359.0	35.0	1,396.1	1.0	1.5	942.4	78.2		117.3		1,396.1	
SB	48+70.0		49+00.0		30.0	28.0	93.3	1.0	1.5	63.0	5.2	93.3	7.8			
FAP 800 SB SUB-TOTALS										15,603.0	1,080.7	469.7	1,941.7	15,069.3	7,576.4	0.0
FAP 800 TOTALS										36,079.9	2,476.3	673.1	4,489.9	36,638.1	16,140.5	0.0
FAP 800 ROUNDED										36,080.0	2,480.0	680.0	4,490.0	36,640.0	16,150.0	0.0
SN 010-0046																
SN 010-0046	280+52.0		281+22.0		70.0	57.4	446.4	N/A	1.5	0.0	0.0	0.0	37.5	0.0	0.0	446.4
S.N. 010-0046 TOTALS										0.0	0.0	0.0	37.5	0.0	0.0	446.4
S.N. 010-0046 ROUNDED										0.0	0.0	0.0	40.0	0.0	0.0	450.0
COMBINED TOTALS										36,080.0	2,480.0	680.0	4,530.0	36,640.0	16,150.0	450.0

NOTE: TWLT LANE INCLUDED IN NB SCHEDULE

SCHEDULE OF QUANTITIES

PIPE CULVERT SCHEDULE								
FROM STATION	OFFSET	TO STATION	OFFSET	542A0217	542A0220	542A0226	542A0235	542A5479
				PIPE CULVERTS, CLASS A, TYPE 1, 12" FOOT	PIPE CULVERTS, CLASS A, TYPE 1, 15" FOOT	PIPE CULVERTS, CLASS A, TYPE 1, 21" FOOT	PIPE CULVERTS, CLASS A, TYPE 1, 30" FOOT	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24" FOOT
SHARED-USE PATH								
124+31.0	65' RT	124+75.0	71' RT					50.0
126+00.0	48' RT	126+00.0	57' RT	9.0				
27+00.0	47' RT	27+00.0	56' RT	9.0				
28+00.0	49' RT	28+00.0	57' RT	8.0				
28+50.0	52' RT	28+50.0	61' RT	9.0				
29+38.0	67' RT	29+38.0	79' RT				12.0	
29+42.0	67' RT	29+42.0	79' RT				12.0	
29+51.0	71' RT	29+51.0	80' RT	9.0				
30+49.0	78' RT	30+49.0	86' RT	8.0				
33+49.0	59' RT	33+49.0	69' RT	10.0				
34+49.0	58' RT	34+49.0	67' RT	9.0				
35+50.0	57' RT	35+50.0	67' RT	10.0				
36+42.0	60' RT	36+38.0	66' RT		8.0			
40+55.0	59' RT	40+55.0	68' RT	9.0				
41+24.0	65' RT	41+24.0	73' RT	8.0				
41+99.0	64' RT	41+99.0	72' RT	8.0				
42+75.0	63' RT	42+75.0	73' RT	10.0				
43+49.0	62' RT	43+49.0	75' RT	13.0				
43+61.0	79' RT	43+84.0	69' RT	25.0				
47+00.0	64' RT	47+00.0	68' RT	4.0				
48+00.0	58' RT	48+00.0	62' RT	4.0				
49+00.0	56' RT	49+00.0	60' RT	4.0				
50+00.0	57' RT	50+00.0	61' RT	4.0				
51+00.0	58' RT	51+00.0	62' RT	4.0				
52+00.0	59' RT	52+00.0	66' RT	7.0				
52+33.0	76' RT	52+69.0	77' RT				36.0	
53+50.0	66' RT	53+50.0	71' RT	5.0				
54+25.0	69' RT	54+25.0	75' RT	6.0				
54+95.0	76' RT	54+95.0	79' RT	3.0				
55+60.0	76' RT	55+60.0	81' RT	5.0				
56+26.0	79' RT	56+26.0	84' RT	5.0				
56+95.0	78' RT	56+95.0	85' RT	7.0				
57+56.0	78' RT	57+56.0	85' RT	7.0				
57+77.0	92' RT	58+07.0	84' RT			36.0		
SHARED-USE PATH TOTALS				219.0	8.0	36.0	60.0	50.0
ROUNDED				220.0	10.0	40.0	60.0	50.0

END SECTION SCHEDULE									
STATION	OFFSET (RT)	FES SIZE	54213657	54213660	54213663	54213666	54213675	54214509	PROPOSED OUTLET ELEVATION
			PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21" EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30" EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24" EACH	
SHARED-USE PATH									
124+81.0	72.0'	24"						1.0	722.15
126+00.0	63.0'	12"	1.0						723.40
27+00.0	62.0'	12"	1.0						723.85
28+00.0	63.0'	12"	1.0						724.20
28+50.0	67.0'	12"	1.0						723.60
29+51.0	86.0'	12"	1.0						720.60
30+49.0	92.0'	12"	1.0						720.50
33+49.0	75.0'	12"	1.0						724.10
34+49.0	73.0'	12"	1.0						724.10
35+50.0	73.0'	12"	1.0						723.85
36+38.0	72.0'	15"				1.0			723.50
40+55.0	74.0'	12"	1.0						722.20
41+24.0	79.0'	12"	1.0						721.10
41+99.0	78.0'	12"	1.0						720.90
42+75.0	79.0'	12"	1.0						720.50
43+49.0	81.0'	12"	1.0						720.00
43+55.0	82.0'	12"	1.0						720.00
47+00.0	74.0'	12"	1.0						715.90
48+00.0	68.0'	12"	1.0						717.30
49+00.0	66.0'	12"	1.0						717.70
50+00.0	67.0'	12"	1.0						718.00
51+00.0	68.0'	12"	1.0						718.40
52+00.0	72.0'	12"	1.0						718.80
52+27.0	76.0'	30"						1.0	718.53
52+75.0	77.0'	30"						1.0	718.56
53+45.0	79.0'	12"	1.0						719.00
53+50.0	77.0'	12"	1.0						719.00
53+98.0	81.0'	12"	1.0						719.20
54+25.0	81.0'	12"	1.0						719.50
54+94.0	87.0'	12"	1.0						719.50
54+95.0	85.0'	12"	1.0						719.50
55+60.0	87.0'	12"	1.0						719.80
55+77.0	95.0'	18"			1.0				719.90
56+26.0	90.0'	12"	1.0						720.20
56+45.0	95.0'	18"			1.0				720.20
56+95.0	91.0'	12"	1.0						720.30
57+56.0	91.0'	12"	1.0						720.60
57+72.0	93' RT	21"					1.0		720.40
SHARED-USE PATH TOTALS			31.0	1.0	2.0	1.0	2.0	1.0	
USE			31.0	1.0	2.0	1.0	2.0	1.0	

*Station and Elevation indicate outflow of End Section

PREFORMED JOINT SEAL 1 3/4"		
		52000020
		PREFORMED JOINT SEAL 1 3/4"
LOCATION	DESCRIPTION	FOOT
S.N. 010-0046		
SN 010-0046	280+86.50	214.0
S.N. 010-0046 TOTAL		214.0
ROUNDED		215.0

DECK SLAB REPAIR (PARTIAL)		
		Z0016200
		DECK SLAB REPAIR (PARTIAL)
LOCATION	DESCRIPTION	SQ YD
S.N. 010-0046		
SN 010-0046	280+86.50	67.0
S.N. 010-0046 TOTAL		67.0
USE		67.0

CONCRETE COLLAR					
					54248510
					CONCRETE COLLAR
					CU YD
SHARED-USE PATH					
53+45.0	79' RT	12"	1.0	0.25	0.25
53+98.0	81' RT	12"	1.0	0.25	0.25
54+95.0	85' RT	12"	1.0	0.25	0.25
55+77.0	95' RT	18"	1.0	0.35	0.35
56+45.0	95' RT	18"	1.0	0.35	0.35
SHARED-USE PATH TOTAL					1.5
ROUNDED					2.0

SCHEDULE OF QUANTITIES

INLETS TO BE ADJUSTED				
LOCATION	STA.	OFFSET	LT/RT	60260100 INLETS TO BE ADJUSTED EACH
FAP 800 (US45) - NB				
NB-US45	275+11.0	30.0	RT	1.0
NB-US45	276+77.0	30.0	RT	1.0
NB-US45	279+50.0	32.0	RT	1.0
NB-US45	281+94.0	30.0	RT	1.0
STA EQN 284+12.82 BK = 284+10.97 AH				
NB-US45	284+38.0	30.0	RT	1.0
NB-US45	285+94.0	30.0	RT	1.0
NB-US45	287+93.0	30.0	RT	1.0
NB-US45	288+00.0	30.0	RT	1.0
NB-US45	289+51.0	30.0	RT	1.0
KERR RT	291+43.0	77.0	RT	1.0
KERR RT	291+78.0	68.0	RT	1.0
NB-US44	292+32.0	30.0	RT	1.0
NB-US45	293+75.0	30.0	RT	1.0
NB-US45	296+49.0	30.0	RT	1.0
NB-US45	298+22.0	41.0	RT	1.0
NB-US45	298+99.0	30.0	RT	1.0
NB-US45	300+19.0	30.0	RT	1.0
NB-US46	301+95.0	30.0	RT	1.0
NB-US45	304+16.0	30.0	RT	1.0
STA EQN 304+41.63 BK = 104+44.80 AH				
NB-US45	105+78.0	30.0	RT	1.0
NB-US45	107+05.0	30.0	RT	1.0
NB-US45	108+38.0	45.0	RT	1.0
NB-US45	114+96.0	33.0	RT	1.0
NB-US45	118+92.0	33.0	RT	1.0
NB-US45	119+91.0	33.0	RT	1.0
NB-US45	121+00.0	33.0	RT	1.0
NB-US45	122+95.0	33.0	RT	1.0
NB-US45	123+43.0	66.0	RT	1.0
NB-US45	126+00.0	33.0	RT	1.0
FAP 800 NB SUB-TOTAL				29.0

MANHOLE FRAMES TO BE ADJUSTED				
(LOC) NB/SB	STA.	OFFSET	LT/RT	60300350 MANHOLE FRAMES TO BE ADJUSTED EACH
FAP 800				
NB	22 TOTAL MH FRAMES			
SB	13 TOTAL MH FRAMES			
(NB+SB=35 FRAMES)x30%				10.5
FAP 800 TOTAL				11.0
SHARED-USE PATH				
PATH	36+45.0	49'	RT	1.0
PATH	37+00.0	49'	RT	1.0
PATH	39+61.0	48'	RT	1.0
PATH	40+55.0	48'	RT	1.0
SHARED-USE PATH TOTAL				4.0
COMBINED FAP 800/SHARED-USE PATH				15.0

INLETS TO BE ADJUSTED (CONT.)				
LOCATION	STA.	OFFSET	LT/RT	60260100 INLETS TO BE ADJUSTED EACH
FAP 800 (US45) - SB				
SB-US45	27511	30.0	LT	1.0
SB-US45	27847	42.0	LT	1.0
SB-US45	27938	30.0	LT	1.0
SB-US45	28185	30.0	LT	1.0
SB-US45	28292	30.0	LT	1.0
SB-US45	28375	48.0	LT	1.0
STA EQN 284+12.82 BK = 284+10.97 AH				
SB-US45	28439	30.0	LT	1.0
SB-US45	28587	30.0	LT	1.0
SB-US45	28795	30.0	LT	1.0
SB-US45	28930	30.0	LT	1.0
SB-US45	29058	30.0	LT	1.0
KERR	29086	47.0	LT	1.0
KERR	29124	70.0	LT	1.0
SB-US45	29368	30.0	LT	1.0
SB-US45	29499	30.0	LT	1.0
SB-US45	29658	30.0	LT	1.0
SB-US45	29833	30.0	LT	1.0
SB-US45	30012	30.0	LT	1.0
SB-US45	30196	30.0	LT	1.0
SB-US45	30416	30.0	LT	1.0
STA EQN 304+41.63 BK = 104+44.80 AH				
SB-US45	105+52.0	30.0	LT	1.0
SB-US45	108+42.0	32.0	LT	1.0
SB-US45	114+98.0	33.0	LT	1.0
SB-US45	117+36.0	33.0	LT	1.0
SB-US45	118+92.0	33.0	LT	1.0
SB-US45	120+00.0	33.0	LT	1.0
SB-US45	121+00.0	33.0	LT	1.0
SB-US45	122+80.0	37.0	LT	1.0
KENYON	123+21.0	68.0	LT	1.0
KENYON	124+37.0	142.0	LT	1.0
SB-US45	126+00.0	33.0	LT	1.0
FAP 800 SB SUB-TOTAL				31.0
FAP 800 COMBINED TOTAL				60.0
USE				60.0

CATCH BASINS TO BE ADJUSTED				
LOCATION	STA.	OFFSET	LT/RT	60250200 CATCH BASINS TO BE ADJUSTED EACH
FAP 800 (US45) - NB				
NB-US45	283+14.0	30.0	RT	1.0
NB-US45	294+76.00	30.0	RT	1.0
NB-US45	117+36.00	33.0	RT	1.0
FAP 800 NB SUB-TOTAL				3.0
FAP 800 (US45) - SB				
SB-US45	276+77.0	28.0	LT	1.0
SB-US45	292+41.0	28.0	LT	1.0
FAP 800 SB SUB-TOTAL				2.0
FAP 800 COMBINED TOTAL				5.0
USE				5.0

CURB AND GUTTER								
LOCATION	DESCRIPTION	NB/SB	FROM STATION	TO STATION	LENGTH (FOOT)	44000500	60603800	60605000
						COMBINATION CURB AND GUTTER REMOVAL FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 FOOT
FAP 800 (US45 / CUNNINGHAM AVE) - NORTHBOUND								
LOC-3	SE QUAD US45/PARK ST	NB	274+14.0	274+28.0	16.0	16.0		16.0
LOC-4	NE QUAD US45/PARK ST	NB	274+82.0	274+91.0	12.0	12.0	12.0	
LOC-7	SE QUAD US45/CRYSTAL LAKE	NB	278+77.0	278+88.0	14.0	14.0	14.0	
LOC-8	NE QUAD US45/CRYSTAL LAKE	NB	279+42.0	279+48.0	11.0	11.0	11.0	
LOC-13	SE QUAD US45/KERR	NB	291+00.0	291+21.0	26.0	26.0	26.0	
LOC-14	NE QUAD US45/KERR	NB	291+76.0	292+30.0	74.0	74.0	74.0	
LOC-15	SE QUAD US45/OAKLAND	NB	298+11.0	298+21.0	13.0	13.0	13.0	
LOC-16	NE QUAD US45/OAKLAND	NB	298+65.0	298+81.0	27.0	27.0	27.0	
LOC-17	SE QUAD US45/THOMPSON ST	NB	105+02.0	105+13.0	10.0	10.0	10.0	
LOC-18	NE QUAD US45/THOMPSON ST	NB	105+55.0	105+62.0	10.0	10.0	10.0	
LOC-21	SE QUAD US45/PERKINS	NB	111+82.0	112+21.0	45.0	45.0		45.0
LOC-22	NE QUAD US45/PERKINS	NB	112+95.0	113+04.0	16.0	16.0		16.0
LOC-27	NE QUAD US45/FRONTAGE RD	NB	124+09.0	124+25.0	20.0	20.0		20.0
FAP 800 NB SUB-TOTALS						294.0	197.0	97.0
FAP 800 (US45 / CUNNINGHAM AVE) - SOUTHBOUND								
LOC-5	SW QUAD US45/CRYSTAL LAKE	SB	278+40.0	278+45.0	9.0	9.0	9.0	
LOC-6	NW QUAD US45/CRYSTAL LAKE	SB	279+05.0	279+16.0	13.0	13.0	13.0	
LOC-9	SW QUAD US45/BARR AVE	SB	283+66.0	283+73.0	11.0	11.0	11.0	
LOC-10	NW QUAD US45/BARR AVE	SB	284+14.0	284+24.0	13.0	13.0	13.0	
LOC-11	SW QUAD US45/KERR	SB	290+65.0	290+87.0	52.0	52.0	52.0	
LOC-12	NW QUAD US45/KERR	SB	291+44.0	291+65.0	25.0	25.0	25.0	
LOC-19	SW QUAD US45/COUNTRY CLUB	SB	111+43.0	111+53.0	23.0	23.0		23.0
LOC-20	NW QUAD US45/COUNTRY CLUB	SB	112+39.0	112+67.0	34.0	34.0		34.0
LOC-24	NW QUAD US45/KENYON	SB	124+10.0	124+22.0	19.0	19.0		19.0
LOC-25	KENYON RD CROSSING	SB	124+12.0	124+20.0	11.0	11.0		11.0
FAP 800 SB SUB-TOTALS						210.0	123.0	87.0
FAP 800 COMBINED TOTALS						504.0	320.0	184.0
FAP 800 ROUNDED						510.0	320.0	190.0
SHARED-USE PATH								
PATH LOC-28	I-74 EB ON-RAMP - SOUTH SIDE	PATH	31+84.0	31+96.0	18.0	18.0		18.0
PATH LOC-29	I-74 EB ON-RAMP - NORTH SIDE	PATH	32+35.0	32+35.0	23.0	23.0		23.0
PATH LOC-30	I-74 WB OFF-RAMP - SOUTH SIDE	PATH	44+00.0	44+00.0	17.0	17.0		17.0
PATH LOC-31	I-74 WB OFF-RAMP - NORTH SIDE	PATH	44+55.0	44+67.0	15.0	15.0		15.0
PATH LOC-32	SE QUAD US45/NAPLETON WAY	PATH	58+26.0	58+41.0	17.0	17.0		17.0
SHARED-USE PATH TOTALS						90.0	0.0	90.0
SHARED-USE PATH ROUNDED						90.0	0.0	90.0
GRAND TOTALS						600.0	320.0	280.0

MANHOLES			
STATION	OFFSET	60218300	60218400
		MANHOLES, TYPE A 4' - DIAMETER, TYPE 1 FRAME, OPEN LID EACH	MANHOLES, TYPE A 4' - DIAMETER, TYPE 1 FRAME, CLOSED LID EACH
SHARED-USE PATH			
124+30.4	64.5' RT	1.0	
58+08.5	83.7'		1.0
SHARED-USE PATH TOTALS		1.0	1.0
USE		1.0	1.0

SCHEDULE OF QUANTITIES

PAVEMENT MARKING - LINE 4"																											
LOCATION	LINE TYPE	DESCRIPTION	STA.	TO STA.	STA.	LENGTH (FOOT)	STRIPE WIDTH (INCH)	NO. OF YELLOW STRIPES	NO. OF WHITE STRIPES	70300100		70300150		70300220		78000200		78004210	X7830070	X7830077							
										SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL		TEMPORARY PAVEMENT MARKING - LINE 4"		THERMOPLASTIC PAVEMENT MARKING - LINE 4"		PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 11"							
										FOOT	WHITE	SQ FT	FOOT	WHITE	FOOT	WHITE	FOOT	WHITE	FOOT	FOOT							
FAP 800 (US45 / CUNNINGHAM AVE) - NORTHBOUND																											
US45	SD	NB LANE LINE	270+65.0		284+12.82	BK	1,347.8	4.0		0.25		404.3	44.9		337.0			337.0									
US45	SD	NB LANE LINE	284+10.97	AH	290+95.0		684.0	4.0		0.25		205.2	22.8		171.0			171.0									
US45	YELLOW	NB ISLAND	270+65.0		273+87.0		322.0	4.0	1.00					322.0			322.0										
US45	TWLT	NB TWLT	274+80.0		278+55.0		375.0	4.0	1.25		112.5		12.5	468.8			468.8				468.8						
US45	TWLT	NB TWLT	279+35.0		283+70.0		435.0	4.0	1.25		130.5		14.5	543.8			543.8				543.8						
US45	TWLT	NB TWLT	284+33.0		289+06.0		473.0	4.0	1.25		141.9		15.8	591.3			591.3				591.3						
US45	WHITE	NB LTL	289+65.0		290+90.0		125.0	4.0		1.00		37.5	4.2		125.0		125.0				125.0						
KERR	YELLOW	KERR-DBL YLW	SIDE ST-RT		SIDE ST-RT		48.0	4.0	2.0		14.4		1.6	96.0		96.0					48.0						
KERR	WHITE	KERR-LTL	SIDE ST-RT		SIDE ST-RT		42.0	4.0		1.00		12.6	1.4		42.0		42.0				42.0						
US45	SD	NB LANE LINE	291+76.0		304+41.63	BK	1,265.6	4.0		0.25		379.7	42.2		316.4			316.4									
US45	SD	NB LANE LINE	104+44.80	AH	111+77.0		732.2	4.0		0.25		219.7	24.4		183.1			183.1									
US45	YELLOW	NB DBL YLW	291+73.0		293+06.0		133.0	4.0	2.0		39.9		4.4	266.0		266.0					133.0						
US45	TWLT	NB TWLT	293+06.0		298+00.0		1,135.6	4.0	1.25		340.7		37.9	1,419.5		1,419.5					1,419.5						
US45	TWLT	NB TWLT	298+65.0		304+41.63	BK	576.6	4.0	1.25		173.0		19.2	720.8		720.8					720.8						
US45	TWLT	NB TWLT	104+44.80	AH	104+92.0		47.2	4.0	1.25		14.2		1.6	59.0		59.0					59.0						
US45	TWLT	NB TWLT	105+48.00		108+76.0		328.0	4.0	1.25		98.4		10.9	410.0		410.0					410.0						
US45	WHITE	NB LTL	109+35.0		111+77.0		242.0	4.0		1.00		72.6	8.1		242.0		242.0				242.0						
US45	WHITE	NB RTL	109+35.0		111+77.0		242.0	4.0		1.00		72.6	8.1		242.0		242.0				242.0						
US45	SD	NB LANE LINE	112+96.0		123+21.0		1,025.0	4.0		0.25		307.5	34.2		256.3		256.3										
US45	YELLOW	NB DBL YLW	112+96.0		115+83.0		287.0	4.0	2.0		86.1		9.6	574.0		574.0					287.0						
US45	TWLT	NB TWLT	115+83.0		121+47.0		564.0	4.0	1.25		169.2		18.8	705.0		705.0					705.0						
US45	WHITE	NB LTL	122+07.0		123+20.0		113.0	4.0		1.00		33.9	3.8		113.0		113.0				113.0						
FRONTAGE	WHITE	FRONTAGE-LTL	SIDE ST-RT		SIDE ST-RT		36.0	4.0		1.00		10.8	1.2		36.0		36.0				36.0						
US45	SD	NB LANE LINE	124+27.0		126+49.87	BK	222.9	4.0		0.25		66.9	7.4		55.7			55.7									
US45	SD	NB LANE LINE	26+50.00	AH	32+07.0		557.0	4.0		0.25		167.1	18.6		139.3			139.3									
US45	YELLOW	NB DBL YLW	124+28.0		125+35.0		107.0	4.0	2.0		32.1		3.6	214.0		214.0					214.0						
US45	YELLOW	NB ISLAND	125+35.0		126+49.87	BK	114.9	4.0	1.0					114.9		114.9					114.9						
US45	YELLOW	NB ISLAND	26+50.00	AH	32+15.0		565.0	4.0	1.0					565.0		565.0					565.0						
US45	WHITE	NB RTL	30+63.0		32+14.0		151.0	4.0		1.00		45.3	5.0		151.0		151.0				151.0						
US45	SD	NB LL EXT	I74 EB OFF		NB US45		102.0	4.0		0.33		30.6	3.4		34.0		34.0				34.0						
US45	YELLOW	NB ISLAND	32+90.0		43+50.0		1,060.0	4.0	1.0					1,060.0		1,060.0					1,060.0						
US45	SD	NB LANE LINE	32+94.00		43+42.0		1,048.0	4.0		0.25		314.4	34.9		262.0		262.0										
US45	WHITE	NB ILTL	41+20.00		43+42.0		222.0	4.0		1.00		66.6	7.4		222.0		222.0				222.0						
US45	WHITE	NB OLTL	41+20.00		43+42.0		222.0	4.0		1.00		66.6	7.4		222.0		222.0				222.0						
US45	SD	NB LL EXT	NB US45		I74 WB ON		94.0	4.0		0.33		28.2	3.1		31.3		31.3				31.3						
US45	SD	NB LANE LINE	44+50.00		49+00.0		450.0	4.0		0.25		135.0	15.0		112.5		112.5										
US45	YELLOW	NB ISLAND	44+20.00		49+00.0		480.0	4.0	1.0					480.0		480.0					480.0						
FAP 800 NB SUB-TOTALS										1,352.8	2,677.1		8,609.9	3,293.5	8,609.9	1,460.3											
FAP 800 NB TOTALS										4,029.9	447.7	11,903.4	10,070.3	1,833.1	8,920.3	682.0											

OLT = OUTSIDE LEFT TURN LANE SD = SKIP-DASH
 ILTL = INSIDE LEFT TURN LANE TWLT = TWO-WAY LEFT TURN
 IRTL = INSIDE RIGHT TURN LANE LL EXT = LANE LINE EXTENSION
 ORTL = OUTSIDE RIGHT TURN LANE

SCHEDULE OF QUANTITIES

PAVEMENT MARKING, LINE 4" (CONT.)																				
LOCATION	LINE TYPE	DESCRIPTION	STA.	TO STA.		LENGTH (FOOT)	STRIPE WIDTH (INCH)	NO. OF YELLOW STRIPES	NO. OF WHITE STRIPES	70300100		70300150	70300220		78000200		78004210	X7830070	X7830077	
										SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4"		THERMOPLASTIC PAVEMENT MARKING - LINE 4"		PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 11"	
										FOOT		SQ FT	FOOT		FOOT		FOOT	FOOT	FOOT	
										YELLOW	WHITE		YELLOW	WHITE	YELLOW	WHITE	WHITE			
FAP 800 (US45 / CUNNINGHAM AVE) - SOUTHBOUND																				
US45	YELLOW	SB ISLAND	270+65.0		273+87.0	421.0	4.0	1.00						421.0		421.0			421.0	
US45	WHITE	SB IRTL	270+65.0		272+02.0	137.0	4.0		1.00		41.1	4.6		137.0		137.0			137.0	
US45	SD	SB LANE LINE	270+65.0		284+12.82	1,347.8	4.0		0.25		404.3	44.9		337.0				337.0		
US45	SD	SB LANE LINE	284+10.97	AH	290+86.0	675.0	4.0		0.25		202.5	22.5		168.8				168.8		
US45	WHITE	SB IRTL	270+65.0		271+35.0	70.0	4.0		1.00		21.0	2.3		70.0		70.0			70.0	
US45	WHITE	SB ORTL	270+65.0		271+35.0	70.0	4.0		1.00		21.0	2.3		70.0		70.0			70.0	
US45	SD	SB LL EXT	271+35.0		272+26.0	91.0	4.0		0.33		27.3	3.0		30.0				30.0		
US45	TWLT	SB TWLT	274+80.0		278+55.0	375.0	4.0	1.25			112.5		12.5	468.8		468.8			468.8	
US45	TWLT	SB TWLT	279+35.0		283+70.0	435.0	4.0	1.25			130.5		14.5	543.8		543.8			543.8	
US45	TWLT	SB TWLT	284+33.0		289+06.0	473.0	4.0	1.25			141.9		15.8	591.3		591.3			591.3	
US45	YELLOW	SB DBL YLW	289+06.0		290+88.0	182.0	4.0	2.00			54.6		6.1	364.0		364.0				182.0
KERR	YELLOW	KERR-DBL YLW	SIDE ST-LT		SIDE ST-LT	268.0	4.0	2.00			80.4		8.9	536.0		536.0				268.0
KERR	WHITE	KERR- LTL	SIDE ST-LT		SIDE ST-LT	50.0	4.0		1.00		15.0		1.7		50.0		50.0			50.0
US45	WHITE	SB LTL	291+69.0		292+46.0	77.0	4.0		1.00		23.1		2.6	77.0		77.0			77.0	
US45	SD	SB LANE LINE	291+65.0		304+41.63	1,276.6	4.0		0.25		383.0	42.6		319.2				319.2		
US45	SD	SB LANE LINE	104+44.80	AH	111+62.0	717.2	4.0		0.25		215.2	23.9		179.3				179.3		
US45	TWLT	SB TWLT	293+06.0		298+00.0	494.0	4.0	1.25			148.2		16.5	617.5		617.5			617.5	
US45	TWLT	SB TWLT	298+65.0		304+41.63	576.6	4.0	1.25			173.0		19.2	720.8		720.8			720.8	
US45	TWLT	SB TWLT	104+44.80	AH	104+92.0	47.2	4.0	1.25			14.2		1.6	59.0		59.0			59.0	
US45	TWLT	SB TWLT	105+48.0		108+76.0	328.0	4.0	1.25			98.4		10.9	410.0		410.0			410.0	
US45	YELLOW	SB DBL YLW	108+76.0		111+62.0	286.0	4.0	2.00			85.8		9.5	572.0		572.0			572.0	286.0
US45	SD	SB LANE LINE	112+84.0		123+20.0	1,036.0	4.0		0.25		310.8	34.5		259.0				259.0		
US45	WHITE	SB LTL	112+84.0		115+24.0	240.0	4.0		1.00		72.0	8.0		240.0		240.0			240.0	
US45	TWLT	SB TWLT	115+83.0		121+47.0	564.0	4.0	1.25			169.2		18.8	705.0		705.0			705.0	
US45	YELLOW	SB DBL YLW	121+47.0		123+20.0	173.0	4.0	2.00			51.9		5.8	346.0		346.0				173.0
US45	WHITE	SB LTL	124+28.0		124+96.0	68.0	4.0		1.00		20.4	2.3		68.0		68.0			68.0	
US45	SD	SB LANE LINE	124+28.0		126+49.87	221.9	4.0		0.25		66.6	7.4		55.5				55.5		
US45	SD	SB LANE LINE	26+50.00	AH	31+96.0	546.0	4.0		0.25		163.8	18.2		136.5				136.5		
US45	YELLOW	SB ISLAND	125+35.0		126+49.87	114.9	4.0	1.00						114.9		114.9			114.9	
US45	YELLOW	SB ISLAND	26+50.00	AH	32+15.0	565.0	4.0	1.00						565.0		565.0			565.0	
US45	SD	SB LL EXT	174 EB OFF		SB US45	84.0	4.0		0.33		25.2	2.8		27.7				27.7		
US45	WHITE	SB LANE LINE	32+97.0		34+49.0	152.0	4.0		1.00		45.6	5.1		152.0		152.0			152.0	
US45	SD	SB LANE LINE	32+97.0		43+45.0	1,048.0	4.0		0.25		314.4	34.9		262.0				262.0		
US45	YELLOW	SB ISLAND	32+90.0		43+50.0	1,060.0	4.0	1.00						1,060.0		1,060.0			1,060.0	
US45	YELLOW	SB ISLAND	44+20.0		49+00.0	480.0	4.0	1.00						480.0		480.0			480.0	
US45	SD	SB LANE LINE	44+48.0		49+00.0	452.0	4.0		0.25		135.6	15.1		113.0				113.0		
US45	WHITE	SB RTL	44+64.0		47+30.0	266.0	4.0		1.00		79.8	8.9		266.0		266.0			266.0	
FAP 800 SB SUB-TOTALS										1,260.5	2,587.7			8,574.9	3,017.9	8,574.9	1,187.8			
FAP 800 SB TOTALS										3,848.2		427.5		11,592.8		9,762.7		1,830.1	8,516.7	909.0
FAP 800 COMBINED										7,878.1		875.3		23,496.2		19,832.9		3,663.3	17,436.9	1,591.0
ROUNDED										7,880.0		880.0		23,500.0		19,840.0		3,670.0	17,440.0	1,600.0

OLTL = OUTSIDE LEFT TURN LANE SD = SKIP-DASH
 ILTL = INSIDE LEFT TURN LANE TWLT = TWO-WAY LEFT TURN
 IRTL = INSIDE RIGHT TURN LANE LL EXT = LANE LINE EXTENSION
 ORTL = OUTSIDE RIGHT TURN LANE

SCHEDULE OF QUANTITIES

PAVEMENT MARKING - LINE 6"							
ITEM	LOCATION	NEAR STA.	OFFSET	70300240	78000400	X7830074	
				TEMPORARY PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	
				FOOT	FOOT	FOOT	
FAP 800 (US45)							
CROSSWALK	S CROSSWALK AT US 45/KERR	290+96.0	LT & RT	147.0	147.0	147.0	
CROSSWALK	N CROSSWALK AT US 45/KERR	291+62.0	LT & RT	163.0	163.0	163.0	
CROSSWALK	W CROSSWALK AT US 45/KERR	291+16.0	38' LT	118.0	118.0	118.0	
CROSSWALK	E CROSSWALK AT US 45/KERR	291+48.0	42' RT	118.0	118.0	118.0	
STA EQN 304+41.63 BK = 104+44.80 AH							
CROSSWALK	S CROSSWALK AT US 45/PERKINS	111+82.0	LT & RT	223.0	223.0	223.0	
CROSSWALK	N CROSSWALK AT US 45/PERKINS	112+78.0	LT & RT	190.0	190.0	190.0	
CROSSWALK	W CROSSWALK AT US 45/COUNTRY CLUB	112+00.0	54' LT	182.0	182.0	182.0	
CROSSWALK	E CROSSWALK AT US 45/PERKINS	112+52.0	58' RT	162.0	162.0	162.0	
CROSSWALK	N CROSSWALK AT US 45/KENYON RD	124+20.0	LT & RT	161.0	161.0	161.0	
CROSSWALK	W CROSSWALK AT US 45/KENYON RD	123+50.0	42' LT	246.0	246.0	246.0	
CROSSWALK	E CROSSWALK AT US 45/FRONTAGE RD	123+72.0	42' RT	165.0	165.0	165.0	
STOP ISLAND	KENYON RD	123+51.0	67' LT	59.0	59.0	59.0	
RADIUS OUTLINE	TURN RADIUS OUTLINE KENYON RD	124+06.0	80' LT	160.0	160.0	160.0	
STA EQN 126+49.87 BK = 26+50.00 AH							
STOP ISLAND	I-74 EB ON-RAMP STOP ISLAND	32+04.0	40' RT	75.0	75.0	75.0	
CROSSWALK	I-74 EB ON-RAMP CROSSWALK	32+10.0	66' RT	80.0	80.0	80.0	
CROSSWALK	I-74 WB OFF-RAMP CROSSWALK	44+30.0	53' RT	105.0	105.0	105.0	
STOP ISLAND	I-74 WB ON-RAMP STOP ISLAND	44+50.0	50' LT	75.0	75.0	75.0	
				FAP 800 TOTALS	2429.0	2429.0	2429.0
				ROUNDED	2430.0	2430.0	2430.0

PAVEMENT MARKING - LINE 24"										
ITEM	NB/SB	LOCATION	FROM STA.	OFFSET	TO STA.	OFFSET	70300280	78000650	X7830090	
							TEMPORARY PAVEMENT MARKING - LINE 24"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	
							FOOT	FOOT	FOOT	
US 45 / KERR INTERSECTION										
STOP BAR	NB	US 45 AT KERR-LT TURN	290+87.5	5' LT	290+87.5	5' RT	10.0	10.0	10.0	
STOP BAR	NB	US 45 AT KERR	290+91.5	5' RT	290+91.5	29' RT	24.0	24.0	24.0	
STOP BAR	SB	US 45 AT KERR	291+68.5	5' LT	291+68.5	29' LT	24.0	24.0	24.0	
STOP BAR	SB	US 45 AT KERR-LT TURN	291+72.5	5' LT	291+72.5	6' RT	11.0	11.0	11.0	
STOP BAR	SIDE	KERR LT	79+69.0	9' LT	79+78.0	20' RT	30.0	30.0	30.0	
STOP BAR	SIDE	KERR RT	80+78.0	0' LT	80+93.00	25' LT	29.0	29.0	29.0	
US 45 / PERKINS/COUNTRY CLUB INTERSECTION										
STOP BAR	NB	US 45 AT PERKINS-LT TURN	111+62.0	6' LT	111+62.0	6' RT	12.0	12.0	12.0	
STOP BAR	NB	US 45 AT PERKINS	111+78.0	6' RT	111+78.0	46' RT	40.0	40.0	40.0	
STOP BAR	SB	US 45 AT COUNTRY CLUB	112+83.0	33' LT	112+83.0	6' LT	27.0	27.0	27.0	
STOP BAR	SB	US 45 AT COUNTRY CLUB-LT TURN	112+96.0	6' LT	112+96.0	6' RT	12.0	12.0	12.0	
US 45 / KENYON INTERSECTION										
STOP BAR	NB	US 45 AT FRONTAGE RD	123+21.0	5' LT	123+21.0	39' RT	44.0	44.0	44.0	
STOP BAR	SB	US 45 AT KENYON RD	124+28.0	38' LT	124+28.0	6' RT	44.0	44.0	44.0	
STOP BAR	SIDE	KENYON RD-RT TURN	123+16.0	61' LT	123+31.0	49' LT	19.0	19.0	19.0	
STOP BAR	SIDE	KENYON RD	123+54.0	49.5' LT	123+70.0	50.5' LT	17.0	17.0	17.0	
STOP BAR	SIDE	FRONTAGE RD	123+78.0	51.5' RT	124+07.0	52' RT	31.0	31.0	31.0	
US 45 / I-74 EB ON-RAMP/I-74 EB OFF-RAMP										
STOP BAR	NB	US 45 AT I-74 EB ON-RAMP	32+07.0	6' RT	32+07.0	30' RT	24.0	24.0	24.0	
STOP BAR	NB	US 45 AT I-74 EB ON-RAMP-RT TURN	31+80.5	60' RT	31+98.5	44' RT	24.0	24.0	24.0	
STOP BAR	SB	US 45 AT I-74 EB OFF-RAMP	32+96.0	36' LT	32+96.0	0' RT	36.0	36.0	36.0	
US 45 / I-74 WB ON-RAMP/I-74 WB OFF-RAMP										
STOP BAR	NB	US 45 AT I-74 WB OFF-RAMP	43+43.0	10' LT	43+43.0	39' RT	49.0	49.0	49.0	
STOP BAR	SIDE	I-74 WB OFF-RAMP	44+07.0	61' RT	44+48.0	61' RT	42.0	42.0	42.0	
STOP BAR	SB	US 45 AT I-74 WB ON-RAMP	44+48.0	39' LT	44+48.0	15' LT	24.0	24.0	24.0	
STOP BAR	SB	US 45 AT I-74 WB ON-RAMP-RT TURN	44+59.0	47' LT	44+81.0	65' LT	29.0	29.0	29.0	
							FAP 800 TOTALS	602.0	602.0	602.0
							ROUNDED	610.0	610.0	610.0

PAVEMENT MARKING REMOVAL			
NB/SB	STATION	DESCRIPTION	X0327980
			PAVEMENT MARKING REMOVAL - WATER BLASTING SQ FT
NB	44+25.0	STOP BAR - I74 WB OFF-RAMP	88.0
FAP 800 TOTAL			88.0
USE			90.0

PAVEMENT MARKING - LINE 12"							
ITEM	LOCATION	NEAR STA.	OFFSET	70300260	78000600	X7830078	
				TEMPORARY PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	
				FOOT	FOOT	FOOT	
FAP 800 (US45 / CUNNINGHAM AVE)							
LANE SEPARATION	KERR AVE	290+70.0	150' LT	70.0	70.0	70.0	
STA EQN 304+41.63 BK = 104+44.80 AH							
STOP ISLAND	KENYON RD	123+52.0	67' LT	27.0	27.0	27.0	
RADIUS OUTLINE	KENYON RD	123+73.0	67' LT	66.0	66.0	66.0	
LANE SEPARATION	KENYON RD	123+73.0	67' LT	26.0	26.0	26.0	
LANE SEPARATION	FRONTAGE RD	123+76.0	70' RT	29.0	29.0	29.0	
STA EQN 126+49.87 BK = 26+50.00 AH							
STOP ISLAND	I-74 EB ON-RAMP	32+05.0	40' RT	32.0	32.0	32.0	
STOP ISLAND	I-74 WB ON-RAMP	44+50.0	50' LT	38.0	38.0	38.0	
				FAP 800 SUB-TOTALS	125.0	163.0	288.0
				FAP 800 TOTALS	288.0	288.0	288.0
				ROUNDED	290.0	290.0	290.0

SCHEDULE OF QUANTITIES

PAVEMENT MARKING - LETTERS AND SYMBOLS							
LOCATION	SYMBOL	STA.	OFFSET	LT/RT	70300210	78000100	X7830060
					TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
					SQ FT	SQ FT	SQ FT
FAP 800 (US45 / CUNNINGHAM AVE) - NB							
NB-US45	TWLT	275+22.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	276+68.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	278+13.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	279+77.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	281+53.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	283+28.0	0'	CTR	31.2	31.2	31.2
STA EQN 284+12.82 BK = 284+10.97 AH							
NB-US45	TWLT	284+75.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	286+70.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	288+64.0	0'	CTR	31.2	31.2	31.2
NB-US45	LT ARROW	289+66.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	290+17.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	290+68.5	0'	CTR	15.6	15.6	15.6
KERR RT	LT ARROW	291+60.0	66'	RT	15.6	15.6	15.6
KERR RT	LT ARROW	291+69.0	91'	RT	15.6	15.6	15.6
NB-US45	TWLT	293+48.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	295+53.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	297+58.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	299+07.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	300+87.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	302+67.0	0'	CTR	31.2	31.2	31.2
STA EQN 304+41.63 BK = 104+44.80 AH							
NB-US45	TWLT	104+50.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	105+90.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	108+46.0	0'	CTR	31.2	31.2	31.2
NB-US45	LT ARROW	109+36.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	110+05.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	110+74.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	111+44.0	0'	CTR	15.6	15.6	15.6
NB-US45	RT ARROW	109+36.0	38'	RT	15.6	15.6	15.6
NB-US45	RT ARROW	110+11.0	38'	RT	15.6	15.6	15.6
NB-US45	RT ARROW	110+86.0	38'	RT	15.6	15.6	15.6
NB-US45	RT ARROW	111+60.0	38'	RT	15.6	15.6	15.6
NB-US45	TWLT	116+25.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	117+85.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	119+45.0	0'	CTR	31.2	31.2	31.2
NB-US45	TWLT	121+05.0	0'	CTR	31.2	31.2	31.2
NB-US45	LT ARROW	122+07.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	122+55.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	123+02.0	0'	CTR	15.6	15.6	15.6
STA EQN 126+49.87 BK = 26+50.00 AH							
NB-US45	RT ARROW	30+63.0	35'	RT	15.6	15.6	15.6
NB-US45	RT ARROW	31+19.0	35'	RT	15.6	15.6	15.6
NB-US45	RT ARROW	31+74.0	41'	RT	15.6	15.6	15.6
NB-US45	LT ARROW	41+20.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	41+20.0	10'	RT	15.6	15.6	15.6
NB-US45	LT ARROW	41+88.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	41+88.0	10'	RT	15.6	15.6	15.6
NB-US45	LT ARROW	42+56.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	42+56.0	10'	RT	15.6	15.6	15.6
NB-US45	LT ARROW	43+24.0	0'	CTR	15.6	15.6	15.6
NB-US45	LT ARROW	43+24.0	10'	RT	15.6	15.6	15.6
FAP 800 NB SUB-TOTALS					1107.6	1107.6	1107.6

*STA/OFFSET FOR "TWLT" IS FOR A POINT CENTERED BETWEEN ARROWS
 **STA/OFFSET FOR "LT ARROW" AND "RT ARROW" IS FOR A POINT ON THE TAIL OF THE ARROW

PAVEMENT MARKING - LETTERS AND SYMBOLS (CONT.)							
LOCATION	SYMBOL	STA.	OFFSET	LT/RT	70300210	78000100	X7830060
					TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
					SQ FT	SQ FT	SQ FT
FAP 800 (US45 / CUNNINGHAM AVE) - SB							
SB-US45	LT ARROW	271+35.0	0'	CTR	15.6	15.6	15.6
SB-US45	LT ARROW	272+02.0	0'	CTR	15.6	15.6	15.6
SB-US45	RT ARROW	271+35.0	38'	LT	15.6	15.6	15.6
SB-US45	RT ARROW	271+35.0	51'	LT	15.6	15.6	15.6
STA EQN 284+12.82 BK = 284+10.97 AH							
KERR LT	LT ARROW	291+05.0	65'	LT	15.6	15.6	15.6
KERR LT	LT ARROW	290+93.0	96'	LT	15.6	15.6	15.6
SB-US45	LT ARROW	291+91.5	0'	CTR	15.6	15.6	15.6
SB-US45	LT ARROW	292+46.0	0'	CTR	15.6	15.6	15.6
STA EQN 304+41.63 BK = 104+44.80 AH							
SB-US45	LT ARROW	113+15.0	0'	CTR	15.6	15.6	15.6
SB-US45	LT ARROW	113+84.0	0'	CTR	15.6	15.6	15.6
SB-US45	LT ARROW	114+54.0	0'	CTR	15.6	15.6	15.6
SB-US45	LT ARROW	115+23.0	0'	CTR	15.6	15.6	15.6
SB-US45	LT ARROW	124+47.0	0'	CTR	15.6	15.6	15.6
SB-US45	LT ARROW	124+96.0	0'	CTR	15.6	15.6	15.6
STA EQN 126+49.87 BK = 26+50.00 AH							
SB-US45	LT ARROW	33+15.0	6'	LT	15.6	15.6	15.6
SB-US45	LT ARROW	33+82.0	6'	LT	15.6	15.6	15.6
SB-US45	LT ARROW	34+49.0	6'	LT	15.6	15.6	15.6
SB-US45	RT ARROW	44+86.0	46'	LT	15.6	15.6	15.6
SB-US45	RT ARROW	45+67.0	43'	LT	15.6	15.6	15.6
SB-US45	RT ARROW	46+47.0	43'	LT	15.6	15.6	15.6
SB-US45	RT ARROW	47+27.0	42'	LT	15.6	15.6	15.6
FAP 800 SB SUB-TOTALS					327.6	327.6	327.6
FAP 800 COMBINED TOTALS					1435.2	1435.2	1435.2
ROUNDED					1440.0	1440.0	1440.0

*STA/OFFSET FOR "TWLT" IS FOR A POINT CENTERED BETWEEN ARROWS
 **STA/OFFSET FOR "LT ARROW" AND "RT ARROW" IS FOR A POINT ON THE TAIL OF THE ARROW

SIGN SCHEDULE									
LOCATION NUMBER	LOCATION DESCRIPTION	TO STATION OFFSET	SIGN NO.	SIGN SIZE	SIGN AREA (SQ FT)	72000100	72400710	72900100	73000100
						SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL - TYPE 1	METAL POST - TYPE A	WOOD SIGN SUPPORT
						EACH	SQ FT	FOOT	FOOT
SHARED-USE PATH									
27	NE QUAD US45/FRONTAGE RD	(SEE PLANS/DETAILS)	R1-1	18"x18"	2.25	2.3		10.0	
28	S CROSSING, I74 EB ON-RAMP	(SEE PLANS/DETAILS)	R1-1	18"x18"	2.25	2.3		10.0	
*28	S CROSSING, I74 EB ON-RAMP	STA. 31+37, 51.5' RT	R3-2	36"x36"	9.0		9.0		15.0
29	N CROSSING, I74 EB ON-RAMP	(SEE PLANS/DETAILS)	R1-1	18"x18"	2.25	2.3		10.0	
30	S CROSSING, I74 WB OFF-RAMP	(SEE PLANS/DETAILS)	R1-1	18"x18"	2.25	2.3		10.0	
*30	S CROSSING, I74 WB OFF-RAMP	STA. 43+66, 44.4' RT	R3-1	36"x36"	9.0		9.0		15.0
31	N CROSSING, I74 WB OFF-RAMP	(SEE PLANS/DETAILS)	R1-1	18"x18"	2.25	2.3		10.0	
33	SPUR TO VANCE RD	(SEE PLANS/DETAILS)	R1-1	18"x18"	2.25	2.3		10.0	
33	SPUR TO VANCE RD	(SEE PLANS/DETAILS)	R5-3	24"x24"	4.00	4.0		10.5	
*N/A	VANCE RD NB	(SEE PLANS/DETAILS)	W11-15	30"x30"	6.25	6.3			16.5
			W16-7P	24"x12"	2.00	2.0			
*N/A	VANCE RD SB	(SEE PLANS/DETAILS)	W11-15	30"x30"	6.25	6.3			16.5
			W16-7P	24"x12"	2.00	2.0			
TOTAL SHARED-USE PATH						34.0	18.0	70.5	63.0
ROUNDED						35.0	18.0	71.0	63.0

*BOTTOM OF SIGNS USING 'WOOD SIGN SUPPORT' SHALL BE 7FT MIN. FROM GROUND LEVEL

SCHEDULE OF QUANTITIES

RAISED REFLECTIVE PAVEMENT MARKERS											
LOCATION	LINE TYPE	DESCRIPTION	STA.	TO	STA.	LENGTH (FOOT)	78100100 RAISED REFLECTIVE PAVEMENT MARKER		78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL		
							EACH		EACH		
							AMBER	CRYSTAL	AMBER	CRYSTAL	
FAP 800 (US45 / CUNNINGHAM AVE) - NB											
US45	SKIP DASH	NB LANE LINE	270+65.0		280+52.00	987.0		13.0		13.0	
US45	SKIP DASH	NB LANE LINE	281+22.0		284+12.82	BK 290.8		4.0		4.0	
US45	SKIP DASH	NB LANE LINE	284+10.97	AH	290+95.0	684.0		9.0		9.0	
US45	TWLT	NB TWLT	275+04.0		278+42.0	338.0	9.0		9.0		
US45	TWLT	NB TWLT	279+59.0		280+52.0	93.0	3.0		3.0		
US45	TWLT	NB TWLT	281+22.0		283+53.0	231.0	6.0		6.0		
US45	TWLT	NB TWLT	284+33.0		289+16.0	483.0	13.0		13.0		
US45	WHITE	NB LTL	289+65.0		290+90.0	125.0		4.0		4.0	
KERR	YELLOW	KERR-DBL YLW	SIDE ST-RT		SIDE ST-RT	48.0	6.0		6.0		
KERR	WHITE	KERR-LTL	SIDE ST-RT		SIDE ST-RT	42.0		3.0		3.0	
US45	SKIP DASH	NB LANE LINE	291+76.0		304+41.63	BK 1,265.6		16.0		16.0	
US45	SKIP DASH	NB LANE LINE	104+44.80	AH	111+77.0	732.2		10.0		10.0	
US45	YELLOW	NB DBL YLW	291+73.0		293+00.0	127.0	8.0		8.0		
US45	TWLT	NB TWLT	293+00.0		298+00.0	1,141.6	29.0		29.0		
US45	TWLT	NB TWLT	298+94.0		304+41.63	BK 547.6	14.0		14.0		
US45	TWLT	NB TWLT	104+44.80	AH	104+92.0	47.2	2.0		2.0		
US45	TWLT	NB TWLT	105+72.00		108+88.0	316.0	8.0		8.0		
US45	WHITE	NB LTL	109+35.0		111+77.0	242.0		7.0		7.0	
US45	WHITE	NB RTL	109+35.0		111+77.0	242.0		7.0		7.0	
US45	SKIP DASH	NB LANE LINE	112+96.0		123+21.0	1,025.0		13.0		13.0	
US45	YELLOW	NB DBL YLW	112+96.0		115+61.0	265.0	14.0		14.0		
US45	TWLT	NB TWLT	115+61.0		121+51.0	590.0	15.0		15.0		
US45	WHITE	NB LTL	122+07.0		123+20.0	113.0		3.0		3.0	
FRONTAGE	WHITE	FRONTAGE-LTL	SIDE ST-RT		SIDE ST-RT	36.0		3.0		3.0	
US45	SKIP DASH	NB LANE LINE	124+27.0		126+49.87	BK 222.9		3.0		3.0	
US45	SKIP DASH	NB LANE LINE	26+50.00	AH	32+07.0	557.0		7.0		7.0	
US45	YELLOW	NB DBL YLW	124+28.0		125+35.0	107.0	6.0		6.0		
US45	WHITE	NB RTL	30+63.0		32+14.0	151.0		4.0		4.0	
US45	SKIP DASH	NB LANE LINE	32+94.00		43+42.0	1,048.0		14.0		14.0	
US45	WHITE	NB ILTL	41+20.00		43+42.0	222.0		6.0		6.0	
US45	WHITE	NB OLTL	41+20.00		43+42.0	222.0		6.0		6.0	
US45	SKIP DASH	NB LANE LINE	44+50.00		49+00.0	450.0		6.0		6.0	
FAP 800 NB SUB-TOTALS							133.0	138.0	133.0	138.0	
FAP 800 NB TOTALS							271.0	271.0	271.0	271.0	

OLTL = OUTSIDE LEFT TURN LANE ORTL = OUTSIDE RIGHT TURN LANE
 ILTL = INSIDE LEFT TURN LANE TWLT = TWO-WAY LEFT TURN
 IRTL = INSIDE RIGHT TURN LANE LL EXT = LANE LINE EXTENSION

HANDHOLE TO BE ADJUSTED				
LOCATION	DESCRIPTION	STATION	OFFSET	X8140115 HANDHOLE TO BE ADJUSTED
				EACH
FAP 800 / US45				
11	SW COR. KERR/US45	290+63.0	32.9' LT	1.0
24	NW COR. KENYON/US45	124+17.0	49.4' LT	1.0
27	NE COR. FRONTAGE/US45	124+19.0	49.6' RT	1.0
FAP 800 TOTAL				3.0
SHARED-USE PATH				
N/A	N/A	28+80.0	41.5' RT	1.0
29	N SIDE I-74 EB ON-RAMP	32+42.0	57.4' RT	1.0
N/A	N/A	41+47.0	46.5' RT	1.0
31	N SIDE I-74 WB OFF-RAMP	44+66.0	55.6' RT	1.0
32	SE COR. NAPLETON/US45	58+37.0	65.9' RT	1.0
SHARED-USE PATH TOTAL				5.0
COMBINED TOTAL				8.0

RAISED REFLECTIVE PAVEMENT MARKERS (CONT.)											
LOCATION	LINE TYPE	DESCRIPTION	STA.	TO	STA.	LENGTH (FOOT)	78100100 RAISED REFLECTIVE PAVEMENT MARKER		78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL		
							EACH		EACH		
							AMBER	CRYSTAL	AMBER	CRYSTAL	
FAP 800 (US45 / CUNNINGHAM AVE) - SB											
US45	WHITE	SB ILTL	270+65.0		272+02.0	137.0		4.0		4.0	
US45	SKIP DASH	SB LANE LINE	270+65.0		280+52.00	987.0		13.0		13.0	
US45	SKIP DASH	SB LANE LINE	281+22.0		284+12.82	BK 290.8		4.0		4.0	
US45	SKIP DASH	SB LANE LINE	284+10.97	AH	290+86.0	675.0		9.0		9.0	
US45	WHITE	SB IRTL	270+65.0		271+40.0	75.0		2.0		2.0	
US45	WHITE	SB ORTL	270+65.0		271+40.0	75.0		2.0		2.0	
US45	SKIP DASH	SB LL EXT	271+40.0		272+26.0	86.0					
US45	TWLT	SB TWLT	275+04.0		278+42.0	338.0	9.0		9.0		
US45	TWLT	SB TWLT	279+59.0		280+52.0	93.0	3.0		3.0		
US45	TWLT	SB TWLT	281+22.0		283+53.0	231.0	6.0		6.0		
US45	TWLT	SB TWLT	284+33.0		289+16.0	483.0	13.0		13.0		
US45	YELLOW	SB DBL YLW	289+16.0		290+86.0	170.0	10.0		10.0		
KERR	YELLOW	KERR-DBL YLW	SIDE ST-LT		SIDE ST-LT	268.0	12.0		12.0		
KERR	WHITE	KERR- LTL	SIDE ST-LT		SIDE ST-LT	50.0		3.0		3.0	
US45	WHITE	SB LTL	291+69.0		292+46.0	77.0		3.0		3.0	
US45	SKIP DASH	SB LANE LINE	291+65.0		304+41.63	BK 1,276.6		16.0		16.0	
US45	SKIP DASH	SB LANE LINE	104+44.80	AH	111+62.0	717.2		9.0		9.0	
US45	TWLT	SB TWLT	293+00.0		298+00.0	500.0	13.0		13.0		
US45	TWLT	SB TWLT	298+94.0		304+41.63	BK 547.6	14.0		14.0		
US45	TWLT	SB TWLT	104+44.80	AH	104+92.0	47.2	2.0		2.0		
US45	TWLT	SB TWLT	105+72.0		108+88.0	316.0	8.0		8.0		
US45	YELLOW	SB DBL YLW	108+88.0		111+62.0	274.0	14.0		14.0		
US45	SKIP DASH	SB LANE LINE	112+84.0		123+20.0	1,036.0		13.0		13.0	
US45	WHITE	SB LTL	112+84.0		115+24.0	240.0		6.0		6.0	
US45	TWLT	SB TWLT	115+61.0		121+51.0	590.0	15.0		15.0		
US45	YELLOW	SB DBL YLW	121+51.0		123+20.0	169.0	10.0		10.0		
US45	WHITE	SB LTL	124+28.0		124+96.0	68.0		3.0		3.0	
US45	SKIP DASH	SB LANE LINE	124+28.0		126+49.87	BK 221.9		3.0		3.0	
US45	SKIP DASH	SB LANE LINE	26+50.00	AH	31+96.0	546.0		7.0		7.0	
US45	WHITE	SB LANE LINE	32+97.0		34+49.0	152.0		2.0		2.0	
US45	SKIP DASH	SB LANE LINE	32+97.0		43+45.0	1,048.0		14.0		14.0	
US45	SKIP DASH	SB LANE LINE	44+48.0		49+00.0	452.0		6.0		6.0	
US45	WHITE	SB RTL	44+64.0		47+30.0	266.0		7.0		7.0	
FAP 800 SB SUB-TOTALS							129.0	126.0	129.0	126.0	
FAP 800 SB TOTALS							255.0	255.0	255.0	255.0	
FAP 800 COMBINED TOTALS							526.0	526.0	526.0	526.0	
ROUNDED							530.0	530.0	530.0	530.0	

OLTL = OUTSIDE LEFT TURN LANE ORTL = OUTSIDE RIGHT TURN LANE
 ILTL = INSIDE LEFT TURN LANE TWLT = TWO-WAY LEFT TURN
 IRTL = INSIDE RIGHT TURN LANE LL EXT = LANE LINE EXTENSION

CONCRETE FOUNDATION, TYPE A				
LOCATION	DESCRIPTION	STATION	OFFSET	87800100 CONCRETE FOUNDATION, TYPE A
				FOOT
FAP 800 (US45 / CUNNINGHAM AVE) - MAINLINE				
19	SW QUAD - US 45/COUNTRY CLUB RD	111+38.0	60.5' LT	3.1
21	SE QUAD - US 45/PERKINS RD	111+92.0	65.1' RT	3.1
FAP 800 TOTAL				6.2
SHARED-USE PATH				
30	S SIDE - I74 WB OFF-RAMP	43+96.5	61.0' RT	3.1
SHARED-USE PATH TOTAL				3.1
COMBINED TOTAL				9.3

DETECTOR LOOP		
LOCATION	88600100 DETECTOR LOOP, TYPE 1	
	FOOT	
US45 AT KERR	820.0	
US45 AT PERKINS/COUNTRY CLUB	718.0	
US45 AT KENYON/FRONTAGE	1043.0	
US45 AT I-74 EB RAMPS	632.0	
US45 AT I-74 WB RAMPS	844.0	
FAP 800 TOTAL		4,057.0

SCHEDULE OF QUANTITIES

TRAFFIC SIGNAL ITEMS										
LOCATION	DESCRIPTION	87601200 PEDESTRIAN PUSH-BUTTON POST, TYPE II GALVANIZED STEEL, TYPE II EACH	87900200 DRILL EXISTING HANDHOLE EACH	88102825 PED. SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE,BRACKET MOUNTED WITH COUNTDOWN TIMER EACH	88800100 PEDESTRIAN PUSH- BUTTON EACH	89500100 RELOCATE EXISTING SIGNAL HEAD EACH	89500200 RELOCATE EXISTING PEDESTRIAN HEAD EACH	89500400 RELOCATE EXISTING PED. PUSH BUTTON EACH	89502385 REMOVE EXISTING CONCRETE FOUNDATION EACH	Z0050400 REMOVE AND REPLACE ANCHOR BOLTS EACH
FAP 800 (US45 / CUNNINGHAM AVE) - MAINLINE										
LOC-11	SW CORNER US45/KERR	2.0	2.0					2.0	1.0	0.0
LOC-19	SW COR. US45/COUNTRY CLUB RD	2.0	3.0				2.0	2.0	1.0	0.0
LOC-21	SE CORNER US45/PERKINS RD	2.0	2.0				2.0	2.0	1.0	0.0
FAP 800 SUB-TOTALS		6.0	7.0	0.0	0.0	0.0	4.0	6.0	3.0	0.0
FAP 800 ROUNDED		6.0	7.0	0.0	0.0	0.0	4.0	6.0	3.0	0.0
SHARED-USE PATH										
PATH LOC-28	I-74 EB ON-RAMP - SOUTH SIDE	1.0	1.0	1.0	1.0	2.0				4.0
PATH LOC-29	I-74 EB ON-RAMP - NORTH SIDE	1.0	1.0	1.0	1.0	2.0				4.0
PATH LOC-30	I-74 WB OFF-RAMP - SOUTH SIDE			1.0	1.0	1.0				4.0
PATH LOC-31	I-74 WB OFF-RAMP - NORTH SIDE		1.0	1.0	1.0					
PATH LOC-32	SE QUAD US45/NAPLETON WAY	1.0	1.0		1.0			1.0		
SHARED-USE PATH SUB-TOTALS		3.0	4.0	4.0	5.0	5.0	0.0	1.0	0.0	12.0
SHARED-USE PATH ROUNDED		3.0	4.0	4.0	5.0	5.0	0.0	1.0	0.0	12.0
COMBINED GRAND TOTALS		9.0	11.0	4.0	5.0	5.0	4.0	7.0	3.0	12.0

UNDERGROUND CONDUIT, PVC, 2" DIAMETER		
LOCATION	DESCRIPTION	81028350 UNDERGROUND CONDUIT, PVC, 2" DIAMETER FOOT
FAP 800 / US45		
LOC-11	SW CORNER US45/KERR	22.0
LOC-19	SW COR. US45/COUNTRY CLUB RD	45.0
LOC-21	SE CORNER US45/PERKINS RD	71.0
FAP 800 SUB-TOTALS		138.0
FAP 800 ROUNDED		138.0
LIGHTING		
LIGHTING	**EXTEND AR CONDUIT APPX STA. 30+90	15.0
LIGHTING	UNDER I-74 EB ON-RAMP	45.0
LIGHTING	UNDER I-74 WB OFF-RAMP	50.0
LIGHTING SUB-TOTALS		110.0
LIGHTING ROUNDED		110.0
SHARED-USE PATH		
PATH LOC-28	I-74 EB ON-RAMP - SOUTH SIDE	43.0
PATH LOC-29	I-74 EB ON-RAMP - NORTH SIDE	4.0
PATH LOC-30	I-74 WB OFF-RAMP - SOUTH SIDE	46.0
PATH LOC-31	I-74 WB OFF-RAMP - NORTH SIDE	4.0
PATH LOC-32	SE QUAD US45/NAPLETON WAY	2.0
SHARED-USE PATH SUB-TOTALS		99.0
SHARED-USE PATH ROUNDED		99.0
COMBINED GRAND TOTALS		347.0

**TO BE EXTENDED TO 2FT BEYOND EAST EDGE OF PATH

TRAFFIC SIGNAL POSTS							
LOCATION	DESCRIPTION	TO STATION	OFFSET	87502640 TRAFFIC SIGNAL POST, ALUMINUM 10 FT EACH	87502680 TRAFFIC SIGNAL POST, ALUMINUM 14 FT EACH	87502700 TRAFFIC SIGNAL POST, ALUMINUM 16 FT EACH	89501150 RELOCATE EXISTING TRAFFIC SIGNAL POST EACH
FAP 800 (US45 / CUNNINGHAM AVE) - MAINLINE							
LOC-19	SW COR. US45/COUNTRY CLUB RD	111+38.0	60.5' LT				1.0
LOC-21	SE CORNER US45/PERKINS RD	111+92.0	65.1' RT	1.0			
FAP 800 SUB-TOTALS				1.0	0.0	0.0	1.0
FAP 800 ROUNDED				1.0	0.0	0.0	1.0
SHARED-USE PATH							
PATH LOC-28	I-74 EB ON-RAMP - SOUTH SIDE	31+76.8	65.1' RT			1.0	
PATH LOC-29	I-74 EB ON-RAMP - NORTH SIDE	32+38.6	72.2' RT			1.0	
PATH LOC-30	I-74 WB OFF-RAMP - SOUTH SIDE	43+96.5	61.0' RT		1.0		
SHARED-USE PATH SUB-TOTALS				0.0	1.0	2.0	0.0
SHARED-USE PATH ROUNDED				0.0	1.0	2.0	0.0
COMBINED GRAND TOTALS				1.0	1.0	2.0	1.0

ELECTRIC CABLE					
LOCATION	DESCRIPTION	87301215 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 2C FOOT	87301245 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 5C FOOT	87301255 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 7C FOOT	89502300 REMOVE ELECTRIC CABLE FROM CONDUIT FOOT
FAP 800 (US45 / CUNNINGHAM AVE) - MAINLINE					
LOC-11	SW CORNER US45/KERR	517.0			252.0
LOC-19	SW COR. US45/COUNTRY CLUB RD	577.0		213.0	420.0
LOC-21	SE CORNER US45/PERKINS RD	589.0		300.0	297.0
FAP 800 SUB-TOTALS		1,683.0	0.0	513.0	969.0
FAP 800 ROUNDED		1,683.0	0.0	513.0	969.0
SHARED-USE PATH					
PATH LOC-28	I-74 EB ON-RAMP - SOUTH SIDE	283.0	274.0		
PATH LOC-29	I-74 EB ON-RAMP - NORTH SIDE	149.0	169.0		
PATH LOC-30	I-74 WB OFF-RAMP - SOUTH SIDE	241.0	496.0		
PATH LOC-31	I-74 WB OFF-RAMP - NORTH SIDE	196.0	211.0		
PATH LOC-32	SE QUAD US45/NAPLETON WAY				
SHARED-USE PATH SUB-TOTALS		869.0	1,150.0	0.0	0.0
SHARED-USE PATH ROUNDED		869.0	1,150.0	0.0	0.0
COMBINED GRAND TOTALS		2,552.0	1,150.0	513.0	969.0

SCHEDULE OF QUANTITIES

UNIT DUCT							81603035
FROM FIXTURE	STATION	OFFSET	TO FIXTURE	STATION	OFFSET	DISTANCE BETWEEN RUNS (FOOT)	UNIT DUCT, 600V, 2-1C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE FOOT
LIGHTING							
55-106	124+44.0	47' RT	55-107	126+21.0	51' RT	180.0	180.0
55-107	126+21.0	51' RT	55-109	30+94.0	63' RT	480.0	480.0
55-109	30+94.0	63' RT	55-122	31+79.0	87' RT	95.0	95.0
55-109	30+94.0	63' RT	55-602	29+69.0	50' RT	130.0	130.0
55-109	30+94.0	63' RT	CONTROLLER	30+75.0	76' LT	165.0	165.0
55-122	31+79.0	87' RT	55-111	34+94.0	62' RT	325.0	325.0
55-111	34+94.0	62' RT	55-113	39+09.0	60' RT	425.0	425.0
55-113	39+09.0	60' RT	55-115	42+94.0	60' RT	395.0	395.0
55-115	42+94.0	60' RT	55-130	44+61.6	72' RT	180.0	180.0
55-130	44+62.0	72' RT	55-117	46+97.0	56' RT	240.0	240.0
55-117	46+97.0	56' RT	55-119	51+36.0	56' RT	445.0	445.0
55-119	51+36.0	56' RT	55-121	55+87.0	75' RT	460.0	460.0
LIGHTING TOTAL							3,520.0
USE							3,520.0

BOLLARDS					
FAP 800 / US 45		SHARED-USE PATH		X0322135 BOLLARDS, QUICK RELEASE EACH	Z0004002 BOLLARDS EACH
STATION	OFFSET	STATION	OFFSET		
52+50.8	84.9' RT	88+41.0	36.0' RT	1.0	
52+42.8	85.0' RT	88+33.0	36.0' RT		1.0
52+58.8	84.8' RT	88+49.0	35.6' RT		1.0
SHARED-USE PATH TOTAL				1.0	2.0
USE				1.0	2.0

LIGHTING ITEMS				
FIXTURE	TO STATION	OFFSET RT (FT)	84400105 RELOCATE EXISTING LIGHTING UNIT EACH	83600357 LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8"
LIGHTING				
55-107	126+21.0	51.0	1.0	1.0
55-109	30+94.0	63.0	1.0	1.0
55-111	34+94.0	63.0	1.0	1.0
55-113	39+09.0	60.0	1.0	1.0
55-115	42+94.0	60.0	1.0	1.0
55-117	46+97.0	56.0	1.0	1.0
55-119	51+36.0	56.0	1.0	1.0
55-121	55+87.0	75.0	1.0	1.0
LIGHTING TOTAL			8.0	8.0
USE			8.0	8.0

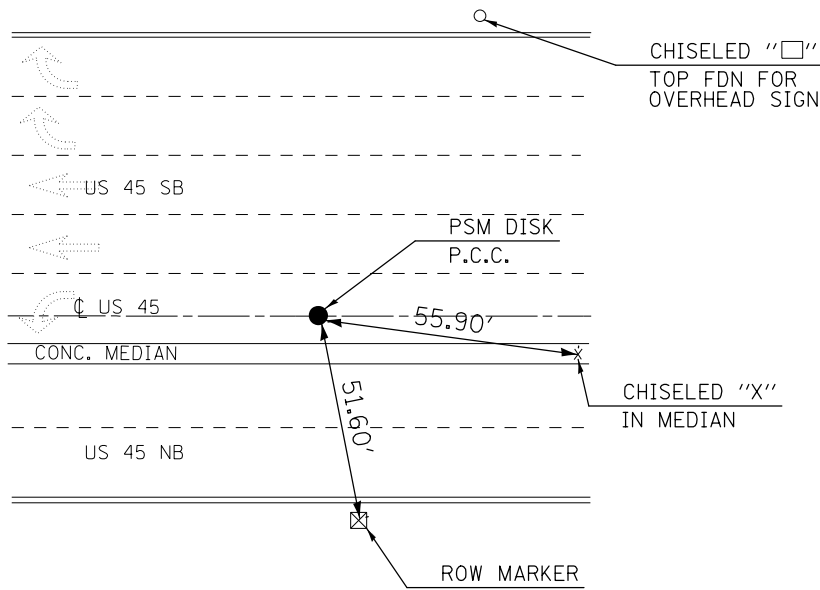
SURVEY MARKER, TYPE 2 (SPECIAL)			
STATION	OFFSET (FT)	DESCRIPTION	XZ193400 SURVEY MARKER, TYPE 2, (SPECIAL) EACH
FAP 800 (US45 / CUNNINGHAM AVE)			
271+40.63	0.74' LT	PI	1.0
272+40.16	0.0'	PRC	1.0
274+39.44	0.0'	PT	1.0
287+92.10	0.0'	PC	1.0
290+36.02	3.76' RT	PI	1.0
292+79.79	0.0'	PT	1.0
106+04.24	0.0'	PC	1.0
109+76.74	8.94' LT	PI	1.0
113+48.66	0.0'	PT	1.0
FAP 800 TOTAL			9.0
USE			9.0

CHANGEABLE MESSAGE SIGN	
SIGN LOCATION	X7015005 CHANGEABLE MESSAGE SIGN CAL DA
1 SIGN AT UNIVERSITY AVE NB	7.0
1 SIGN AT NAPLETON WAY SB	7.0
FAP 800 TOTAL	
USE	
	14.0
	14.0

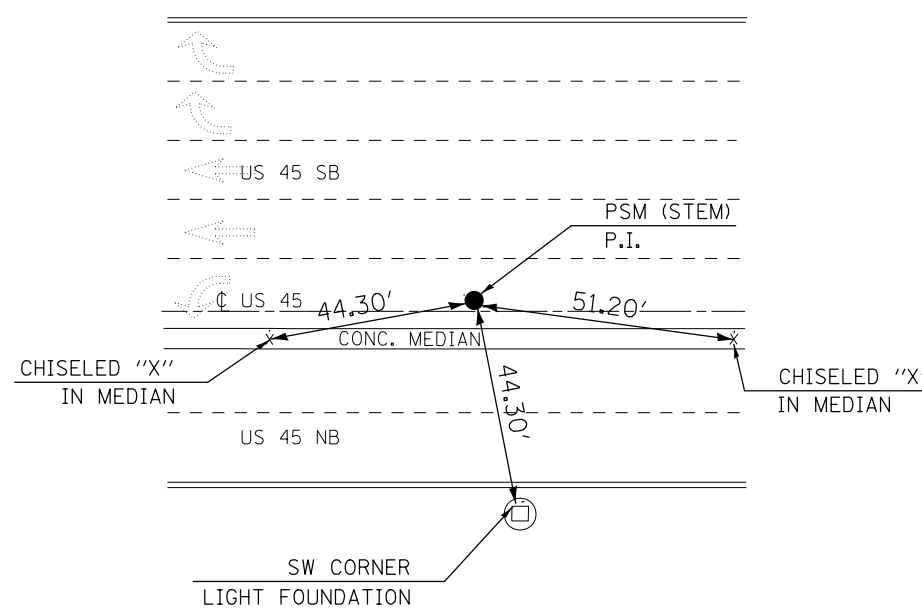
REMOVAL OF POLE FOUNDATION			
FIXTURE	MAINLINE STATION	OFFSET (FT)	84200804 REMOVAL OF POLE FOUNDATION EACH
LIGHTING			
55-107	126+15.0	49.6	1.0
55-109	31+00.0	63.3	1.0
55-111	35+00.0	61.5	1.0
55-113	39+03.0	55.9	1.0
55-115	43+02.0	59.7	1.0
55-117	47+03.0	54.9	1.0
55-119	51+30.0	55.1	1.0
55-121	55+80.0	74.5	1.0
LIGHTING TOTAL			8.0
USE			8.0

LONGITUDINAL JOINT SEALANT						
NB/SB	JOINT	STA.	TO STA.		LENGTH (FOOT)	Z0033700 LONGITUDINAL JOINT SEALANT FOOT
FAP 800 (US45 / CUNNINGHAM AVE) - NORTHBOUND						
NB	LANE LINE BTWN DRIVING LANES	270+65.0	284+12.82	BK	1,347.8	1,347.8
NB	LANE LINE BTWN DRIVING LANES	284+10.97	AH 304+41.63	BK	2,030.7	2,030.7
NB	LANE LINE BTWN DRIVING LANES	104+44.80	AH 125+00.0		2,055.2	2,055.2
NB	BTWN DRIVING LANE & RT TURN LANE	107+78.00	113+35.5		557.5	557.5
FAP 800 NB SUB-TOTAL						5,991.2
FAP 800 (US45 / CUNNINGHAM AVE) - SOUTHBOUND						
SB	BTWN RT TURN LANES	270+65.00	271+75.0		110.0	110.0
SB	BTWN DRIVING LANE AND RT TURN LANE	270+65.00	273+00.0		235.0	235.0
SB	BTWN DRIVING LANE AND LT TURN LANE	270+65.00	272+65.0		200.0	200.0
SB	BTWN DRIVING LANES	270+65.00	284+12.82	BK	1347.8	1,347.8
SB	BTWN DRIVING LANES	284+10.97	AH 304+41.63	BK	2030.7	2,030.7
SB	BTWN DRIVING LANES	104+44.80	AH 125+00.00		2055.2	2,055.2
FAP 800 SB SUB-TOTAL						5,978.7
FAP 800 COMBINED TOTAL						11,969.9
ROUNDED						11,970.0

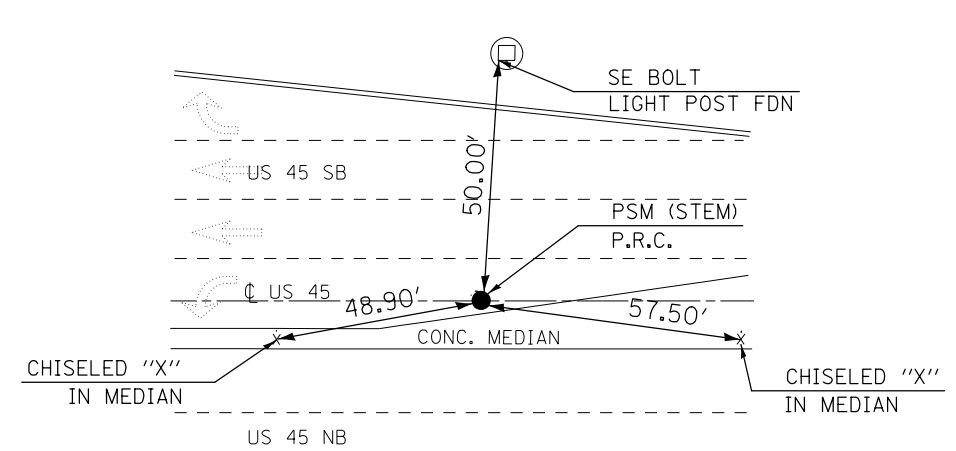
P.C.C.
STATION 270 + 41.08
PSM DISK



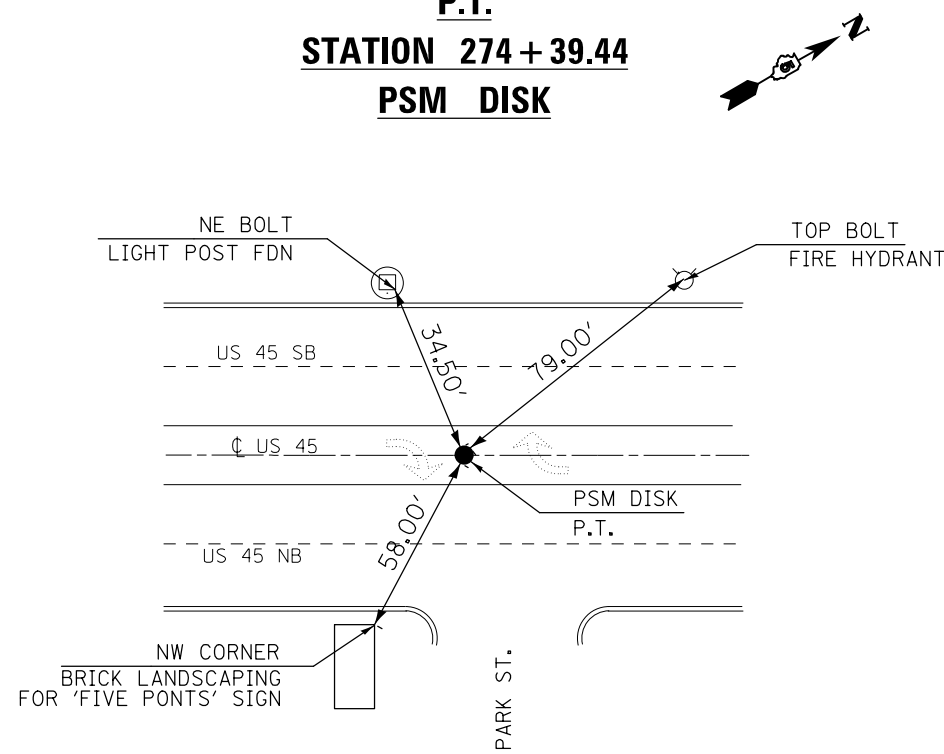
P.I.
STATION 271 + 40.63
PSM (STEM)



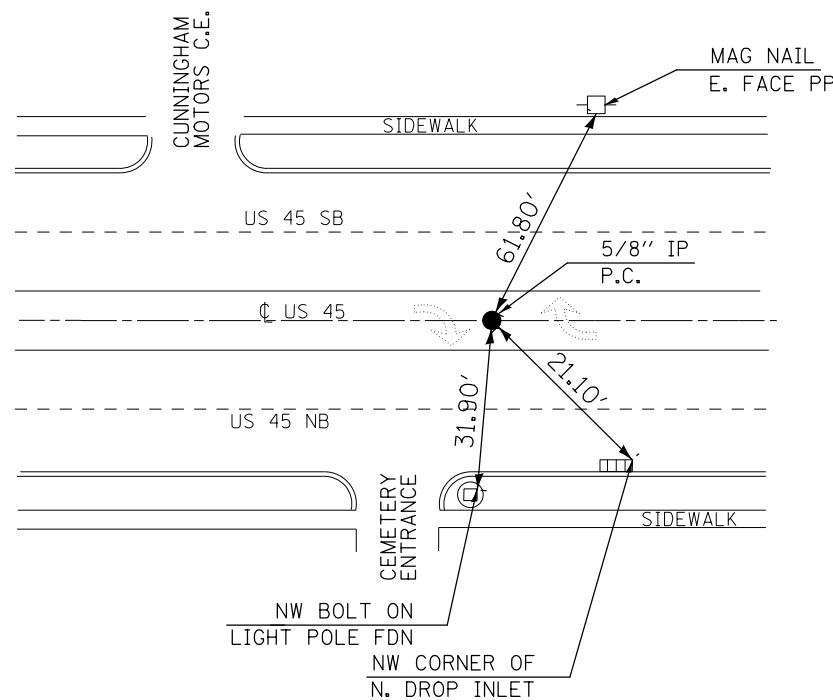
P.R.C.
STATION 272 + 40.16
PSM DISK



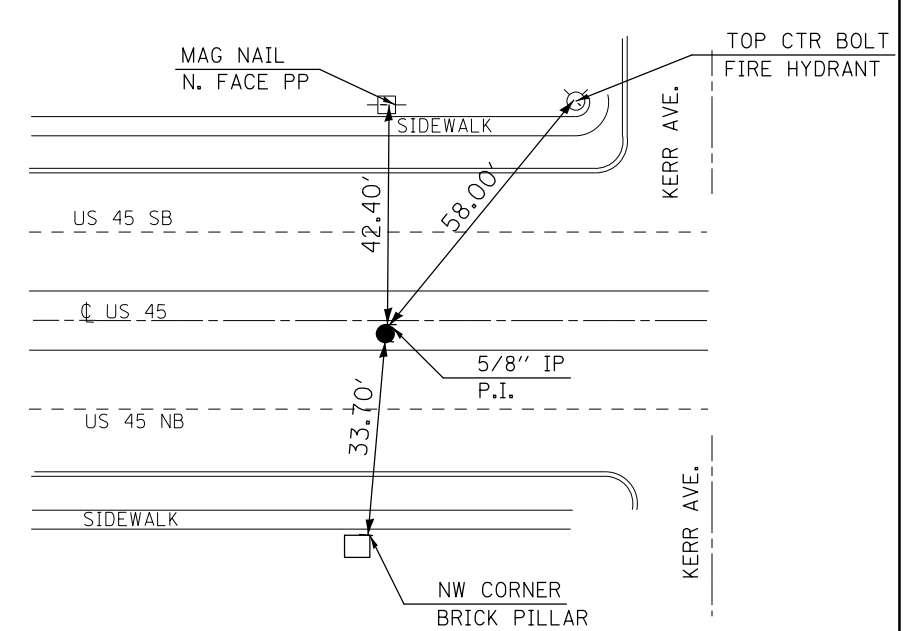
P.T.
STATION 274 + 39.44
PSM DISK



P.C.
STATION 287 + 92.10
5/8" IP



P.I.
STATION 290 + 36.02
5/8" IP



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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	PLOT DATE = 12/14/2017	DATE -	REVISED -

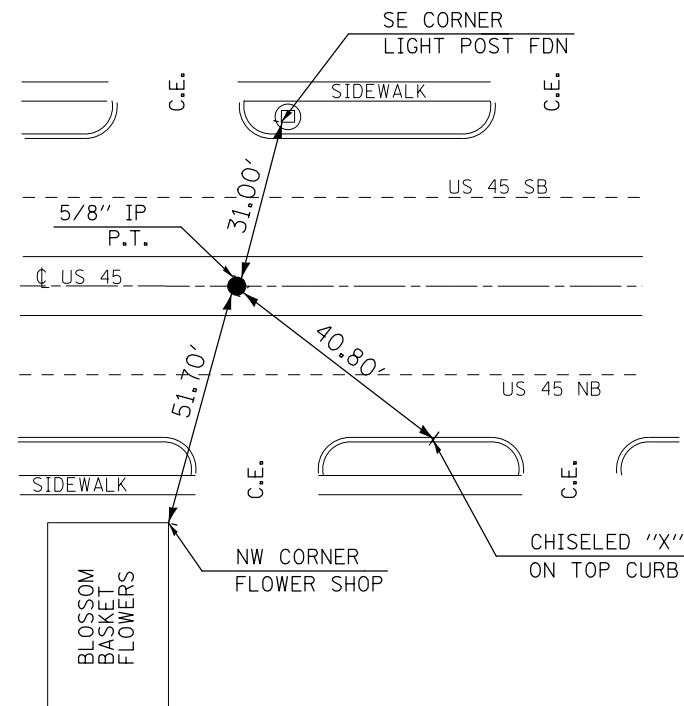
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS AND BENCHMARKS

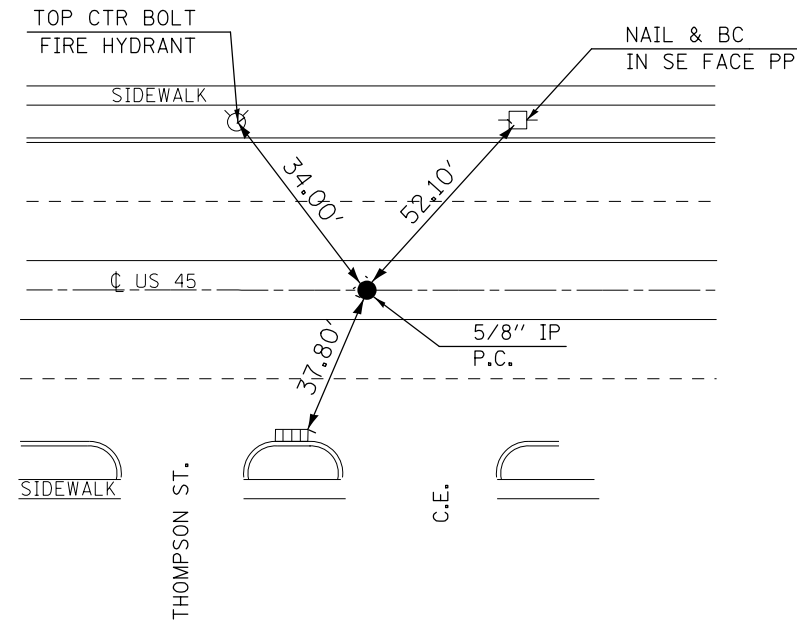
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	28X-21RS-3 & (28X-1)RS-6	CHAMPAIGN	173	35
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	

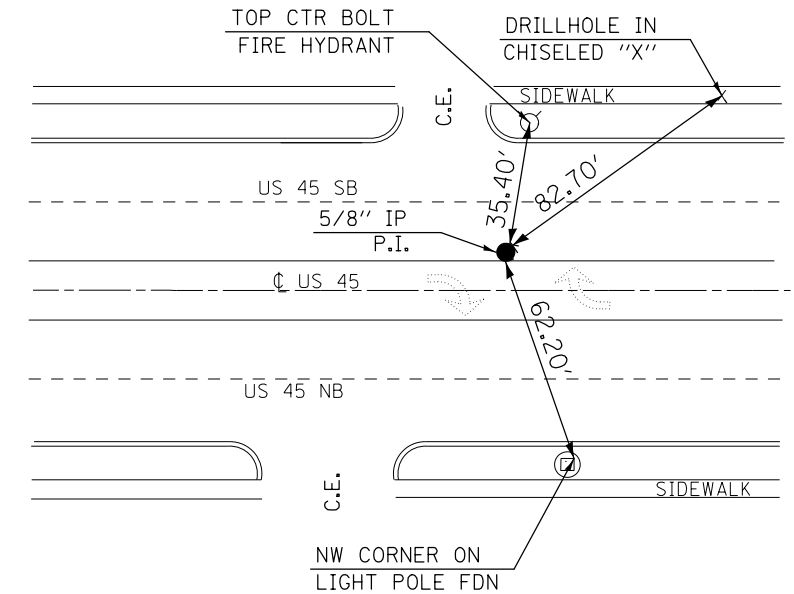
P.T.
STATION 292 + 79.79
5/8" IP



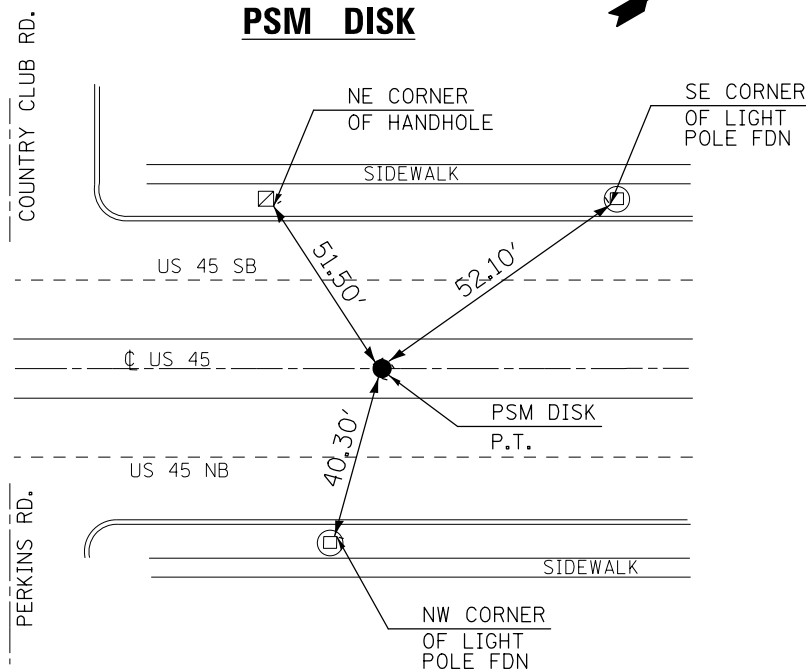
P.C.
STATION 106 + 04.24
5/8" IP



P.I.
STATION 109 + 76.74
5/8" IP

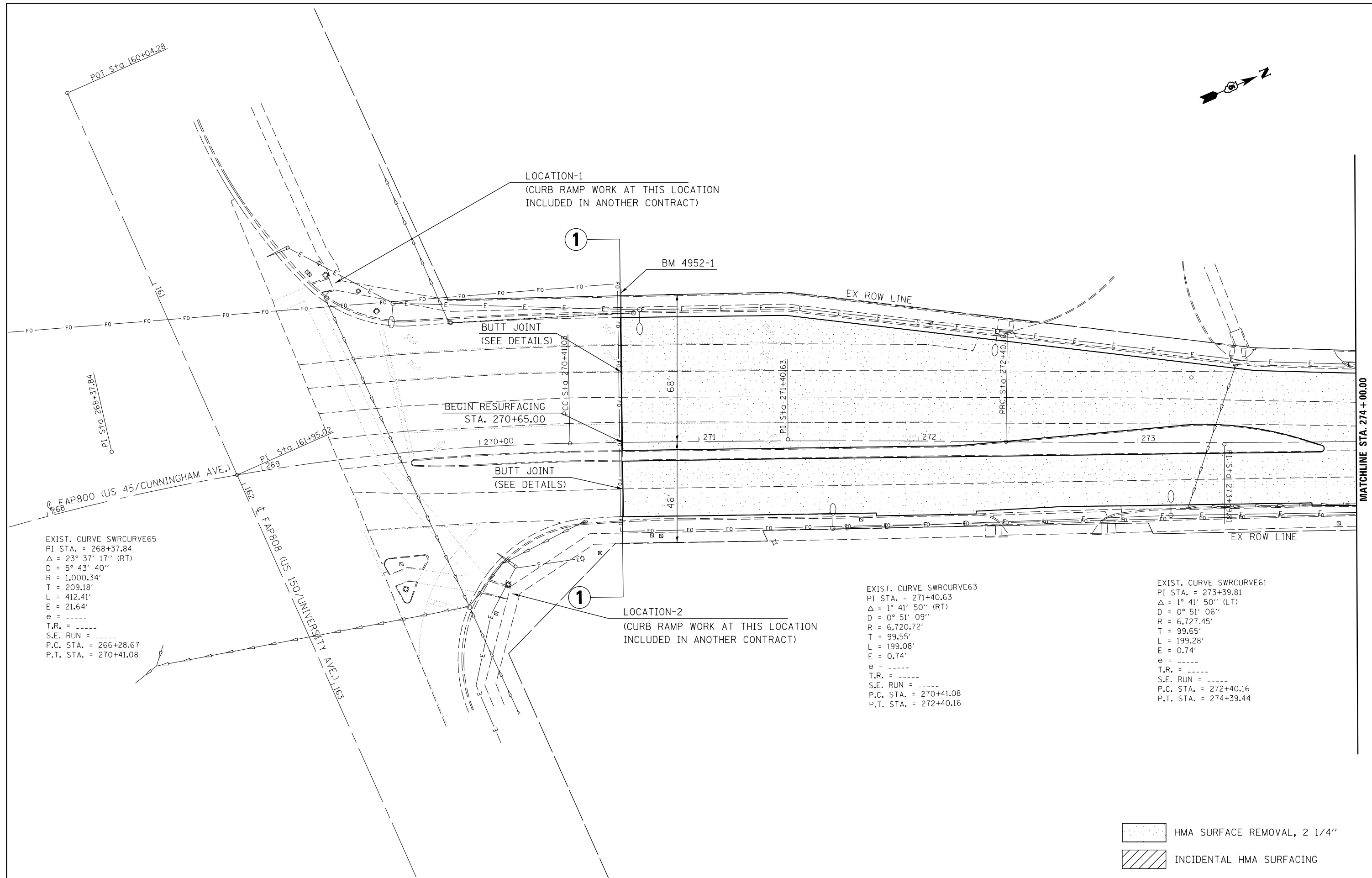
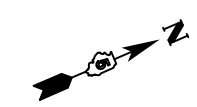


P.T.
STATION 113 + 48.66
PSM DISK



BENCHMARKS


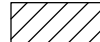
- BM #4952-1 STA. 270+65.36, 68.68' LT
CHISELED SQUARE, E. SIDE OF W. LEG OF OVERHEAD SIGN FOUNDATION. FROM INTERSECTION OF UNIVERSITY AVE. AND US45, GO NORTH ALONG US45 180' TO MARK ON THE LEFT. ELEV.= 708.92
- BM #4952-2 STA. 281+40.90, 35.91' RT
CHISELED SQUARE, TOP OF NE WINGWALL OF BRIDGE. FROM INTERSECTION OF UNIVERSITY AVE. AND US45, GO NORTH ALONG US45 0.25 MI TO MARK ON THE RIGHT. ELEV.= 714.04
- BM #4952-3 STA. 290+60.94, 36.69' LT
CHISELED SQUARE, E. SIDE OF TRAFFIC SIGNAL FOUNDATION IN SW QUAD OF KERR AVE. AND US45, FROM INTERSECTION OF UNIVERSITY AVE. AND US45, GO NORTH ALONG US45 0.40 MI TO MARK ON THE LEFT. ELEV.= 722.33
- BM #4952-4 STA. 113+41.13, 39.27' RT
CHISELED SQUARE, W. SIDE OF TRAFFIC SIGNAL FOUNDATION IN NE QUAD OF PERKINS RD. AND US45, FROM INTERSECTION OF UNIVERSITY AVE. AND US45, GO NORTH ALONG US45 0.83 MI TO MARK ON THE RIGHT. ELEV.= 731.90
- BM #4952-5 STA. 123+42.76, 51.73' LT
CHISELED SQUARE, NW CORNER OF TRAFFIC SIGNAL FOUNDATION IN CONCRETE ISLAND ON KENYON RD. FROM INTERSECTION OF UNIVERSITY AVE. AND US45, GO NORTH ALONG US45 1.0 MI TO MARK ON THE LEFT. ELEV.= 726.31
- BM #4952-6 STA. 31+70.61, 2.98' LT
CHISELED SQUARE, NW CORNER OF STEEL HANDHOLE IN CONCRETE MEDIAN 50' SOUTH OF I-74 RAMP. FROM INTERSECTION OF UNIVERSITY AVE. AND US45, GO NORTH ALONG US45 1.15 MI TO MARK ON THE LEFT. ELEV.= 728.07
- BM #4952-7 STA. 45+96.26, 121.02' RT
CHISELED SQUARE, SOUTH END OF HEADWALL FOR DOUBLE BARREL PIPE CULVERT. FROM INTERSECTION OF UNIVERSITY AVE. AND US45, GO NORTH ALONG US45 1.40 MI TO MARK ON THE RIGHT. ELEV.= 720.89
- BM #4952-8 STA. 59+60.68, 75.40' RT
CHISELED SQUARE, S. SIDE OF TRAFFIC SIGNAL FOUNDATION IN NE QUAD OF NAPLETON WAY AND US45, FROM INTERSECTION OF UNIVERSITY AVE. AND US45, GO NORTH ALONG US45 1.70 MI TO MARK ON THE RIGHT. ELEV.= 726.89



EXIST. CURVE SWRCURVE65
 PI STA. = 268+37.84
 $\Delta = 23^\circ 37' 17''$ (RT)
 $D = 5^\circ 43' 40''$
 $R = 1,000.34'$
 $T = 209.18'$
 $L = 412.41'$
 $E = 21.64'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 266+28.67$
 $P.T. STA. = 270+41.08$

EXIST. CURVE SWRCURVE63
 PI STA. = 271+40.63
 $\Delta = 1^\circ 41' 50''$ (RT)
 $D = 0^\circ 51' 09''$
 $R = 6,720.72'$
 $T = 99.55'$
 $L = 199.08'$
 $E = 0.74'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 270+41.08$
 $P.T. STA. = 272+40.16$

EXIST. CURVE SWRCURVE61
 PI STA. = 273+39.81
 $\Delta = 1^\circ 41' 50''$ (LT)
 $D = 0^\circ 51' 06''$
 $R = 6,727.45'$
 $T = 99.65'$
 $L = 199.28'$
 $E = 0.74'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 272+40.16$
 $P.T. STA. = 274+39.44$

 HMA SURFACE REMOVAL, 2 1/4"
 INCIDENTAL HMA SURFACING

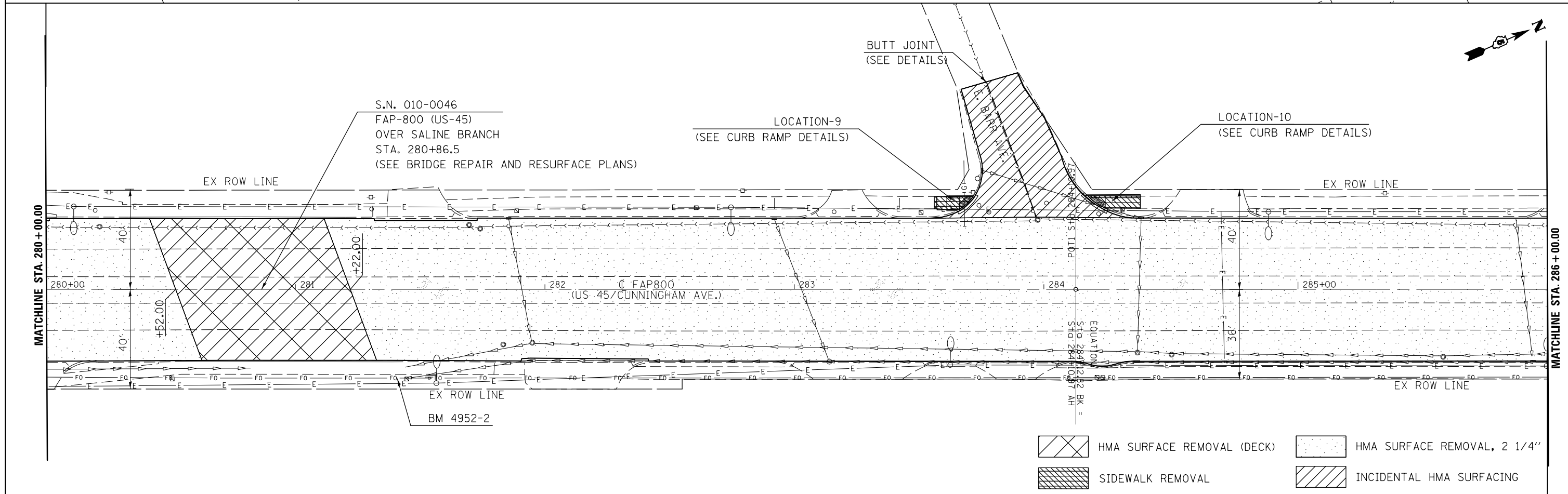
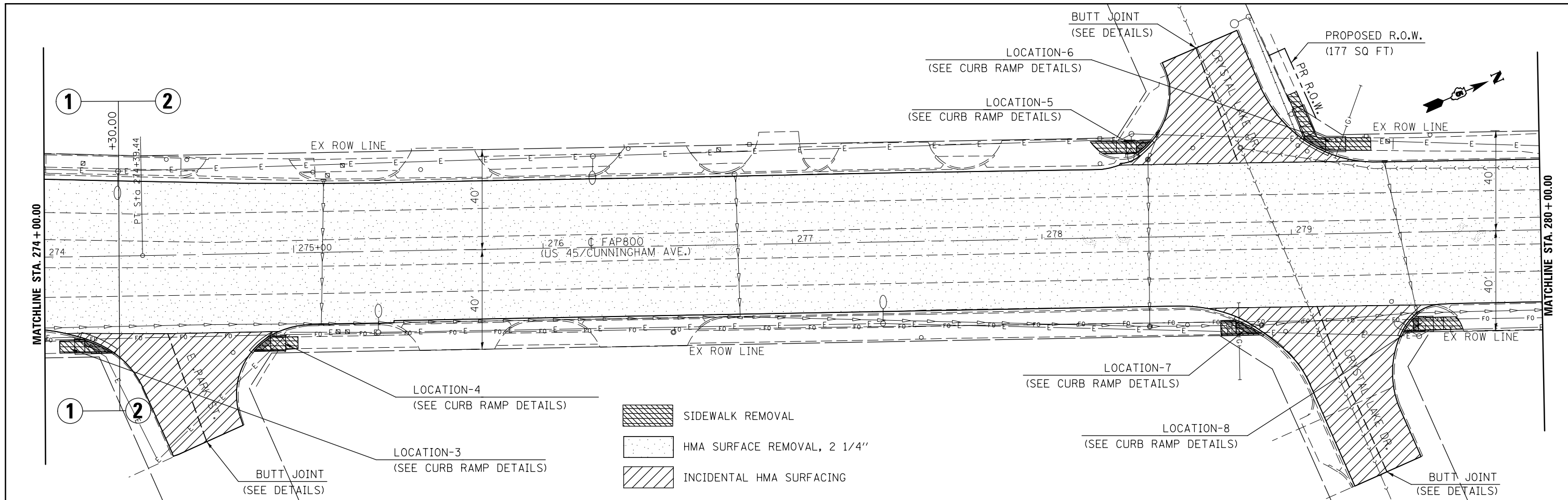
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		CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

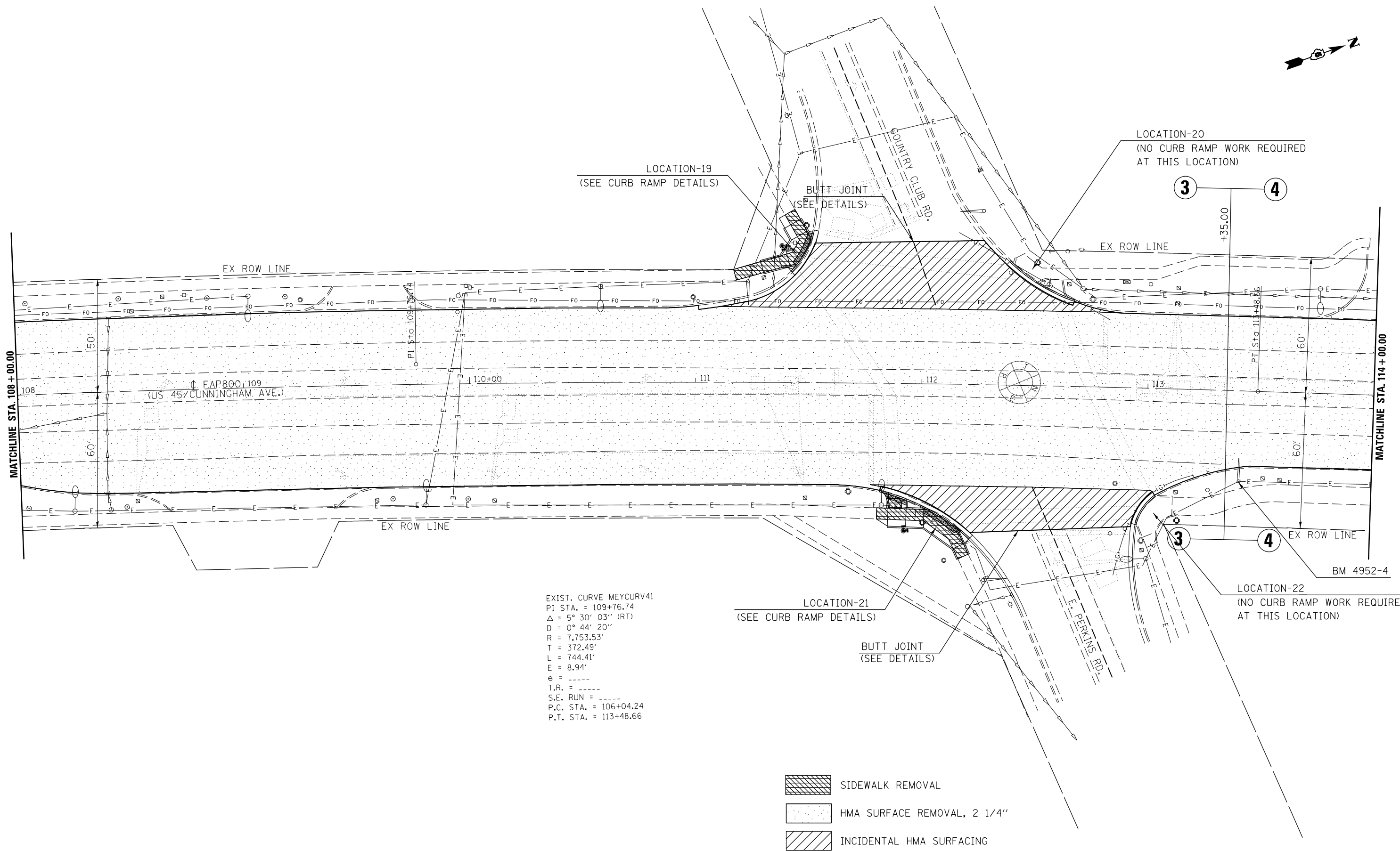
**US 45 / (CUNNINGHAM AVE)
 PLAN SHEET**

SCALE: SHEET 1 OF 13 SHEETS STA. 268+00.00 TO STA. 274+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	37
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 / (CUNNINGHAM AVE) PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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#MODELNAME#	PLotted DATE = 12/14/2017	DATE -	REVISED -			SCALE: SHEET 2 OF 13 SHEETS STA. 274+00.00 TO STA. 286+00.00		CONTRACT NO. 70A10		ILLINOIS FED. AID PROJECT	



EXIST. CURVE MEYCURV41
 PI STA. = 109+76.74
 $\Delta = 5^\circ 30' 03''$ (RT)
 $D = 0^\circ 44' 20''$
 $R = 7,753.53'$
 $T = 372.49'$
 $L = 744.41'$
 $e = 8.94'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 106+04.24$
 $P.T. STA. = 113+48.66$

- SIDEWALK REMOVAL
- HMA SURFACE REMOVAL, 2 1/4"
- INCIDENTAL HMA SURFACING

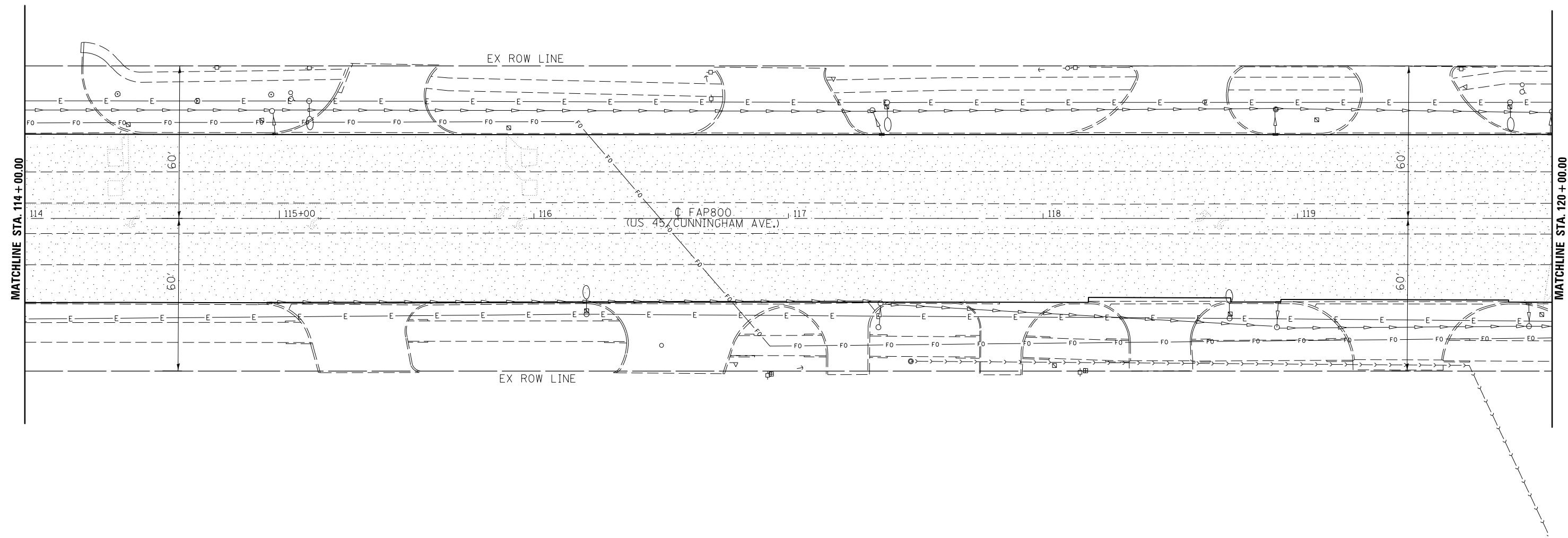
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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 45 / (CUNNINGHAM AVE)
 PLAN SHEET**

SCALE: SHEET 5 OF 13 SHEETS STA. 108+00.00 TO STA. 114+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	41
CONTRACT NO. 70A10				
ILLINOIS FED. AID PROJECT				



-  SIDEWALK REMOVAL
-  HMA SURFACE REMOVAL, 2 1/4"
-  INCIDENTAL HMA SURFACING

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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	PLOT DATE = 12/14/2017	DATE -	REVISED -

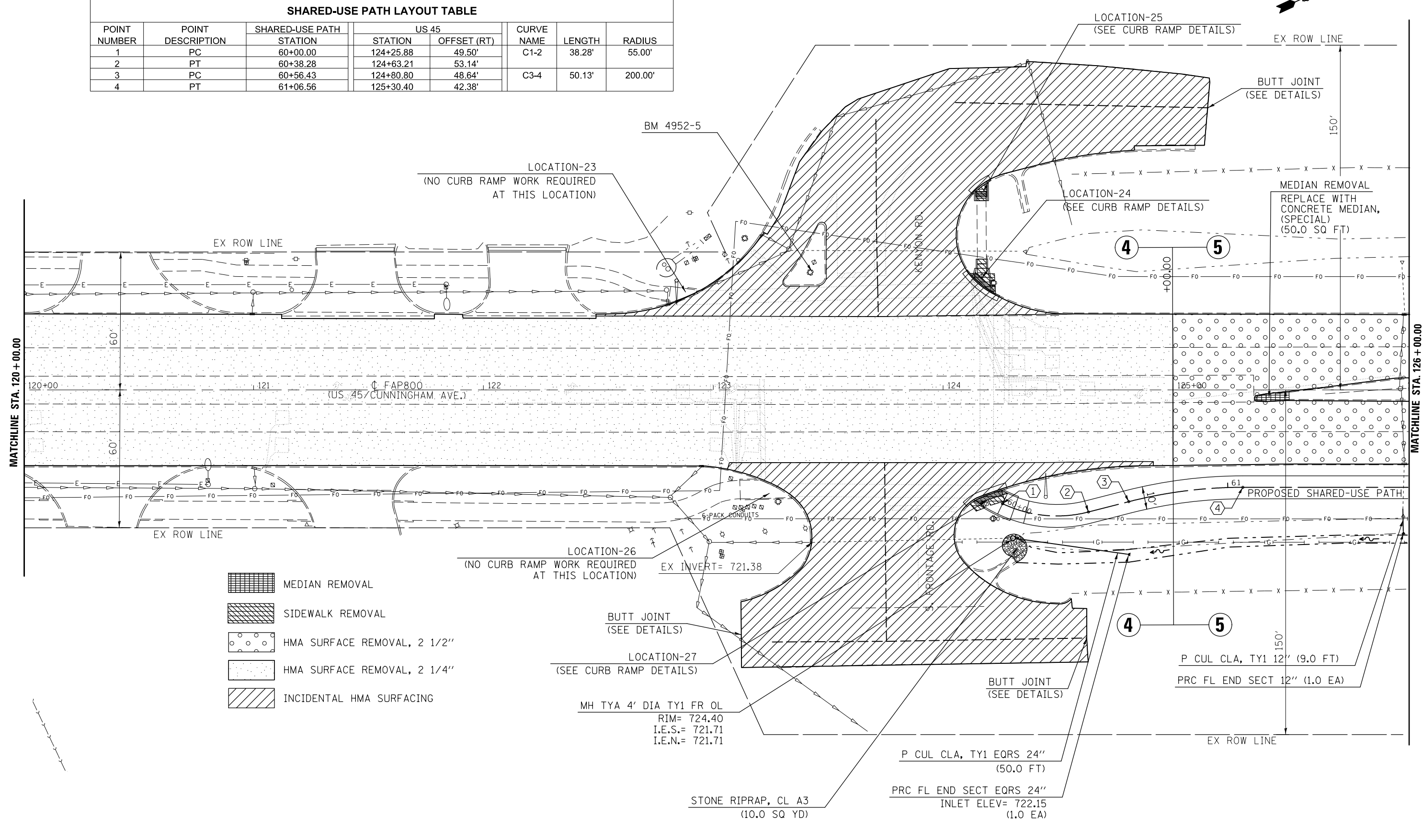
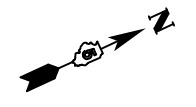
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 / (CUNNINGHAM AVE)
PLAN SHEET**

SCALE: SHEET 6 OF 13 SHEETS STA. 114+00.00 TO STA. 120+00.00

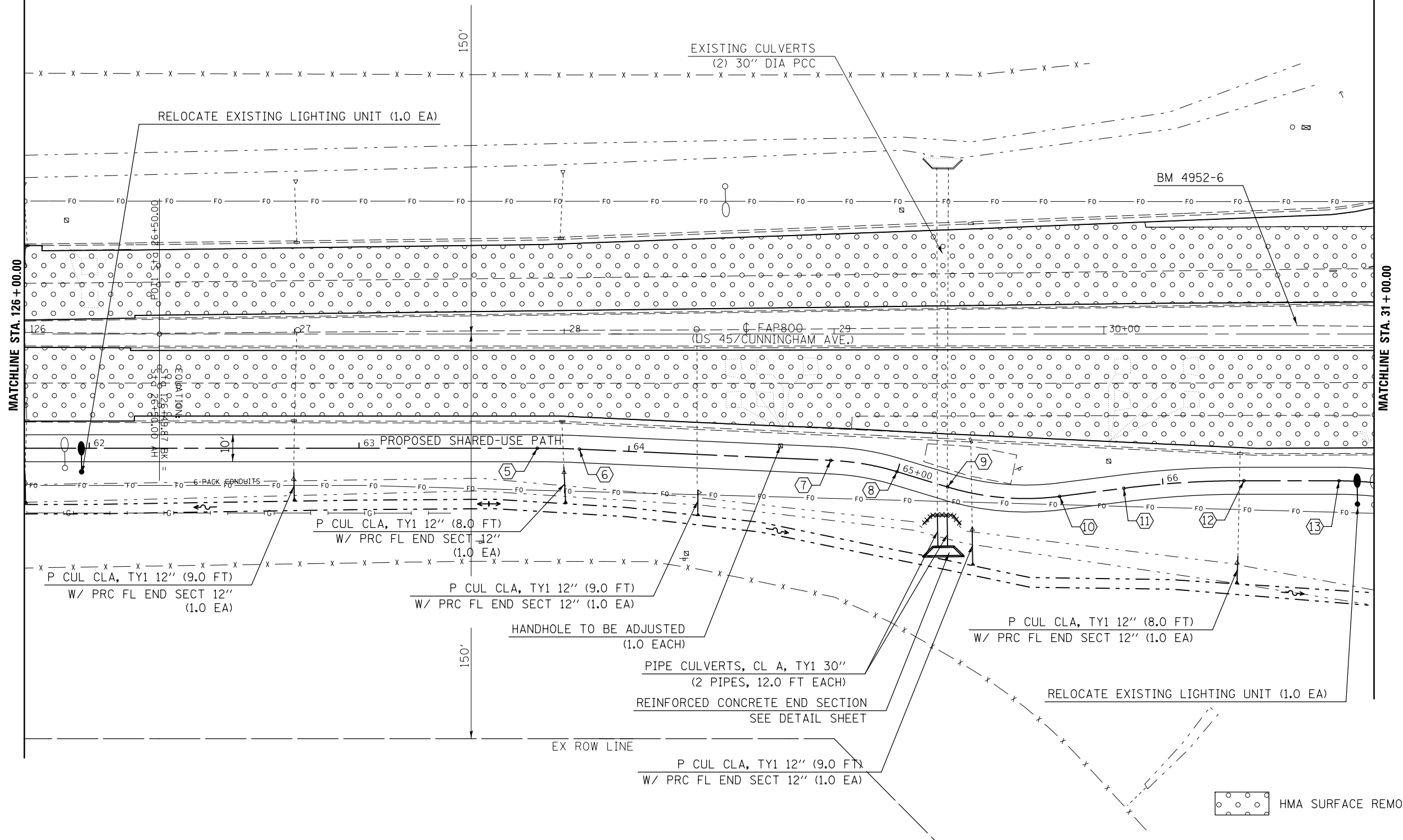
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70A10	

SHARED-USE PATH LAYOUT TABLE								
POINT NUMBER	POINT DESCRIPTION	SHARED-USE PATH STATION	US 45		CURVE NAME	LENGTH	RADIUS	
			STATION	OFFSET (RT)				
1	PC	60+00.00	124+25.88	49.50'	C1-2	38.28'	55.00'	
2	PT	60+38.28	124+63.21	53.14'				
3	PC	60+56.43	124+80.80	48.64'	C3-4	50.13'	200.00'	
4	PT	61+06.56	125+30.40	42.38'				



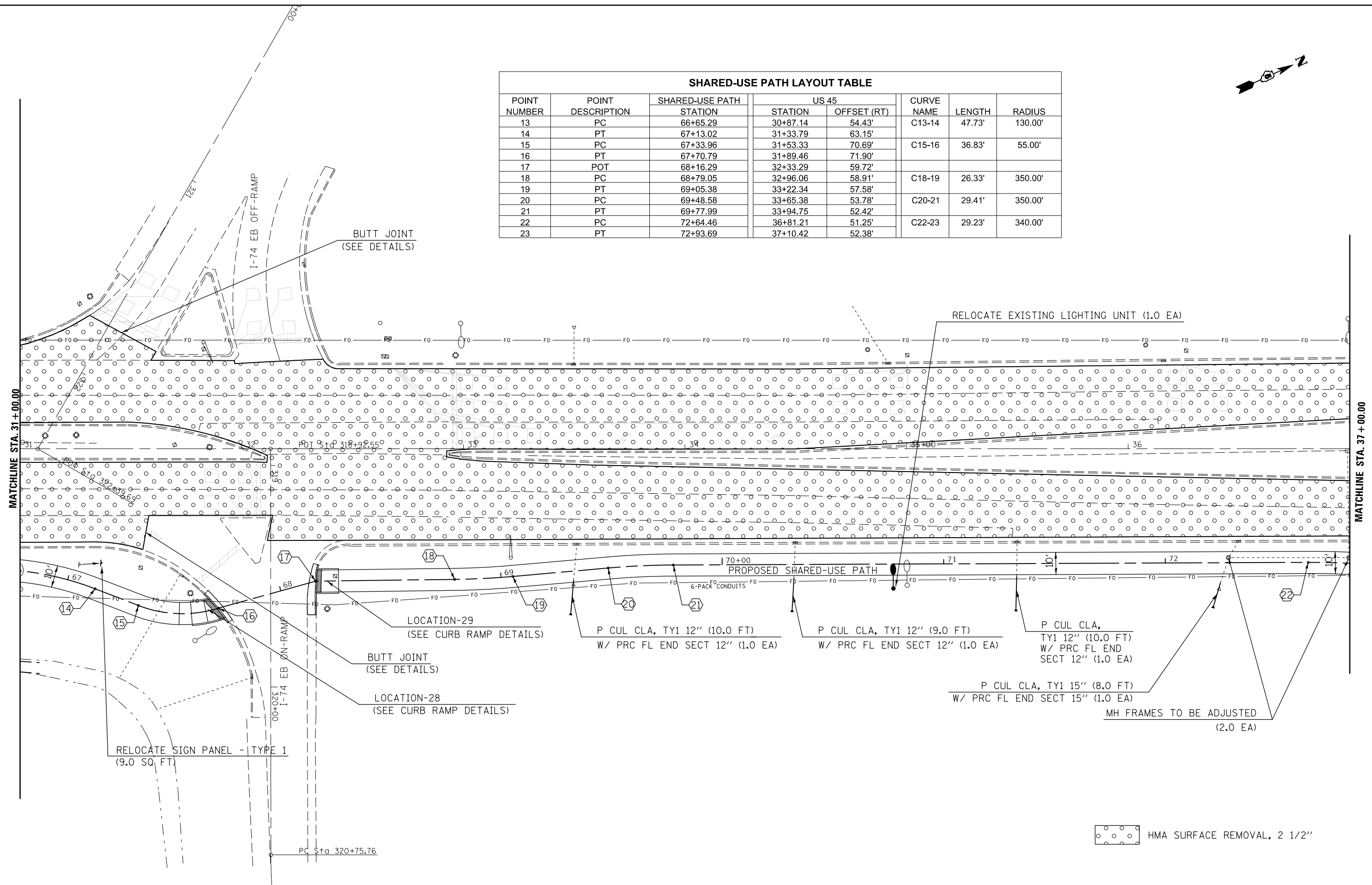
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- HMA SURFACE REMOVAL, 2 1/2"
- HMA SURFACE REMOVAL, 2 1/4"
- INCIDENTAL HMA SURFACING

SHARED-USE PATH LAYOUT TABLE							
POINT NUMBER	POINT DESCRIPTION	SHARED-USE PATH STATION	US 45		CURVE NAME	LENGTH	RADIUS
			STATION	OFFSET (RT)			
5	PC	63+66.04	27+90.01	42.35'	C5-6	15.61'	350.00'
6	PT	63+81.65	28+05.62	42.69'			
7	PC	64+74.92	28+98.79	46.84'	C7-8	24.94'	100.00'
8	PT	64+99.85	29+23.31	51.03'			
9	PC	65+19.44	29+42.05	56.70'	C9-10	42.01'	100.00'
10	PT	65+61.45	29+83.61	60.19'			
11	PC	65+85.43	30+07.40	57.17'	C11-12	44.63'	350.00'
12	PT	66+30.06	30+51.91	54.38'			
13	PC	66+65.29	30+87.14	54.43'	C13-14	47.73'	130.00'
14	PT	67+13.02	31+33.79	63.15'			





SHARED-USE PATH LAYOUT TABLE							
POINT NUMBER	POINT DESCRIPTION	SHARED-USE PATH STATION	US 45		CURVE NAME	LENGTH	RADIUS
			STATION	OFFSET (RT)			
13	PC	66+65.29	30+87.14	54.43'	C13-14	47.73'	130.00'
14	PT	67+13.02	31+33.79	63.15'			
15	PC	67+33.96	31+53.33	70.69'	C15-16	36.83'	55.00'
16	PT	67+70.79	31+89.46	71.90'			
17	POT	68+16.29	32+33.29	59.72'			
18	PC	68+79.05	32+96.06	58.91'	C18-19	26.33'	350.00'
19	PT	69+05.38	33+22.34	57.58'			
20	PC	69+48.58	33+65.38	53.78'	C20-21	29.41'	350.00'
21	PT	69+77.99	33+94.75	52.42'			
22	PC	72+64.46	36+81.21	51.25'	C22-23	29.23'	340.00'
23	PT	72+93.69	37+10.42	52.38'			



HMA SURFACE REMOVAL, 2 1/2"

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

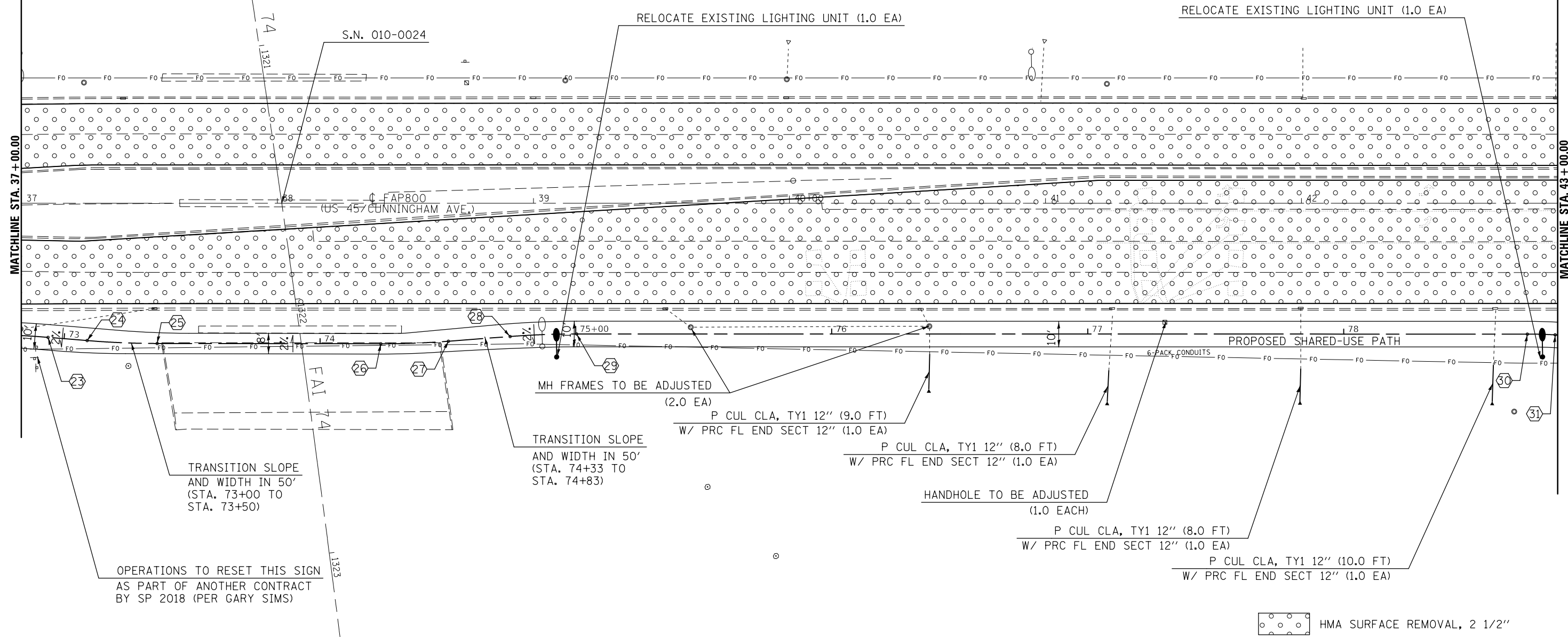
**US 45 / (CUNNINGHAM AVE)
PLAN SHEET**

SCALE: SHEET 9 OF 13 SHEETS STA. 31+00.00 TO STA. 37+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	45
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	

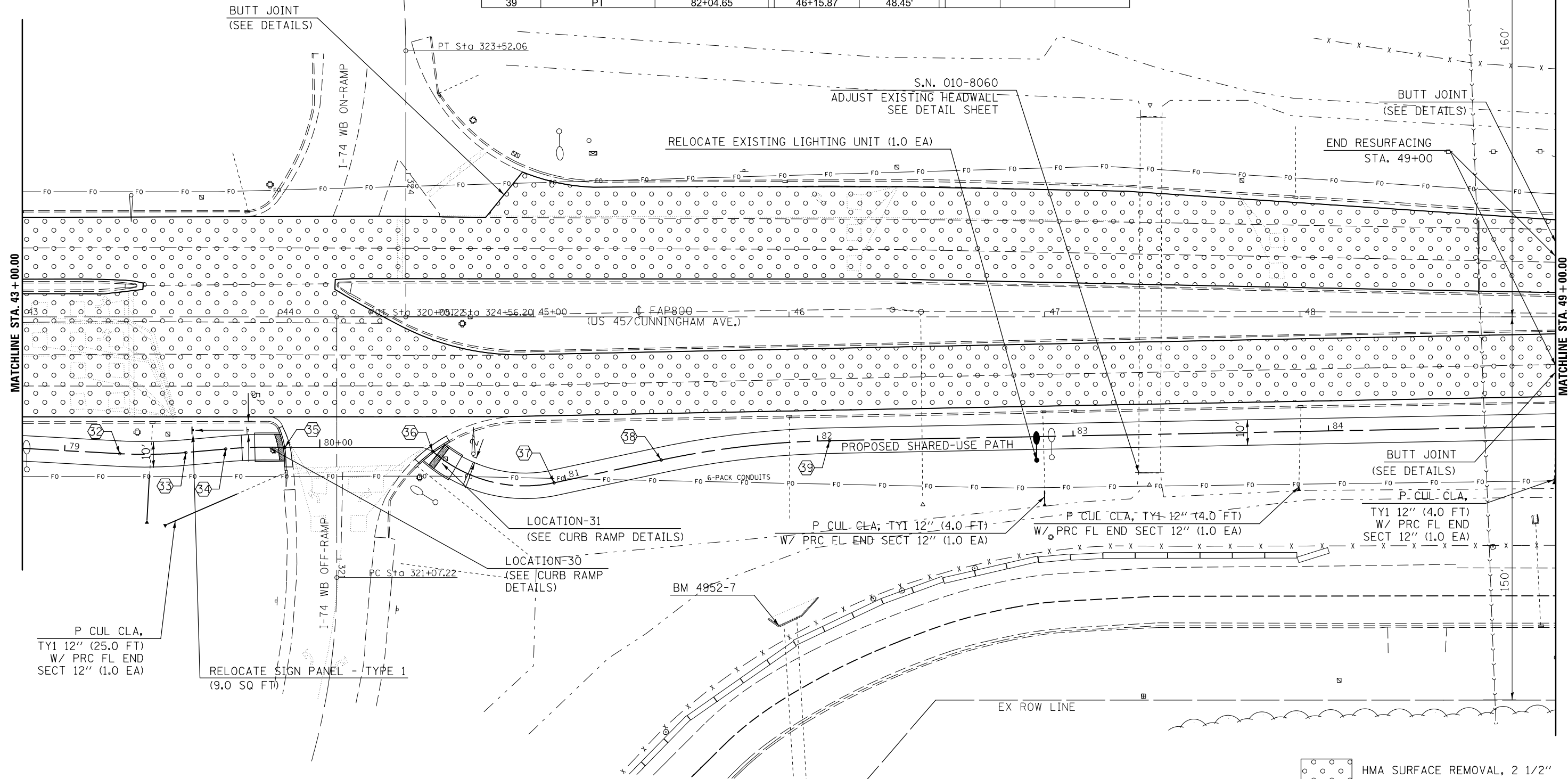


SHARED-USE PATH LAYOUT TABLE							
POINT NUMBER	POINT DESCRIPTION	SHARED-USE PATH STATION	US 45		CURVE NAME	LENGTH	RADIUS
			STATION	OFFSET (RT)			
22	PC	72+64.46	36+81.21	51.25'	C22-23	29.23'	340.00'
23	PT	72+93.69	37+10.42	52.38'			
24	PC	73+08.99	37+25.66	53.63'	C24-25	27.40'	340.00'
25	PT	73+36.38	37+53.02	54.77'			
26	PC	74+23.76	38+40.39	54.88'	C26-27	26.42'	340.00'
27	PT	74+50.17	38+66.79	53.89'			
28	PC	74+74.34	38+90.88	52.05'	C28-29	26.02'	340.00'
29	PT	75+00.36	39+16.87	51.06'			
30	PC	78+71.70	42+88.22	51.11'	C30-31	10.89'	200.00'
31	PT	78+82.59	42+99.10	51.41'			



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 / (CUNNINGHAM AVE) PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579A10-sht-plan.dgn	DRAWN -	REVISED -	REVISED -			800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	46
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70A10				
	PLOT DATE = 12/14/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

SHARED-USE PATH LAYOUT TABLE							
POINT NUMBER	POINT DESCRIPTION	SHARED-USE PATH STATION	US 45		CURVE NAME	LENGTH	RADIUS
			STATION	OFFSET (RT)			
32	PC	79+21.62	43+38.08	53.54'	C32-33	25.87'	180.00'
33	PT	79+47.49	43+63.92	53.09'			
34	PC	79+63.13	43+79.49	51.70'	C34-35	23.20'	180.00'
35	PT	79+86.33	44+02.67	51.13'			
36	PC	80+44.44	44+60.51	52.59'	C36-37	50.94'	55.00'
37	PT	80+95.37	45+08.07	64.93'			
38	PC	81+38.24	45+50.00	56.02'	C38-39	66.41'	350.00'
39	PT	82+04.65	46+15.87	48.45'			



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

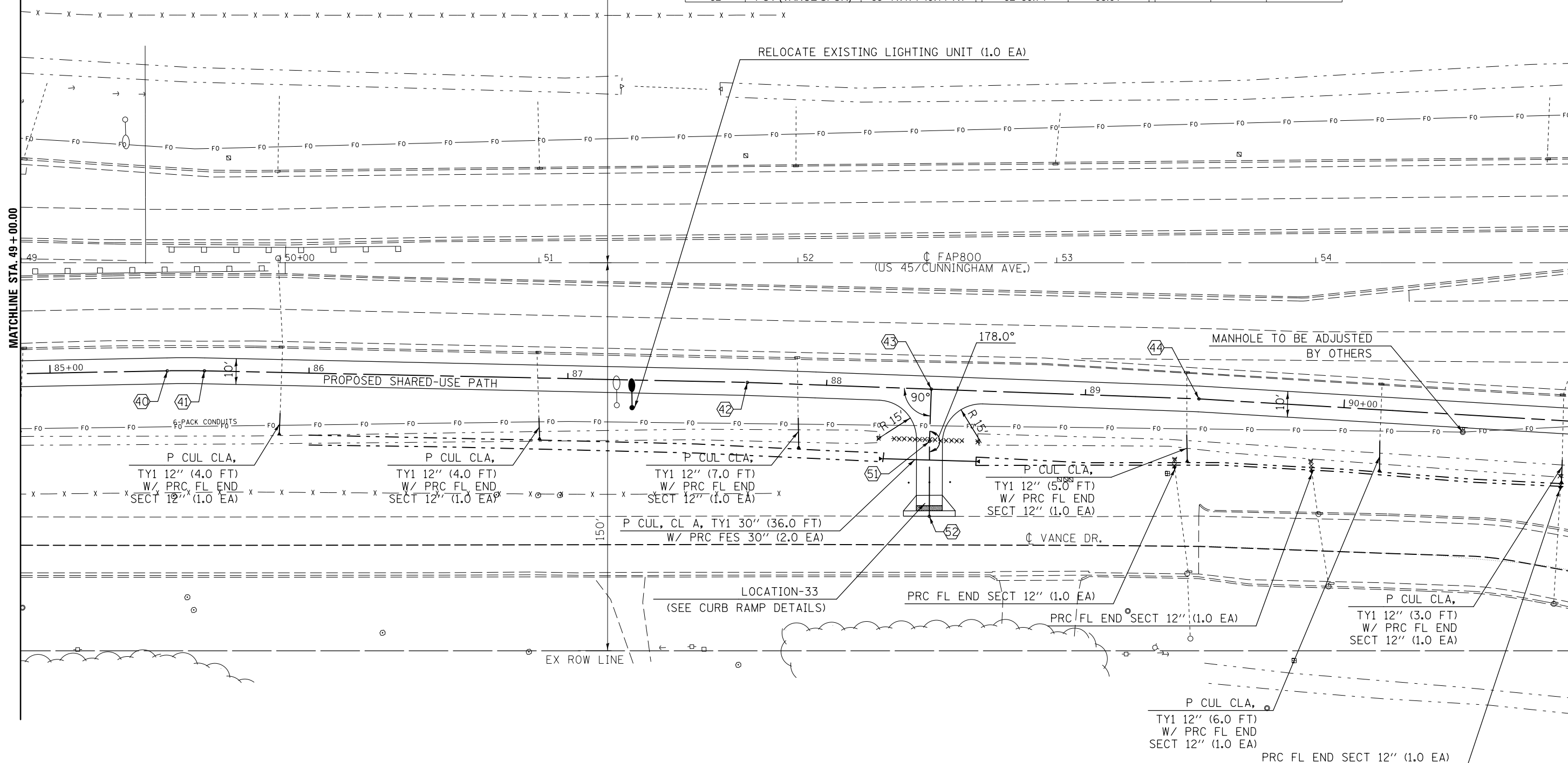
**US 45 / (CUNNINGHAM AVE)
PLAN SHEET**

SCALE: SHEET 11 OF 13 SHEETS STA. 43+00.00 TO STA. 49+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	47
CONTRACT NO. 70A10				
ILLINOIS FED. AID PROJECT				

EX ROW LINE

SHARED-USE PATH LAYOUT TABLE							
POINT NUMBER	POINT DESCRIPTION	SHARED-USE PATH STATION	US 45		CURVE NAME	LENGTH	RADIUS
			STATION	OFFSET (RT)			
40	PC	85+45.29	49+56.45	41.78'	C40-41	14.32'	350.00'
41	PT	85+59.60	49+70.76	41.80'			
42	POT	87+69.36	51+80.47	46.27'			
43	POT-INTERSECT	88+40.48	52+51.55	48.87'			
44	POT	89+43.88	53+54.87	52.65'			
51	POT (VANCE SPUR)	88+40.48 / 20.23' RT	52+50.81	69.09'			
52	POT (VANCE SPUR)	88+41.47 / 49.14' RT	52+50.74	98.01'			

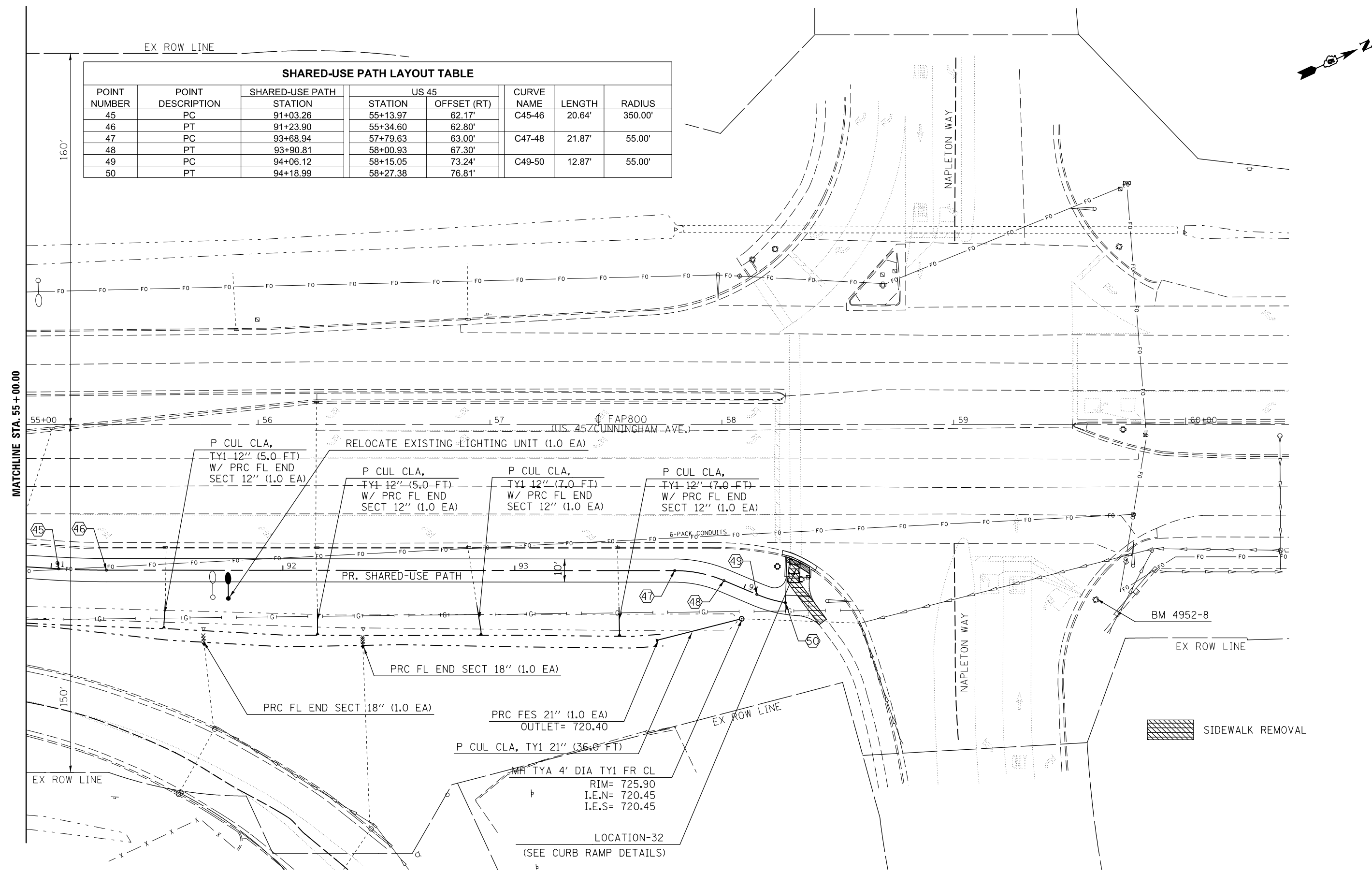


MATCHLINE STA. 49+00.00

MATCHLINE STA. 55+00.00

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\$MODELNAME\$		DATE -	REVISED -		SCALE: SHEET 12 OF 13 SHEETS STA. 49+00.00 TO STA. 55+00.00			CONTRACT NO. 70A10				
					ILLINOIS FED. AID PROJECT							

SHARED-USE PATH LAYOUT TABLE							
POINT NUMBER	POINT DESCRIPTION	SHARED-USE PATH STATION	US 45		CURVE NAME	LENGTH	RADIUS
			STATION	OFFSET (RT)			
45	PC	91+03.26	55+13.97	62.17'	C45-46	20.64'	350.00'
46	PT	91+23.90	55+34.60	62.80'			
47	PC	93+68.94	57+79.63	63.00'	C47-48	21.87'	55.00'
48	PT	93+90.81	58+00.93	67.30'			
49	PC	94+06.12	58+15.05	73.24'	C49-50	12.87'	55.00'
50	PT	94+18.99	58+27.38	76.81'			



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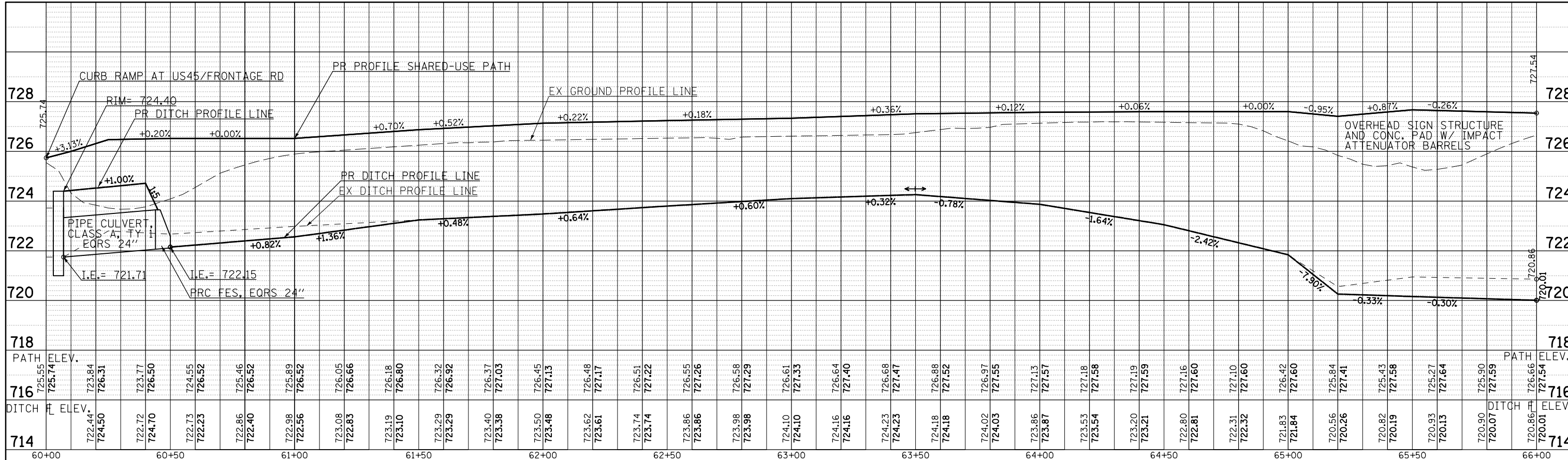
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 / (CUNNINGHAM AVE)
PLAN SHEET**

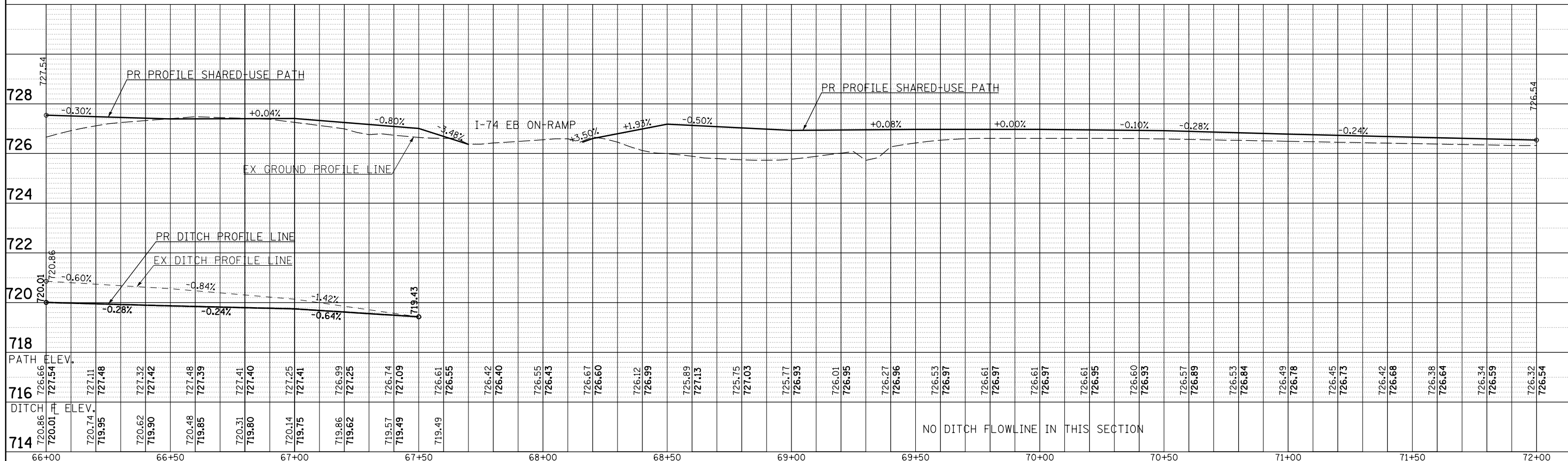
SCALE: SHEET 13 OF 13 SHEETS STA. 55+00.00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	49
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		

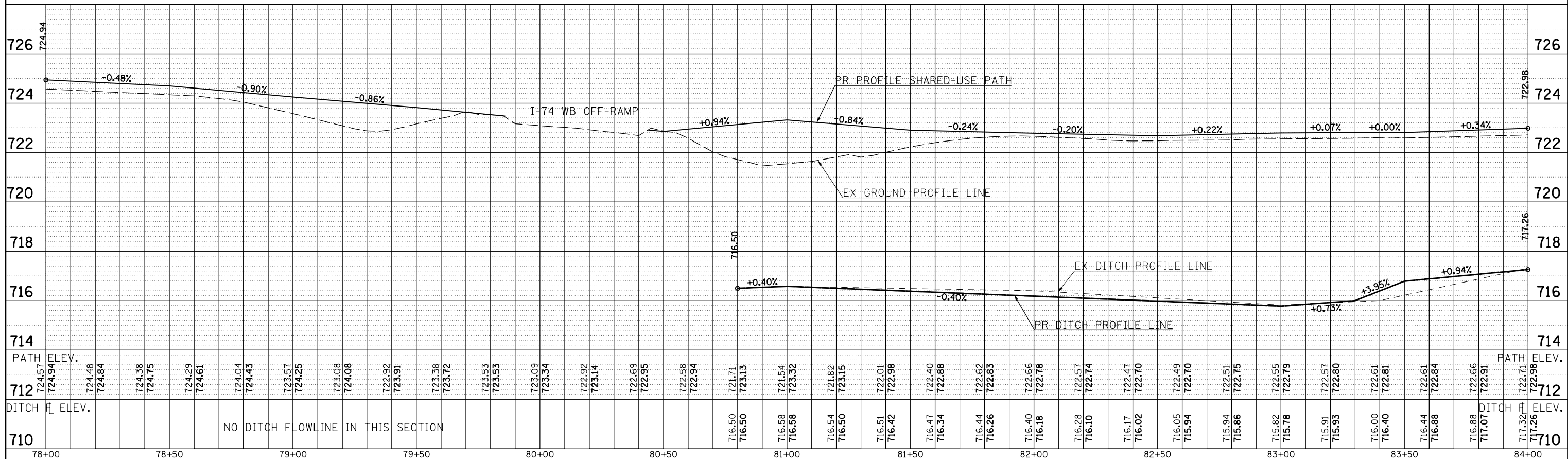
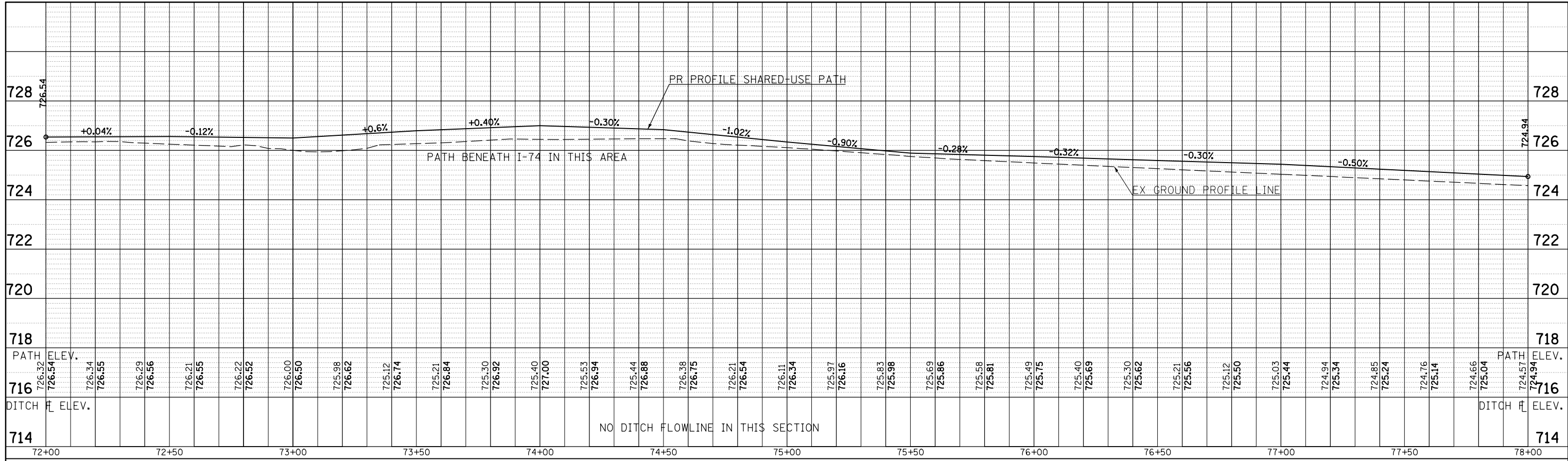


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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 70A10				
MODELNAME	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 3 SHEETS STA. 60+00.00 TO STA. 72+00.00

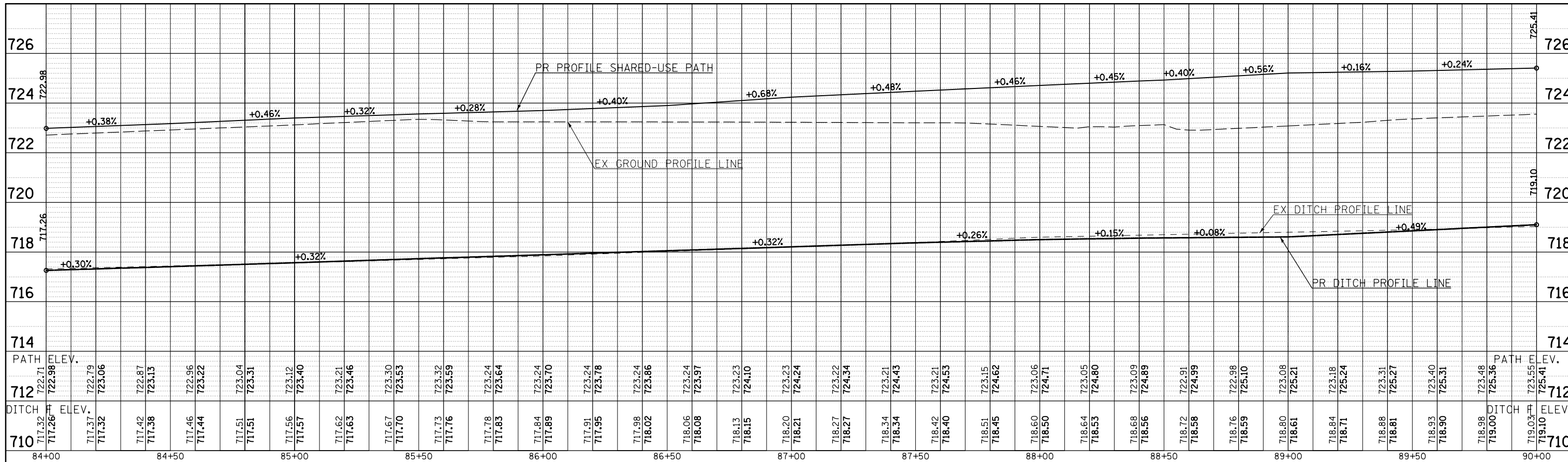
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	CHECKED		
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	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
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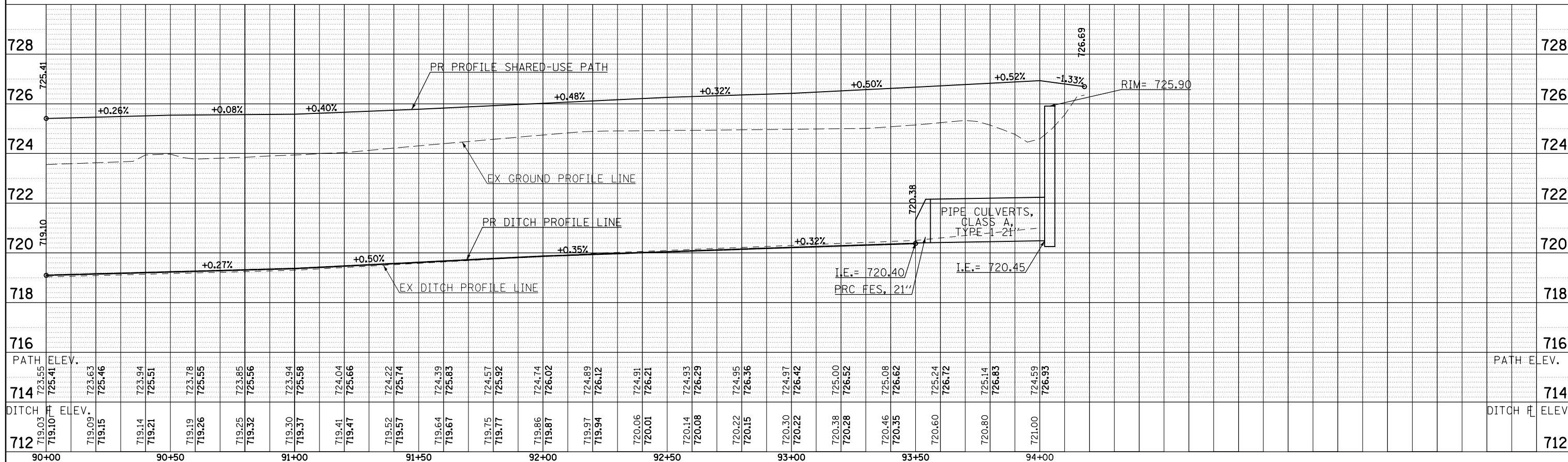


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800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173			51				
CONTRACT NO. 70A10										
ILLINOIS FED. AID PROJECT										

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	PROJECT NO.		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	PROJECT NO.		
	FILE NAME		



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHARED-USE PATH PROFILE SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED -	REVISED -			800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	52	
		DATE -	REVISED -			CONTRACT NO. 70A10					
						ILLINOIS FED. AID PROJECT					

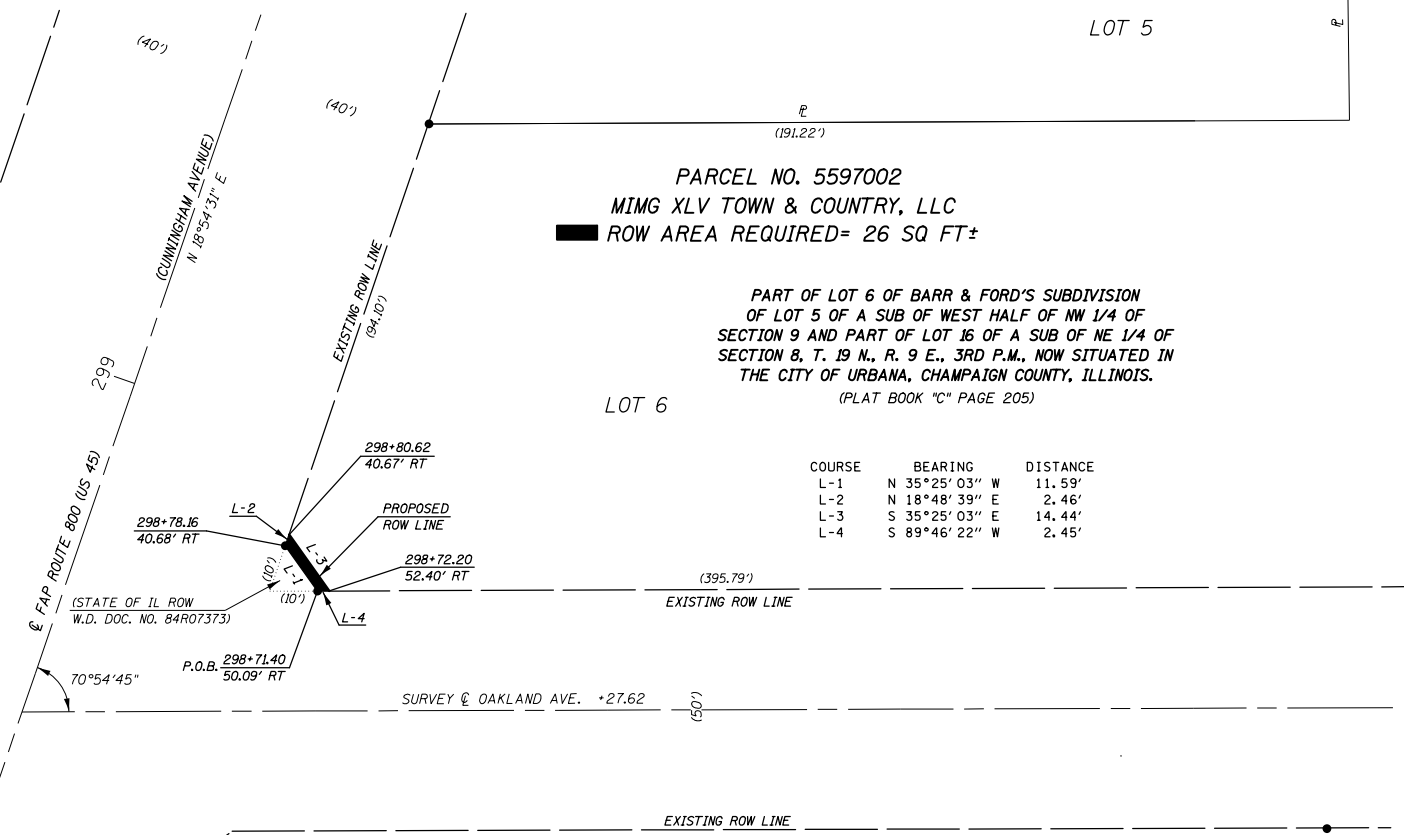
NOTES
 BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD83 (2011 ADJ.)
 ● IRON PIN OR PIPE FOUND
 () RECORD DATA
 FIELD WORK COMPLETED: MARCH 2017
 (TITLE REFERENCE: SPECIAL WARRANTY DEED IN TRUST DOC. NO. 2013R06480)
 (PLAT REFERENCE: ALTA/ACSM SURVEY BY MSA PROF. SERVICES, PLS NO. 2591 DATED 2/25/2013, & REVISED DATES OF 3/04/2013 & 3/18/2013)



PARCEL NO. 5597002
 MIMG XLV TOWN & COUNTRY, LLC
 ROW AREA REQUIRED= 26 SQ FT±

PART OF LOT 6 OF BARR & FORD'S SUBDIVISION OF LOT 5 OF A SUB OF WEST HALF OF NW 1/4 OF SECTION 9 AND PART OF LOT 16 OF A SUB OF NE 1/4 OF SECTION 8, T. 19 N., R. 9 E., 3RD P.M., NOW SITUATED IN THE CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.
 (PLAT BOOK "C" PAGE 205)

COURSE	BEARING	DISTANCE
L-1	N 35°25' 03" W	11.59'
L-2	N 18°48' 39" E	2.46'
L-3	S 35°25' 03" E	14.44'
L-4	S 89°46' 22" W	2.45'



PARCEL NO. 5597001
 VICTOR J. FUENTES, TRUSTEE,
 VICTOR J. FUENTES TRUST
 DATED MARCH 6, 2015
 ROW AREA REQUIRED= 177 SQ FT±

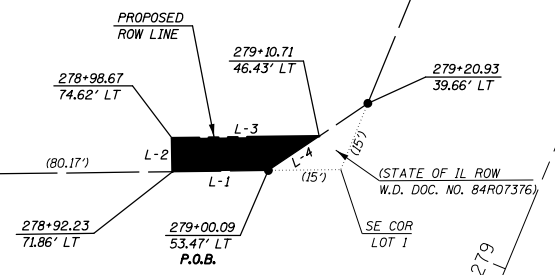
COURSE	BEARING	DISTANCE
L-1	S 89°17' 29" W	20.00'
L-2	N 00°42' 31" W	7.00'
L-3	N 89°17' 29" E	30.65'
L-4	S 55°58' 19" W	12.74'

ROBERT F. COX FIRST ADDITION
 (PLAT BOOK "H" PAGE 118)

LOT 2

LOT 1

NOTES
 BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD83 (2011 ADJ.)
 ● IRON PIN OR PIPE FOUND
 () RECORD DATA
 FIELD WORK COMPLETED: MARCH 2017
 (TITLE REFERENCE: W. DEED IN TRUST DOC. NO. 2015R06790)

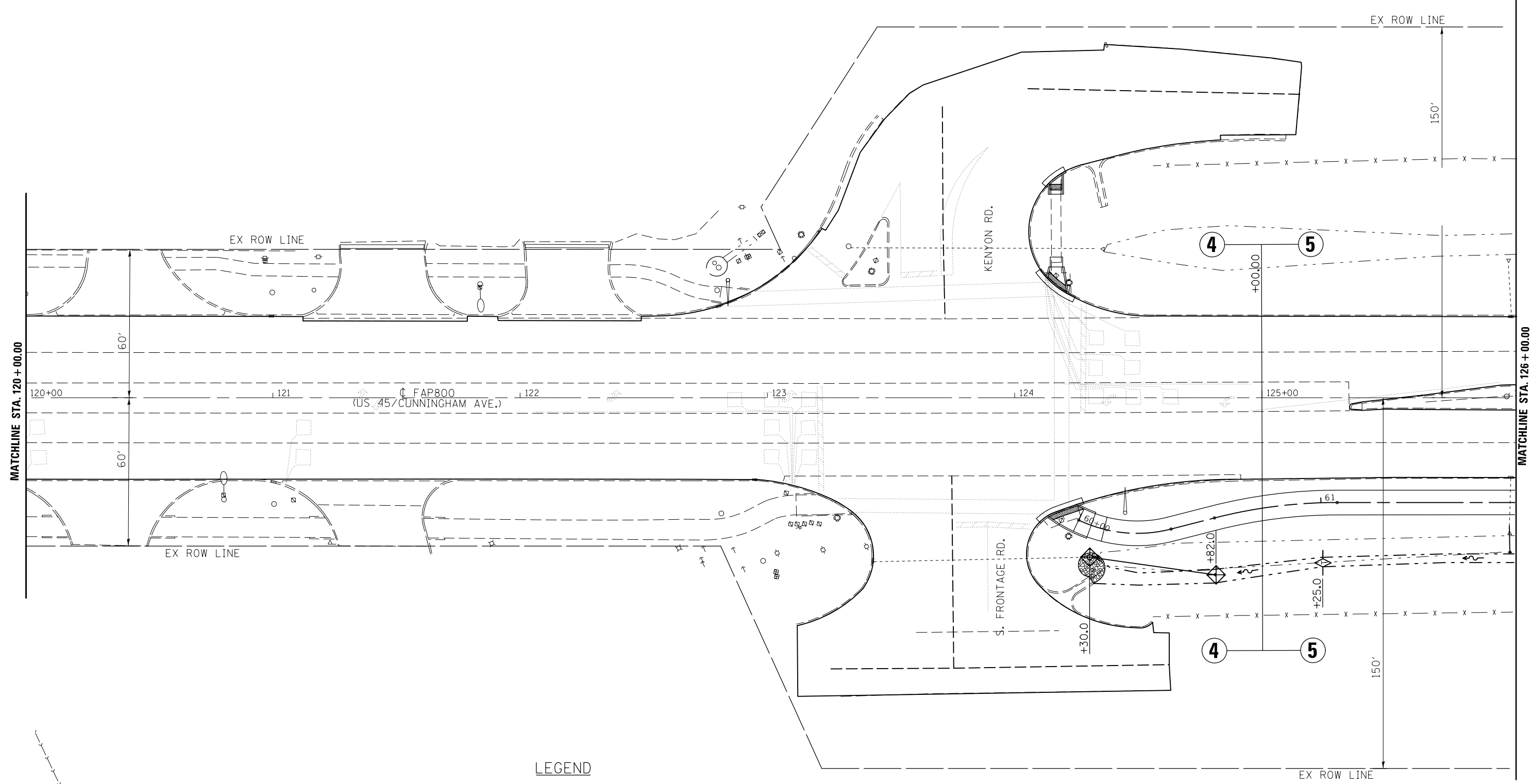
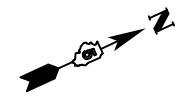


"CITY OF URBANA"

REVISION	DATE	DESCRIPTION
		ILLINOIS DEPT. OF TRANSPORTATION
		RIGHT OF WAY PLAN
		ROUTE FAP 800 (US 45)
		SECTION (28X-2)RS-3 & (28X-1)RS-6
		COUNTY CHAMPAIGN
		JOB* R-95-059-17
		SEC 8 & 9 T.19N., R.9E., 3RD P.M.
		STA 278+00 TO STA 300+00
		DRAWN KWH CHECKED KWH
		SCALE: 1"= 20' SHEET NO. 1 OF 1

BY	DATE

R.O.W. PLAT	NOTEBOOK NO.



LEGEND

- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER

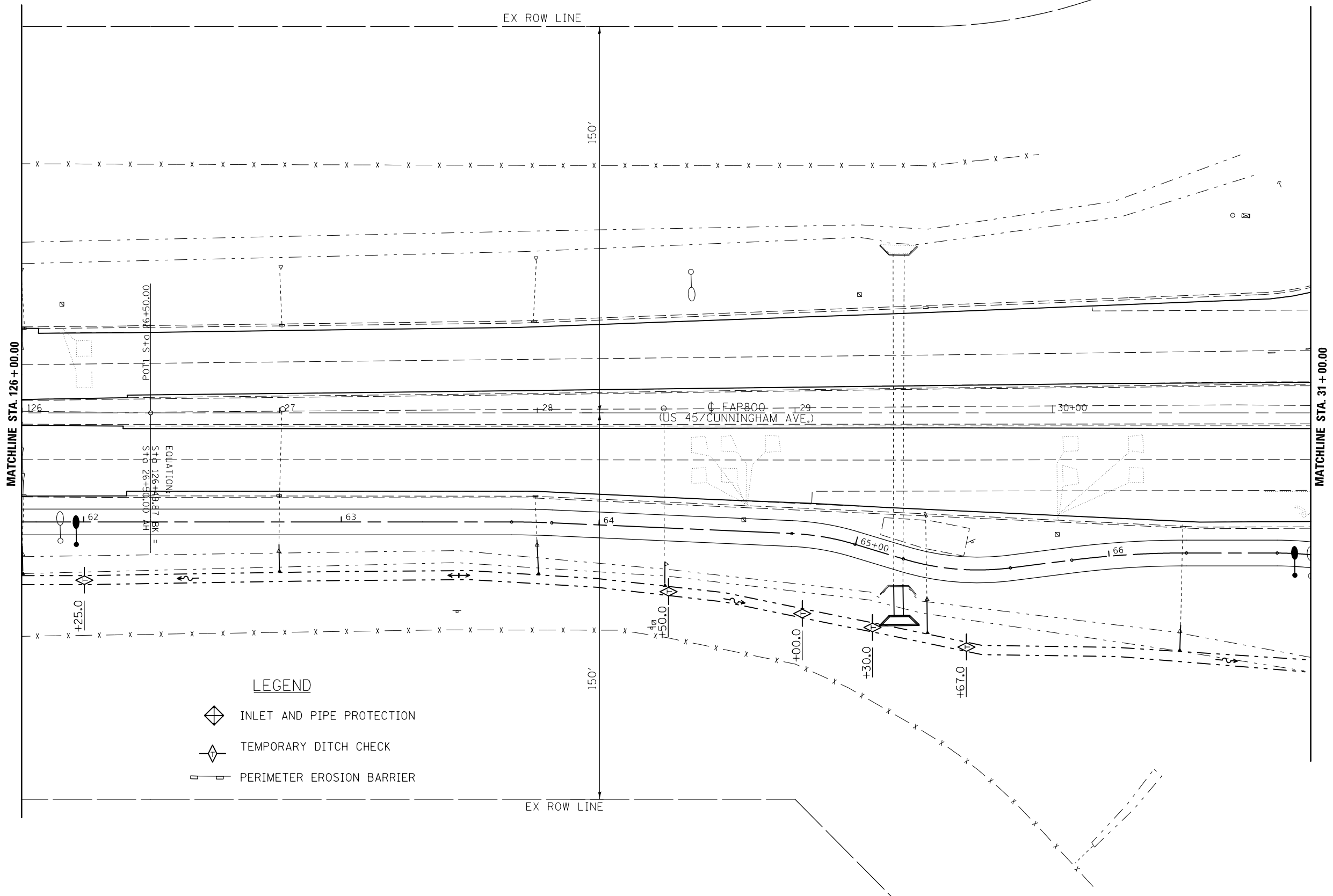
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 / (CUNNINGHAM AVE)
EROSION CONTROL SHEET**

SCALE: SHEET 1 OF 7 SHEETS STA. 120+00.00 TO STA. 126+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	54
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	



LEGEND

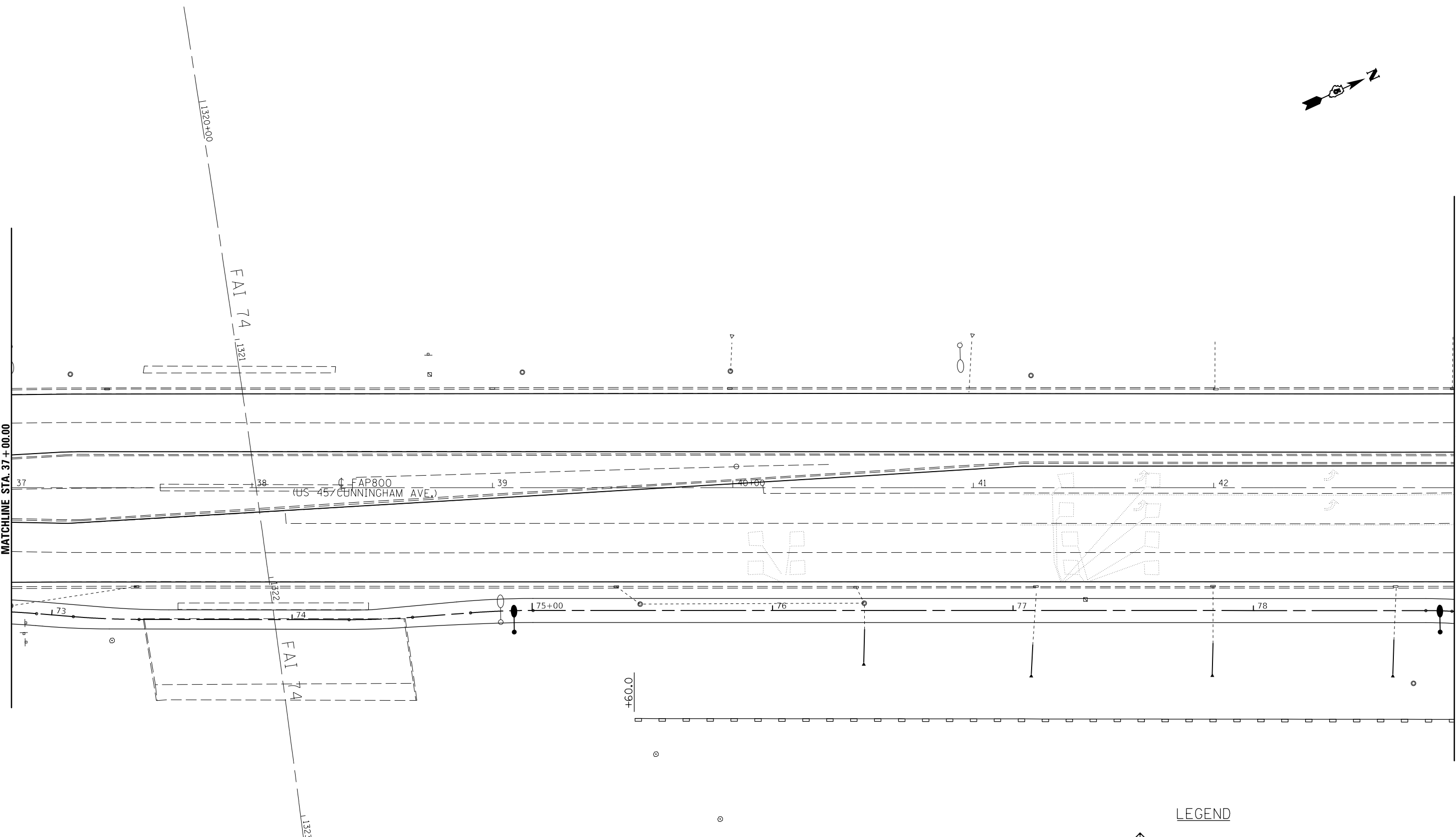
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER




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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -				800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	55
MODELNAME	PLOT DATE = 12/14/2017	DATE -	REVISED -	SCALE: SHEET 2 OF 7 SHEETS STA. 126+00.00 TO STA. 31+00.00		CONTRACT NO. 70A10 ILLINOIS FED. AID PROJECT					



MATCHLINE STA. 37+00.00

MATCHLINE STA. 43+00.00



- LEGEND**
-  INLET AND PIPE PROTECTION
 -  TEMPORARY DITCH CHECK
 -  PERIMETER EROSION BARRIER

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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = 12/14/2017		




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

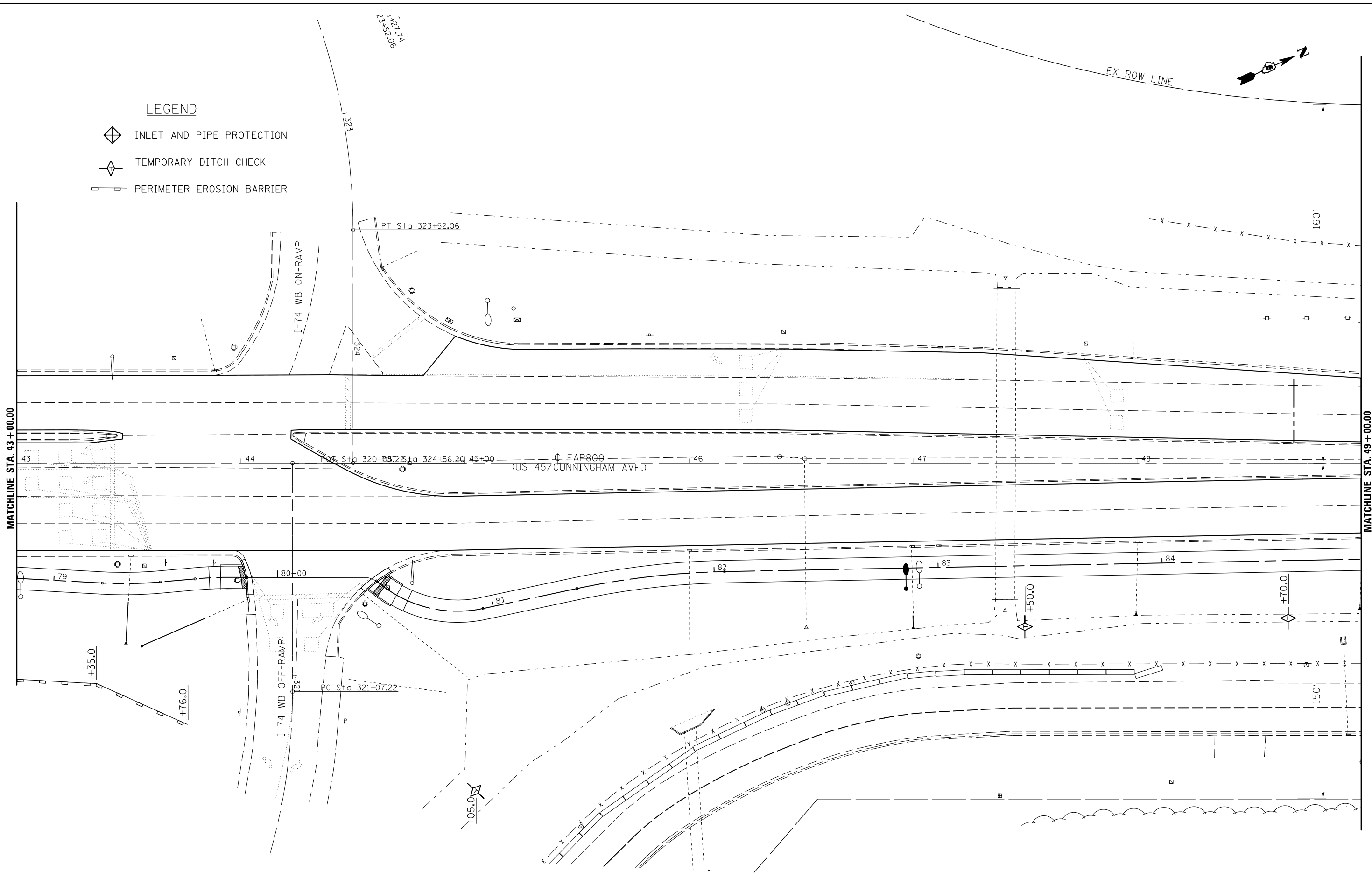
**US 45 / (CUNNINGHAM AVE)
EROSION CONTROL SHEET**

SCALE: SHEET 4 OF 7 SHEETS STA. 37+00.00 TO STA. 43+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	57
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	




LEGEND

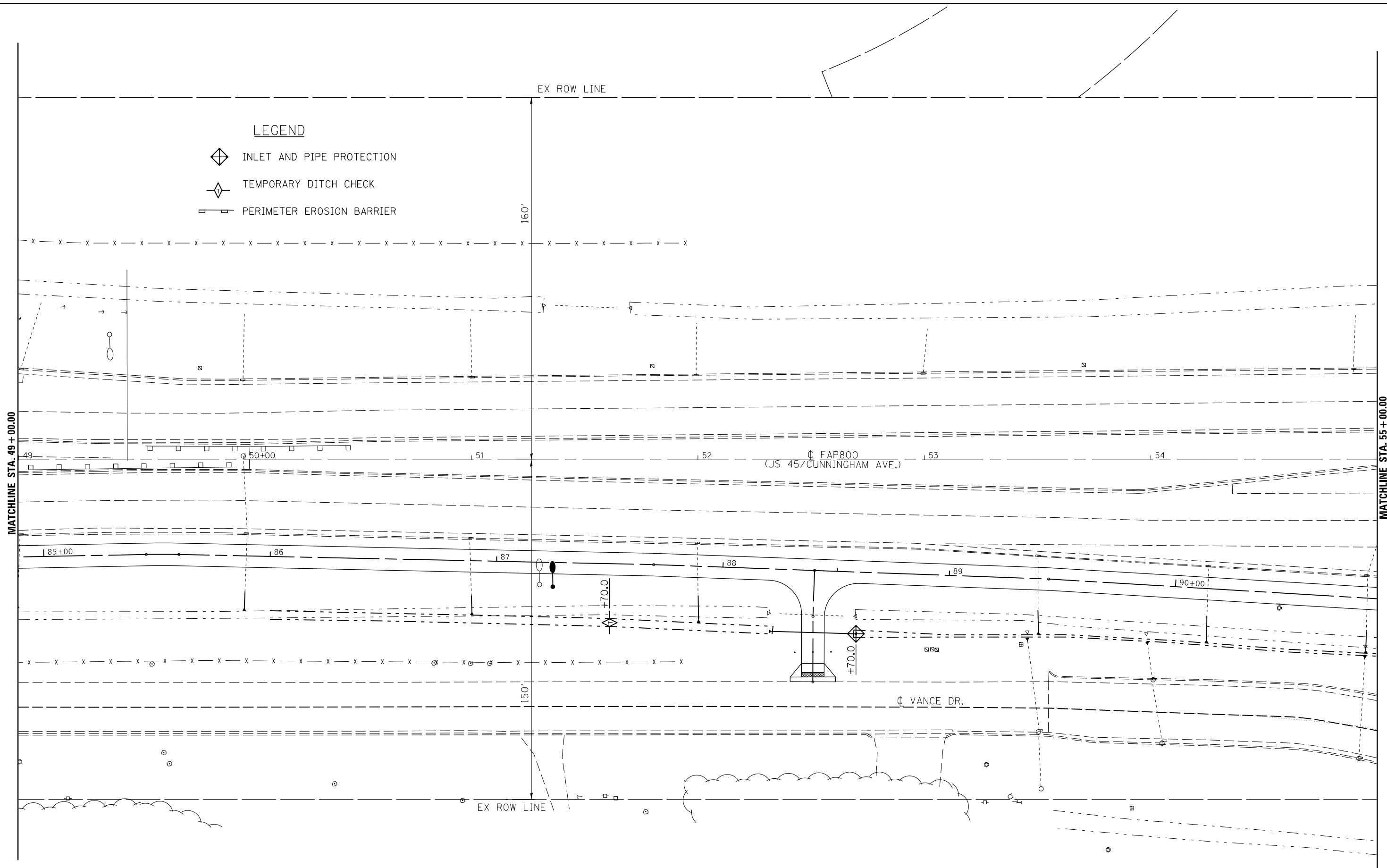
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER



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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -				800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	58
MODELNAME	PLOT DATE = 12/14/2017	DATE -	REVISED -	SCALE: SHEET 5 OF 7 SHEETS STA. 43+00.00 TO STA. 49+00.00		CONTRACT NO. 70A10 ILLINOIS FED. AID PROJECT					

LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER



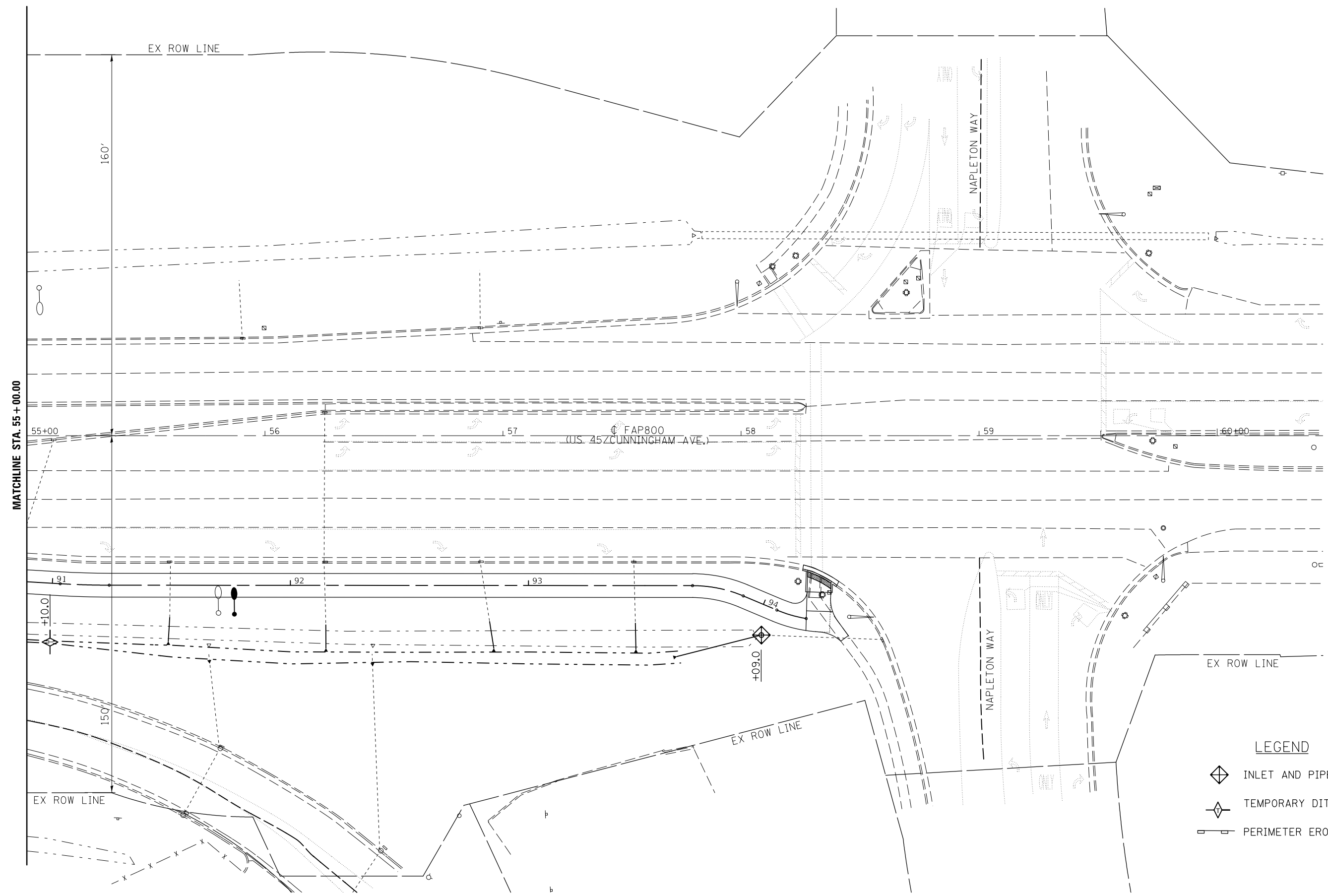
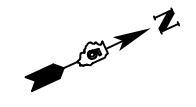
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 / (CUNNINGHAM AVE)
EROSION CONTROL SHEET

SCALE: SHEET 6 OF 7 SHEETS STA. 49+00.00 TO STA. 55+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	59
				CONTRACT NO. 70A10
ILLINOIS FED. AID PROJECT				



- LEGEND**
- INLET AND PIPE PROTECTION
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER

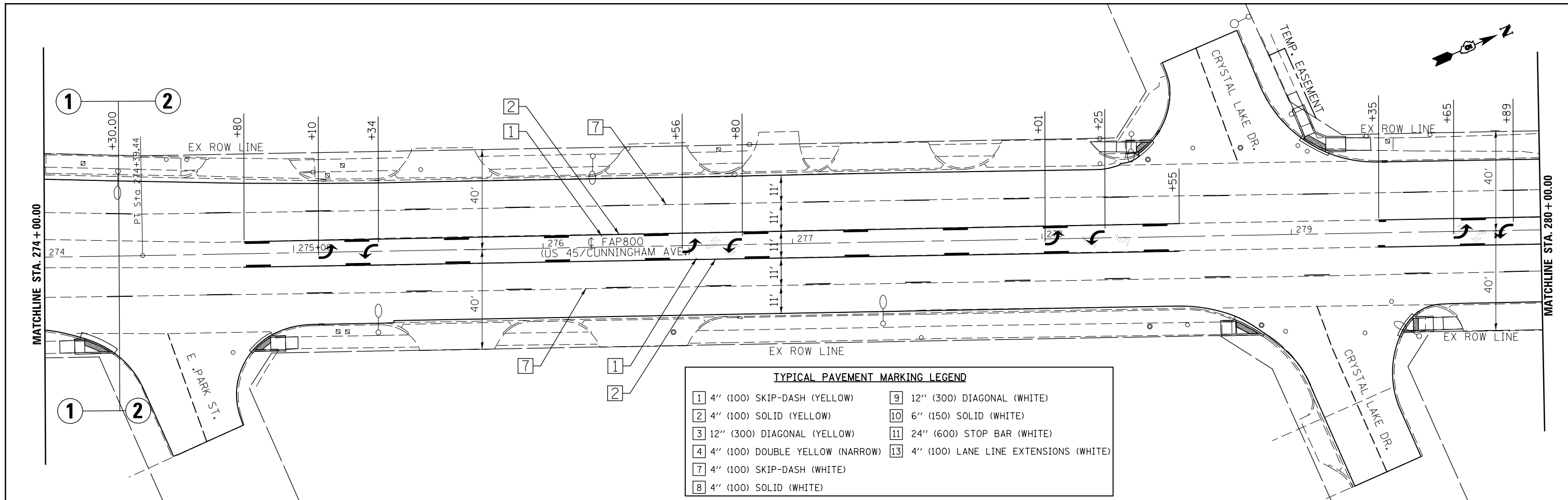
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 / (CUNNINGHAM AVE)
EROSION CONTROL SHEET**

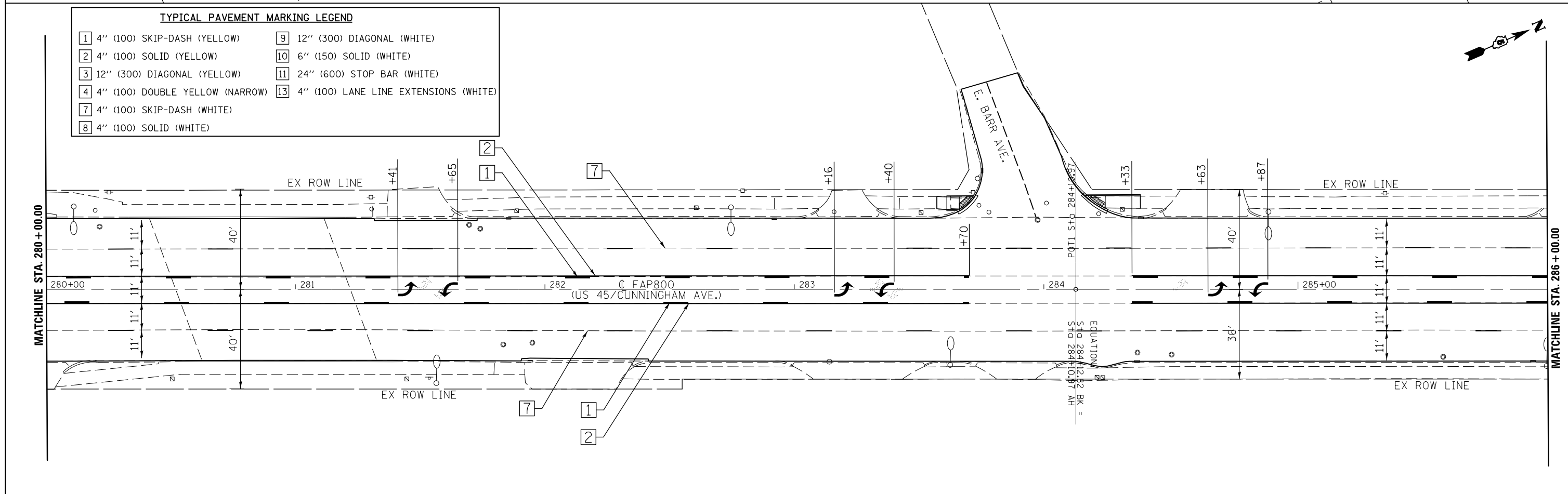
SCALE: SHEET 7 OF 7 SHEETS STA. 55+00.00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	60
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	



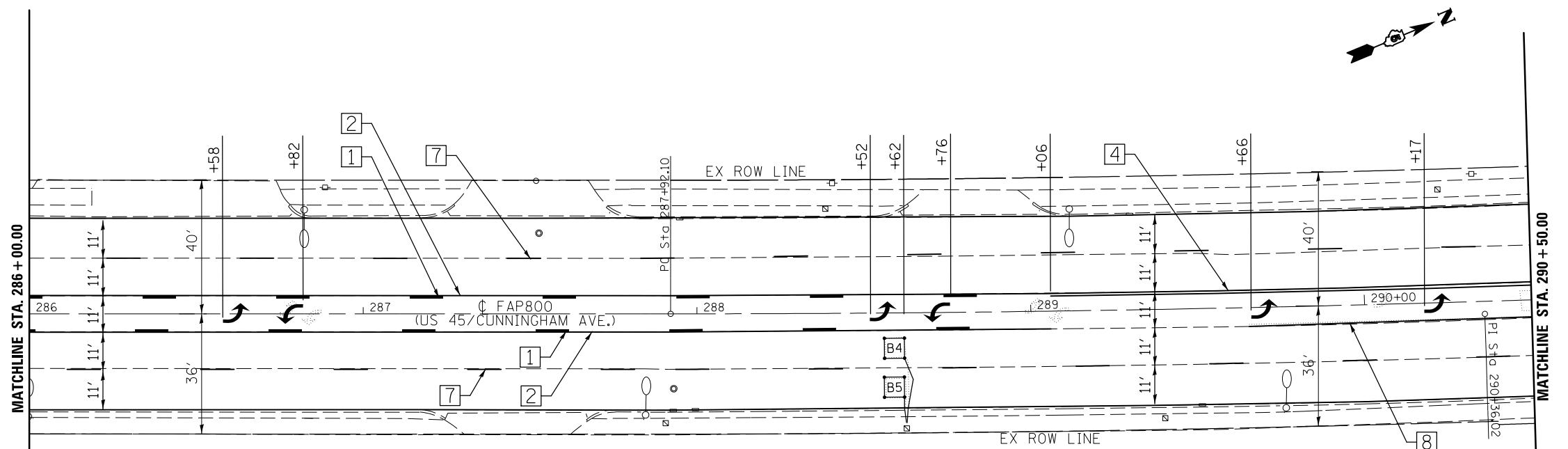
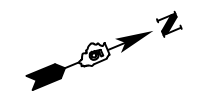
TYPICAL PAVEMENT MARKING LEGEND

1 4" (100) SKIP-DASH (YELLOW)	9 12" (300) DIAGONAL (WHITE)
2 4" (100) SOLID (YELLOW)	10 6" (150) SOLID (WHITE)
3 12" (300) DIAGONAL (YELLOW)	11 24" (600) STOP BAR (WHITE)
4 4" (100) DOUBLE YELLOW (NARROW)	13 4" (100) LANE LINE EXTENSIONS (WHITE)
7 4" (100) SKIP-DASH (WHITE)	
8 4" (100) SOLID (WHITE)	



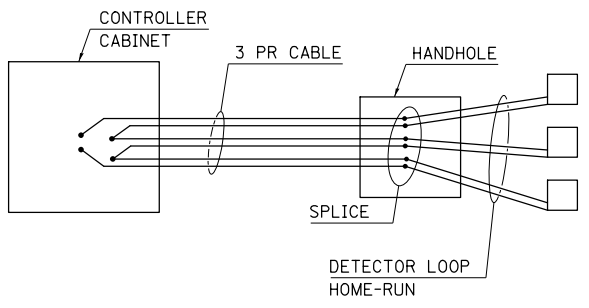
TYPICAL PAVEMENT MARKING LEGEND

1 4" (100) SKIP-DASH (YELLOW)	9 12" (300) DIAGONAL (WHITE)
2 4" (100) SOLID (YELLOW)	10 6" (150) SOLID (WHITE)
3 12" (300) DIAGONAL (YELLOW)	11 24" (600) STOP BAR (WHITE)
4 4" (100) DOUBLE YELLOW (NARROW)	13 4" (100) LANE LINE EXTENSIONS (WHITE)
7 4" (100) SKIP-DASH (WHITE)	
8 4" (100) SOLID (WHITE)	



DETAIL OF DETECTOR LOOP WIRING

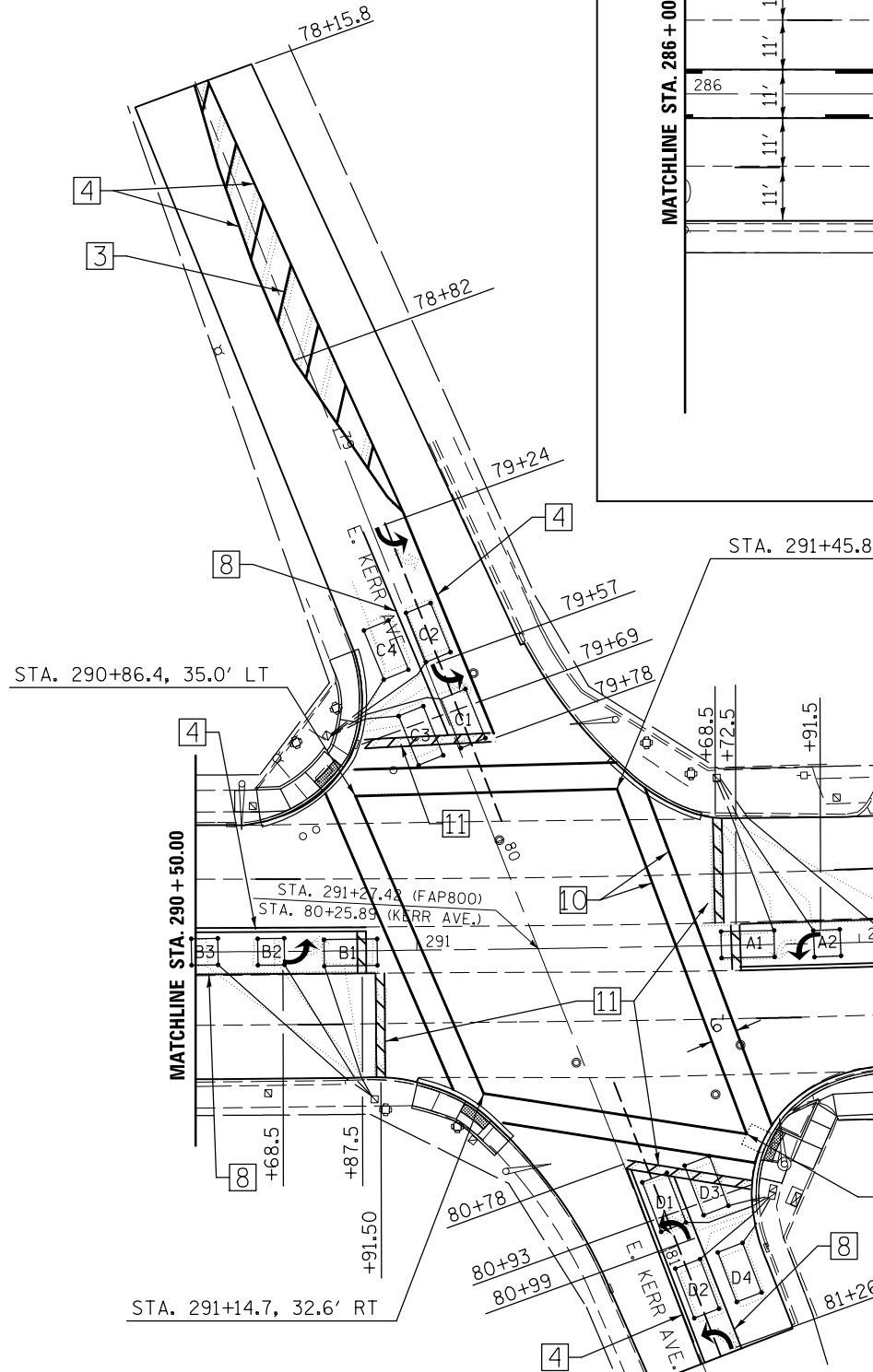
WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA				
U.S. 45 (Cunningham Ave.) & Kerr Ave.				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1	12	6	3	
A2-3	6	6	3	
A4-5	6	6	5	
B1	12	6	3	
B2-3	6	6	3	
B4-5	6	6	5	
C1-2	12	6	4	
C3-4	12	6	4	10
D1-2	12	6	3	
D3-4	12	6	3	10

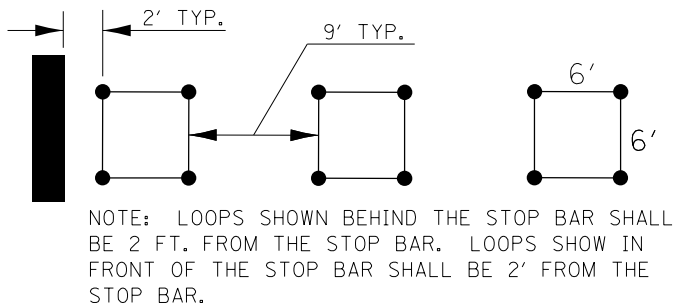
NOTES:
 THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1-3), (A4-5), (B1-3), (B4-5), (C1-2), (C3-4), (D1-2), (D3-4)

DETECTOR LOOP, TYPE 1 = 820.0 FT.



TYPICAL PAVEMENT MARKING LEGEND

1 4" (100) SKIP-DASH (YELLOW)	9 12" (300) DIAGONAL (WHITE)
2 4" (100) SOLID (YELLOW)	10 6" (150) SOLID (WHITE)
3 12" (300) DIAGONAL (YELLOW)	11 24" (600) STOP BAR (WHITE)
4 4" (100) DOUBLE YELLOW (NARROW)	13 4" (100) LANE LINE EXTENSIONS (WHITE)
7 4" (100) SKIP-DASH (WHITE)	
8 4" (100) SOLID (WHITE)	



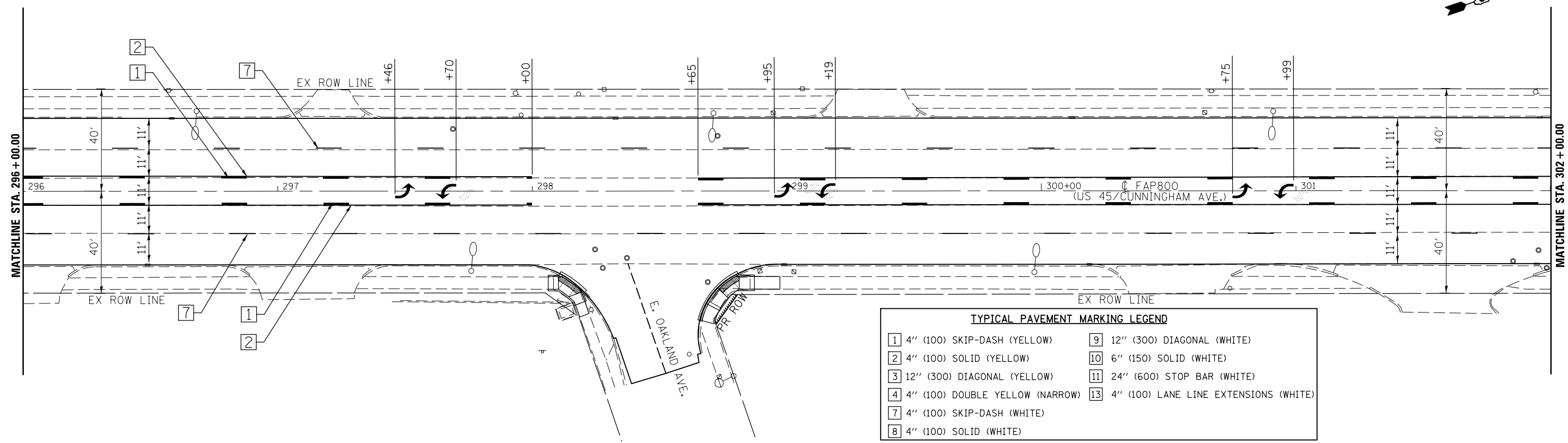
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		CHECKED	REVISED
		DATE	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 45 / (CUNNINGHAM AVE)
 PAVEMENT MARKING PLAN SHEET**

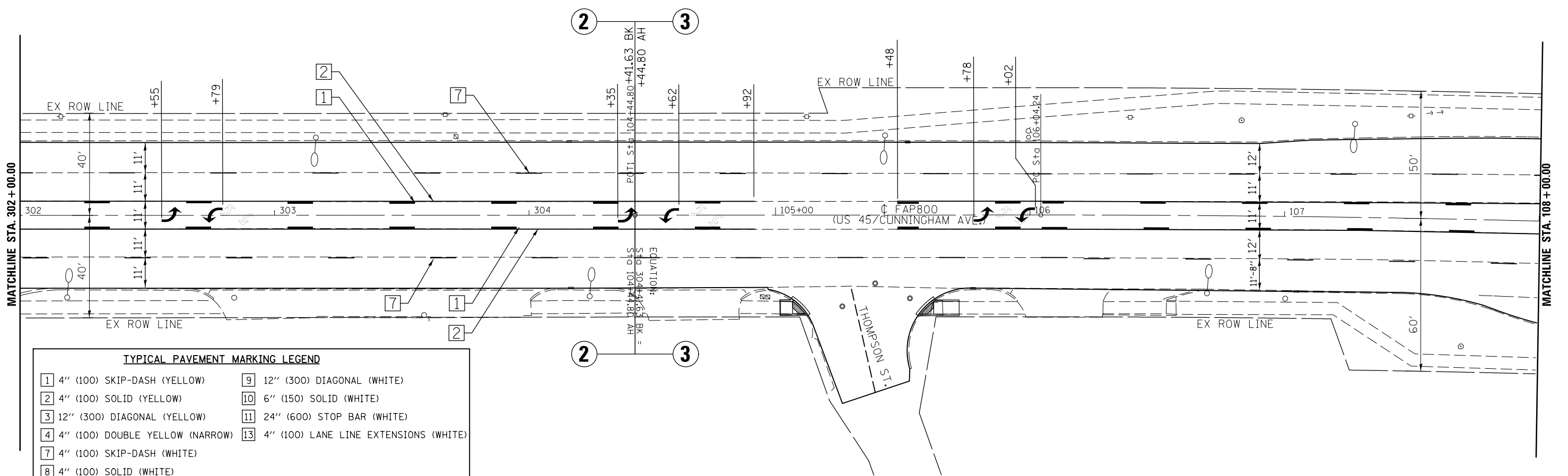
SCALE: SHEET 3 OF 11 SHEETS STA. 286+00.00 TO STA. 296+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)R	CHAMPAIGN	173	63
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	



TYPICAL PAVEMENT MARKING LEGEND

1 4" (100) SKIP-DASH (YELLOW)	9 12" (300) DIAGONAL (WHITE)
2 4" (100) SOLID (YELLOW)	10 6" (150) SOLID (WHITE)
3 12" (300) DIAGONAL (YELLOW)	11 24" (600) STOP BAR (WHITE)
4 4" (100) DOUBLE YELLOW (NARROW)	13 4" (100) LANE LINE EXTENSIONS (WHITE)
7 4" (100) SKIP-DASH (WHITE)	
8 4" (100) SOLID (WHITE)	



TYPICAL PAVEMENT MARKING LEGEND

1 4" (100) SKIP-DASH (YELLOW)	9 12" (300) DIAGONAL (WHITE)
2 4" (100) SOLID (YELLOW)	10 6" (150) SOLID (WHITE)
3 12" (300) DIAGONAL (YELLOW)	11 24" (600) STOP BAR (WHITE)
4 4" (100) DOUBLE YELLOW (NARROW)	13 4" (100) LANE LINE EXTENSIONS (WHITE)
7 4" (100) SKIP-DASH (WHITE)	
8 4" (100) SOLID (WHITE)	

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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#MODELNAME#	PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

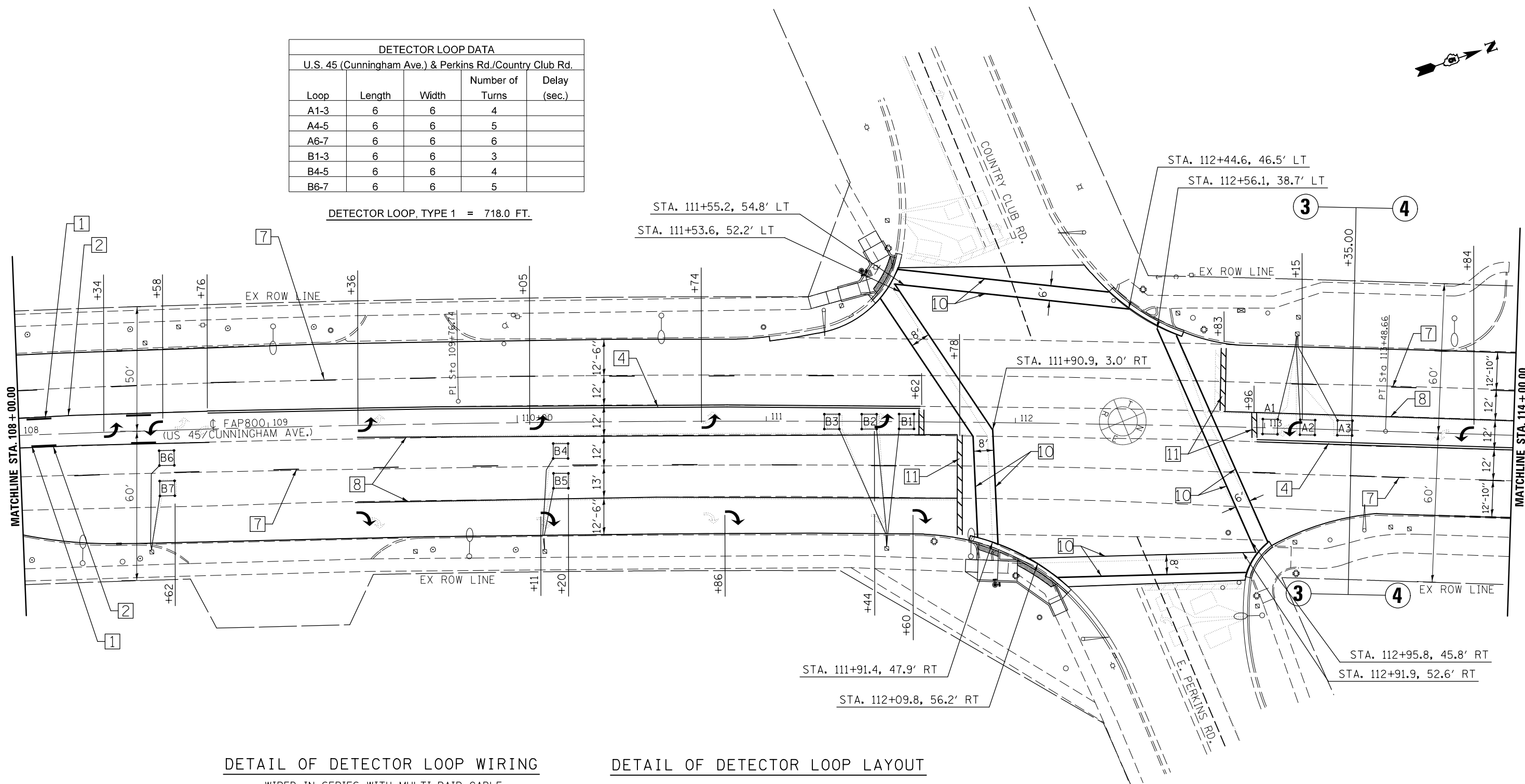
**US 45 / (CUNNINGHAM AVE)
PAVEMENT MARKING PLAN SHEET**

SCALE: SHEET 4 OF 11 SHEETS STA. 296+00.00 TO STA. 108+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)R	CHAMPAIGN	173	64
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	

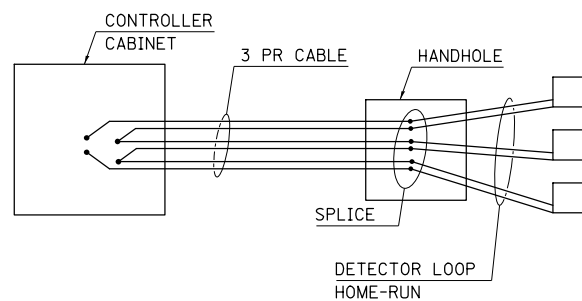
DETECTOR LOOP DATA				
U.S. 45 (Cunningham Ave.) & Perkins Rd./Country Club Rd.				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1-3	6	6	4	
A4-5	6	6	5	
A6-7	6	6	6	
B1-3	6	6	3	
B4-5	6	6	4	
B6-7	6	6	5	

DETECTOR LOOP, TYPE 1 = 718.0 FT.

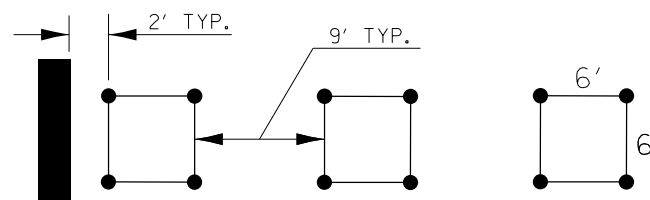


DETAIL OF DETECTOR LOOP WIRING

WIRED IN SERIES WITH MULTI-PAIR CABLE



DETAIL OF DETECTOR LOOP LAYOUT



NOTE: ALL LOOPS ARE SIZED AT 6' x 6' UNLESS OTHERWISE STATED IN THE PLANS.

TYPICAL PAVEMENT MARKING LEGEND

1 4" (100) SKIP-DASH (YELLOW)	9 12" (300) DIAGONAL (WHITE)
2 4" (100) SOLID (YELLOW)	10 6" (150) SOLID (WHITE)
3 12" (300) DIAGONAL (YELLOW)	11 24" (600) STOP BAR (WHITE)
4 4" (100) DOUBLE YELLOW (NARROW)	13 4" (100) LANE LINE EXTENSIONS (WHITE)
7 4" (100) SKIP-DASH (WHITE)	
8 4" (100) SOLID (WHITE)	

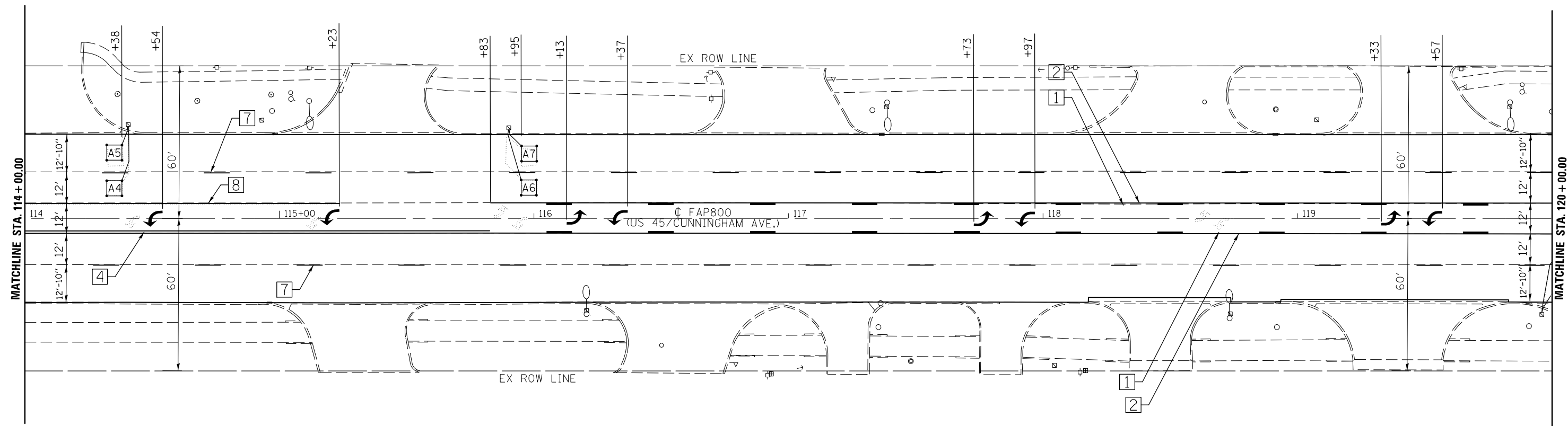
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 / (CUNNINGHAM AVE)
PAVEMENT MARKING PLAN SHEET**

SCALE: SHEET 5 OF 11 SHEETS STA. 108+00.00 TO STA. 114+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	65
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	



TYPICAL PAVEMENT MARKING LEGEND	
1 4" (100) SKIP-DASH (YELLOW)	9 12" (300) DIAGONAL (WHITE)
2 4" (100) SOLID (YELLOW)	10 6" (150) SOLID (WHITE)
3 12" (300) DIAGONAL (YELLOW)	11 24" (600) STOP BAR (WHITE)
4 4" (100) DOUBLE YELLOW (NARROW)	13 4" (100) LANE LINE EXTENSIONS (WHITE)
7 4" (100) SKIP-DASH (WHITE)	
8 4" (100) SOLID (WHITE)	

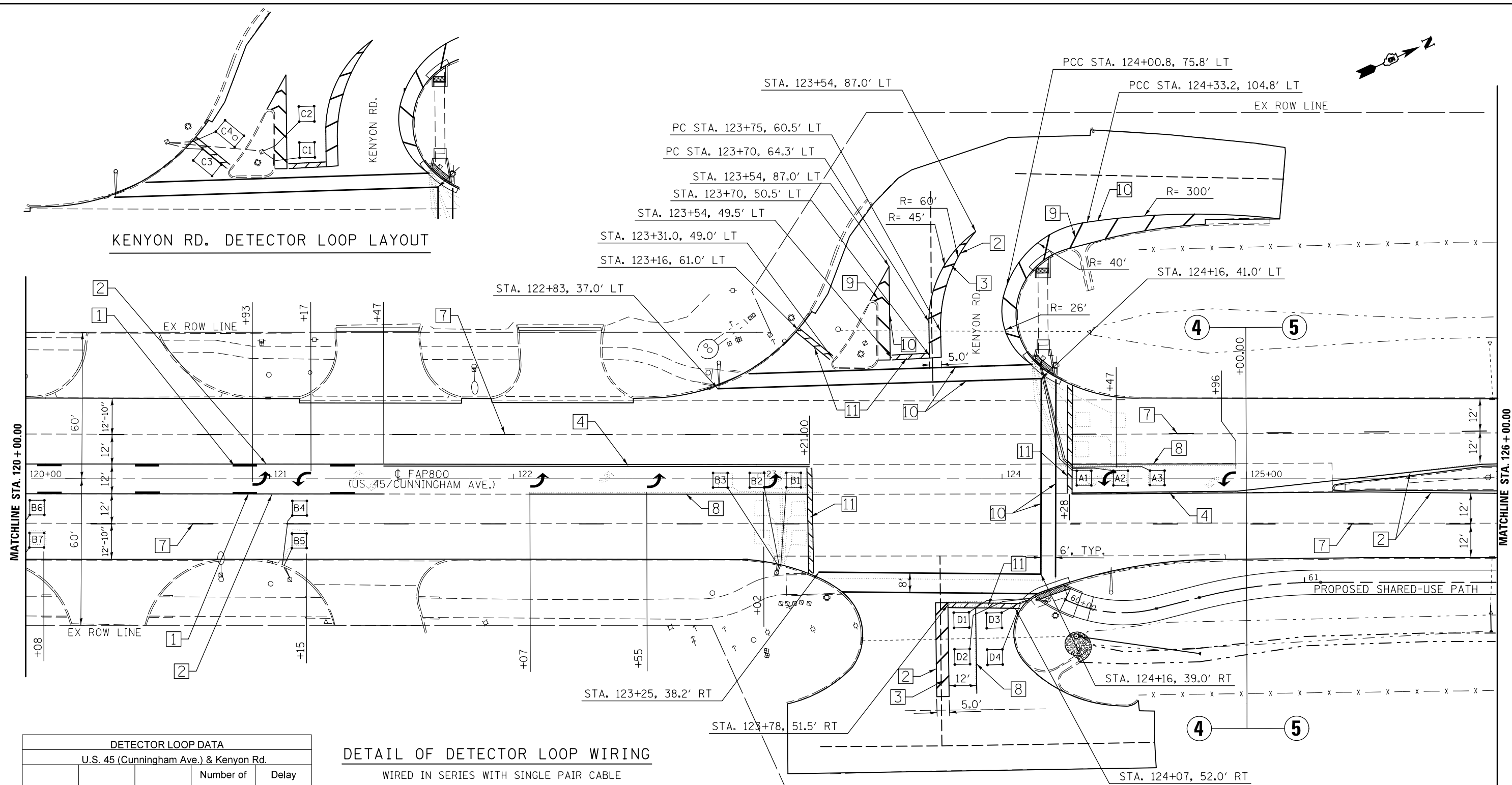
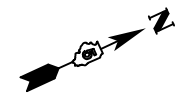
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 / (CUNNINGHAM AVE)
PAVEMENT MARKING PLAN SHEET**

SCALE: SHEET 6 OF 11 SHEETS STA. 114+00.00 TO STA. 120+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	66
				CONTRACT NO. 70A10
ILLINOIS FED. AID PROJECT				

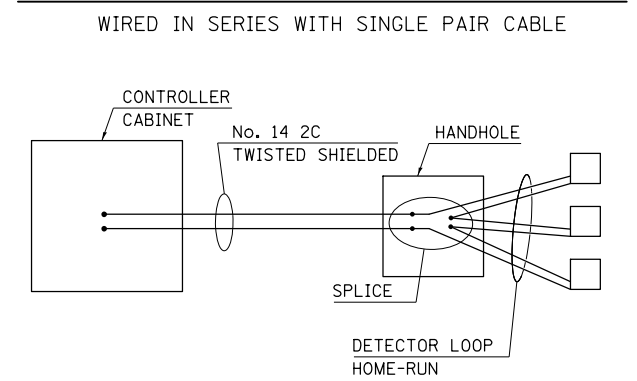


KENYON RD. DETECTOR LOOP LAYOUT

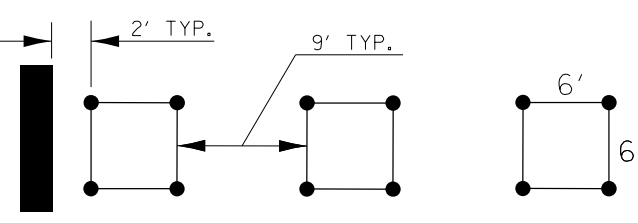
DETECTOR LOOP DATA				
U.S. 45 (Cunningham Ave.) & Kenyon Rd.				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1-3	6	6	4	
A4-5	6	6	4	
A6-7	6	6	4	
B1-3	6	6	4	
B4-5	6	6	4	
B6-7	6	6	4	
C1-2	6	6	4	
C3-4	10	6	4	10
D1-2	6	6	4	
D3-4	6	6	4	10

DETECTOR LOOP, TYPE 1 = 1,043.0 FT.

DETAIL OF DETECTOR LOOP WIRING

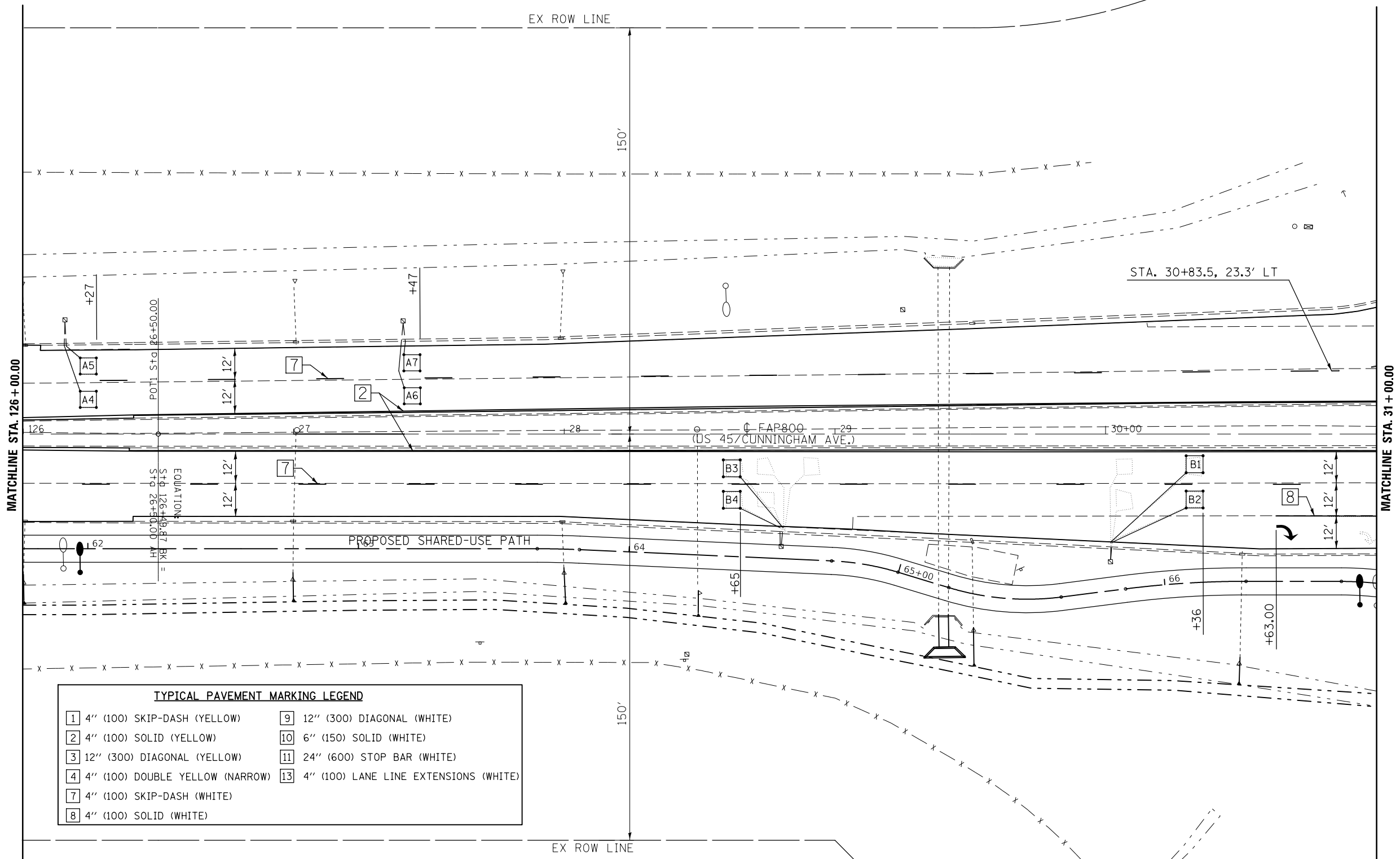
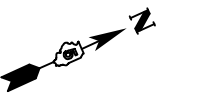


DETAIL OF DETECTOR LOOP LAYOUT



NOTE: ALL LOOPS ARE SIZED AT 6' x 6' UNLESS OTHERWISE STATED IN THE PLANS.

TYPICAL PAVEMENT MARKING LEGEND			
1	4" (100) SKIP-DASH (YELLOW)	9	12" (300) DIAGONAL (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)	13	4" (100) LANE LINE EXTENSIONS (WHITE)
7	4" (100) SKIP-DASH (WHITE)		
8	4" (100) SOLID (WHITE)		



TYPICAL PAVEMENT MARKING LEGEND			
1	4" (100) SKIP-DASH (YELLOW)	9	12" (300) DIAGONAL (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)	13	4" (100) LANE LINE EXTENSIONS (WHITE)
7	4" (100) SKIP-DASH (WHITE)		
8	4" (100) SOLID (WHITE)		

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 12/14/2017	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

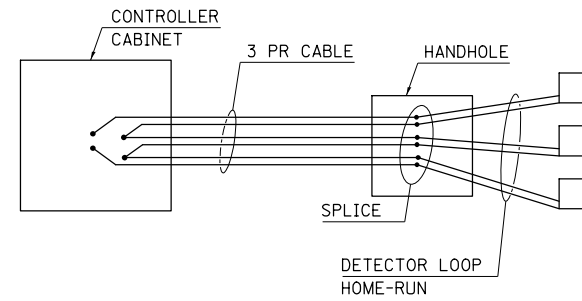
**US 45 / (CUNNINGHAM AVE)
PAVEMENT MARKING PLAN SHEET**

SCALE: SHEET 8 OF 11 SHEETS STA. 126+00.00 TO STA. 31+00.00

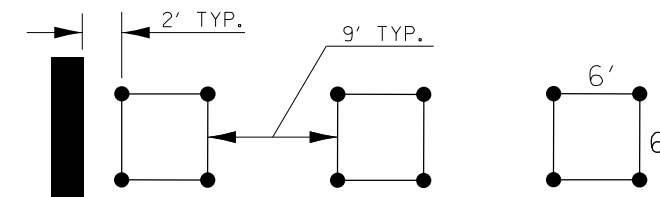
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	68
CONTRACT NO. 70A10				
ILLINOIS FED. AID PROJECT				

DETAIL OF DETECTOR LOOP WIRING

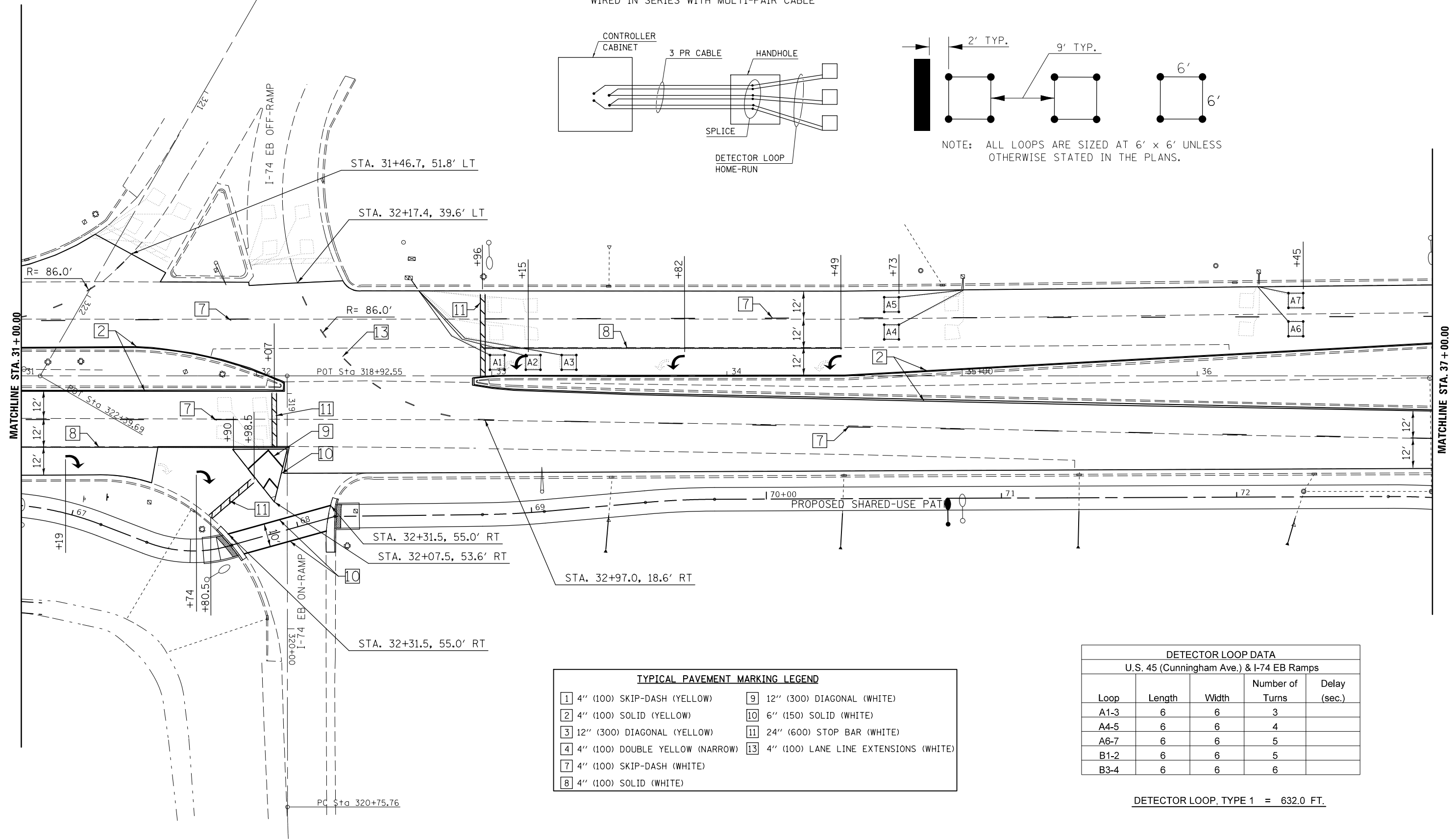
WIRED IN SERIES WITH MULTI-PAIR CABLE



DETAIL OF DETECTOR LOOP LAYOUT



NOTE: ALL LOOPS ARE SIZED AT 6' x 6' UNLESS OTHERWISE STATED IN THE PLANS.



TYPICAL PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)	9	12" (300) DIAGONAL (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)	13	4" (100) LANE LINE EXTENSIONS (WHITE)
7	4" (100) SKIP-DASH (WHITE)		
8	4" (100) SOLID (WHITE)		

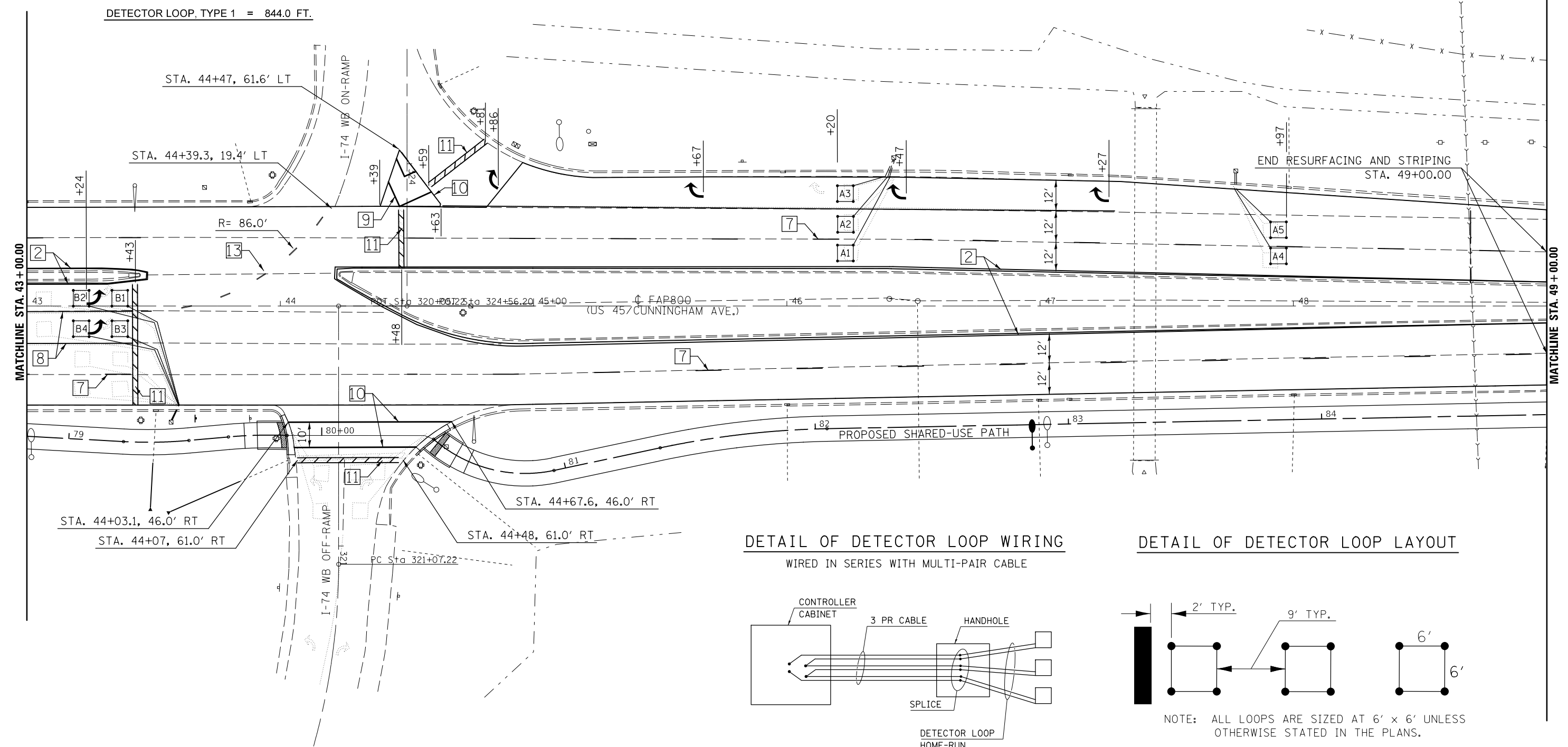
DETECTOR LOOP DATA
U.S. 45 (Cunningham Ave.) & I-74 EB Ramps

Loop	Length	Width	Number of Turns	Delay (sec.)
A1-3	6	6	3	
A4-5	6	6	4	
A6-7	6	6	5	
B1-2	6	6	5	
B3-4	6	6	6	

DETECTOR LOOP, TYPE 1 = 632.0 FT.

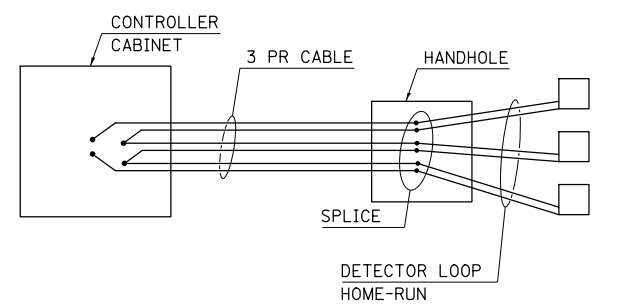
DETECTOR LOOP DATA				
U.S. 45 (Cunningham Ave.) & I-74 WB Ramps				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1-2	6	6	4	
A3	6	6	4	
A4-5	6	6	4	
B1-2	6	6	4	
B3-4	6	6	4	
B5-6	6	6	5	
B7-8	6	6	5	
B9-10	6	6	6	

TYPICAL PAVEMENT MARKING LEGEND	
1	4" (100) SKIP-DASH (YELLOW)
2	4" (100) SOLID (YELLOW)
3	12" (300) DIAGONAL (YELLOW)
4	4" (100) DOUBLE YELLOW (NARROW)
7	4" (100) SKIP-DASH (WHITE)
8	4" (100) SOLID (WHITE)
9	12" (300) DIAGONAL (WHITE)
10	6" (150) SOLID (WHITE)
11	24" (600) STOP BAR (WHITE)
13	4" (100) LANE LINE EXTENSIONS (WHITE)

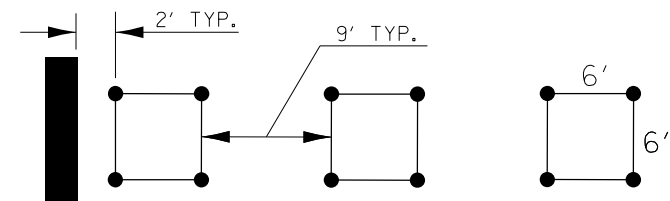


DETECTOR LOOP, TYPE 1 = 844.0 FT.

DETAIL OF DETECTOR LOOP WIRING
WIRED IN SERIES WITH MULTI-PAIR CABLE



DETAIL OF DETECTOR LOOP LAYOUT

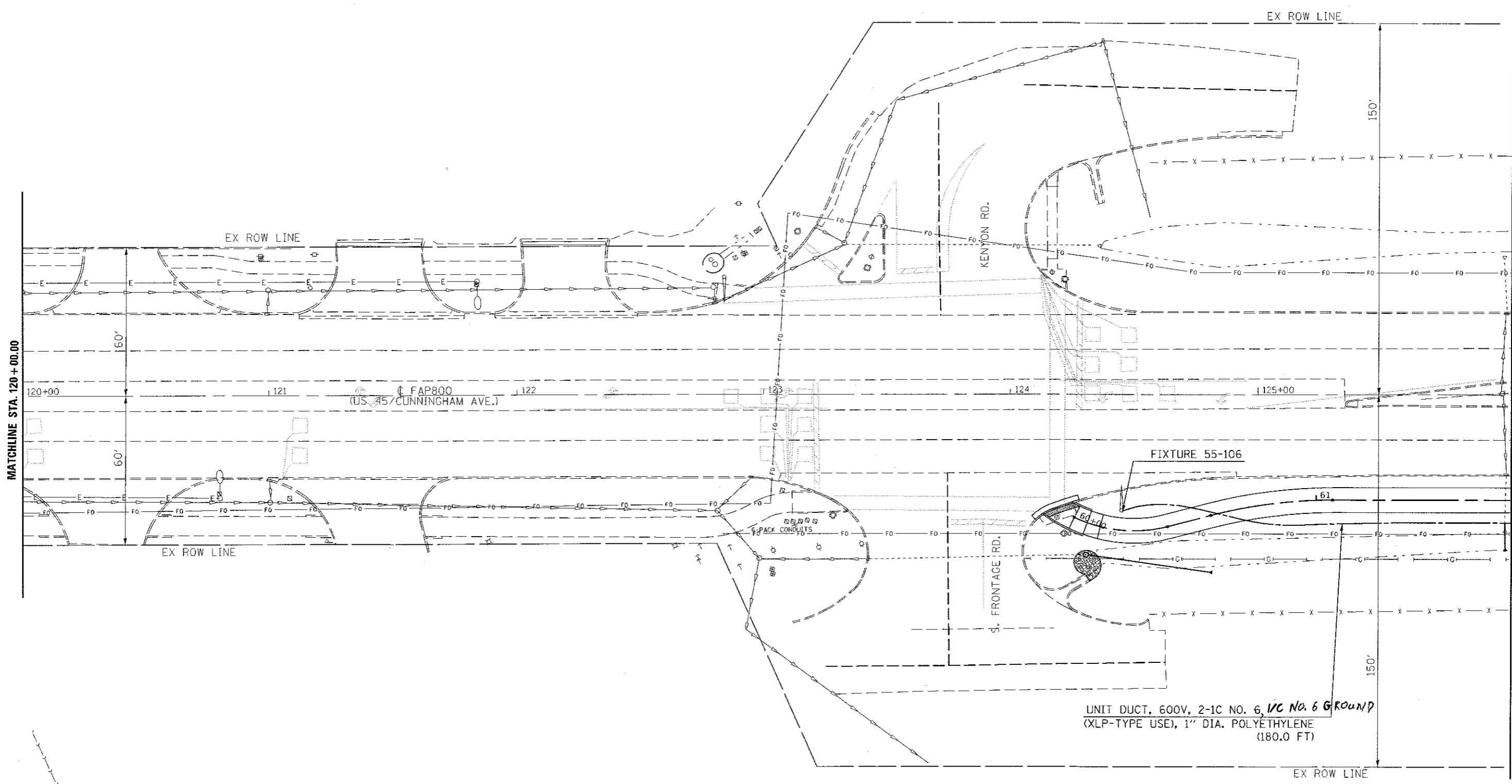


FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579A10-sht-pmk.dgn		REVISIONS	REVISIONS
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISIONS	REVISIONS
DATE = 12/14/2017	DATE -	REVISIONS	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 / (CUNNINGHAM AVE)
PAVEMENT MARKING PLAN SHEET
SCALE: SHEET 11 OF 11 SHEETS STA. 43+00.00 TO STA. 49+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	71
CONTRACT NO. 70A10				
ILLINOIS FED. AID PROJECT				



UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND
 (XLP-TYPE USE), 1" DIA. POLYETHYLENE
 (180.0 FT)

FILE NAME :	USER NAME : ceerlockjd	DESIGNED -	REVISED -
\\IL084EBID\TEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0572\0572-010-shl-light.dgn		CHECKED -	REVISED -
#MODELNAME#	PLOT SCALE = 40.0000 1" = 40.0000'	DATE -	REVISED -
	PLOT DATE = 12/14/2017		

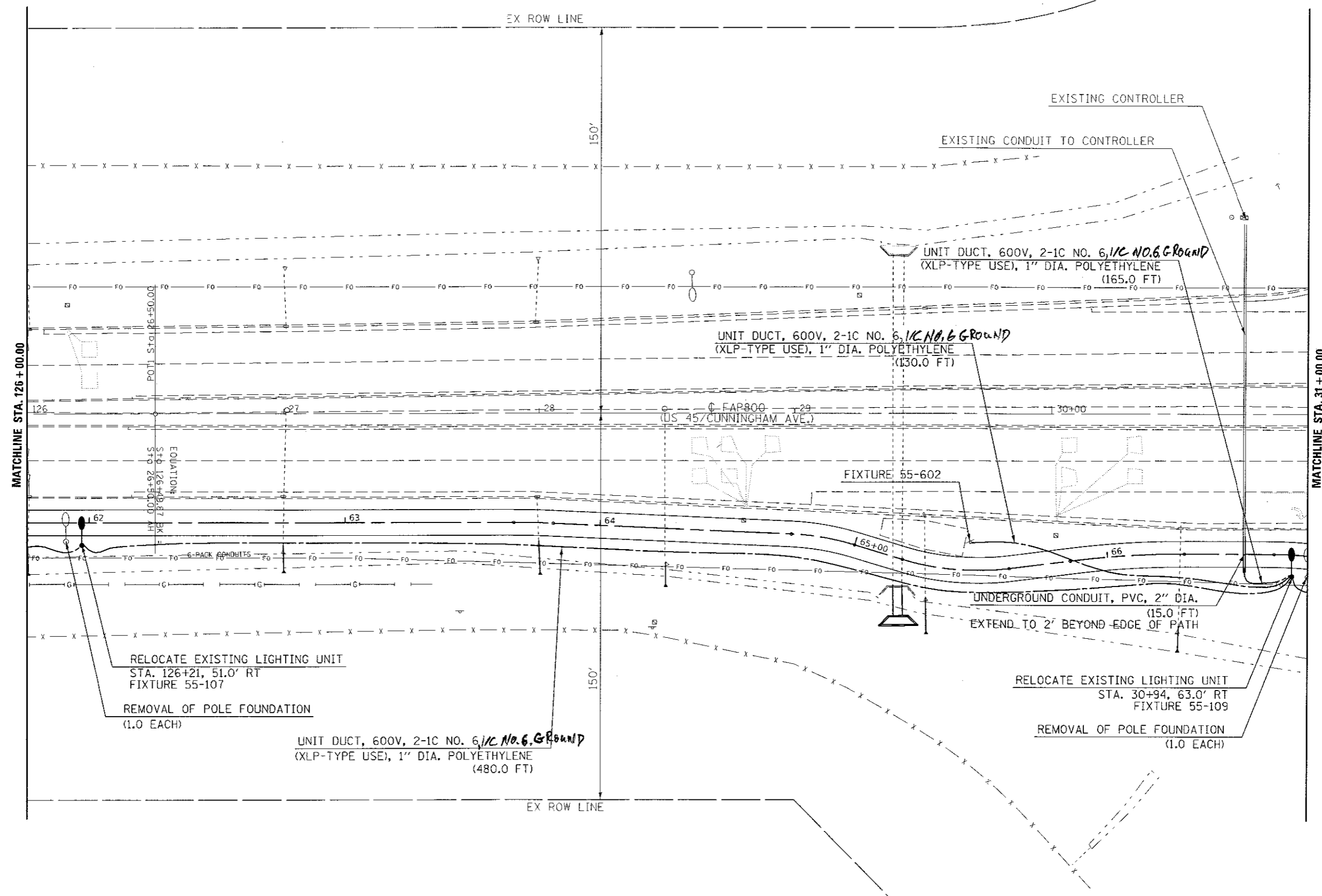
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 45 / (CUNNINGHAM AVE)
 LIGHTING PLAN SHEET**

SCALE: SHEET 1 OF 7 SHEETS STA. 120+00.00 TO STA. 126+00.00

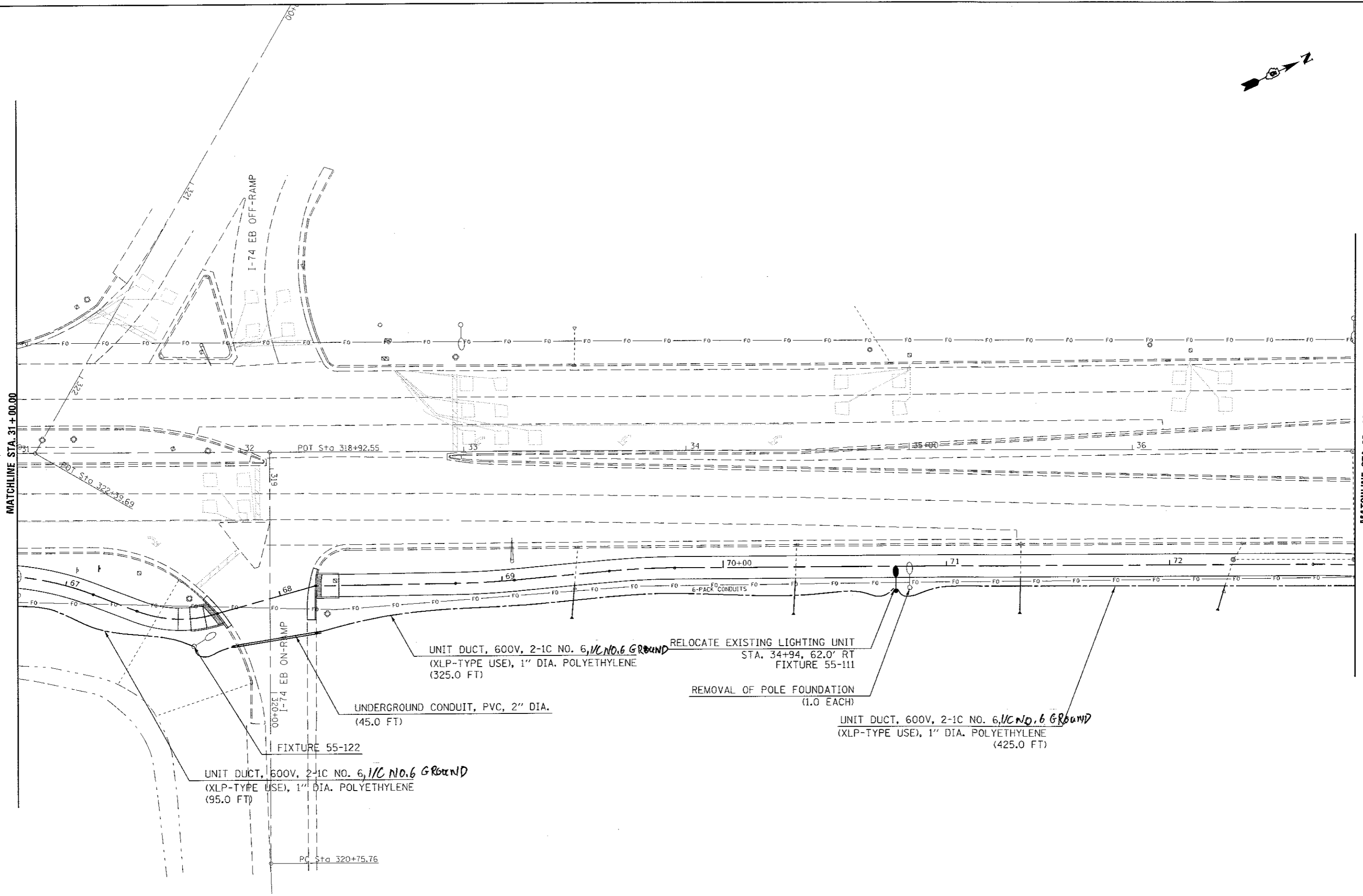
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2IRS-3 & (28X-1IRS-6	CHAMPAIGN	173	72
CONTRACT NO. 70A10				
ILLINOIS FED. AID PROJECT				

REV 1-22-18



FILE NAME :	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 / (CUNNINGHAM AVE) LIGHTING PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11084EBI\INTEG\illinoisgo\PIWIDOT\do	Drawn Data\Design\0578\10-shr-light.dgn	CHECKED -	REVISED -			800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	73	
#MODELNAME#	PLT SCALE = 40.0000 1/4" = 1'	DATE -	REVISED -			CONTRACT NO. 70A10		ILLINOIS FED. AID PROJECT			
	PLT DATE = 12/14/2017					SCALE:	SHEET 2 OF 7 SHEETS	STA. 126+00.00	TO STA. 31+00.00		

REV



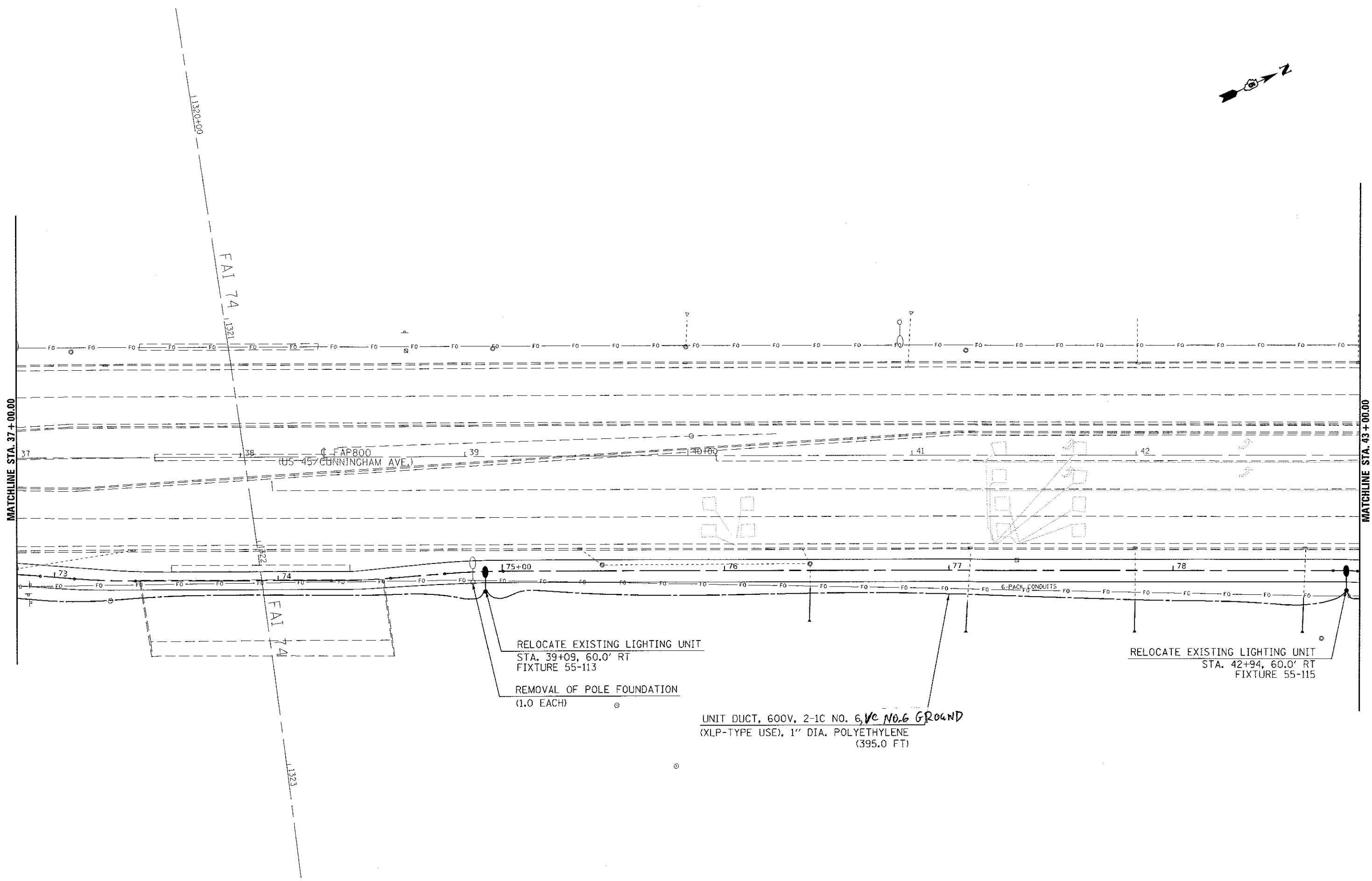
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PROJECT :	PROJECT NO. = 0572410	CHECKED -	REVISED -
DATE :	DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 45 / (CUNNINGHAM AVE) LIGHTING PLAN SHEET	
SCALE:	SHEET 3 OF 7 SHEETS STA. 31+00.00 TO STA. 37+00.00

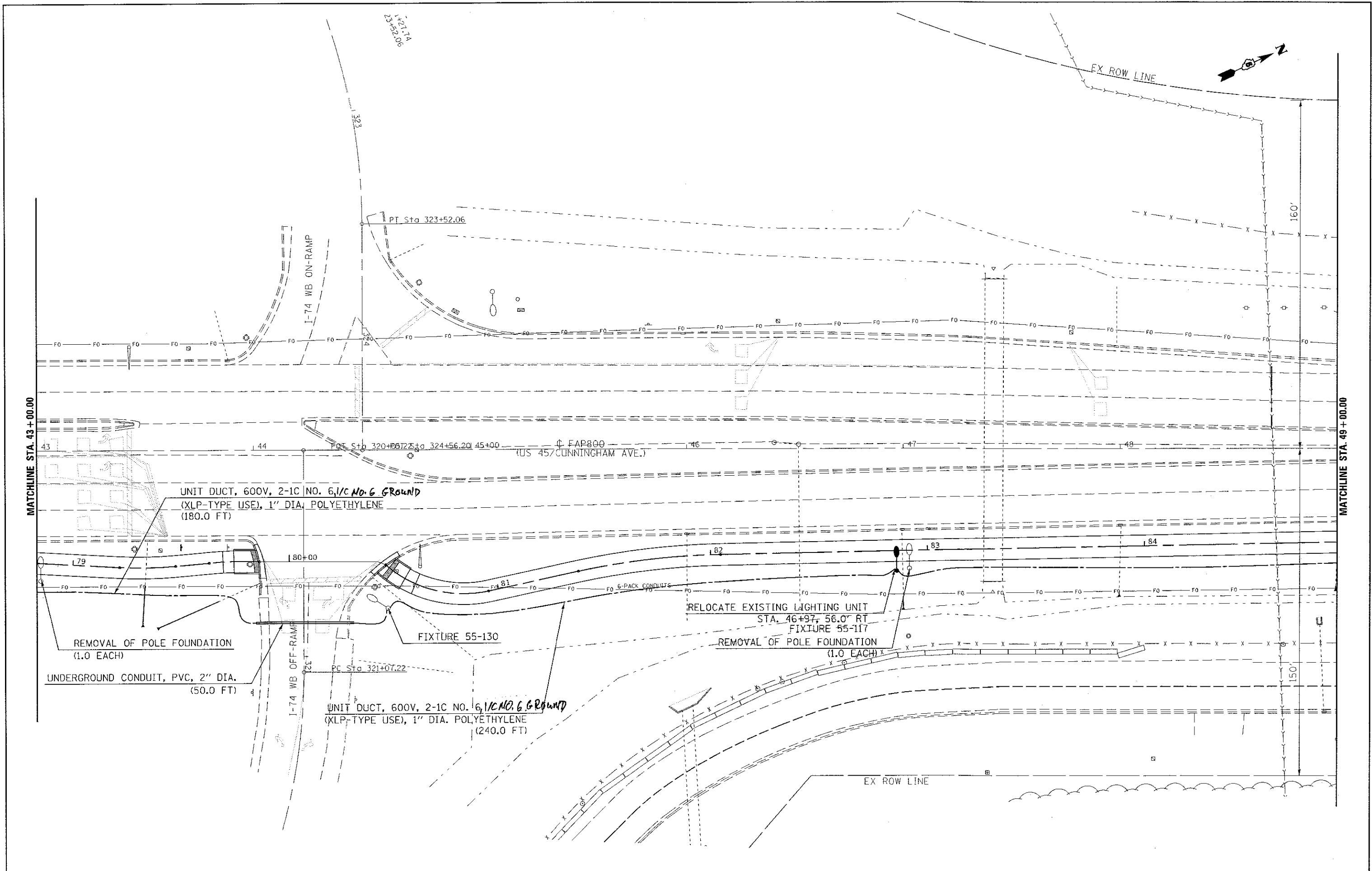
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2RS-3 & (28X-1RS-6	CHAMPAIGN	173	74
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	

REV



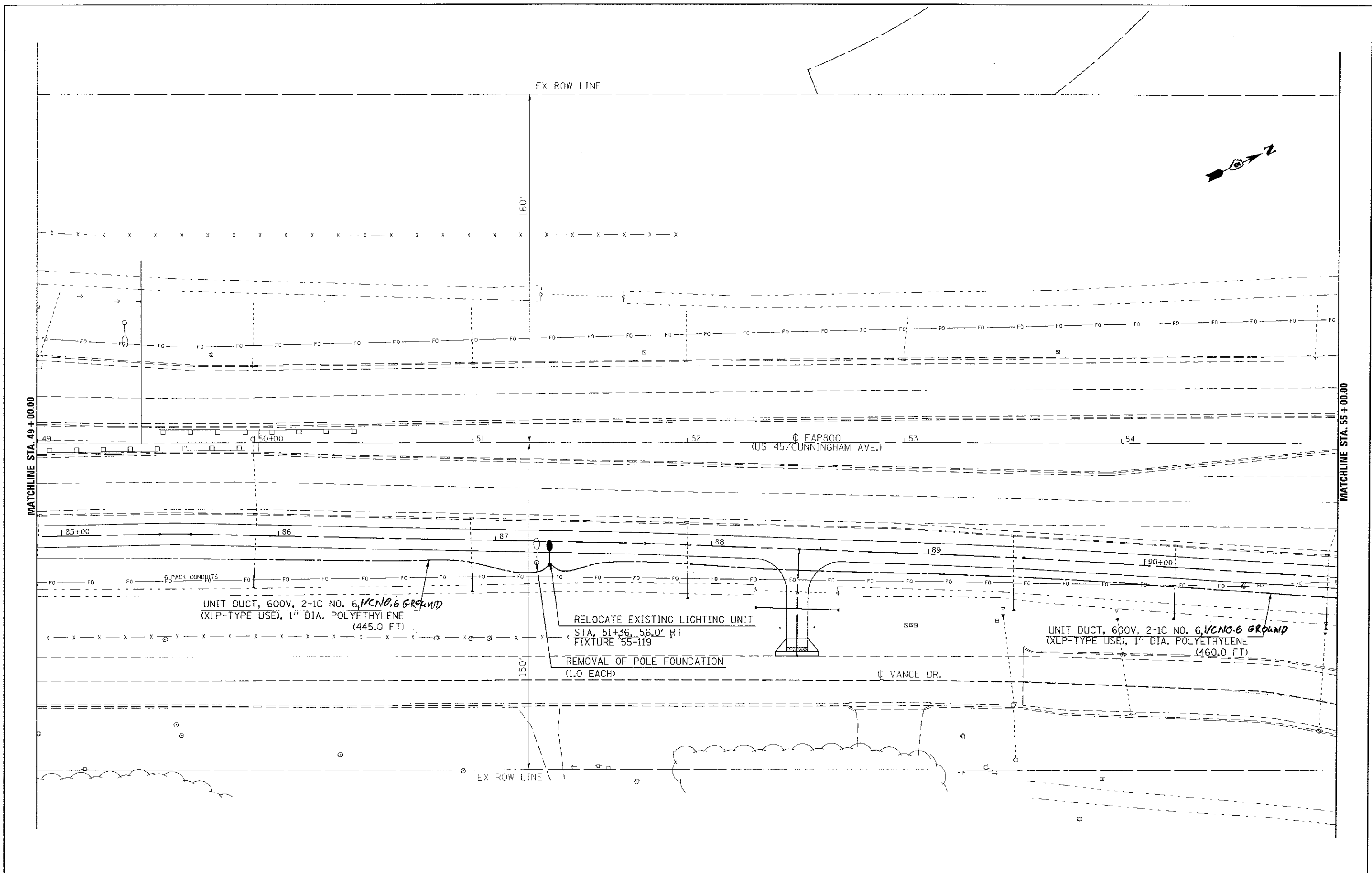
FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 / (CUNNINGHAM AVE) LIGHTING PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pk:\IL084E8IDR\REG\Illinois.gov\WIDOT\Documents\1007 Offices\District 5\Projects\057\DRW\Design\057210-shc-light.dgn	cearlockjd	DRAWN	REVISED			800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	75
PLOT SCALE = 48.0000 1/4 in.	CHECKED	REVISD	REVISD			CONTRACT NO. 70A10				
PLOT DATE = 12/14/2017	DATE	REVISD	REVISD			ILLINOIS FED. AID PROJECT				
#MODELNAME#				SCALE:	SHEET 4 OF 7 SHEETS	STA. 37+00.00	TO STA. 43+00.00			

REV



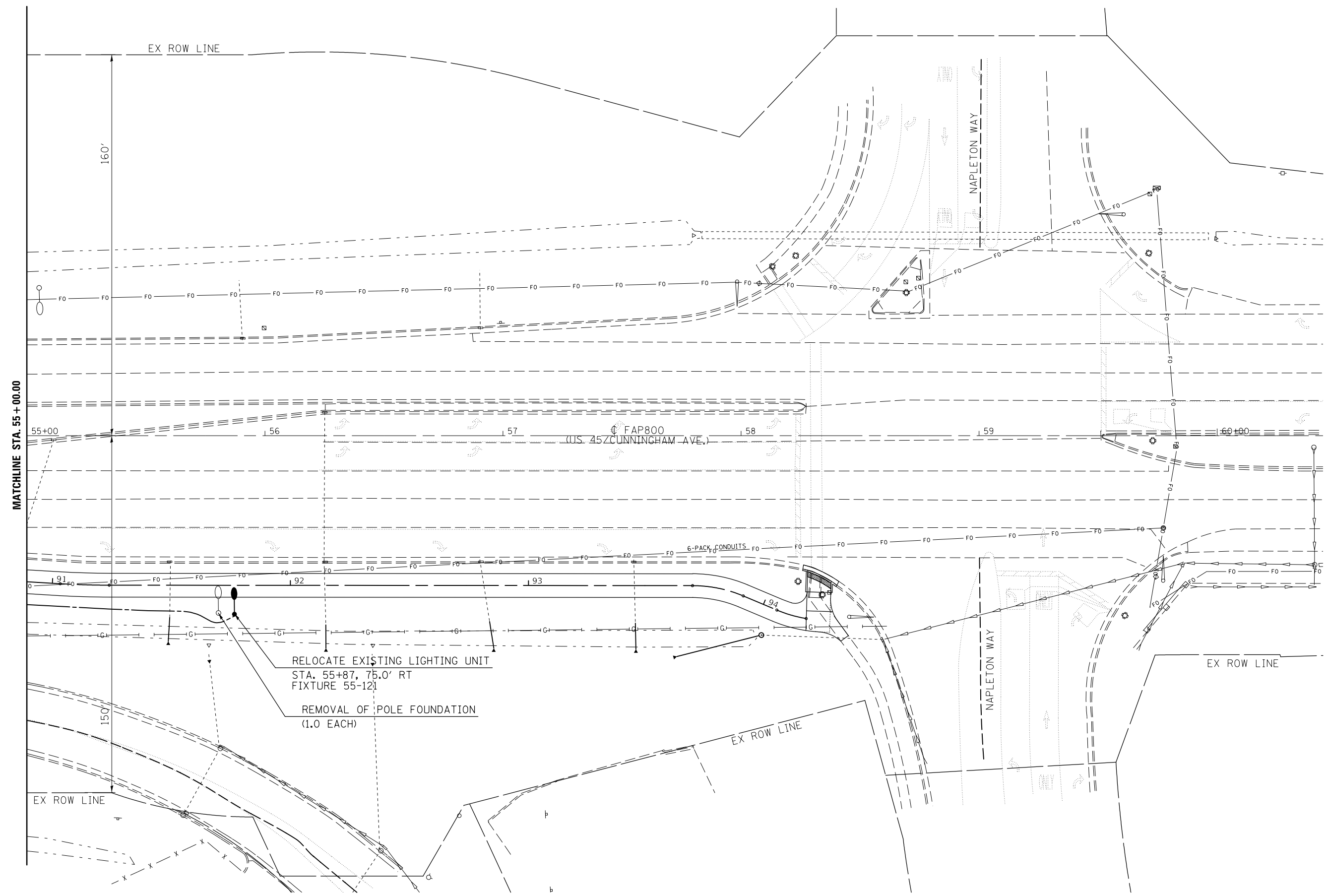
FILE NAME :	USER NAME : ceo-lockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 57 / (CUNNINGHAM AVE) LIGHTING PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
pk:\IL084EBID\INTEC\Illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\057\DRAWING\Design\0572410-sht-light.dgn		CHECKED -	REVISED -		SCALE:	SHEET 5	OF 7	SHEETS	STA. 43+00.00	TO STA. 49+00.00	800	(28X-2RS-3 & (28X-1RS-6	CHAMPAIGN	173	76
MODEL NAME :	PLOT DATE : 12/14/2017	DATE -	REVISED -		CONTRACT NO. 70A10										
											ILLINOIS FED. AID PROJECT				

REV



FILE NAME : p:\11084EBID\INTEG\Illinois.go-P\WIDOT\Documents\DOT Offices\District 5\Projects\0572\Drawings\Design\0578418-shr-light.dgn	USER NAME : cealockyd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 / (CUNNINGHAM AVE) LIGHTING PLAN SHEET		F.A.P. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE : 48.0000 / in.	CHECKED -	REVISED -				800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	77
#MODELNAME\$	PLOT DATE : 12/14/2017	DATE -	REVISED -	SCALE: SHEET 6 OF 7 SHEETS STA. 49+00.00 TO STA. 55+00.00		ILLINOIS FED. AID PROJECT		CONTRACT NO. 70A10			

REV



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579A10-sht-light.dgn		DRAWN -	REVISED -
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\$MODELNAME\$	PLOT DATE = 12/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 / (CUNNINGHAM AVE)
LIGHTING PLAN SHEET**

SCALE: SHEET 7 OF 7 SHEETS STA. 55+00.00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	78
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	

STRUCTURE 010-0046 WAS ORIGINALLY BUILT IN 1936 AS SECTION 28-X-8, CONTRACT N/A AT STATION 280+86.5 BY THE STATE OF ILLINOIS IN CHAMPAIGN COUNTY. THE STRUCTURE IS A SINGLE SPAN RIGID FRAME STRUCTURE. THE STRUCTURE HAS A BACK TO BACK ABUTMENT LENGTH OF 66'-0" AND IS SKEWED AT 20°-00' RIGHT FORWARD. THE OUT TO OUT WIDTH IS 55'-8" WITH TWO 5'-0" SIDEWALKS AND A ROADWAY WIDTH OF 44'-0". THE REINFORCED CONCRETE DECK HAS A MINIMUM THICKNESS OF 1'-6" AT CENTER SPAN AND A MAXIMUM THICKNESS OF 3'-0" AT THE ABUTMENTS. IN 1985 THE STRUCTURE WAS RECONSTRUCTED UNDER SECTION 28X-BY, CONTRACT 38295. THE SIDEWALKS AND PARAPETS WERE REMOVED. TO WIDEN BOTH SIDES OF THE STRUCTURE FOUR INTEGRAL ABUTMENTS WERE PLACED OUTSIDE THE RIGID FRAME STRUCTURE. THE BACK TO BACK OF ABUTMENT LENGTH IS 86'-9". ON BOTH SIDES OF THE STRUCTURE TWO W30 X 32 STEEL BEAMS WERE PLACED ON THE INTEGRAL ABUTMENTS SUPPORTING A 5'-0" SIDEWALK WITH CONCRETE PARAPET AND STEEL HAND RAIL. A WATERPROOFING MEMBRANE SYSTEM AND BITUMINOUS WEARING SURFACE WAS PLACED ON THE STRUCTURE.

WORK SHALL BE COMPLETED WITH STAGE CONSTRUCTION: STANDARD 701602.

GENERAL PLAN & ELEVATION

S.N. 010-0046

SCOPE OF WORK

1. REMOVAL OF THE EXISTING H.M.A. SURFACE FROM BRIDGE DECK.
2. DECK SLAB REPAIR (PARTIAL).
3. CURB REPAIR.
4. PLACE WATERPROOFING MEMBRANE SYSTEM.
5. PLACE PROPOSED 1/2" H.M.A. WEARING SURFACE.

TOTAL BILL OF MATERIALS

ITEM	UNITS	TOTAL
POLYMERIZED H.M.A. SURFACE COURSE, MIX "D" N90	TON	40.0
CONCRETE REMOVAL	CU YD	4.0
CONCRETE SUPERSTRUCTURE	CU YD	4.0
PROTECTIVE COAT	SQ YD	35.0
WATERPROOFING MEMBRANE SYSTEM	SQ YD	450.0
HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	450.0
DECK SLAB REPAIR (PARTIAL)	SQ YD	67.0
PREFORMED JOINT SEAL 1 3/4"	FOOT	214.0

* NEW CONCRETE AREAS ONLY.

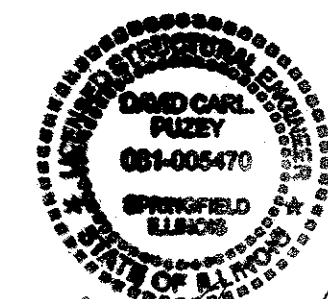
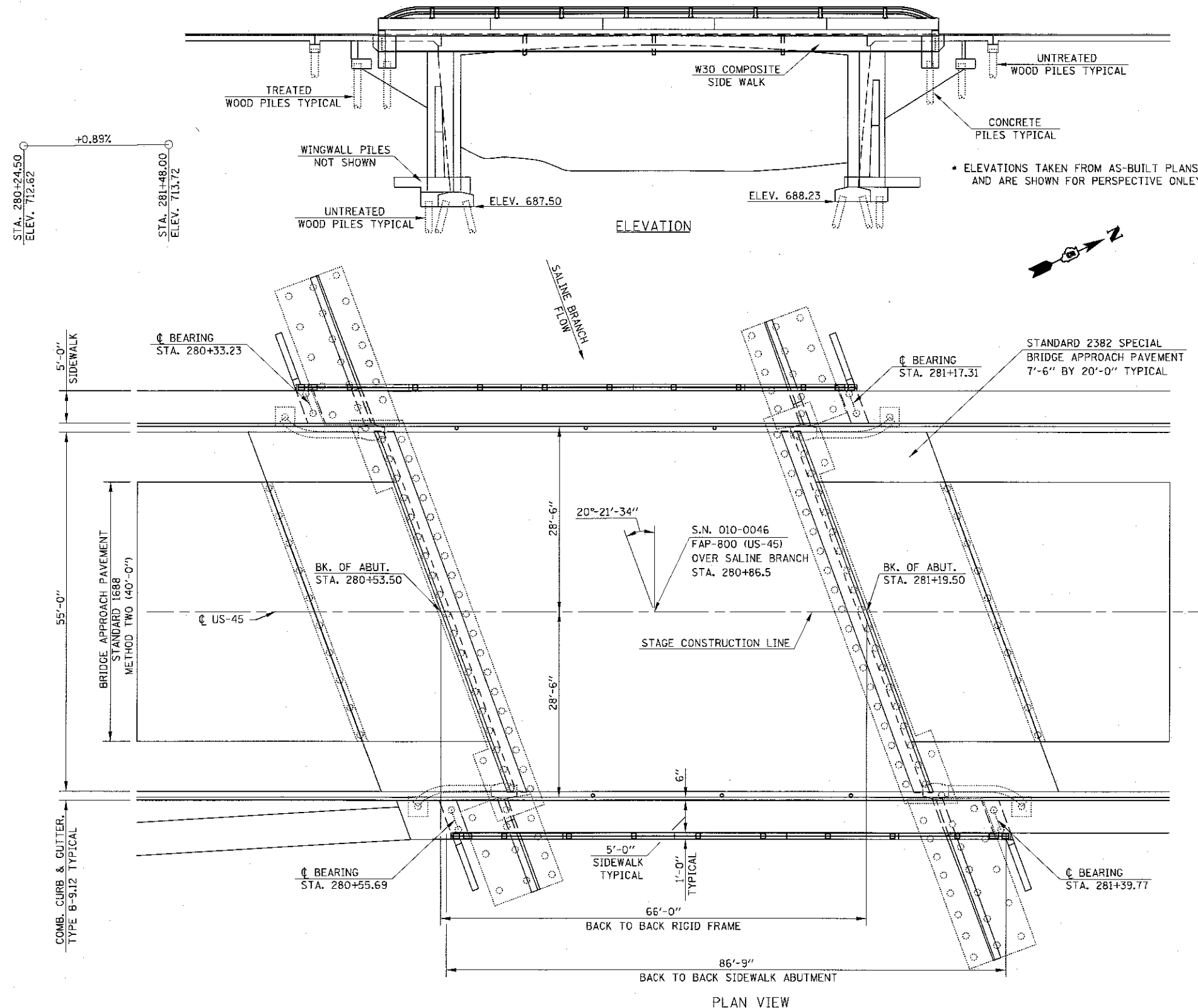
GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

SEE STANDARD 701602 "URBAN LANE CLOSURE, MULTI LANE, TWO WAY WITH BIDIRECTIONAL LEFT TURN LANE" FOR REQUIREMENTS PERTAINING TO TRAFFIC CONTROL.

SEE SPECIAL PROVISIONS "DECK SLAB REPAIR" FOR ADDITIONAL REQUIREMENTS PERTAINING TO DECK SLAB REPAIR AND H.M.A. SURFACE REMOVAL (DECK).

S.N. 010-0046 WAS DETERMINED, NOT TO INVOLVE ASBESTOS IN A BITUMINOUS BRIDGE DECK WEARING SURFACE OR WATERPROOFING MEMBRANE.

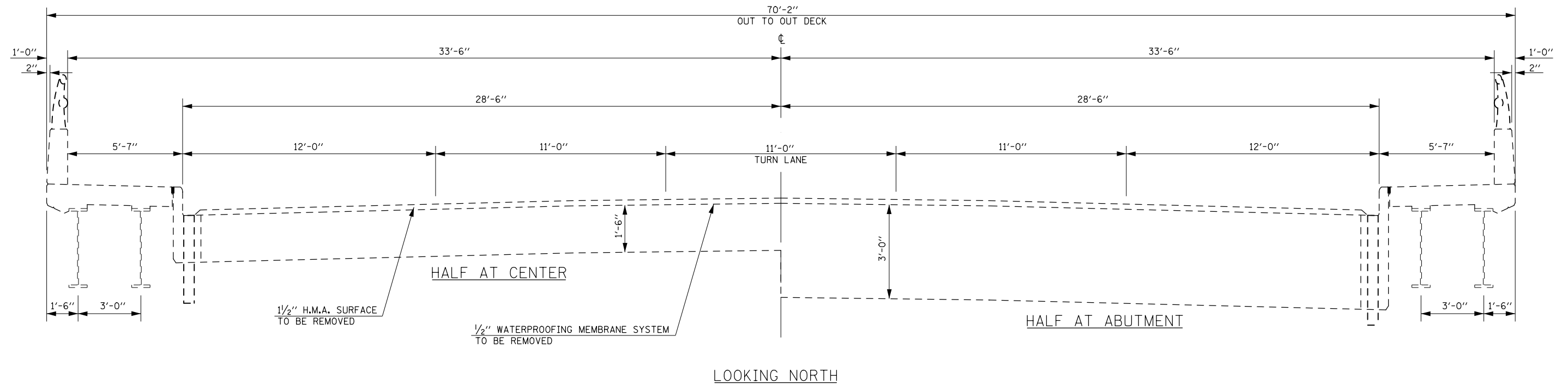


David Carl Puzey 1/22/18
Expires 1/30/18

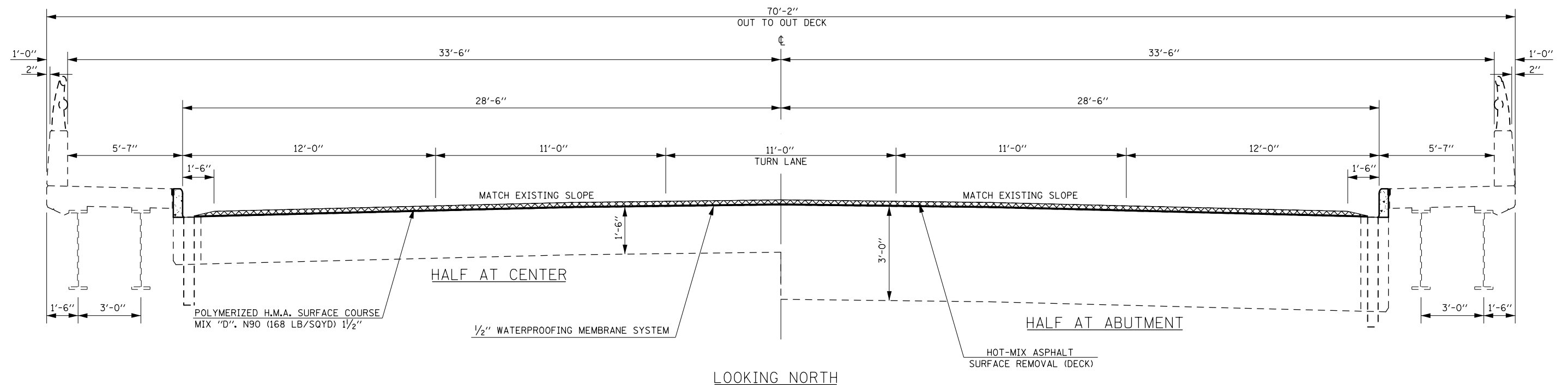
FILE NAME =	USER NAME = ceerlock.jd	DESIGNED - ESS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION S.N. 010-0046 OVER SALINE BRANCH	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLT SCALE = 1/800.0000	CHECKED - SFC	REVISED -	800			(28X-2)R5-3 & (28X-1)RS-6	CHAMPAIGN	173	79	
PLOT DATE = 12/14/2017	DATE - 8-8-2016	REVISED -	CONTRACT NO. 70A10							
						SCALE:	SHEET 1 OF 9 SHEETS		STA.	TO STA.

ILLINOIS FED. AID PROJECT

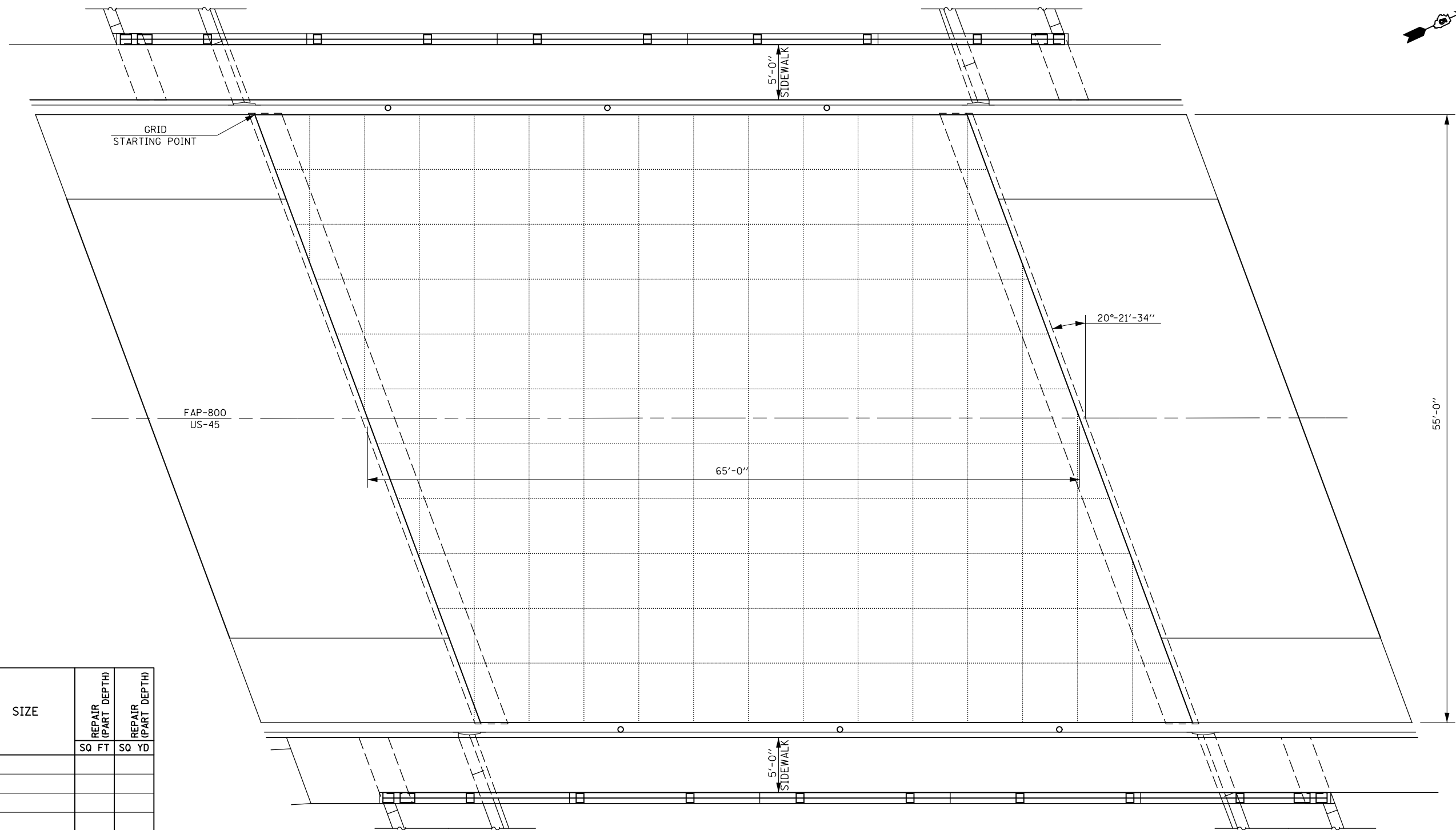
EXISTING DECK CROSS SECTION S.N. 010-0046



PROPOSED DECK CROSS SECTION S.N. 010-0046



FILE NAME =	USER NAME = ceerlockjd	DESIGNED - ESS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DECK CROSS SECTIONS S.N. 010-0046	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0574\Drawings\Design\SS\010.Bridge.Sheets						800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	80	
DRAWN -						SCALE:		SHEET 2 OF 9 SHEETS		STA. TO STA.	
PLOT SCALE = 40.0000' / in.						ILLINOIS FED. AID PROJECT		CONTRACT NO. 70A10			
MODELNAME				DATE - 8-9-2016		REVISED -					



PATCH NO.	SIZE	REPAIR (PART DEPTH)	REPAIR (PART DEPTH)
		SQ FT	SQ YD

NOTES
 DECK SLAB REPAIR OF 15 PERCENT WAS ESTIMATED.
 THE ENGINEER SHALL SHOW ACTUAL LOCATIONS
 OF DECK REPAIR ON AS-BUILT PLANS. GRID LINES
 ARE SHOWN AT FIVE FOOT INTERVALS.

BILL OF MATERIALS

ITEM	UNIT	TOTAL
DECK SLAB REPAIR (PARTIAL)	SQ YD	67.0

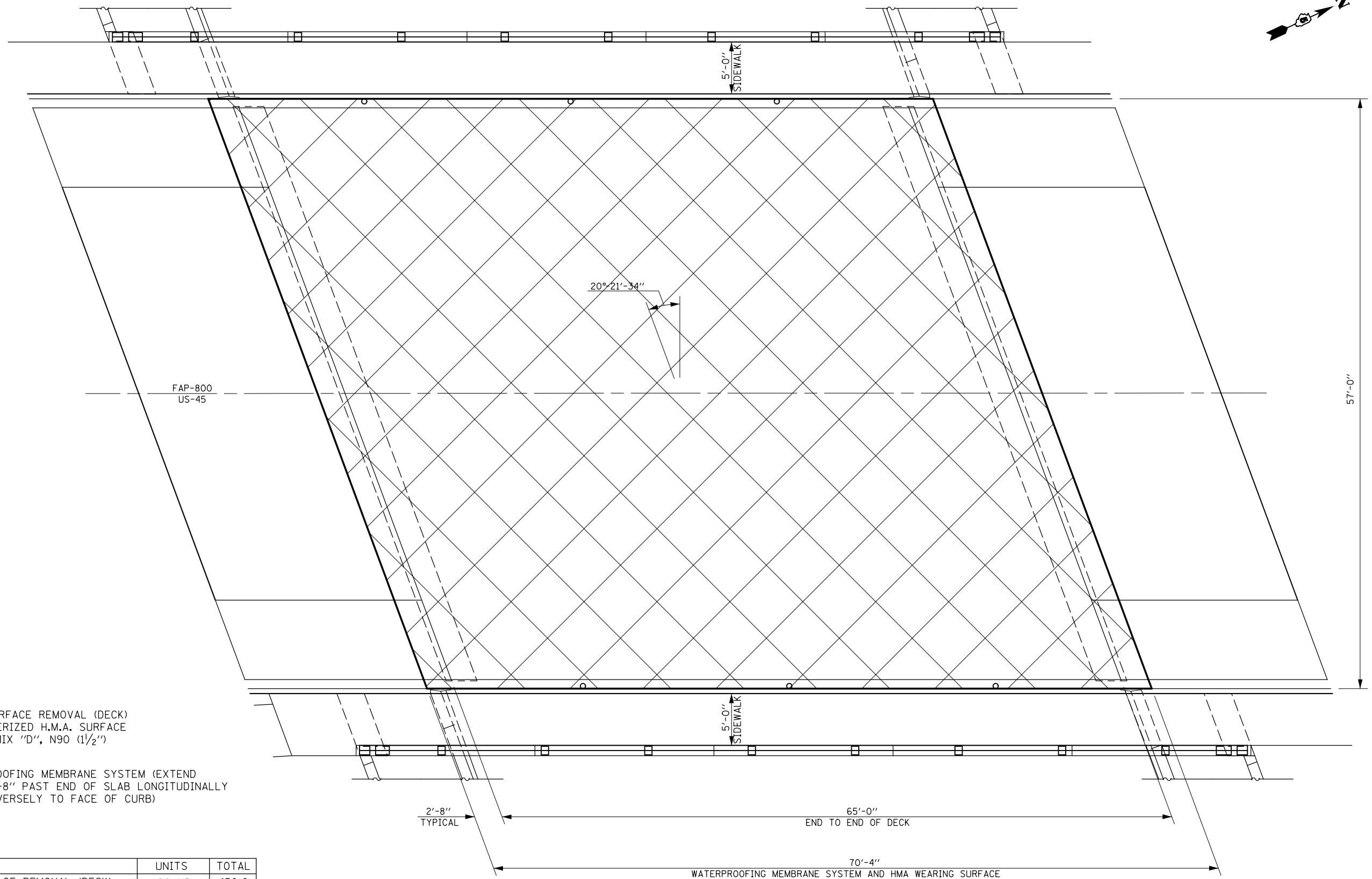
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MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2017	DATE - 8-9-2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DECK PATCHING DETAIL
 S.N. 010-0046**

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	81
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70A10	



- H.M.A. SURFACE REMOVAL (DECK) & POLYMERIZED H.M.A. SURFACE COURSE MIX "D", N90 (1 1/2")
- WATERPROOFING MEMBRANE SYSTEM (EXTEND W.M.S. 2'-8" PAST END OF SLAB LONGITUDINALLY & TRANSVERSELY TO FACE OF CURB)

BILL OF MATERIALS

ITEM	UNITS	TOTAL
HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	450.0
WATERPROOFING MEMBRANE SYSTEM	SQ YD	450.0
POLYMERIZED H.M.A. SURFACE COURSE, MIX "D", N90	TON	40.0

PAVER ELECTRONIC GRADE CONTROL SHALL BE OPERATED FROM PRESET GRADE CONTROL STRINGLINE. SEE ARTICLE 406.06(e)

FILE NAME =	USER NAME = ceerlockjd	DESIGNED - ESS	REVISED -
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2017	DATE - 8-9-2016	REVISED -

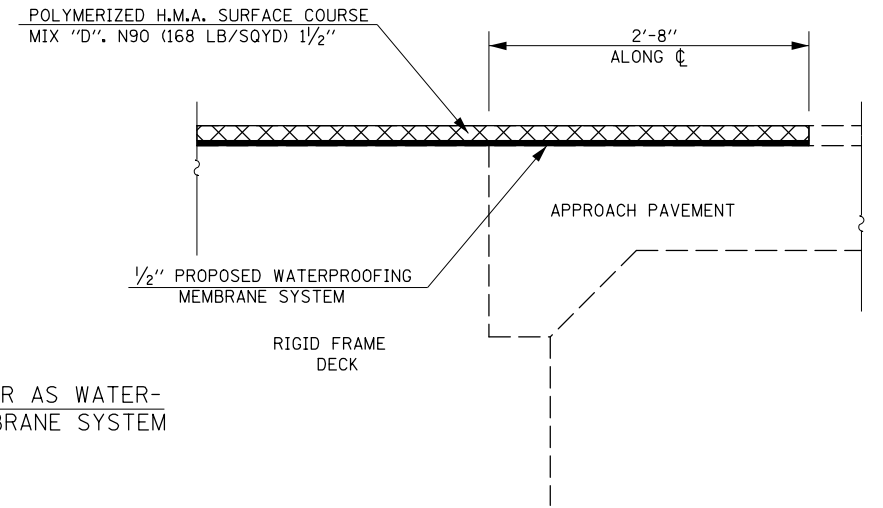
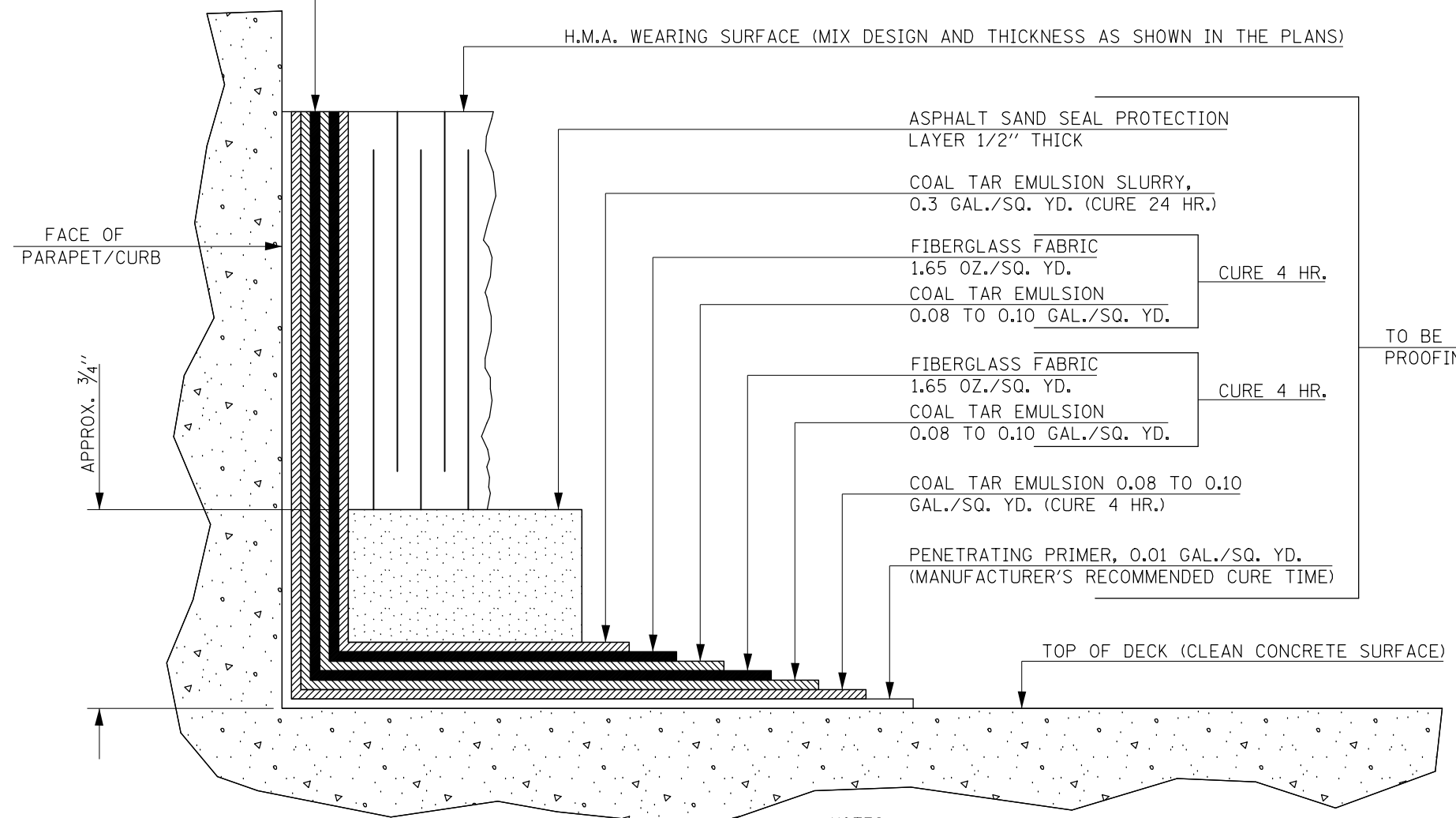
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BRIDGE DECK WEARING SURFACE PLAN
S.N. 010-0046

SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

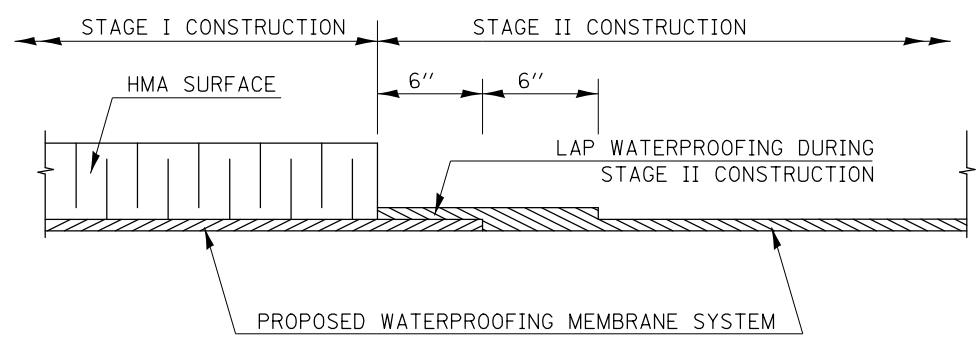
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	82
			CONTRACT NO. 70A10	
ILLINOIS FED. AID PROJECT				

EXTEND WATERPROOFING MEMBRANE SYSTEM TO TOP OF H.M.A. SURFACE, UNLESS OTHERWISE NOTED.

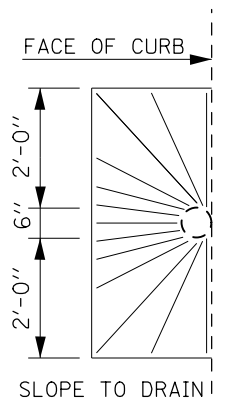


SECTION AT ABUTMENT
(VIEW OF WATERPROOFING MEMBRANE AT JOINT)

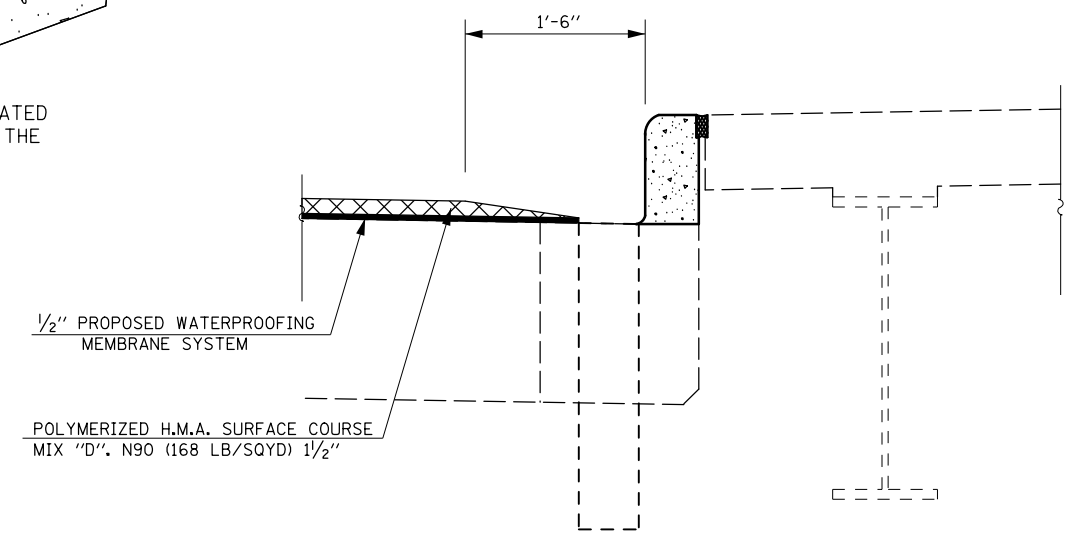
NOTES
THIS DETAIL HAS BEEN INCLUDED TO ILLUSTRATE THE ASSOCIATED LAYERS AND CURE TIMES NECESSARY FOR THE PLACEMENT OF THE WATERPROOFING MEMBRANE SYSTEM. THIS DETAIL SHALL SUPPLEMENT, NOT SUPERSEDE, SECTION 581 OF THE STANDARD SPECIFICATIONS.



WATERPROOFING TREATMENT
AT STAGE CONSTRUCTION

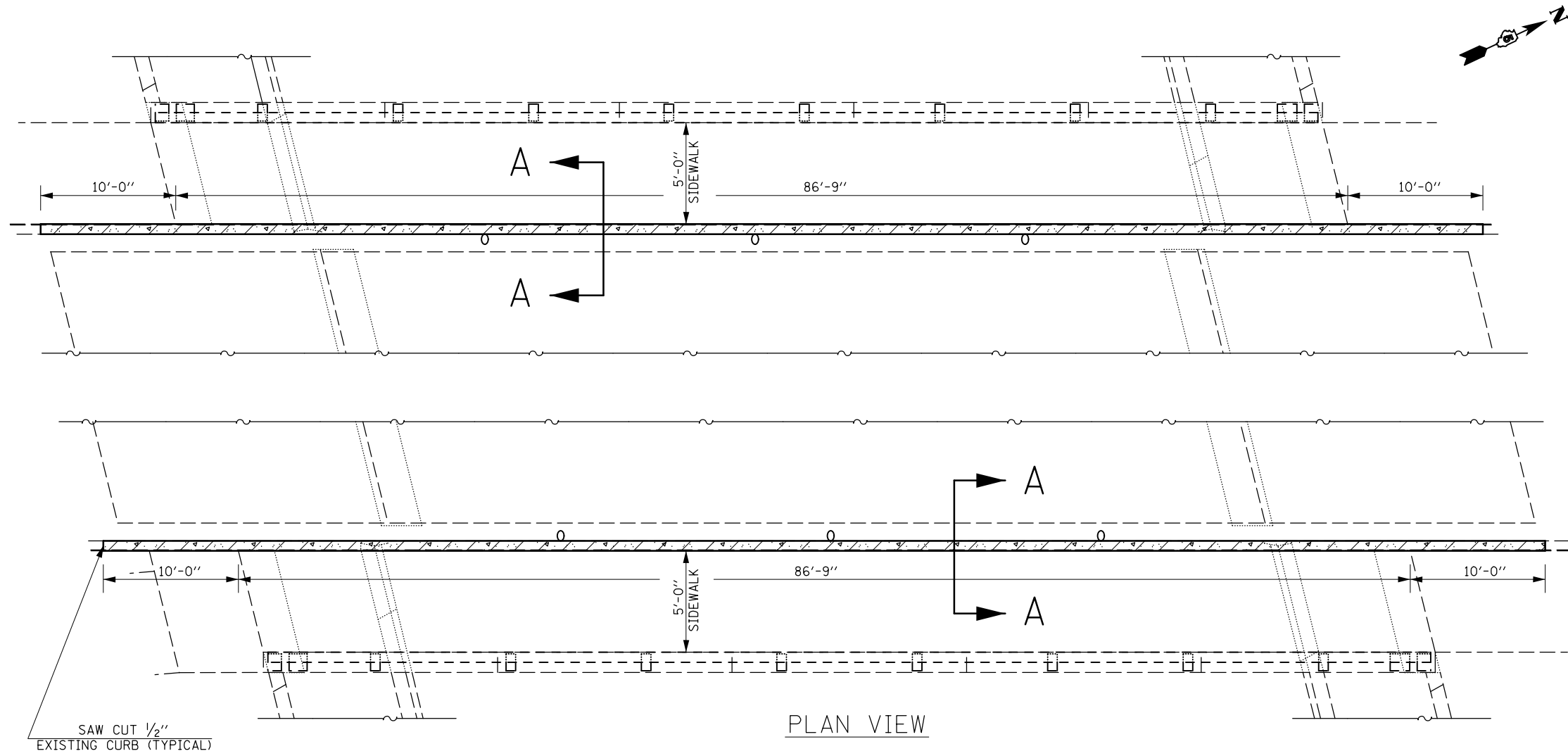


PLAN VIEW
AT CURB DRAIN

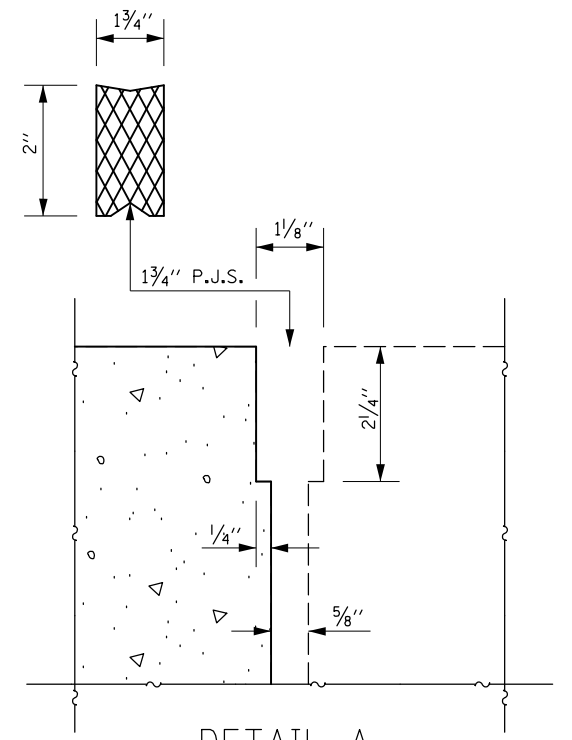


SECTION AT CURB DRAIN
(VIEW OF RESURFACING AT DRAIN)

FILE NAME =	USER NAME = ceerlockjd	DESIGNED - ESS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE DECK WEARING SURFACE DETAILS S.N. 010-0046		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\ESS\010.Bridge.Sheets\REVISED -	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED -				800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	83
\$MODELNAME\$	PLOT DATE = 12/14/2017	DATE - 8-15-2016	REVISED -		SCALE:	SHEET 5 OF 9 SHEETS	STA.	TO STA.	CONTRACT NO. 70A10	ILLINOIS FED. AID PROJECT	



PLAN VIEW



DETAIL A
PREFORMED JOINT SEAL (1 3/4")

- CONCRETE SUPERSTRUCTURE
- CONCRETE REMOVAL

NOTES

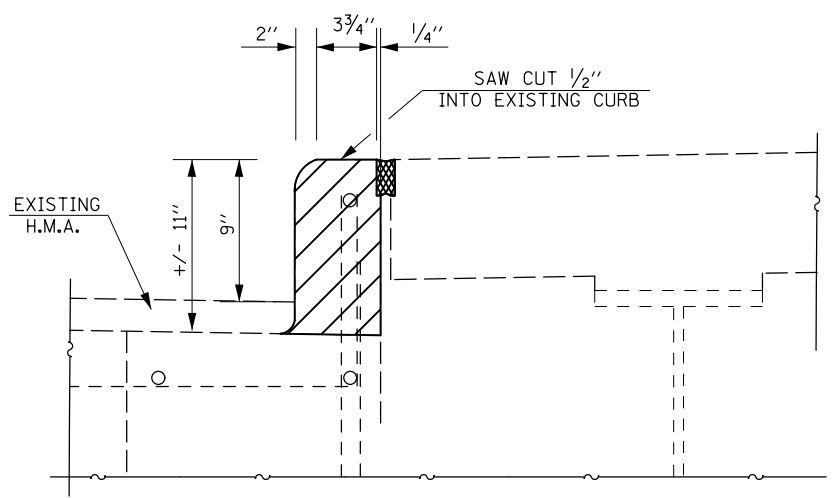
EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

THE EXISTING EXPANSION JOINT SYSTEM SHALL BE REMOVED COMPLETELY, AS WELL AS ANY FOREIGN MATERIAL THAT HAS ACCUMULATED OR BEEN PLACED IN THE JOINT OPENINGS. THE COST FOR THIS WORK IS INCLUDED IN CONCRETE REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

BILL OF MATERIALS

ITEM	UNIT	TOTAL
CONCRETE REMOVAL	CU YD	4.0
CONCRETE SUPERSTRUCTURE	CU YD	4.0
PROTECTIVE COAT	SQ YD	35.0
PREFORMED JOINT SEAL 1 3/4"	FOOT	214.0

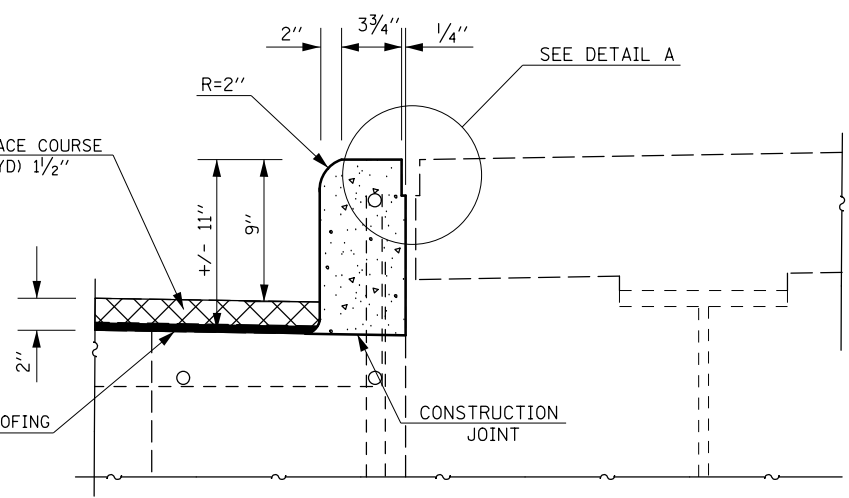
SAW CUT 1/2" EXISTING CURB (TYPICAL)



SECTION A (Existing)
CONCRETE REMOVAL

POLYMERIZED H.M.A. SURFACE COURSE MIX "D", N90 (168 LB/SQYD) 1 1/2"

1/2" PROPOSED WATERPROOFING MEMBRANE SYSTEM



SECTION A (Proposed)
CONCRETE SUPERSTRUCTURE

AS-BUILT PLANS FOR INFORMATION ONLY

Revised Plans: UIC 165 D-173 Elev. 719.04, 27' R.R. Sta. 281+04
on North end of E 5th Abutment
Existing Structures: S.M.O.D-0096 2.00' at S&I Sta. 25' Sec. 281+16, Champaign Co. in
12% Rise Trunk Trench (12' x 4' x 4' at 10' to 44' vertical R.M.D. 5' x 5' x 5' water
table. Sidewalk & rails to be retained. Two new steel truss pedestrian bridge
ways - RT to the existing structure to be constructed. No Salvage.
Stage construction shall be used in any construction.

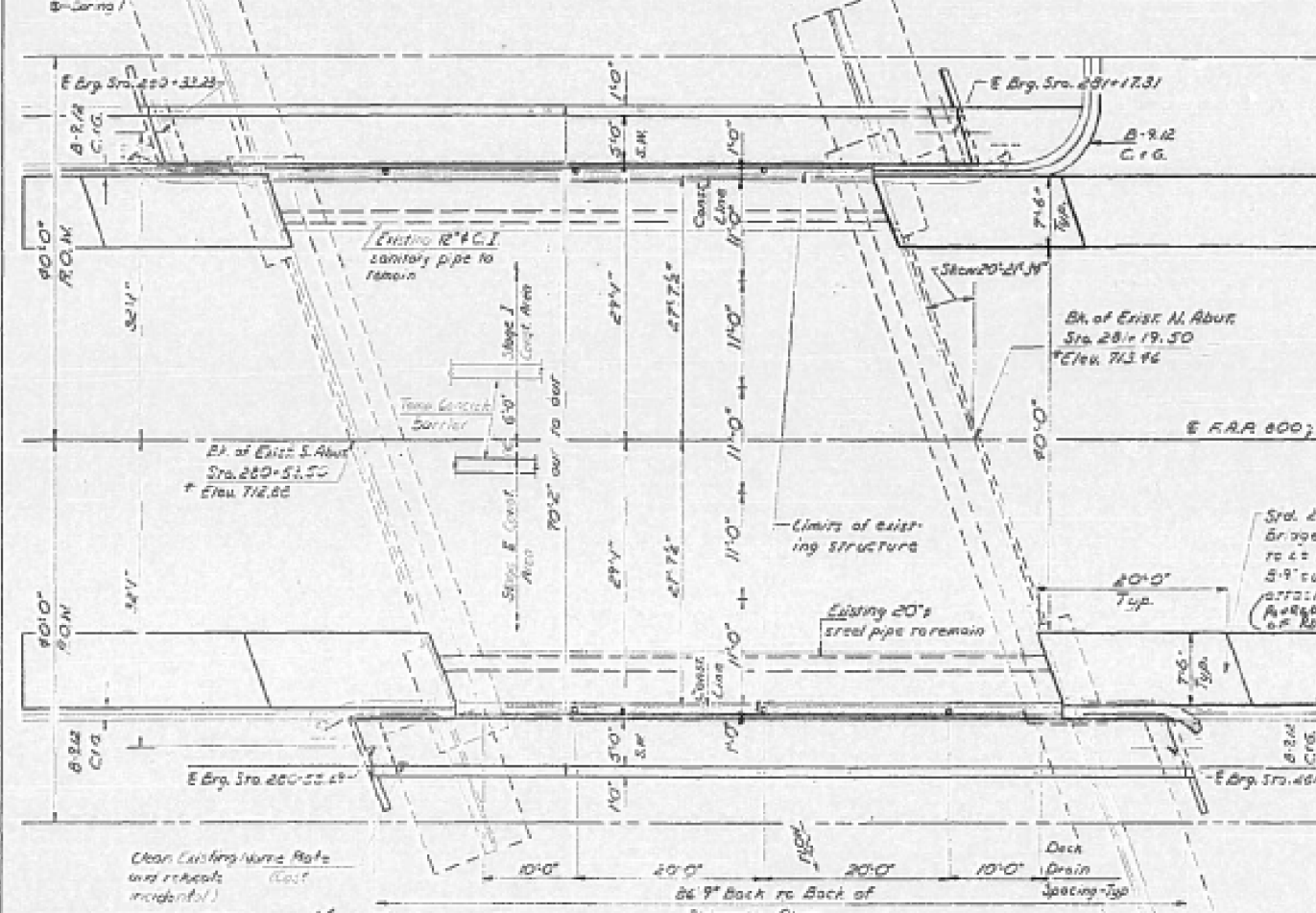
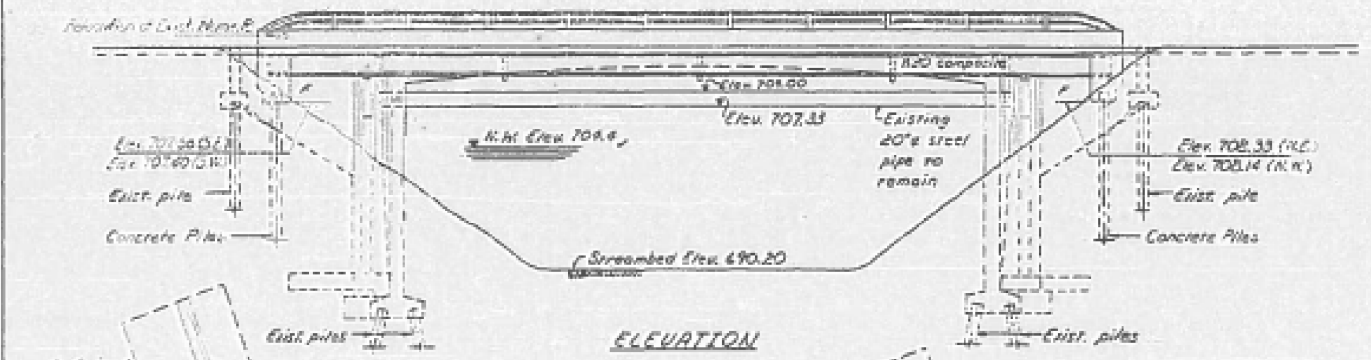
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1	43	10 SHEETS
-------------	----	-----------

GENERAL NOTES

Use Allowance for Bridge Deck
Reinforcing shall be main strength walls. Bars 3/4" open holes 3/8" dia.
Unstayed weight of structural steel = 45,240# (AASHTO M-223)
and 970# (AASHTO M-183).
The zinc-silicate and vinyl paint system shall be used for shop and field
priming of structural steel except where otherwise noted.
Field welding of co-structures accessories will not be permitted to the
pattern flange of the beams. Field welding in other areas will be permitted
only when approved by the Engineer.
The main load carrying members subject to tensile
stress shall conform to the Supplemental Requirements for Hot-
Toughness Zone C. These components are the wide flange beams.
Reinforcement bars shall conform to the requirements of AASHTO
M-31 or M-53 Grade 60.
All dimensions and details relative to existing structure have
been taken from existing plans and are subject to nominal
construction variations. It shall be the Contractor's responsibility
to verify such dimensions and details in the field and make necessary
approved adjustments prior to construction or ordering of materials.
Such variations shall not be cause for additional compensation for a
change in the scope of the work, however, the Contractor will be
paid for the quality actually furnished at the unit price bid for
the work.
Protective Coat shall not be applied to surfaces to which
Waterproofing Membrane System is applied.
The contractor shall drive one concrete test pile in a permanent
location at South East Abutment as directed by the Engineer
before ordering the remainder of piles.
The gas main, water main and electrical conduit shall be relocated
by the respective owners.

NOTE: EXISTING BRIDGE DECK WAS REPAIRED
ON FACE ACCOUNT BY PARTIAL DEPTH PATCHING
PRIOR TO WATERPROOFING.

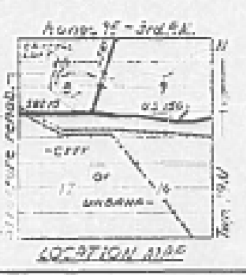


DESIGN STRESSES
 $f_c = 3500$ p.s.i.
 $f_y = 60,000$ p.s.i. (Main)
 $f_y = 50,000$ p.s.i. (AASHTO
M223, Grade 50)
(Structural steel)
 $f_y = 36,000$ p.s.i. (AASHTO
M183) (Structural steel)

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Autogeneous Concrete Surface (Grade, Class I)	Ton	37		37
Concrete Reinforcement	Cu Yd.	37		37
Structure Excavation	Cu Yd.		23	23
Protective Coat	Sq Yd	160		160
Class X Concrete	Cu Yd.	62.7	10.8	73.5
Structural Steel	Welded	1		1
Stud Shear Connectors	Each	624		624
Aluminum Nails, Type L	Lin Ft.	170		170
Reinforcement Bars	Pound	610	1120	1730
Reinforcement Bars (Epoxy Coated)	Pound	991		991
Concrete Piles	Lin. Ft.		230	230
Test Pile Concrete	Each		1	1
Temporary Concrete Barrier	Lin Ft.	66		66
Preformed Joint Seal 1 1/2"	Lin Ft.	72		72
Waterproofing Membrane System	Sq. Yd.	62.5		62.5
Autogeneous Concrete Surface Removal	Sq. Yd.	37.5		37.5

Removal of bottom 1/2" of existing bituminous surface.



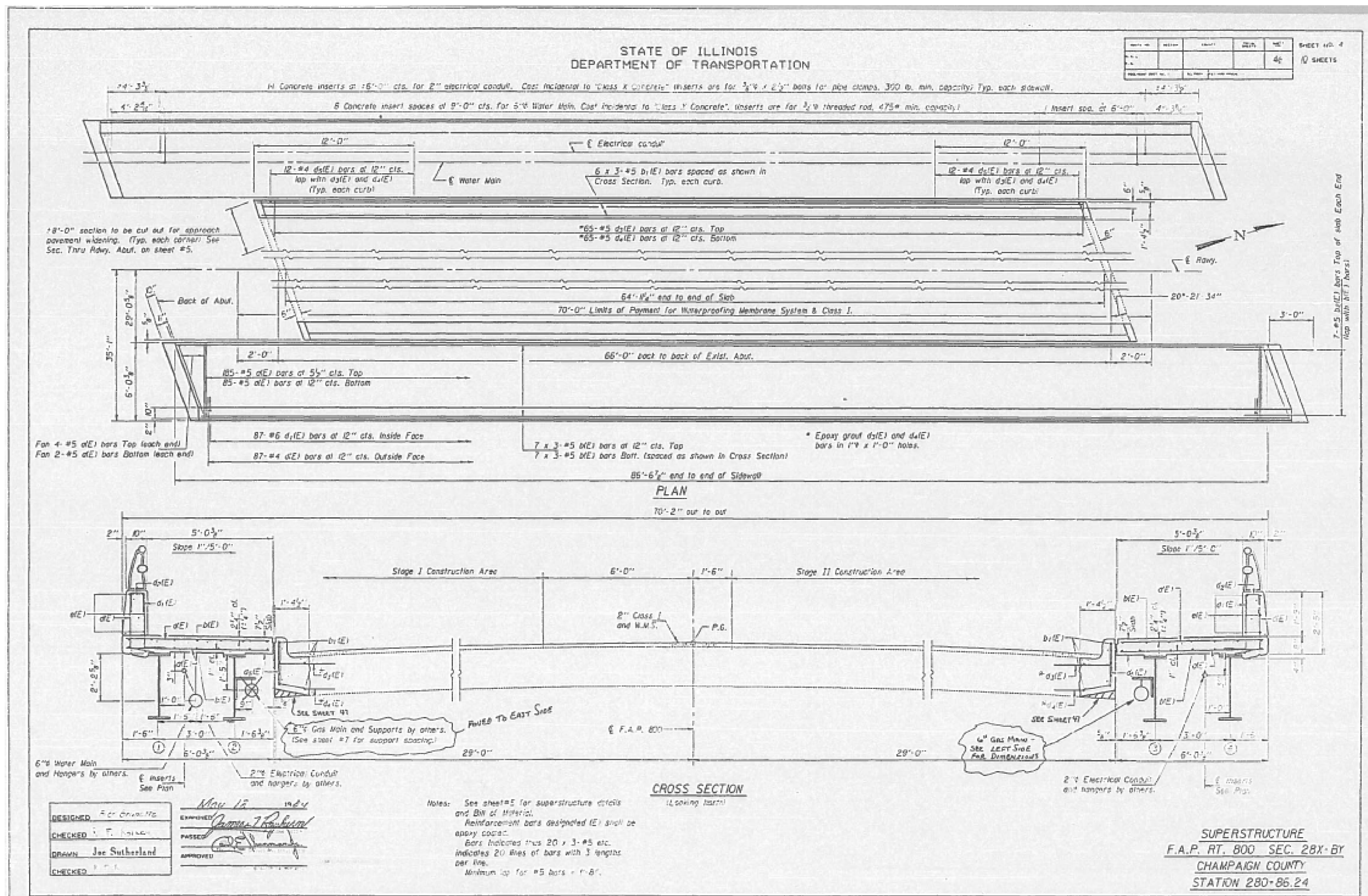
GENERAL PLAN
U.S. ROUTE 45 OVER SALINE BRANCH
R.R. ROUTE 200 - SECTION 281+01
CHAMPAIGN COUNTY
STA. 280+86.25

DESIGNED: [Signature]
 CHECKED: [Signature]
 DRAWN: [Signature]
 CHECKED: [Signature]

EXAMINED: [Signature]
 PASSED: [Signature]
 APPROVED: [Signature]

MAY 15, 1988

AS-BUILT PLANS FOR INFORMATION ONLY



FILE NAME :	USER NAME : ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	AS-BUILT PLANS FOR INFORMATION ONLY	F.A.P. RT. 800	SECTION (28X-2RS-3 & (28X-1)RS-6)	COUNTY CHAMPAIGN	TOTAL SHEETS 173	SHEET NO. 86
MODELNAME:	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	SCALE:	SHEET 8 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 12/14/2017	DATE -	REVISED -				CONTRACT NO. 70A10			

AS-BUILT PLANS FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

86'-6 7/8" End to End of Parapet
7 Roll Post Spacing at 18'-0" = 126'-0"

DETAIL "A"
PREFORMED JOINT SEAL (1 3/4")

INSIDE ELEVATION OF PARAPET

BAR d1(E)
BAR d1(E)
BAR d2(E)

SEC. A-A
(Dimensions at Right Angles)

ELEVATION OF DIAPHRAGM
See Section A-A for reinforcement placement.

BAR d3(E)
BAR d4(E)
BAR s1

SEC. THRU PARAPET AND SIDEWALK

SEC. THRU DIAPHRAGM
See Cross Section on sheet #4 for offsets from beams.

SEC. THRU RDWY. ABUTS.
(Showing new approach 56.7')

BILL OF MATERIAL

Bar No.	Size	Length	Shape
d1(E)	#4	564	5'-6"
d2(E)	#4	32	4'-7"
d3(E)	#5	84	2'-0"
d4(E)	#5	36	2'-2"
d5(E)	#5	28	6'-0"
d6(E)	#4	174	2'-0"
d7(E)	#4	174	2'-0"
d8(E)	#4	32	2'-0"
d9(E)	#5	130	3'-3"
d10(E)	#5	130	4'-0"
d11(E)	#4	48	2'-2"
v2	#4	60	17'-0"
s1	#4	32	4'-7"
s2	#5	84	3'-3"
Reinforcement Bars	Pounds	60	
Reinforcement Bars	Pounds	990	
Class X Concrete	Cu. Yd.	65.7	

Reinforcement: bars designated (E) shall be epoxy coated.
See sheet #6 for Parapet Joint Detail.

VIEW B-B

FIBERGLASS PIPE

ALUMINUM TUBE

TOP PLAN
(Showing Aluminum Tube)

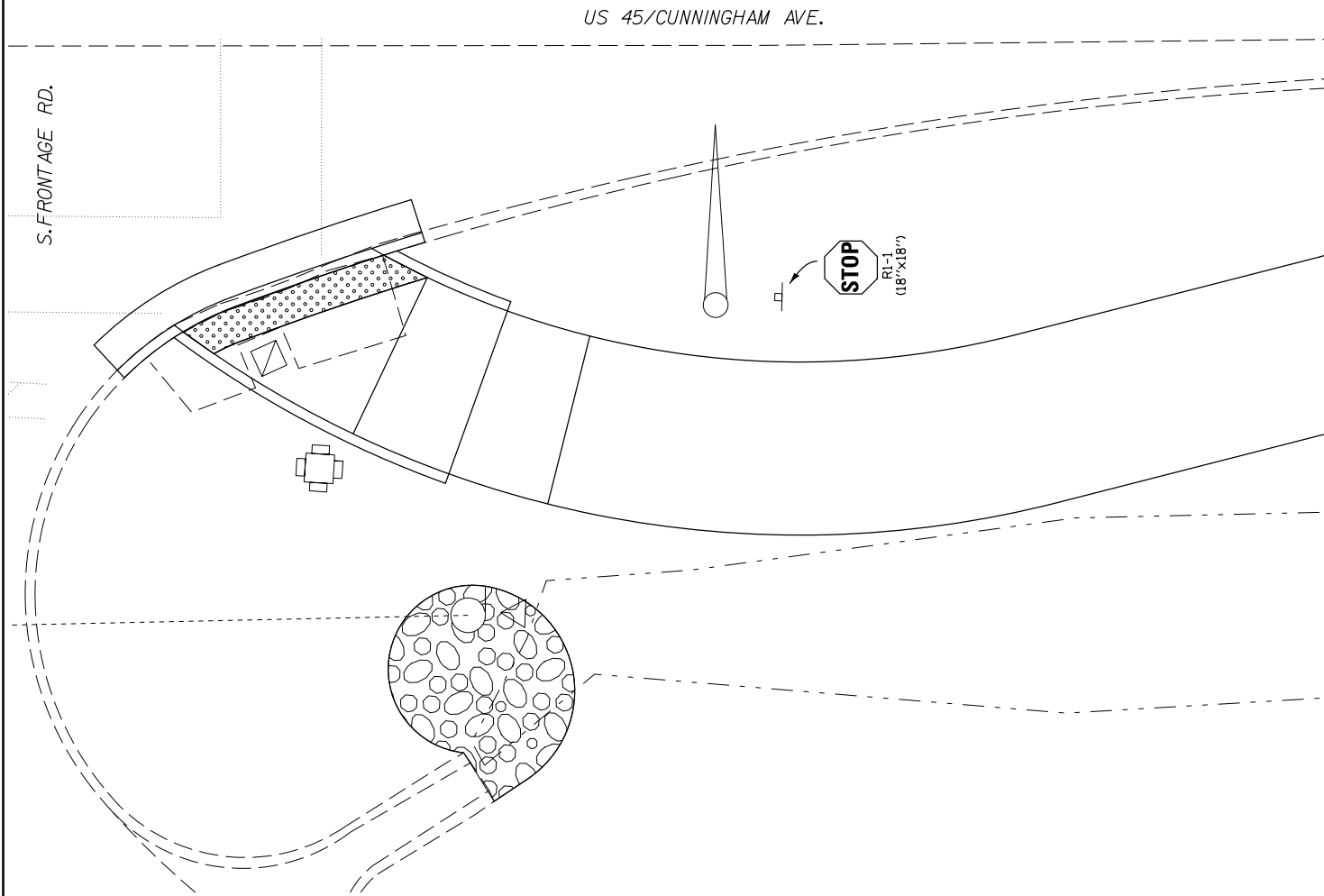
DESIGNED Joe Sutherland
CHECKED R. F. K.
DRAWN Joe Sutherland
DATE 12-1-83

DESIGN APPROVAL
DESIGN GAVE APPROVAL TO FLAT SLAB AND REMOVAL OF CURB BOTTOM OF CURB EXPOSED TO CONCRETE.

NOTES:
The exterior surface of the Floor Drain shall be painted with the epoxy paint specified for Structural Steel. The exterior surface of the Aluminum tube shall be cleaned and given a waxed oil pretreatment in accordance with Steel Structures Painting Council's Spec. SSPC-SP-11 and SSPC-Paint 27 prior to painting.
Fiberglass pipe shall conform to ASTM D2996, with short-tow texture strength having tensile stress of 30,000 p.s.i. minimum. The surface of the Fiberglass pipe shall be free of sand inhibiting agents.

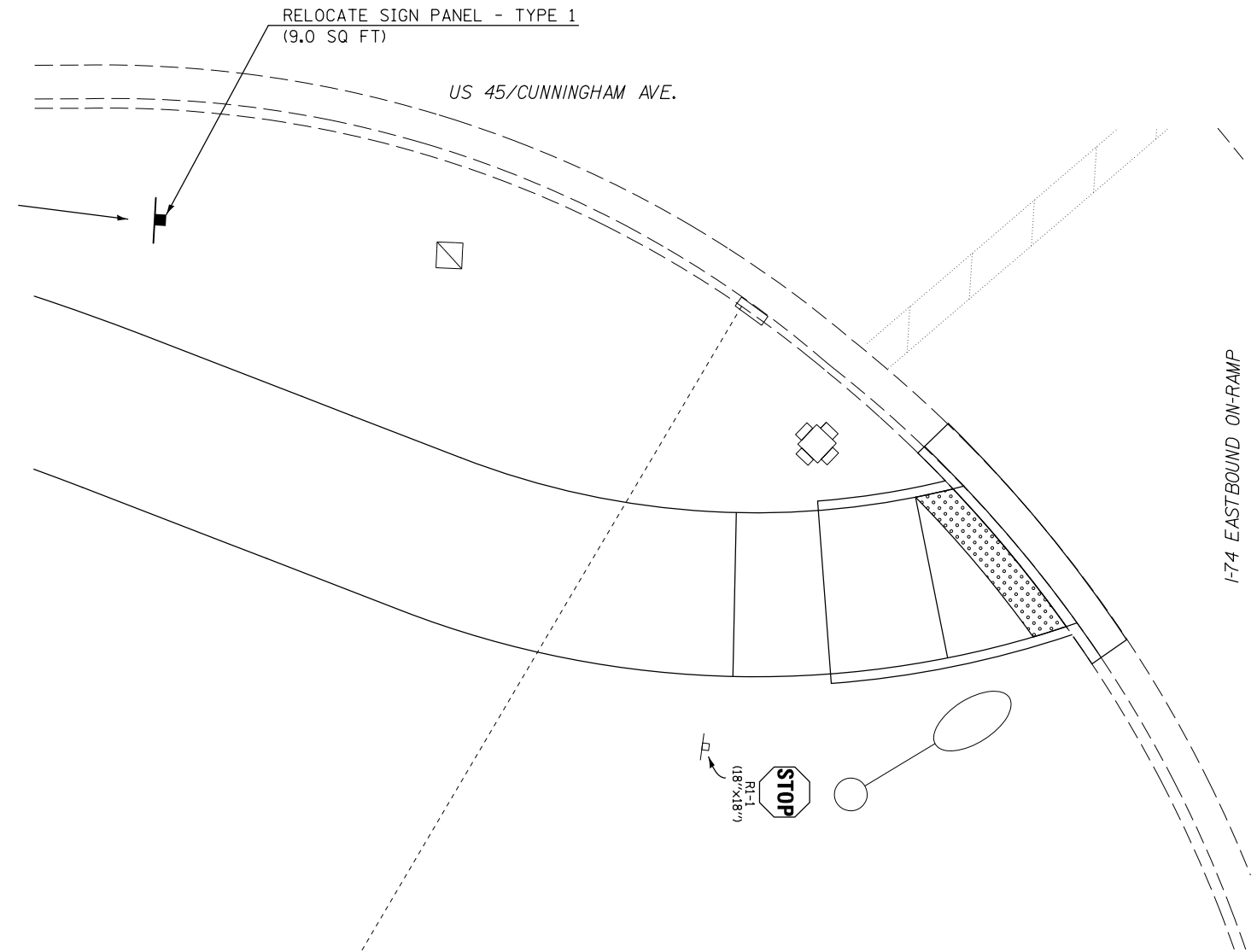
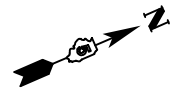
LOCATION #27

NE QUADRANT U.S. 45 AND S. FRONTAGE RD.



LOCATION #28

S. CROSSING OF I-74 EASTBOUND ON-RAMP



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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MODELNAME	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

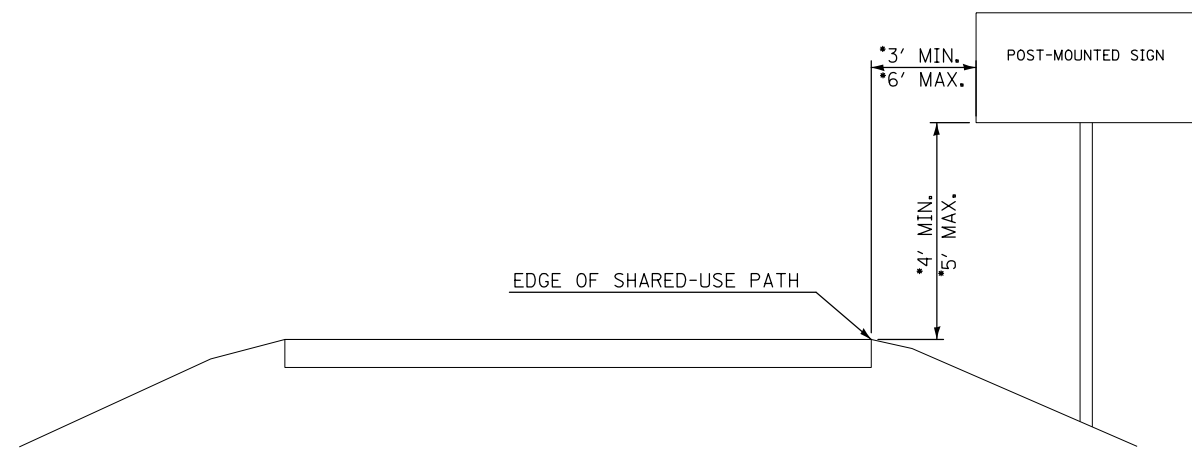
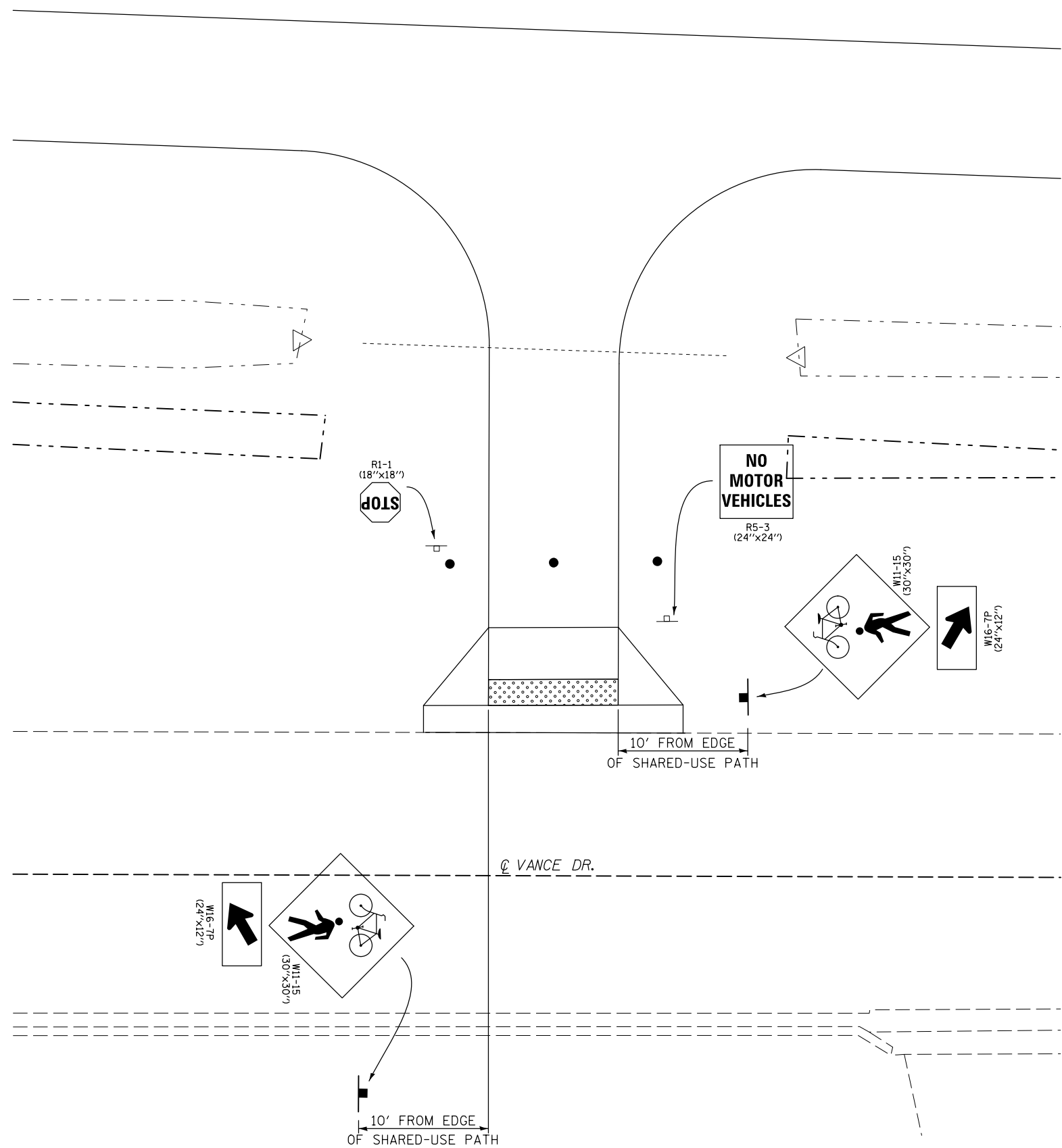
U.S. 45 / CUNNINGHAM AVE.	
SHARED-USE PATH SIGN PLAN SHEET	
SCALE:	SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	88
CONTRACT NO. 70A10				
ILLINOIS FED. AID PROJECT				

LOCATION #33

SPUR TO VANCE DR.

US 45/CUNNINGHAM AVE.

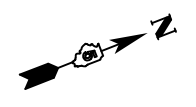


SHARED-USE PATH SIGN PLACEMENT DETAIL

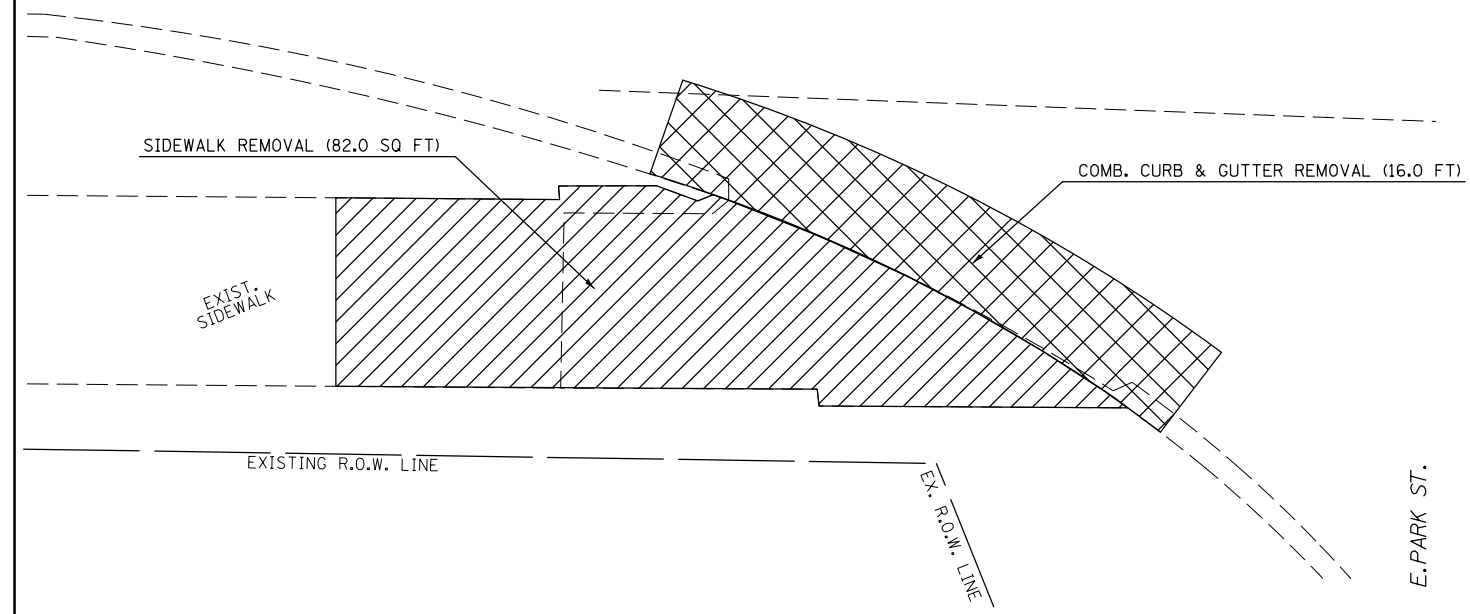
*APPLIES TO SIGNS R1-1, R5-3 ADJACENT TO SHARED-USE PATH

FILE NAME = p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\DRAWING\Design\0570A10-sht-sign.dgn	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. 45 /CUNNINGHAM AVE. SHARED-USE PATH SIGN PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	90
MODELNAME	PLOT DATE = 12/14/2017	DATE -	REVISED -	SCALE:	SHEET 3 OF 3 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 70A10				

LOCATION #3
SE QUADRANT U.S. 45 & E. PARK ST.

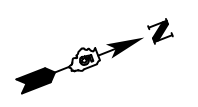


US 45/CUNNINGHAM AVE.

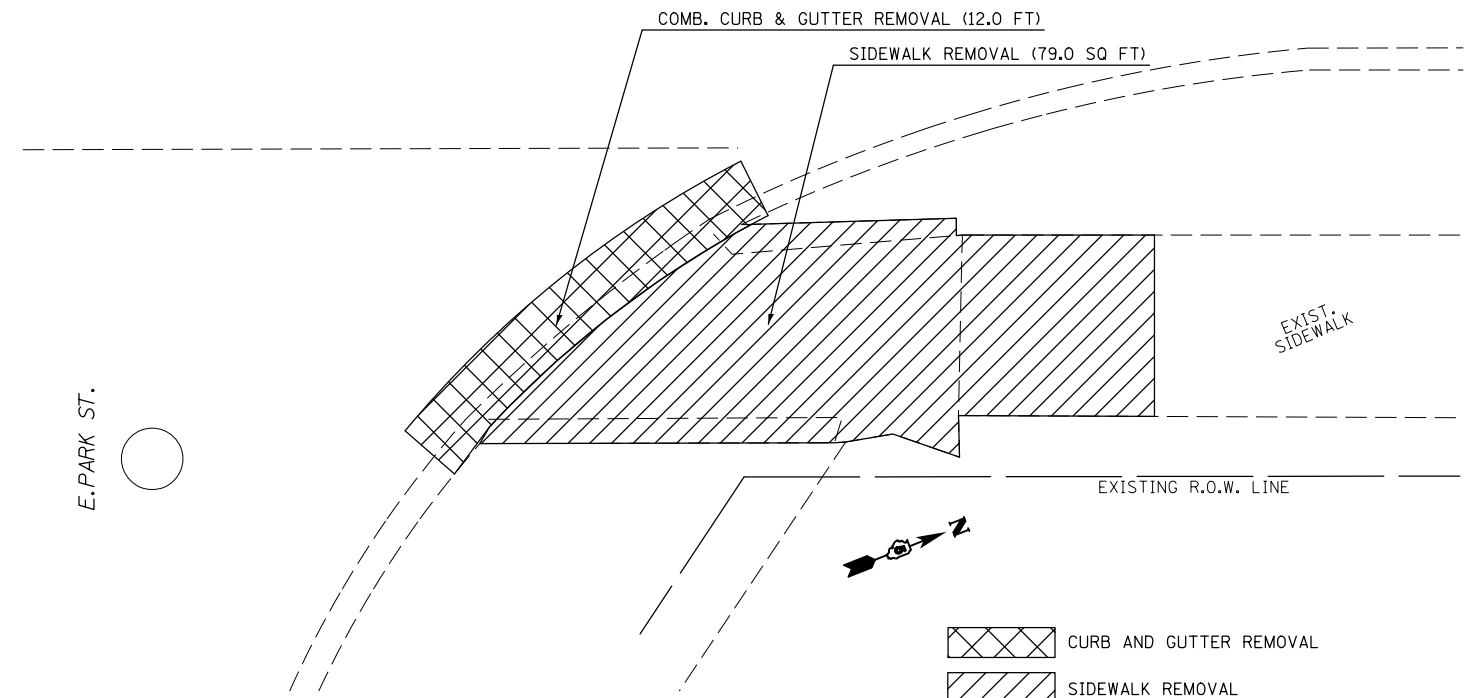


CURB AND GUTTER REMOVAL
 SIDEWALK REMOVAL

LOCATION #4
NE QUADRANT U.S. 45 & E. PARK ST.

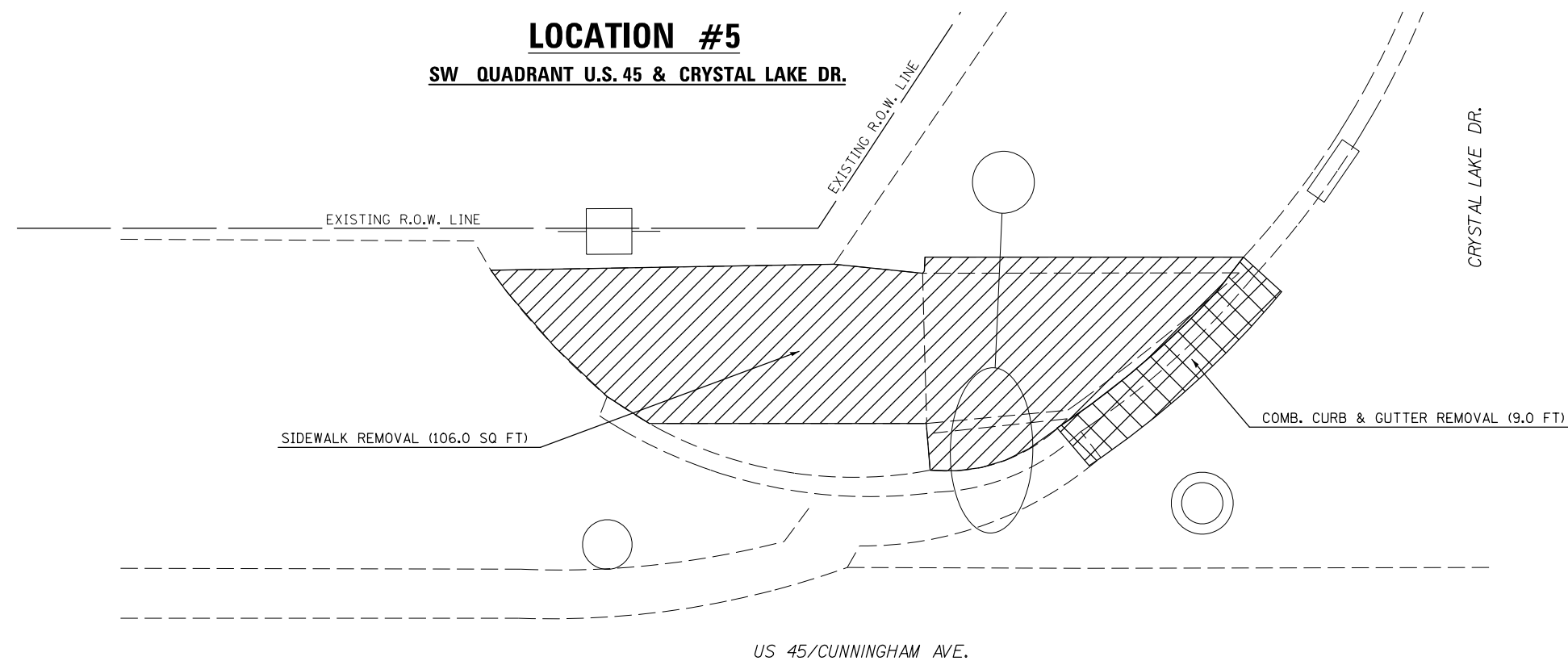


US 45/CUNNINGHAM AVE.



CURB AND GUTTER REMOVAL
 SIDEWALK REMOVAL

LOCATION #5
SW QUADRANT U.S. 45 & CRYSTAL LAKE DR.



CURB AND GUTTER REMOVAL
 SIDEWALK REMOVAL

NOTE:
*SEE RAMP DETAIL SHEETS FOR REMOVAL STATIONS AND OFFSETS

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	PLOT DATE = 12/14/2017	DATE -	REVISED -

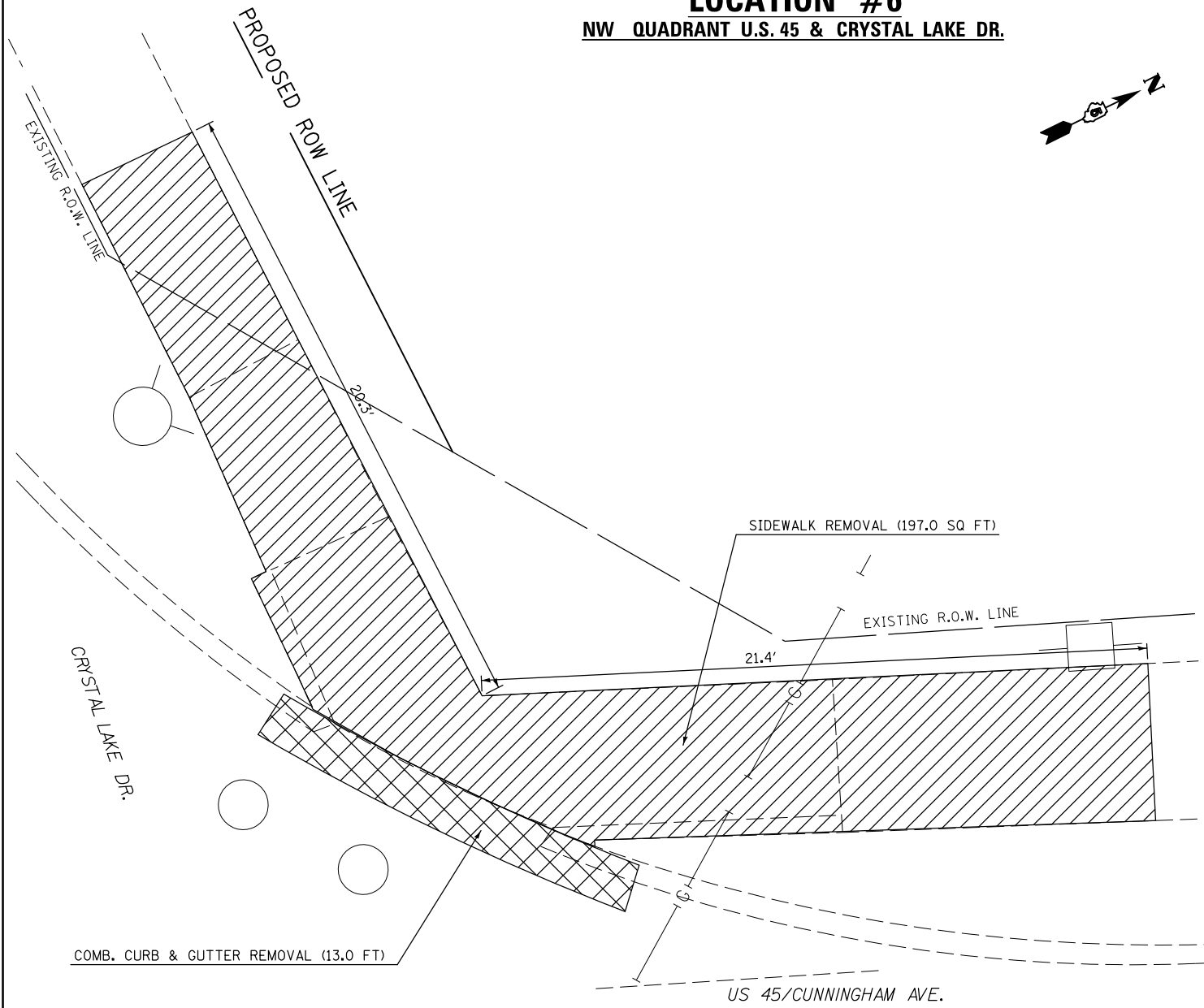
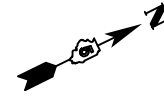
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 45 / CUNNINGHAM AVE.
LOCATIONS 3, 4, AND 5 REMOVAL SHEET



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 70A10	

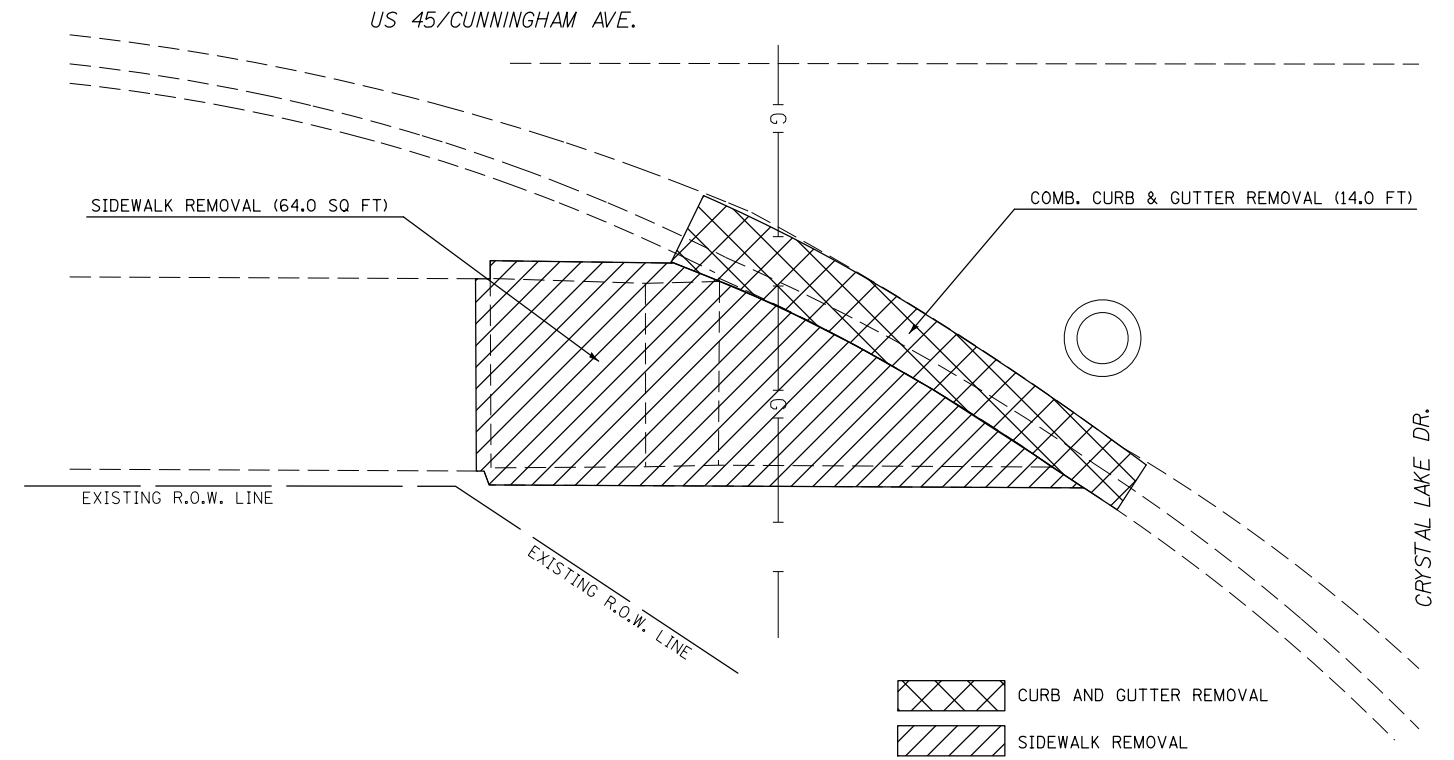
LOCATION #6
NW QUADRANT U.S. 45 & CRYSTAL LAKE DR.


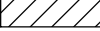


NOTE:
*SEE RAMP DETAIL SHEETS FOR
REMOVAL STATIONS AND OFFSETS

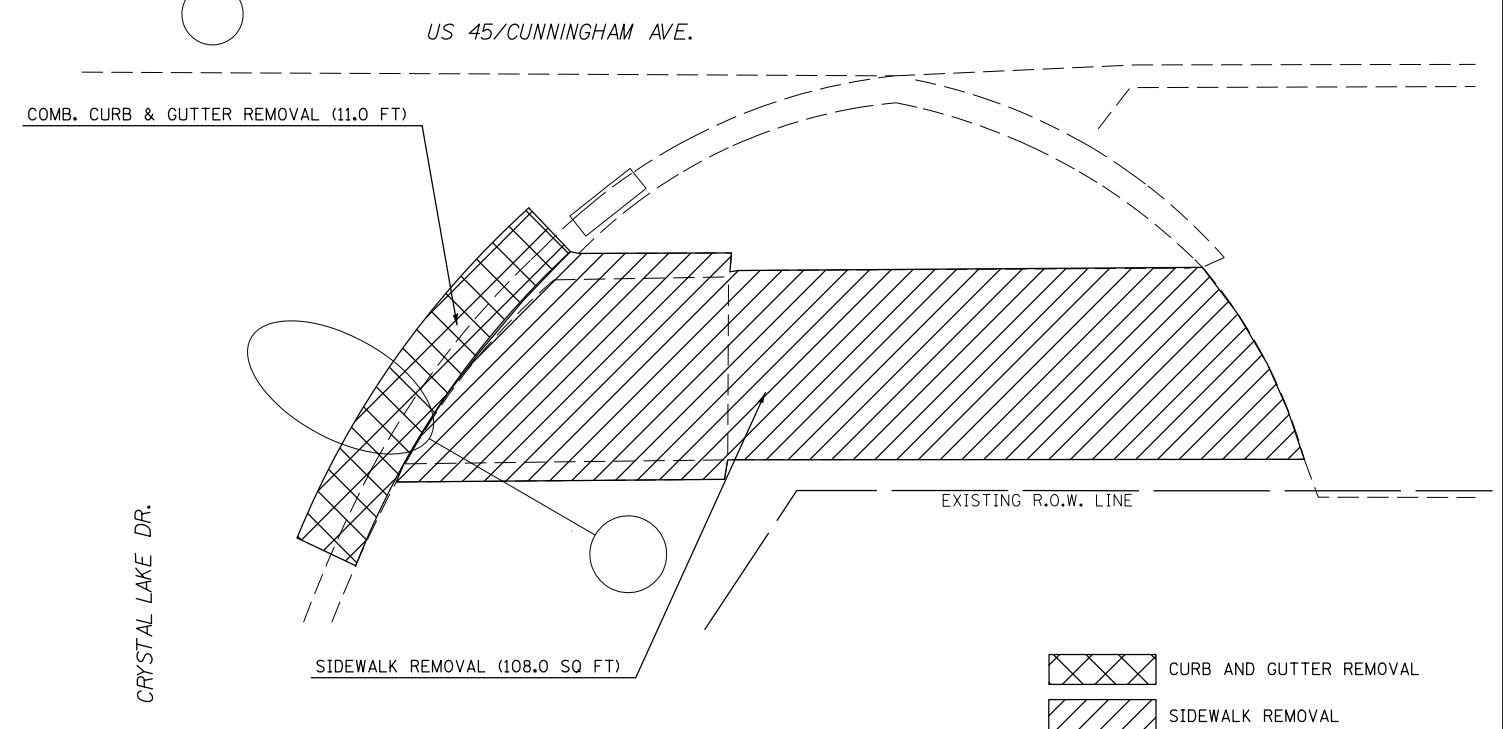
 CURB AND GUTTER REMOVAL
 SIDEWALK REMOVAL



LOCATION #7
SE QUADRANT U.S. 45 & CRYSTAL LAKE DR.



 CURB AND GUTTER REMOVAL
 SIDEWALK REMOVAL

LOCATION #8
NE QUADRANT U.S. 45 & CRYSTAL LAKE DR.



 CURB AND GUTTER REMOVAL
 SIDEWALK REMOVAL

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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	PLOT DATE = 12/14/2017	DATE -	REVISED -

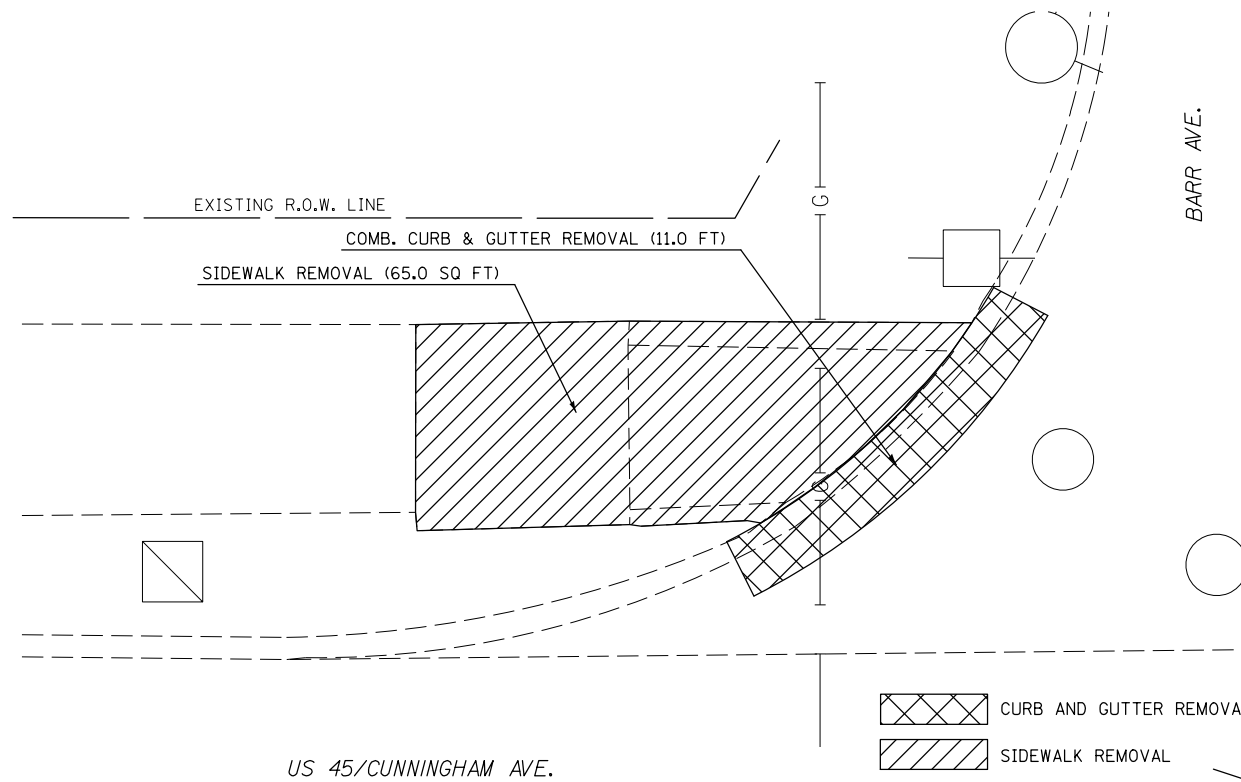
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 45 / CUNNINGHAM AVE.
LOCATIONS 6, 7, AND 8 REMOVAL SHEET

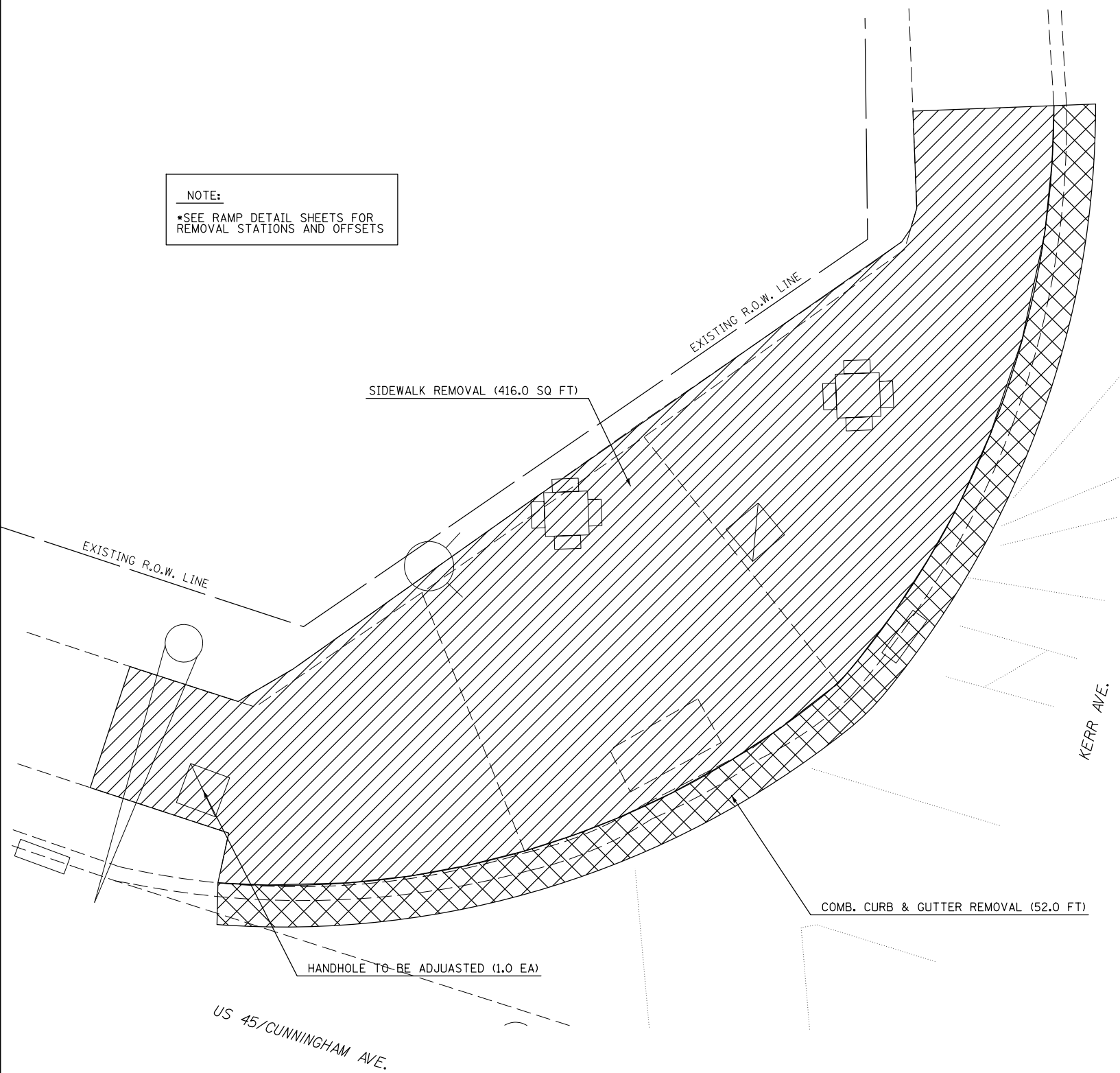
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	

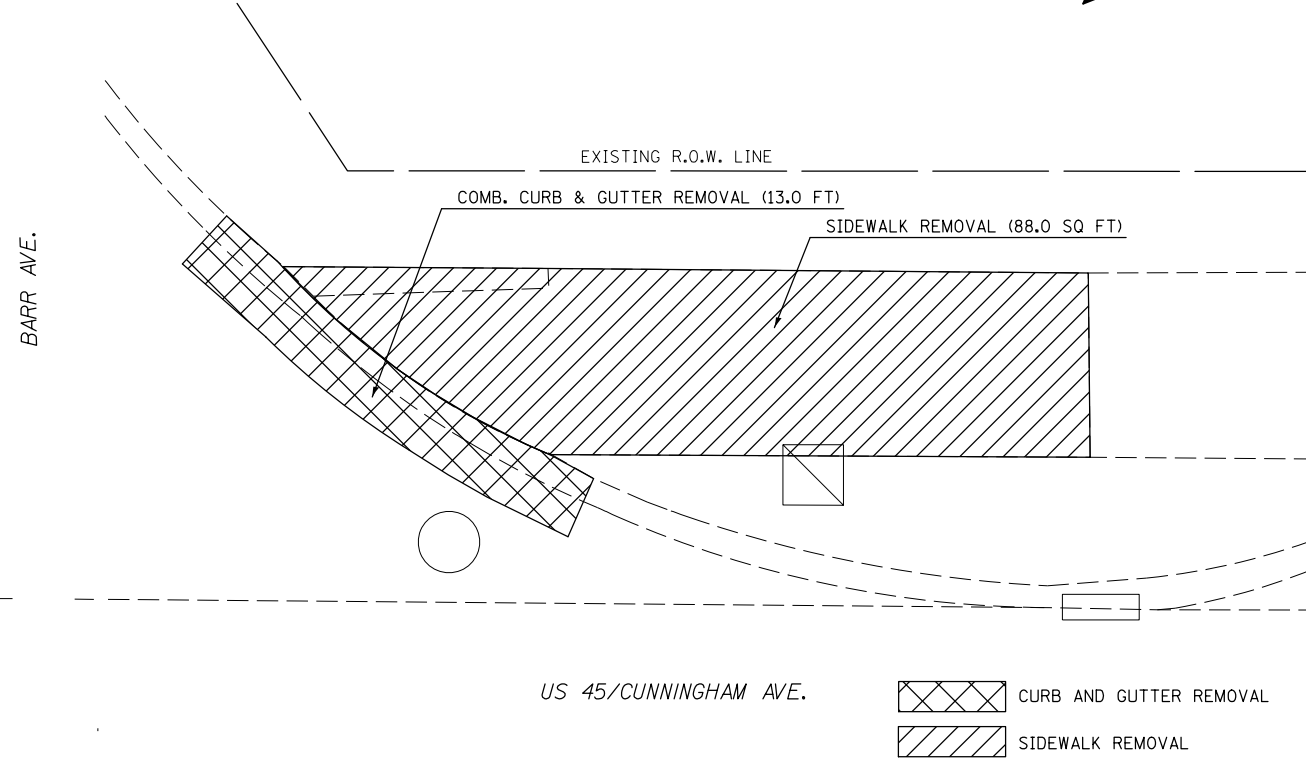
LOCATION #9
SW QUADRANT U.S. 45 & E. BARR AVE.



LOCATION #11
SW QUADRANT U.S. 45 & E. KERR AVE.



LOCATION #10
NW QUADRANT U.S. 45 & E. BARR AVE.



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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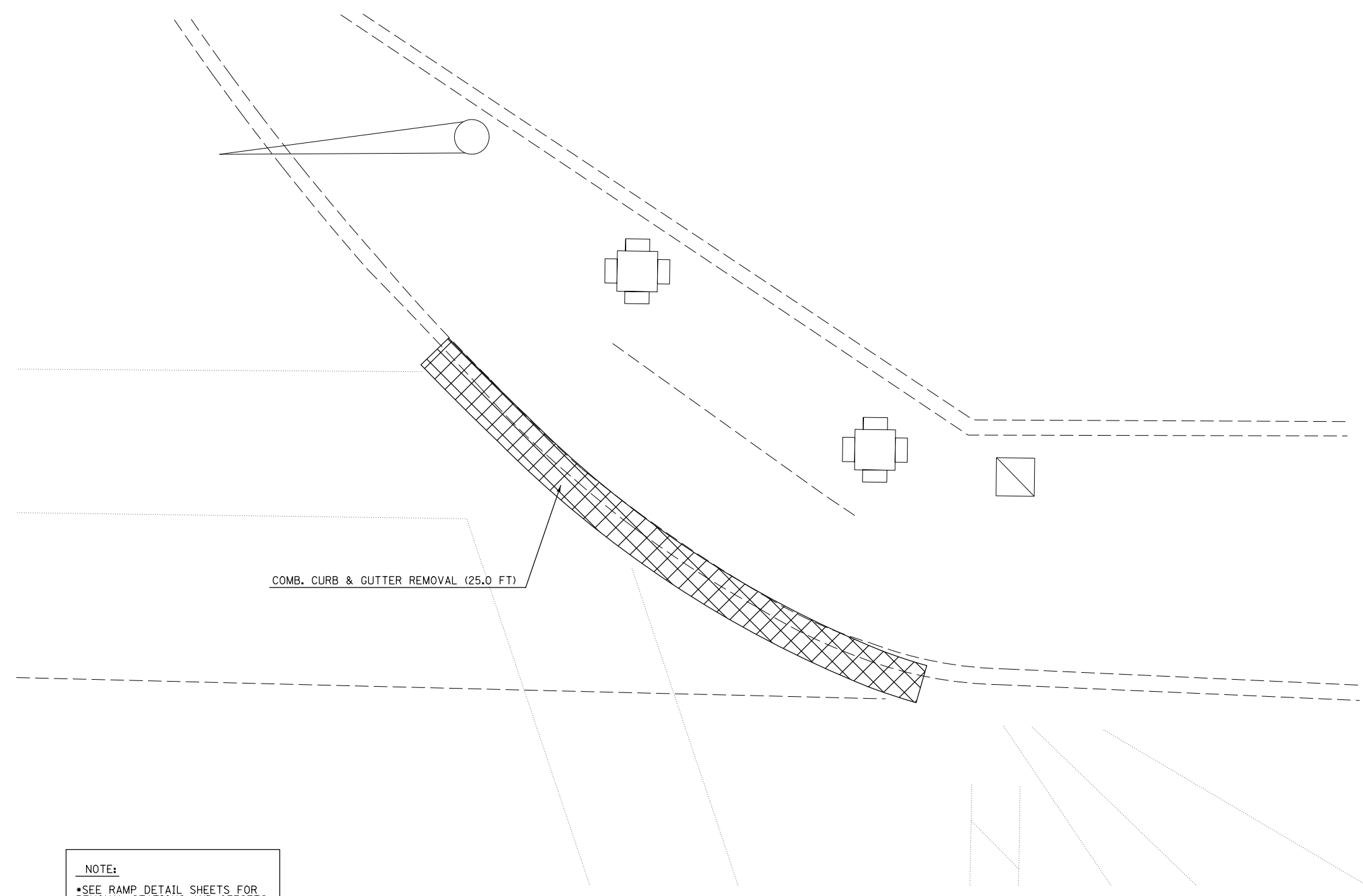
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 45 /CUNNINGHAM AVE.
LOCATIONS 9, 10, AND 11 REMOVAL SHEET


SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	93
CONTRACT NO. 70A10				
ILLINOIS FED. AID PROJECT				

LOCATION #12
NW QUADRANT U.S. 45 & E. KERR AVE.

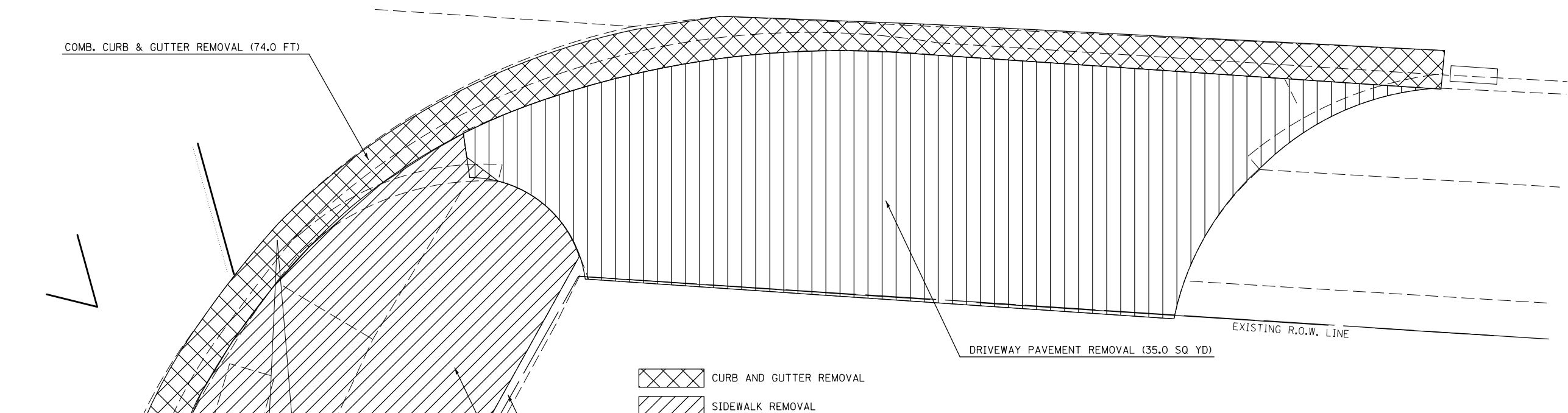


NOTE:
 *SEE RAMP DETAIL SHEETS FOR
 REMOVAL STATIONS AND OFFSETS

 CURB AND GUTTER REMOVAL

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. 45 / CUNNINGHAM AVE. LOCATION 12 REMOVAL SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME	PLOT SCALE = 5.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.		CONTRACT NO. 70A10				
	PLOT DATE = 12/14/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

LOCATION #14
NE QUADRANT U.S. 45 & E. KERR AVE.

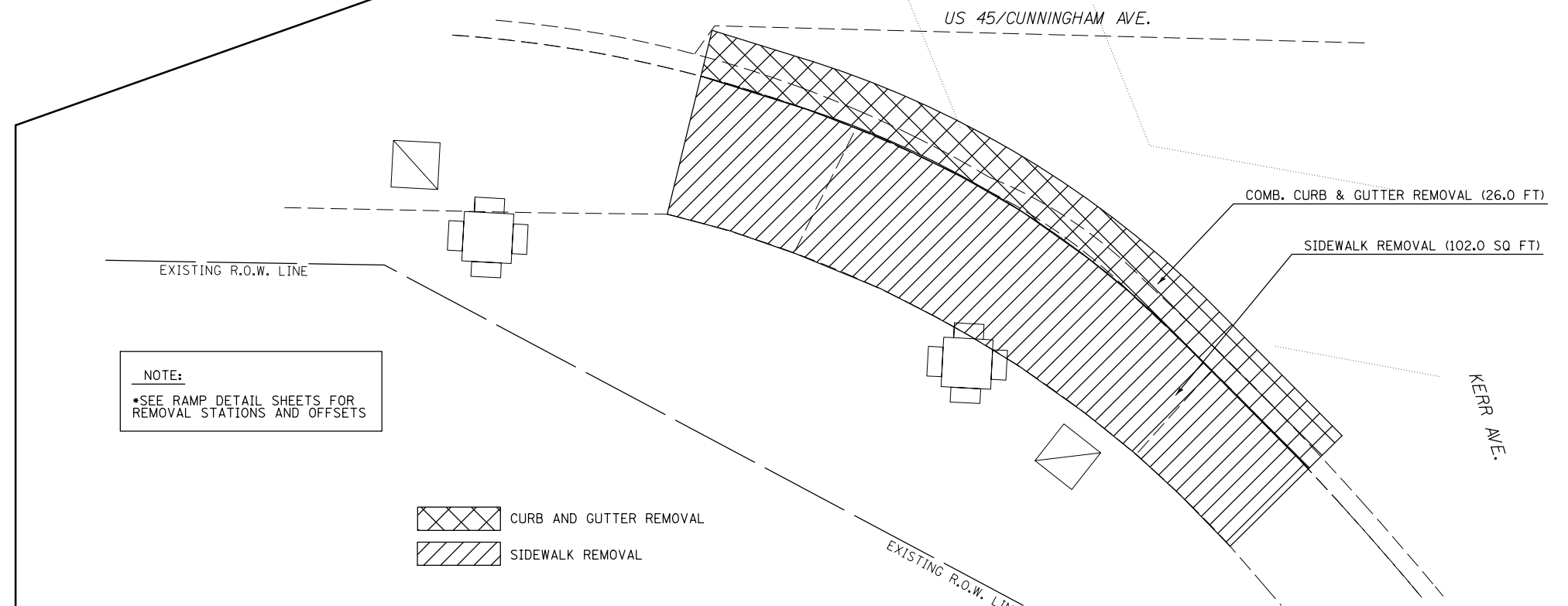


- CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

LEAVE EX. CURB IN PLACE

SIDEWALK REMOVAL (173.0 SQ FT)

LOCATION #13
SE QUADRANT U.S. 45 AND E. KERR AVE.



- CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL

NOTE:
 *SEE RAMP DETAIL SHEETS FOR
 REMOVAL STATIONS AND OFFSETS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 5.0000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 12/14/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

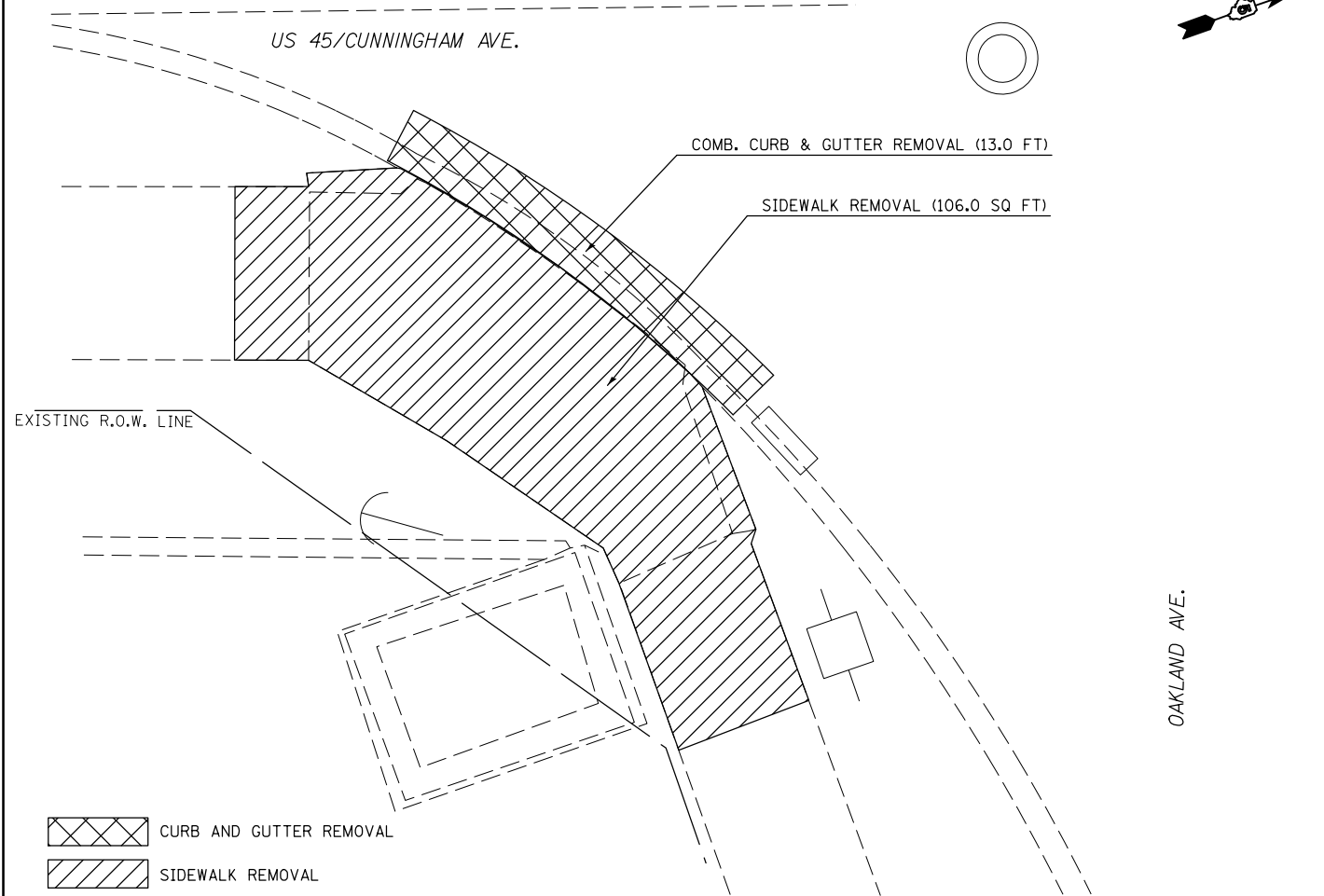
U.S. 45 / CUNNINGHAM AVE.
LOCATIONS 13 AND 14 REMOVAL SHEET

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	

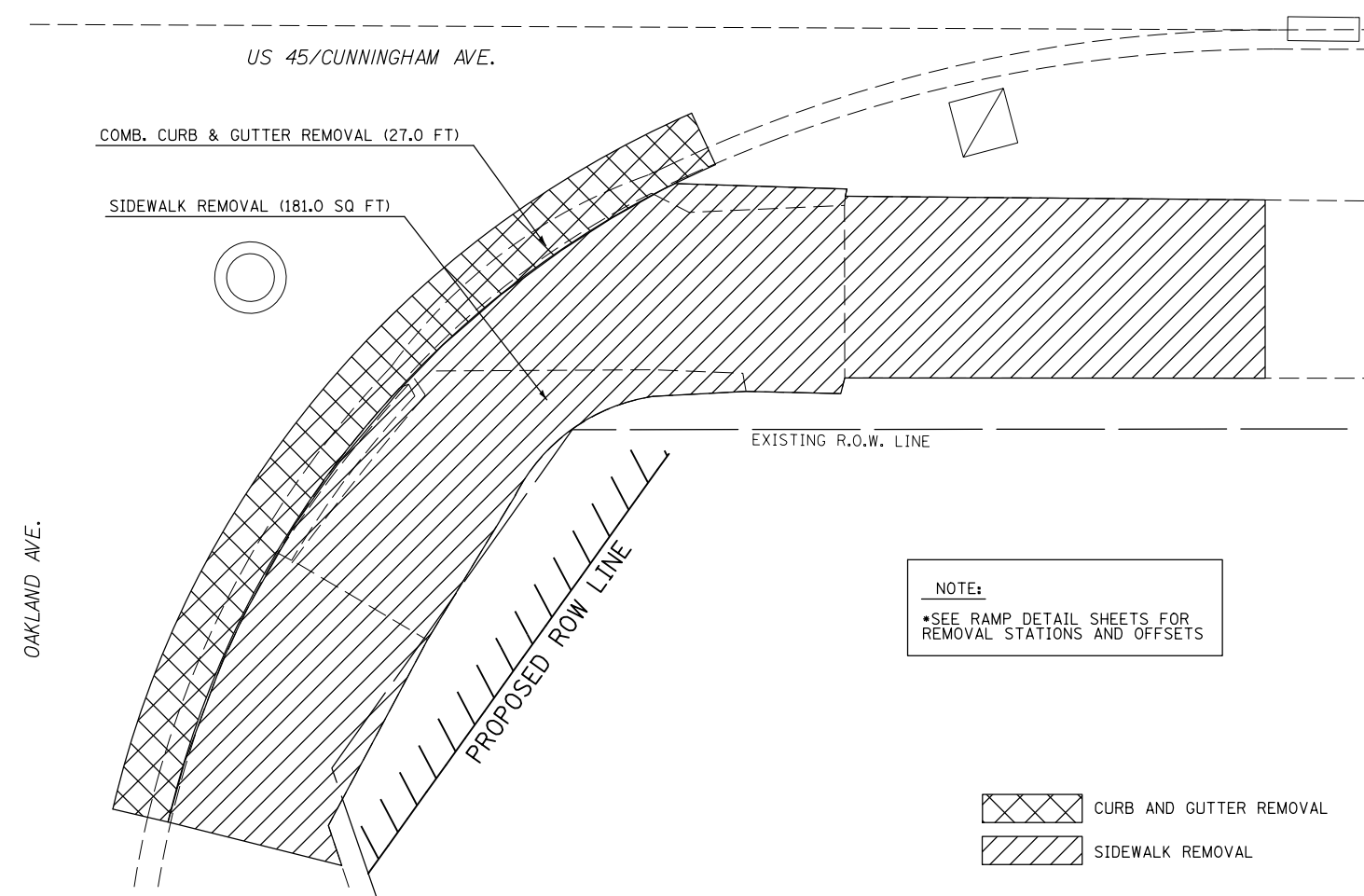
LOCATION #15

SE QUADRANT U.S. 45 & E. OAKLAND AVE.



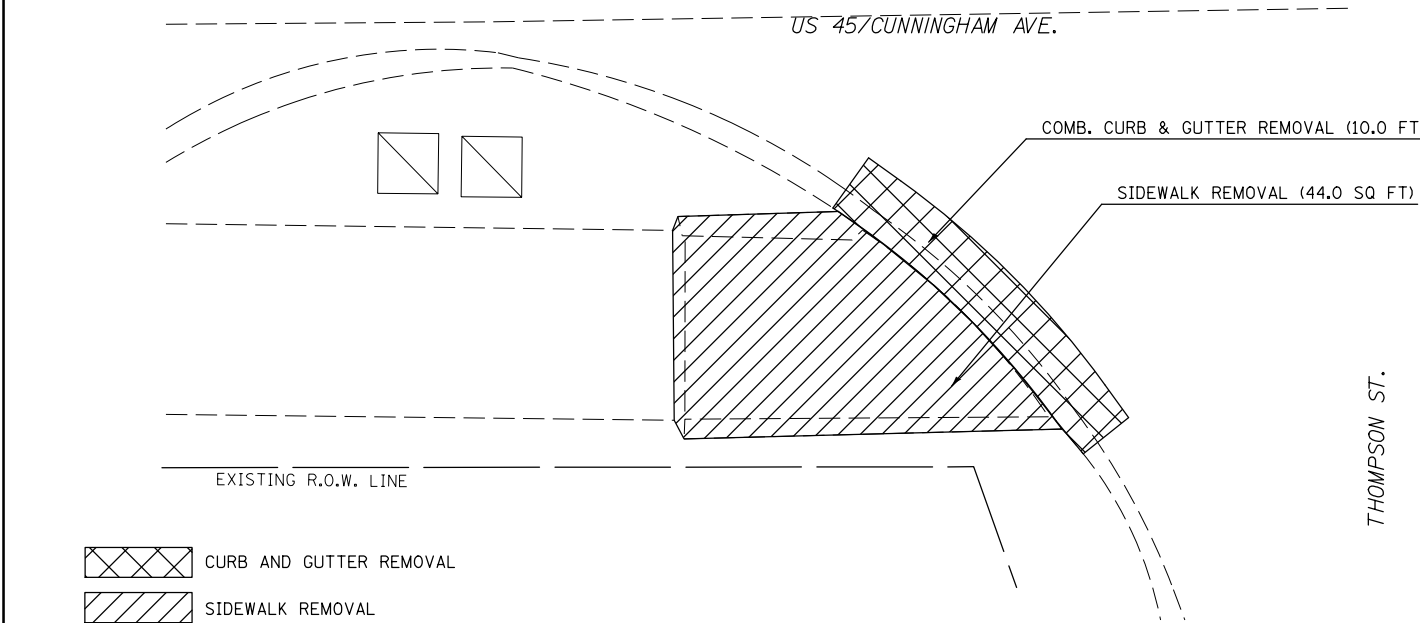
LOCATION #16

NE QUADRANT U.S. 45 & E. OAKLAND AVE.



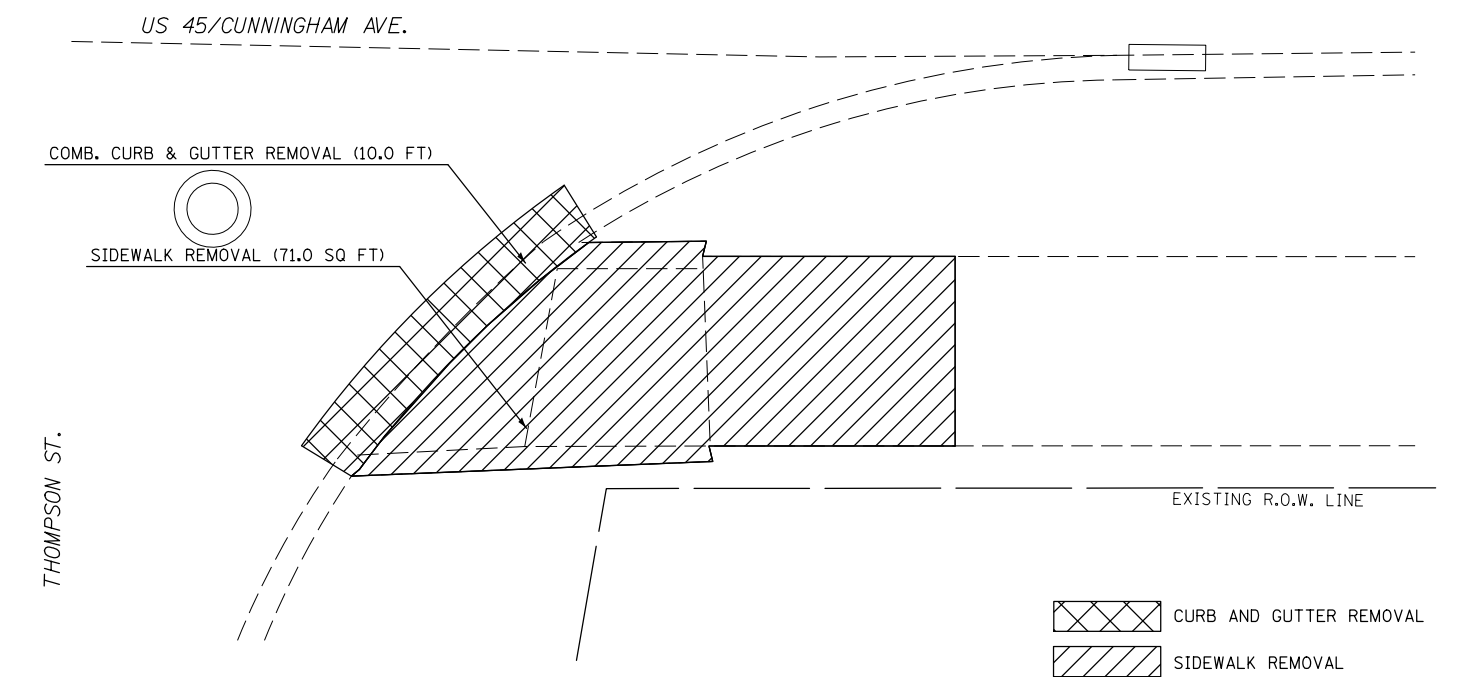
LOCATION #17

SE QUADRANT U.S. 45 AND THOMPSON ST.



LOCATION #18

NE QUADRANT U.S. 45 AND THOMPSON ST.



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 12/14/2017	DATE -	REVISED -

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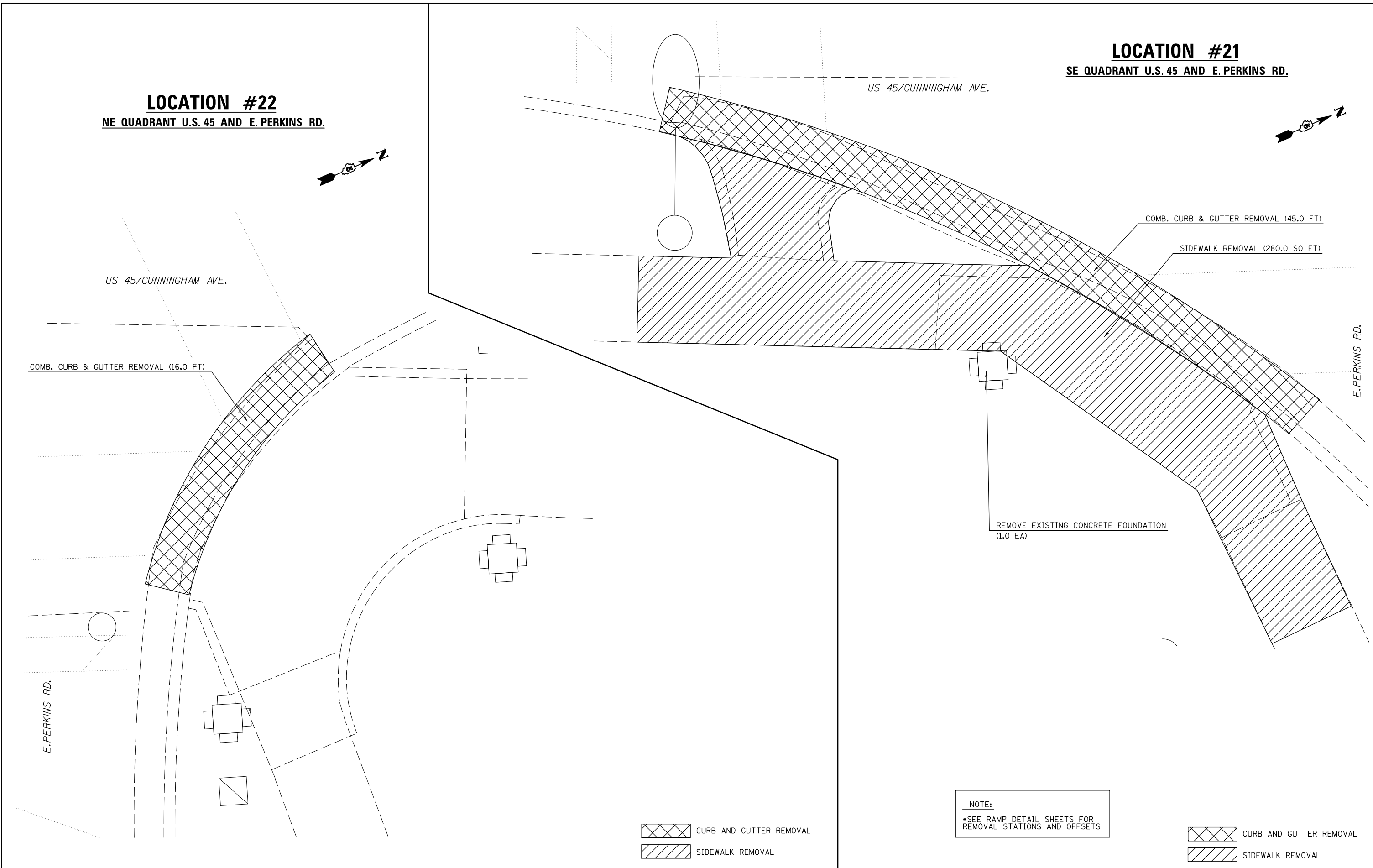
U.S. 45 /CUNNINGHAM AVE.
LOCATIONS 15, 16, 17, AND 18 REMOVAL SHEET


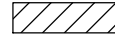
SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	96
CONTRACT NO. 70A10				
ILLINOIS FED. AID PROJECT				


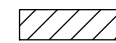
LOCATION #22
NE QUADRANT U.S. 45 AND E. PERKINS RD.

LOCATION #21
SE QUADRANT U.S. 45 AND E. PERKINS RD.



 CURB AND GUTTER REMOVAL
 SIDEWALK REMOVAL

NOTE:
•SEE RAMP DETAIL SHEETS FOR REMOVAL STATIONS AND OFFSETS

 CURB AND GUTTER REMOVAL
 SIDEWALK REMOVAL

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 5.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2017	DATE -	REVISED -

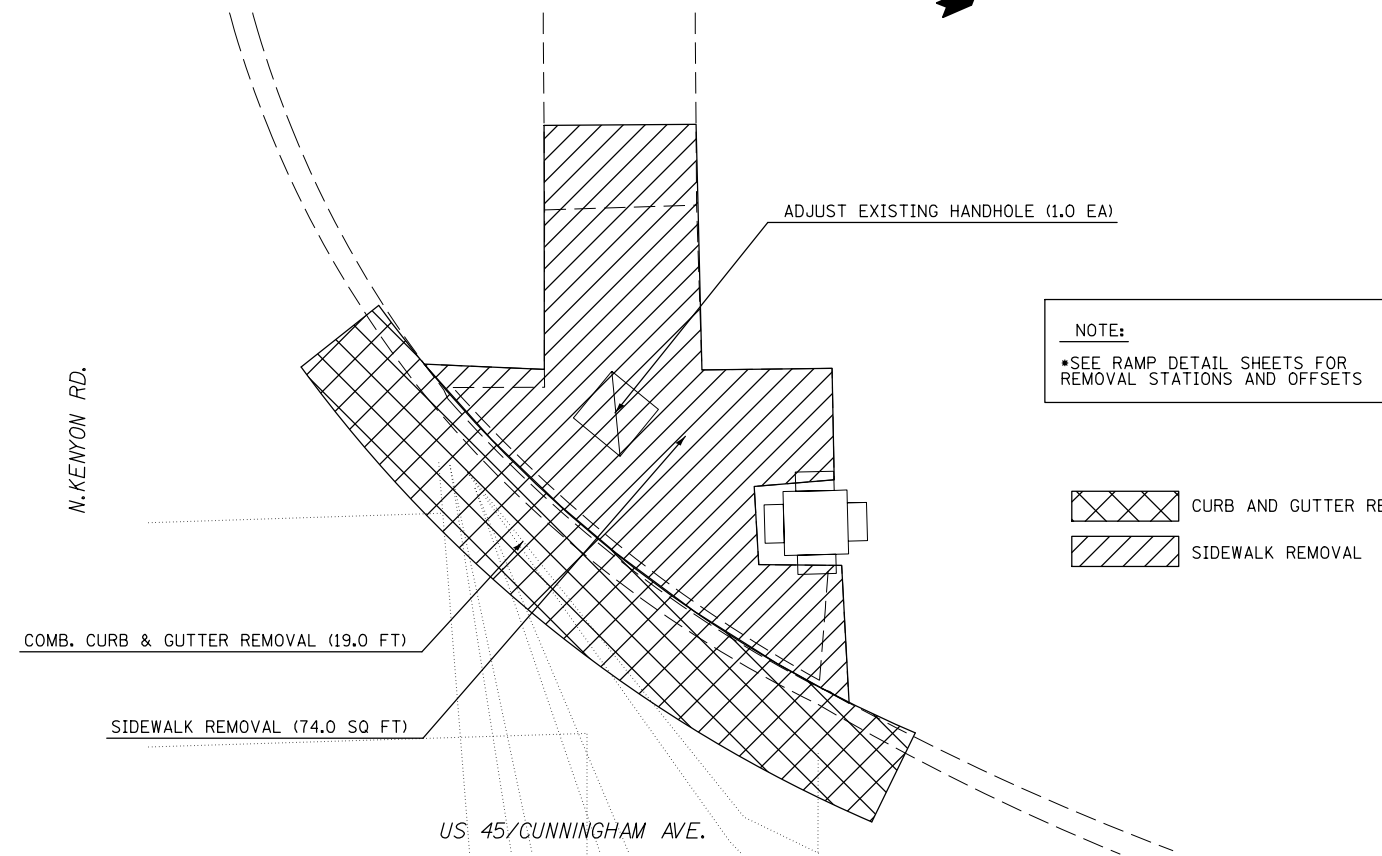
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 45 /CUNNINGHAM AVE.
LOCATIONS 21 AND 22 REMOVAL SHEET

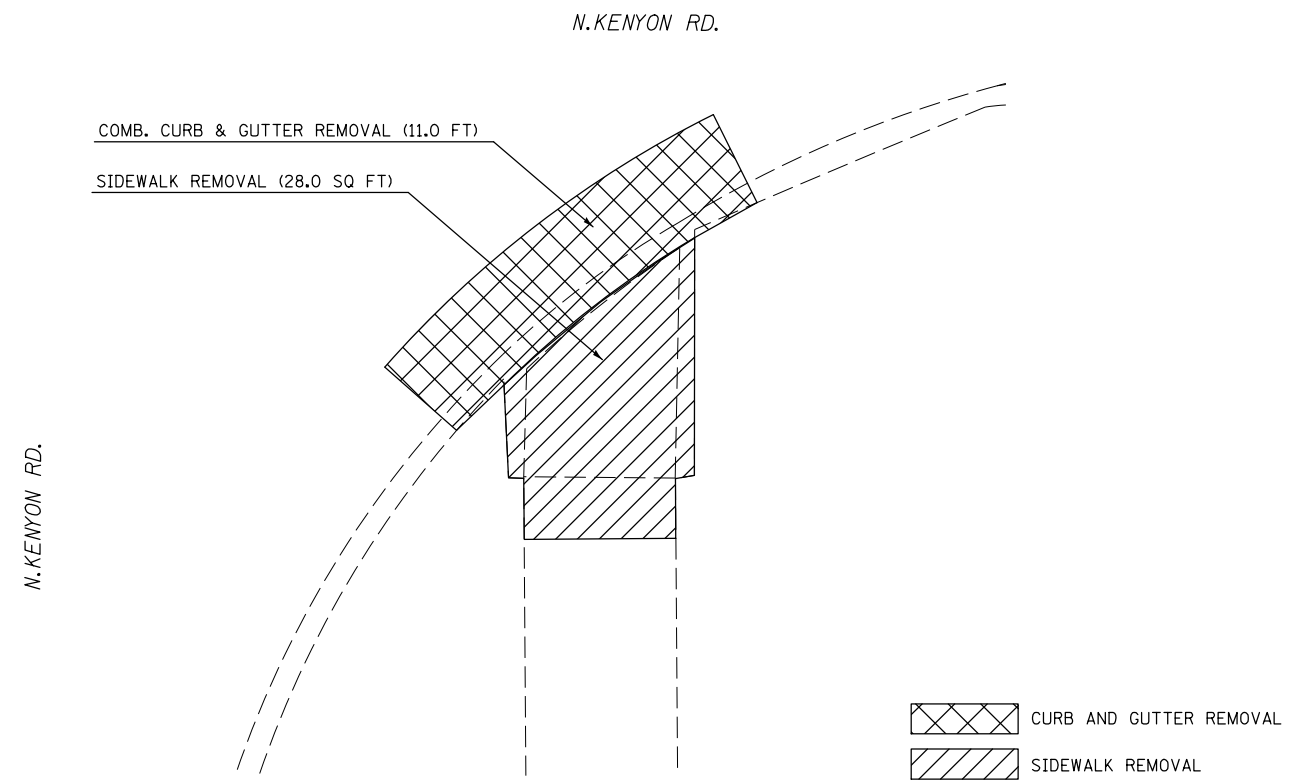
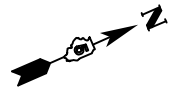
SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	98
CONTRACT NO. 70A10				
ILLINOIS FED. AID PROJECT				

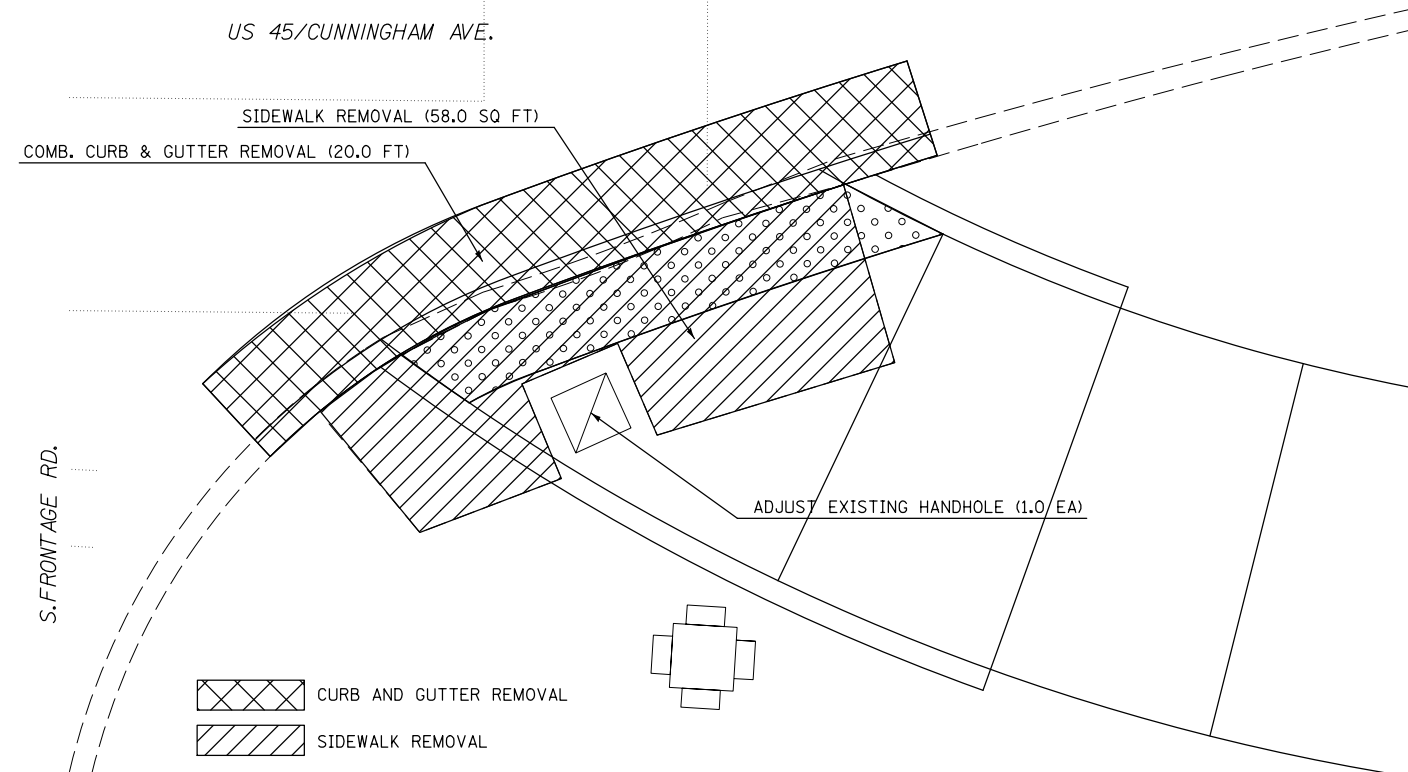
LOCATION #24
NW QUADRANT U.S. 45 AND KENYON RD.



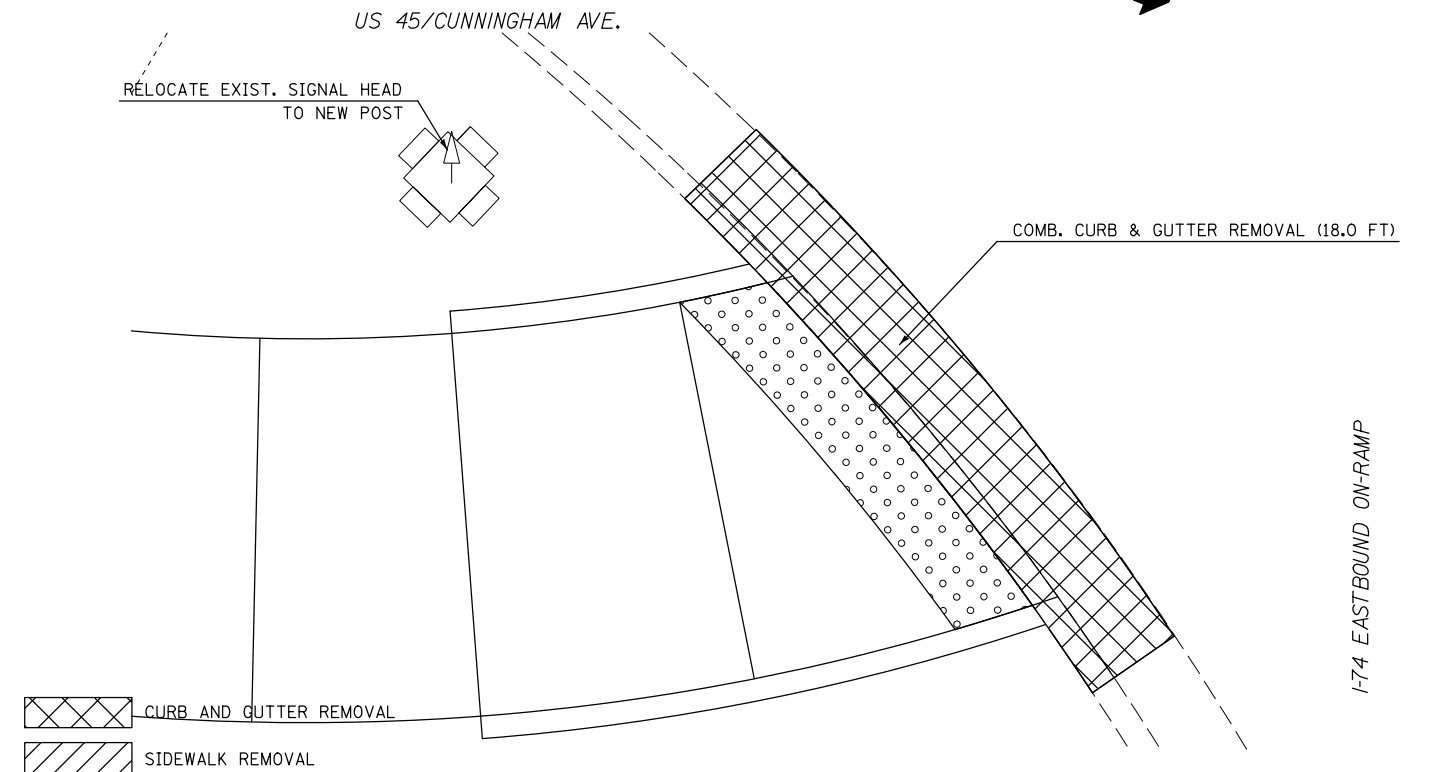
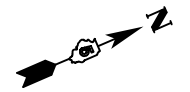
LOCATION #25
NW QUADRANT U.S. 45 AND KENYON RD.



LOCATION #27
NE QUADRANT U.S. 45 AND S. FRONTAGE RD.



LOCATION #28
S. CROSSING OF I-74 EASTBOUND ON-RAMP



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 5.0000' / 1" =	DATE -	REVISED -
	PLOT DATE = 12/14/2017		

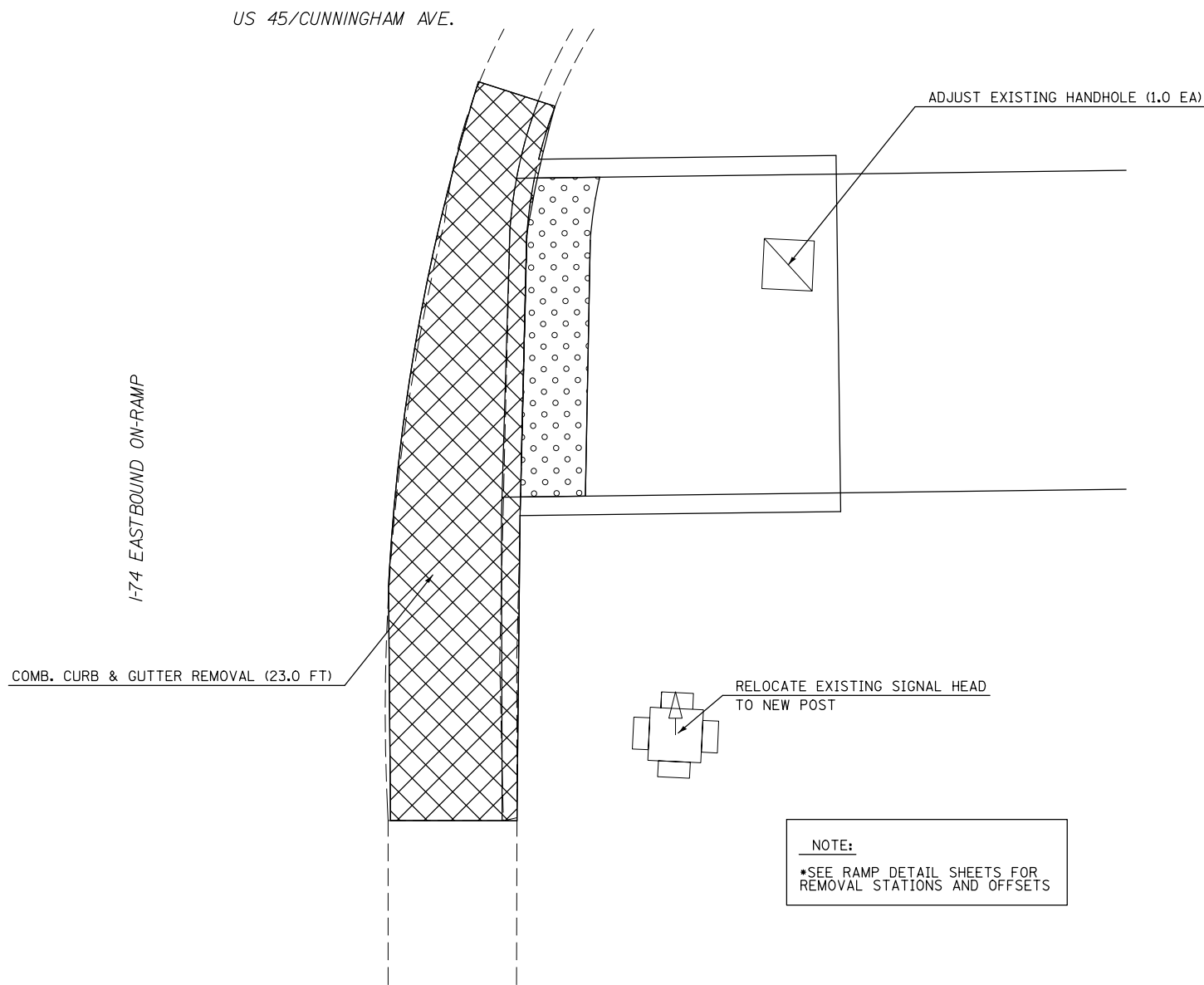
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 45 /CUNNINGHAM AVE.
LOCATIONS 24, 25, 27, AND 28 REMOVAL SHEET

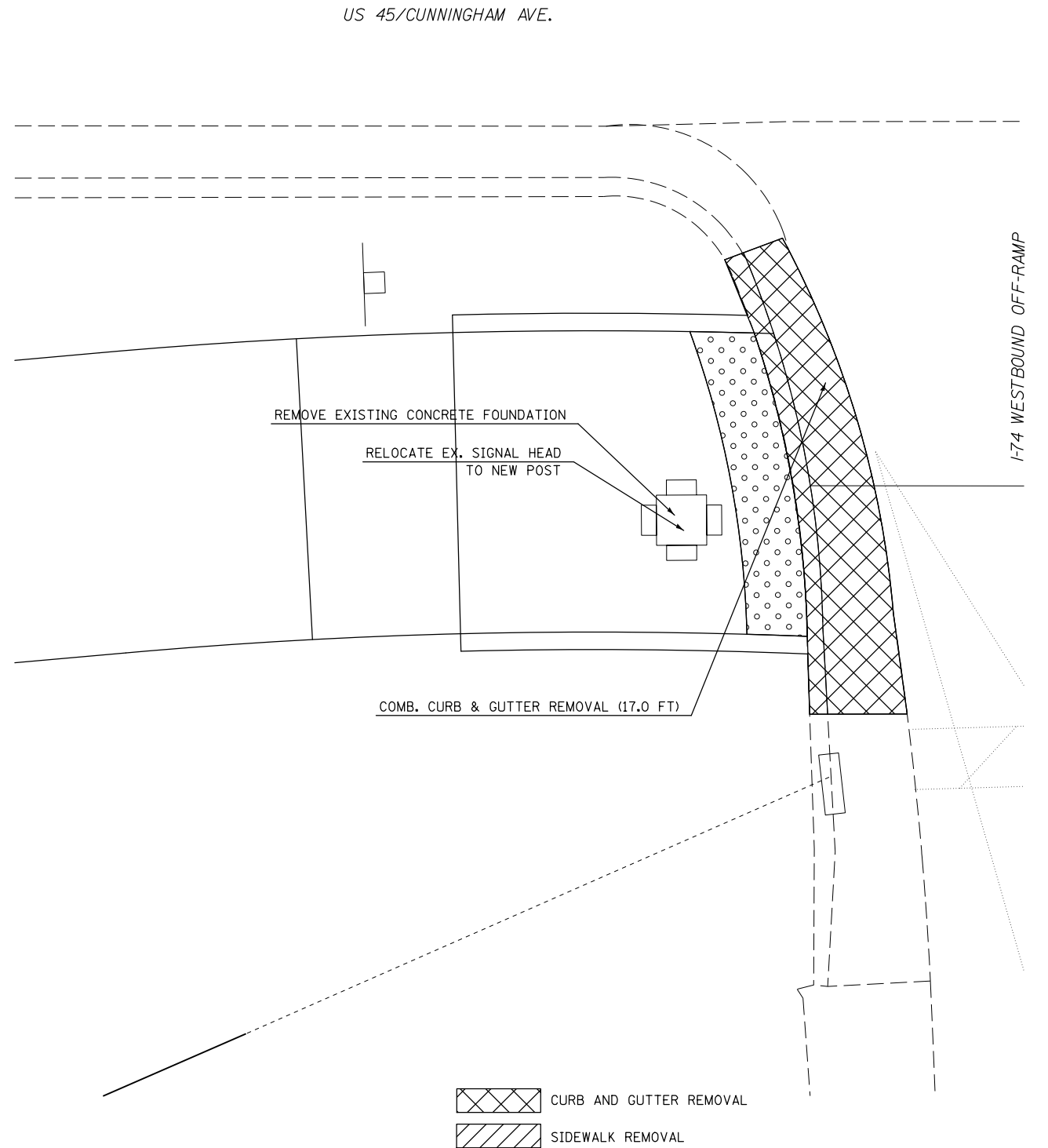
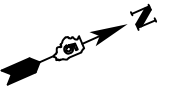
SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	99
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	

LOCATION #29
N. CROSSING OF I-74 EASTBOUND ON-RAMP.



LOCATION #30
S. CROSSING OF I-74 WESTBOUND OFF-RAMP.



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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MODELNAME	PLOT SCALE = 5.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 45 /CUNNINGHAM AVE.			
LOCATIONS 29 AND 30 REMOVAL SHEET			
SCALE:	SHEET 10 OF 11 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	(28X-2)RS-3 & (28X-1)RS-6	CHAMPAIGN	173	100
CONTRACT NO. 70A10			ILLINOIS FED. AID PROJECT	