

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	1
ILLINOIS CONTRACT NO. 63779				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF STATE AND LOCAL STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS 09-18-2015 LETTING ITEM 056

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

FAP 326 (ILLINOIS ROUTE 47)
AT BURLINGTON ROAD
SECTION 07-00357-00-CH

RECONSTRUCTION - INTERSECTION IMPROVEMENTS

PROJECT NO.: CMM-8003(832)
JOB NO.: C-91-331-07

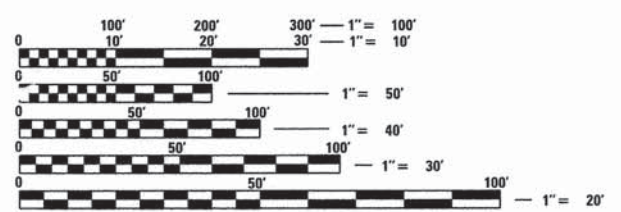
TRAFFIC DATA - ILLINOIS ROUTE 47
POSTED SPEED: 55 MPH
DESIGN SPEED: NOT APPLICABLE (AT INTERSECTION)
CURRENT ADT (2010): 8,500 VPD
DESIGN ADT (2040): 16,000 VPD

DESIGN DESIGNATION
STRATEGIC REGIONAL ARTERIAL

TRAFFIC DATA - BURLINGTON ROAD
POSTED SPEED: 55 MPH
DESIGN SPEED: NOT APPLICABLE (AT INTERSECTION)
CURRENT ADT (2010): 4,000 VPD
DESIGN ADT (2040): 8,000 VPD

DESIGN DESIGNATION
MAJOR COLLECTOR

DESCRIPTION OF PROJECT
CONSTRUCTION OF A SINGLE-LANE ROUNDABOUT INTERSECTION. THE PROJECT INCLUDES FULL-DEPTH PAVEMENT RECONSTRUCTION; DITCH REGRADING; CONSTRUCTION OF TEMPORARY PAVEMENT INCLUDING A TEMPORARY RUNAROUND; CONSTRUCTION OF NEW CURB AND GUTTER, DRAINAGE STRUCTURES AND BOX CULVERTS; INSTALLATION OF ROADWAY LIGHTING AND NEW PAVEMENT MARKING AND SIGNING.

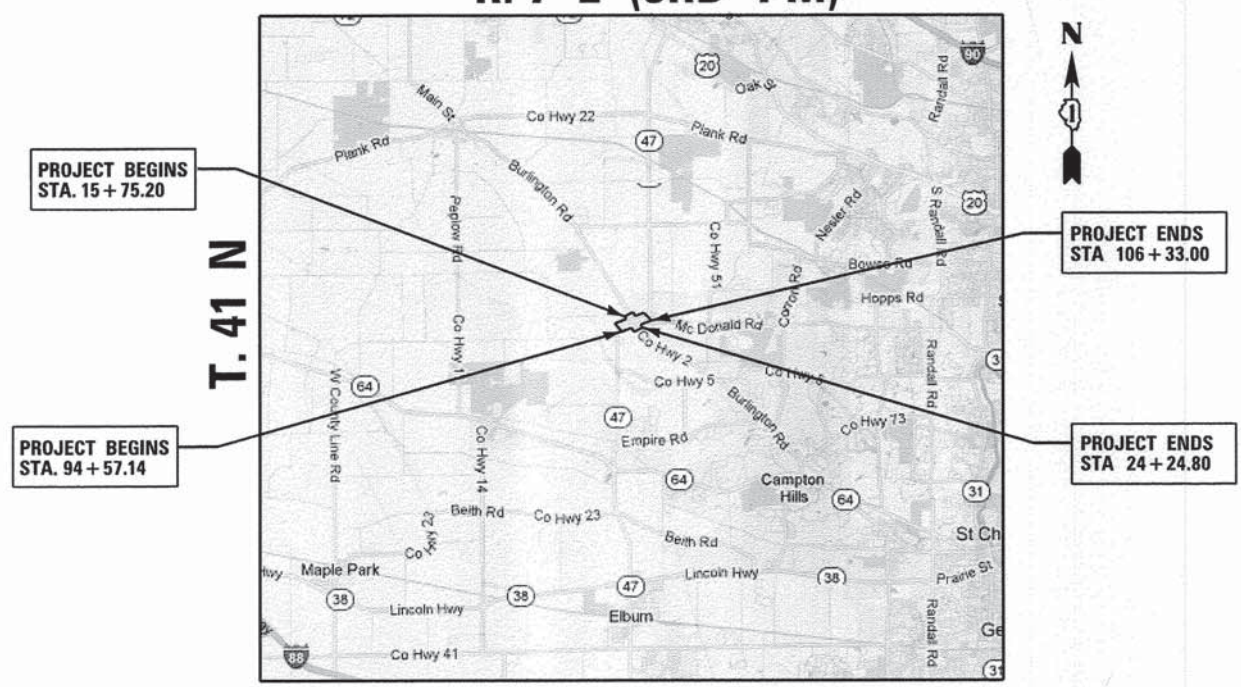


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT LOCATED IN THE
VILLAGE OF CAMPTON HILLS

R. 7 E (3RD PM)



LOCATION MAP

GROSS LENGTH = 2,025.46 FT. = 0.384 MILE
NET LENGTH = 2,025.46 FT. = 0.384 MILE



LOCATION OF SECTION INDICATED THIS: - [black rectangle]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED **APRIL 17 20 15**
DIRECTOR, KANE COUNTY DIVISION OF TRANSPORTATION

PASSED **JULY 7 20 15**
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW **JULY 7 20 15**
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

Matthew A. Papirnik
MATTHEW A. PAPIRNIK, P.E.
ILLINOIS REGISTRATION No. 062-052094
EXPIRATION DATE: 11/30/2015



CONTRACT NO. 63779

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, PE 847-705-4021 SCHAUMBURG, IL

INDEX OF SHEETS

FROM	TO	SHEET TYPE / TITLE
1		COVER SHEET
2		INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES
3	TO 6	SUMMARY OF QUANTITIES
7	TO 10	TYPICAL SECTIONS
11		SCHEDULE OF QUANTITIES
12		ALIGNMENT, TIES AND BENCHMARKS
13	TO 14	REMOVAL PLAN
15	TO 20	PROPOSED PLAN AND PROFILE
21	TO 23	ROADWAY DETAILS
24	TO 33	MAINTENANCE OF TRAFFIC PLANS
34	TO 35	EROSION AND SEDIMENT CONTROL DETAILS
36	TO 39	DRAINAGE AND UTILITY PLANS
40	TO 40A	PLAN OF HIGHWAYS
41	TO 43	JOINTING PLANS
44	TO 45	PAVEMENT MARKING AND SIGNING PLANS
46	TO 47	LANDSCAPING PLAN
48	TO 50	LIGHTING PLANS
51	TO 65	IDOT DISTRICT ONE STANDARDS
66	TO 80	CROSS SECTIONS

DISTRICT ONE STANDARDS

DRAWING NUMBER	TITLE
BD03	OUTLET FOR CONCRETE CURB AND GUTTER
BD22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD32	BUTT JOINTS AND HMA TAPER
BD33	HMA TAPER AT EDGE OF PCC PAVEMENT
BD48	PCC PAVEMENT ROUNDOUTS AT CURB & GUTTER
BE220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE301	LIGHT POLE FOUNDATION, CONCRETE, 40' TO 47 1/2' M.H.; 15" BOLT CIRCLE
BE400	LIGHT POLE, ALUMINUM, TRUSS TYPE, 47.5 FT. M.H.
BE702	MISCELLANEOUS DETAILS, SHEET A - CABLE SPLICE, POLE WIRING, TRENCH DETAIL
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC13	DISTRICT 1 TYPICAL PAVEMENT MARKINGS
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC22	ARTERIAL ROAD INFORMATION SIGN

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

ALL REFERENCES TO STANDARD SPECIFICATIONS IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2012 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2015.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS; THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD); THE DETAILS IN THE PLANS AND THE SPECIAL PROVISIONS, AND IDOT STANDARD DRAWINGS AS LISTED IN THE CONTRACT DOCUMENTS.

ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.

STAKING

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

THE STATION/OFFSET/ELEVATION NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.

THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OR PROPOSED PAVEMENT GRADES, UNLESS OTHERWISE NOTED.

UTILITIES

PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND ACCURACY IS NOT GUARANTEED. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER, AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE PAID FOR THIS WORK.

SIGNING, STRIPING & LANDSCAPING

SIGNS ON IL 47 WHICH ARE SO DESIGNATED BY THE ENGINEER SHALL BE REMOVED, STORED AND SUBSEQUENTLY RELOCATED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. SIGNS ON BURLINGTON ROAD SHALL BE REMOVED, STORED AND SUBSEQUENTLY RELOCATED BY THE KANE COUNTY DIVISION OF TRANSPORTATION. ANY SIGNS WHICH ARE DAMAGED DURING CONSTRUCTION OPERATIONS BEYOND REPAIR SHALL BE REPLACED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.

WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SODDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR, SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

EARTHWORK

TOPSOIL STRIPPING SHALL BE 12" IN DEPTH UNDER AREAS OF PROPOSED PERMANENT OR TEMPORARY PAVEMENT, AND IN CUT AREAS, TOPSOIL STRIPPING ELSEWHERE SHALL BE 4" IN DEPTH. REFER TO THE CROSS SECTIONS FOR DETAILED INFORMATION.

GENERAL NOTES

WHERE SECTION, SUBSECTION, SUBDIVISION OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

A SAW CUT SHALL BE REQUIRED TO THE FULL DEPTH AT THE JOINT BETWEEN THE PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, HOT-MIX ASPHALT SURFACES TO BE REMOVED AND THAT LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE ADJACENT REMOVAL ITEM.

RIGHT-OF-WAY MONUMENTS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THEIR OWN EXPENSE.

STATE STANDARDS

DRAWING NUMBER	TITLE
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
420101-05	24' (7.2m) JOINTED PCC PAVEMENT
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
483001-04	PCC SHOULDER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
602001-02	CATCH BASIN, TYPE A
602301-04	INLET, TYPE A
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24 (B-15.60)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642006	SHOULDER RUMBLE STRIPS, 8 IN.
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701331-04	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS \leq 45 MPH
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS \leq 45 MPH
701901-04	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-06	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720021-02	SIGN PANELS, EXTRUDED ALUMINUM TYPE
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME =	USER NAME = *USER*	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
FILE		DRAWN - JIR	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	326	07-00357-00-CH	KANE	90	2
		CHECKED - MAP	REVISED -		CONTRACT NO. 63779										
		DATE - 6/17/2015	REVISED -		ILLINOIS FED. AID PROJECT										

SP	CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	TOTAL QUANTITY	ROADWAY 0004	SAFETY 0021	LANDSCAPING 0031
					PARTICIPATING 80% FEDERAL / 20% LOCAL	PARTICIPATING 80% FEDERAL / 20% KANE COUNTY	NON-PARTICIPATING 100% LOCAL
	44000100	PAVEMENT REMOVAL	SO YD	9,783	9,783		
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	220	220		
	44201745	CLASS D PATCHES, TYPE III, 8 INCH	SO YD	61	61		
	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SO YD	79	79		
	48100700	AGGREGATE SHOULDERS, TYPE A 8"	SO YD	1,036	1,036		
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	356	356		
	48300410	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"	SO YD	1,165	1,165		
	50102400	CONCRETE REMOVAL	CU YD	19.3	19.3		
	50105220	PIPE CULVERT REMOVAL	FOOT	126	126		
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2		
	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2	2		
	54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	87	87		
	54010502	PRECAST CONCRETE BOX CULVERTS 5' X 2'	FOOT	125	125		
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4		
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	23	23		
	5421A012	PIPE CULVERT, CLASS A, TYPE 1 12" (TEMPORARY)	FOOT	135	135		
	542A0217	PIPE CULVERT, CLASS A, TYPE 1 12"	FOOT	16	16		
	542A0220	PIPE CULVERT, CLASS A, TYPE 1 15"	FOOT	449	449		
	550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	30	30		
	550A0070	STORM SEWERS, CLASS A, TYPE 1, 15"	FOOT	327	327		
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	8	8		
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	17.0	17.0		
	60600605	CONCRETE CURB, TYPE B	FOOT	270.0	270.0		
△	60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	1,424.0	1,424.0		
△	60611811	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)	FOOT	345.5	345.5		
△	60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SO FT	1,519	1,519		
	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	879	879		

* DENOTES SPECIALTY ITEM

△ DENOTES SPECIAL PROVISION

FILE NAME = 66343_ssq2.dgn	USER NAME = mkbarr	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MAP	REVISED -		SCALE: NONE	SHEET 2	OF 4	SHEETS	STA.	TO STA.	KANE	80	4
		CHECKED - M. MACK	REVISED -		CONTRACT NO. 63779								
		DATE - 6/17/2015	REVISED -		ILLINOIS FED. AID PROJECT								

SP	CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	TOTAL QUANTITY	ROADWAY_0004	SAFETY_0021	LANDSCAPING_0031
					PARTICIPATING 80% FEDERAL / 20% LOCAL	PARTICIPATING 80% FEDERAL / 20% KANE COUNTY	NON-PARTICIPATING 100% LOCAL
	67100100	MOBILIZATION	L SUM	1	1		
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	105	105		
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12		
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	6,887	6,887		
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	27,295	27,295		
	70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	14,873	14,873		
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,152	1,152		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,316	1,316		
	70600235	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	4	4		
	70600320	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	3	3		
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	13	13		
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2		
	72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	5	5		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7,263	7,263		
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	211	211		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	76	76		
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	156	156		
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4,046	4,046		
*	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	725	725		
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	217	217		
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	98	98		
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	148	148		
*	78300100	PAVEMENT MARKING REMOVAL	SO FT	1,600	1,600		
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1	
* Δ	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1	
*	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	40		40	
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	300		300	
*	81603060	UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.10 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2,470		2,470	

* DENOTES SPECIALTY ITEM

Δ DENOTES SPECIAL PROVISION

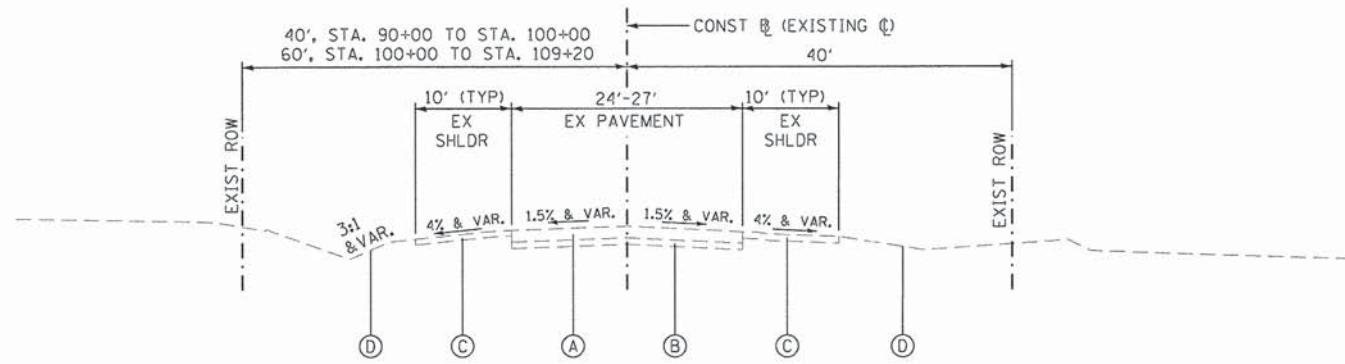
FILE NAME = 66343_soa3.dgn	USER NAME = mkbarr	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,000' / in.	CHECKED - M. MACK	REVISED -					326	07-00357-00-CH	KANE	80	5
PLOT DATE = 6/23/2015	DATE - 6/17/2015	REVISED -	SCALE: NONE		SHEET 3	OF 4	SHEETS	STA.	TO STA.	CONTRACT NO. 63779		
ILLINOIS FED. AID PROJECT												

SP	CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	TOTAL QUANTITY	ROADWAY_0004	SAFETY_0021	LANDSCAPING_0031
					PARTICIPATING 80% FEDERAL / 20% LOCAL	PARTICIPATING 80% FEDERAL / 20% KANE COUNTY	NON-PARTICIPATING 100% LOCAL
*	81603111	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1,780		1,780	
*	81702415	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6	FOOT	70		70	
*	82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	16		16	
*	83050810	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	16		16	
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	152		152	
*	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	16		16	
* Δ	89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1		1	
*	A2C049G5	TREE, QUERCUS ALBA (WHITE OAK), CONTAINER GROWN, 5-GALLON	EACH	3	3		
*	C2003724	SHRUB, HYPERICUM KALMIANUM (KALM ST. JOHNSWORT), 2' HEIGHT, BALLED AND BURLAPPED	EACH	19			19
*	C2005824	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 2' WIDTH, BALLED AND BURLAPPED	EACH	10			10
*	C2C06026	SHRUB, RHUS TYPHINA TIGER EYES, (TIGER EYES CUTLEAF STAGHORN SUMAC), 24" HEIGHT, CONTAINER	EACH	10			10
*	C2012748	SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 4' HEIGHT, BALLED AND BURLAPPED	EACH	3			3
*	K0013020	PERENNIAL PLANTS, PRAIRIE TYPE, GALLON POT	UNIT	5.1			5.1
* Δ	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	13	13.0		
Δ	X4830041	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2" (SPECIAL)	SO YD	373	373		
Δ	X6022712	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	2	2		
Δ	X6060078	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (SPECIAL)	FOOT	1,948.0	1,948.0		
Δ	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1.0		
Δ	X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1,044	1,044		
Δ	X7010410	SPEED DISPLAY TRAILER	CAL MO	2	2		
* Δ	X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1		1	
Δ	Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SO YD	158	158		
Δ	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1.0		
Δ	Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	100	100		
* Δ	Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	16		16	
Δ	Z0076600	TRAINEES	HOUR	500	500		
Δ	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500		

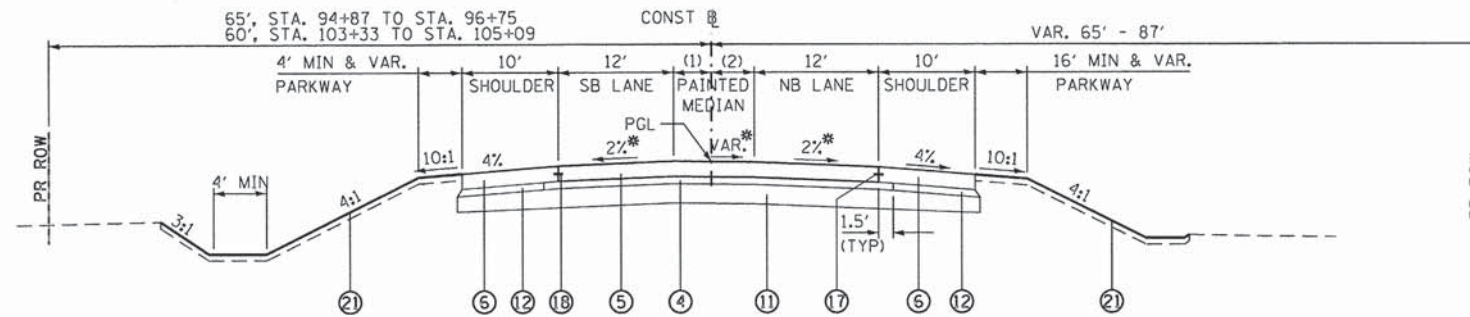
NOTE: CONSTRUCTION CODE FOR "TRAINEES" AND "TRAINEES TRAINING PROGRAM GRADUATE" IS 0042.

* DENOTES SPECIALTY ITEM
Δ DENOTES SPECIAL PROVISION

FILE NAME = 66343.sqa4.dgn	USER NAME = mpapirnik	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 6
PLOT SCALE = 50.0000' / in.	CHECKED - M. MACK	DATE - 6/17/2015	REVISED -					SCALE: NONE	SHEET 4	OF 4	SHEETS	STA. TO STA.
PLOT DATE = 6/23/2015	DATE - 6/17/2015	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							



EXISTING TYPICAL SECTION #1
STA. 90+80.61 TO STA. 108+34.09, ILLINOIS ROUTE 47



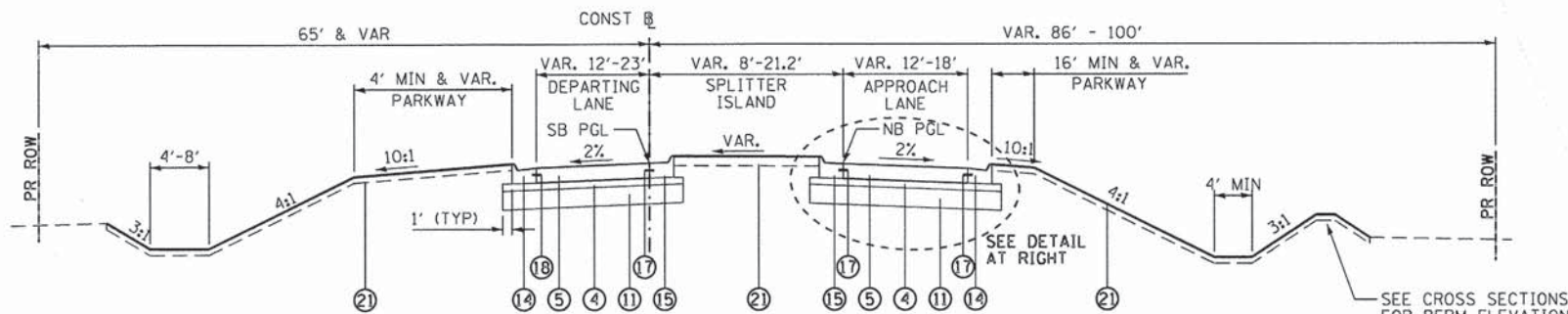
PROPOSED TYPICAL SECTION #1

(1) 0', STA. 94+87.14 TO STA. 96+66.30
VAR. 11' TO 0', STA. 103+41.39 TO STA. 105+09.15

ILLINOIS ROUTE 47:
STA. 94+87.14 TO STA. 96+66.61
STA. 103+41.39 TO STA. 105+09.15

(2) VAR. 0' TO 11', STA. 94+87.14 TO STA. 96+74.56
0', STA. 103+41.39 TO STA. 105+09.15

* REFER TO SUPERELEVATION TABLE ON SHEET 19 FOR SUPERELEVATION TRANSITION BETWEEN STA. 103+18.00 AND STA. 105+09.15



PROPOSED TYPICAL SECTION #2
STA. 96+66.61 TO STA. 99+22.43, ILLINOIS ROUTE 47

ILLINOIS ROUTE 47, STA 99+22.43 TO STA 100+77.57:
OMITTED (CIRCULATING ROADWAY), REFER TO CIRCULATING ROADWAY TYPICAL SECTIONS ON SHEET 10.

EXISTING LEGEND

- (A) EXISTING COMPOSITE PAVEMENT, 8" & VARIES
- (B) EXISTING AGGREGATE SUBBASE, 6" & VARIES
- (C) EXISTING AGGREGATE SHOULDER
- (D) EXISTING UNSUITABLE MATERIAL (TOPSOIL, 10" DEPTH TYP.)

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (2) LEVELING BINDER (MACHINE METHOD), N70
- (3) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
- (4) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- (5) PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED)
- (6) PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- (7) HOT-MIX ASPHALT SHOULDERS, 6"
- (8) CONCRETE PAVER PAVEMENT
- (9) AGGREGATE SHOULDERS, TYPE A 8"
- (11) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (12) SUBBASE GRANULAR MATERIAL, TYPE B 4 1/2"
- (13) CONCRETE CURB, TYPE B
- (14) COMB. CONCRETE CURB AND GUTTER, TYPE M-4.24
- (15) COMB. CONCRETE CURB AND GUTTER, TYPE M-4.24 (SPECIAL)
- (16) COMB. CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)
- (17) LONGITUDINAL CONSTRUCTION JOINT, NO. 6 x 24" C-C, EPOXY COATED DEFORMED TIE BARS, POURED IN PLACE (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT)
- (18) LONGITUDINAL CONSTRUCTION JOINT, NO. 6 x 24" C-C, EPOXY COATED DEFORMED TIE BARS, DRILLED & GROUTED IN PLACE (INCLUDED IN THE COST OF PCC SHOULDER OR CURB & GUTTER)
- (21) TOPSOIL FURNISH AND PLACE, 4 INCH
- (22) TOPSOIL FURNISH AND PLACE, 24 INCH

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

ITEM	VOIDS
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm) 1 1/2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8" (IN 3 LIFTS)	4% @ 70 GYR.
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm) 1 1/2"	4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD), N70 (IL-9.5mm), 3/4" & VARIES	4% @ 70 GYR.
STABILIZED SUBBASE	
STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	3% @ 50 GYR.
HMA SHOULDER PAVEMENT	
HMA SHOULDER (HMA BINDER IL-19mm) SURFACE MIX TYPE SAME AS RESURFACING	4% @ 70 GYR.
TEMPORARY WIDENING & RUNAROUND PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm) 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4 1/2" (IN 2 LIFTS)	4% @ 50 GYR.
PAVEMENT PATCHING	
CLASS D PATCHES, TYPE III AND IV HMA BINDER IL-19mm, 8" (IN 3 LIFTS)	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SY-IN.

THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE SBS/SBR PG 76-22 AND FOR NON-POLYMERIZED HMA THE AC TYPE SHALL BE PG 64-22 UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

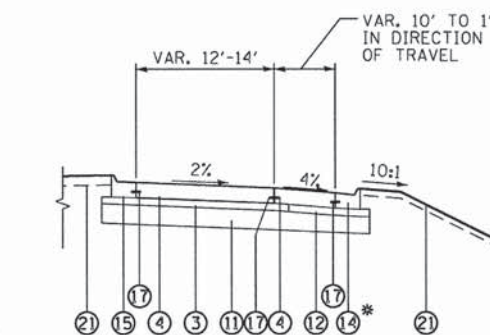
FOR PERCENT OF RAP, SEE DISTRICT ONE SPECIAL PROVISIONS.

PAVEMENT PATCHES ARE TO BE INSTALLED AT BOX CULVERT REPLACEMENT SITES AND AS OTHERWISE DIRECTED BY THE ENGINEER.

NOTES:

REFER TO COMBINATION CURB AND GUTTER, TYPE M (MODIFIED) DETAILS ON BURLINGTON TYPICAL SECTION SHEET 10.

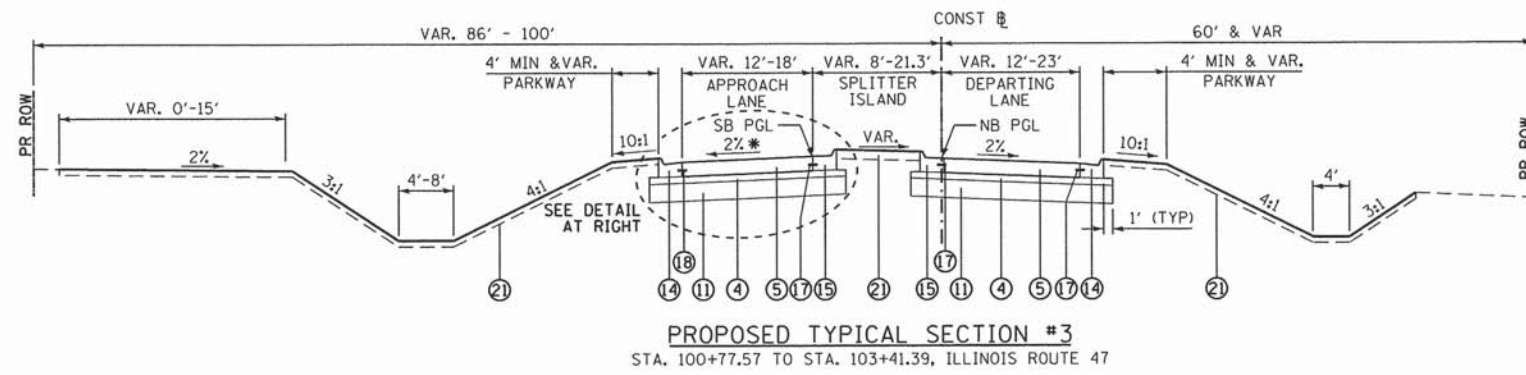
REFER TO CROSS SECTION SHEETS FOR SPECIFIC DITCH GRADING.



NORTHBOUND APPROACH LANE WITH SHOULDER TAPER

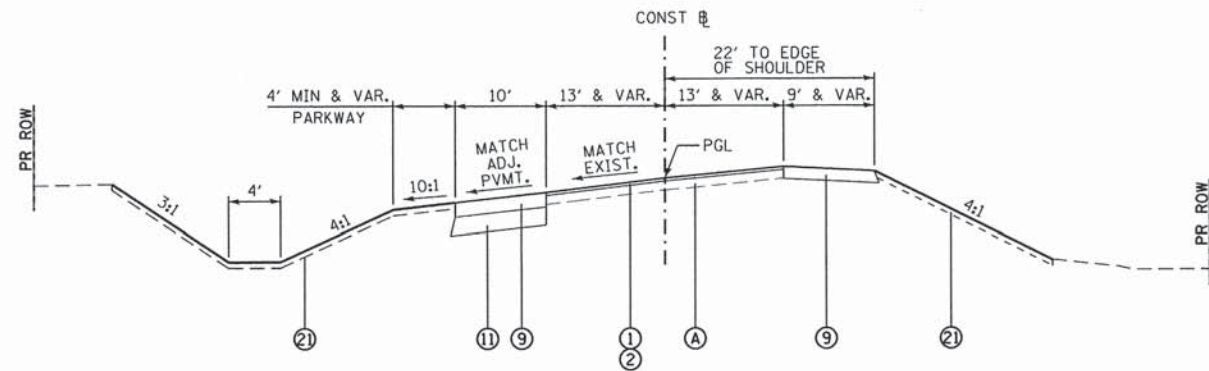
STA. 96+72.02 TO 97+68.70

* GUTTER OUTLET, STA. 96+72.02 TO STA. 96+96.11 REFER TO PLANS.

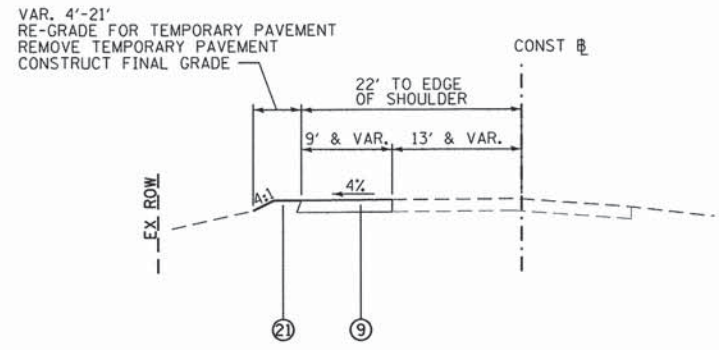


PROPOSED TYPICAL SECTION #3
 STA. 100+77.57 TO STA. 103+41.39, ILLINOIS ROUTE 47

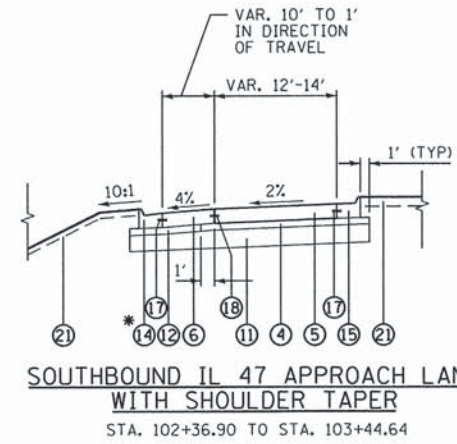
* VAR. 2.0% - 2.6%
 STA. 103+18.05 TO STA. 103+40.90



PROPOSED TYPICAL SECTION #4
 STA. 105+09.15 TO STA. 106+30.00, ILLINOIS ROUTE 47



PROPOSED TYPICAL SECTION #5
 STA. 90+80.61 TO STA. 94+87.14, ILLINOIS ROUTE 47
 STA. 106+30.00 TO STA. 108+34.09, ILLINOIS ROUTE 47



SOUTHBOUND IL 47 APPROACH LANE WITH SHOULDER TAPER
 STA. 102+36.90 TO STA. 103+44.64

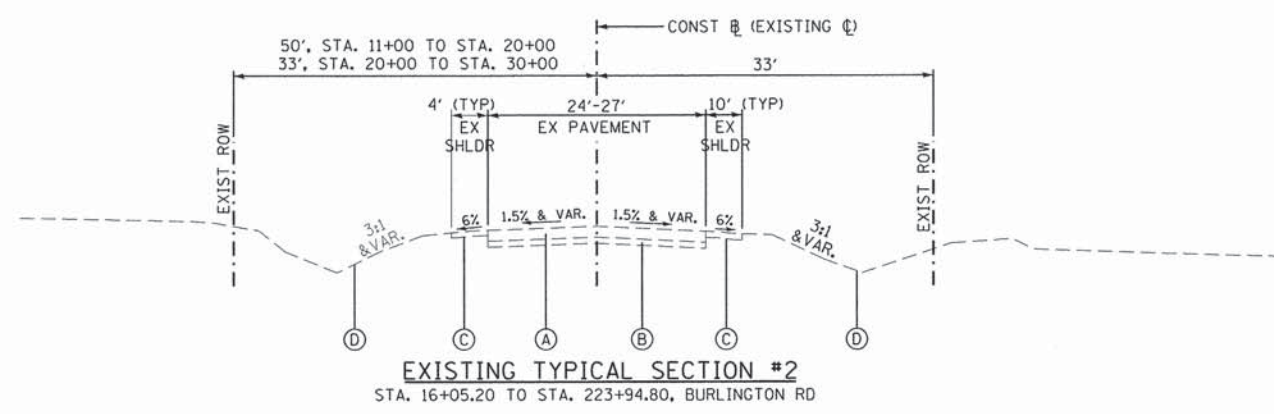
* GUTTER OUTLET,
 STA. 103+20.54 TO STA. 103+44.64
 REFER TO PLANS.

NOTES:
 REFER TO COMBINATION CURB AND GUTTER, TYPE M (MODIFIED) DETAILS ON BURLINGTON TYPICAL SECTION SHEET 10.
 REFER TO CROSS SECTION SHEETS FOR SPECIFIC DITCH GRADING.

- EXISTING LEGEND**
- (A) EXISTING COMPOSITE PAVEMENT, 8" & VARIES
 - (B) EXISTING AGGREGATE SUBBASE, 6" & VARIES
 - (C) EXISTING AGGREGATE SHOULDER
 - (D) EXISTING UNSUITABLE MATERIAL (TOPSOIL, 10" DEPTH TYP.)

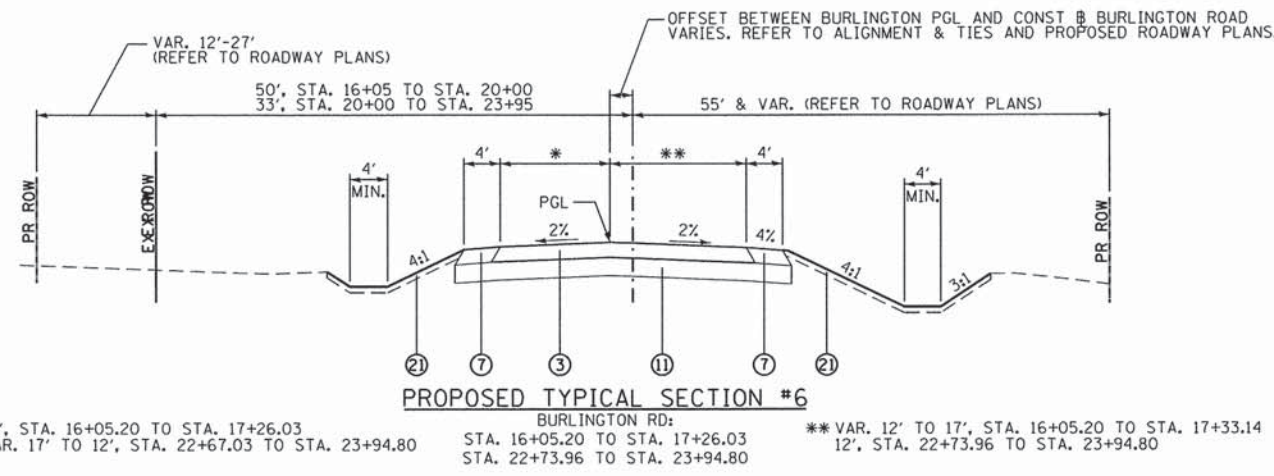
- PROPOSED LEGEND**
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
 - (2) LEVELING BINDER (MACHINE METHOD), N70
 - (3) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
 - (4) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
 - (5) PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED)
 - (6) PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
 - (7) HOT-MIX ASPHALT SHOULDERS, 6"
 - (8) CONCRETE PAVER PAVEMENT
 - (9) AGGREGATE SHOULDERS, TYPE A 8"
 - (11) AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - (12) SUBBASE GRANULAR MATERIAL, TYPE B 4 1/2"
 - (13) CONCRETE CURB, TYPE B
 - (14) COMB. CONCRETE CURB AND GUTTER, TYPE M-4.24
 - (15) COMB. CONCRETE CURB AND GUTTER, TYPE M-4.24 (SPECIAL)
 - (16) COMB. CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)
 - (17) LONGITUDINAL CONSTRUCTION JOINT, NO. 6 x 24" C-C, EPOXY COATED DEFORMED TIE BARS, POURED IN PLACE (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT)
 - (18) LONGITUDINAL CONSTRUCTION JOINT, NO. 6 x 24" C-C, EPOXY COATED DEFORMED TIE BARS, DRILLED & GROUTED IN PLACE (INCLUDED IN THE COST OF PCC SHOULDER OR CURB & GUTTER)
 - (21) TOPSOIL FURNISH AND PLACE, 4 INCH

FILE NAME = 66343_prtyp47.2.dgn	USER NAME = mpapirnik	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS - IL 47		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 20,000' / 1" =	DRAWN - JIR	REVISED -		SCALE: NONE	SHEET 2	OF 4 SHEETS	STA.	TO STA.	326	07-00357-00-CH	KANE
PLOT DATE = 6/22/2015	CHECKED - MAP	DATE - 6/17/2015	REVISED -							CONTRACT NO. 63779		
											ILLINOIS FED. AID PROJECT	

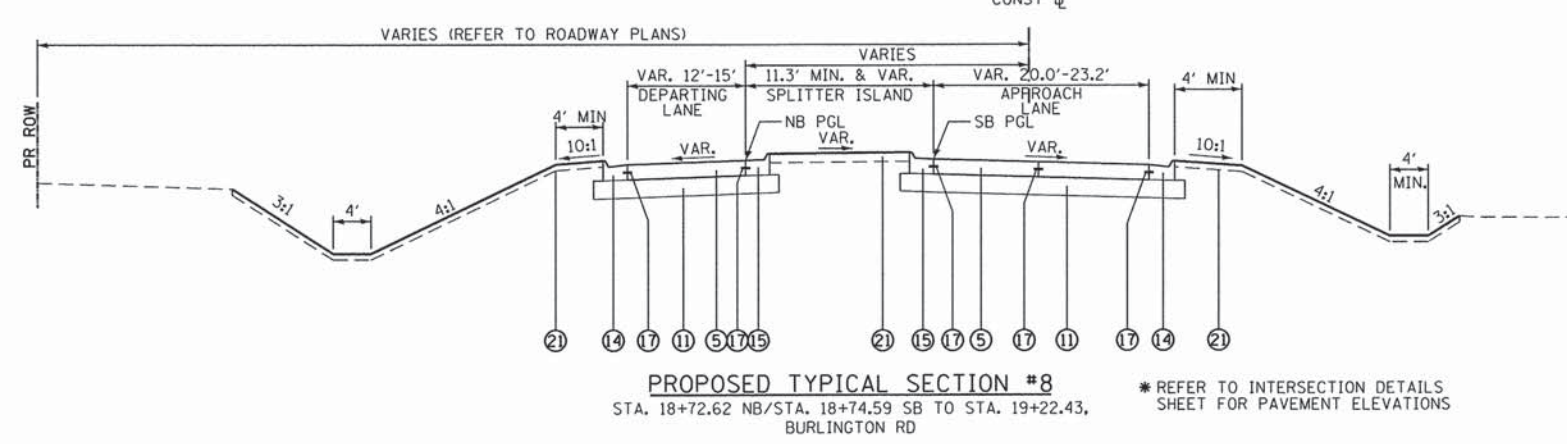
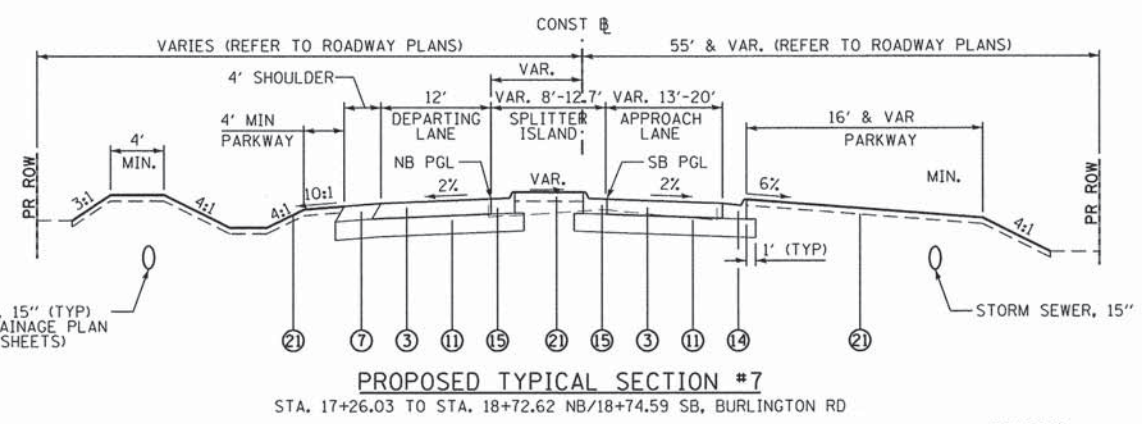


- EXISTING LEGEND**
- (A) EXISTING COMPOSITE PAVEMENT, 8" & VARIES
 - (B) EXISTING AGGREGATE SUBBASE, 6" & VARIES
 - (C) EXISTING AGGREGATE SHOULDER
 - (D) EXISTING UNSUITABLE MATERIAL (TOPSOIL, 10" DEPTH TYP.)

- PROPOSED LEGEND**
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
 - (2) LEVELING BINDER (MACHINE METHOD), N70
 - (3) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
 - (4) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
 - (5) PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED)
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 - (7) HOT-MIX ASPHALT SHOULDERS, 6"
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 - (9) AGGREGATE SHOULDERS, TYPE A 8"
 - (11) AGGREGATE SUBGRADE IMPROVEMENT, 12"
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 - (14) COMB. CONCRETE CURB AND GUTTER, TYPE M-4.24
 - (15) COMB. CONCRETE CURB AND GUTTER, TYPE M-4.24 (SPECIAL)
 - (16) COMB. CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)
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 - (18) LONGITUDINAL CONSTRUCTION JOINT, NO. 6 x 24" C-C, EPOXY COATED DEFORMED TIE BARS, DRILLED & GROUTED IN PLACE (INCLUDED IN THE COST OF PCC SHOULDER OR CURB & GUTTER)
 - (21) TOPSOIL FURNISH AND PLACE, 4 INCH
 - (22) TOPSOIL FURNISH AND PLACE, 24 INCH



NOTES:
 REFER TO COMBINATION CURB AND GUTTER, TYPE M (MODIFIED) DETAILS ON BURLINGTON TYPICAL SECTION SHEET 10.
 REFER TO CROSS SECTION SHEETS FOR SPECIFIC DITCH GRADING.



BURLINGTON RD, STA 19+22.43 TO STA 20+77.57:
 OMITTED (CIRCULATING ROADWAY). REFER TO CIRCULATING ROADWAY TYPICAL SECTIONS ON SHEET 10.

FILE NAME = 66343_prtypbur_1.dgn	USER NAME = mpopirnik	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS-BURLINGTON RD				F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 9
PLOT SCALE = 20,000' / 1" =	CHECKED - MAP	DATE - 6/17/2015	REVISED -		SCALE: NONE	SHEET 3	OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 63779				
PLOT DATE = 6/22/2015	DRAWN - JIR		REVISED -		ILLINOIS FED. AID PROJECT								
			REVISED -										

LOCATION	UNDERCUT AND AGGREGATE SUBGRADE IMPROVEMENT (CY)	UNSUITABLE EXCAVATION (TOPSOIL) (CY)	BERM PLACEMENT (CY)	TOPSOIL PLACEMENT (CY)	EARTH EXCAVATION (CY)	x • 0.85 EXCAVATION TO BE USED FOR EMBANKMENT (adj.)	EMBANKMENT REQUIRED (CY)	EXCAVATION BALANCE WASTE (+) / SHORTAGE (-)
STAGE 1 CONSTRUCTION								
RUNAROUND SW OF BURLINGTON	50	630	0	0	377	321	863	-542
RUNAROUND NE OF BURLINGTON	75	1127	0	0	1326	1127	438	689
STAGE 1 TOTAL	125	1757	0	0	1703	1448	1301	147
STAGE 2 CONSTRUCTION								
IL 47, 91+00 TO 99+00	125	328	436	404	578	491	441	50
CENTER CIRCLE	0	287	266	406	100	85	674	-589
IL 47, 101+00 TO 108+00	125	164	283	230	514	437	345	91
BURLINGTON RD, 21+00 TO 25+00	50	425	0	253	898	763	630	133
STAGE 2 TOTAL	300	1205	985	1293	2090	1777	2090	-314
STAGE 3 CONSTRUCTION								
IL 47, 91+00 TO 99+00	125	0	0	0	384	326	43	284
CENTER CIRCLE	0	0	178	240	0	0	38	-38
IL 47, 101+00 TO 108+00	125	0	0	0	274	233	130	103
STAGE 3 TOTAL	250	0	178	240	658	559	210	349
STAGE 4 CONSTRUCTION								
IL 47, 91+00 TO 99+00	0	46	251	296	473	402	226	176
CENTER CIRCLE	0	0	267	251	213	181	153	28
IL 47, 101+00 TO 108+00	0	0	242	371	1108	942	481	461
BURLINGTON RD, 15+00 TO 19+00	50	389	0	221	563	478	829	-350
STAGE 4 TOTAL	50	435	760	1140	2357	2003	1688	315
TOTALS	725	3396	1923	2673	6810	5786	5289	497

"BERM PLACEMENT" NOTES

THE SITE IS DESIGNED TO RETAIN ALL EXCAVATION, REMOVED TOPSOIL AND UNDERCUT IF POSSIBLE. DESIGNATED BERMS INDICATED ON THE PLANS AND SUMMARIZED IN THE TABLE ABOVE ARE PROVIDED TO STORE EXCESS MATERIAL. REFER TO THE LANDSCAPING PLANS FOR BERM LOCATIONS, AND TO THE CROSS SECTIONS FOR PROPOSED SLOPES AND TOP-OF-BERM ELEVATIONS.

(UNDERCUT + UNSUITABLE EXCAVATION) - (BERM PLACEMENT + TOPSOIL PLACEMENT),
PROJECT-WIDE: -475 CY (SHORTAGE)

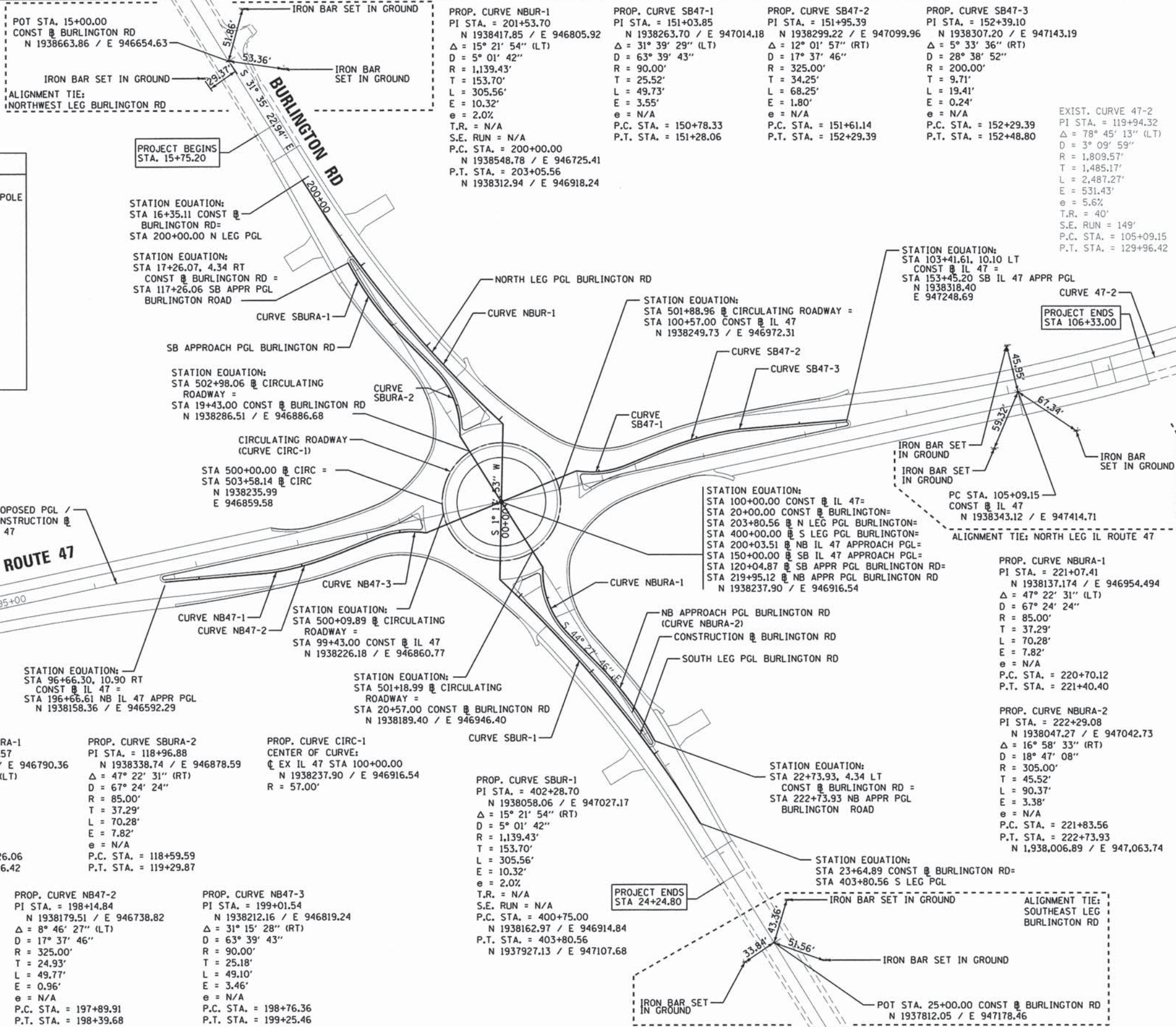
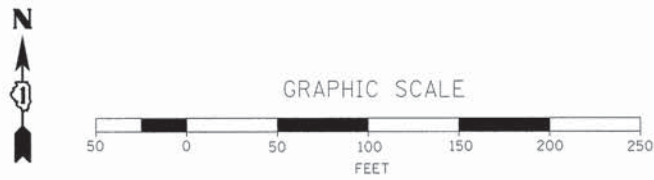
NET EXCAVATION, PROJECT-WIDE: 497 CY (WASTE)

FILE NAME = 66343_sch1.dgn	USER NAME = mpapirnik	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EARTHWORK SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN - MAP	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	326	07-00357-00-CH	KANE	80	11
		PLOT SCALE = 58.0000' / 1" =	CHECKED - MMACK		REVISED -					CONTRACT NO. 63779					
		PLOT DATE = 6/22/2015	DATE - 6/17/2015	REVISED -					ILLINOIS FED. AID PROJECT						

AREA BENCHMARK / PROJECT DATUM:
PROJECT ELEVATION CONTROL WAS SET USING NATIONAL GEODETIC SURVEY MONUMENTS NHO214 AND NH2018.

BENCHMARK:
NORTHWEST CORNER OF IL47/BURLINGTON RD TRAFFIC SIGNAL CONTROL PAD
EL: 1003.69

CONTROL	NORTHING	EASTING	DESCRIPTION
CP11	1938203.839	947000.679	IR, EAST QUADRANT OF INTERSECTION, SOUTH SIDE OF IL47, 10'± EAST OF POWER POLE
CP16	1938033.836	945848.101	IR, WEST LEG OF INTERSECTION, NEXT TO THE CEMETARY ENTRANCE
CP36	1937714.281	947241.751	MAGNAIL, 616' SOUTH OF INTERSECTION, NEAR CENTERLINE OF BURLINGTON ROAD
CP70	1939040.664	946459.256	IR, NORTH LEG OF INTERSECTION, NORTHEAST QUADRANT OF BURLINGTON AND MCDONALD
CP71	1938202.795	946867.575	IR, WEST QUADRANT OF INTERSECTION, SOUTH SIDE OF IL47 BY STOP SIGN
CP73	1938491.335	947780.665	IR, EAST LEG OF INTERSECTION, NORTH SIDE OF IL47, APPROX. 20' SOUTH OF FENCE CORNER



PROP. CURVE NBUR-1
PI STA. = 201+53.70
N 1938417.85 / E 946805.92
Δ = 15° 21' 54" (LT)
D = 5° 01' 42"
R = 1,139.43'
T = 153.70'
L = 305.56'
E = 10.32'
e = 2.02'
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 200+00.00
N 1938548.78 / E 946725.41
P.T. STA. = 203+05.56
N 1938312.94 / E 946918.24

PROP. CURVE SB47-1
PI STA. = 151+03.85
N 1938263.70 / E 947014.18
Δ = 31° 39' 29" (LT)
D = 63° 39' 43"
R = 90.00'
T = 25.52'
L = 49.73'
E = 3.55'
e = N/A
P.C. STA. = 150+78.33
P.T. STA. = 151+28.06

PROP. CURVE SB47-2
PI STA. = 151+95.39
N 1938299.22 / E 947099.96
Δ = 12° 01' 57" (RT)
D = 17° 37' 46"
R = 325.00'
T = 34.25'
L = 68.25'
E = 1.80'
e = N/A
P.C. STA. = 151+61.14
P.T. STA. = 152+29.39

PROP. CURVE SB47-3
PI STA. = 152+39.10
N 1938307.20 / E 947143.19
Δ = 5° 33' 36" (RT)
D = 28° 38' 52"
R = 200.00'
T = 9.71'
L = 19.41'
E = 0.24'
e = N/A
P.C. STA. = 152+29.39
P.T. STA. = 152+48.80

EXIST. CURVE 47-2
PI STA. = 119+94.32
Δ = 78° 45' 13" (LT)
D = 3° 09' 59"
R = 1,809.57'
T = 1,485.17'
L = 2,487.27'
E = 531.43'
e = 5.6%
T.R. = 40'
S.E. RUN = 149'
P.C. STA. = 105+09.15
P.T. STA. = 129+96.42

PT STA. 91+52.53 CONST @ IL 47
N 1938062.90 / E 946087.35

PROP. CURVE 47-1
PI STA. = 83+61.93
Δ = 78° 05' 04" (RT)
D = 3° 59' 57"
R = 1,432.70'
T = 1,161.92'
L = 1,952.52'
E = 411.94'
e = 6.0%
T.R. = 40'
S.E. RUN = 160'
P.C. STA. = 72+00.00
P.T. STA. = 91+52.53

ALIGNMENT TIE:
SOUTH LEG IL ROUTE 47

PROP. CURVE SBURA-1
PI STA. = 117+71.57
N 1938428.64 / E 946790.36
Δ = 16° 58' 33" (LT)
D = 18° 47' 08"
R = 305.00'
T = 45.52'
L = 90.37'
E = 3.38'
e = N/A
P.C. STA. = 117+26.06
P.T. STA. = 118+16.42

PROP. CURVE SBURA-2
PI STA. = 118+96.88
N 1938338.74 / E 946878.59
Δ = 47° 22' 31" (RT)
D = 67° 24' 24"
R = 85.00'
T = 37.29'
L = 70.28'
E = 7.82'
e = N/A
P.C. STA. = 118+59.59
P.T. STA. = 119+29.87

PROP. CURVE CIRC-1
CENTER OF CURVE:
C EX IL 47 STA 100+00.00
N 1938237.90 / E 946916.54
R = 57.00'

PROP. CURVE NB47-1
PI STA. = 197+75.03
N 1938170.33 / E 946700.03
Δ = 8° 32' 22" (LT)
D = 28° 38' 52"
R = 200.00'
T = 14.93'
L = 29.81'
E = 0.56'
e = N/A
P.C. STA. = 197+60.10
P.T. STA. = 197+89.91

PROP. CURVE NB47-2
PI STA. = 198+14.84
N 1938179.51 / E 946738.82
Δ = 8° 46' 27" (LT)
D = 17° 37' 46"
R = 325.00'
T = 24.93'
L = 49.77'
E = 0.96'
e = N/A
P.C. STA. = 197+89.91
P.T. STA. = 198+39.68

PROP. CURVE NB47-3
PI STA. = 199+01.54
N 1938212.16 / E 946819.24
Δ = 31° 15' 28" (RT)
D = 63° 39' 43"
R = 90.00'
T = 25.18'
L = 49.10'
E = 3.46'
e = N/A
P.C. STA. = 198+76.36
P.T. STA. = 199+25.46

PROP. CURVE SBUR-1
PI STA. = 402+28.70
N 1938058.06 / E 947027.17
Δ = 15° 21' 54" (RT)
D = 5° 01' 42"
R = 1,139.43'
T = 153.70'
L = 305.56'
E = 10.32'
e = 2.02'
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 400+75.00
N 1938162.97 / E 946914.84
P.T. STA. = 403+80.56
N 1937927.13 / E 947107.68

STATION EQUATION:
STA 22+73.93, 4.34 LT
CONST @ BURLINGTON RD =
STA 222+73.93 NB APPR PGL
BURLINGTON ROAD

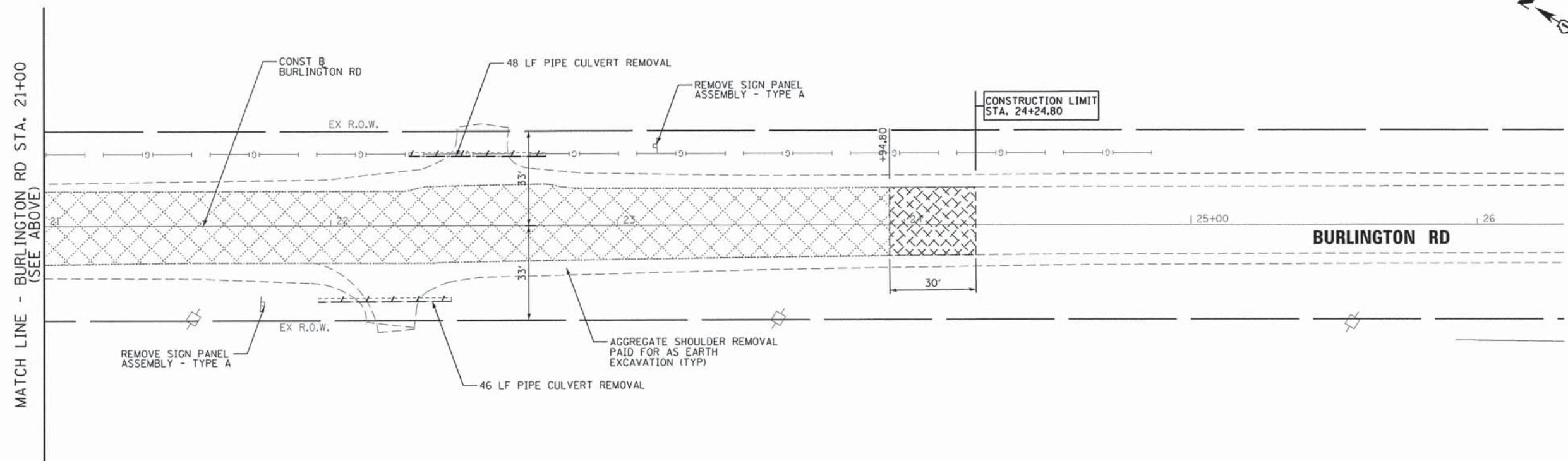
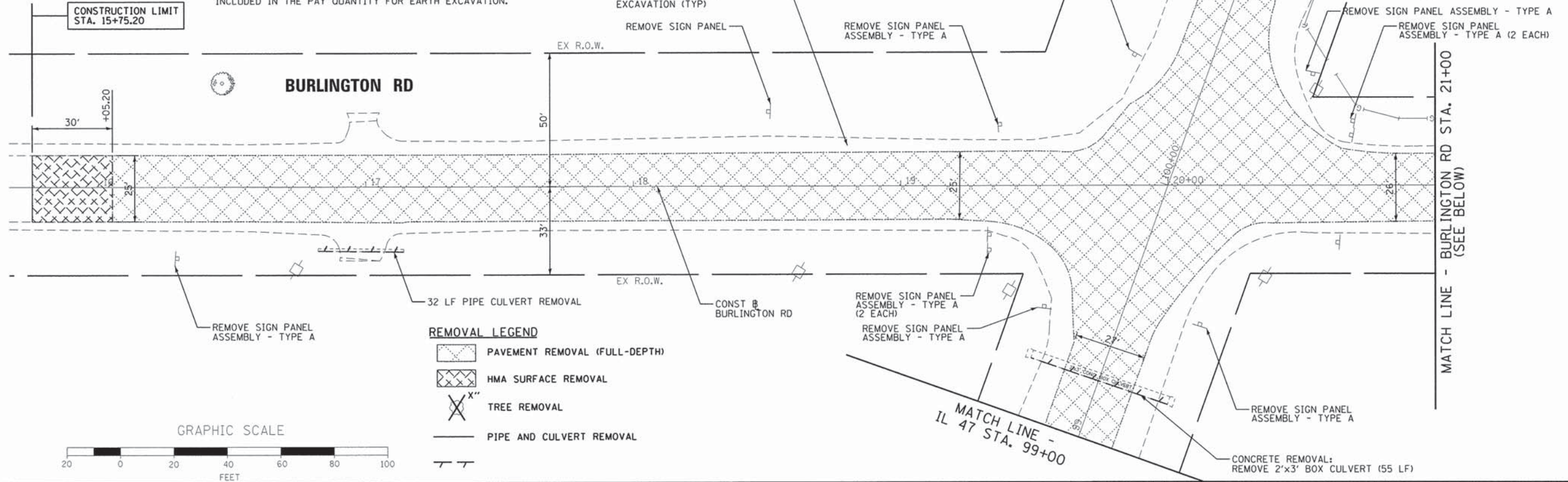
PROP. CURVE NBURA-2
PI STA. = 222+29.08
N 1938047.27 / E 947042.73
Δ = 16° 58' 33" (RT)
D = 18° 47' 08"
R = 305.00'
T = 45.52'
L = 90.37'
E = 3.38'
e = N/A
P.C. STA. = 221+83.56
P.T. STA. = 222+73.93
N 1,938,006.89 / E 947,063.74

NOTES

ALL SIGN PANELS ARE TYPE 1 UNLESS OTHERWISE NOTED. REFER TO PAVEMENT MARKING AND SIGNING PLANS FOR RELOCATION INFORMATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND PROPER DISPOSAL OF EXISTING ROADWAY SIGNS.

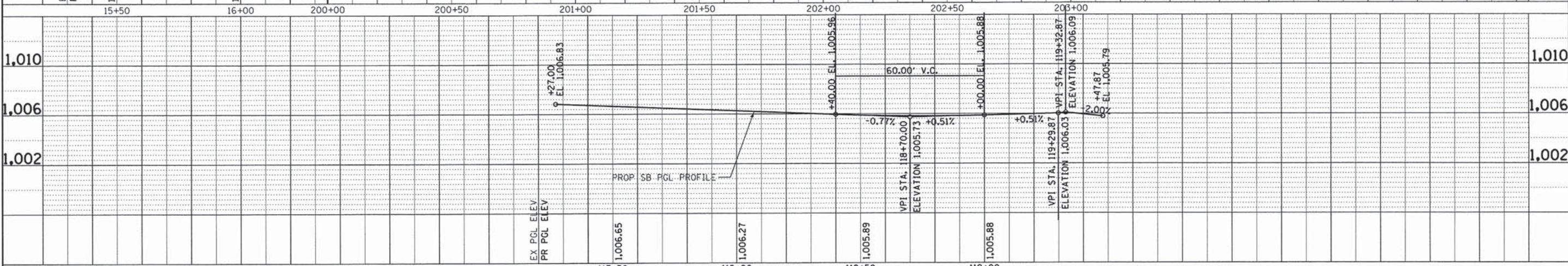
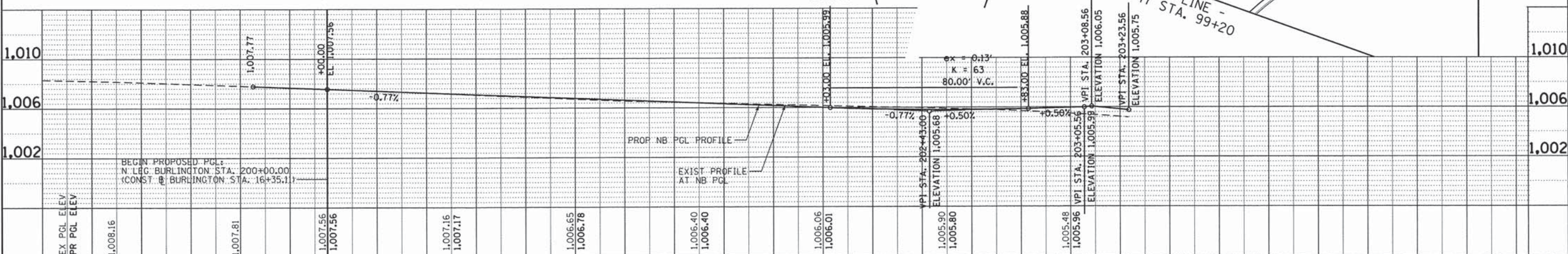
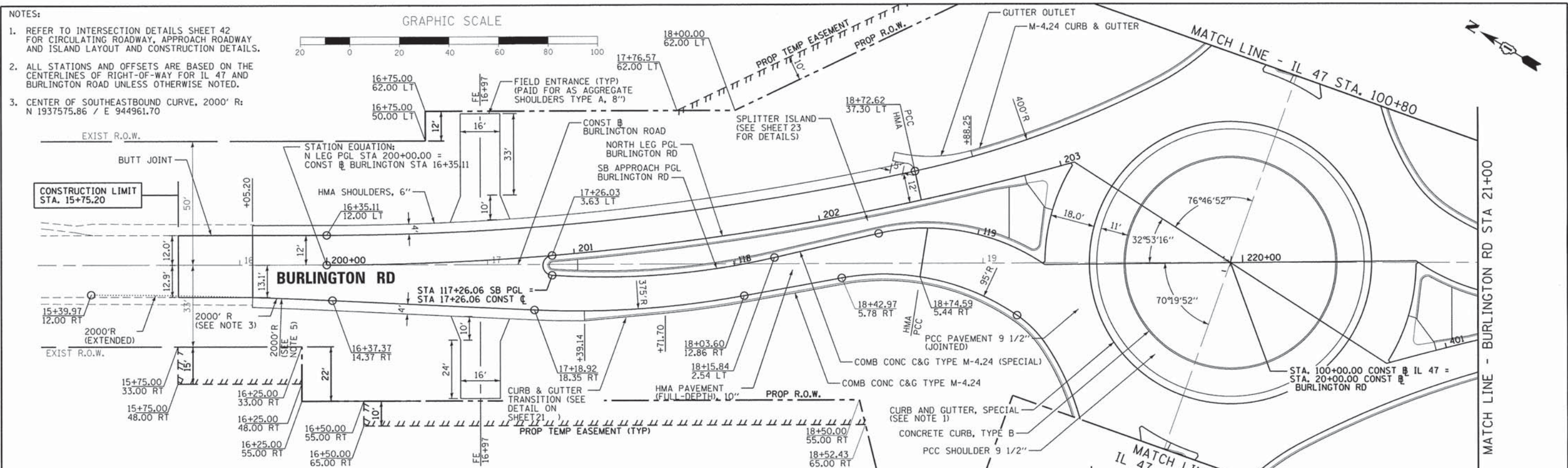
REMOVAL OF EXISTING AGGREGATE SHOULDERS SHALL BE INCLUDED IN THE PAY QUANTITY FOR EARTH EXCAVATION.



FILE NAME = 66343_rebur.dgn	USER NAME = mpapirnik	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN - BURLINGTON ROAD		F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 13	
PLOT SCALE = 20.0000" = 1'		DRAWN - JIR	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	CONTRACT NO. 63779		
PLOT DATE = 6/22/2015		CHECKED - MAP	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 6/17/2015	REVISED -									

NOTES:

- REFER TO INTERSECTION DETAILS SHEET 42 FOR CIRCULATING ROADWAY, APPROACH ROADWAY AND ISLAND LAYOUT AND CONSTRUCTION DETAILS.
- ALL STATIONS AND OFFSETS ARE BASED ON THE CENTERLINES OF RIGHT-OF-WAY FOR IL 47 AND BURLINGTON ROAD UNLESS OTHERWISE NOTED.
- CENTER OF SOUTHEASTBOUND CURVE, 2000' R: N 1937575.86 / E 944961.70



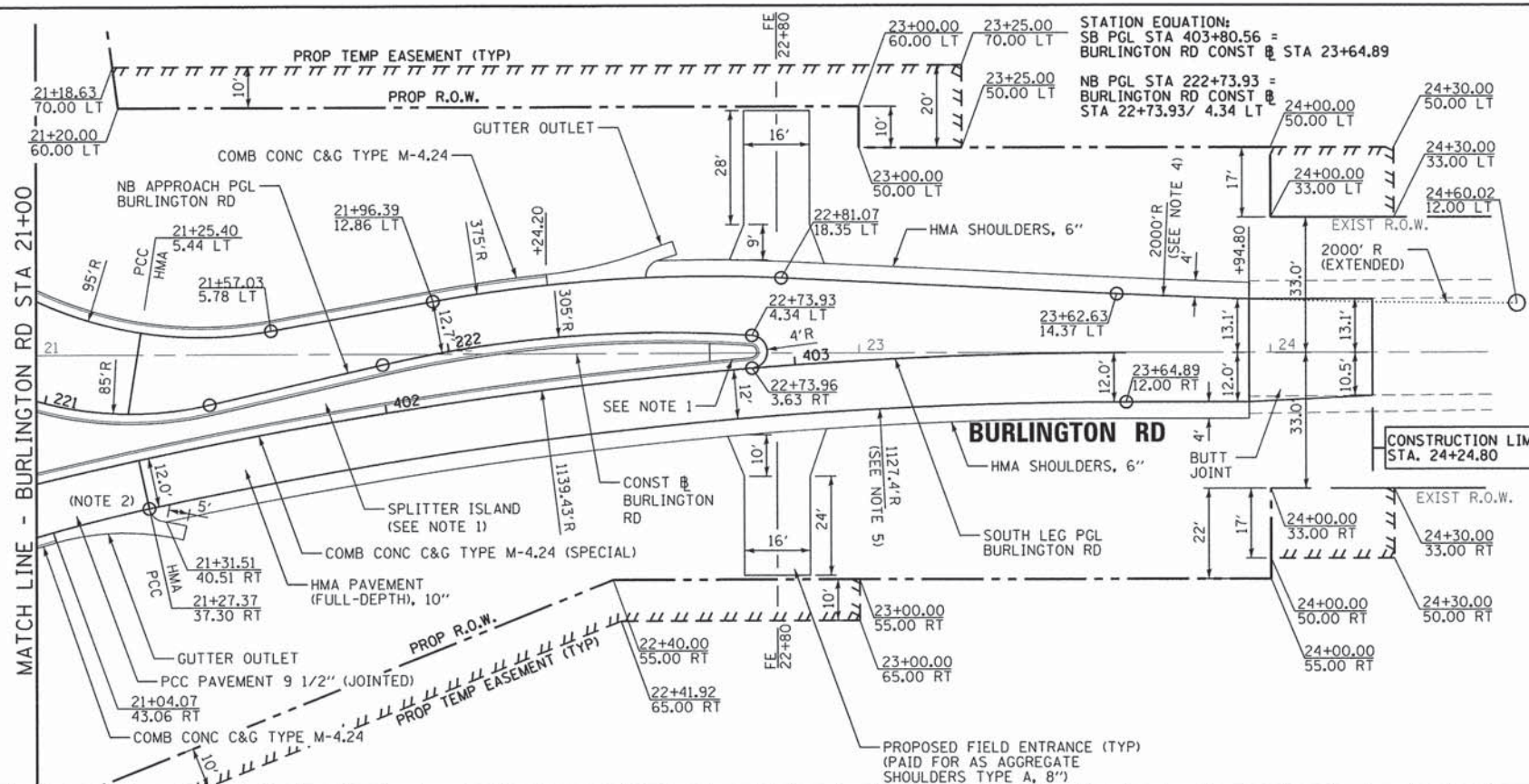
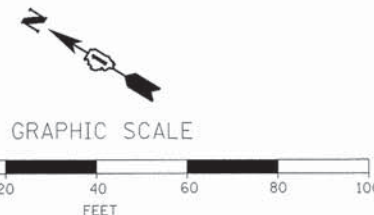
FILE NAME = 66343_ppbur1.dgn	USER NAME = mpepinrik	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - BURLINGTON ROAD	F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 15
SHT_1_PLAN 2 PROFILE	PLOT SCALE = 28,0000" / in.	CHECKED - MAP	REVISED -			SCALE: 1"=20'	SHEET 1 OF 2 SHEETS	STA. 15+00 TO STA. 21+00	CONTRACT NO. 63779 ILLINOIS FED. AID PROJECT	

NOTES:

1. REFER TO ROADWAY DETAILS SHEET 23 FOR SPLITTER ISLAND DETAILS.
2. REFER TO INTERSECTION DETAILS SHEETS FOR CIRCULATING ROADWAY, APPROACH ROADWAY AND CENTER ISLAND LAYOUT AND CONSTRUCTION DETAILS.
3. ALL STATIONS AND OFFSETS ARE BASED ON THE CENTERLINES OF RIGHT-OF-WAY FOR IL 47 AND BURLINGTON ROAD UNLESS OTHERWISE NOTED.
4. CENTER OF NORTHWESTBOUND CURVE, 2000' R: N 1938900.05 / E 948871.38
5. CENTER OF SOUTHEASTBOUND CURVE, 1127.4' R: N 1937330.26 / E 946137.09

NO.	DATE	BY

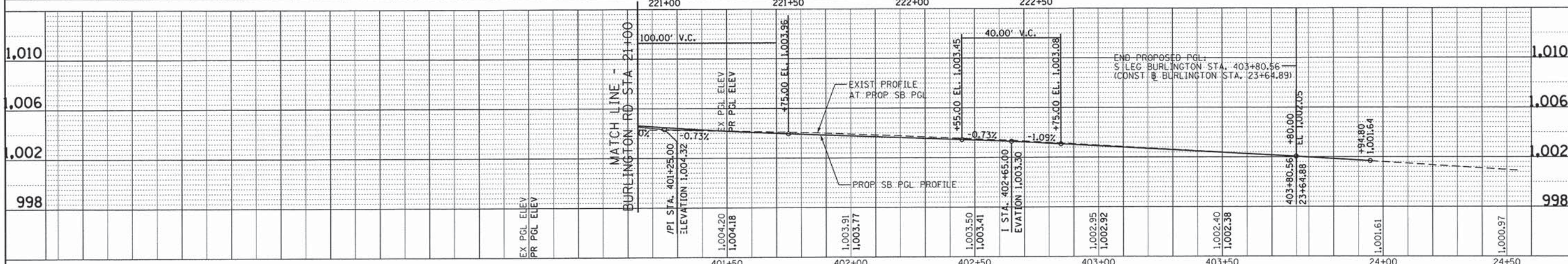
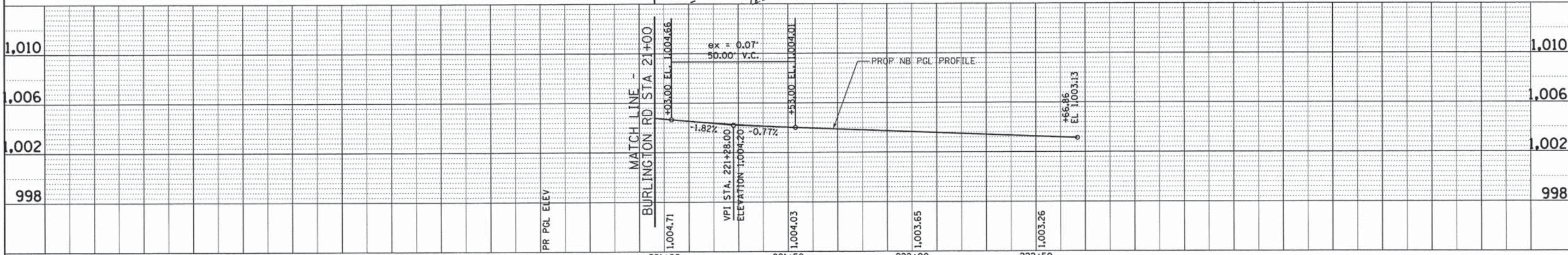
NO.	DATE	BY



STATION EQUATION:
SB PGL STA 403+80.56 =
BURLINGTON RD CONST @ STA 23+64.89
NB PGL STA 222+73.93 =
BURLINGTON RD CONST @
STA 22+73.93/ 4.34 LT

NO.	DATE	BY

NO.	DATE	BY



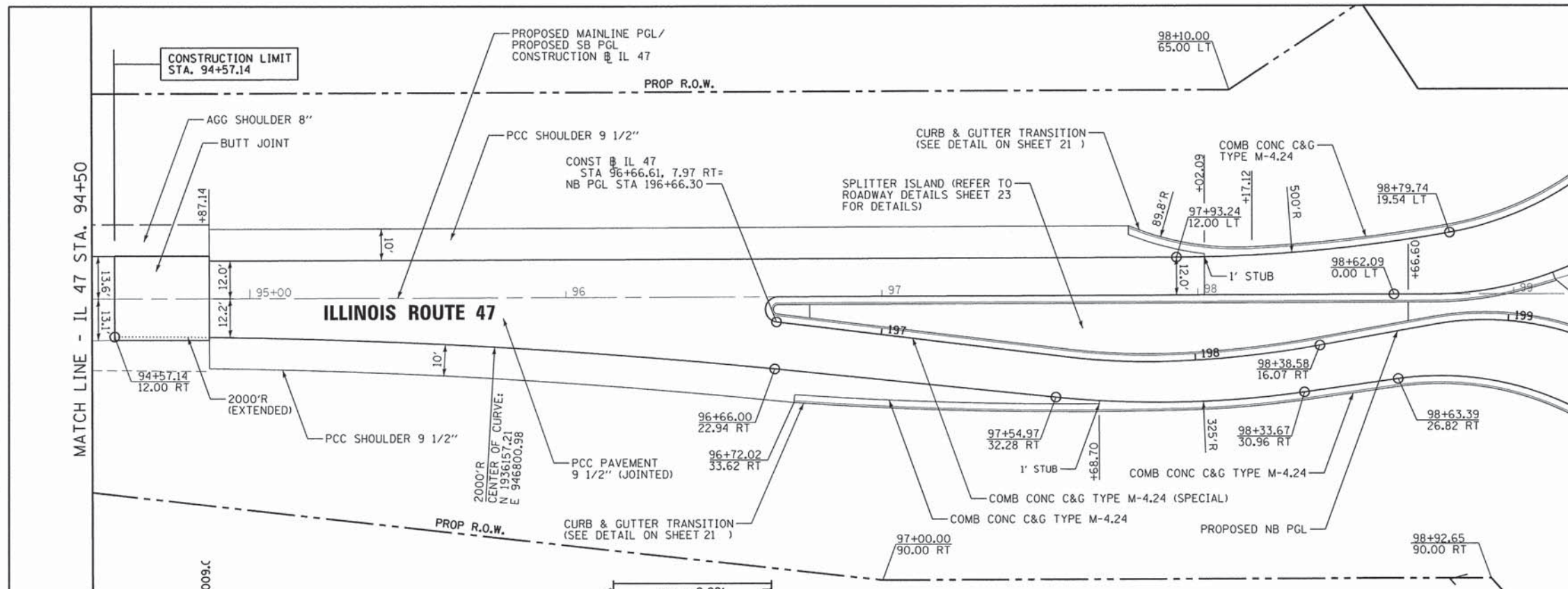
FILE NAME	USER NAME	DESIGNED	REVISED	SCALE	SHEET	OF	SHEETS	STA.	TO	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
66343_ppbur2.dgn	mpapirnik	MAP	-	1"=20'	2	OF	2	21+00	24+50	326	07-00357-00-CH	KANE	80	16
SHT_1 PLAN 2 PROFILE		MAP	-							CONTRACT NO. 63779				
		MAP	-							ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

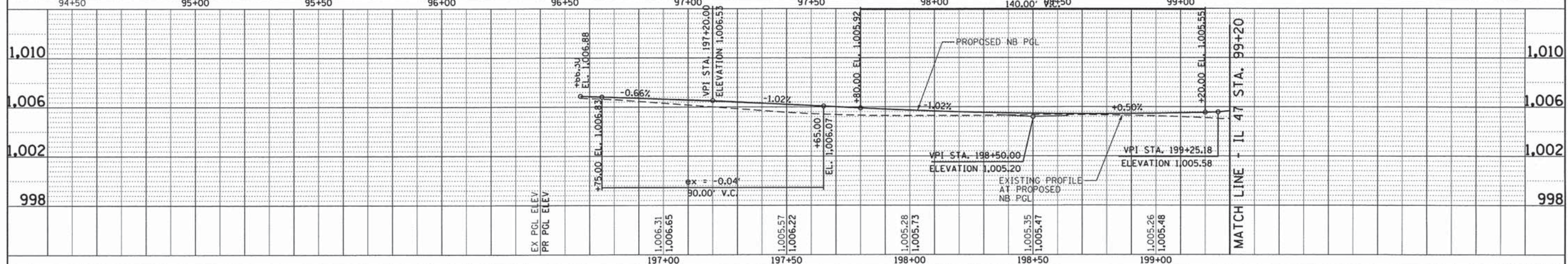
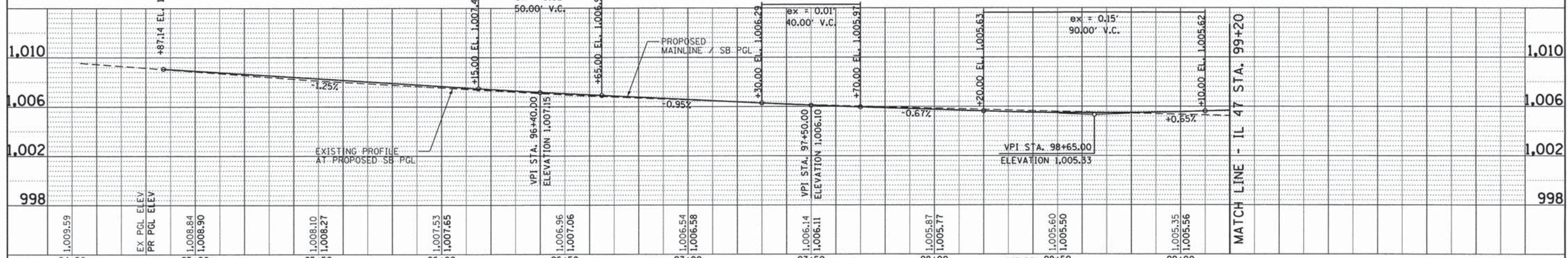
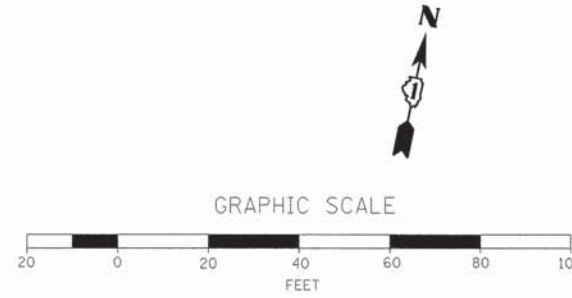
**PROPOSED PLAN AND PROFILE -
BURLINGTON ROAD**

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	



- NOTES:
- REFER TO INTERSECTION DETAILS SHEETS 42 AND 43 FOR CIRCULATING ROADWAY, APPROACH ROADWAY AND CENTER ISLAND LAYOUT AND CONSTRUCTION DETAILS.
 - ALL STATIONS AND OFFSETS ARE BASED ON THE CENTERLINES OF RIGHT-OF-WAY FOR IL 47 AND BURLINGTON ROAD UNLESS OTHERWISE NOTED.



FILE NAME = 66343_pp47_1.dgn	USER NAME = mppurnik	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE ILLINOIS ROUTE 47			F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 18
SHT..1 PLAN 2 PROFILE	PLLOT SCALE = 28.0000' / in.	DRAWN - JIR	REVISED -		SCALE: 1"=20'	SHEET 2 OF 4 SHEETS	STA. 94+50 TO STA. 99+50	CONTRACT NO. 63779		ILLINOIS FED. AID PROJECT		
	PLLOT DATE = 6/22/2015	CHECKED - MAP	REVISED -									
		DATE - 2/4/2013	REVISED -									

NOTES:

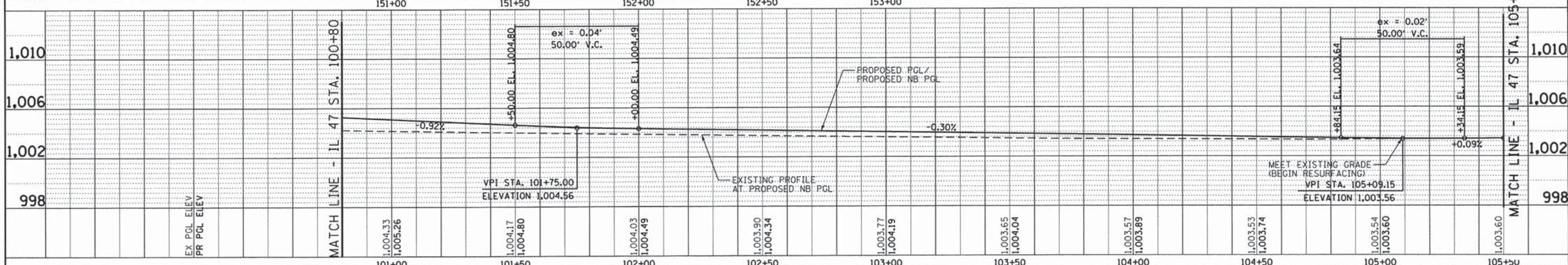
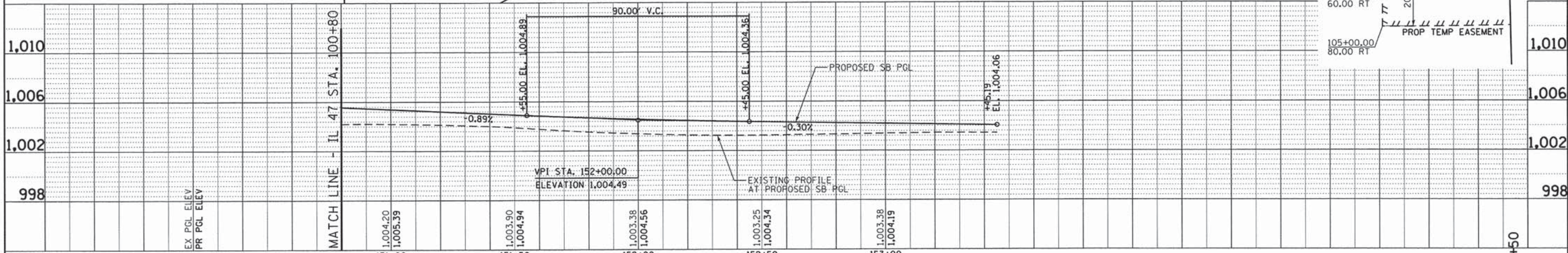
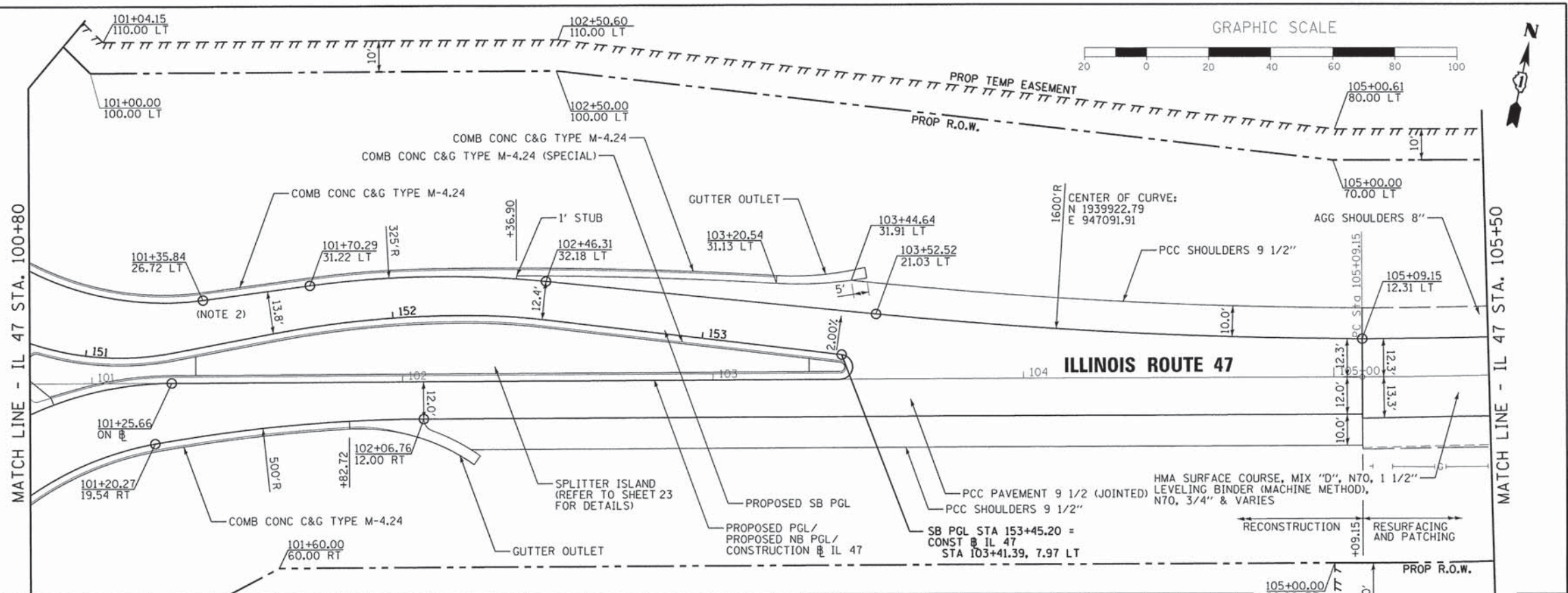
- REFER TO INTERSECTION DETAILS SHEETS 42 AND 43 FOR CIRCULATING ROADWAY, APPROACH ROADWAY AND CENTER ISLAND LAYOUT AND CONSTRUCTION DETAILS.
- ALL STATIONS AND OFFSETS ARE BASED ON THE CENTERLINES OF RIGHT-OF-WAY FOR IL 47 AND BURLINGTON ROAD UNLESS OTHERWISE NOTED.



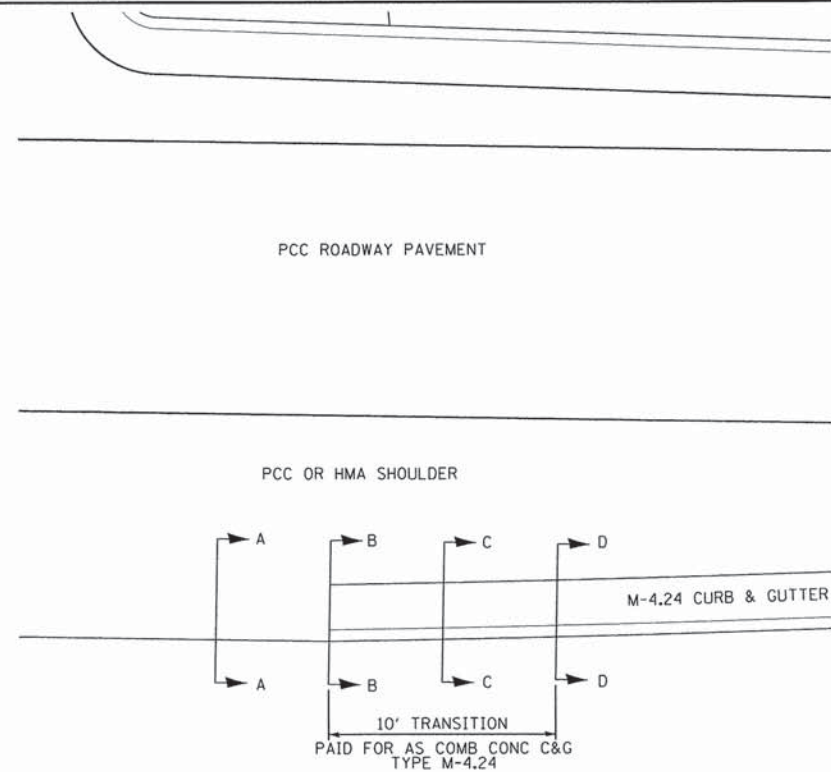
SUPERELEVATION TRANSITION TABLE

STATION	PAVEMENT SLOPES		
	SB LANE	MEDIAN	NB LANE
105+09.15	5.60	N/A	3.75
105+00	5.60	N/A	3.44
104+90	5.60	N/A	3.09
104+80	5.60	N/A	2.75
104+70	5.60	N/A	2.41
104+60	5.60	N/A	2.06
104+50	5.60	N/A	1.72
104+40	5.60	N/A	1.38
104+30	5.60	N/A	1.03
104+20	5.60	5.60	0.69
104+10	5.23	4.91	0.35
104+00	4.86	4.23	0.00
103+90	4.50	3.55	-0.34
103+80	4.13	2.86	-0.68
103+70	3.77	2.18	-1.02
103+60	3.40	1.50	-1.37
103+50	3.04	0.82	-1.71
103+40	2.67	N/A	-2.00
103+30	2.37	N/A	NC
103+20	2.06	N/A	NC
103+10	NC	N/A	NC

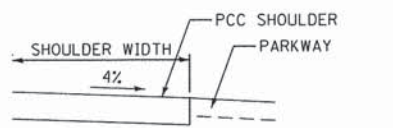
SLOPE VALUES ARE POSITIVE TOWARDS THE LEFT. SLOPES ARE PERPENDICULAR TO THE OUTSIDE EDGE OF PAVEMENT FOR THAT LANE.



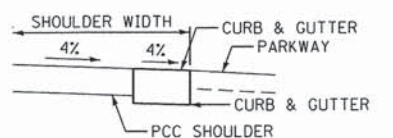
FILE NAME = 65343_pp47.2.dgn	USER NAME = mparisnik	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE ILLINOIS ROUTE 47		F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 19	
SHT.1 PLAN 2 PROFILE	PLOT SCALE = 28.0000' / in.	CHECKED - MAP	REVISED -		SCALE: 1"=20'	SHEET 3 OF 4 SHEETS	STA. 100+50 TO STA. 105+50	CONTRACT NO. 63779				
	PLOT DATE = 6/22/2015	DATE - 2/4/2013	REVISED -		ILLINOIS FED. AID PROJECT							



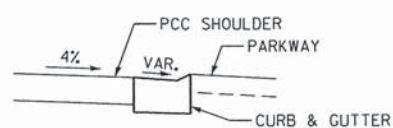
CURB AND GUTTER TRANSITION DETAIL (IL 47)



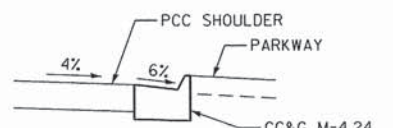
SECTION A-A



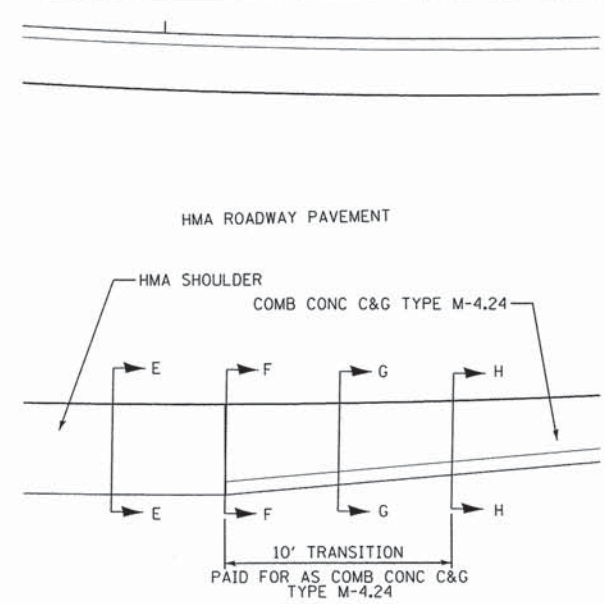
SECTION B-B



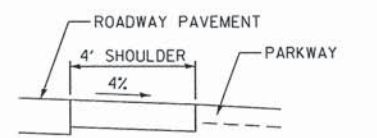
SECTION C-C



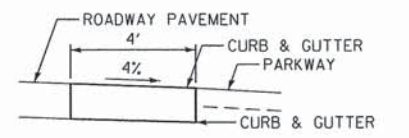
SECTION D-D



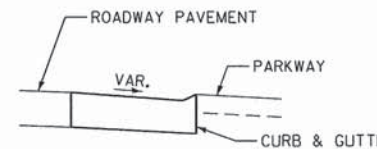
CURB AND GUTTER TRANSITION DETAIL (BURLINGTON RD)



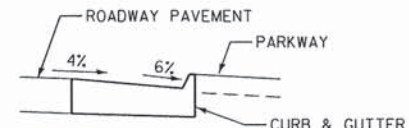
SECTION E-E



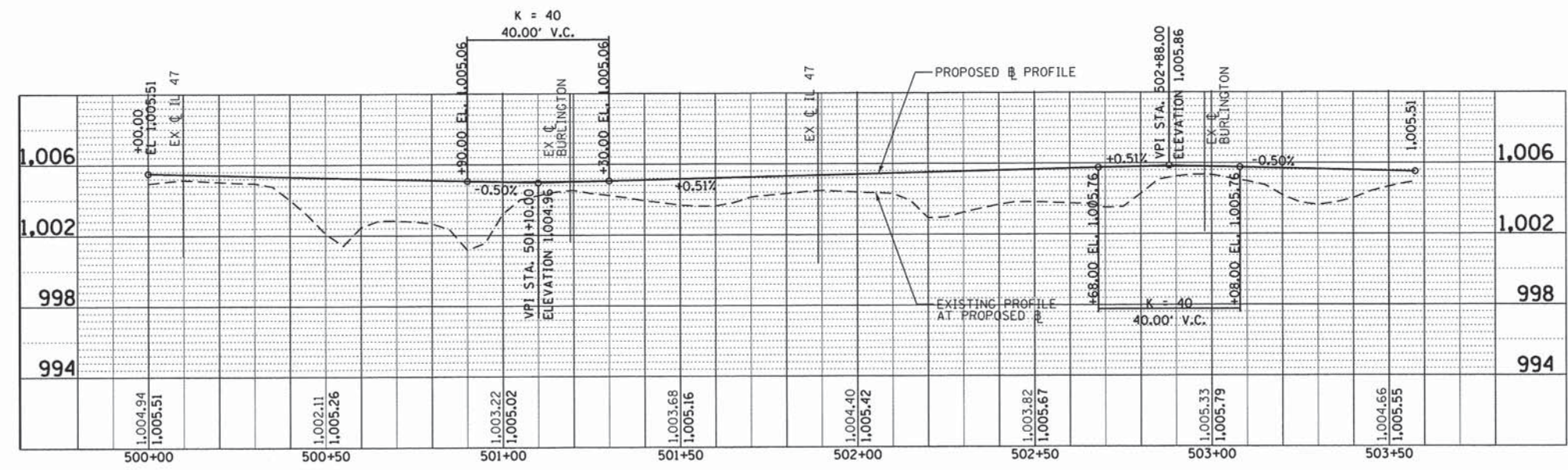
SECTION F-F



SECTION G-G



SECTION H-H



EXISTING AND PROPOSED PROFILE: CIRCULATING ROADWAY

FILE NAME = 66343.rdwjdet2.dgn	USER NAME = mpapirnik	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / 1" =	DRAWN - CH	REVISED -					326	07-00357-00-CH	KANE	80	21
	PLOT DATE = 6/22/2015	CHECKED - MAP	REVISED -		CONTRACT NO. 63779							
	DATE = 6/17/2015	DATE = 6/17/2015	REVISED -		ILLINOIS FED. AID PROJECT							

CURVE ENDPOINTS

POINT NO.	STA	O/S	ELEV
1	18+42.97	5.78 RT	1005.67
2	19+13.72	21.07 RT	1005.72
3	19+25.75	33.35 RT	1005.82
4	19+41.12	106.67 RT	1005.13
5	18+57.92	12.16 LT	1005.85
6	19+25.00	0.66 RT	1006.03
7	19+62.94	65.20 RT	1005.81
8	19+57.70	118.32 RT	1005.48
9	19+79.27	137.67 RT	1005.15
10	20+28.88	72.52 RT	1005.46
11	21+27.37	37.30 RT	1004.06
12	19+66.85	121.23 RT	1005.44
13	19+87.44	77.32 RT	1005.60
14	20+62.98	40.73 RT	1005.32
15	21+57.03	5.78 LT	1005.68
16	20+86.28	21.07 LT	1004.98
17	20+74.24	33.35 LT	1005.22
18	20+58.88	106.67 LT	1004.69
19	21+42.08	12.16 RT	1004.12
20	20+74.99	0.66 LT	1005.26
21	20+37.06	65.20 LT	1005.55
22	20+42.29	118.32 LT	1005.02
23	20+20.56	136.90 LT	1004.72
24	19+68.79	71.36 LT	1005.75
25	18+72.62	37.30 LT	1005.57
26	20+33.25	121.85 LT	1005.14
27	20+12.56	77.32 LT	1005.58
28	19+37.02	40.73 LT	1005.99

JOINT ENDPOINTS

POINT NO.	STA	O/S	ELEV
A1	18+74.59	5.44 RT	1005.42
A2	18+85.52	7.83 RT	1005.43
A3	18+96.21	11.53 RT	1005.51
A4	19+06.33	16.46 RT	1005.62
A5	19+14.89	21.90 RT	1005.74
A6	19+22.69	29.24 RT	1005.80
A7	19+28.87	38.40 RT	1005.80
A8	19+33.87	48.24 RT	1005.74
A9	19+37.67	58.22 RT	1005.64
A10	19+40.84	70.73 RT	1005.50
A11	19+42.37	82.92 RT	1005.35
A12	19+42.41	95.30 RT	1005.23
A13	19+40.91	107.87 RT	1005.13

POINT NO.	STA	O/S	ELEV
B1	18+77.70	14.29 LT	1005.82
B2	18+91.39	13.04 LT	1005.85
B3	19+04.94	9.52 LT	1005.91
B4	19+17.73	3.82 LT	1005.99

POINT NO.	STA	O/S	ELEV
C1	19+63.13	66.57 RT	1005.74
C2	19+64.12	81.52 RT	1005.64
C3	19+63.07	96.48 RT	1005.56
C4	19+59.99	111.18 RT	1005.51

POINT NO.	STA	O/S	ELEV
D1	19+79.59	136.31 RT	1005.14
D2	19+83.15	124.14 RT	1005.11
D3	19+88.31	112.60 RT	1005.12
D4	19+94.81	102.04 RT	1005.19
D5	20+02.44	92.63 RT	1005.30
D6	20+11.49	84.02 RT	1005.38
D7	20+21.59	76.68 RT	1005.44
D8	20+32.88	70.58 RT	1005.42
D9	20+45.82	64.32 RT	1005.34
D10	20+58.26	58.90 RT	1005.22
D11	20+69.73	54.34 RT	1005.07
D12	20+81.03	50.25 RT	1004.82
D13	20+92.49	46.48 RT	1004.59
D14	21+04.10	43.05 RT	1004.38
D15	21+15.82	39.97 RT	1004.21
D16	21+27.37	37.30 RT	1004.06

POINT NO.	STA	O/S	ELEV
E1	19+64.95	133.04 RT	1005.44
E2	19+67.38	118.33 RT	1005.44
E3	19+71.61	103.76 RT	1005.46
E4	19+78.17	90.22 RT	1005.51
E5	19+86.73	78.15 RT	1005.60

POINT NO.	STA	O/S	ELEV
F1	20+64.41	40.33 RT	1005.34
F2	20+76.49	37.10 RT	1005.05
F3	20+88.80	34.00 RT	1004.83
F4	21+00.74	31.04 RT	1004.64
F5	21+12.92	28.21 RT	1004.46
F6	21+24.84	25.57 RT	1004.18

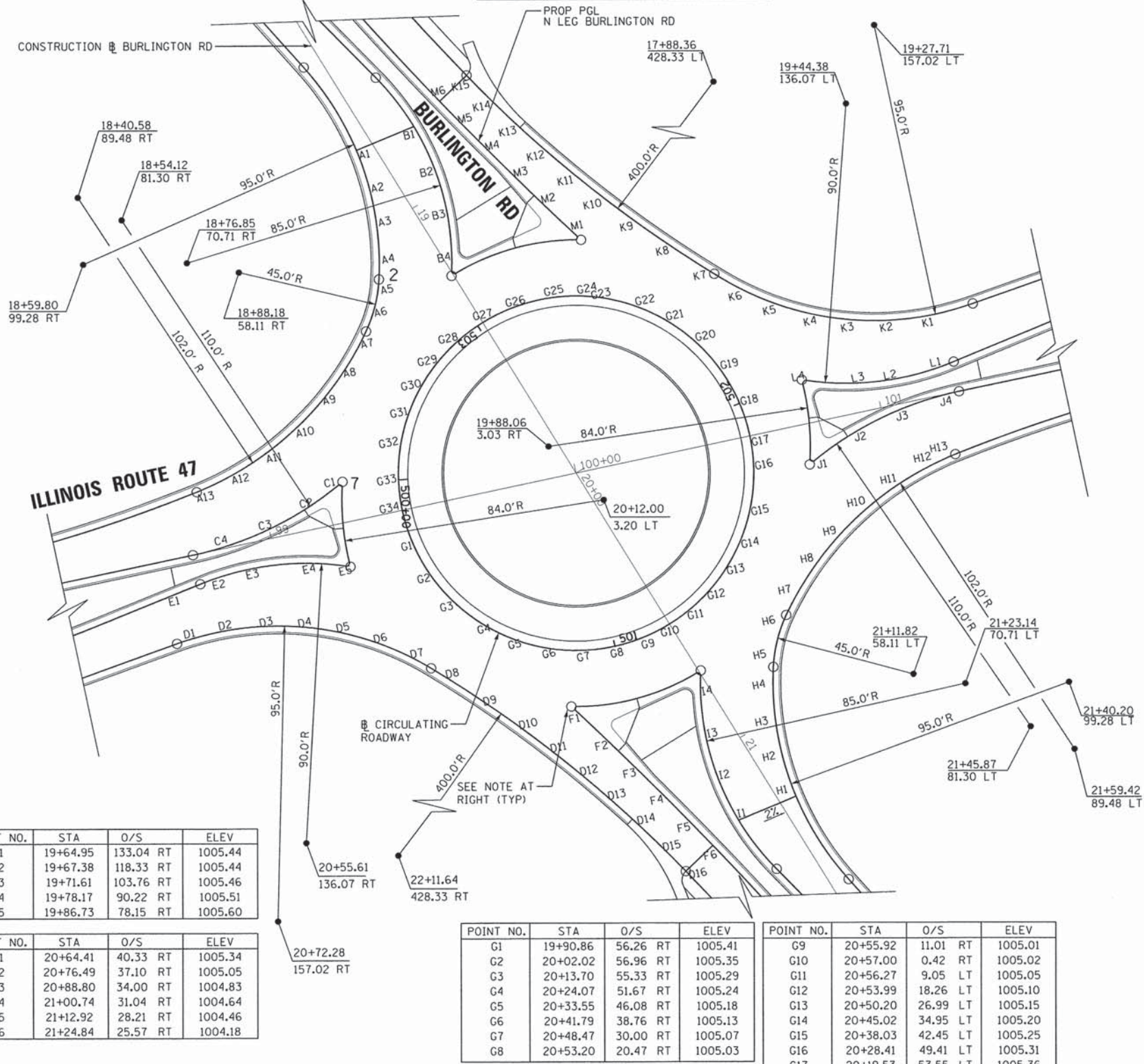
POINT NO.	STA	O/S	ELEV
G18	20+09.82	56.15 LT	1005.41
G19	19+97.97	56.96 LT	1005.47
G20	19+86.30	55.33 LT	1005.53
G21	19+75.92	51.67 LT	1005.58
G22	19+66.45	46.08 LT	1005.64
G23	19+58.21	38.76 LT	1005.70
G24	19+51.53	30.00 LT	1005.75
G25	19+46.80	20.46 RT	1005.79

POINT NO.	STA	O/S	ELEV
G26	19+44.07	11.01 LT	1005.81
G27	19+43.00	0.42 LT	1005.80
G28	19+43.72	9.05 RT	1005.76
G29	19+46.00	18.26 RT	1005.72
G30	19+49.79	26.99 RT	1005.67
G31	19+54.97	34.95 RT	1005.62
G32	19+61.96	42.45 RT	1005.57
G33	19+71.83	49.56 RT	1005.51
G34	19+80.46	53.55 RT	1005.46

POINT NO.	STA	O/S	ELEV
G1	19+90.86	56.26 RT	1005.41
G2	20+02.02	56.96 RT	1005.35
G3	20+13.70	55.33 RT	1005.29
G4	20+24.07	51.67 RT	1005.24
G5	20+33.55	46.08 RT	1005.18
G6	20+41.79	38.76 RT	1005.13
G7	20+48.47	30.00 RT	1005.07
G8	20+53.20	20.47 RT	1005.03

POINT NO.	STA	O/S	ELEV
G9	20+55.92	11.01 RT	1005.01
G10	20+57.00	0.42 RT	1005.02
G11	20+56.27	9.05 LT	1005.05
G12	20+53.99	18.26 LT	1005.10
G13	20+50.20	26.99 LT	1005.15
G14	20+45.02	34.95 LT	1005.20
G15	20+38.03	42.45 LT	1005.25
G16	20+28.41	49.41 LT	1005.31
G17	20+19.53	53.55 LT	1005.36

NOTE: ALL STATIONS AND OFFSETS ARE BASED ON THE BURLINGTON ROAD CONSTRUCTION BASELINE UNLESS OTHERWISE INDICATED.
SEE SHEETS 42 AND 43 FOR JOINTING PLAN LAYOUT.



POINT NO.	STA	O/S	ELEV
H1	21+25.40	5.44 LT	1003.93
H2	21+14.47	7.83 LT	1004.14
H3	21+03.79	11.53 LT	1004.44
H4	20+93.66	16.46 LT	1004.76
H5	20+85.11	21.90 LT	1005.02
H6	20+77.30	29.24 LT	1005.18
H7	20+71.12	38.40 LT	1005.26
H8	20+66.12	48.24 LT	1005.31
H9	20+62.32	58.22 LT	1005.25
H10	20+59.15	70.73 LT	1005.18
H11	20+57.63	82.92 LT	1005.01
H12	20+57.58	95.30 LT	1004.85
H13	20+59.08	107.87 LT	1004.69

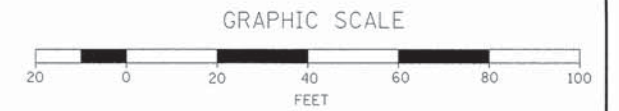
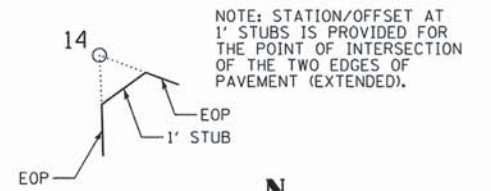
POINT NO.	STA	O/S	ELEV
I1	21+22.29	14.29 RT	1004.37
I2	21+08.60	13.04 RT	1004.59
I3	20+95.05	9.52 RT	1004.85
I4	20+82.27	3.82 RT	1005.10

POINT NO.	STA	O/S	ELEV
J1	20+36.86	66.57 LT	1005.54
J2	20+35.87	81.52 LT	1005.38
J3	20+36.93	96.48 LT	1005.23
J4	20+40.01	111.18 LT	1005.08

POINT NO.	STA	O/S	ELEV
K1	20+16.84	124.14 LT	1004.82
K2	20+11.68	112.60 LT	1004.96
K3	20+05.18	102.04 LT	1005.11
K4	19+97.56	92.63 LT	1005.28
K5	19+88.51	84.02 LT	1005.49
K6	19+78.41	76.68 LT	1005.67
K7	19+67.11	70.58 LT	1005.76
K8	19+54.18	64.32 LT	1005.80
K9	19+41.73	58.90 LT	1005.78
K10	19+30.27	54.34 LT	1005.72
K11	19+18.97	50.25 LT	1005.67
K12	19+07.50	46.48 LT	1005.61
K13	18+95.90	43.05 LT	1005.57
K14	18+84.18	39.97 LT	1005.56
K15	18+74.72	37.76 LT	1005.57

POINT NO.	STA	O/S	ELEV
L1	20+32.61	118.33 LT	1005.12
L2	20+28.38	103.76 LT	1005.28
L3	20+21.83	90.22 LT	1005.43
L4	20+13.26	78.15 LT	1005.58

POINT NO.	STA	O/S	ELEV
M1	19+35.58	40.33 LT	1005.99
M2	19+23.51	37.10 LT	1005.91
M3	19+11.40	34.00 LT	1005.81
M4	18+99.25	31.04 LT	1005.80
M5	18+87.08	28.21 LT	1005.80
M6	18+77.32	26.04 LT	1005.81



MAINTENANCE OF TRAFFIC GENERAL NOTES

1. TRAFFIC CONTROL WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
2. LANE CLOSURES, SIGNING, PAVEMENT MARKING AND BARRICADE PLACEMENT SHALL BE IN ACCORDANCE WITH THE INCLUDED IDOT STANDARD DRAWINGS AND IDOT DISTRICT 1 STANDARD DETAILS.
3. ADVANCE SIGNING PER IDOT DISTRICT 1 DETAIL TC-22 SHALL BE USED ON IL 47, EXCEPT AS MODIFIED HEREIN. THESE SIGNS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY INFORMATION SIGNING AT THE DIMENSIONS SPECIFIED IN THE DETAIL.
4. VERTICAL BARRICADES CONFORMING TO IDOT STANDARD 701901 MAY BE USED IN AREAS WHERE AN 11-FOOT WIDE TRAFFIC LANE CAN NOT BE MAINTAINED WITH DRUMS.
5. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER.
6. ALL DRUMS, VERTICAL PANELS, AND BARRICADES IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH STEADY BURN BI-DIRECTIONAL LIGHTS. CONES WILL NOT BE ALLOWED, UNLESS NOTED. DRUM SPACING SHALL BE 50' CENTER TO CENTER.
7. SIGNS THAT INCORRECTLY IDENTIFY A WORK ZONE, THE PRESENCE OF WORKERS, OR END CONSTRUCTION SHALL BE REMOVED OR COVERED.
8. ALL TEMPORARY PAVEMENT MARKINGS SHOWN ON THE PLANS ARE PAVEMENT MARKING TAPE, TYPE III OF THE LINE WIDTH SPECIFIED.
9. THE CONTRACTOR WILL COORDINATE THEIR WORK WITH CONTRACT NO. 60N13, BEING PERFORMED BY OTHERS, AND WILL INCLUDE CHANGES TO CONSTRUCTION STAGING TO ACCOMMODATE THAT WORK AS DIRECTED BY THE ENGINEER.
10. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470, AND THE KANE COUNTY DIVISION OF TRANSPORTATION AT 630-584-1170, A MINIMUM OF ONE WEEK (SEVEN DAYS) IN ADVANCE OF BEGINNING WORK.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND OPERATION OF THE FLASHING SIGNAL BEACON MOUNTED OVER THE INTERSECTION OF IL 47 AND BURLINGTON ROAD. THE BEACON WILL NOT BE TURNED OFF AND REMOVED UNTIL BOTH BURLINGTON ROAD APPROACHES ARE CLOSED.
12. THE WEEKEND CLOSURE OF ILLINOIS ROUTE 47 AND BURLINGTON ROAD WILL BEGIN NO SOONER THAN 10:00 P.M. ON FRIDAY AND END NO LATER THAN 4:00 A.M. ON THE FOLLOWING MONDAY, OR AS OTHERWISE STIPULATED BY THE ENGINEER.

STAGING SUMMARY

PRE-STAGE CONSTRUCTION

TRAFFIC CONFIGURATION

1. IL 47 CLOSED FOR WEEKEND CLOSURE - INSTALL DETOUR ROUTE SIGNING.
2. BURLINGTON ROAD CLOSED AT THE IL 47 INTERSECTION - INSTALL DETOUR ROUTE SIGNING.

WORK PERFORMED

1. INSTALL DETOUR ROUTE SIGNING ALONG BURLINGTON ROAD AND IL 47.
2. REMOVE AND INSTALL IL 47 CROSS CULVERTS.

STAGE 1

TRAFFIC CONFIGURATION

1. BURLINGTON ROAD CLOSED AT THE IL 47 INTERSECTION - MAINTAIN BURLINGTON ROAD DETOUR ROUTE SIGNING INSTALLED DURING PRE-STAGE WORK.
2. IL 47 TRAFFIC SHIFTED TO THE SOUTH.

WORK PERFORMED

1. TURN OFF AND REMOVE FLASHING BEACON.
2. CONSTRUCT TEMPORARY PAVEMENT FOR RUNAROUND. SEE SHEET 28 FOR DETAILS.

STAGE 2

TRAFFIC CONFIGURATION

1. BURLINGTON ROAD CLOSED AT THE IL 47 INTERSECTION - MAINTAIN BURLINGTON ROAD DETOUR ROUTE SIGNING INSTALLED DURING PRE-STAGE WORK.
2. IL 47 NORTHBOUND TRAFFIC SHIFTED TO THE EXISTING SOUTHBOUND LANES.
3. IL 47 SOUTHBOUND TRAFFIC SHIFTED TO THE TEMPORARY RUNAROUND INSTALLED DURING STAGE 1.

WORK PERFORMED

1. CONSTRUCT THE SOUTHEAST LEG OF BURLINGTON ROAD, THE NB LANE OF IL 47, AND THE SOUTHEAST HALF OF THE CIRCULATING ROADWAY AND TRUCK APRON.

STAGE 3

TRAFFIC CONFIGURATION

1. BURLINGTON ROAD CLOSED AT THE IL 47 INTERSECTION - MAINTAIN BURLINGTON ROAD DETOUR ROUTE SIGNING INSTALLED DURING PRE-STAGE WORK.
2. MAINTAIN IL 47 SOUTHBOUND TRAFFIC ON THE TEMPORARY RUNAROUND INSTALLED DURING STAGE 1.
3. IL 47 NORTHBOUND TRAFFIC SHIFTED TO SOUTH PORTION OF ROUNDABOUT BUILT IN STAGE 2.

WORK PERFORMED

1. CONSTRUCT SOUTHBOUND LANE OF IL 47, IL 47 SPLITTER ISLANDS, AND THE NORTHWEST HALF OF THE CIRCULATING ROADWAY AND TRUCK APRON.

STAGE 4

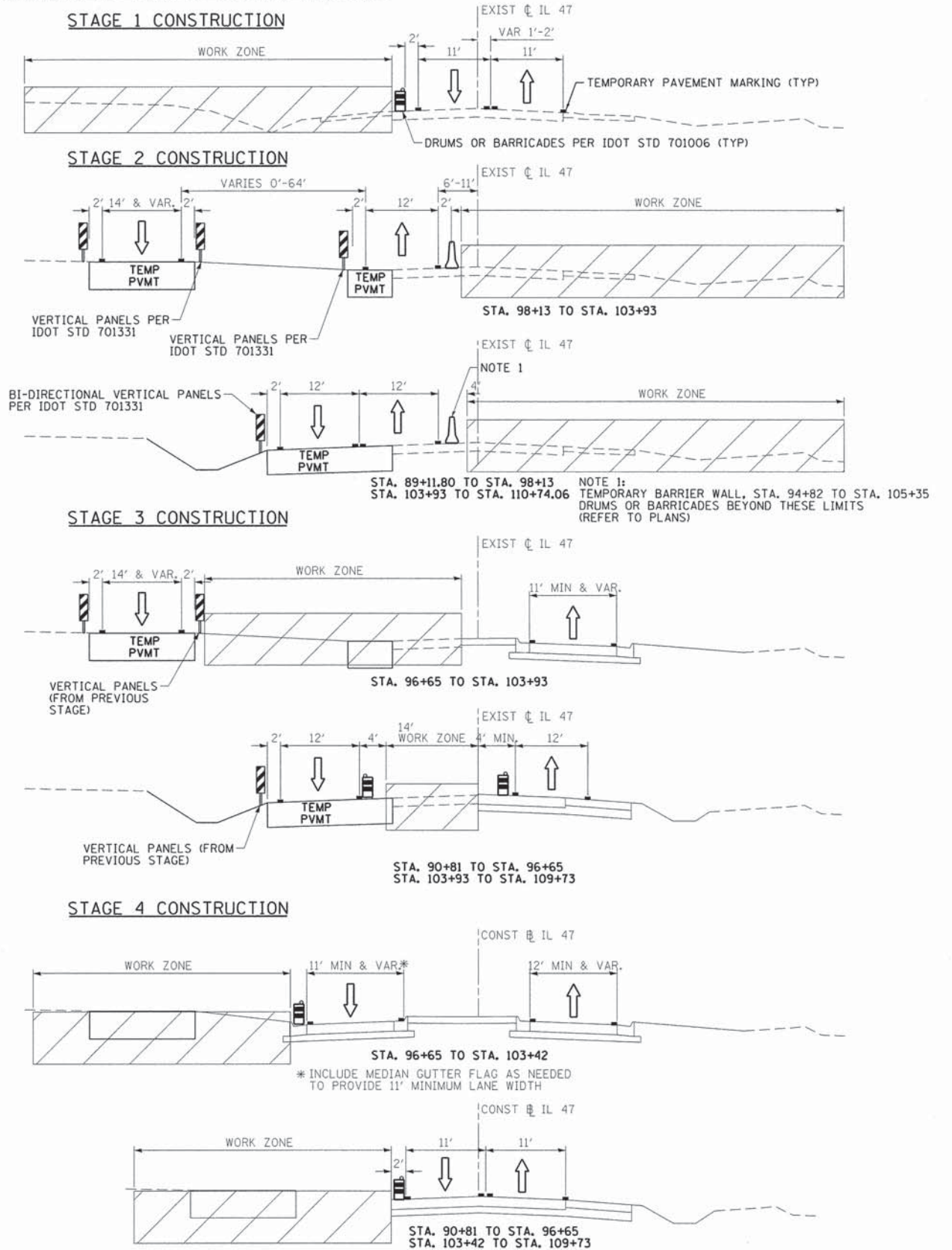
TRAFFIC CONFIGURATION

1. BURLINGTON ROAD CLOSED AT THE IL 47 INTERSECTION - MAINTAIN BURLINGTON ROAD DETOUR ROUTE SIGNING INSTALLED DURING PRE-STAGE WORK.
2. IL 47 TRAFFIC ON THE ROUNDABOUT BUILT DURING STAGE 2 AND STAGE 3.

WORK PERFORMED

1. REMOVE TEMPORARY RUNAROUND.
2. CONSTRUCT THE NORTHWEST LEG OF BURLINGTON ROAD.

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS



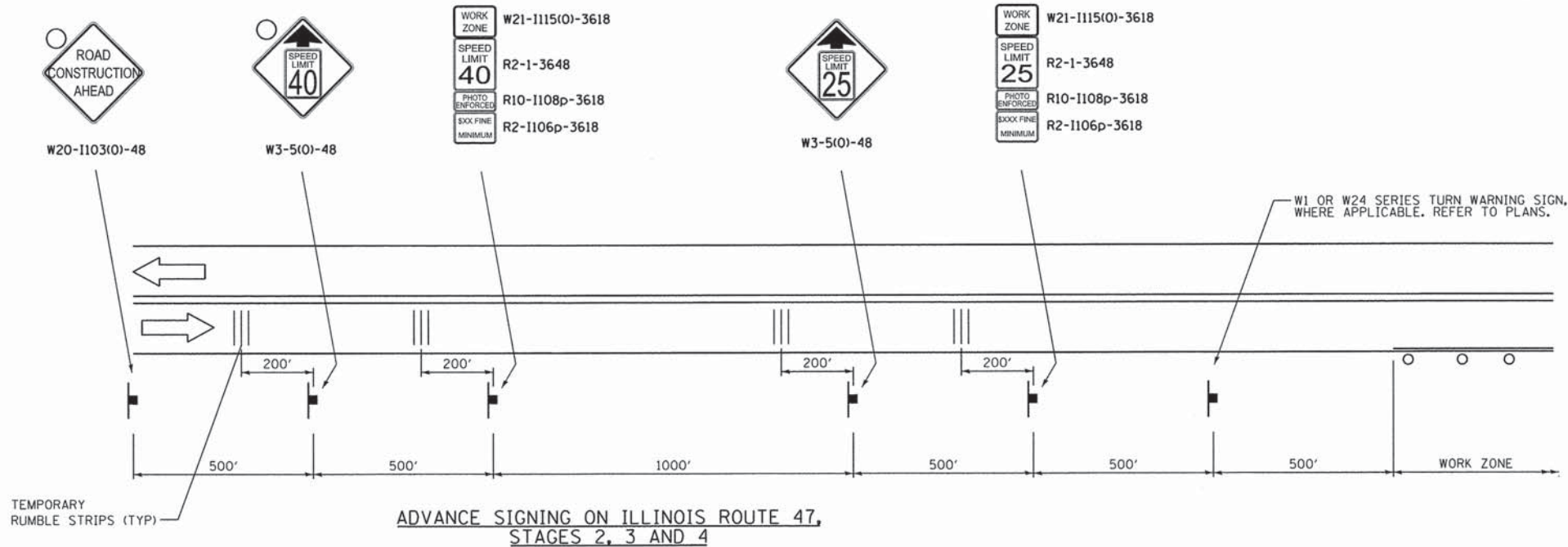
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	PLOT DATE = 7/16/2015	DATE - 6/17/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
GENERAL NOTES AND SUMMARY**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 24
CONTRACT NO. 63779				
ILLINOIS FED. AID PROJECT				



ADVANCE SIGNING ON ILLINOIS ROUTE 47,
STAGES 2, 3 AND 4

TEMPORARY RUMBLE STRIPS (TYP)

W1 OR W24 SERIES TURN WARNING SIGN, WHERE APPLICABLE. REFER TO PLANS.

SCHEDULE OF TRAFFIC CONTROL AND TEMPORARY WORK QUANTITIES

STAGE	PAVEMENT MARKING REMOVAL (SF)	TEMPORARY PAVEMENT MARKING, TAPE 4" (LF)	TEMPORARY INFORMATION SIGNING (SF)	WORK ZONE PAVEMENT MARKING REMOVAL (SF)	PAVEMENT REMOVAL (SY)	CLASS D PATCH (SY)	TEMPORARY PAVEMENT (SY)
PRE-STAGE	0	0	0	0	100	50	0
STAGE 1	2946	6320	52	2107	0	0	3742
STAGE 2	0	6300	0	2100	2715	0	0
STAGE 3	0	5730	0	1910	1825	0	0
STAGE 4	0	5250	0	1750	4872*	0	0
TOTAL	2946	23600	52	7867	9512	50	3742

* INCLUDES REMOVAL OF TEMPORARY RUNAROUND

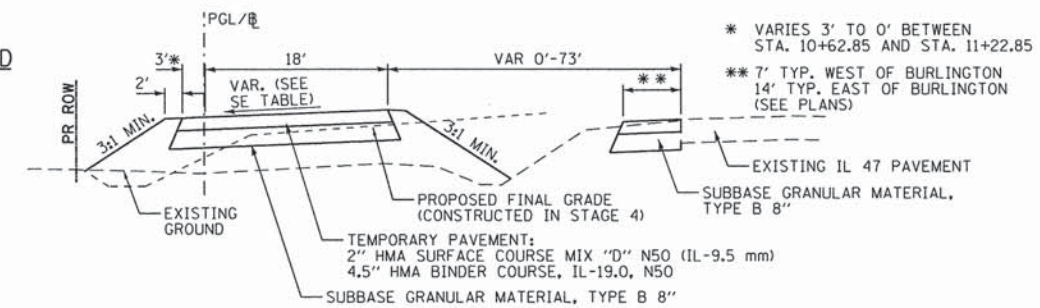
STAGE	TEMPORARY CONCRETE BARRIER (LF)	RELOCATE TEMPORARY CONCRETE (LF)	IMPACT ATTENUATORS EACH	RELOCATE IMPACT ATTENUATORS (SF)
PRE-STAGE	0	0	0	0
STAGE 1	0	0	0	0
STAGE 2	1152	0	4	0
STAGE 3	0	649	0	2
STAGE 4	0	540	0	1
TOTAL	1152	1189	4	3

TEMPORARY RUNAROUND TYPICAL SECTION

RUNAROUND @ STA. 7+89 TO STA. 11+22.85

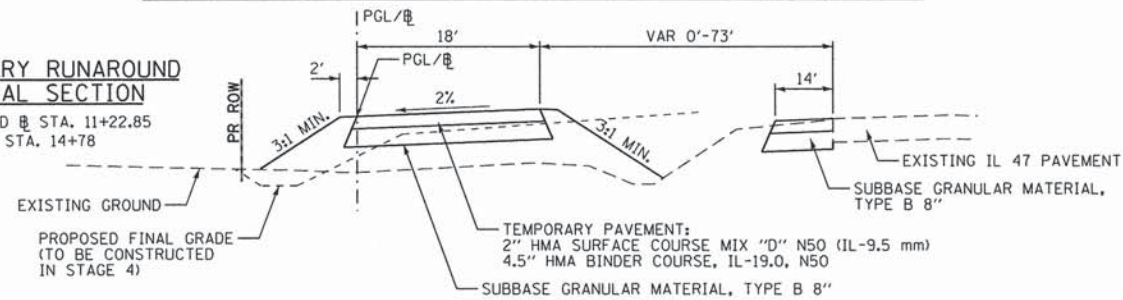
SUPERELEVATION TABLE

STATION	SLOPE
8+31.69	2.0% LT (BEGIN TRANSITION)
9+10.59	2.0% RT (END TRANSITION)
10+41.32	2.0% RT (BEGIN TRANSITION)
11+03.06	2.0% LT (END TRANSITION)



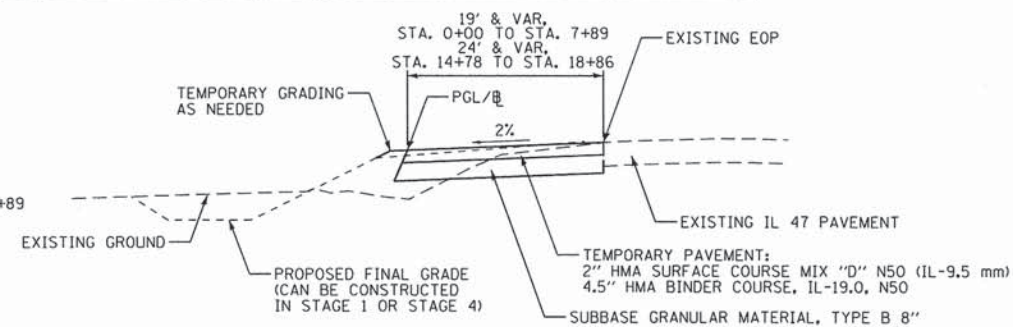
TEMPORARY RUNAROUND TYPICAL SECTION

RUNAROUND @ STA. 11+22.85 TO STA. 14+78



TEMPORARY WIDENING TYPICAL SECTION

RUNAROUND @ STA. 0+00 TO STA. 7+89 AND STA. 14+78 TO STA. 18+86



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USER NAME = mkbarr

DESIGNED - RMG

REVISED -

DRAWN - RMG

REVISED -

PLOT SCALE = 1/8" = 1'

CHECKED - MAP

REVISED -

PLOT DATE = 7/16/2015

DATE - 6/17/2015

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

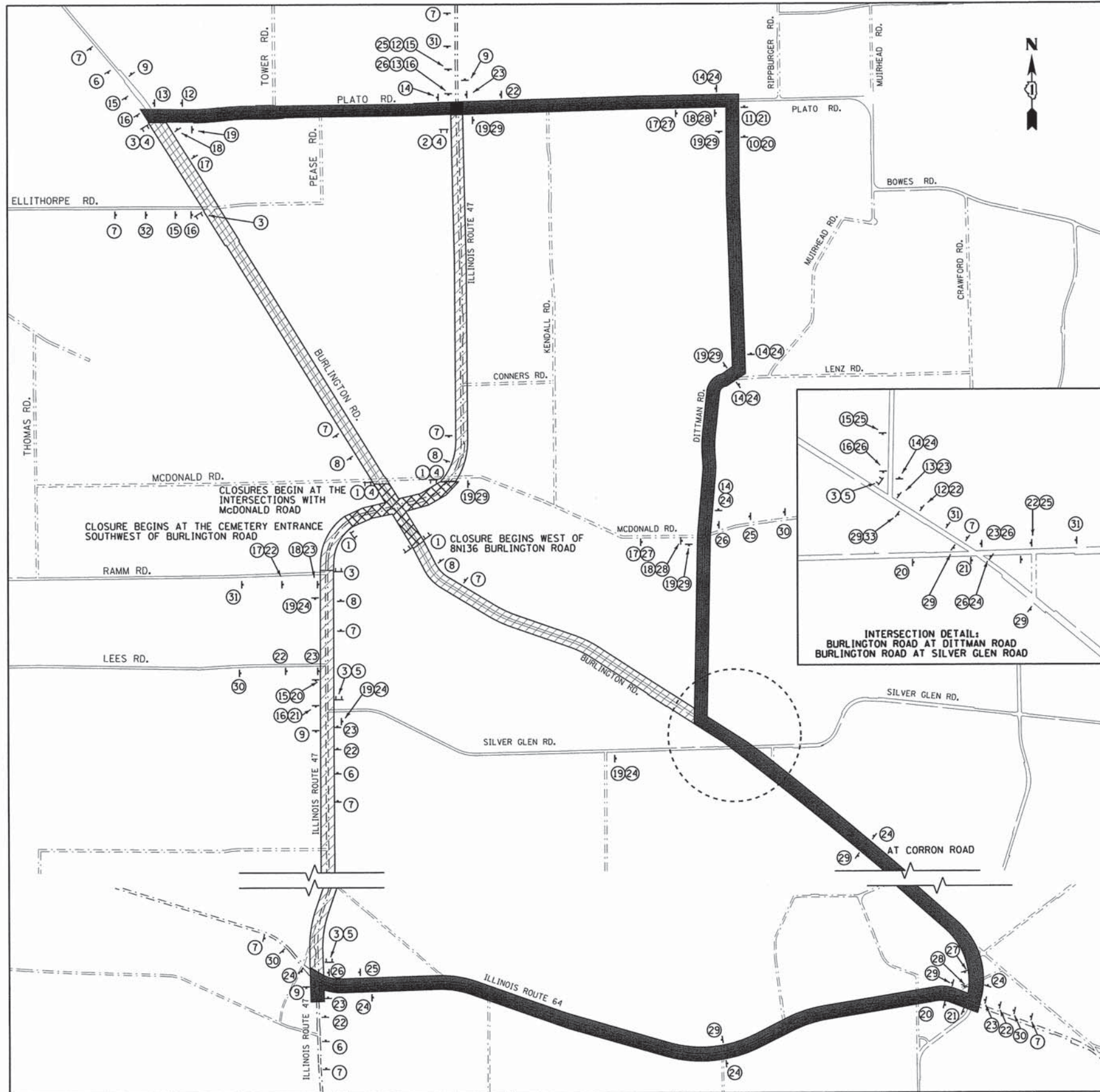
MAINTENANCE OF TRAFFIC DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	25

CONTRACT NO. 63779

SCALE: NONE SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

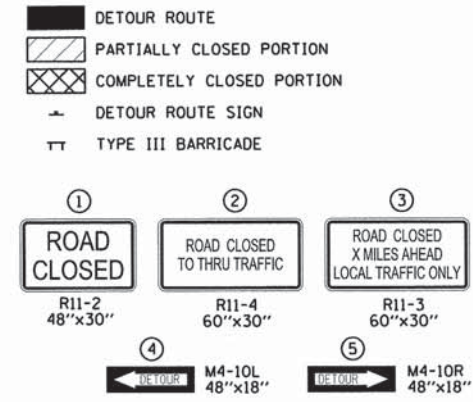


- SEE DISTRICT 1 DETAIL TC-21 "DETOUR SIGNING FOR CLOSING STATE HIGHWAYS" FOR SIGN TYPES AND PLACEMENT OF THE DETOUR ROUTE SIGNING.
- DETOUR ROUTE SIGNING SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- SIGNING SHOWN IS FOR PRE-STAGE INSTALLATION OF BOX CULVERTS ACROSS IL 47.

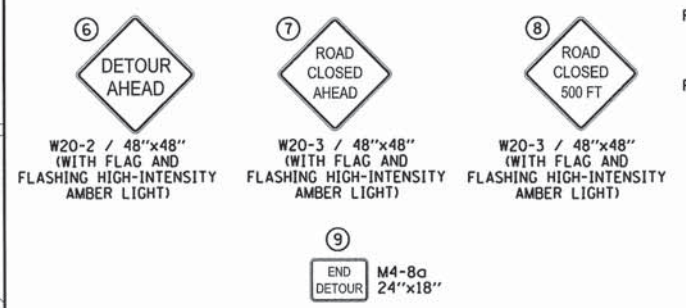
INDEX OF PANELS

PANEL A	TO	M4-5	24"x12"
PANEL B	DETOUR	M4-8	24"x12"
PANEL C	NORTH	M3-1	24"x12"
PANEL D	SOUTH	M3-3	24"x12"
PANEL E	WEST	M3-2	24"x12"
PANEL F	EAST	M3-4	24"x12"
PANEL G	←	M5-1 (L)	21"x15"
PANEL H	←	M6-1 (L)	21"x15"
PANEL I	→	M5-1 (R)	21"x15"
PANEL J	→	M6-1 (R)	21"x15"
PANEL K	↑	M6-3	21"x15"
PANEL L	ILLINOIS 47	M1-5	24"x24"
PANEL M	Burlington Road	W17-1-100	36"x18"
PANEL N	←	M4-9L	30"x24"
PANEL O	→	M4-9R	30"x24"

LEGEND



GENERAL POST-MOUNTED SIGNS



NOTE: EACH ASSEMBLY BELOW SHALL BE INSTALLED ON ITS OWN POST.

WESTBOUND BURLINGTON ROAD DETOURS		EASTBOUND BURLINGTON ROAD DETOURS		NORTHBOUND ILLINOIS ROUTE 47 DETOURS		SOUTHBOUND ILLINOIS ROUTE 47 DETOURS	
ASSEMBLY	PANEL LIST	ASSEMBLY	PANEL LIST	ASSEMBLY	PANEL LIST	ASSEMBLY	PANEL LIST
10	E,M,B,G	15	F,M,B,G	20	C,L,B,G	25	D,L,B,G
11	E,M,N	16	F,M,N	21	C,L,B,H	26	D,L,B,H
12	E,M,B,I	17	F,M,B,I	22	C,L,B,I	27	D,L,B,I
13	E,M,O	18	F,M,O	23	C,L,B,J	28	D,L,B,J
14	E,M,B,K	19	F,M,B,K	24	C,L,B,K	29	D,L,B,K

OTHER DETOUR SIGNS

ASSEMBLY	PANEL LIST
50	6+L
31	6+L+M
52	6+M
53	9+M

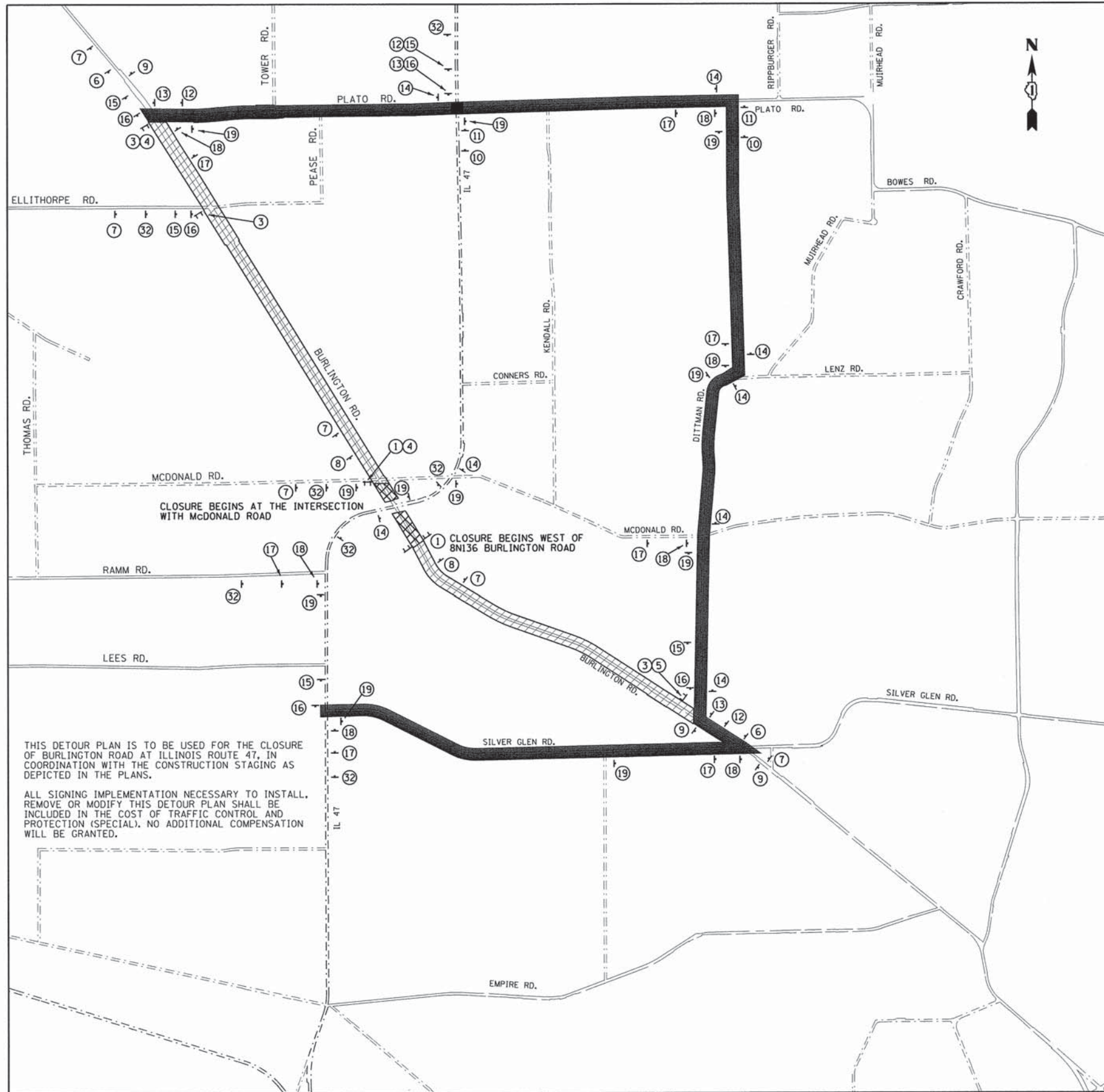
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		PLOT DATE = 7/16/2015	DATE = 6/17/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - PRE-STAGE CONSTRUCTION
IL 47 & BURLINGTON ROAD DETOUR PLAN**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

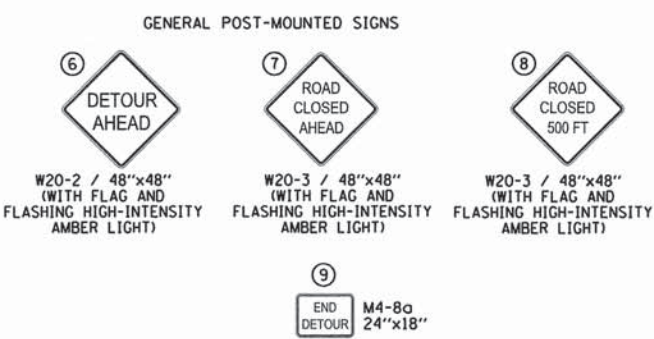
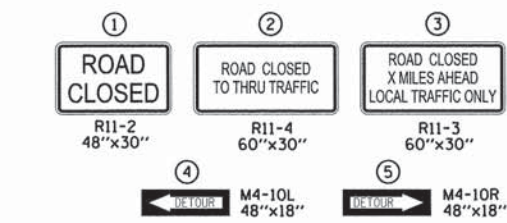
F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 26
			CONTRACT NO. 63779	
ILLINOIS FED. AID PROJECT				



- SEE DISTRICT 1 DETAIL TC-21 "DETOUR SIGNING FOR CLOSING STATE HIGHWAYS" FOR SIGN TYPES AND PLACEMENT OF THE DETOUR ROUTE SIGNING.
- DETOUR ROUTE SIGNING SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- SIGNING SHOWN IS FOR THE CLOSURE OF BURLINGTON ROAD DURING THE CONSTRUCTION OF THE CIRCULATING ROADWAY AND ITS APPROACHES (STAGES 2-4).

LEGEND

- DETOUR ROUTE
 - PARTIALLY CLOSED PORTION
 - COMPLETELY CLOSED PORTION
 - DETOUR ROUTE SIGN
 - TYPE III BARRICADE
- SIGNS MOUNTED ON TYPE III BARRICADES



NOTE: EACH ASSEMBLY BELOW SHALL BE INSTALLED ON ITS OWN POST.

WESTBOUND BURLINGTON ROAD DETOURS		EASTBOUND BURLINGTON ROAD DETOURS		NORTHBOUND ILLINOIS ROUTE 47 DETOURS		SOUTHBOUND ILLINOIS ROUTE 47 DETOURS	
ASSEMBLY	PANEL LIST	ASSEMBLY	PANEL LIST	ASSEMBLY	PANEL LIST	ASSEMBLY	PANEL LIST
10	E,M,B,G	15	F,M,B,G	20	C,L,B,G	25	D,L,B,G
11	E,M,N	16	F,M,N	21	C,L,B,H	26	D,L,B,H
12	E,M,B,I	17	F,M,B,I	22	C,L,B,I	27	D,L,B,I
13	E,M,O	18	F,M,O	23	C,L,B,J	28	D,L,B,J
14	E,M,B,K	19	F,M,B,K	24	C,L,B,K	29	D,L,B,K

INDEX OF PANELS

PANEL A	TO	M4-5	24"x12"
PANEL B	DETOUR	M4-8	24"x12"
PANEL C	NORTH	M3-1	24"x12"
PANEL D	SOUTH	M3-3	24"x12"
PANEL E	WEST	M3-2	24"x12"
PANEL F	EAST	M3-4	24"x12"
PANEL G	←	M5-1 (L)	21"x15"
PANEL H	←	M6-1 (L)	21"x15"
PANEL I	→	M5-1 (R)	21"x15"
PANEL J	→	M6-1 (R)	21"x15"
PANEL K	↑	M6-3	21"x15"
PANEL L	ILLINOIS 47	M1-5	24"x24"
PANEL M	Burlington Road	W17-1-100	36"x18"
PANEL N	←	M4-9L	30"x24"
PANEL O	→	M4-9R	30"x24"

THIS DETOUR PLAN IS TO BE USED FOR THE CLOSURE OF BURLINGTON ROAD AT ILLINOIS ROUTE 47, IN COORDINATION WITH THE CONSTRUCTION STAGING AS DEPICTED IN THE PLANS.

ALL SIGNING IMPLEMENTATION NECESSARY TO INSTALL, REMOVE OR MODIFY THIS DETOUR PLAN SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL). NO ADDITIONAL COMPENSATION WILL BE GRANTED.

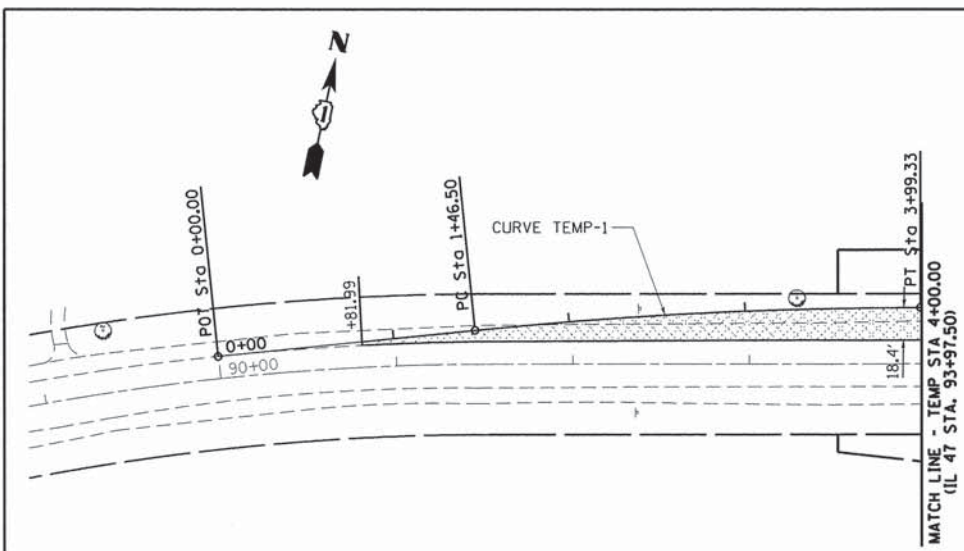
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			DATE = 6/17/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGES 2-4
BURLINGTON ROAD DETOUR PLAN**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	27
CONTRACT NO. 63779				
ILLINOIS FED. AID PROJECT				



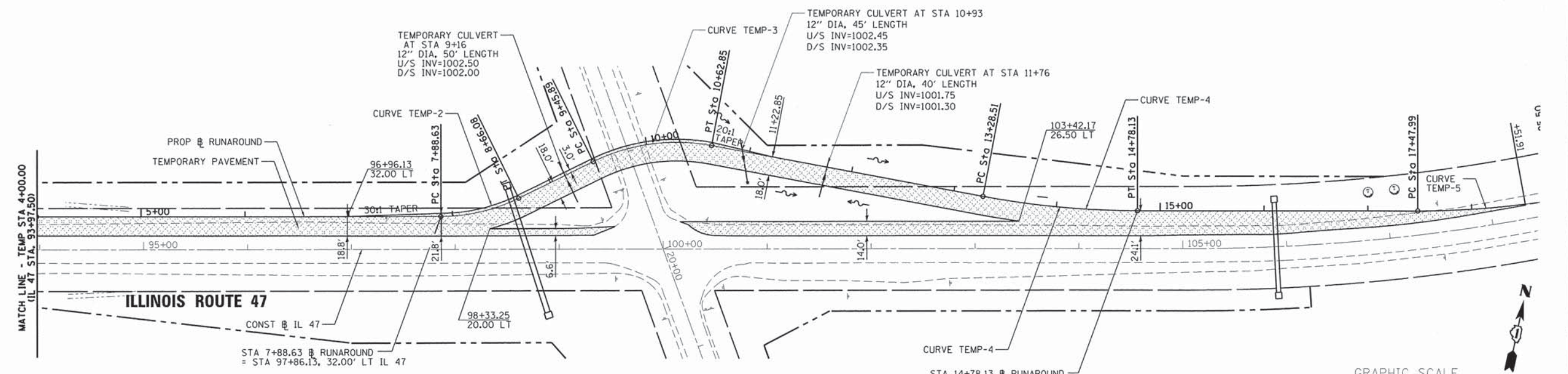
PROP. CURVE TEMP-1
 PI STA. = 2+73.02
 N 1938118.54 / E 946075.45
 $\Delta = 5^\circ 47' 40''$ (RT)
 $D = 2^\circ 17' 31''$
 $R = 2,500.00'$
 $T = 126.52'$
 $L = 252.83'$
 $E = 3.20'$
 $e = NC$
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 1+46.50
 N 1938080.04 / E 946075.45
 P.T. STA = 3+99.33
 N 1938144.67 / E 946319.77

PROP. CURVE TEMP-2
 PI STA. = 8+28.04
 N 1938233.23 / E 946738.23
 $\Delta = 26^\circ 06' 11''$ (LT)
 $D = 33^\circ 42' 12''$
 $R = 170.00'$
 $T = 39.41'$
 $L = 77.45'$
 $E = 4.51'$
 $e = NC$
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 7+88.63
 N 1938225.09 / E 946700.67
 P.T. STA = 8+66.08
 N 1938257.50 / E 946770.27

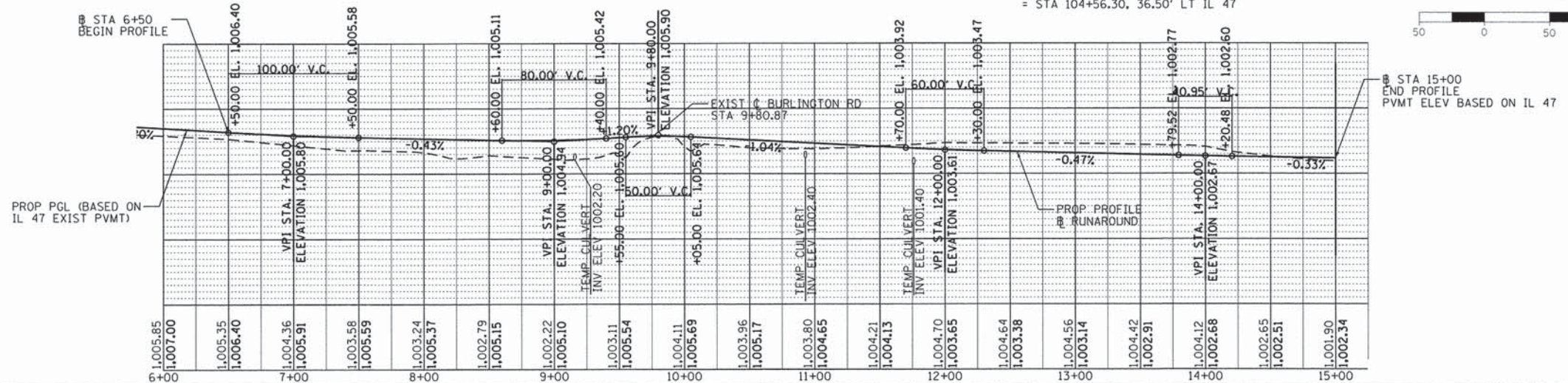
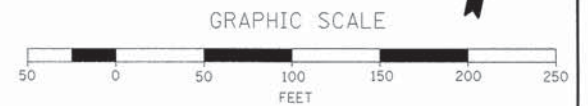
PROP. CURVE TEMP-3
 PI STA. = 10+06.47
 N 1938343.98 / E 946880.87
 $\Delta = 36^\circ 49' 06''$ (RT)
 $D = 31^\circ 28' 52''$
 $R = 182.00'$
 $T = 60.58'$
 $L = 116.95'$
 $E = 9.82'$
 $e = 2.0\%$ RT
 T.R. = 40' (25 mph)
 S.E. RUN = 40'
 P.C. STA = 9+45.89
 N 1938306.67 / E 946833.15
 P.T. STA = 10+62.85
 N 1938345.26 / E 946941.43

PROP. CURVE TEMP-4
 PI STA. = 14+03.54
 N 1938352.42 / E 947282.04
 $\Delta = 10^\circ 42' 56''$ (LT)
 $D = 7^\circ 09' 43''$
 $R = 800.00'$
 $T = 75.03'$
 $L = 149.62'$
 $E = 3.51'$
 $e = NC$
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 13+28.51
 N 1938350.84 / E 947207.03
 P.T. STA = 14+78.13
 N 1938367.92 / E 947355.45

PROP. CURVE TEMP-5
 PI STA. = 18+16.92
 N 1938437.90 / E 947686.94
 $\Delta = 9^\circ 50' 55''$ (LT)
 $D = 7^\circ 09' 43''$
 $R = 800.00'$
 $T = 68.93'$
 $L = 137.51'$
 $E = 2.96'$
 $e = NC$
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 17+47.99
 N 1938423.66 / E 947619.50
 P.T. STA = 18+85.50
 N 1938463.46 / E 947454.25



ILLINOIS ROUTE 47



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 PLOT DATE = 7/16/2015







DESIGNED - RMG	REVISED -
DRAWN - RMG	REVISED -
CHECKED - MAP	REVISED -
DATE - 6/17/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC -
 RUNAROUND PLAN**
 SCALE: 1" = 50'
 SHEET OF SHEETS STA. TO STA.

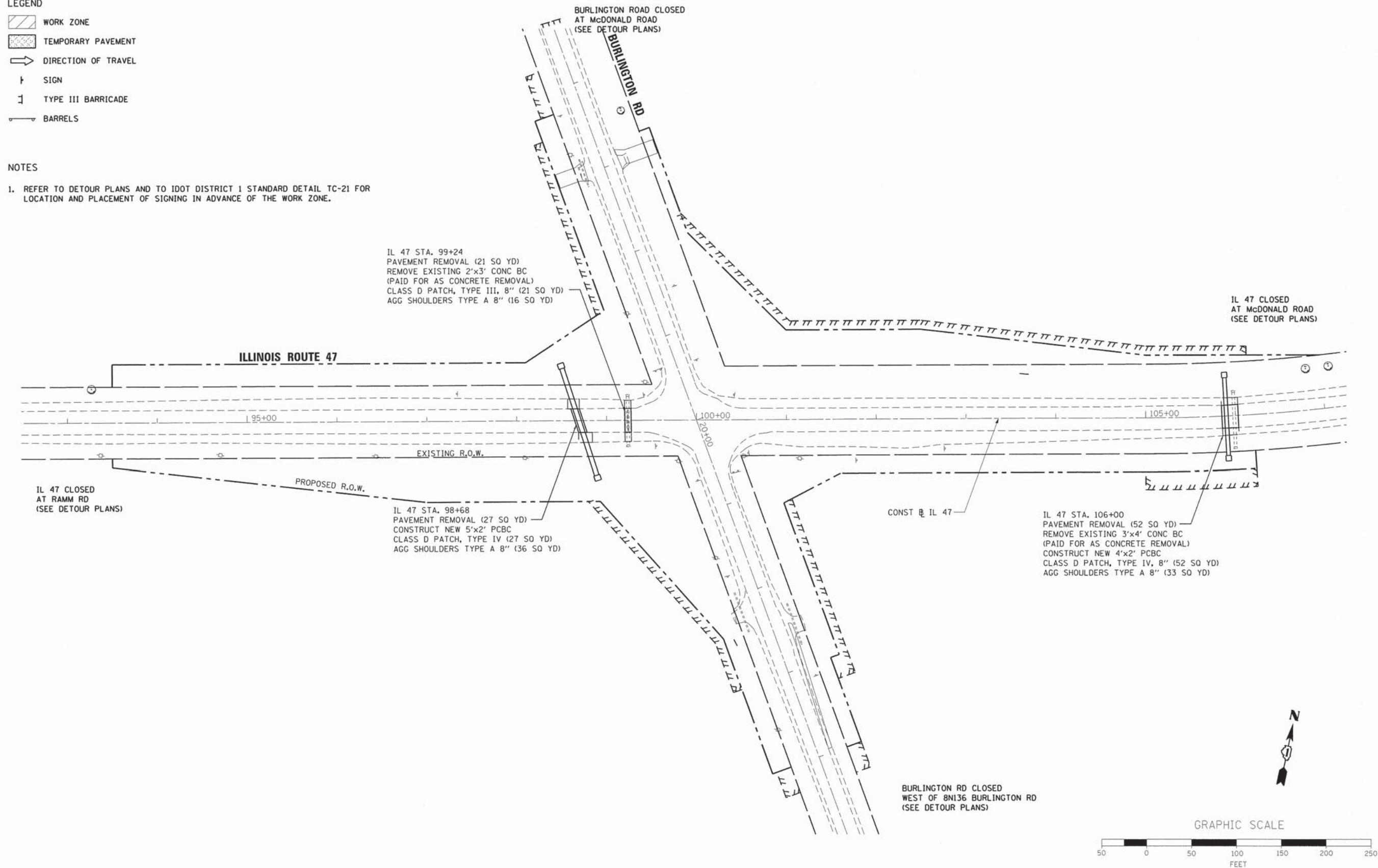
F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 28
CONTRACT NO. 63779				
ILLINOIS FED. AID PROJECT				

LEGEND

-  WORK ZONE
-  TEMPORARY PAVEMENT
-  DIRECTION OF TRAVEL
-  SIGN
-  TYPE III BARRICADE
-  BARRELS

NOTES

1. REFER TO DETOUR PLANS AND TO IDOT DISTRICT 1 STANDARD DETAIL TC-21 FOR LOCATION AND PLACEMENT OF SIGNING IN ADVANCE OF THE WORK ZONE.









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		DATE - 6/17/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

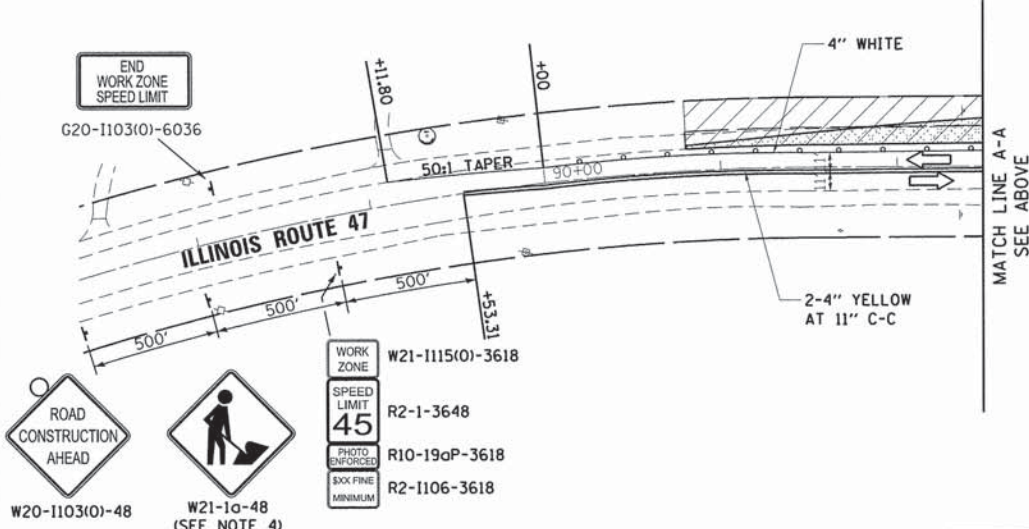
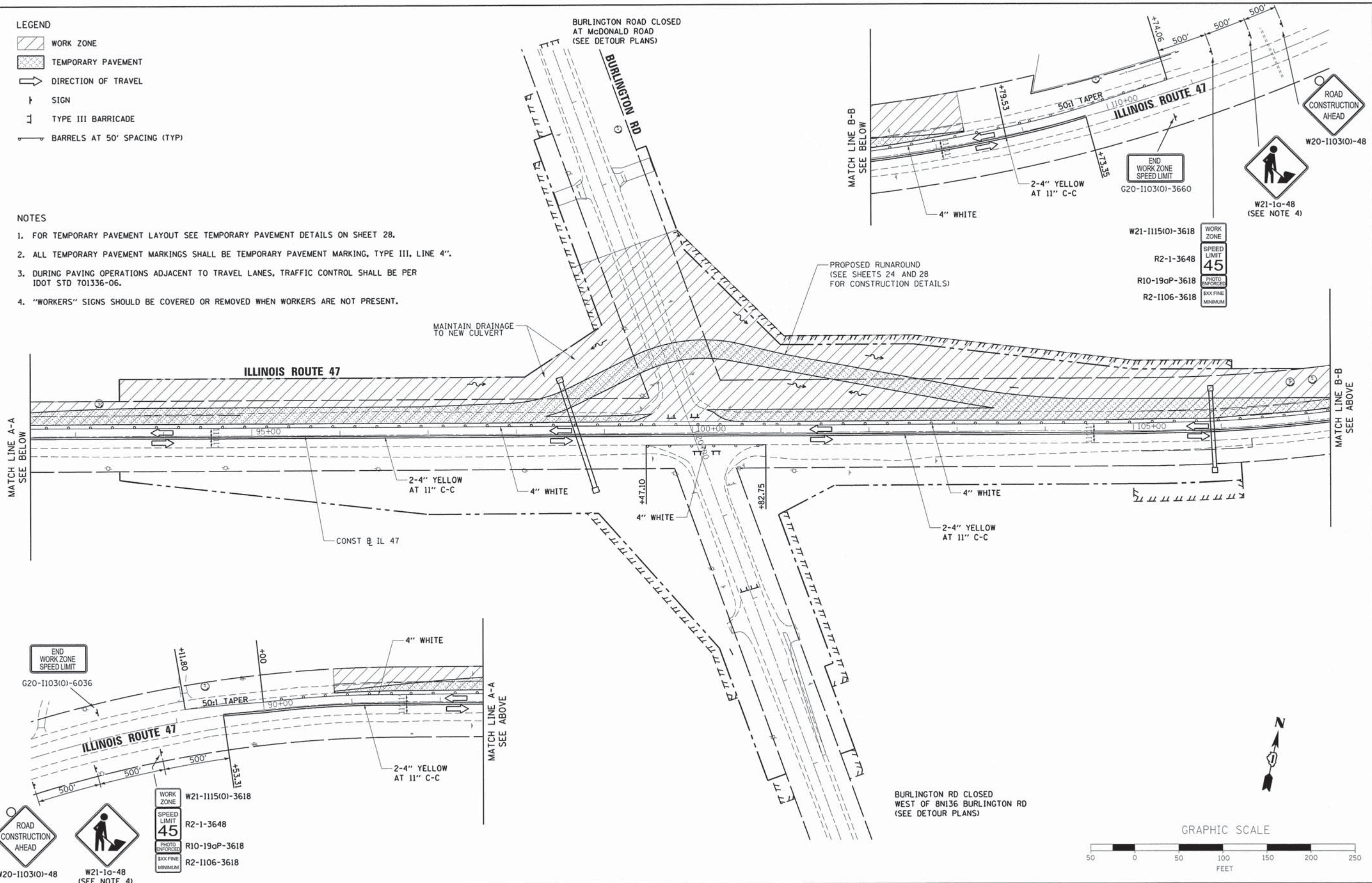
**MAINTENANCE OF TRAFFIC -
 PRE-STAGE CONSTRUCTION**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 29
CONTRACT NO. 63779				
ILLINOIS FED. AID PROJECT				







- LEGEND**
-  WORK ZONE
 -  TEMPORARY PAVEMENT
 -  DIRECTION OF TRAVEL
 -  SIGN
 -  TYPE III BARRICADE
 -  BARRELS AT 50' SPACING (TYP)

- NOTES**
1. FOR TEMPORARY PAVEMENT LAYOUT SEE TEMPORARY PAVEMENT DETAILS ON SHEET 28.
 2. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE TEMPORARY PAVEMENT MARKING, TYPE III, LINE 4".
 3. DURING PAVING OPERATIONS ADJACENT TO TRAVEL LANES, TRAFFIC CONTROL SHALL BE PER IDOT STD 701336-06.
 4. "WORKERS" SIGNS SHOULD BE COVERED OR REMOVED WHEN WORKERS ARE NOT PRESENT.



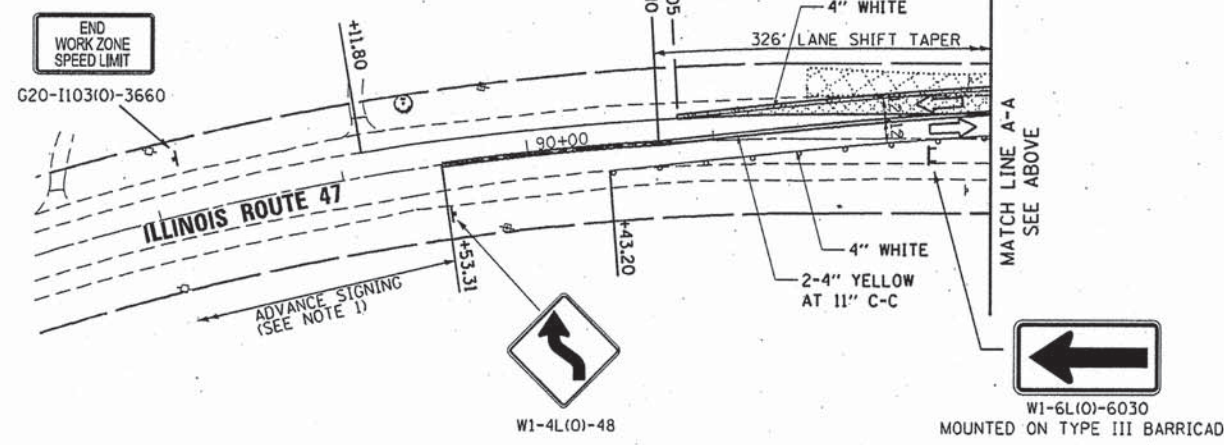
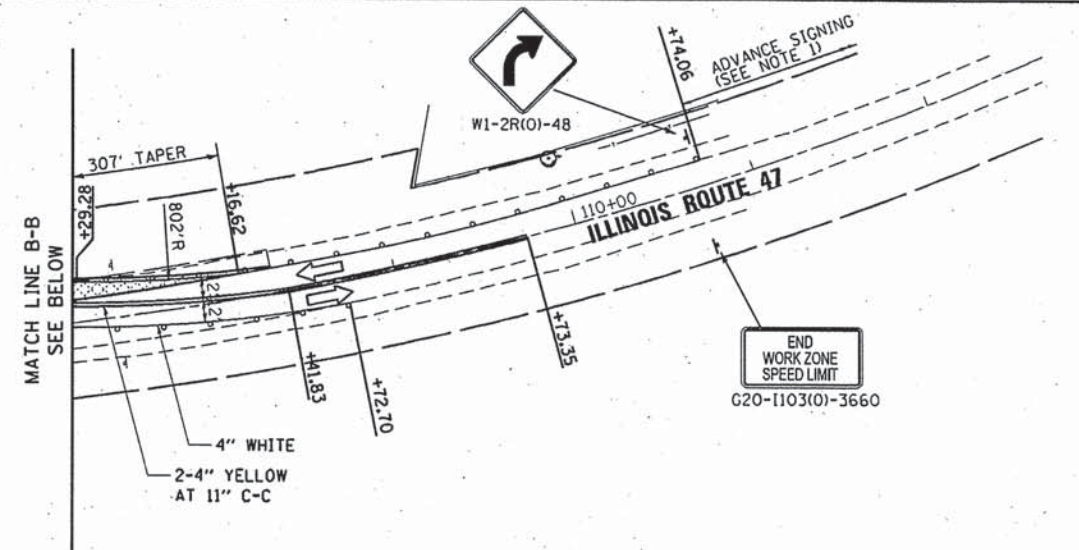
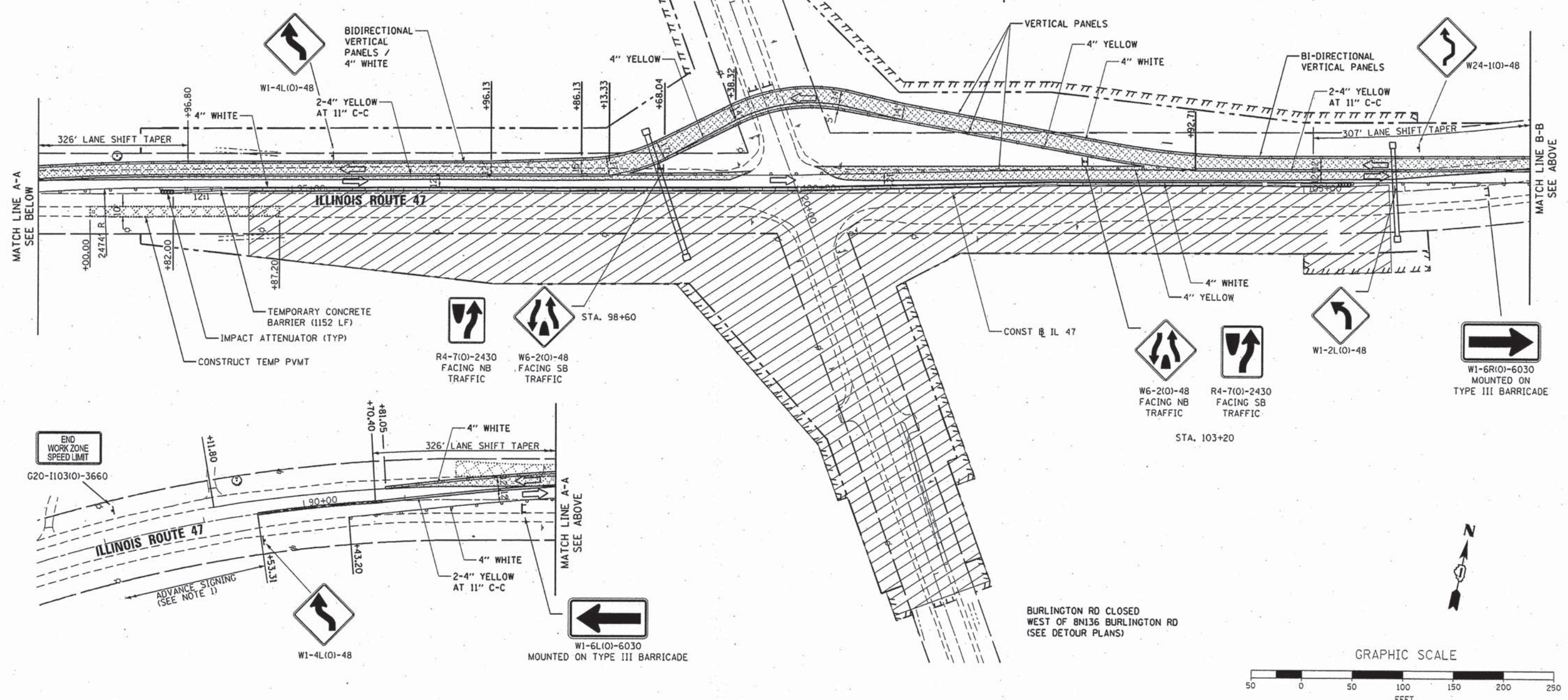
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PLOT SCALE = 50.0000' / 1" =	CHECKED - MAP	DATE - 6/17/2015	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 63779	
PLOT DATE = 7/16/2015	DATE - 6/17/2015	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT								

LEGEND

-  WORK ZONE
-  TEMPORARY PAVEMENT
-  DIRECTION OF TRAVEL
-  SIGN
-  TYPE III BARRICADE
-  BARRELS (OR PANELS WHERE NOTED) AT 50' SPACING (TYP)

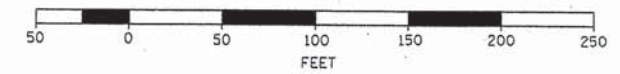
NOTES

1. SEE MAINTENANCE OF TRAFFIC DETAILS (SHEET 25) FOR LOCATION AND PLACEMENT OF SIGNING IN ADVANCE OF THE WORK ZONE.
2. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE TEMPORARY PAVEMENT MARKING, TYPE III, LINE 4".









BURLINGTON RD CLOSED WEST OF 8N136 BURLINGTON RD (SEE DETOUR PLANS)

GRAPHIC SCALE



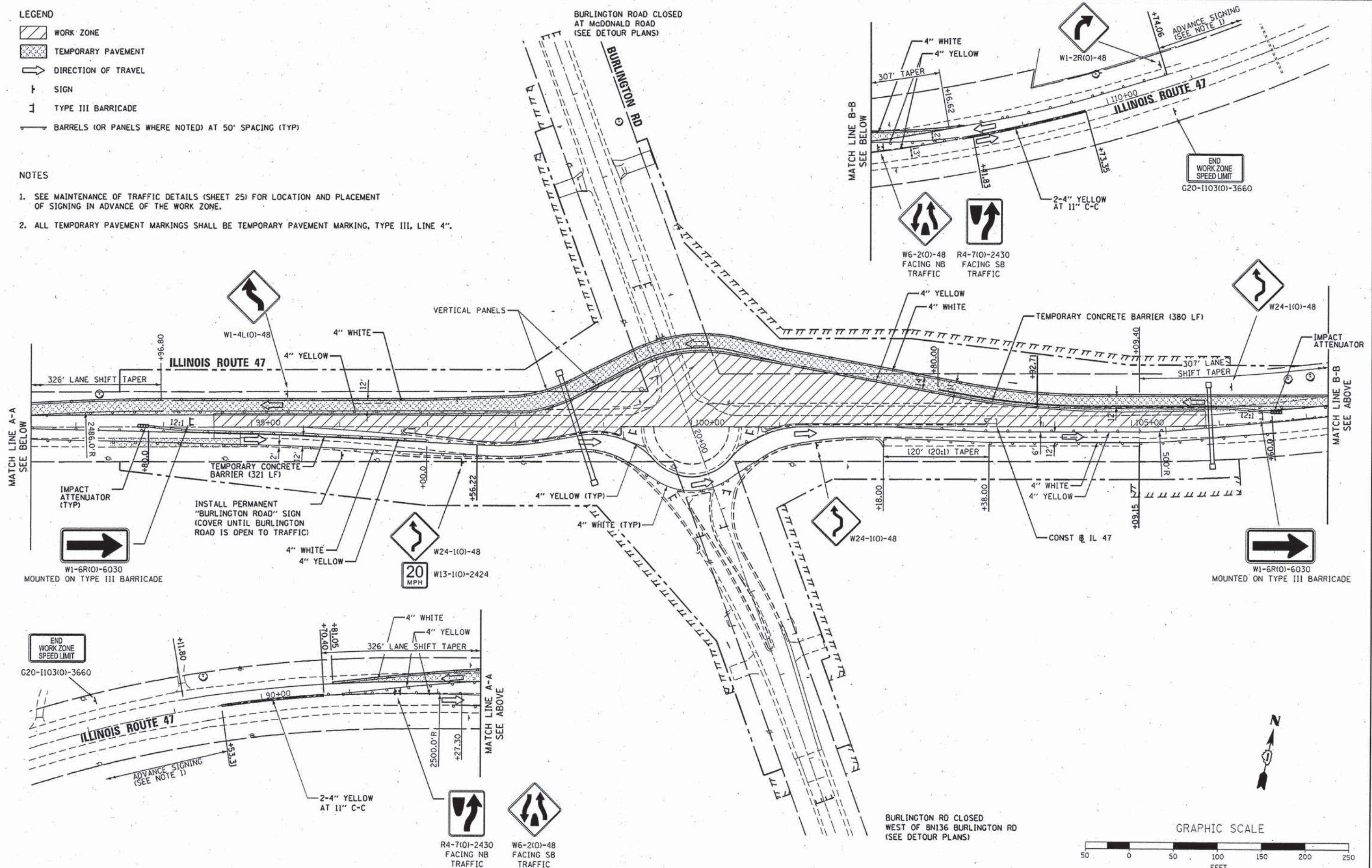
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PLOT SCALE = 50.0000' / in.	CHECKED - MAP	DATE - 6/17/2015	REVISED -		SCALE: 1"=50'	SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 63779				
PLOT DATE = 8/6/2015			REVISED -		ILLINOIS FED. AID PROJECT						

LEGEND

-  WORK ZONE
-  TEMPORARY PAVEMENT
-  DIRECTION OF TRAVEL
-  SIGN
-  TYPE III BARRICADE
-  BARRELS (OR PANELS WHERE NOTED) AT 50' SPACING (TYP)

NOTES

1. SEE MAINTENANCE OF TRAFFIC DETAILS (SHEET 25) FOR LOCATION AND PLACEMENT OF SIGNING IN ADVANCE OF THE WORK ZONE.
2. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE TEMPORARY PAVEMENT MARKING, TYPE III, LINE 4".



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 PLOT SCALE = 50.0000' / 1" = 50'
 PLOT DATE = 6/6/2015

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 DATE - 6/17/2015

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**


SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

**MAINTENANCE OF TRAFFIC -
 STAGE 3 CONSTRUCTION**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	32
CONTRACT NO. 63779				

ILLINOIS FED. AID PROJECT

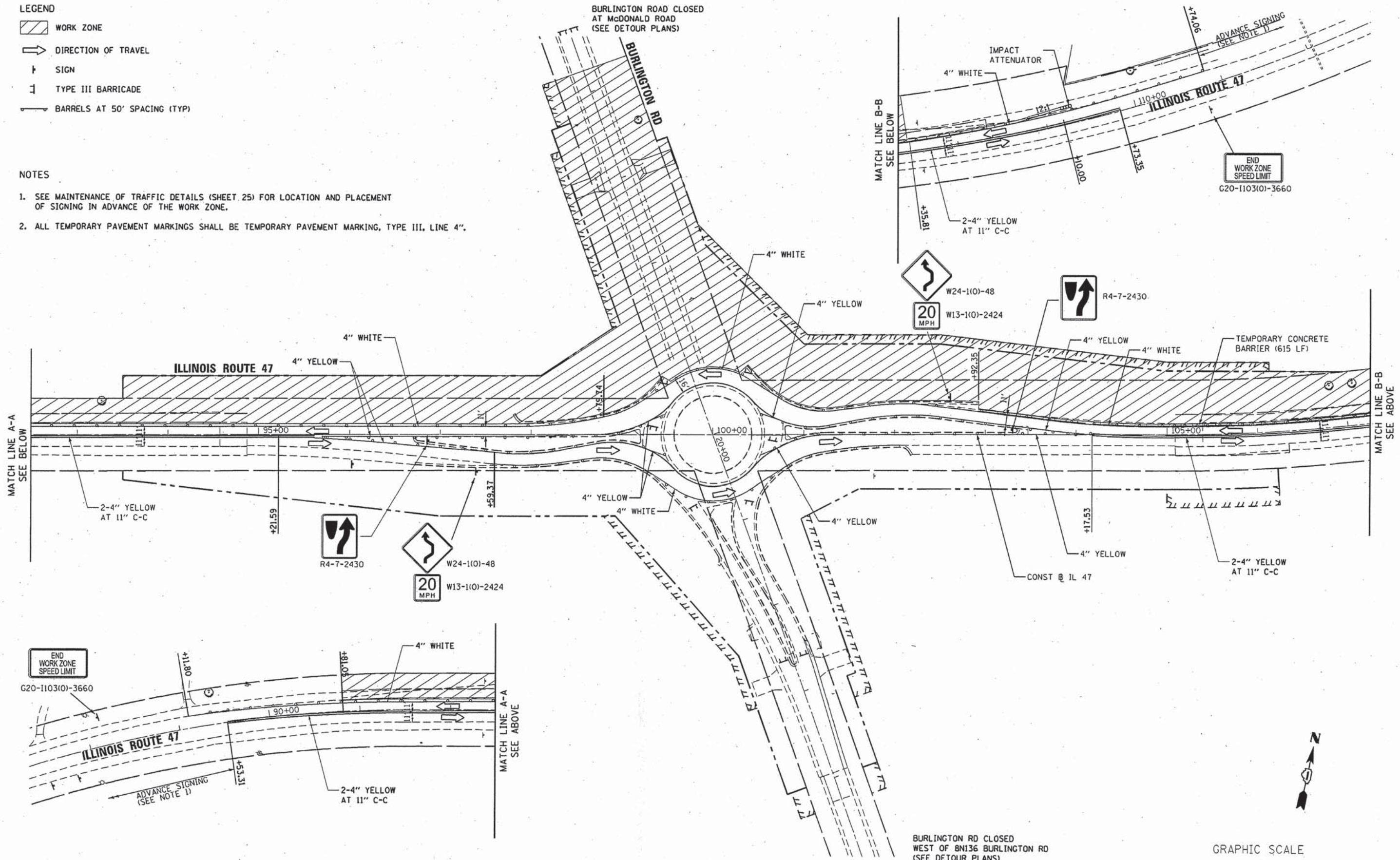
LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  SIGN
-  TYPE III BARRICADE
-  BARRELS AT 50' SPACING (TYP)

NOTES

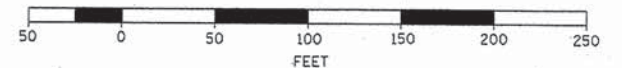
1. SEE MAINTENANCE OF TRAFFIC DETAILS (SHEET 25) FOR LOCATION AND PLACEMENT OF SIGNING IN ADVANCE OF THE WORK ZONE.
2. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE TEMPORARY PAVEMENT MARKING, TYPE III, LINE 4".

BURLINGTON ROAD CLOSED AT McDONALD ROAD (SEE DETOUR PLANS)



BURLINGTON RD CLOSED WEST OF 8N136 BURLINGTON RD (SEE DETOUR PLANS)

GRAPHIC SCALE



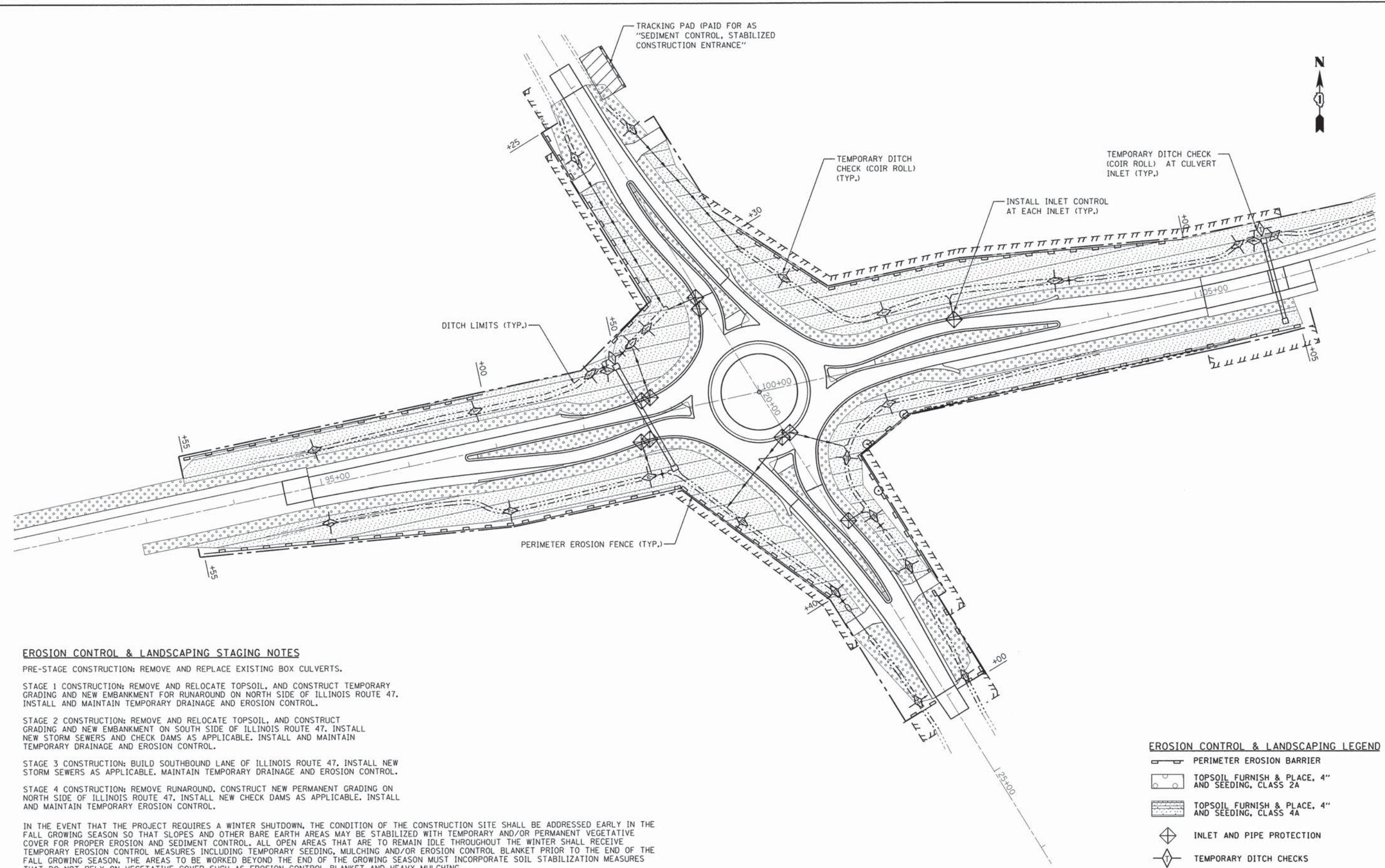
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	PLOT DATE = 8/6/2015	DATE - 6/17/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC -
STAGE 4 CONSTRUCTION

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	33
				CONTRACT NO. 63779
ILLINOIS FED. AID PROJECT				



EROSION CONTROL & LANDSCAPING STAGING NOTES

PRE-STAGE CONSTRUCTION: REMOVE AND REPLACE EXISTING BOX CULVERTS.

STAGE 1 CONSTRUCTION: REMOVE AND RELOCATE TOPSOIL, AND CONSTRUCT TEMPORARY GRADING AND NEW EMBANKMENT FOR RUNAROUND ON NORTH SIDE OF ILLINOIS ROUTE 47. INSTALL AND MAINTAIN TEMPORARY DRAINAGE AND EROSION CONTROL.

STAGE 2 CONSTRUCTION: REMOVE AND RELOCATE TOPSOIL, AND CONSTRUCT GRADING AND NEW EMBANKMENT ON SOUTH SIDE OF ILLINOIS ROUTE 47. INSTALL NEW STORM SEWERS AND CHECK DAMS AS APPLICABLE. INSTALL AND MAINTAIN TEMPORARY DRAINAGE AND EROSION CONTROL.

STAGE 3 CONSTRUCTION: BUILD SOUTHBOUND LANE OF ILLINOIS ROUTE 47. INSTALL NEW STORM SEWERS AS APPLICABLE. MAINTAIN TEMPORARY DRAINAGE AND EROSION CONTROL.

STAGE 4 CONSTRUCTION: REMOVE RUNAROUND. CONSTRUCT NEW PERMANENT GRADING ON NORTH SIDE OF ILLINOIS ROUTE 47. INSTALL NEW CHECK DAMS AS APPLICABLE. INSTALL AND MAINTAIN TEMPORARY EROSION CONTROL.

IN THE EVENT THAT THE PROJECT REQUIRES A WINTER SHUTDOWN, THE CONDITION OF THE CONSTRUCTION SITE SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.

EROSION CONTROL & LANDSCAPING LEGEND

- PERIMETER EROSION BARRIER
- TOPSOIL FURNISH & PLACE, 4" AND SEEDING, CLASS 2A
- TOPSOIL FURNISH & PLACE, 4" AND SEEDING, CLASS 4A
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS

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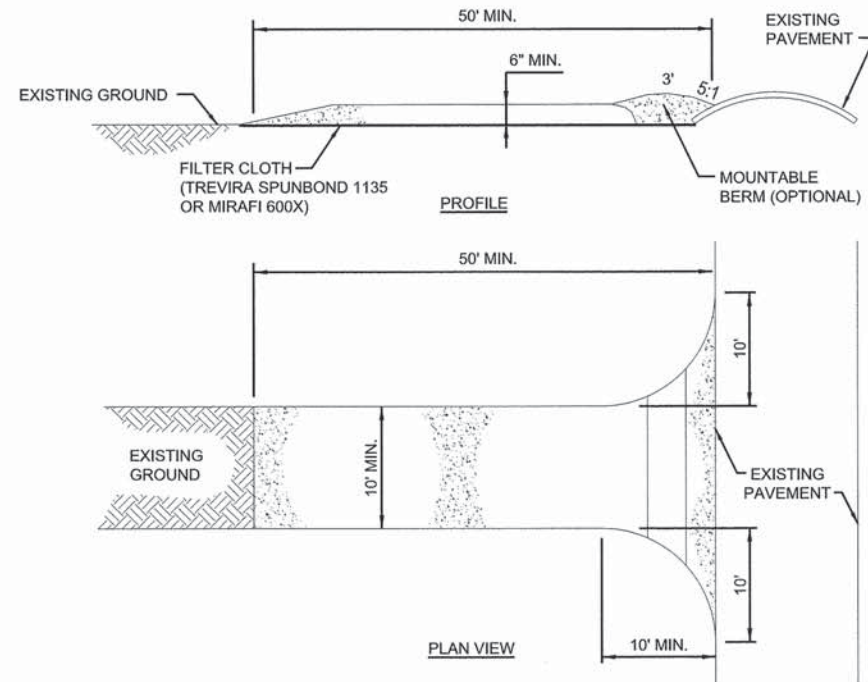
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN			
SCALE: 1" = 50'	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	34
CONTRACT NO. 63779				
ILLINOIS FED. AID PROJECT				

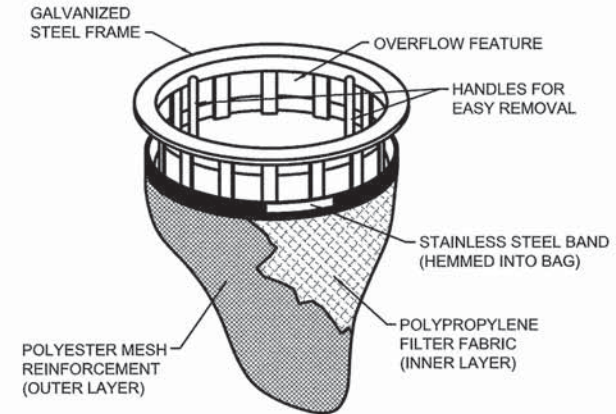


NOTE: ALL WORK SHOWN SHALL BE PAID FOR AS "SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE"

TRACKING PAD DETAIL
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 3" STONE, OR RECLAIMED OR RECYCLED EQUIVALENT.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPE WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



NOTE: INSTALL TEMPORARY FILTER BASKET IN ALL STORM STRUCTURES WITH PERFORATED LID. REMOVE AFTER FINAL PAVING HAS BEEN COMPLETED.

FILTER BASKET
NTS

INLET CONTROL

EROSION CONTROL GENERAL NOTES

- ALL PROVISIONS FOR THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WILL COMPLY WITH ALL THE CONDITIONS STIPULATED IN THE GENERAL NPDES PERMIT NO. ILR10 EFFECTIVE AUGUST 1, 2013 AND AS MODIFIED APRIL 30, 2014.
- THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO FINAL INSPECTION.
- PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE KDSWCD.
SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE PHASED PRIOR TO THE COMMENCEMENT OF ANY UPLAND DISTURBANCE. SOIL DISTURBANCE SHALL BE PHASED AND CONSTRUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION.
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED, AT A MINIMUM, ACCORDING TO THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE ILLINOIS URBAN MANUAL, REVISED TO THE LATEST EDITION AS AMENDED. A COPY OF THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IN CONJUNCTION WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
- THE INSTALLATION, MAINTENANCE, REMOVAL AND RESTORATION OF THE AREA DISTURBED BY THE PLACEMENT OF THE PERIMETER EROSION BARRIER ARE INCLUDED IN THE CONTRACT UNIT PRICE FOR PERIMETER EROSION BARRIER. AREAS DAMAGED BY THE PLACEMENT OF THE PERIMETER EROSION BARRIER WILL BE RESTORED AFTER ALL PERIMETER EROSION BARRIER IS REMOVED.
- THE CONTRACTOR SHALL CLEAN UP AND GRADE THE WORK AREA AS THE PROJECT PROGRESSES TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR SHALL INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT SHALL BE CLEANED DAILY TO REMOVE EARTHEN MATERIAL TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- ALL STORM SEWER INLET STRUCTURES SHALL BE PROTECTED WITH STORM SEWER INLET FILTERS AND INSTALLED PER MANUFACTURER SPECIFICATIONS.
- THE CONTRACTOR SHALL MAINTAIN AND PRESERVE ANY EXISTING SUB-SURFACE DRAINAGE SYSTEMS, SUCH AS FIELD TILES, ACCORDING TO EXISTING DESIGN AND CONSTRUCTION STANDARDS.
- DURING DEWATERING OPERATIONS, WATER WILL BE FILTERED OR PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO STREAMS, WETLANDS, FIELD TILES, OR STORMWATER STRUCTURES IS PROHIBITED.
- IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
- CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED. IN NO CASE SHALL THE EXISTING VEGETATION BE DESTROYED, REMOVED, OR DISTURBED MORE THAN FOURTEEN (14) DAYS PRIOR TO THE INITIATION OF IMPROVEMENTS.
- TEMPORARY AND/OR PERMANENT SOIL STABILIZATION (VEGETATION OR HARDSCAPE) SHALL BE APPLIED TO EXPOSED AREAS AS SOON AS POSSIBLE. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES. QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL. QUALIFIED PERSONNEL ARE PERSONS KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICES OF EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS A LICENSED PROFESSIONAL ENGINEER, A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC), A CERTIFIED EROSION SEDIMENT AND STORMWATER INSPECTOR (CESSWI), OR OTHER KNOWLEDGEABLE PERSON WHO POSSESS THE SKILLS TO ASSESS CONDITIONS AT THE CONSTRUCTION SITE THAT COULD IMPACT STORMWATER QUALITY AND MEASURES SELECTED TO CONTROL THE QUANTITY OF STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN (7) DAYS OF THE FOLLOWING: DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED; STRUCTURAL CONTROL MEASURES, INCLUDING BUT NOT LIMITED TO, SILT FENCE AND DITCH CHECKS; LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE.
- THE CONTRACTOR SHALL KEEP A WRITTEN REPORT SUMMARIZING THE REQUIRED INSPECTION EACH TIME AN INSPECTION TAKES PLACE. THE REPORTS MUST BE RETAINED FOR THREE (3) YEARS FROM THE DATE THAT THE NPDES ILR10 PERMIT COVERAGE EXPIRES OR IS TERMINATED.
- THE INSPECTOR SHALL NOTIFY THE APPROPRIATE AGENCY FIELD OPERATIONS SECTION OFFICE WITHIN 24 HOURS OF ANY INCIDENCE OF NON-COMPLIANCE FOR ANY VIOLATION OF THE STORM WATER POLLUTION PREVENTION PLAN OBSERVED DURING ANY INSPECTION CONDUCTED, OR FOR VIOLATIONS OF ANY CONDITION OF THIS PERMIT. NOTIFICATION SHALL BE MADE VIA E-MAIL AT epa.swnoncomp@illinois.gov, TELEPHONE, OR FAX. THE INSPECTOR MUST FILL OUT AND FILE WITHIN FIVE (5) DAYS TO THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND INCIDENCE OF NON-COMPLIANCE (ION) FORM WHEN REQUIRED BY THE PERMIT. THE REPORT SHALL INCLUDE THE FOLLOWING:
SCOPE OF INSPECTION
NAMES OF QUALIFIED PERSONNEL MAKING SAID INSPECTION
DATE OF SAID INSPECTION
MAJOR OBSERVATIONS INCLUDING IDENTIFIED POTENTIAL POLLUTANT SOURCES RELATING TO THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN
ACTIONS TAKEN BASED ON THE RESULTS OF THE INSPECTION.
- THE CONTRACTOR MUST COOPERATE WITH ANY AGENTS WHO MAKE THE SITE VISITS TO REVIEW COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN THE FIELD AND AUDIT THE LOGS AND RECORDS REQUIRED BY THE PERMIT.
- STOCKPILES OF SOIL SHALL NOT BE LOCATED WITHIN FLOODPLAINS, RIPARIAN AREAS, WETLANDS OR WATERS OF THE US.
- IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE (3) DAYS, THEN SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR SAID STOCKPILE. SEDIMENT AND EROSION CONTROL MAY BE COMPRISED OF SILT FENCE SURROUNDING THE STOCKPILE OR A COVERING OVER THE STOCKPILE.
- IF THE VOLUME, VELOCITY, SEDIMENT LOAD OR PEAK FLOW RATES OF STORM-WATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION THEN PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM FROM SUCH DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION.
- GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT THE DEPOSIT OF SILT FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY MUD, SOIL OR DEBRIS REACHING PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED IMMEDIATELY.
- CONCRETE WASHOUT SHOULD BE CONTAINED AT ALL TIMES. WASHOUT MATERIAL SHOULD NOT BE ALLOWED TO ENTER STORM SEWERS OR LEACH INTO THE SOIL UNDER ANY CIRCUMSTANCES. ANY WASTE SHOULD BE DISPOSED OF PROPERLY AND THE LOCATION OF THE WASHOUT SHOULD BE DESIGNATED WITH PROPER SIGNAGE.
- THE CONTRACTOR SHALL CONSULT WITH A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL FOR THE MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES.
- ALL TEMPORARY EROSION CONTROL MEASURES MUST BE MAINTAINED AND IMMEDIATELY REPLACED AS NEEDED AND AS DIRECTED BY THE INSPECTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL INSPECTION, MAINTENANCE AND REPAIR.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS, INCLUDING PERIMETER EROSION BARRIER, MUST BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL STABILIZATION IS COMPLETED, PROVIDED THAT SEEDING IS AT LEAST 90% ESTABLISHED OR OTHERWISE APPROVED BY THE ENGINEER.
- ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DIRT AND DEBRIS UPON COMPLETION OF ALL THE SITE WORK INCLUDING GROUND COVER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT FOR EROSION AND SEDIMENT CONTROL.
- DUST SHALL BE CONTROLLED BY THE UNIFORM APPLICATION OF WATER BY THE CONTRACTOR.
- EROSION CONTROL DEVICES MUST BE IN PLACE AND FUNCTIONAL BEFORE SOIL OR VEGETATION IS DISTURBED.
- ANY INLET PROTECTION SHALL BE CONSTRUCTED BEFORE LAND DISTURBANCE BEGINS.
- TEMPORARY DITCH CHECKS SHALL BE CONSTRUCTED SUCH THAT THE CENTER IS APPROXIMATELY 6-INCHES LOWER THAN THE OUTER EDGES SO WATER WILL FLOW ACROSS THE CENTER AND NOT AROUND THE ENDS. SPACING BETWEEN TEMPORARY DITCH CHECKS SHALL BE AS SHOWN ON THE PLANS. ADDITIONAL DITCH CHECKS MAY BE NECESSARY TO PROTECT ADJACENT CREEK OR WETLAND AS INDICATED BY THE INSPECTOR OR COUNTY.
- ANY AGGREGATE BASE EROSION CONTROL MEASURES SHALL BE REMOVED AND REPLACED WITH NEW AGGREGATE WHEN STRUCTURE BECOMES PLUGGED, SILT LADEN OR AS REQUIRED BY INSPECTION.
- ALL GREEN AREAS RESTORED TO PRE- CONSTRUCTION CONDITIONS WILL BE STABILIZED WITH TOPSOIL, SEED, AND TEMPORARY EROSION CONTROL BLANKET AS CONTAINED HEREIN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TEMPORARY DRAINAGE DURING THE PROJECT. DAMAGE TO THE SUBGRADE, EXISTING FACILITIES AND/OR CONSTRUCTED WORK WILL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER AT NO ADDITIONAL COST. ANY ALTERATIONS OR ADDITIONS TO THE EXISTING SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED TO THE COUNTY FOR APPROVAL AND EITHER ADDED TO THE EXISTING PLAN OR UTILIZED IN PLACE OF THE EXISTING PLAN.
- ALL OTHER SOIL EROSION CONTROL DEVICES AND MEASURES DEEMED NECESSARY BY THE INSPECTOR OR COUNTY SHALL BE IMPLEMENTED IMMEDIATELY UPON NOTIFICATION.

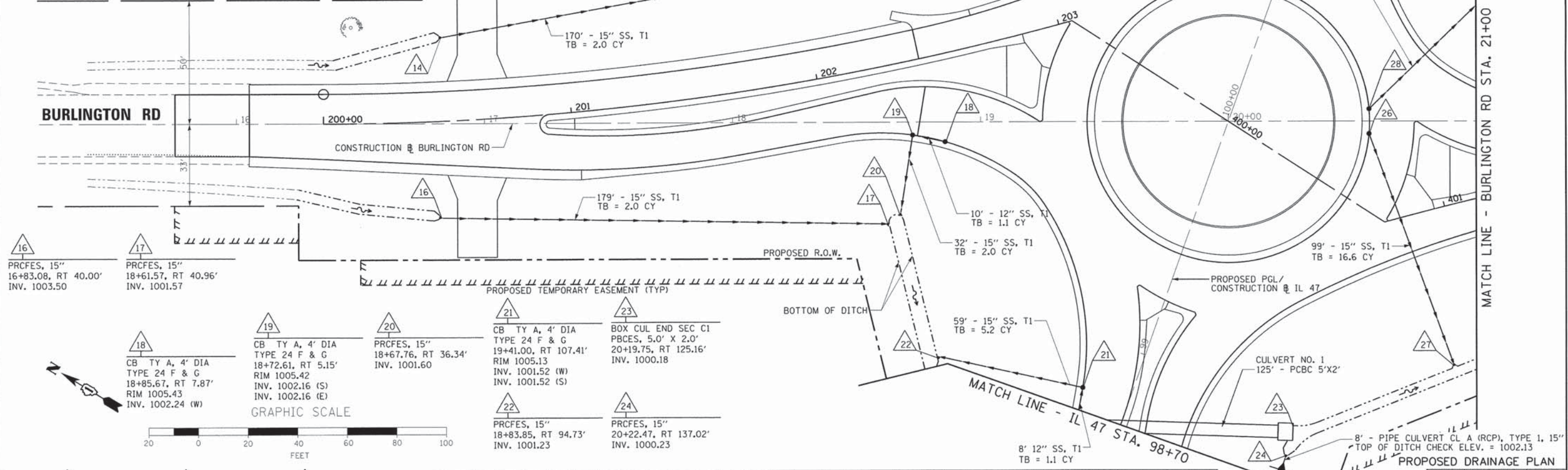
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		DRAWN - SM	REVISED -		SCALE: NO SCALE SHEET 2 OF 2 SHEETS STA. TO STA.				CONTRACT NO. 63779				
		CHECKED - DB	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE - 6/17/2015	REVISED -										

NOTES:

1. THE STATION/OFFSET/ELEVATION NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE.
2. THE STATION/OFFSET OF ALL END SECTIONS ARE LOCATED TO THE LAST SECTION OF THE CONNECTING PIPE. INVERT ELEVATIONS ARE AT THE TOE OF THE END SECTIONS.
3. SEE CROSS SECTIONS FOR BOTTOM OF DITCH GRADES.
4. ALL STATIONS AND OFFSETS ARE BASED ON THE CENTERLINES OF RIGHT-OF-WAY FOR IL 47 AND BURLINGTON ROAD UNLESS OTHERWISE NOTED.

14
PRCFES, 15"
16+83.08, LT 34.89'
INV. 1004.60

15
PRCFES, 15"
18+50, LT 64.89'
INV. 1001.25



16
PRCFES, 15"
16+83.08, RT 40.00'
INV. 1003.50

17
PRCFES, 15"
18+61.57, RT 40.96'
INV. 1001.57

18
CB TY A, 4' DIA
TYPE 24 F & G
18+85.67, RT 7.87'
RIM 1005.43
INV. 1002.24 (W)

19
CB TY A, 4' DIA
TYPE 24 F & G
18+72.61, RT 5.15'
RIM 1005.42
INV. 1002.16 (S)
INV. 1002.16 (E)

20
PRCFES, 15"
18+67.76, RT 36.34'
INV. 1001.60

21
CB TY A, 4' DIA
TYPE 24 F & G
19+41.00, RT 107.41'
RIM 1005.13
INV. 1001.52 (W)
INV. 1001.52 (S)

23
BOX CUL END SEC C1
PBCES, 5.0' X 2.0'
20+19.75, RT 125.16'
INV. 1000.18

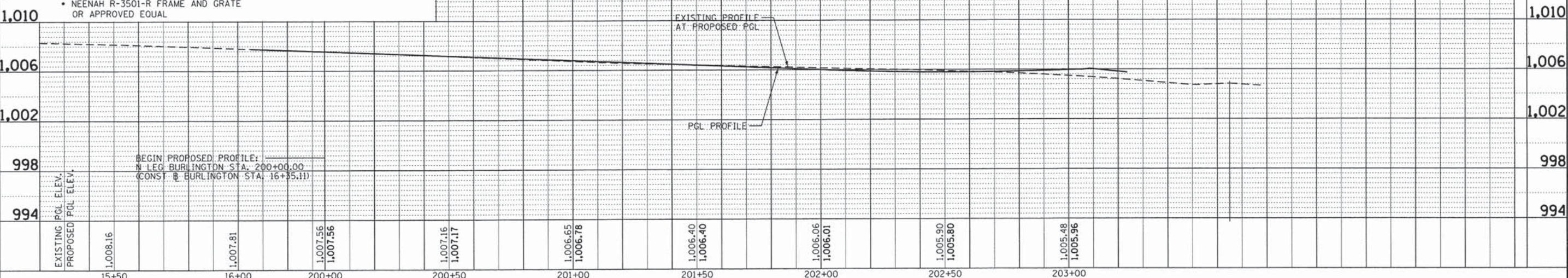
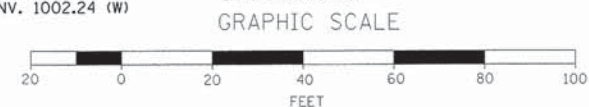
22
PRCFES, 15"
18+83.85, RT 94.73'
INV. 1001.23

24
PRCFES, 15"
20+22.47, RT 137.02'
INV. 1000.23

26
CB TY A, 4' DIA
SPECIAL F & G
20+56.78, RT 5.00'
RIM 1005.01
INV. 1000.70 (S)
• NEENAH R-3501-R FRAME AND GRATE
OR APPROVED EQUAL

27
PRCFES, 15"
20+90.61, RT 97.40'
INV. 999.98

28
CB TY A, 4' DIA
SPECIAL F & G
20+56.78, LT 5.00'
RIM 1005.04
INV. 1000.40 (E)

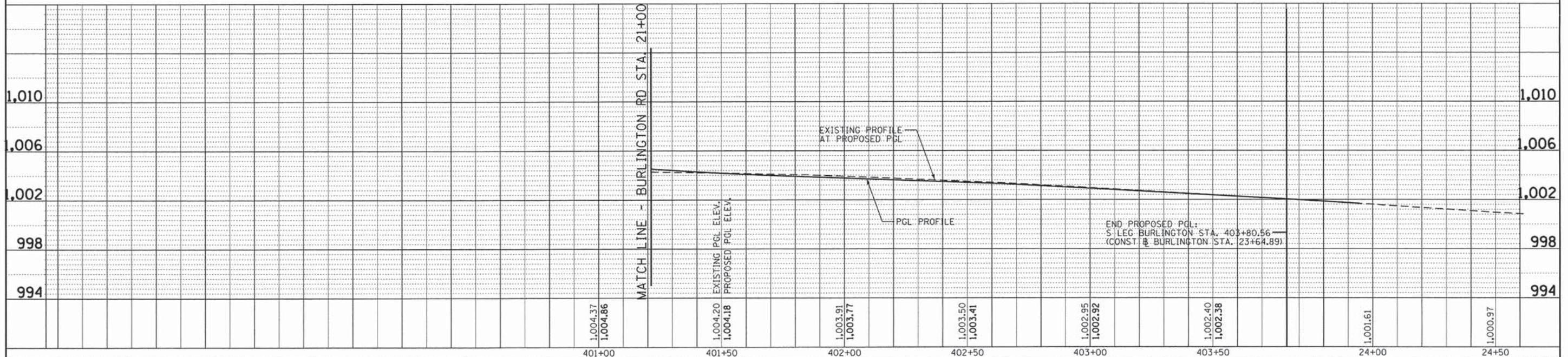
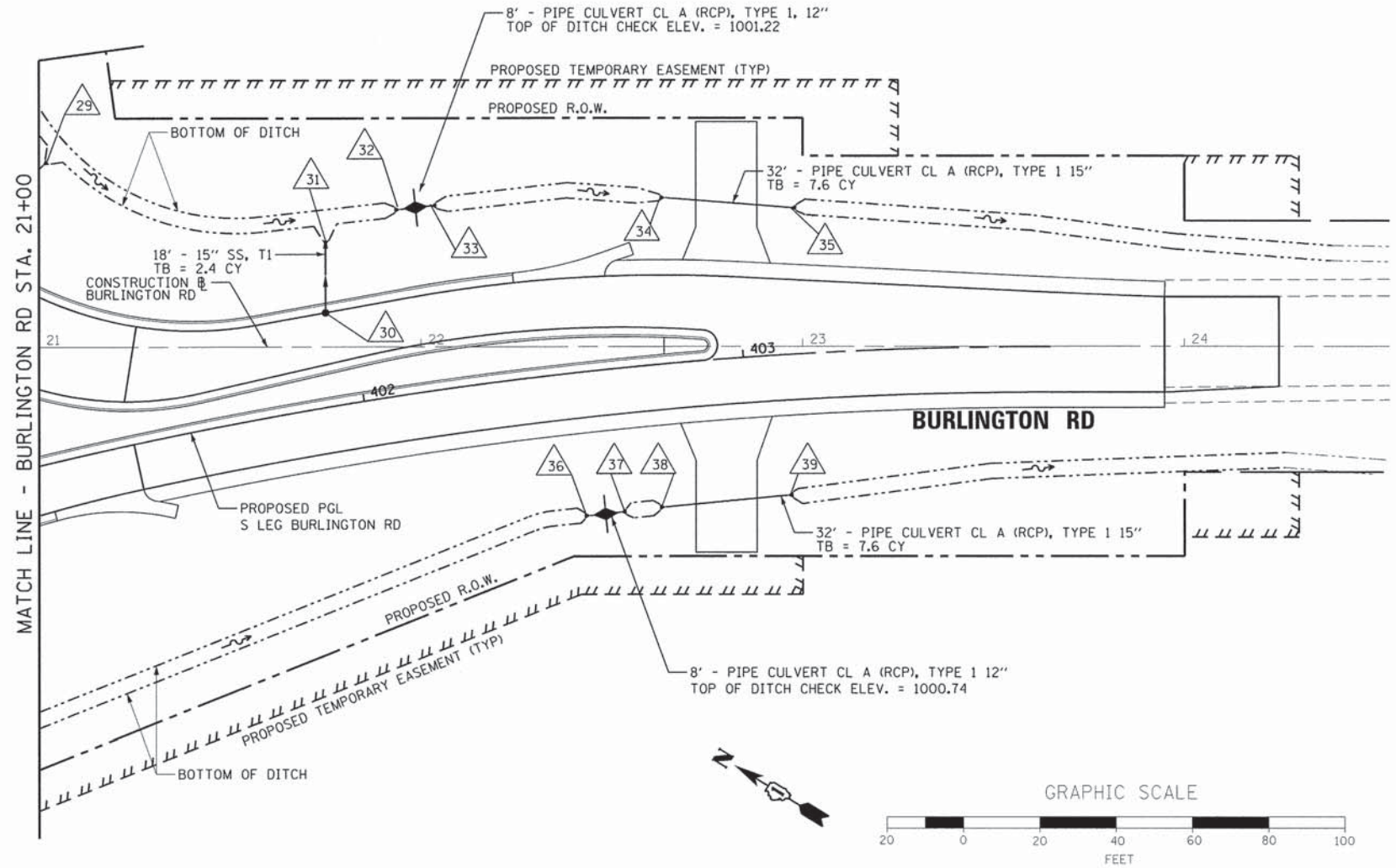


FILE NAME = 66343.dpbur_01.dgn	USER NAME = mpapirnik	DESIGNED - M. MACK	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">PROPOSED DRAINAGE PLAN AND PROFILE BURLINGTON ROAD</p> <p>SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 15+00 TO STA. 21+00</p>	F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 36
	PLOT SCALE = 20,0000' / 1in.	DRAWN - JIR	REVISED -		CONTRACT NO. 63779				
	PLOT DATE = 6/22/2015	CHECKED - MAP	REVISED -		ILLINOIS FED. AID PROJECT				
		DATE - 2/04/2013	REVISED -						

NOTES:

1. THE STATION/OFFSET/ELEVATION NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE.
2. THE STATION/OFFSET OF ALL END SECTIONS ARE LOCATED TO THE LAST SECTION OF THE CONNECTING PIPE. INVERT ELEVATIONS ARE AT THE TOE OF THE END SECTIONS.
3. SEE CROSS SECTIONS FOR BOTTOM OF DITCH GRADES.
4. ALL STATIONS AND OFFSETS ARE BASED ON THE CENTERLINES OF RIGHT-OF-WAY FOR IL 47 AND BURLINGTON ROAD UNLESS OTHERWISE NOTED.

29	33	37
PRCFES, 15" 21+01.03, LT 47.70' INV. 999.80	PRCFES, 12" 22+02.48, LT 37.34' INV. 999.45	PRCFES, 12" 22+52.26, RT 43.41' INV. 999.47
30	34	38
CB TY A, 4' DIA TYPE 24 F & G 21+75.00, LT 9.02' RIM 1003.56 INV. 999.78 (E)	PRCFES, 15" 22+64.00, LT 39.01' INV. 999.25	PRCFES, 15" 22+64.00, RT 42.10' INV. 998.99
31	35	39
PRCFES, 15" 21+75.00, LT 28.00' INV. 999.60	PRCFES, 15" 22+96.79, LT 36.44' INV. 999.13	PRCFES, 15" 22+96.00, RT 39.05' INV. 998.91
32	36	
PRCFES, 12" 21+94.53, LT 36.46' INV. 999.54	PRCFES, 12" 22+44.33, RT 44.53' INV. 999.52	



DATE	
BY	
REVISION	
PLANNING	
DESIGN	
CHECKED	
DATE	

DATE	
BY	
REVISION	
PLANNING	
DESIGN	
CHECKED	
DATE	

FILE NAME = 66343.dpbur.02.dgn	USER NAME = mpapirnik	DESIGNED - M. MACK	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED DRAINAGE PLAN AND PROFILE BURLINGTON ROAD				F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 37
PLOT SCALE = 28,0000' / in.	PLOT DATE = 8/22/2015	DRAWN - JIR	CHECKED - MAP	DATE - 2/04/2013	REVISIONS	SCALE: 1"=20'	SHEET 2 OF 2 SHEETS	STA. 21+00 TO STA. 24+50	CONTRACT NO. 63779				ILLINOIS FED. AID PROJECT			

1
PRCFES, 15"
98+30.03, LT 62.37
INV. 1001.10

2
PRCFES, 15"
98+40.19, LT 64.59
INV. 1001.00

3
PRCFES, 15"
98+55.21, LT 71.47
INV. 1001.00

4
PRCFES, 15"
98+63.25, LT 77.42
INV. 1001.10

5
BOX CUL END SEC C1
PBCEs 5.0' X 2.0'
98+50.58, LT 58.30
INV. 1000.94

6
CB TY A, 4' DIA
TYPE 24 F & G
98+69.13, LT 17.79
RIM. 1005.13
INV. 1001.56 (E)

7
CB TY A, 4' DIA
TYPE 24 F & G
98+69.13, RT 26.20
RIM. 1005.16
INV. 1000.89 (W)

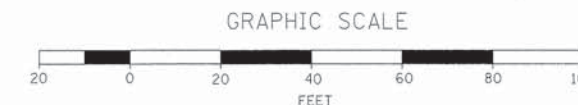
NOTES:

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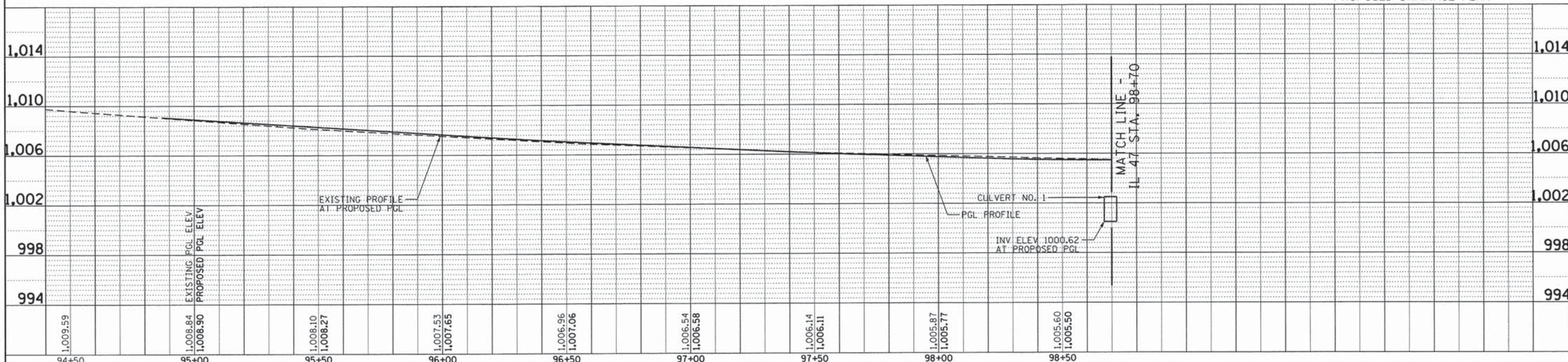
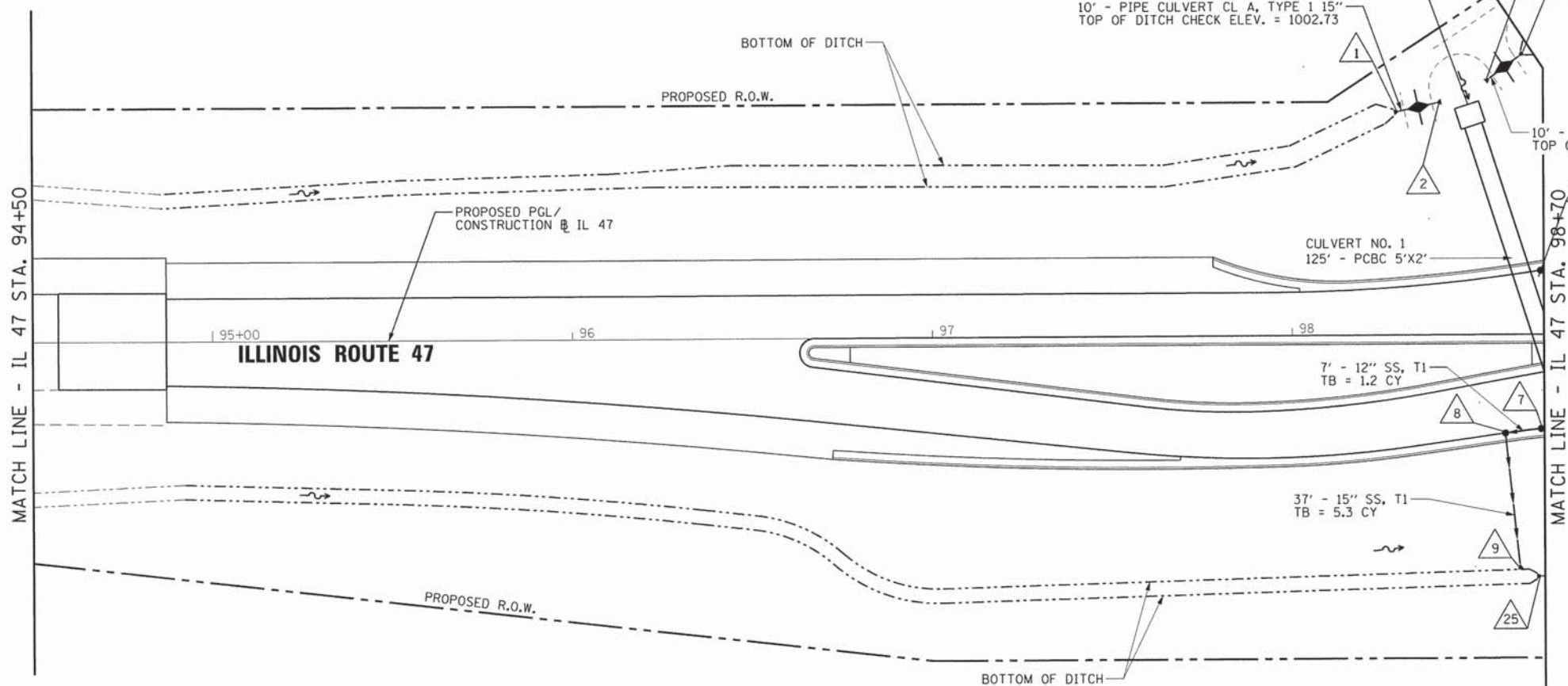
8
CB TY A, 4' DIA
TYPE 24 F & G
98+59.13, RT 27.42
RIM. 1005.17
INV. 1000.82 (E)
INV. 1000.82 (S)

9
PRCFES, 15"
98+63.00, RT 63.91
INV. 1000.40

25
PRCFES, 15"
98+69.23, RT 67.30
INV. 1000.29



PROPOSED DRAINAGE PLAN



FILE NAME = 66343.dwg	USER NAME = mpapirnsk	DESIGNED - M. MACK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN AND PROFILE ILLINOIS ROUTE 47				F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 38
PLOT SCALE = 28,0000' / in.	CHECKED - MAP	DATE - 2/04/2013	REVISED -		SCALE: 1"=20'	SHEET 1	OF 2 SHEETS	STA. 94+50	TO STA. 98+70	CONTRACT NO. 63779			
PLOT DATE = 6/22/2015	DRAWN - JIR	REVISOR -	REVISOR -		ILLINOIS FED. AID PROJECT								

PLAN	DATE	BY
NO.		
NO.		
NO.		
NO.		

PROFILE	DATE	BY
NO.		
NO.		
NO.		
NO.		

10
 CB TY A, 4' DIA
 TYPE 24 F & G
 102+30.14, LT 33.45
 RIM 1004.16
 INV. 1000.42 (N)

11
 PRCFES, 15"
 102+30.00, LT 55.85
 INV. 1000.10

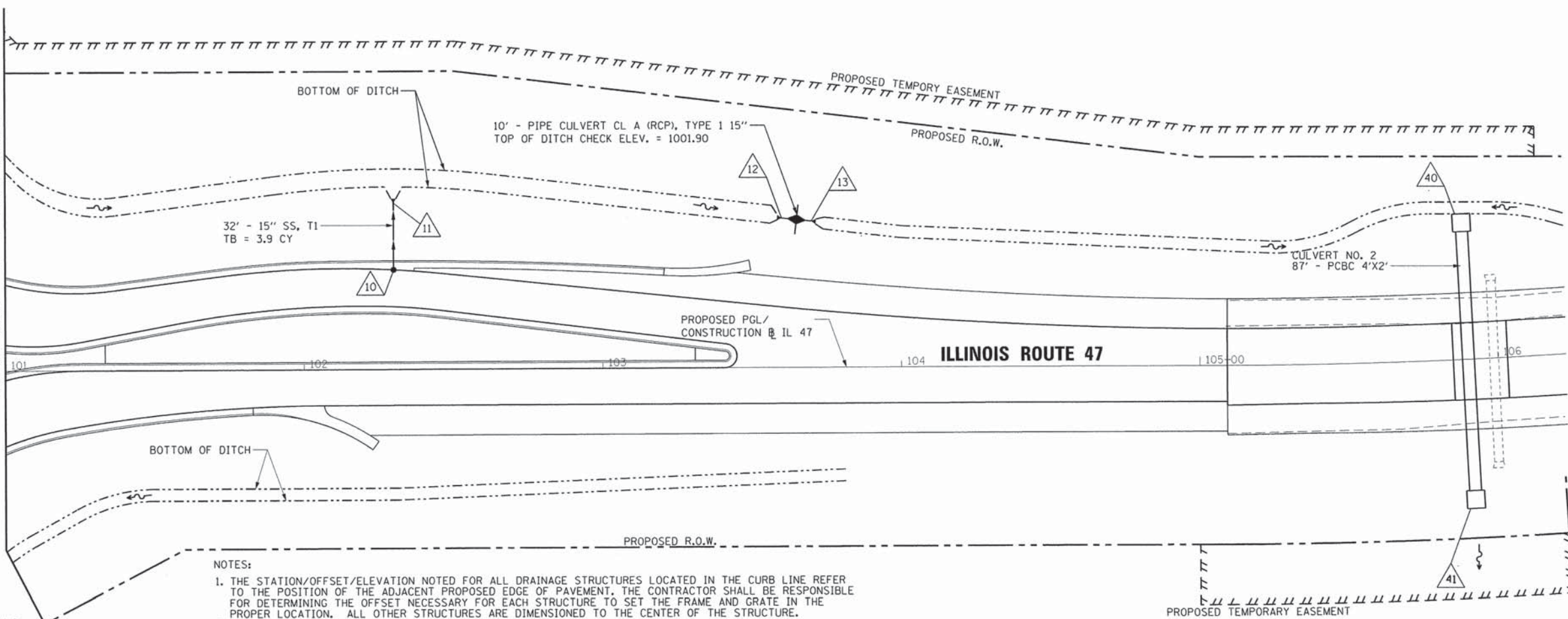
12
 PRCFES, 15"
 103+59.93, LT 50.21
 INV. 999.80

13
 PRCFES, 15"
 103+69.90, LT 49.11
 INV. 999.70

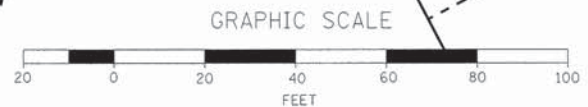
40
 BOX CUL END SEC C2
 PBCES, 4' X 2'
 105+89.76, LT 42.89
 INV. 998.90

41
 BOX CUL END SEC C2
 PBCES, 4' X 2'
 105+90.24, RT 44.03
 INV. 997.30

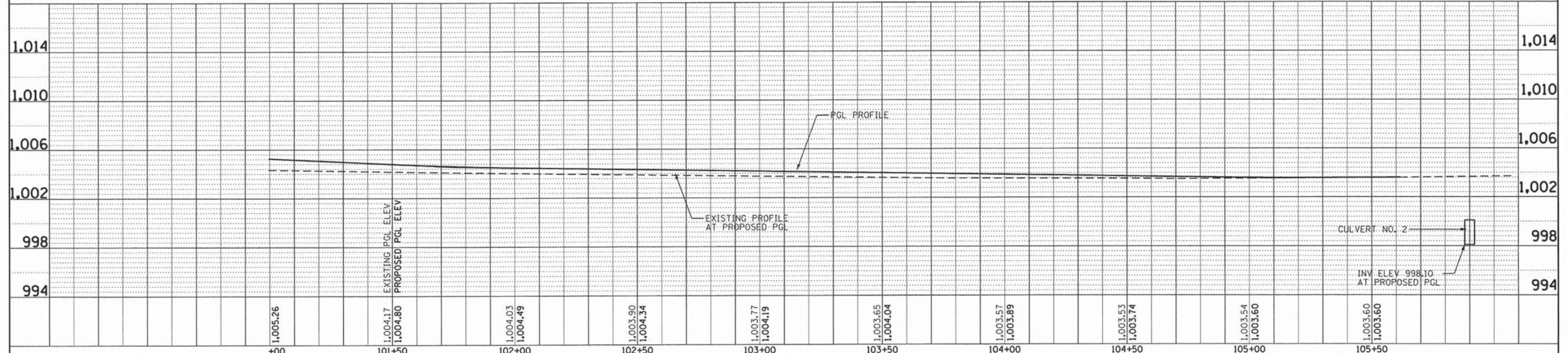
MATCH LINE - IL 47 STA. 101+00



- NOTES:
1. THE STATION/OFFSET/ELEVATION NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE.
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PROPOSED DRAINAGE PLAN



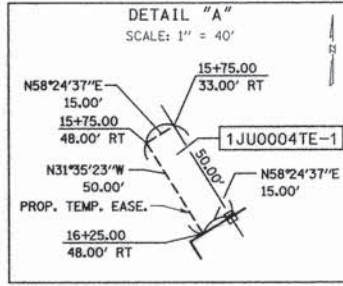
PLAN	REVISIONS	DATE

PROFILE	REVISIONS	DATE

FILE NAME = 66343.dpp47_02.dgn	USER NAME = mpapirnik	DESIGNED - M. MACK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN AND PROFILE ILLINOIS ROUTE 47				F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 39
PLOT SCALE = 20.0000' / 1"	CHECKED - MAP	DATE - 2/04/2013	REVISED -		SCALE: 1"=20'	SHEET 2 OF 2 SHEETS	STA. 101+00 TO STA. 105+50	CONTRACT NO. 63779					
PLOT DATE = 6/22/2015	DRAWN - JIR				ILLINOIS FED. AID PROJECT								

PART OF THE SW 1/4 OF SECTION 32, TWP. 41 N., R.7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

- FD 3/4" IP PER DOC. NO. 2002K38195
- P.O.C. PARCELS
- 1JU0001
- 1JU0001TE
- 1JU0002
- 1JU0002TE-1
- 1JU0002TE-2
- 1JU0002TE-3
- 1JU0003
- 1JU0003TE-1
- 1JU0003TE-2
- 1JU0004
- 1JU0004TE-1
- 1JU0004TE-2



SEE SHEET 2 FOR TOTAL HOLDING

STATE OF ILLINOIS)
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 32, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE MONUMENTS FOUND AND ESTABLISHED SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE KANE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT ELGIN, ILLINOIS THIS 28TH DAY OF March 2012 A.D.

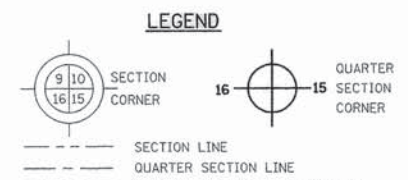
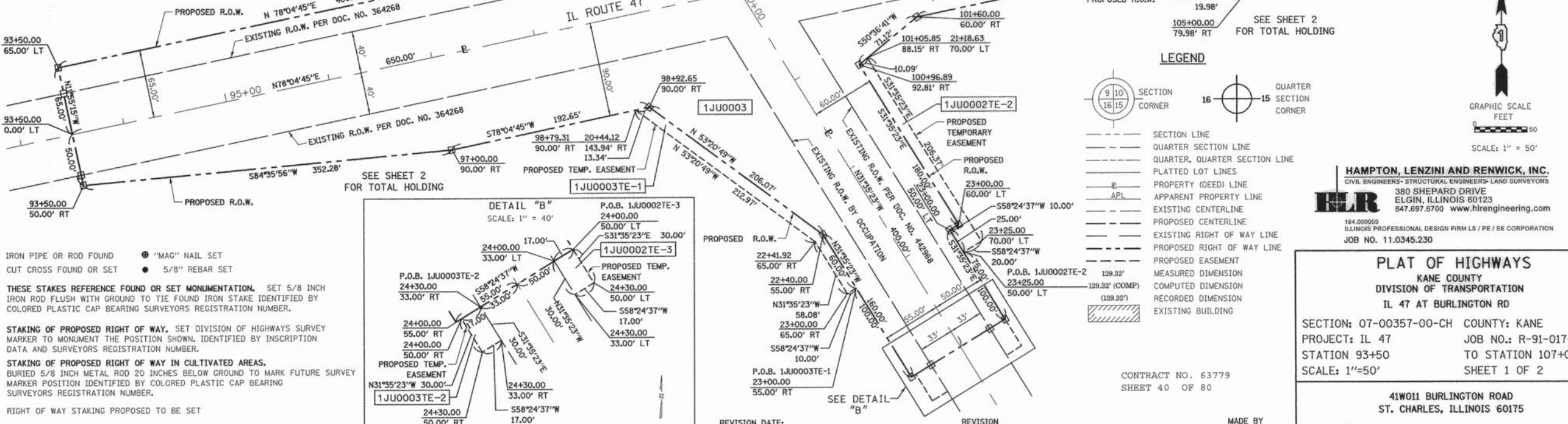
REJENA H. LYON
 3302 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
 LICENSE EXPIRATION DATE: 11/30/2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY. LICENSE EXPIRES 11/30/2012

Bearings are referenced to the Illinois State Plane Coordinate System, NAD83, East Zone.

PARCEL NUMBER	OWNER	PIN	TOTAL HOLDING	AREA TAKEN	AREA PREVIOUSLY USED	REMAINING AREA	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
1JU0001	MARY ANN ZEDONIS	05-32-300-012	15.029 Ac±	0.534 Ac±	0	14.495 Ac±	NA	NA	
1JU0001TE				NA	NA	NA	0.155 Ac±	GRADING	
1JU0002	GORDON STADE, AS TRUSTEE UNDER TRUST AGREEMENT DATED NOV. 15, 2005, KNOWN AS THE STADE FARM TRUST #11-05	05-32-300-014 05-32-400-001	52.692 Ac±	1.295 Ac±	0.830 Ac±	51.397 Ac±	NA	NA	
1JU0002TE-1				NA	NA	NA	0.057 Ac±	GRADING	
1JU0002TE-2				NA	NA	NA	0.053 Ac±	GRADING	
1JU0002TE-3				NA	NA	NA	0.012 Ac±	GRADING	
1JU0003	GORDON STADE, AS TRUSTEE UNDER TRUST AGREEMENT DATED NOV. 15, 2005, KNOWN AS THE STADE FARM TRUST #11-05	05-32-300-013 05-31-400-026	14.576 Ac±	1.756 Ac±	0.879 Ac±	12.820 Ac±	NA	NA	
1JU0003TE-1				NA	NA	NA	0.062 Ac±	GRADING	
1JU0003TE-2				NA	NA	NA	0.012 Ac±	GRADING	
1JU0004	GORDON STADE, AS TRUSTEE UNDER TRUST AGREEMENT DATED NOV. 15, 2005, KNOWN AS THE STADE FARM TRUST #11-05	05-32-300-010 05-31-400-025	42.777 Ac±	1.398 Ac±	0.838 Ac±	41.379 Ac±	NA	NA	
1JU0004TE-1				NA	NA	NA	0.017 Ac±	GRADING	
1JU0004TE-2				NA	NA	NA	0.046 Ac±	GRADING	

CURVE DATA
 P.I. STA= 119+94.32
 Δ= 78°45'13"
 R= 1809.57'
 T= 1485.17'
 L= 2487.27'
 P.C. STA= 105+09.15
 P.T. STA= 129+96.42



- IRON PIPE OR ROD FOUND
- ⊕ "MAC" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- TI THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- RIGHT OF WAY STAKING PROPOSED TO BE SET

HAMPTON, LENZINI AND RENWICK, INC.
 CIVIL ENGINEERS-STRUCTURAL ENGINEERS- LAND SURVEYORS
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 847.697.6700 www.hlrengineering.com

PLAT OF HIGHWAYS
 KANE COUNTY
 DIVISION OF TRANSPORTATION
 IL 47 AT BURLINGTON RD

SECTION: 07-00357-00-CH COUNTY: KANE
 PROJECT: IL 47 JOB NO.: R-91-017-07
 STATION 93+50 TO STATION 107+00
 SCALE: 1"=50' SHEET 1 OF 2

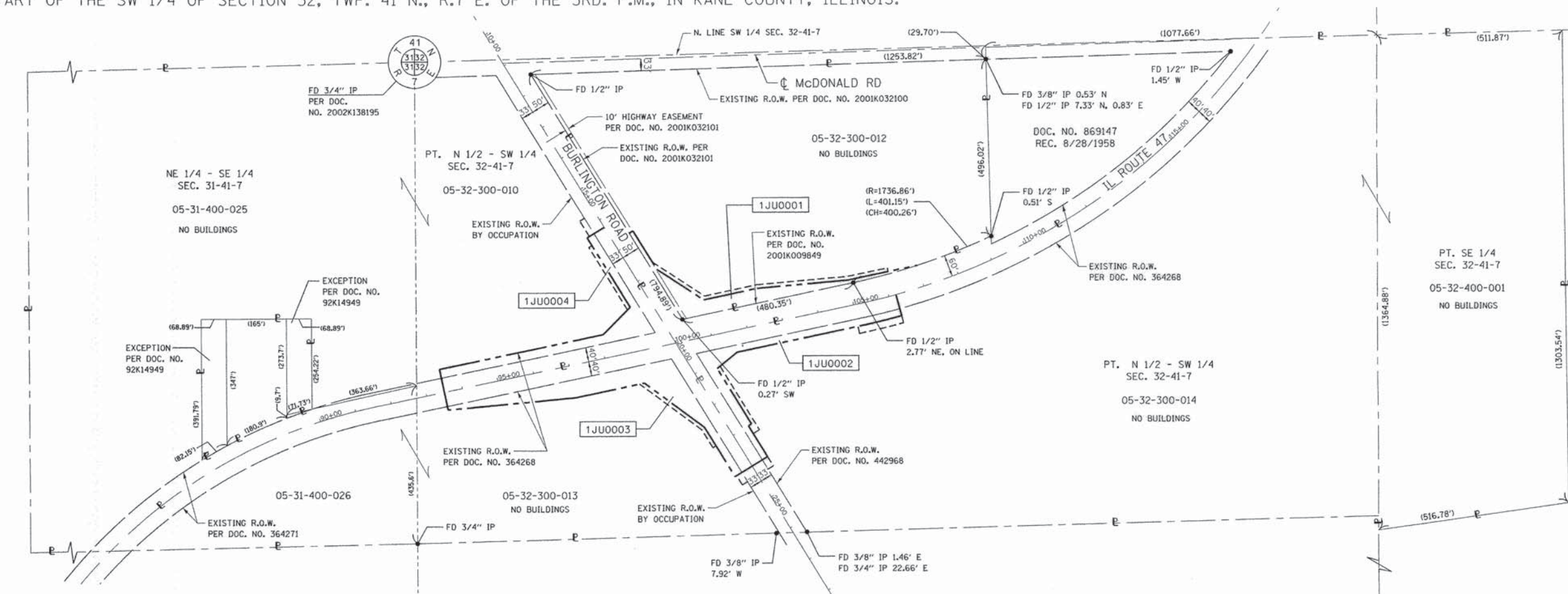
41W011 BURLINGTON ROAD
 ST. CHARLES, ILLINOIS 60175

CONTRACT NO. 63779
 SHEET 40 OF 80

REVISION DATE: REVISION

MADE BY

PART OF THE SW 1/4 OF SECTION 32, TWP. 41 N., R.7 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING



STATE OF ILLINOIS)
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 32, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE KANE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT ELGIN, ILLINOIS THIS 28TH DAY OF March 2012 A.D.

Rejena H. Lyon
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
 LICENSE EXPIRATION DATE: 11/30/2012



THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.

LICENSE EXPIRES 11/30/2012

FD STONE
 PER DOC.
 NO. 97K036321

Bearings are referenced to the Illinois State Plane Coordinate System, NAD83, East Zone.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- RIGHT OF WAY STAKING PROPOSED TO BE SET

CONTRACT NO. 63779
 SHEET 40A OF 80

REVISION DATE: REVISION:

MADE BY:

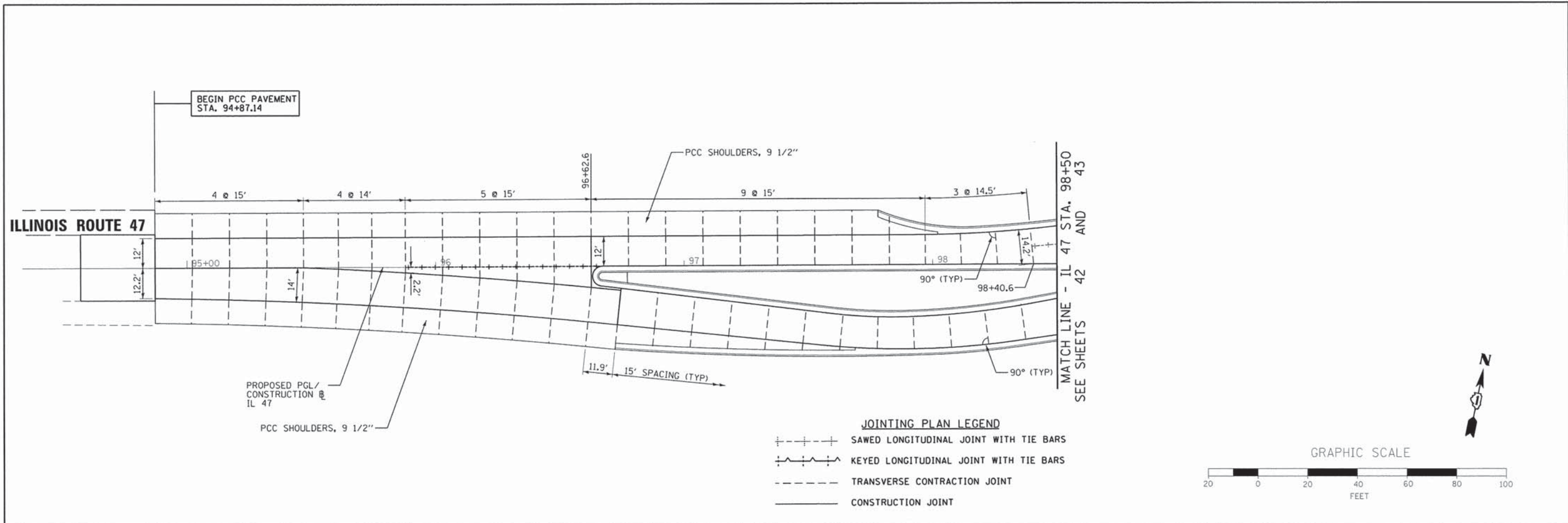
HAMPTON, LENZINI AND RENWICK, INC.
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184-00059
 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
 JOB NO. 11.0345.230

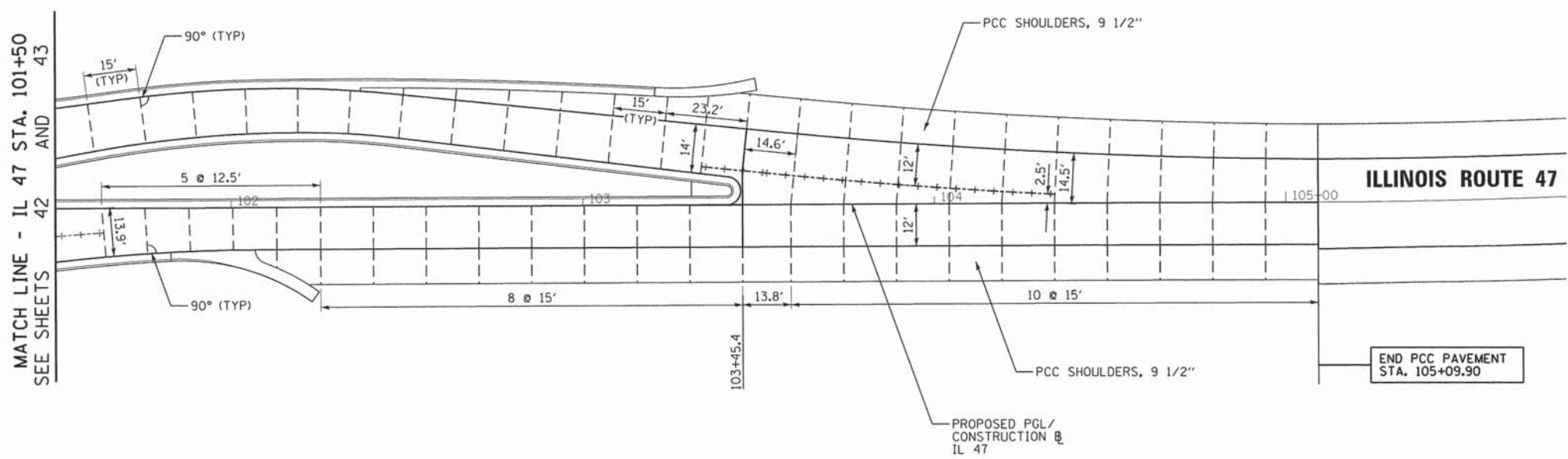
PLAT OF HIGHWAYS
 KANE COUNTY
 DIVISION OF TRANSPORTATION
 IL 47 AT BURLINGTON RD

SECTION: 07-00357-00-CH COUNTY: KANE
 PROJECT: IL 47 JOB NO.: R-91-017-07
 STATION 93+50 TO STATION 107+00
 SCALE: 1"=150' SHEET 2 OF 2

41W011 BURLINGTON ROAD
 ST. CHARLES, ILLINOIS 60175



- NOTES:
1. ALL PCC JOINTING SHALL MEET THE REQUIREMENTS OF IDOT HIGHWAY STANDARD BLR 10-6.
 2. SAWED TRANSVERSE JOINTS SPACING SHALL NOT EXCEED 15 FEET.



FILE NAME = 66343_jntplan.dgn	USER NAME = mpeprnh	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING PLAN ILLINOIS ROUTE 47			F.A.P. RTE. = 326	SECTION = 07-00357-00-CH	COUNTY = KANE	TOTAL SHEETS = 80	SHEET NO. = 41	
	PLOT SCALE = 20.0000' / in.	CHECKED - MAP	REVISED -		SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA. 94+50 TO STA. 98+70	CONTRACT NO. 63779					
	PLOT DATE = 6/22/2015	DATE = 6/17/2015	REVISED -			ILLINOIS FED. AID PROJECT							

JOINING PLAN LEGEND

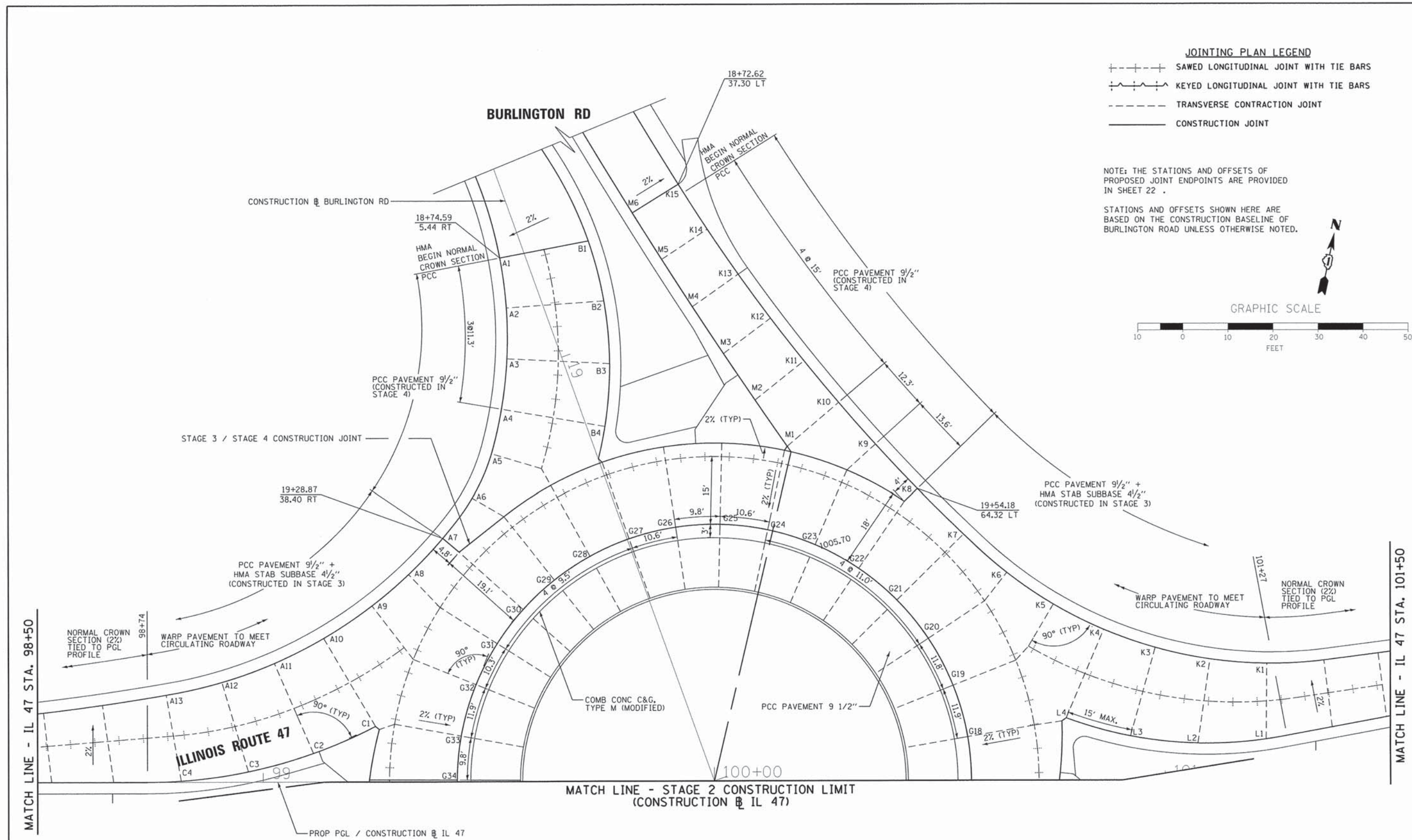
- +---+---+ SAWED LONGITUDINAL JOINT WITH TIE BARS
- +---+---+ KEYED LONGITUDINAL JOINT WITH TIE BARS
- TRANSVERSE CONTRACTION JOINT
- CONSTRUCTION JOINT

NOTE: THE STATIONS AND OFFSETS OF PROPOSED JOINT ENDPOINTS ARE PROVIDED IN SHEET 22 .

STATIONS AND OFFSETS SHOWN HERE ARE BASED ON THE CONSTRUCTION BASELINE OF BURLINGTON ROAD UNLESS OTHERWISE NOTED.

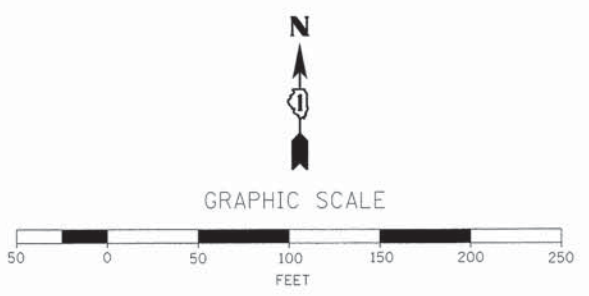
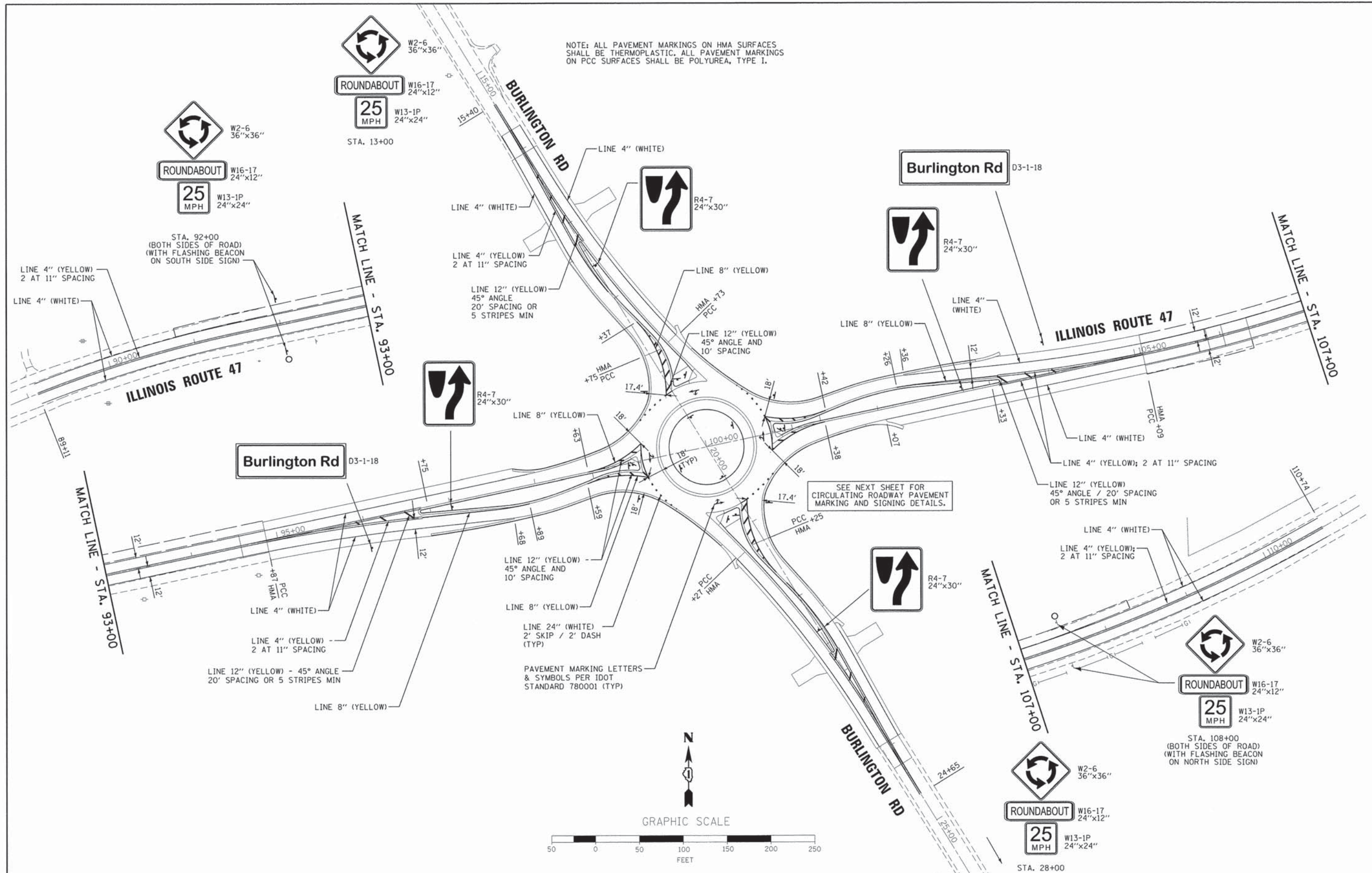


GRAPHIC SCALE



FILE NAME = 66343_intdet3.dgn USER NAME = mpeirnik PLOT SCALE = 18,0000' / in. PLOT DATE = 6/22/2015	DESIGNED - MAP DRAWN - MAP CHECKED - M. MACK DATE - 6/17/2015	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELEVATION AND JOINING DETAILS AT CIRCULATING ROADWAY (STAGE 3 AND 4 CONSTRUCTION)		F.A.P. RTE. 326 SECTION 07-00357-00-CH COUNTY KANE TOTAL SHEETS 80 SHEET NO. 43	
	MATCH LINE - STAGE 2 CONSTRUCTION LIMIT (CONSTRUCTION @ IL 47)			SCALE: AS SHOWN SHEET 2 OF 2 SHEETS STA. TO STA.		CONTRACT NO. 63779 ILLINOIS FED. AID PROJECT	
	MATCH LINE - IL 47 STA. 98+50						
	MATCH LINE - IL 47 STA. 101+50						

NOTE: ALL PAVEMENT MARKINGS ON HMA SURFACES SHALL BE THERMOPLASTIC. ALL PAVEMENT MARKINGS ON PCC SURFACES SHALL BE POLYUREA, TYPE 1.



FILE NAME = 66343_pvmark01.dgn

USER NAME = mpapirnik
 PLOT SCALE = 50.0000' / 1" =
 PLOT DATE = 6/22/2015

DESIGNED - MAP
 DRAWN - JIR
 CHECKED - MAP
 DATE - 6/17/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING
 AND SIGNING PLAN**

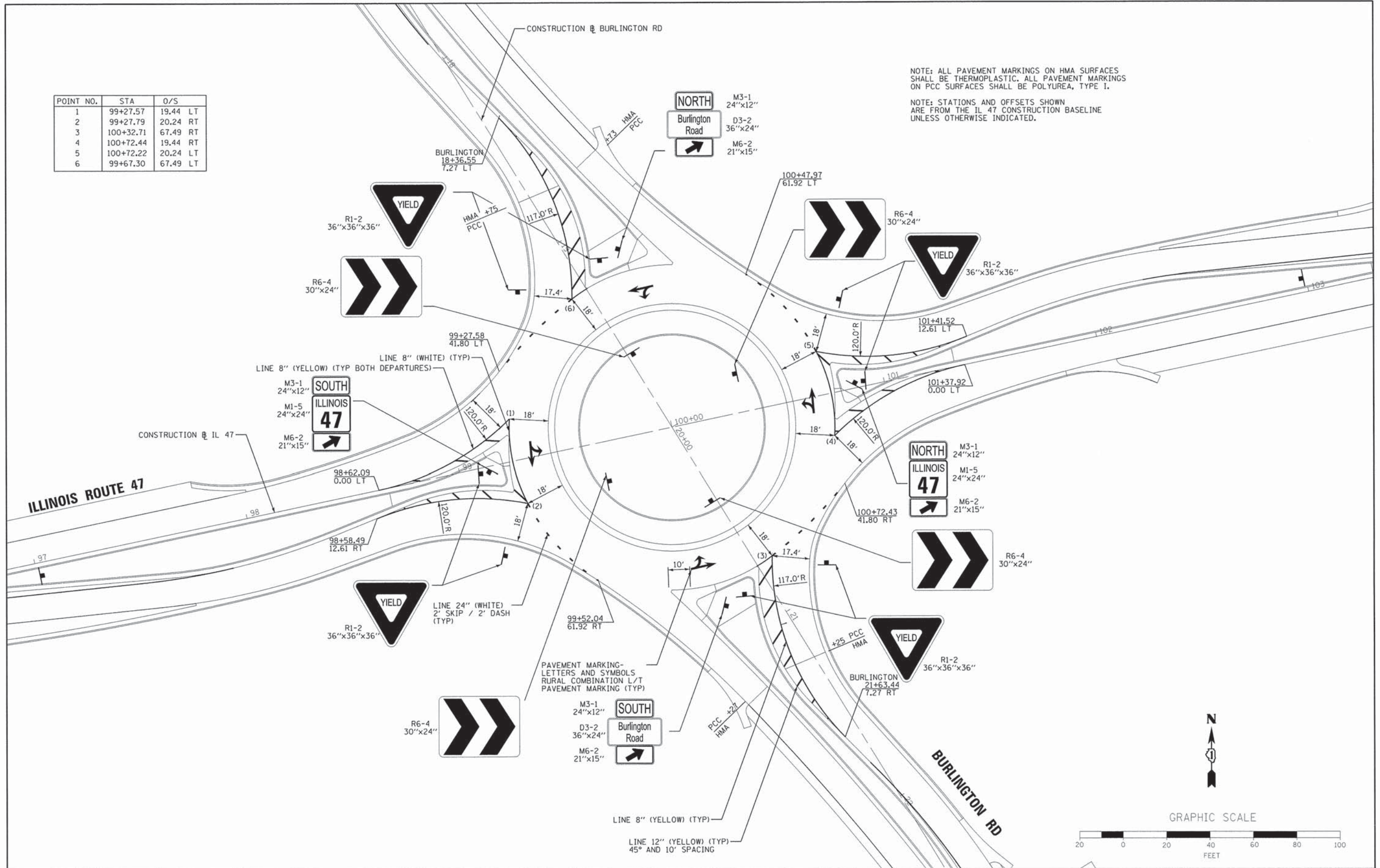
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	44
CONTRACT NO. 63779				
ILLINOIS FED. AID PROJECT				

POINT NO.	STA	O/S
1	99+27.57	19.44 LT
2	99+27.79	20.24 RT
3	100+32.71	67.49 RT
4	100+72.44	19.44 RT
5	100+72.22	20.24 LT
6	99+67.30	67.49 LT

NOTE: ALL PAVEMENT MARKINGS ON HMA SURFACES SHALL BE THERMOPLASTIC. ALL PAVEMENT MARKINGS ON PCC SURFACES SHALL BE POLYUREA, TYPE I.

NOTE: STATIONS AND OFFSETS SHOWN ARE FROM THE IL 47 CONSTRUCTION BASELINE UNLESS OTHERWISE INDICATED.



FILE NAME = 66343.pvma-kb2.dgn

USER NAME = mpapirnik
 PLOT SCALE = 28,0000 ' / in.
 PLOT DATE = 6/22/2015

DESIGNED - MAP
 DRAWN - MAP
 CHECKED - M. MACK
 DATE - 6/17/2015

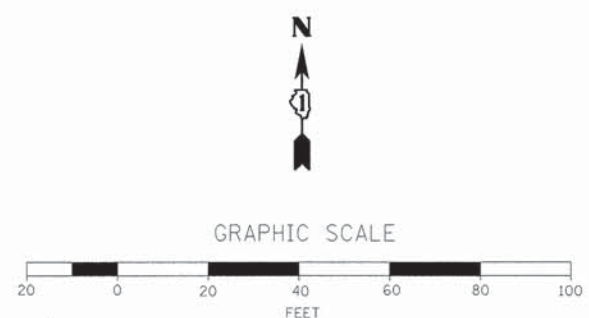
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING
 AT CIRCULATING ROADWAY**

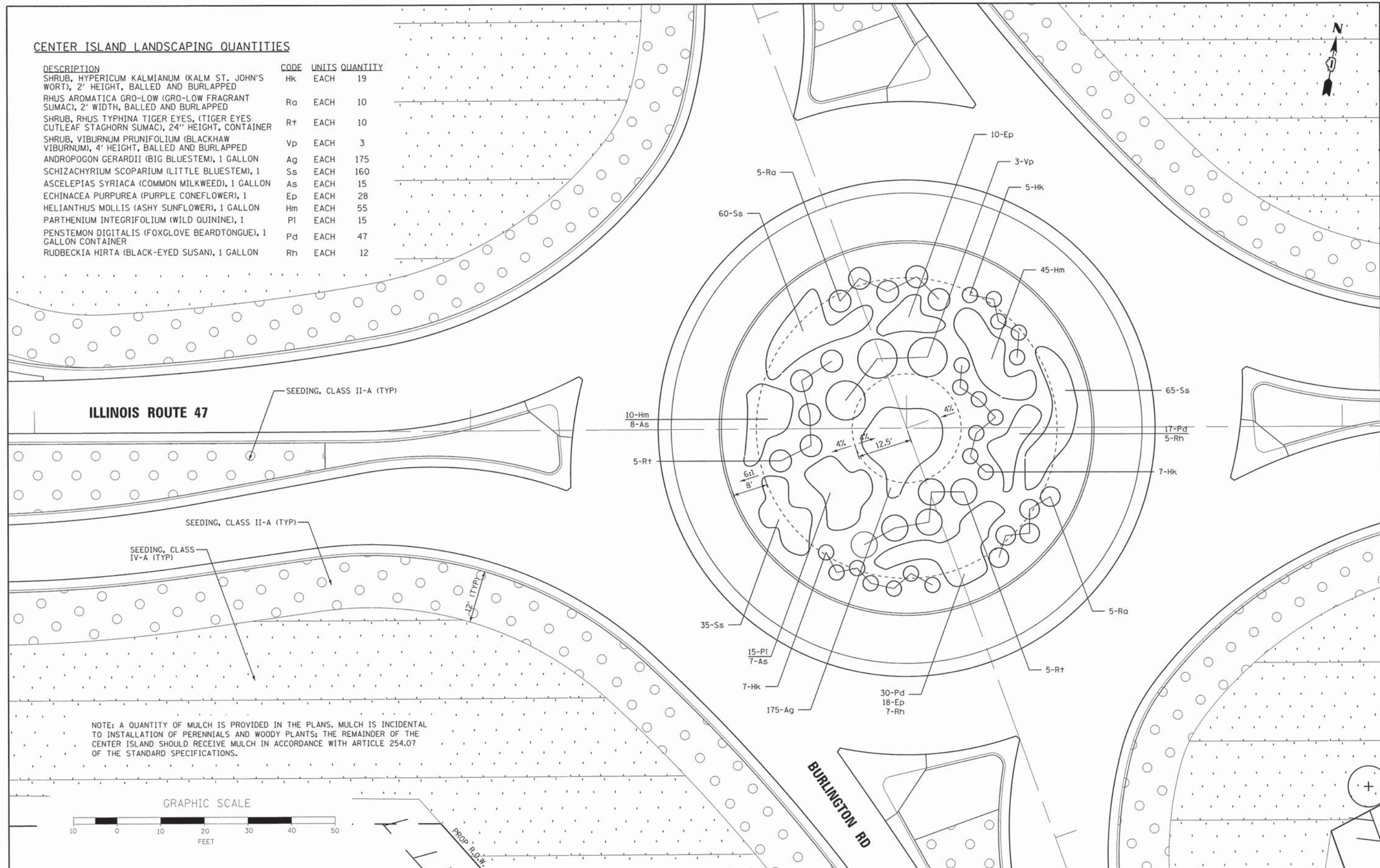
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	45
CONTRACT NO. 63779				
ILLINOIS FED. AID PROJECT				



CENTER ISLAND LANDSCAPING QUANTITIES

DESCRIPTION	CODE	UNITS	QUANTITY
SHRUB, HYPERICUM KALMIANUM (KALM ST. JOHN'S WORT), 2' HEIGHT, BALLED AND BURLAPPED	Hk	EACH	19
RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 2' WIDTH, BALLED AND BURLAPPED	Ro	EACH	10
SHRUB, RHUS TYPHINA TIGER EYES, (TIGER EYES CUTLEAF STAGHORN SUMAC), 24" HEIGHT, CONTAINER	Rt	EACH	10
SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 4' HEIGHT, BALLED AND BURLAPPED	Vp	EACH	3
ANDROPOGON GERARDII (BIG BLUESTEM), 1 GALLON	Ag	EACH	175
SCHIZACHYRIUM SCOPARIUM (LITTLE BLUESTEM), 1	Ss	EACH	160
ASCELEPIAS SYRIACA (COMMON MILKWEED), 1 GALLON	As	EACH	15
ECHINACEA PURPUREA (PURPLE CONEFLOWER), 1	Ep	EACH	28
HELIANTHUS MOLLIS (ASHY SUNFLOWER), 1 GALLON	Hm	EACH	55
PARTHENIUM INTEGRIFOLIUM (WILD QUININE), 1	Pi	EACH	15
PENSTEMON DIGITALIS (FOXGLOVE BEARDTONGUE), 1 GALLON CONTAINER	Pd	EACH	47
RUDBECKIA HIRTA (BLACK-EYED SUSAN), 1 GALLON	Rh	EACH	12



ELECTRICAL GENERAL NOTES

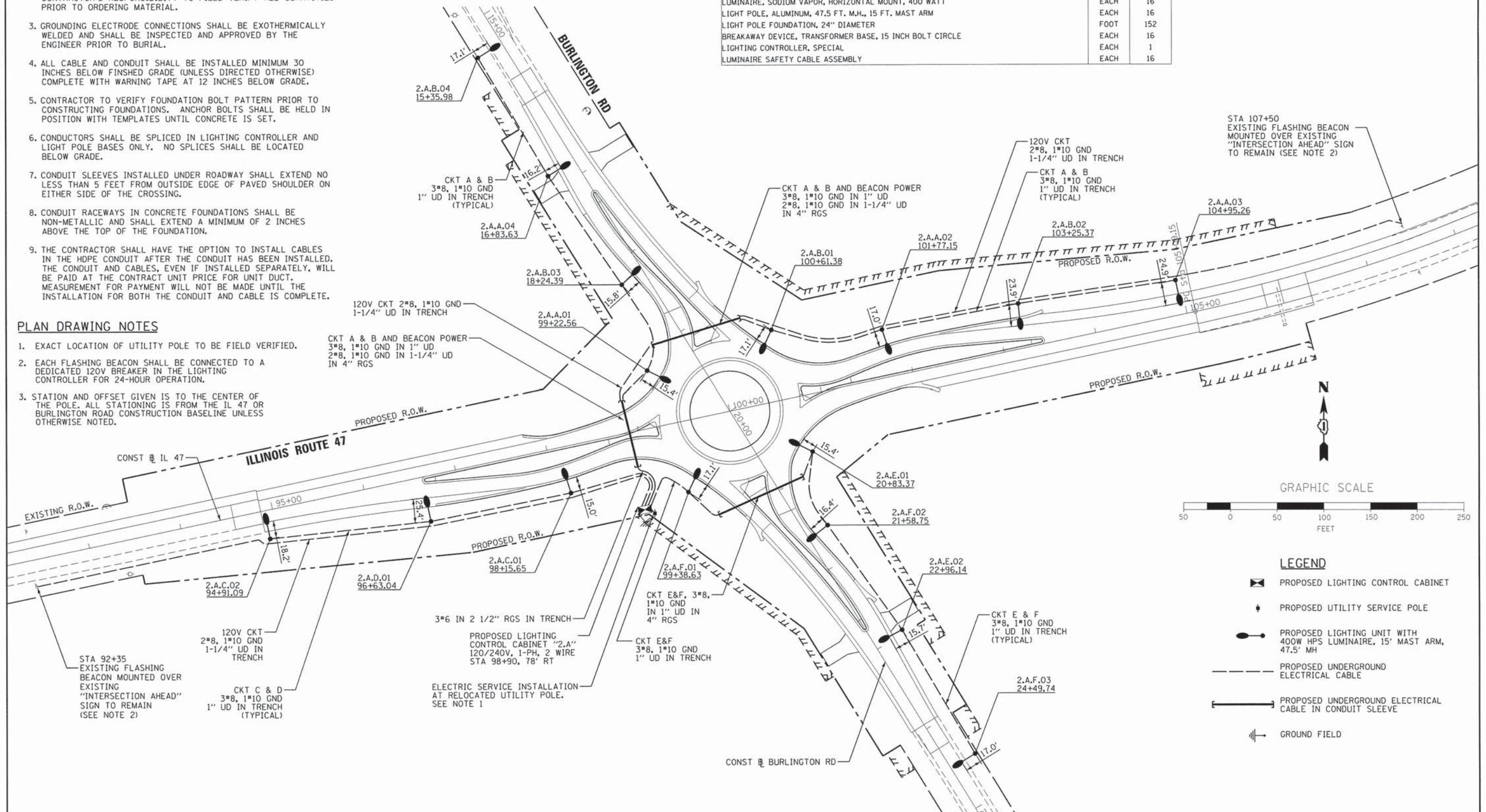
1. MATERIALS AND INSTALLATION METHODS SHALL COMPLY WITH CODES AND ORDINANCES OF FEDERAL, STATE AND LOCAL GOVERNING BODIES HAVING JURISDICTION.
2. MATERIAL QUANTITIES ARE APPROXIMATIONS ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL QUANTITIES PRIOR TO ORDERING MATERIAL.
3. GROUNDING ELECTRODE CONNECTIONS SHALL BE EXOTHERMICALLY WELDED AND SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO BURIAL.
4. ALL CABLE AND CONDUIT SHALL BE INSTALLED MINIMUM 30 INCHES BELOW FINISHED GRADE (UNLESS DIRECTED OTHERWISE) COMPLETE WITH WARNING TAPE AT 12 INCHES BELOW GRADE.
5. CONTRACTOR TO VERIFY FOUNDATION BOLT PATTERN PRIOR TO CONSTRUCTING FOUNDATIONS. ANCHOR BOLTS SHALL BE HELD IN POSITION WITH TEMPLATES UNTIL CONCRETE IS SET.
6. CONDUCTORS SHALL BE SPLICED IN LIGHTING CONTROLLER AND LIGHT POLE BASES ONLY. NO SPLICES SHALL BE LOCATED BELOW GRADE.
7. CONDUIT SLEEVES INSTALLED UNDER ROADWAY SHALL EXTEND NO LESS THAN 5 FEET FROM OUTSIDE EDGE OF PAVED SHOULDER ON EITHER SIDE OF THE CROSSING.
8. CONDUIT RACEWAYS IN CONCRETE FOUNDATIONS SHALL BE NON-METALLIC AND SHALL EXTEND A MINIMUM OF 2 INCHES ABOVE THE TOP OF THE FOUNDATION.
9. THE CONTRACTOR SHALL HAVE THE OPTION TO INSTALL CABLES IN THE HDPE CONDUIT AFTER THE CONDUIT HAS BEEN INSTALLED. THE CONDUIT AND CABLES, EVEN IF INSTALLED SEPARATELY, WILL BE PAID AT THE CONTRACT UNIT PRICE FOR UNIT DUCT. MEASUREMENT FOR PAYMENT WILL NOT BE MADE UNTIL THE INSTALLATION FOR BOTH THE CONDUIT AND CABLE IS COMPLETE.

PLAN DRAWING NOTES

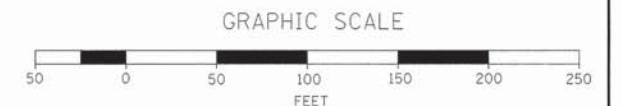
1. EXACT LOCATION OF UTILITY POLE TO BE FIELD VERIFIED.
2. EACH FLASHING BEACON SHALL BE CONNECTED TO A DEDICATED 120V BREAKER IN THE LIGHTING CONTROLLER FOR 24-HOUR OPERATION.
3. STATION AND OFFSET GIVEN IS TO THE CENTER OF THE POLE. ALL STATIONING IS FROM THE IL 47 OR BURLINGTON ROAD CONSTRUCTION BASELINE UNLESS OTHERWISE NOTED.

SUMMARY OF LIGHTING QUANTITIES

ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	40
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	300
UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.10 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2,470
UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1,780
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6	FOOT	70
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	16
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	16
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	152
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	16
LIGHTING CONTROLLER, SPECIAL	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	16



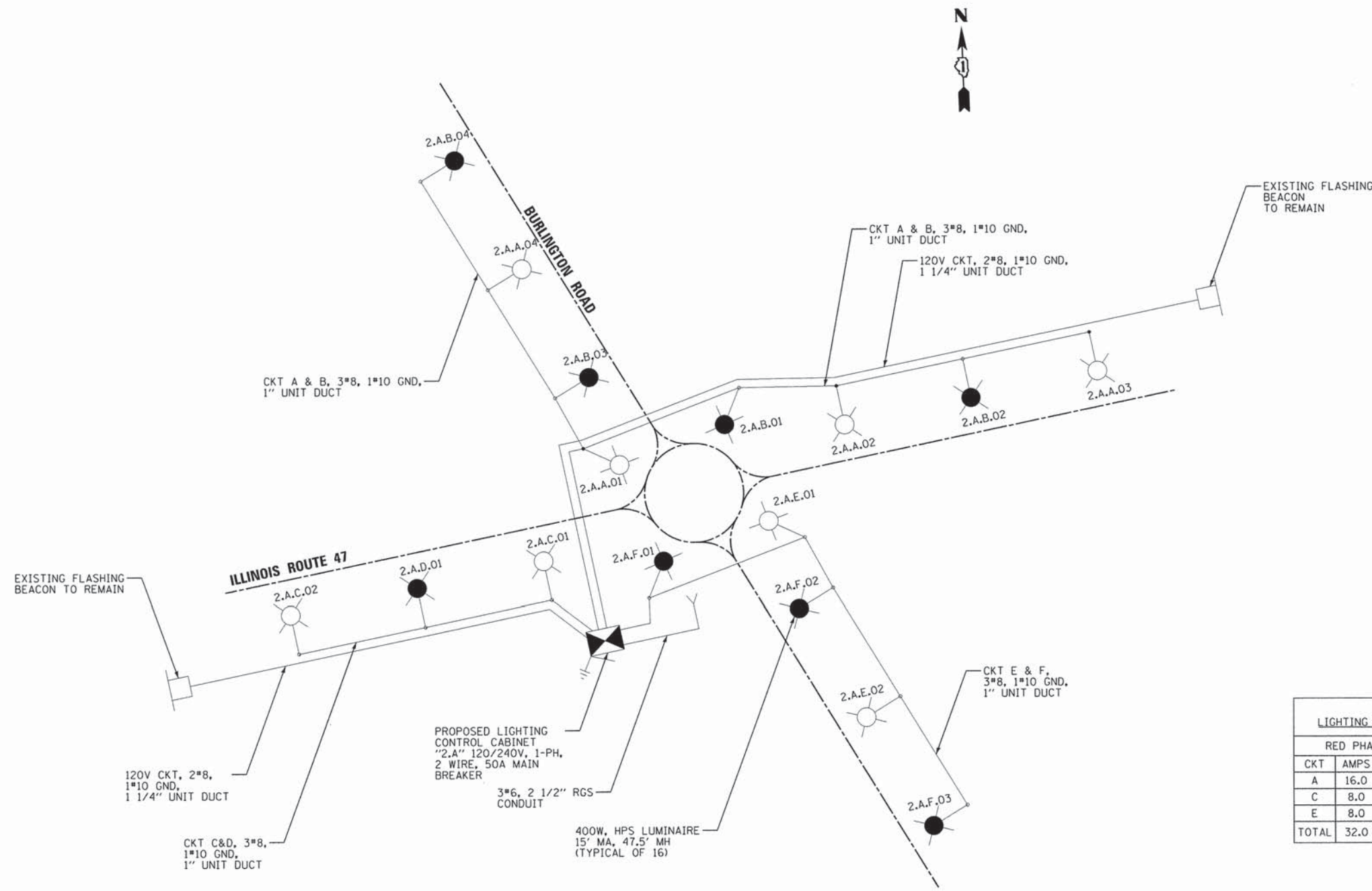
STA 107+50
EXISTING FLASHING BEACON
MOUNTED OVER EXISTING
"INTERSECTION AHEAD" SIGN
TO REMAIN (SEE NOTE 2)



LEGEND

- PROPOSED LIGHTING CONTROL CABINET
- PROPOSED UTILITY SERVICE POLE
- PROPOSED LIGHTING UNIT WITH 400W HPS LUMINAIRE, 15' MAST ARM, 47.5' M.H.
- PROPOSED UNDERGROUND ELECTRICAL CABLE
- PROPOSED UNDERGROUND ELECTRICAL CABLE IN CONDUIT SLEEVE
- GROUND FIELD

FILE NAME = 66343.1gtp1andgn	USER NAME = mpoprnk	DESIGNED - EE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN AND GENERAL NOTES LIGHTING SUMMARY OF QUANTITIES			F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 48	
PLOT SCALE = 5/8"=1'-0"		DRAWN - MAP	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 63779	
PLOT DATE = 6/22/2015		CHECKED - DEM	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE - 6/17/2015	REVISED -										

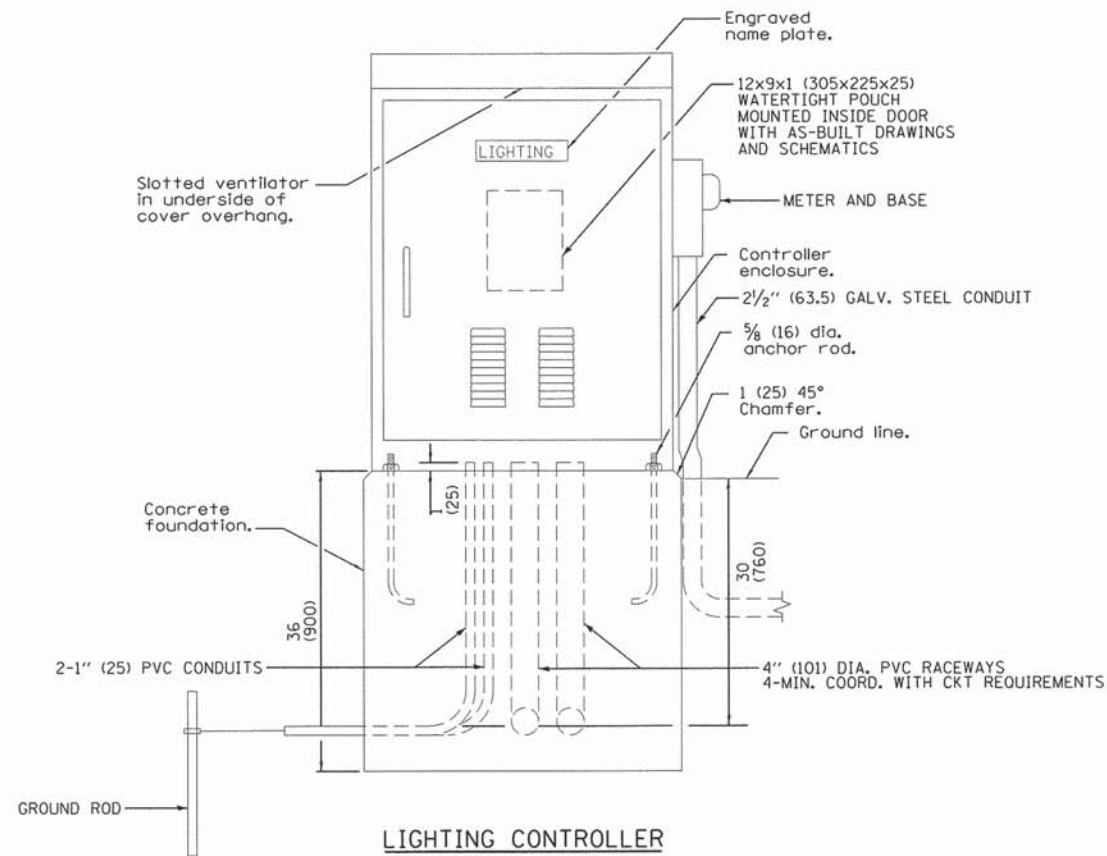


- LEGEND**
- PROPOSED LIGHTING CONTROL CABINET
 - PROPOSED ELECTRIC UTILITY SERVICE
 - GROUND FIELD
 - PROPOSED LIGHTING UNIT WITH HPS LUMINAIRE RED PHASE - OPEN SYMBOL
 - PROPOSED LIGHTING UNIT WITH HPS LUMINAIRE BLACK PHASE - SOLID SYMBOL
 - EXISTING FLASHING BEACON SIGN
 - PROPOSED UNDERGROUND ELECTRICAL CABLE

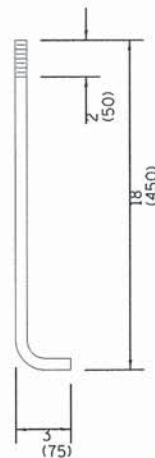
LOAD TABLE
LIGHTING CONTROL CABINET "2.A"

CKT	RED PHASE			BLACK PHASE		
	AMPS	VA		CKT	AMPS	VA
A	16.0	1,920		B	16.0	1,920
C	8.0	960		D	4.0	480
E	8.0	960		F	12.0	1,440
TOTAL	32.0	3,840		32.0	3,840	

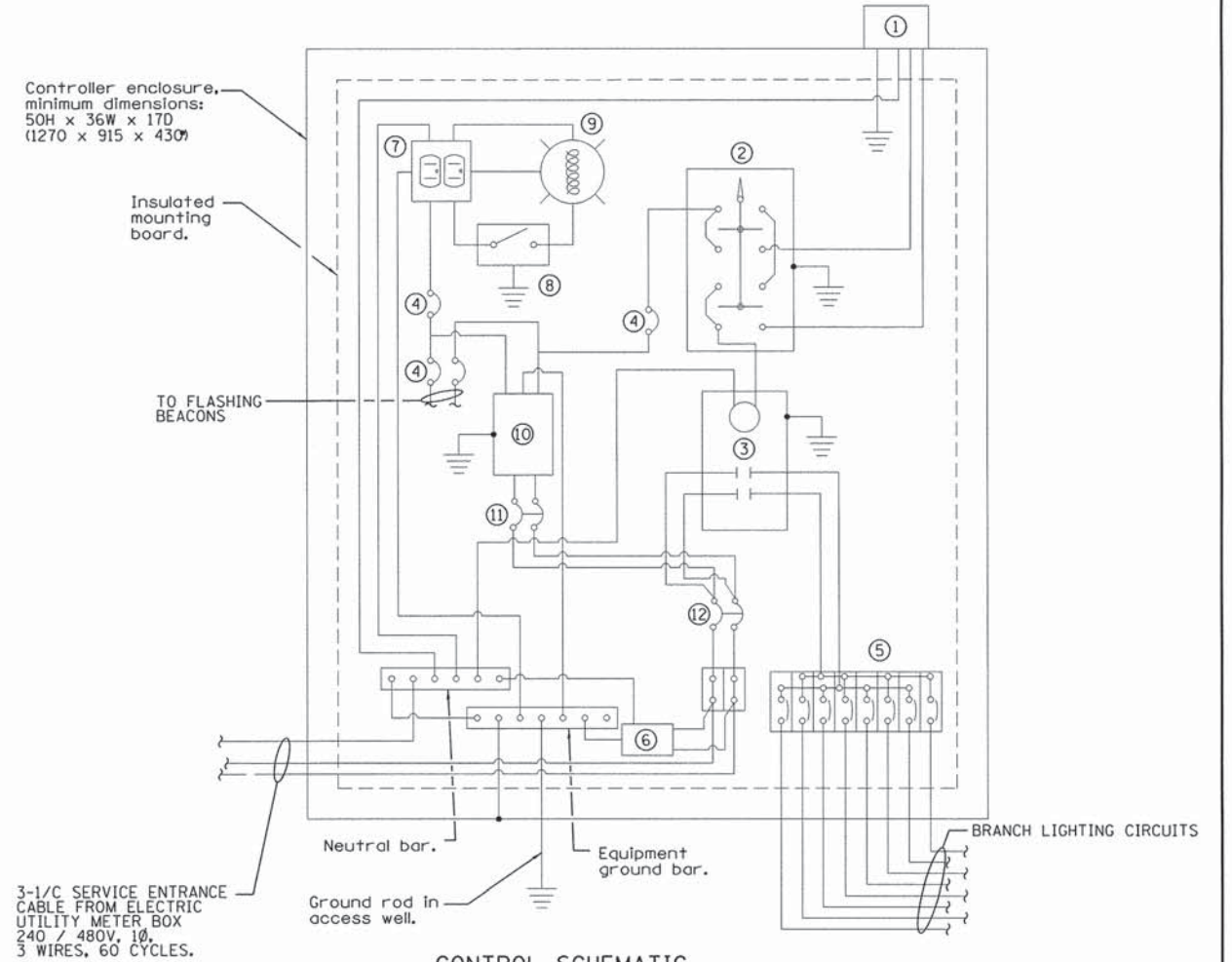
**PROPOSED LIGHTING
SINGLE-LINE DIAGRAM**



LIGHTING CONTROLLER



ANCHOR ROD DETAIL



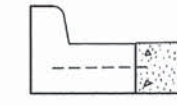
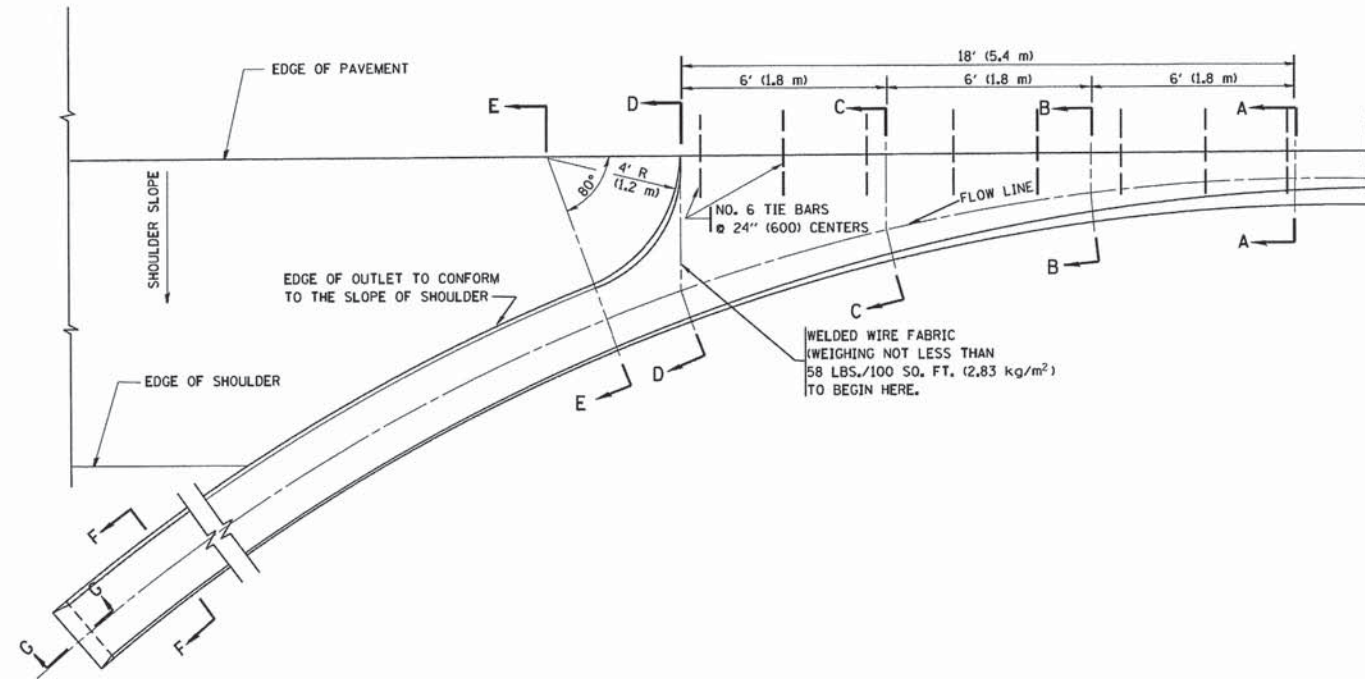
CONTROL SCHEMATIC

- ① Photocell with integral surge arrester.
- ② HAND-OFF-AUTO selector switch.
- ③ 100 amp*, electrically held contactor.
- ④ 15 amp, 1-pole circuit breaker.
- ⑤ Eight 20 amp*, 1-pole circuit breakers, 10 KAIC at 240 volts.
- ⑥ Surge arrester.
- ⑦ GFCI duplex receptacle.
- ⑧ Single-pole, single-throw switch.
- ⑨ Incandescent luminaire, enclosed and gasketed with 100 watt lamp.
- ⑩ Transformer - 2 KVA*, 480V primary, 120/240V secondary, single-phase, 60Hz.
- ⑪ 15 amp, 2-pole circuit breaker.
- ⑫ 60 amp*, 2-pole circuit breaker.

* Size larger as needed.

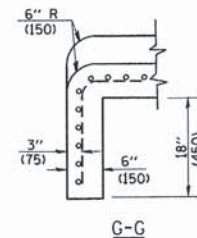
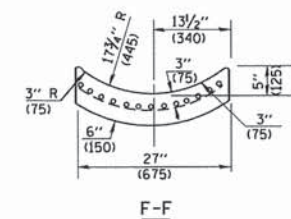
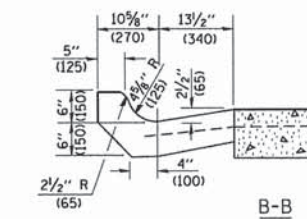
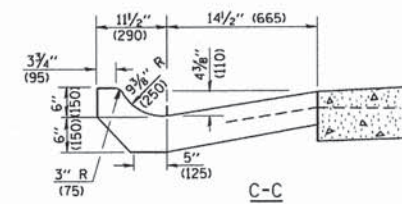
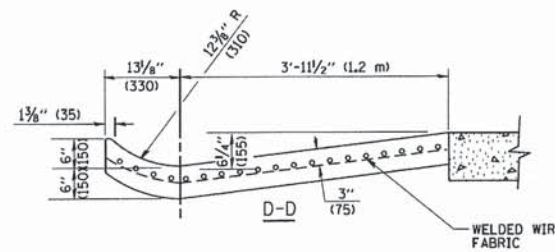
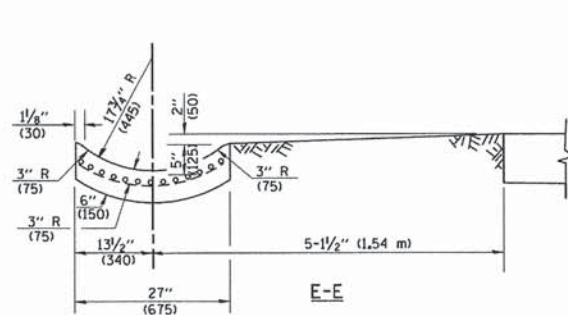
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = 66343.lgtdet1.dgn	USER NAME = mpapirnsk	DESIGNED - DEM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING CONTROLLER (SPECIAL)		F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 50	
PLOT SCALE = 1.0000 "/ in.	CHECKED - DEM	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 63779	
PLOT DATE = 6/22/2015	DATE - 2/04/13	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							



A-A *

* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 24\" (600) CENTERS UNLESS OTHERWISE SHOWN.

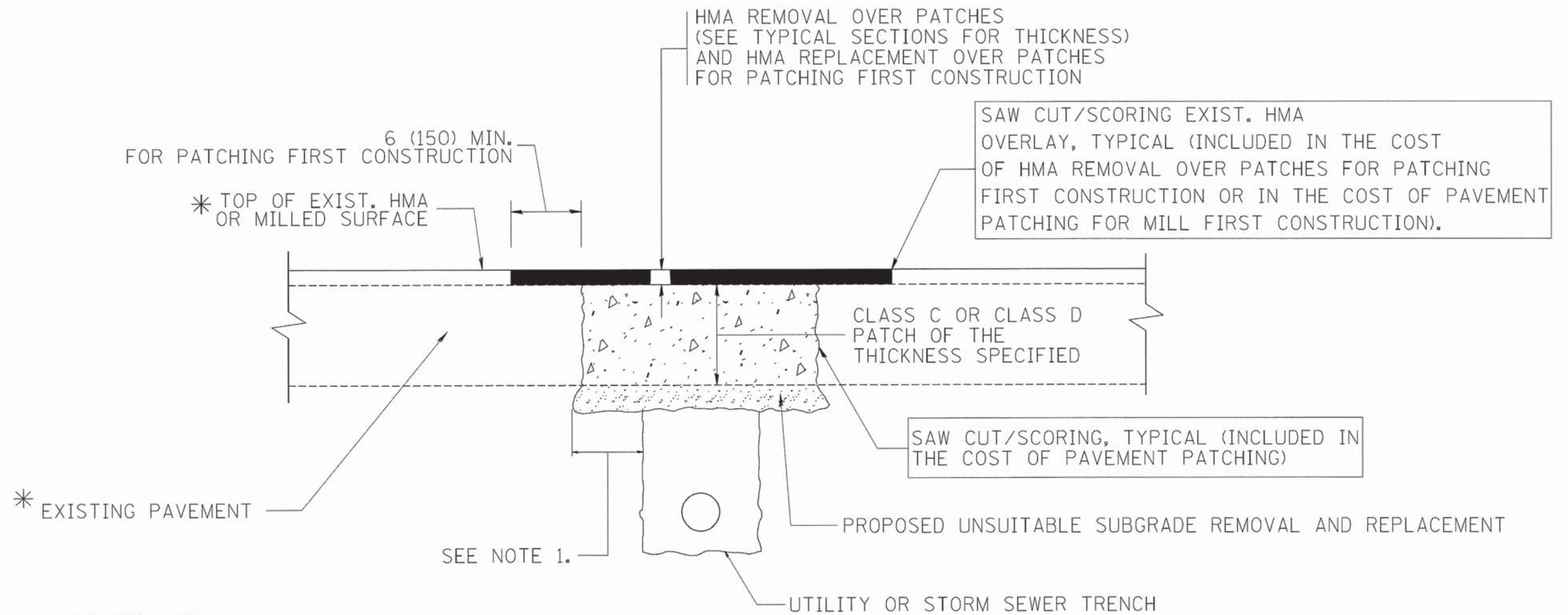
IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL =
 1.25 CU. YDS. (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 9\" (225) PAV'T.
 1.27 CU. YDS. (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 10\" (250) PAV'T.
 FOR SECTION F-F =
 0.045 CU. YDS. (0.03 m³) CLASS SI CONCRETE PER FT. (M).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\dststd\22x34\bd83.dgn	USER NAME = gajlionobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OUTLET FOR CONCRETE CURB AND GUTTER			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - R. SHAH 10-25-94		326	07-00357-00-CH	KANE	80	51			
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - E. GOMEZ 12-21-00		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			BD600-01 (BD-03) CONTRACT NO. 63779				
	DATE = 08-04-86	DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

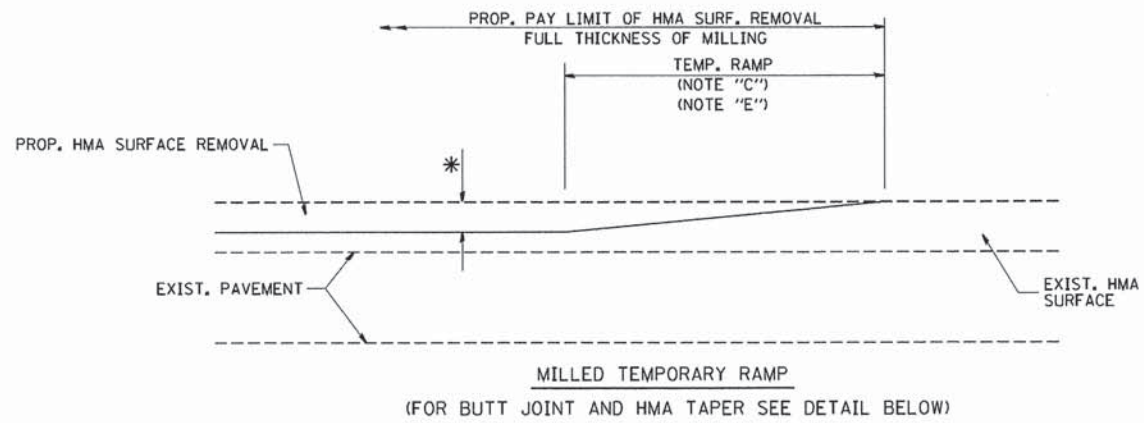
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

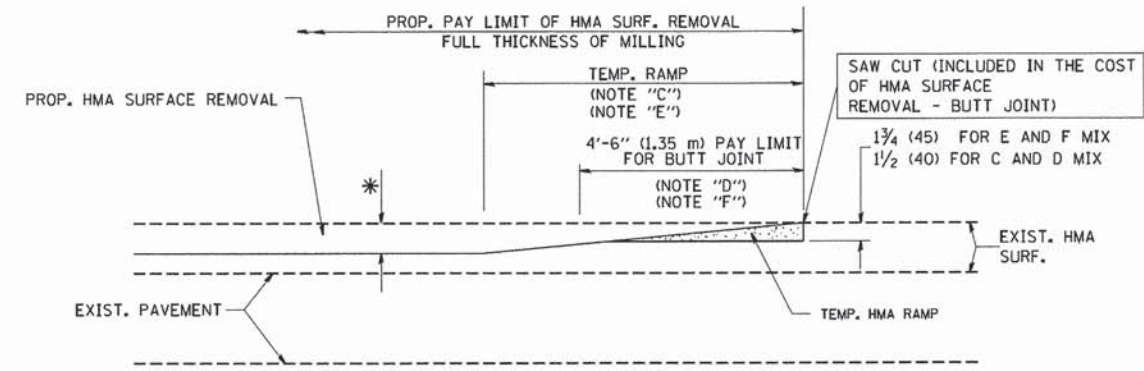
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = e:\projects\diststd22x34\bd22.dgn	USER NAME = bauerd1	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	326	07-00357-00-CH	KANE	80	52
		PLOT SCALE = 50.000' / 1"	CHECKED -		REVISED - R. BORO 09-04-07	BD400-04 (BD-22)								
		PLOT DATE = 10/27/2008	DATE - 10-25-94		REVISED - K. ENG 10-27-08	CONTRACT NO. 63779								
												FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



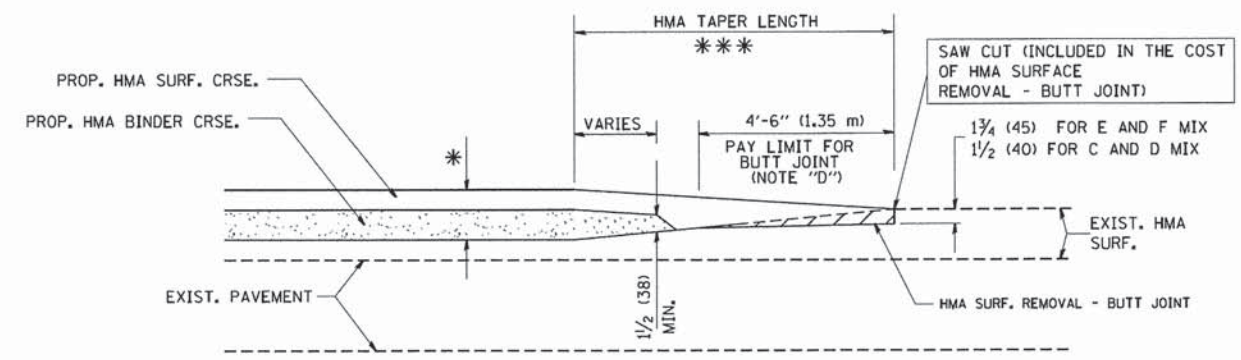
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1



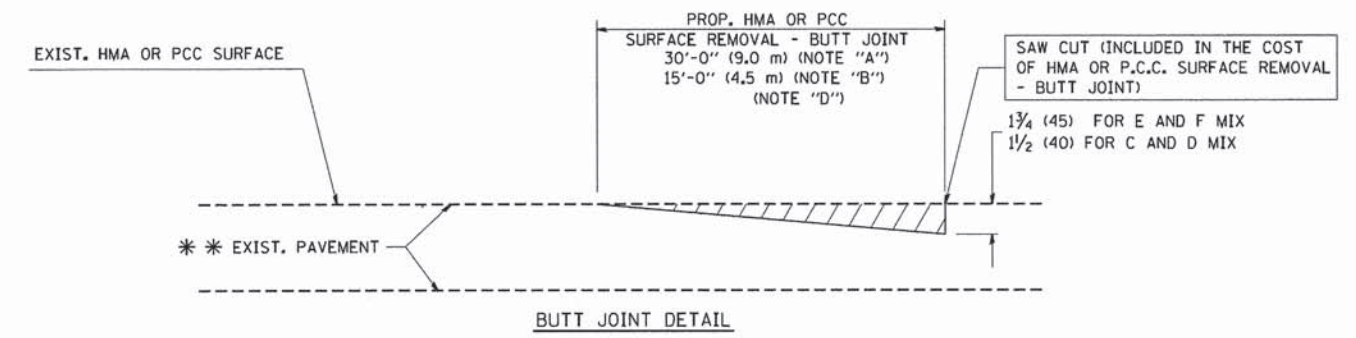
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2
TYPICAL TEMPORARY RAMP**

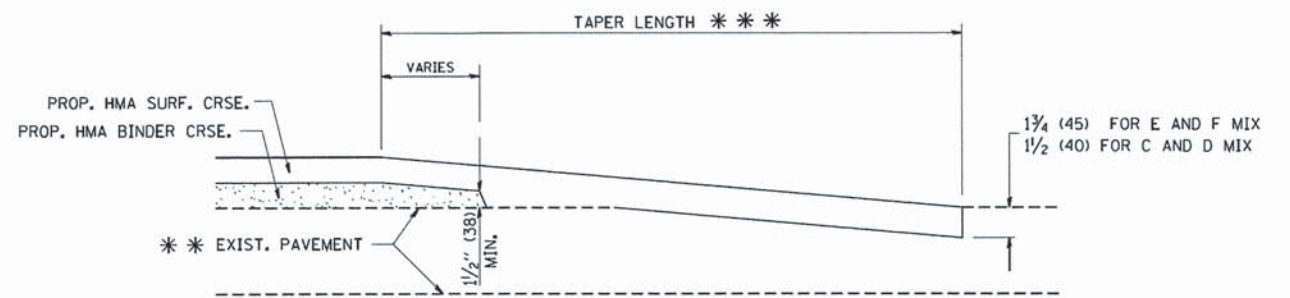


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

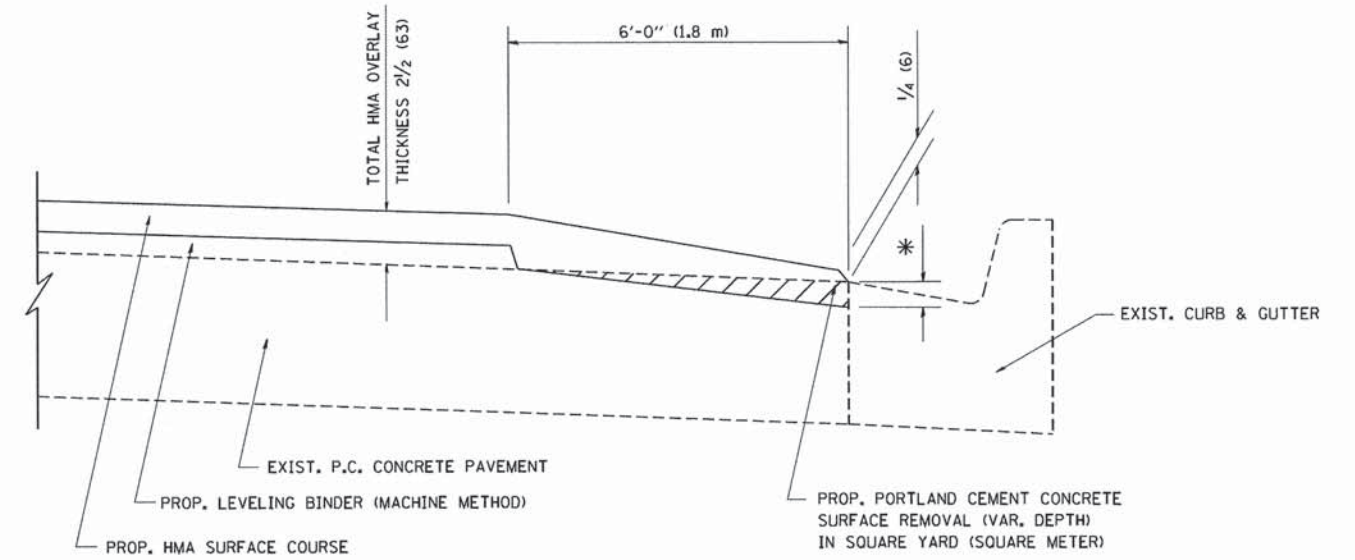
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\distsstd\22x34\bd32.dgn	USER NAME = geglennob	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2000	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	53
BD400-05 BD32			CONTRACT NO. 63779	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



**HMA TAPER AT
EDGE OF P.C.C. PAVEMENT**

HMA SURFACE		LEVELING BINDER	
MIX	THICKNESS	THICKNESS	* MILLING AT GUTTER FLAG
C OR D	1 1/2 (38)	1 (25)	1/4 (33)
F	1 3/4 (44)	3/4 (19)	1/2 (38)

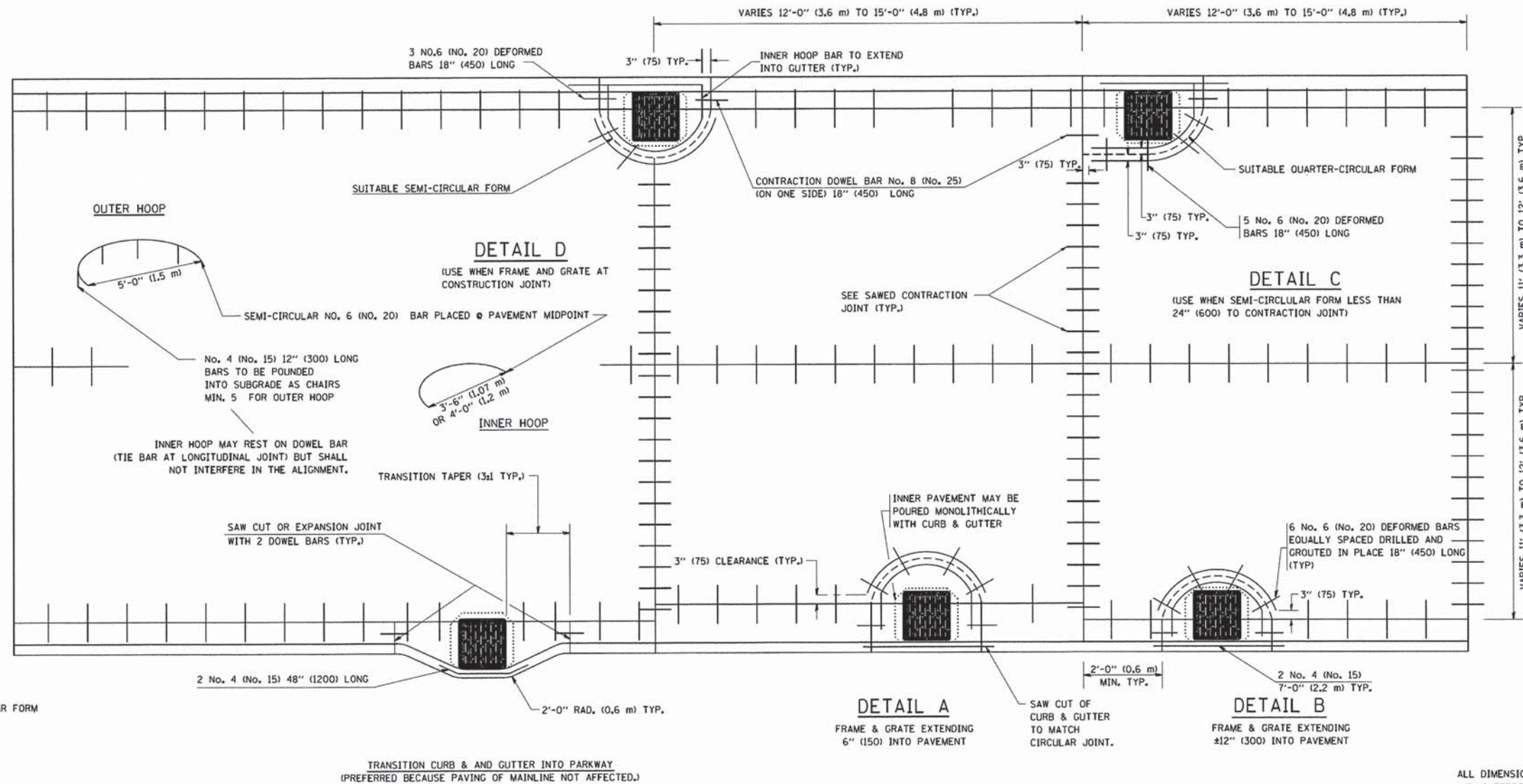
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

DESIGNER NOTE:
THIS DETAIL IS TO BE USED
WHEN THE GUTTER FLAG IS
LESS THAN 24"

NOTES:

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT. EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



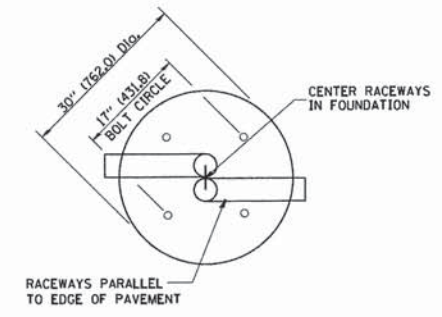
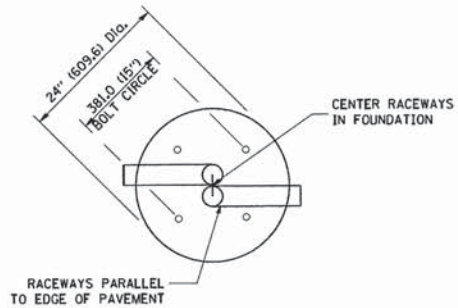
LEGEND:
 CASTING
 - - - - - SUITABLE SEMI-CIRCULAR FORM

ALL DIMENSIONS ARE IN INCHES
(MILLIMETERS) UNLESS OTHERWISE NOTED

FILE NAME = M:\diststd\22x34\bd48.dgn	USER NAME = geglionobt	DESIGNED - A. ABBAS	REVISED - T. MATOUSEK 08-28-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN - TOM MATOUSEK	REVISED - T. MATOUSEK 10-02-00		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	326	07-00357-00-CH	KANE	80	55
		CHECKED - A. ABBAS	REVISED - T. MATOUSEK 04-25-02								BD-48			CONTRACT NO. 63779
		DATE - 01-04-99	REVISED - P. LAFLEUR 08-27-02								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

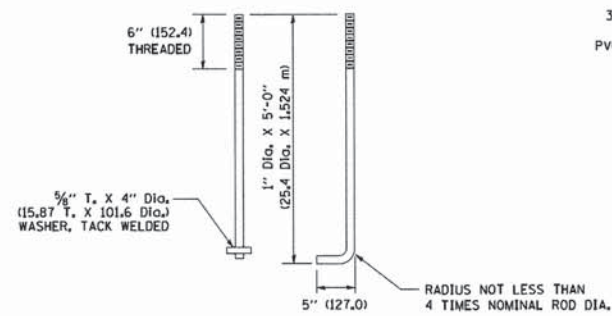
LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192 m) TO 47.5 FT. (14.478 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	13'-0" (3.96 m)	15'-0" (4.57 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	9'-6" (2.93 m)	10'-9" (3.23 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-0" (2.13 m)	8'-0" (2.44 m)
LOOSE SAND φ = 34°	9'-0" (2.74 m)	10'-0" (3.05 m)
MEDIUM SAND φ = 37.5°	8'-3" (2.52 m)	9'-0" (2.74 m)
DENSE SAND φ = 40°	7'-9" (2.36 m)	9'-0" (2.74 m)

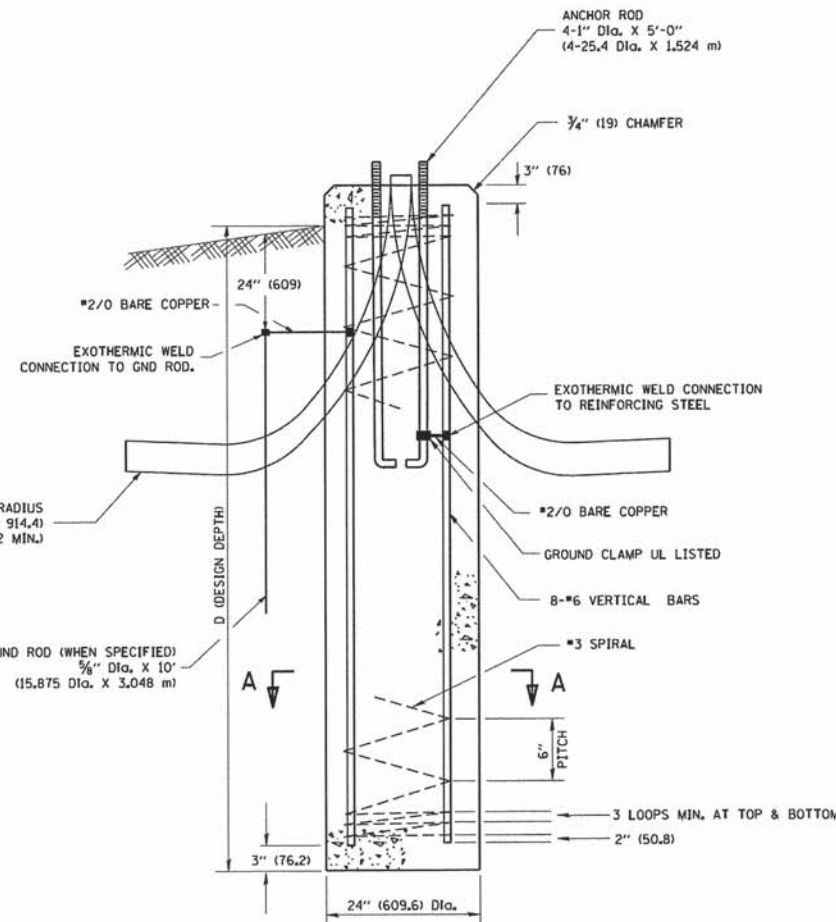


TOP VIEW

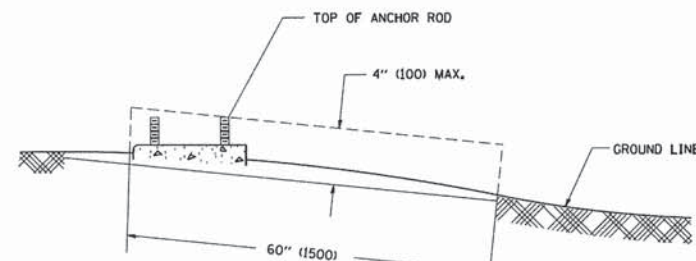
TOP VIEW



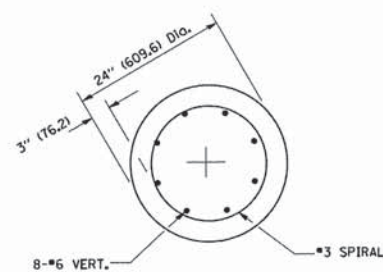
ANCHOR ROD DETAIL



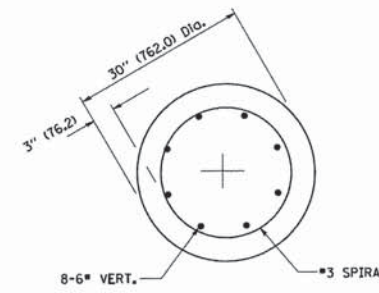
FOUNDATION DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A



SECTION A-A

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE, SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UMG MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION, IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

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W:\dststd\22x34\be381.dgn

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PLOT DATE = 1/4/2008

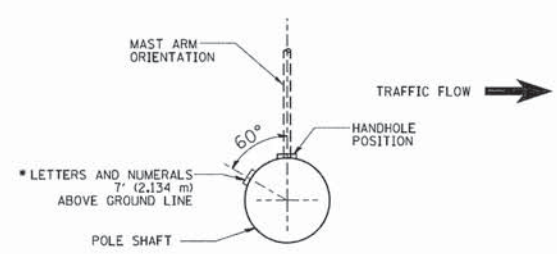
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED - 04-22-02
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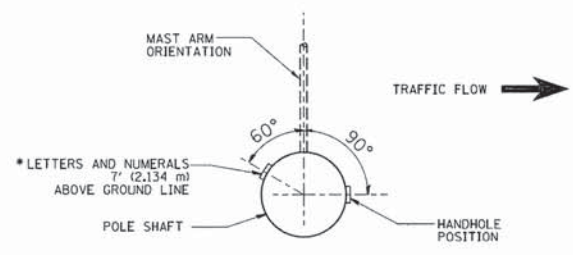
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION
40' (12.192 m) TO 47 1/2' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

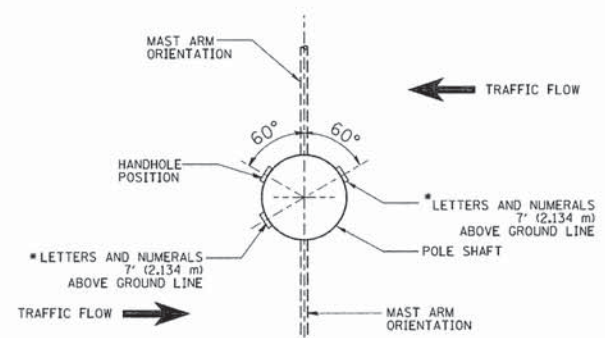
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	57
BE-301			CONTRACT NO. 63779	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



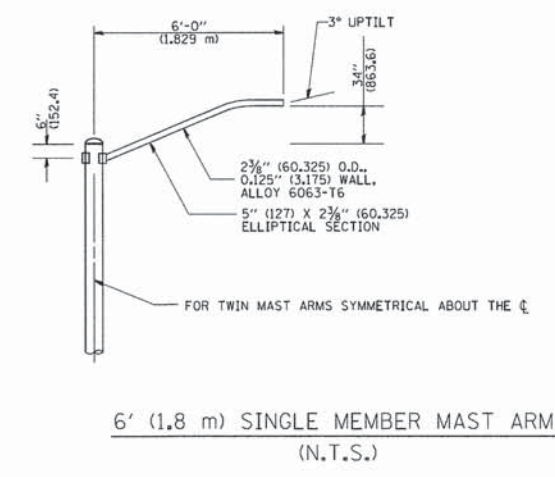
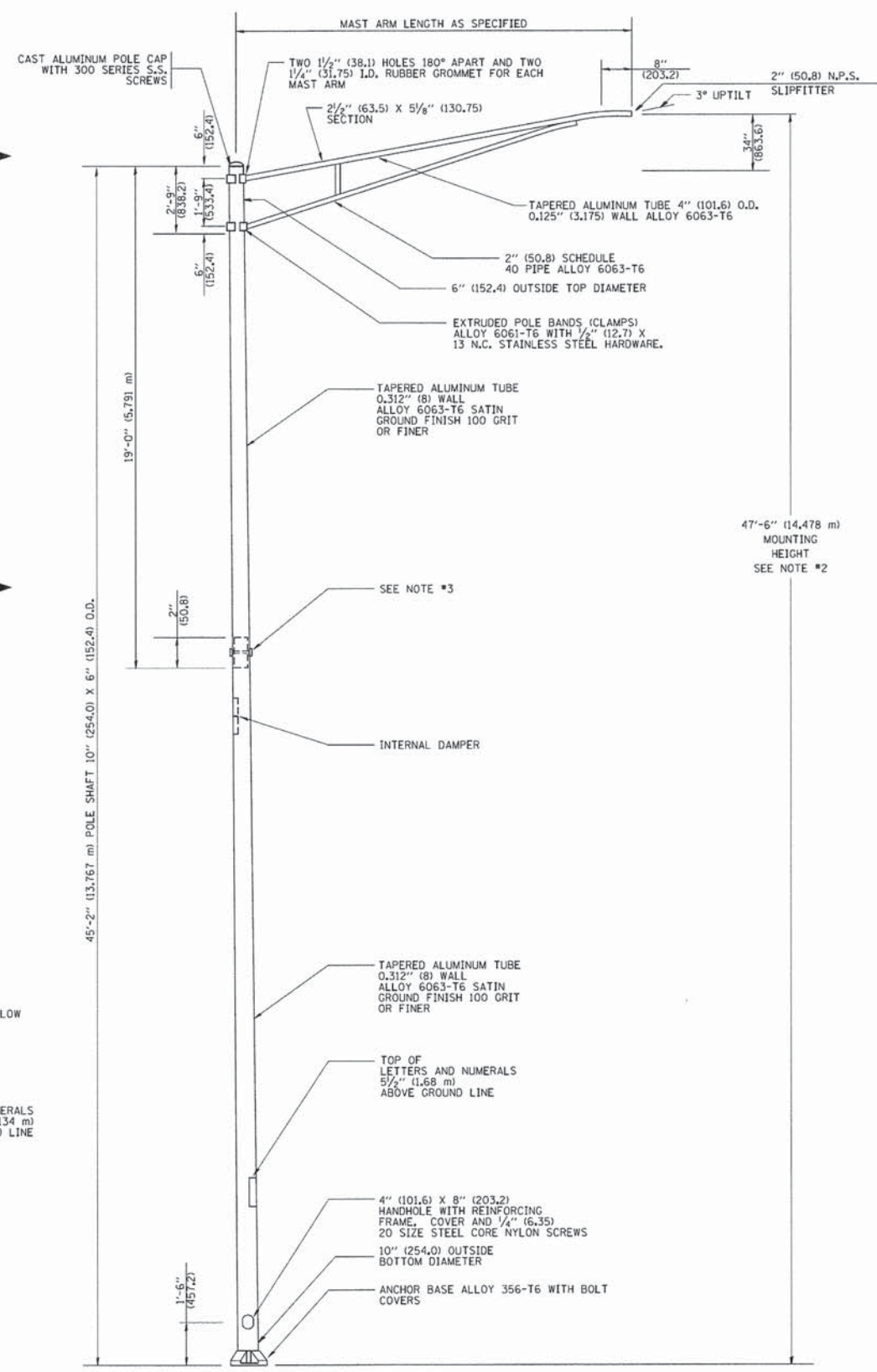
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL



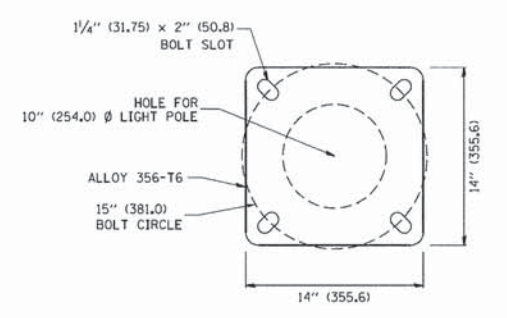
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES



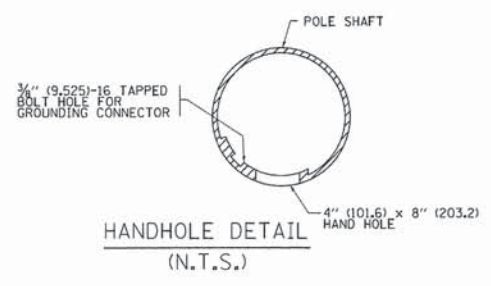
POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES



6' (1.8 m) SINGLE MEMBER MAST ARM (N.T.S.)



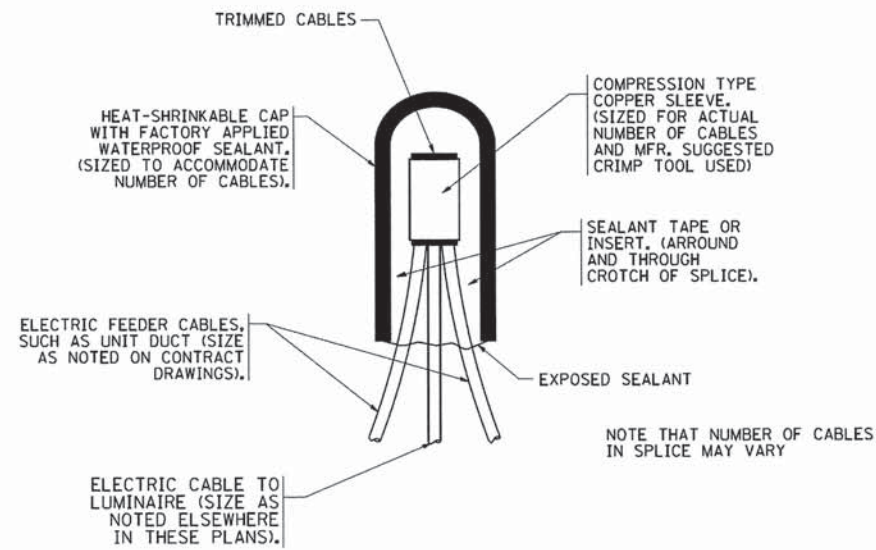
LIGHT POLE BASE PLATE DETAIL
15 INCH (381.0) BOLT CIRCLE



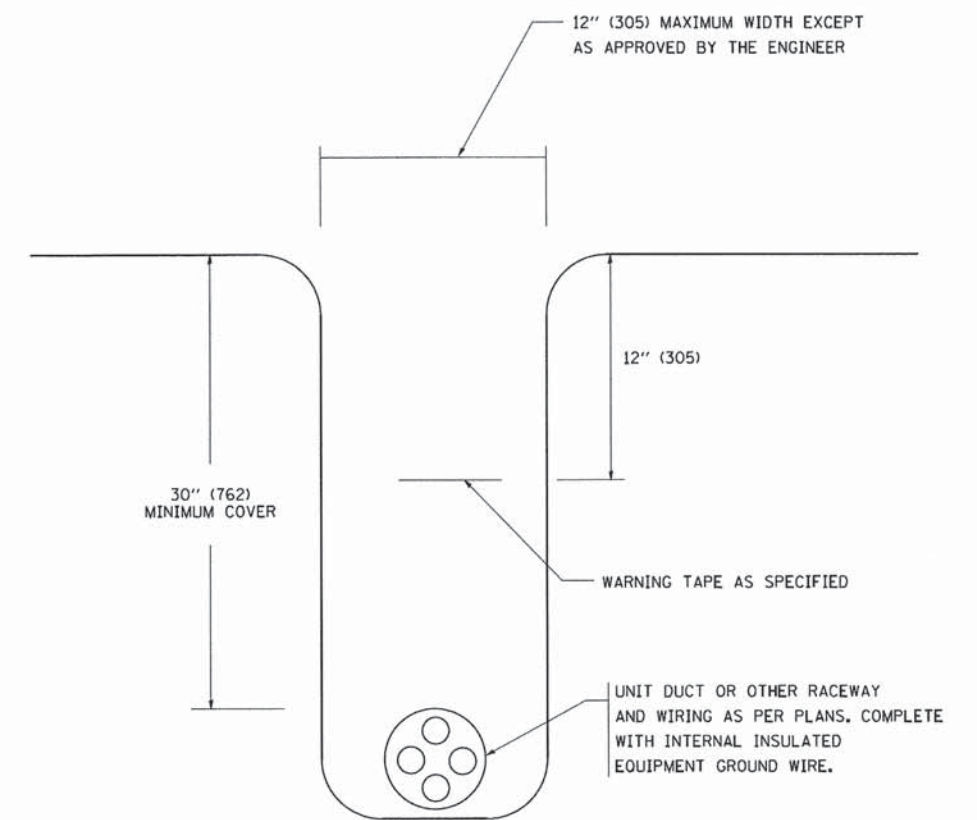
HANDHOLE DETAIL (N.T.S.)

- NOTES:
1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
 2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
 3. TWO PIECE SHAFT WILL BE MATCHED MARKED AND INTERCHANGEABLE BETWEEN DIFFERENT UNITS. FIELD DRILLING OF THE HOLES WILL NOT BE ALLOWED.
 4. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
 5. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR, BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
 6. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
 7. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
 8. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.

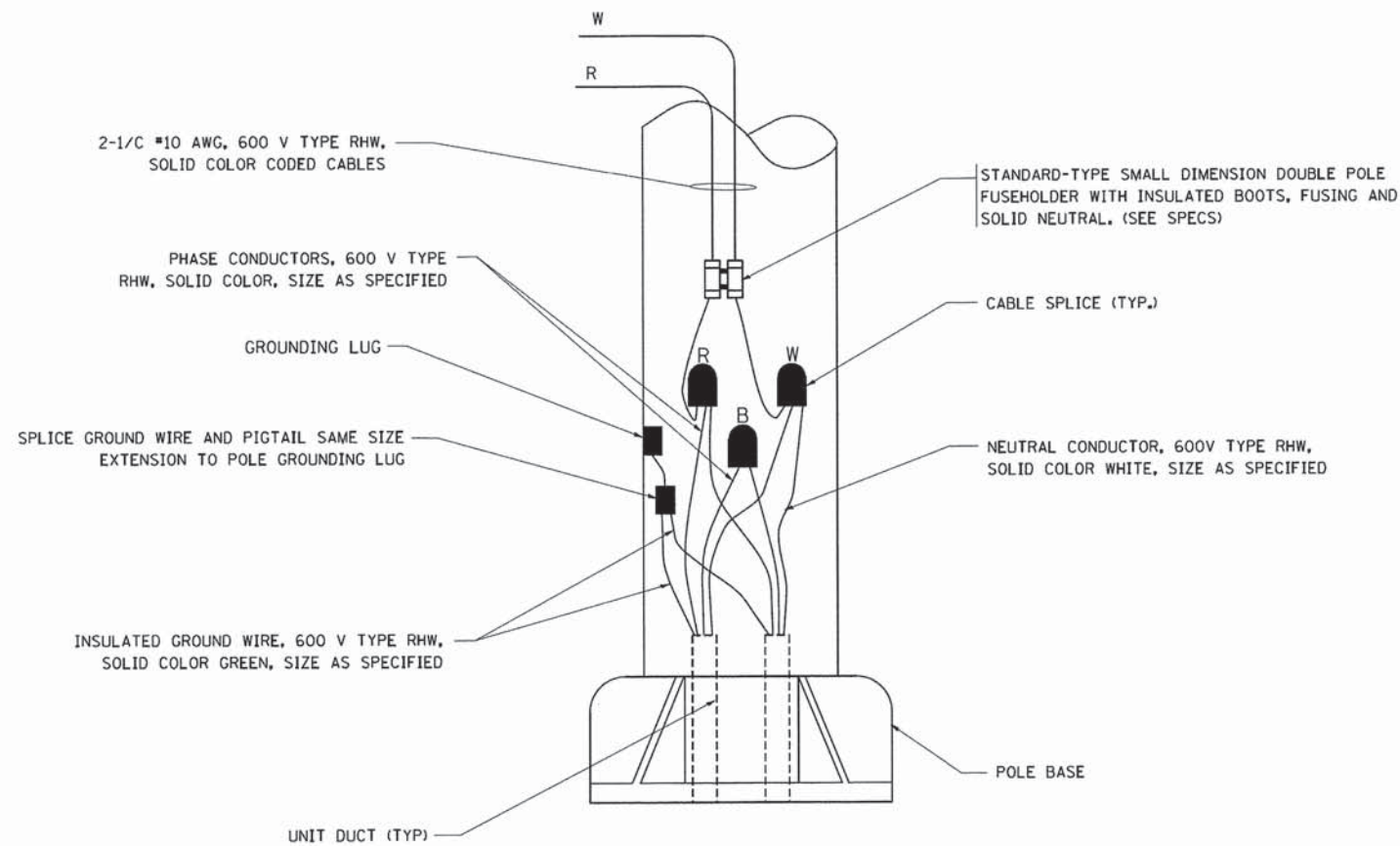
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et\pw\work\pwwdot\drvakosgn\at08315\p00.dgn		DRAWN -	REVISED - R. TOMSONS 09-03-03		326	07-00357-00-CH	KANE	80	58			
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		DATE -	REVISED -		SCALE: NONE			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		
					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



TYPICAL SPLICE DETAIL
N.T.S.

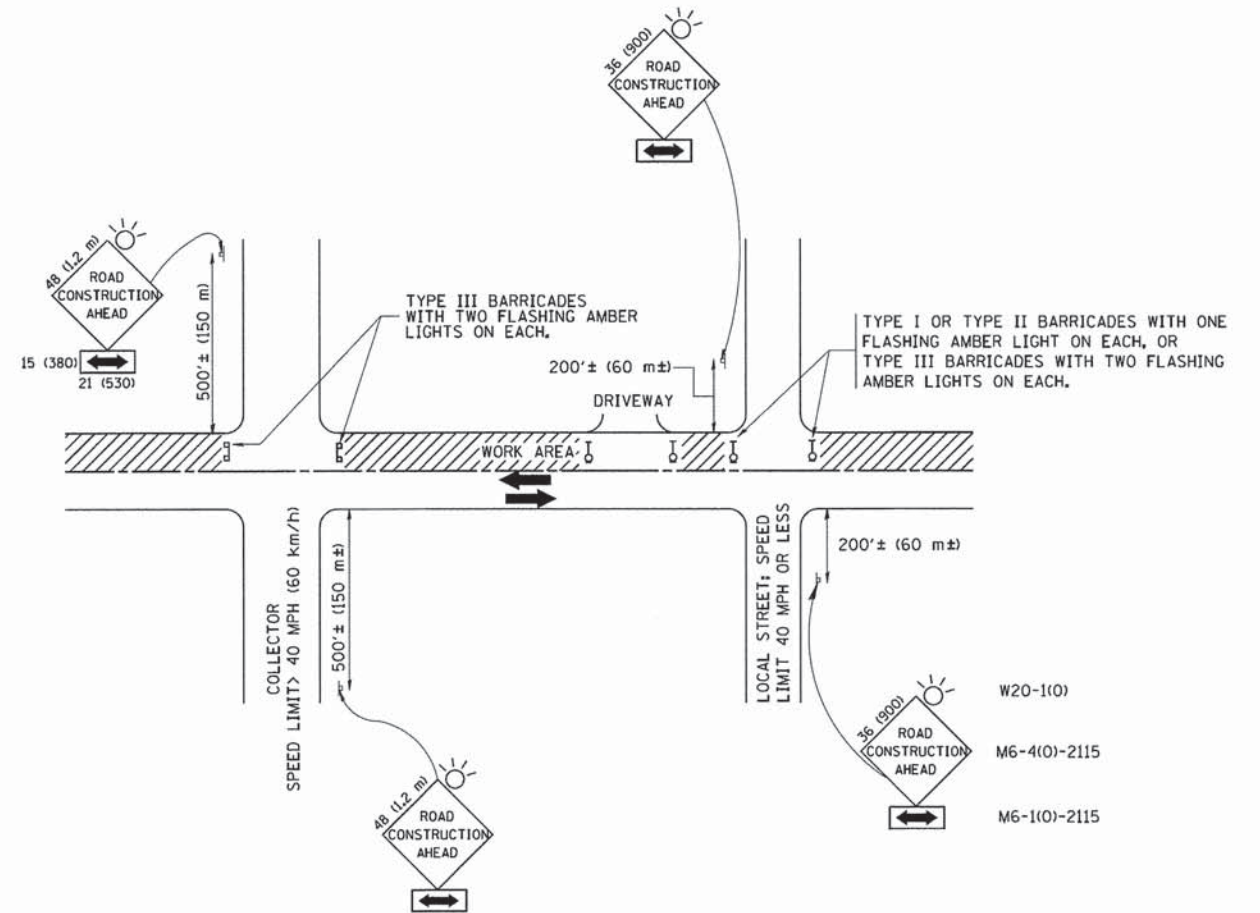


TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

FILE NAME = W:\diststd\22x34\be782.dgn	USER NAME = geglennobt	DESIGNED -	REVISED - 08-08-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MISC. ELECTRICAL DETAILS SHEET A			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/4/2008	CHECKED -	REVISED -		BE-702			CONTRACT NO. 63779				
		DATE -	REVISED -		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							
				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1,2 m x 1,2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

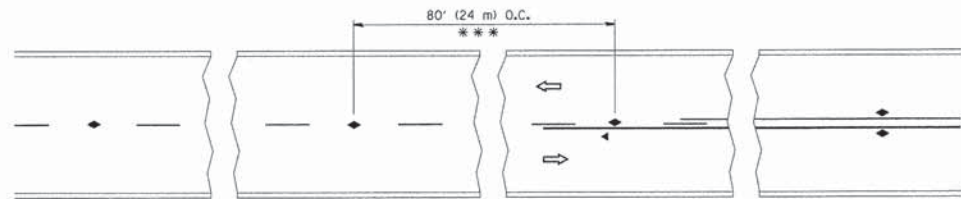
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		DRAWN -	REVISED - A. HOUSEH 03-06-96
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	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

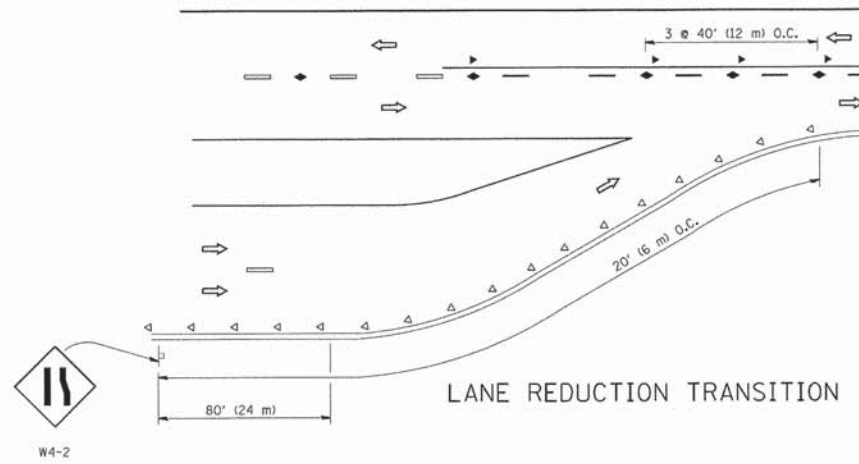
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 63779	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

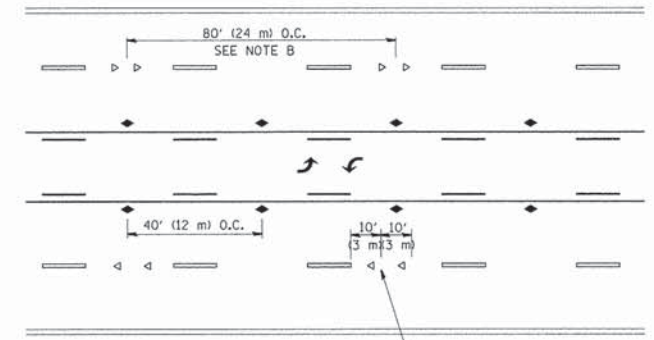


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

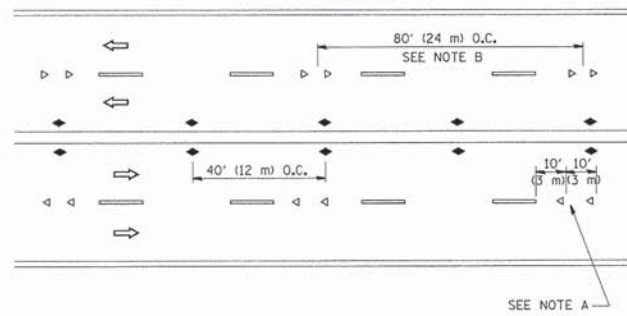
TWO-LANE/TWO-WAY



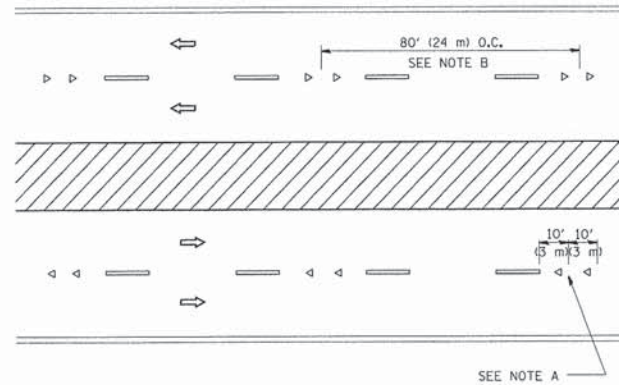
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

- MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

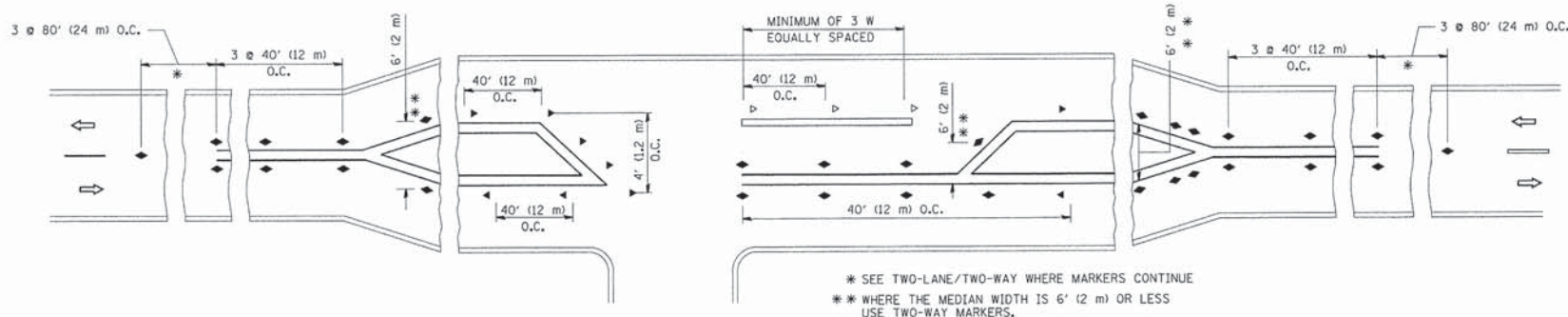
- YELLOW STRIPE
- ▬ WHITE STRIPE
- ◄ ONE-WAY AMBER MARKER
- ◄ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

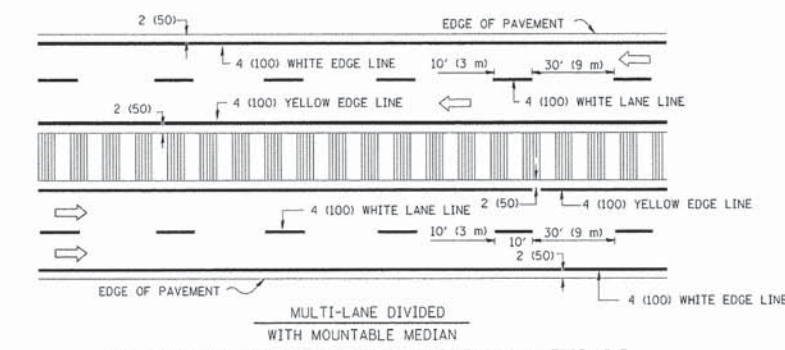
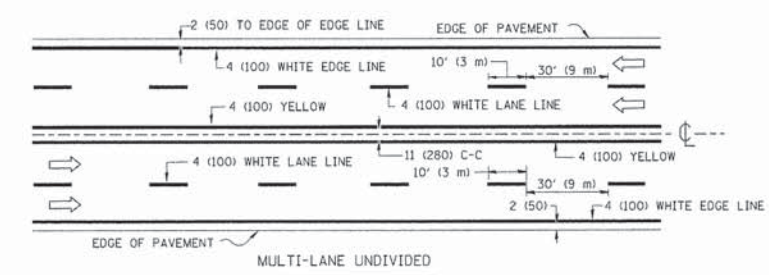
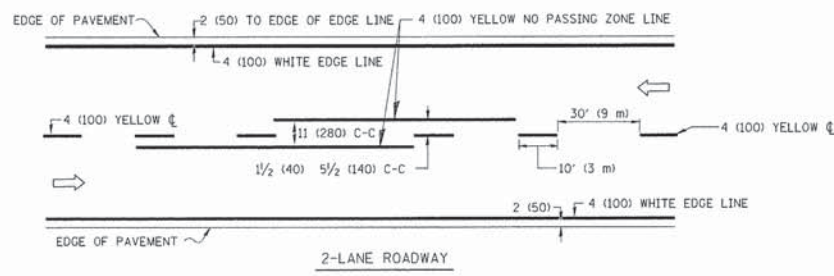
- DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

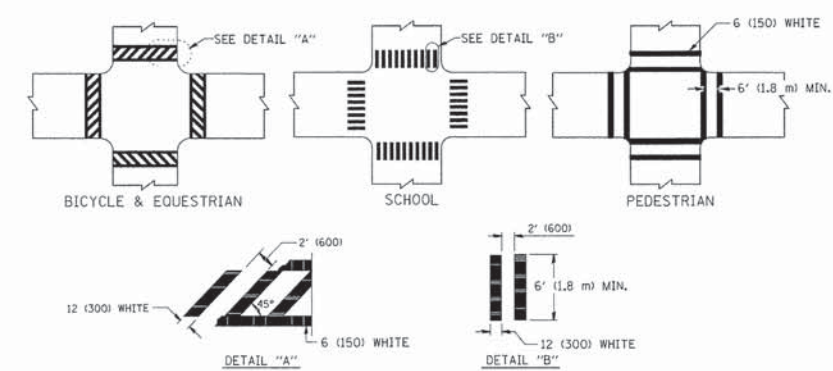
All dimensions are in inches (millimeters) unless otherwise shown.

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	PLOT SCALE = 5/8" = 1'	DRAWN -	REVISED - T. RAMMACHER 03-12-99		RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			326	07-00357-00-CH	KANE	80	61	
PLOT DATE = 3/2/2011	CHECKED -	REVISED - T. RAMMACHER 01-06-00	SCALE: NONE			SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	TC-11		CONTRACT NO. 63779	
	DATE -	REVISED - C. JUCIUS 09-09-05	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT										

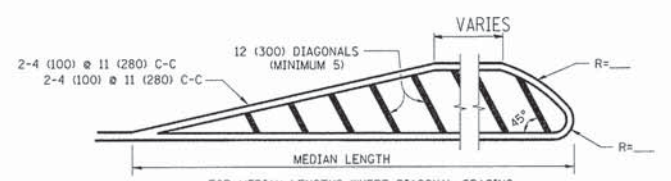
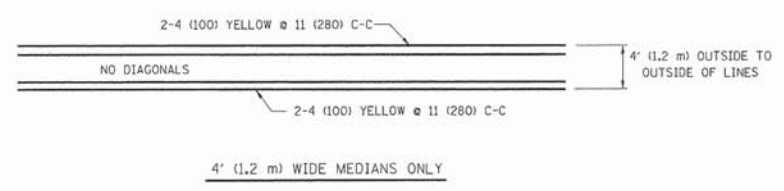


NOTE: MEDIANS WITH BARRIER CURBS DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



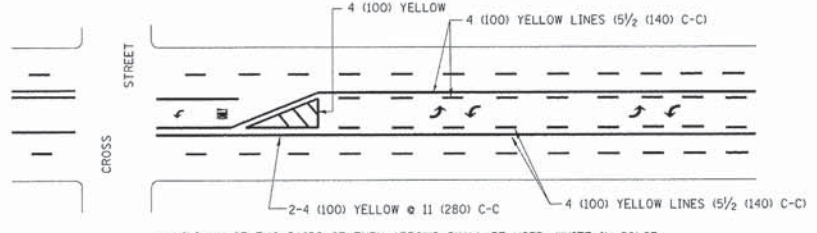
TYPICAL CROSSWALK MARKING



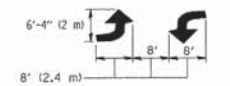
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

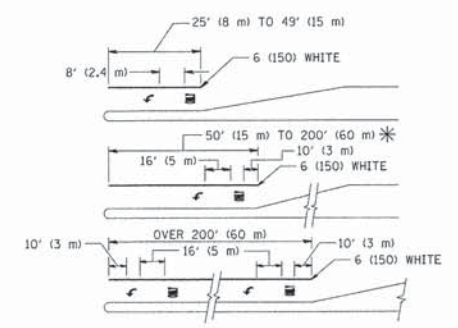


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

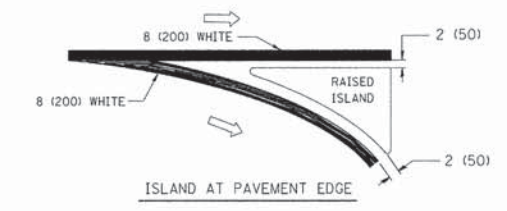
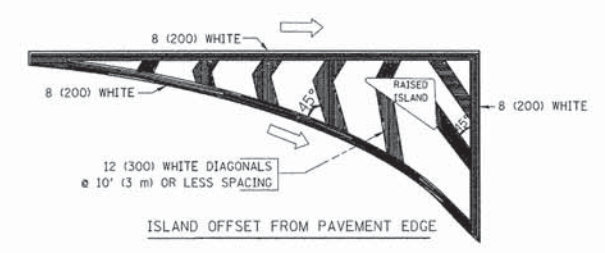
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

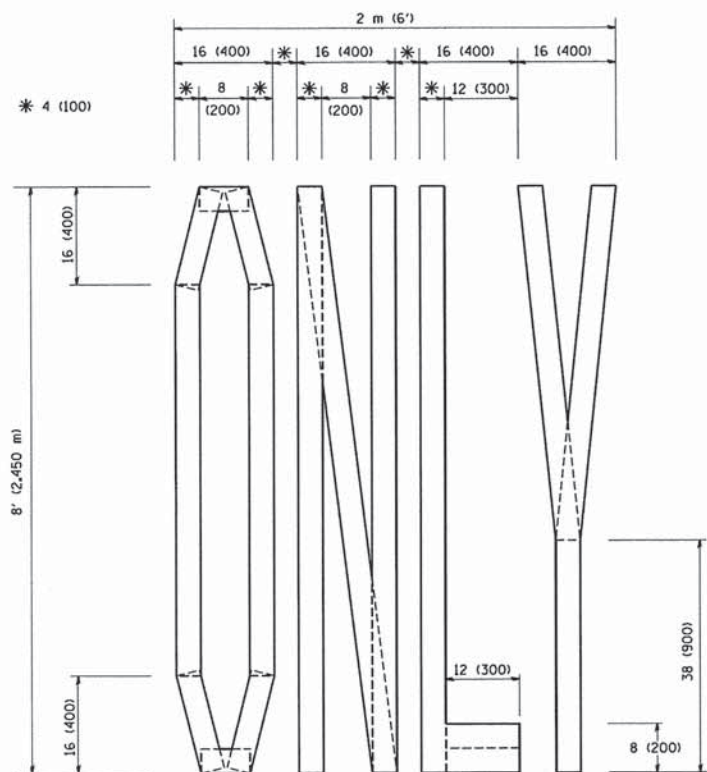


TYPICAL ISLAND MARKING

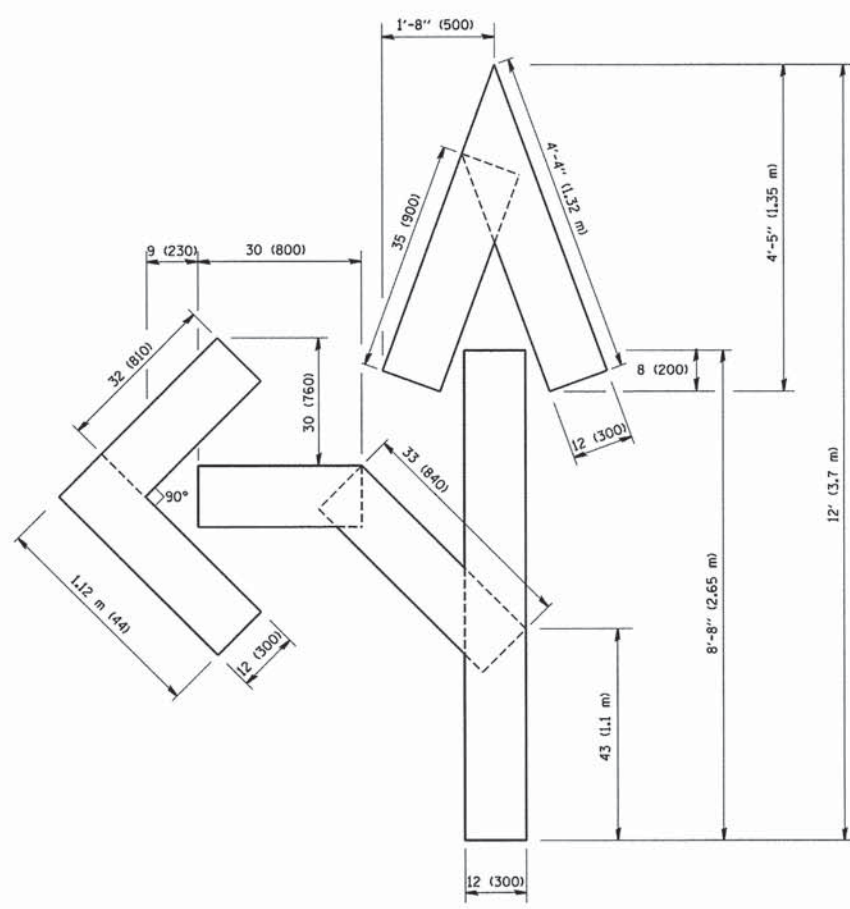
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

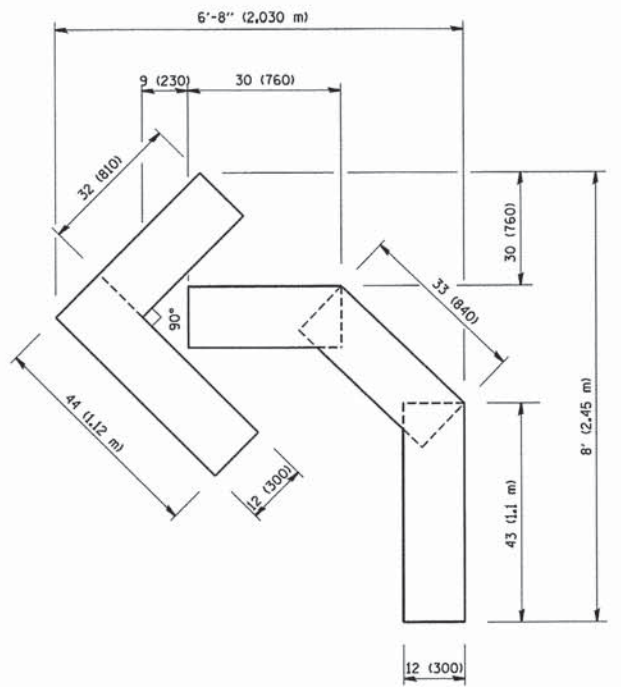
All dimensions are in inches (millimeters) unless otherwise shown.



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = W:\diststd\22x34\ts16.dgn	USER NAME = goglianobt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -T. RAMMACHER 11-04-97					326	07-00357-00-CH	KANE	80	63
PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -T. RAMMACHER 03-02-98	REVISED -E. GOMEZ 08-28-00	SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			TC-16 CONTRACT NO. 63779 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

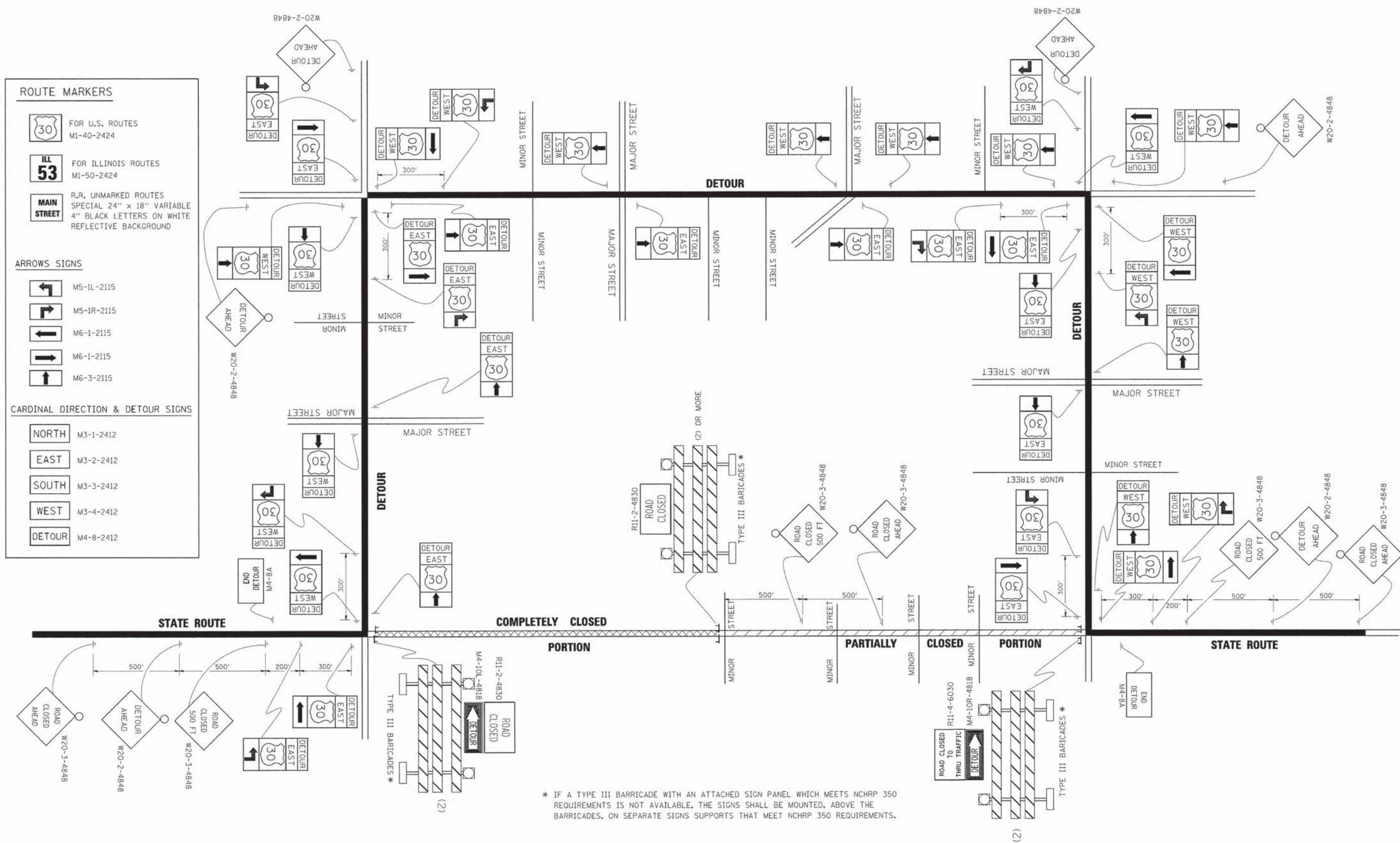
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

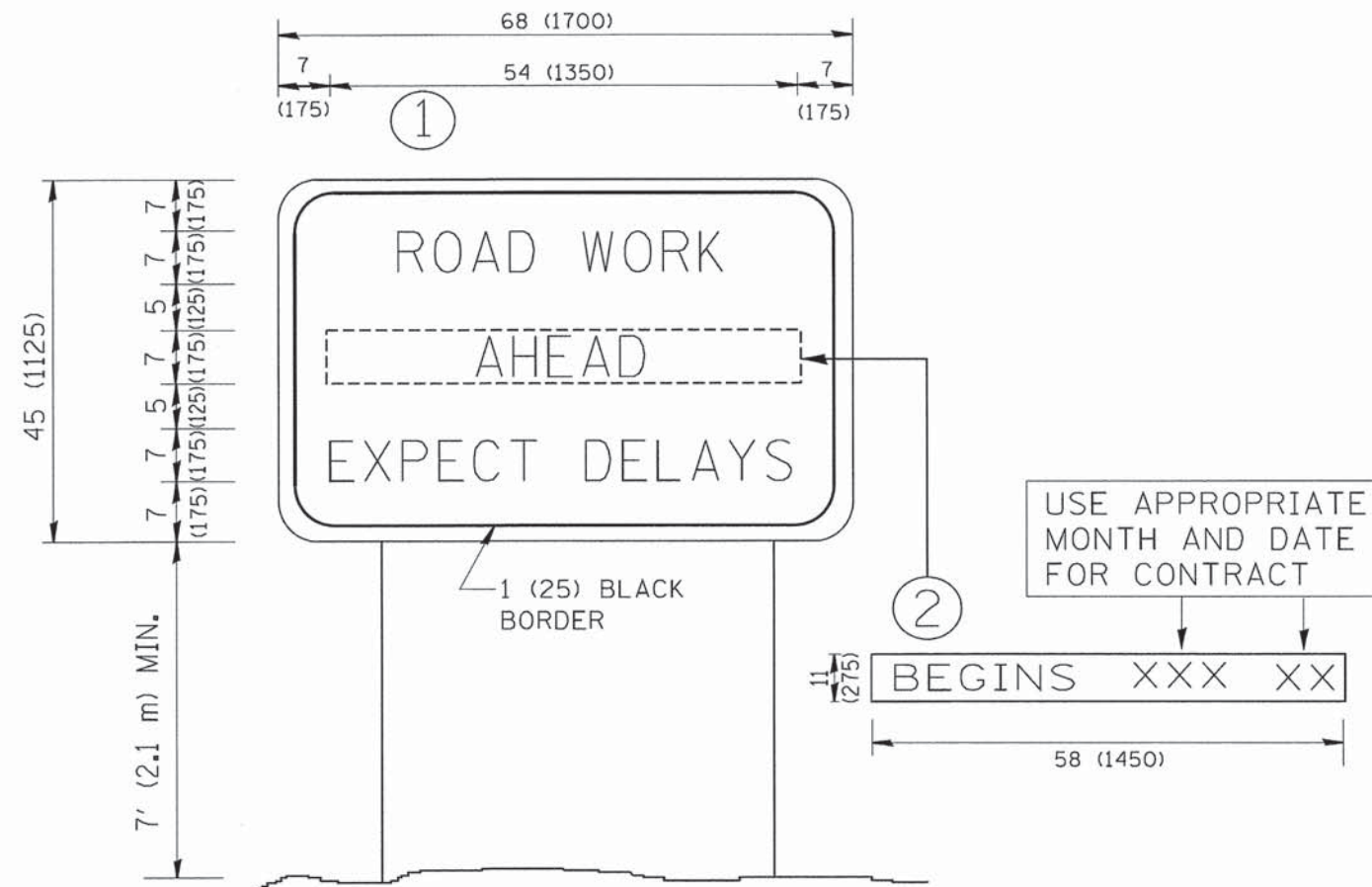
WEST M3-4-2412

DETOUR M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

FILE NAME = c:\pwwork\pww\DOT\DRIVAKOSGN\d0106315\121.dgn	USER NAME = drivakosgn	DESIGNED - DRAWN -	REVISED - 10-18-02 REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS			F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 64
PLOT SCALE = 1/4" = 100'	CHECKED -	REVISIED -	REVISIED -		SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
PLOT DATE = 9/14/2009	DATE -	REVISIED -	REVISIED -		CONTRACT NO. 63779							
TC-21												



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\distatd\22x34\sc22.dgn	USER NAME = geglennobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50,000 "/ IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

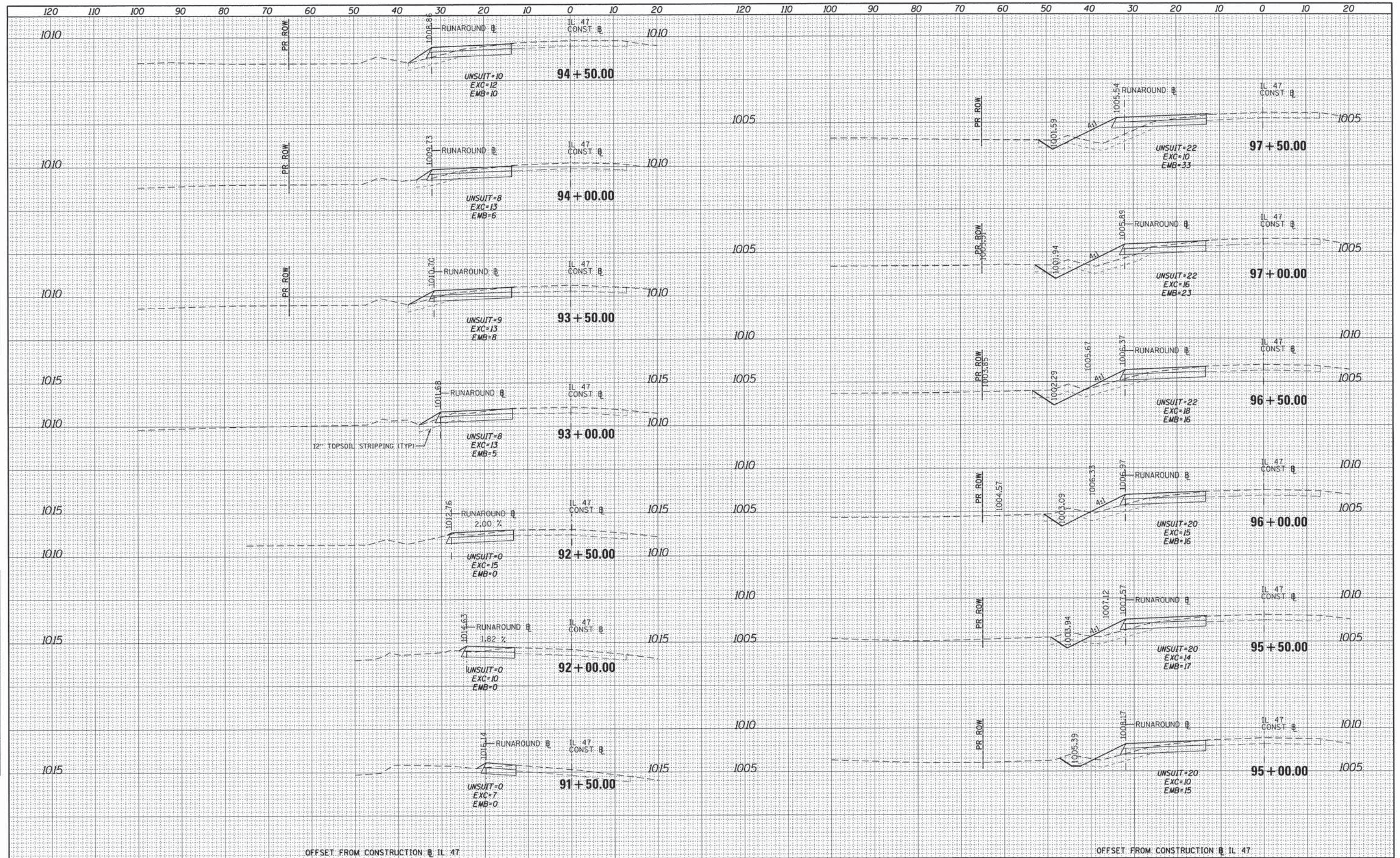
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	65
TC-22		CONTRACT NO. 63779		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



OFFSET FROM CONSTRUCTION @ IL 47

OFFSET FROM CONSTRUCTION @ IL 47

FILE NAME = 66343_xssht_runaround.dgn
 USER NAME = mpeprink
 PLOT SCALE = 1/8" = 100' / in.
 PLOT DATE = 6/22/2015

DESIGNED - MAP
 DRAWN - MAP
 CHECKED - M. MACK
 DATE - 2/04/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

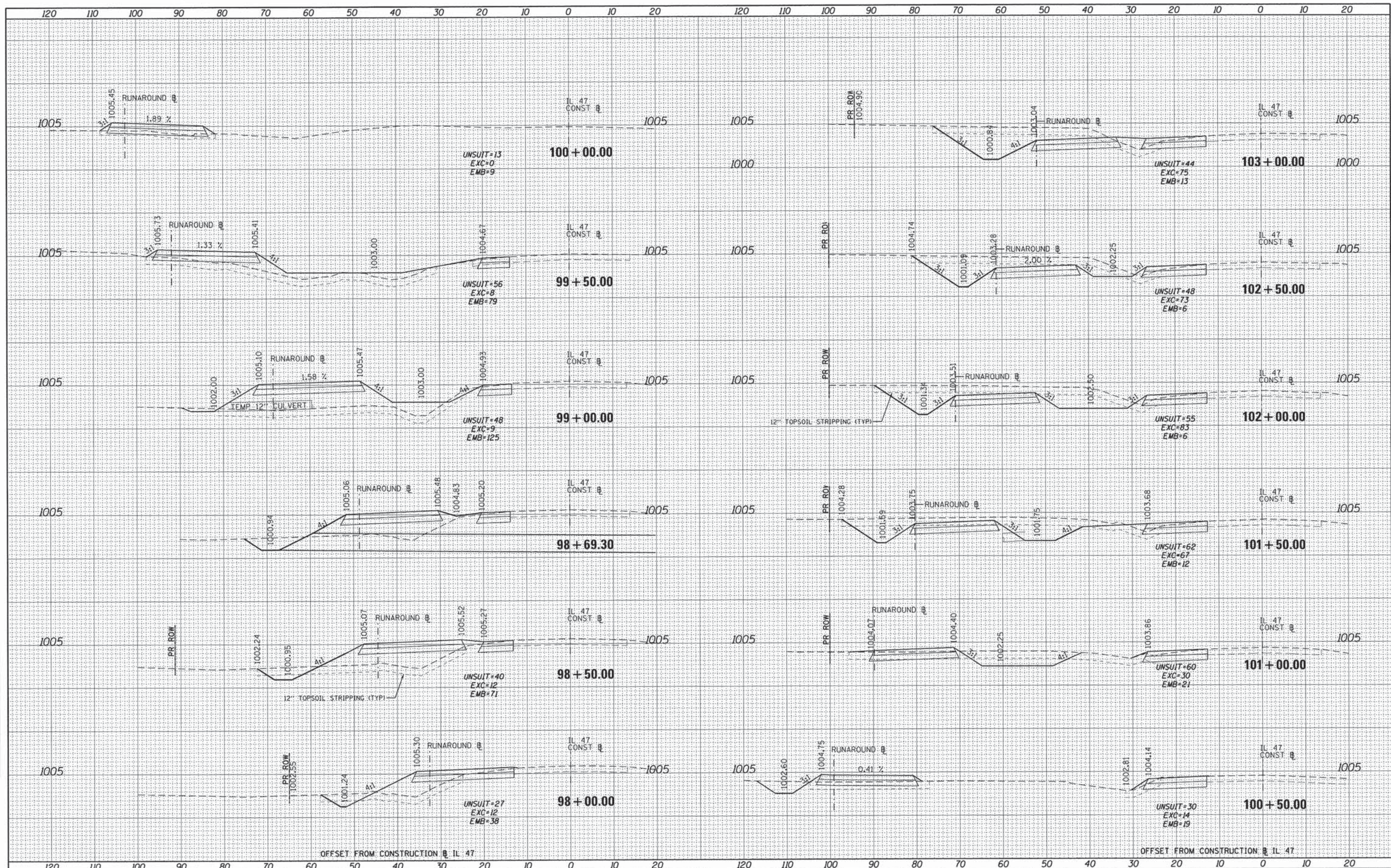
RUNAROUND CROSS SECTIONS

SCALE: SHEET 1 OF 3 SHEETS STA. 91+50.00 TO STA. 97+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	66
CONTRACT NO. 63779				
(ILLINOIS) FED. AID PROJECT				

DATE	
BY	
REVISIONS	
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DESCRIPTION	
DATE	
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REVISIONS	
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DESCRIPTION	

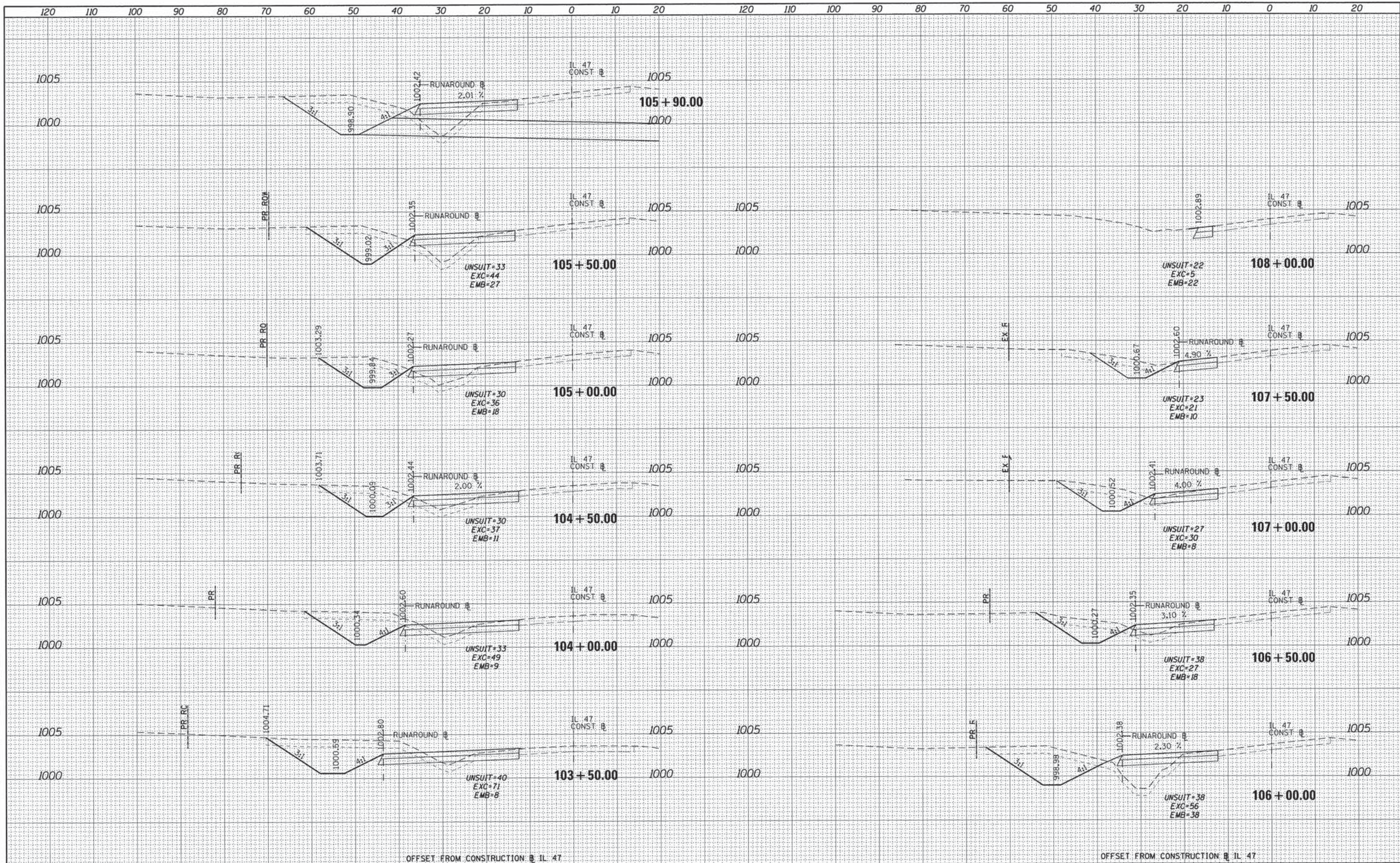
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DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	



FILE NAME = 66343_xsst_runaround.dgn	USER NAME = mpsirnik	DESIGNED - MAP	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RUNAROUND CROSS SECTIONS		F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 67	
PLOT SCALE = 1/8" = 1'	CHECKED - M. MACK	DRAWN - MAP	REVISIONS -		SCALE: 1" = 40'	SHEET 2 OF 3 SHEETS	STA. 98+00.00 TO STA. 103+00.00	CONTRACT NO. 63779				
PLOT DATE = 6/22/2015	DATE - 2/04/2013	CHECKED - M. MACK	REVISIONS -		ILLINOIS FED. AID PROJECT							
		DATE - 2/04/2013	REVISIONS -									

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	



FILE NAME = 66343_xssht_runaround.dgn	USER NAME = mpapirnik	DESIGNED - MAP	REVISED -
		DRAWN - MAP	REVISED -
		CHECKED - M. MACK	REVISED -
		DATE - 2/04/2013	REVISED -

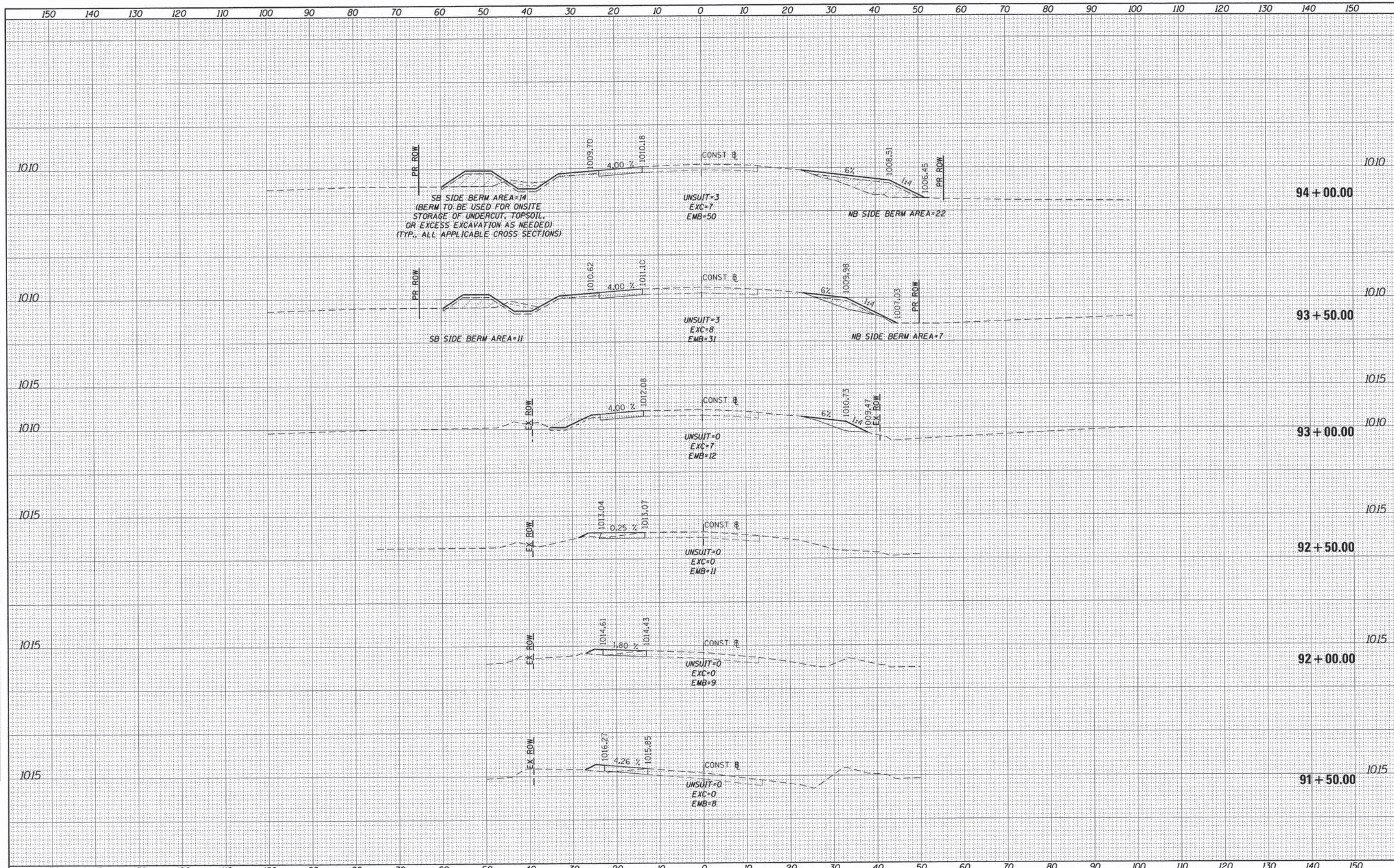
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RUNAROUND CROSS SECTIONS	
SCALE:	SHEET 3 OF 3 SHEETS
STA. 103+50.00 TO STA. 108+00.00	

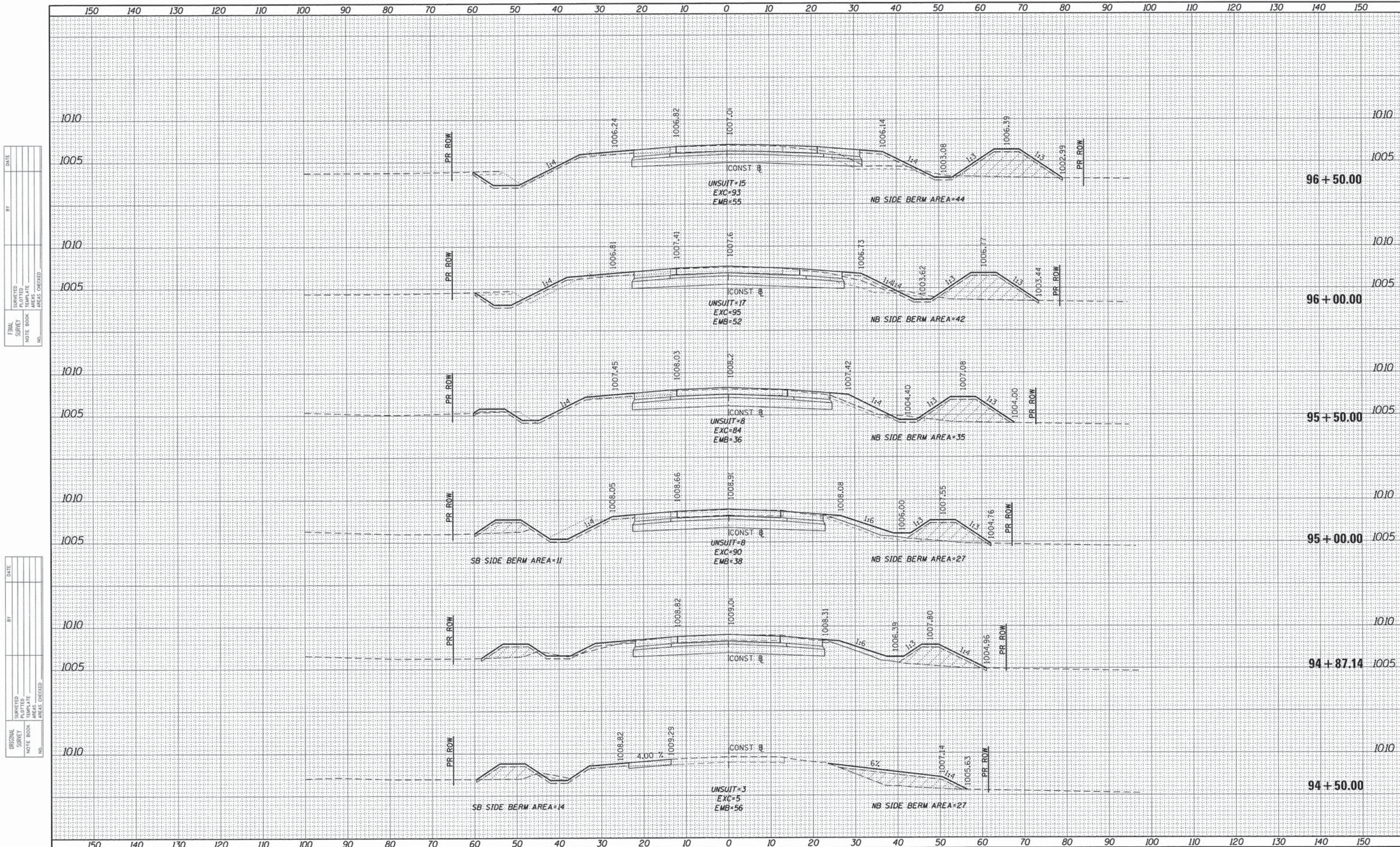
F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 68
CONTRACT NO. 63779				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = 66343.xssht_IL47.dgn	USER NAME = mpapirnik	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 77 CROSS SECTIONS	F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 69	
Default	PLOT SCALE = 18.0000' / 1"	CHECKED -	REVISED -			SCALE:	SHEET 1 OF 8 SHEETS	STA. 91+50.00 TO STA. 94+00.00		CONTRACT NO. 63779	
	PLOT DATE = 6/22/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



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

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

FILE NAME = 66343_xssht_IL47.dgn

USER NAME = mpapirusnik
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 6/22/2015

DESIGNED -
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 CHECKED -
 DATE -

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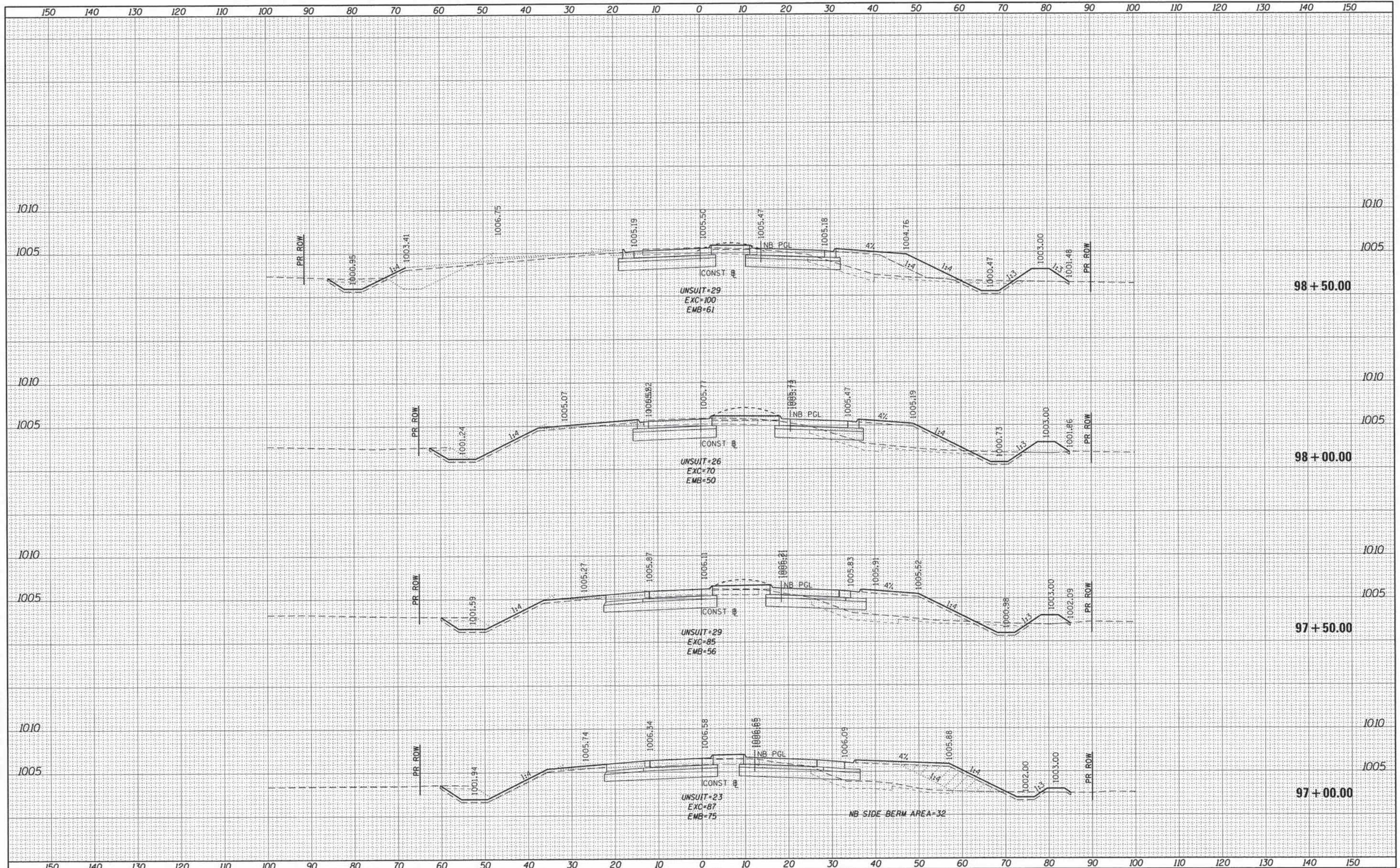
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 77 CROSS SECTIONS
 SCALE: SHEET 2 OF 8 SHEETS STA. 94+50.00 TO STA. 96+50.00

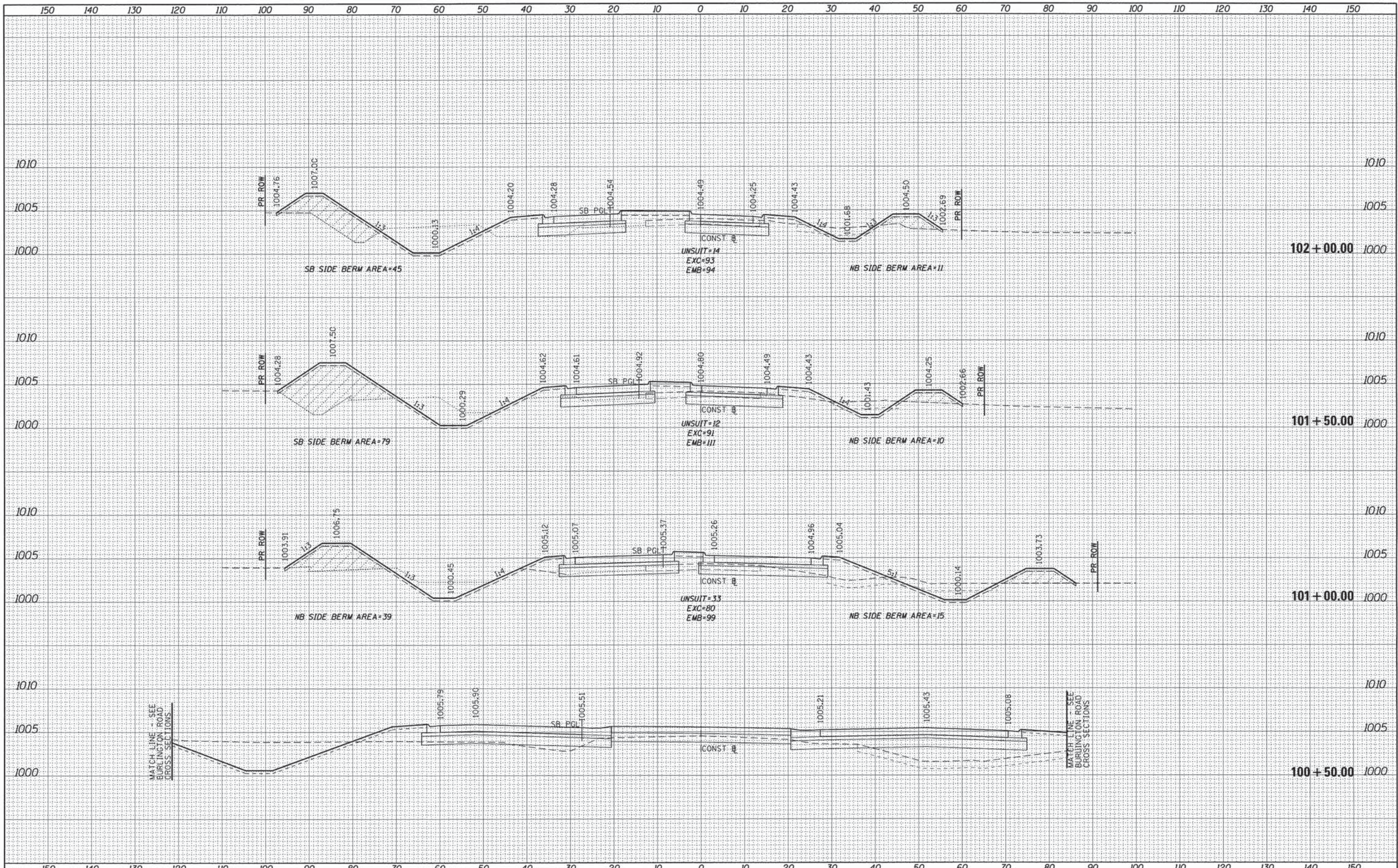
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	70
			CONTRACT NO. 63779	
ILLINOIS FED. AID PROJECT				

BY	DATE
FINISHED SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = 66343_xssht_1147.dgn	USER NAME = mpapsrnsk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 77 CROSS SECTIONS	F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 71	
PLOT SCALE = 1/8" = 10'-0"	PLOT DATE = 6/22/2015	DRAWN -	REVISED -			SCALE:	SHEET 3 OF 8 SHEETS	STA. 97+00.00 TO STA. 98+50.00		CONTRACT NO. 63779	
CHECKED -	DATE -	REVISOR -	REVISOR -			ILLINOIS FED. AID PROJECT					
REVISIONS											



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

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

FILE NAME = 66343_xssht_IL47.dgn
 USER NAME = mpapirnik
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 6/22/2015

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

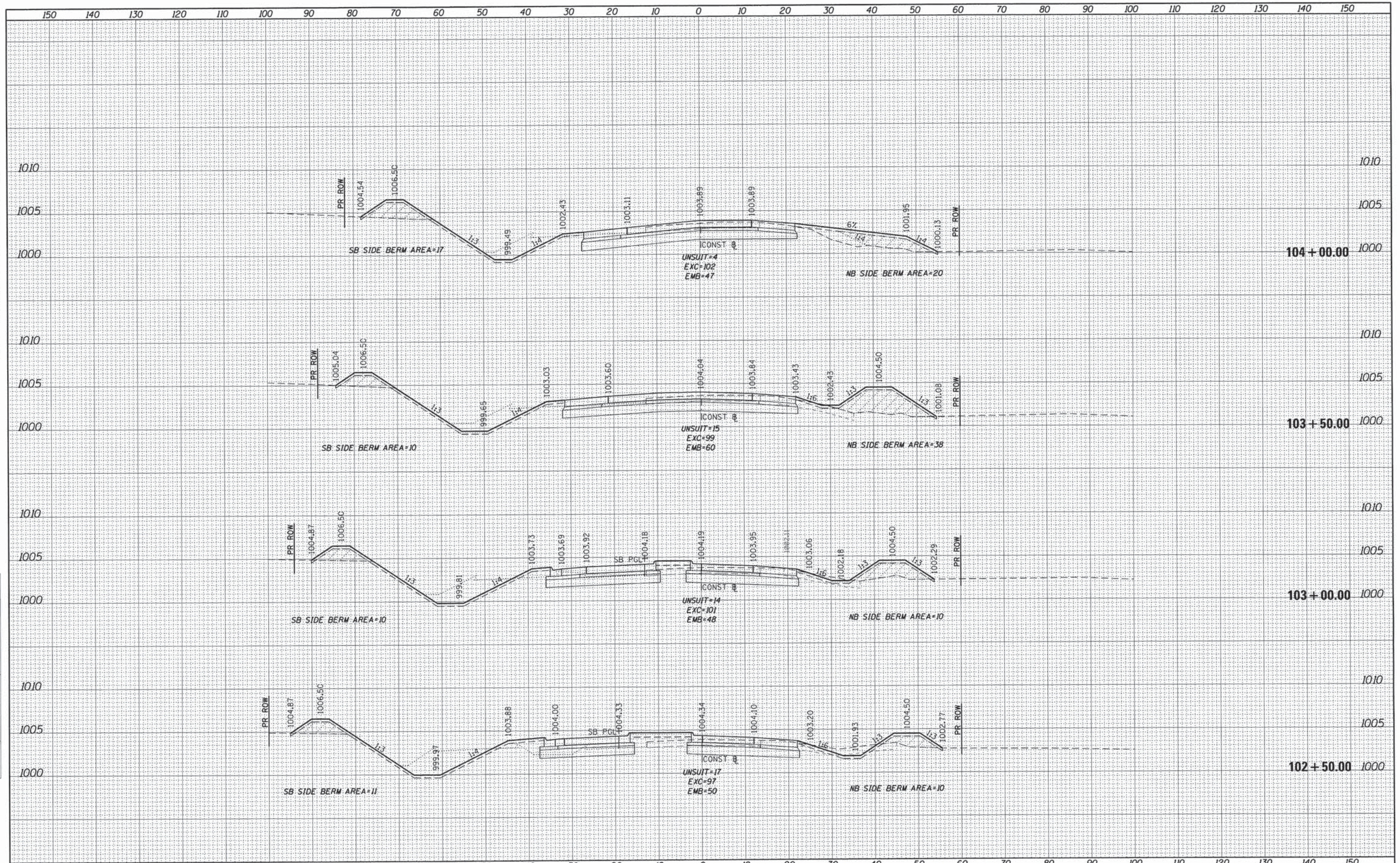
ILLINOIS ROUTE 47 CROSS SECTIONS

SCALE: SHEET 5 OF 8 SHEETS STA. 100+50.00 TO STA. 102+00.00

F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 73
CONTRACT NO. 63779				ILLINOIS FED. AID PROJECT

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

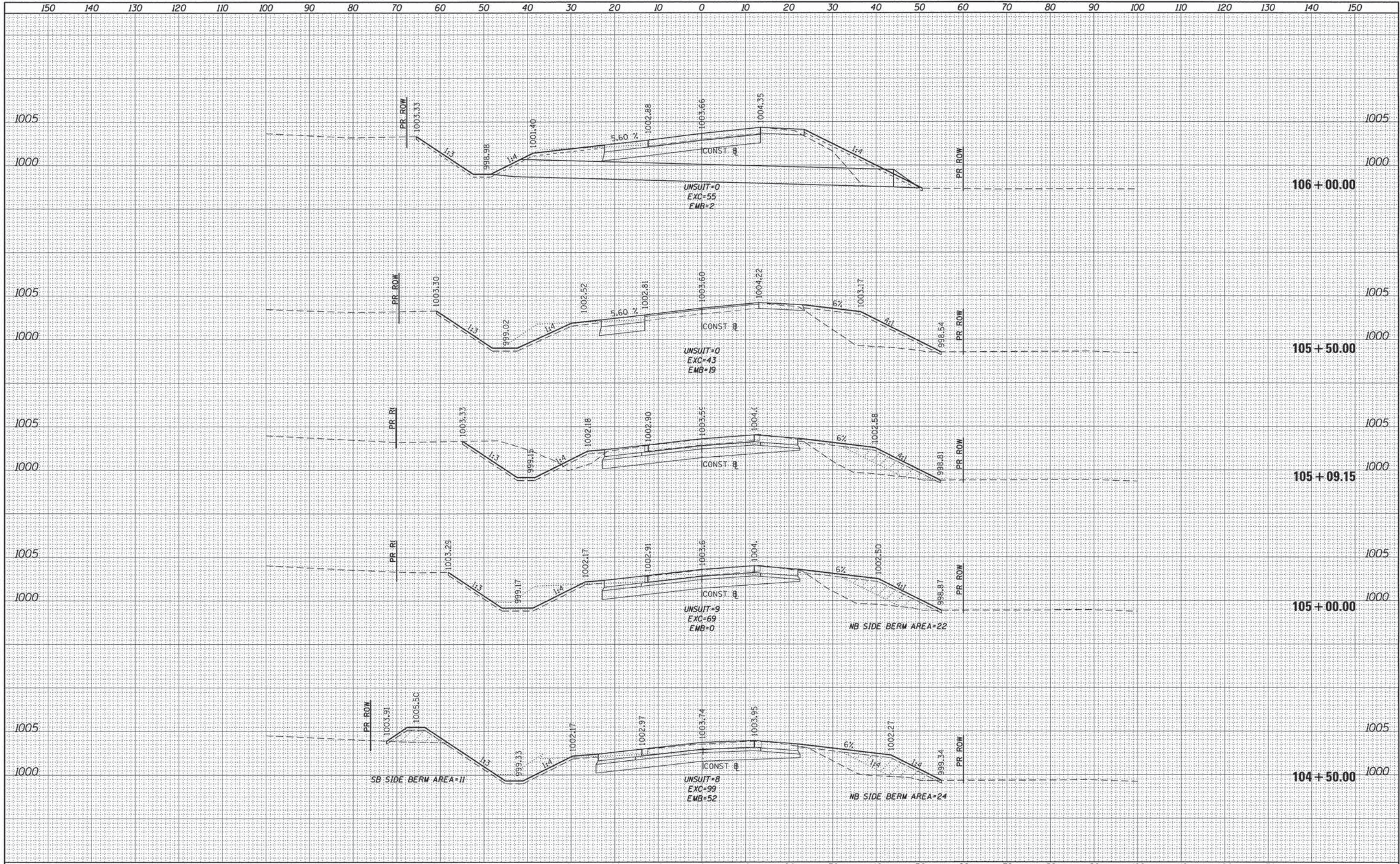
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME = 66343_xssht...IL47.dgn	USER NAME = mpapirrusk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 77 CROSS SECTIONS SCALE: SHEET 6 OF 8 SHEETS STA. 102+50.00 TO STA. 104+00.00	F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 74	
PLOT SCALE = 10.0000' / 1" / Default	PLOT DATE = 6/22/2015	DRAWN -	REVISED -			CONTRACT NO. 63779		ILLINOIS FED. AID PROJECT			
		CHECKED -	REVISED -								
		DATE -	REVISED -								

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	



FILE NAME = 66343_xssht_IL47.dgn
 PLOT SCALE = 10.0000' / 1" = 120
 PLOT DATE = 6/22/2015

USER NAME = mpapuruk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

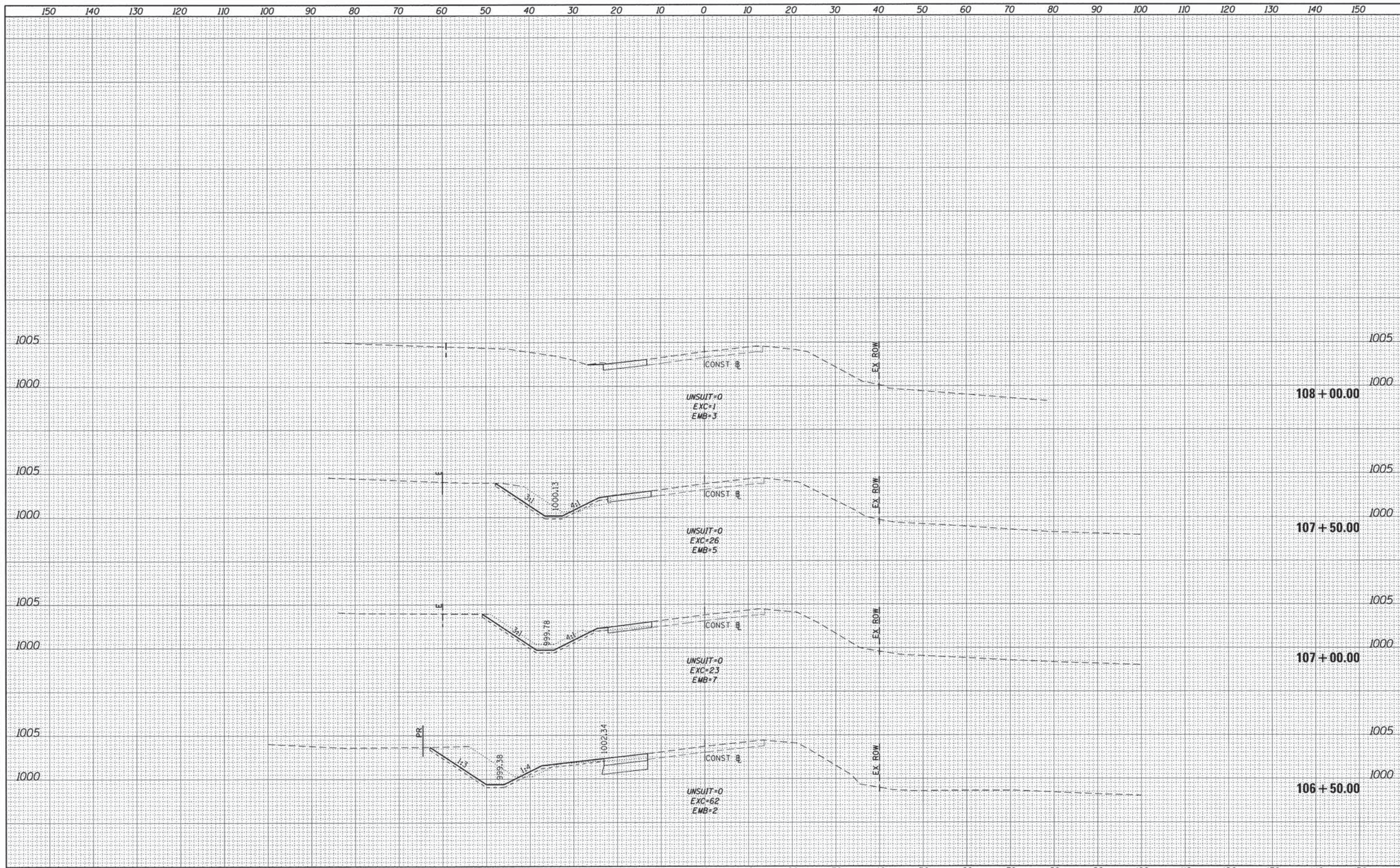
ILLINOIS ROUTE 47 CROSS SECTIONS

SCALE: SHEET 7 OF 8 SHEETS STA. 104+50.00 TO STA. 106+00.00

F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 75
CONTRACT NO. 63779			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	NO.	
TEMPLATE	AREAS CHECKED	
AREAS CHECKED		

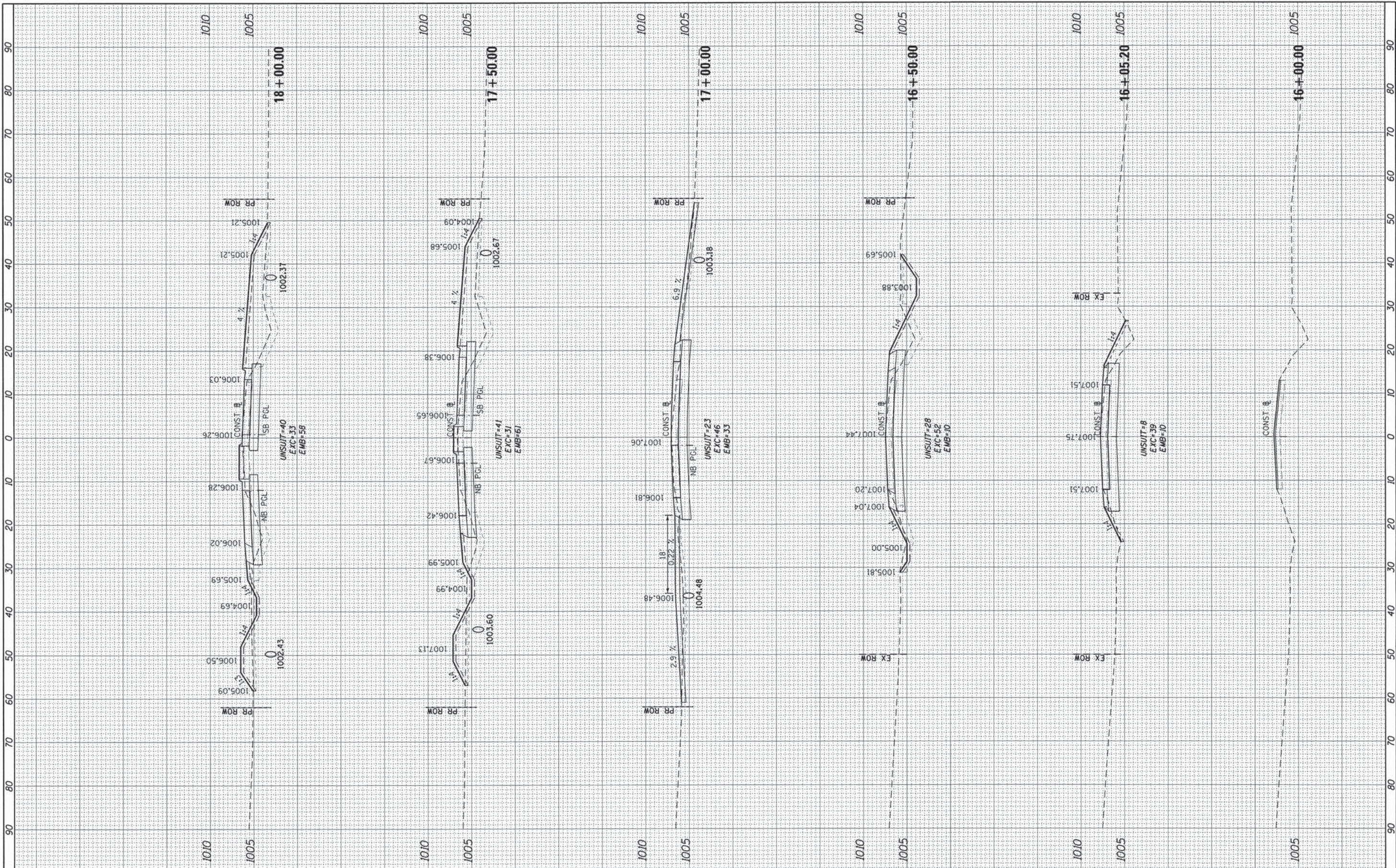
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	NO.	
TEMPLATE	AREAS CHECKED	
AREAS CHECKED		



FILE NAME = 66343_xssht_il47.dgn	USER NAME = mpaiprnuk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 47 CROSS SECTIONS				F.A.P. RTE. = 326	SECTION = 07-00357-00-CH	COUNTY = KANE	TOTAL SHEETS = 80	SHEET NO. = 76
PLOT SCALE = 10,000' / in.	PLOT DATE = 6/22/2015	DRAWN -	REVISED -		SCALE:	SHEET 8	OF 8	SHEETS	STA. 106+50.00	TO STA. 108+00.00	CONTRACT NO. 63779		
Default		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										

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

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



FILE NAME = 66343_xesht_burl1.dgn

USER NAME = mpapirnik
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 6/22/2015

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

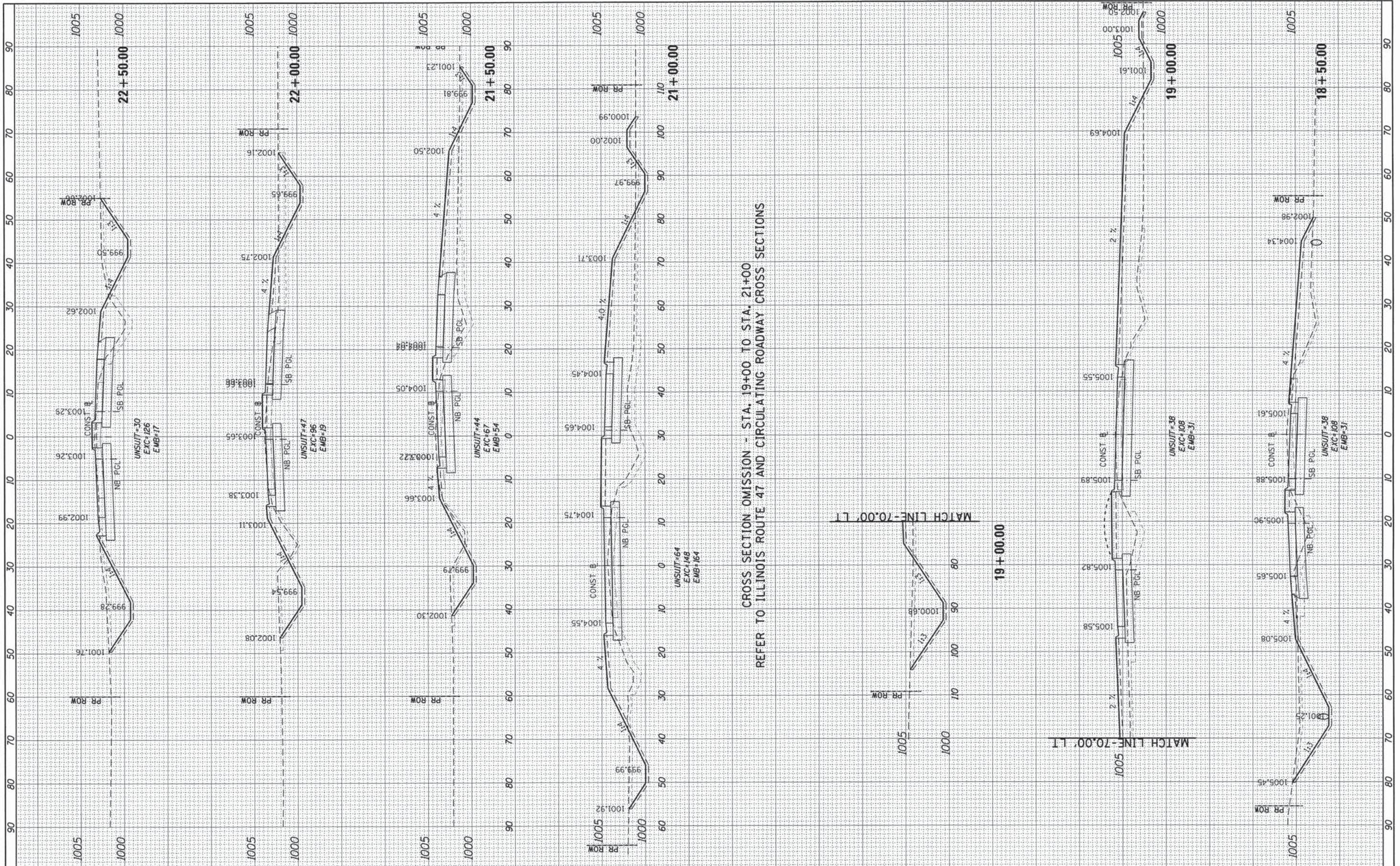
BURLINGTON ROAD CROSS SECTIONS

SCALE: SHEET 1 OF 3 SHEETS STA. 16+00.00 TO STA. 18+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	77
CONTRACT NO. 63779			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
REVISIONS	BY
NOTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
REVISIONS	BY
NOTED	
TEMPLATE	
AREAS	
CHECKED	



CROSS SECTION OMISSION - STA. 19+00 TO STA. 21+00
REFER TO ILLINOIS ROUTE 47 AND CIRCULATING ROADWAY CROSS SECTIONS

FILE NAME = 66343_xasht_bur1.dgn
Default

USER NAME = mpapirnik
PLOT SCALE = 10.0000' / 1" =
PLOT DATE = 6/22/2015

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

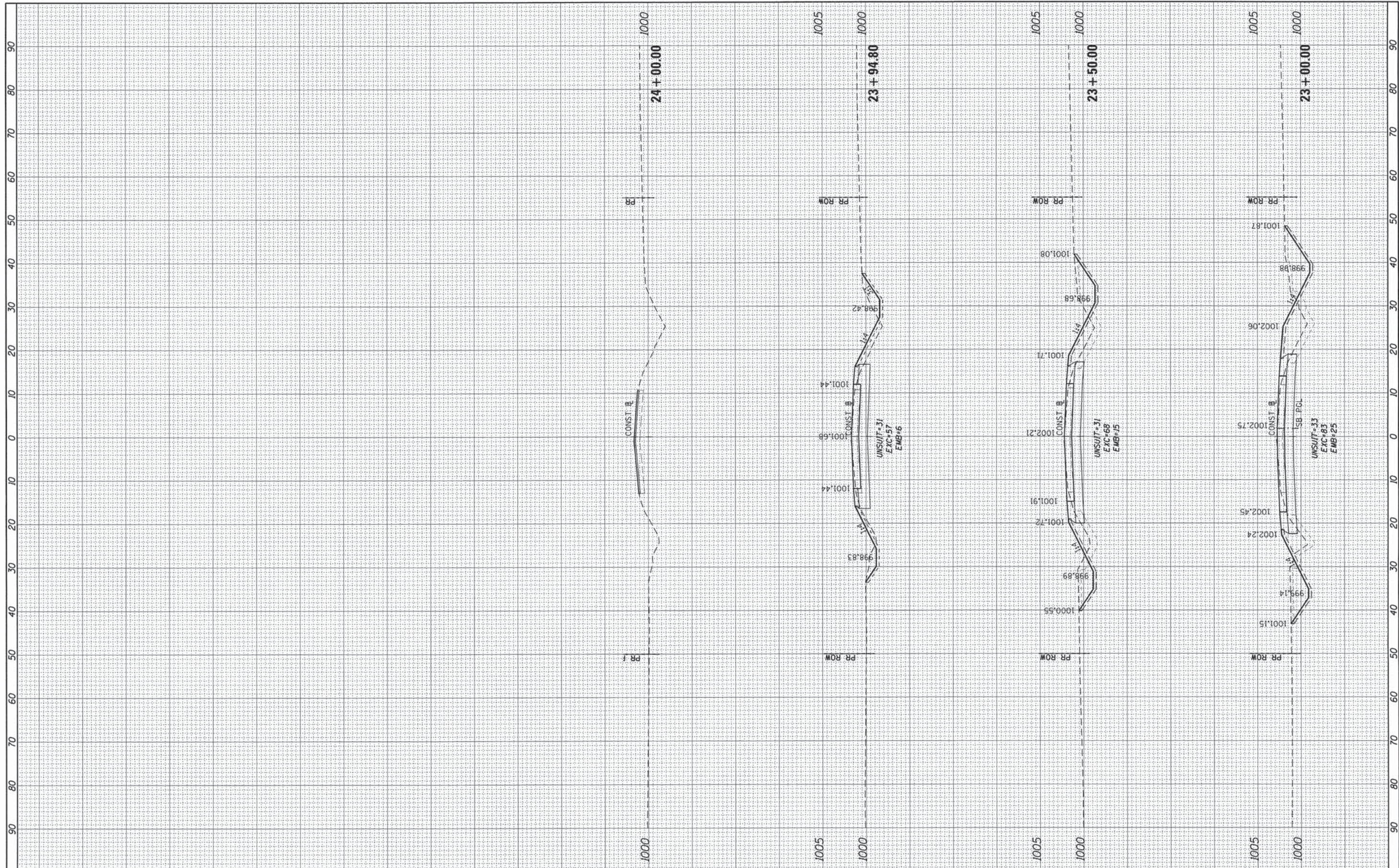
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BURLINGTON ROAD CROSS SECTIONS
SCALE: SHEET 2 OF 3 SHEETS STA. 18+50.00 TO STA. 22+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	07-00357-00-CH	KANE	80	78
CONTRACT NO. 63779				
ILLINOIS FED. AID PROJECT				

FINL	REVIEWED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	CHECKED	

ORIGINAL	REVIEWED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	CHECKED	



FILE NAME = 66343_xsht_bur1.dgn
 Default

USER NAME = mpapirnik
 PLOT SCALE = 10.0000' / 1" =
 PLOT DATE = 6/22/2015

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

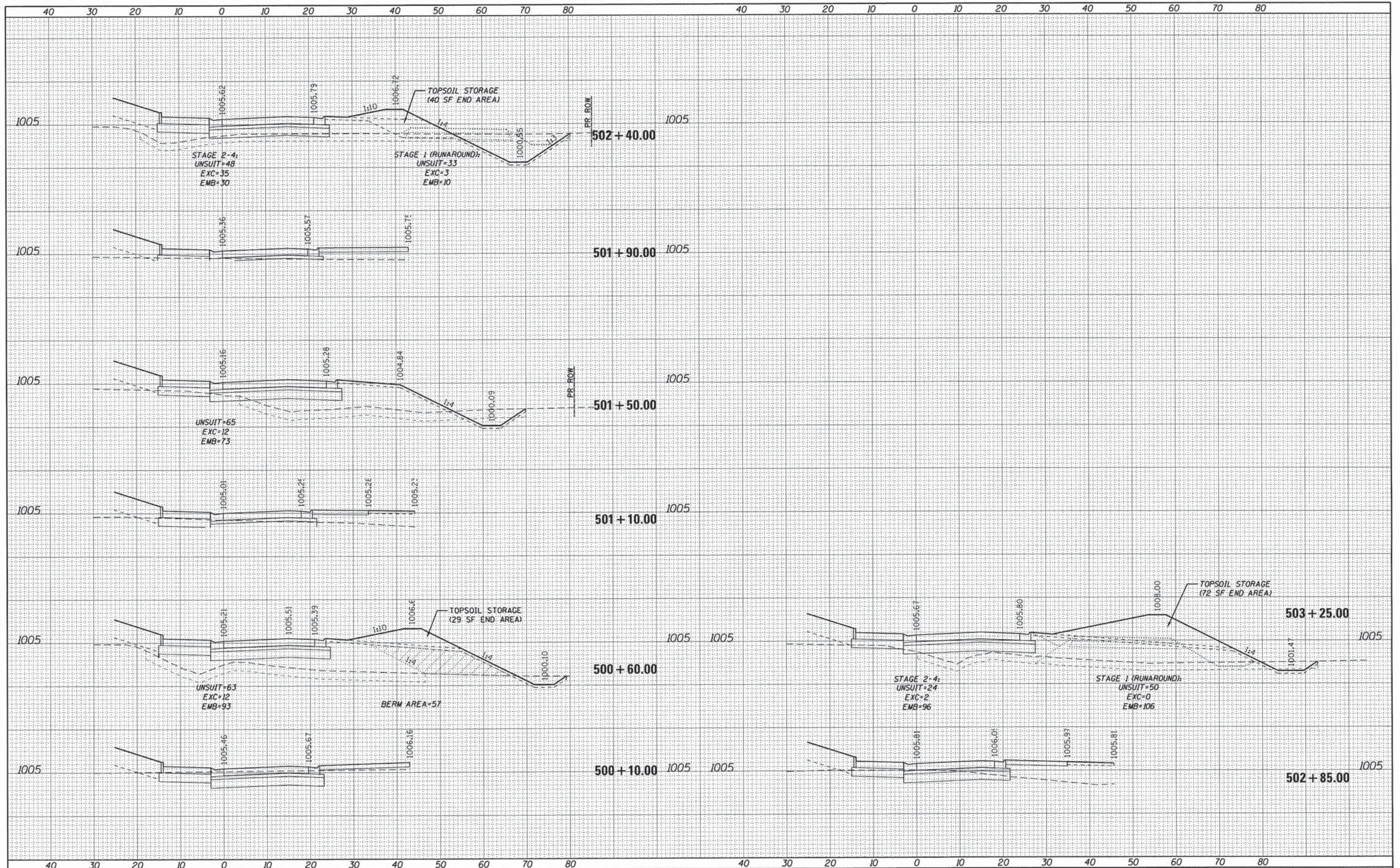
BURLINGTON ROAD CROSS SECTIONS

SCALE: SHEET 3 OF 3 SHEETS STA. 23+00.00 TO STA. 24+00.00

F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 79
CONTRACT NO. 63779			ILLINOIS FED. AID PROJECT	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = 66343.xssht_circ.dgn	USER NAME = mpapirnik	DESIGNED - MAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CIRCULATING ROADWAY CROSS SECTIONS			F.A.P. RTE. 326	SECTION 07-00357-00-CH	COUNTY KANE	TOTAL SHEETS 80	SHEET NO. 80
PLOT SCALE = 10.0000' / in.	CHECKED - RG	DATE - 2/04/2013	REVISED -		SCALE: 1"=10' H	SHEET 1 OF 1 SHEETS	STA. 500+10.00 TO STA. 503+25.00	CONTRACT NO. 63779				
PLOT DATE = 6/22/2015	DATE - 2/04/2013	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							