

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**PROPOSED
 HIGHWAY PLANS**
 F.A.P. 346: US ROUTE 41

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	*135	1
FED. ROAD DIST. NO. 1	ILLINOIS			60W99

D-91-414-13 *135 + 2 = 137

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT LOCATED WITHIN THE VILLAGE OF GURNEE, PARK CITY, CITY OF WAUKEGAN, CITY OF NORTH CHICAGO, CITY OF KNOLLWOOD, VILLAGE OF LAKE BLUFF, CITY OF LAKE FOREST, CITY OF HIGHLAND PARK.

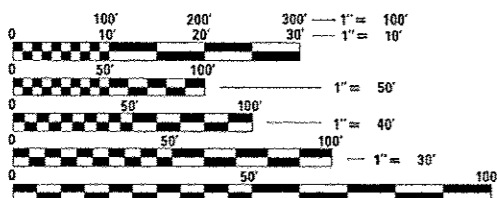
FUNCTIONAL CLASSIFICATION
 MINOR ARTERIAL

TRAFFIC DATA
 US ROUTE 41
 2011 ADT=VARIES (24500-54600)

US ROUTE 41
 POSTED SPEED LIMIT=VARIES (45-55 MPH)
 DESIGN SPEED LIMIT=SAME AS EXISTING

IL ROUTE 21 TO PARK AVENUE W.
 SECTION: 2013-0531
 PROJECT NO.: *ACHSIP-0346 (017)*
**HMA SHOULDERS, GUARDRAIL, SIGNING, PAVEMENT WIDENING
 TRAFFIC SIGNAL MODERNIZATION**
 LAKE COUNTY

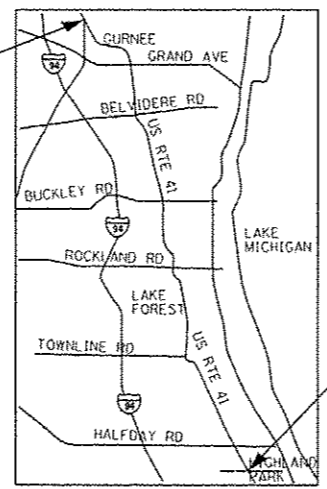
C-91-414-13



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 BEGINS
 STA. 422 + 00



PROJECT ENDS
 STA. 945 + 00

LOCATION MAP
 NOT TO SCALE

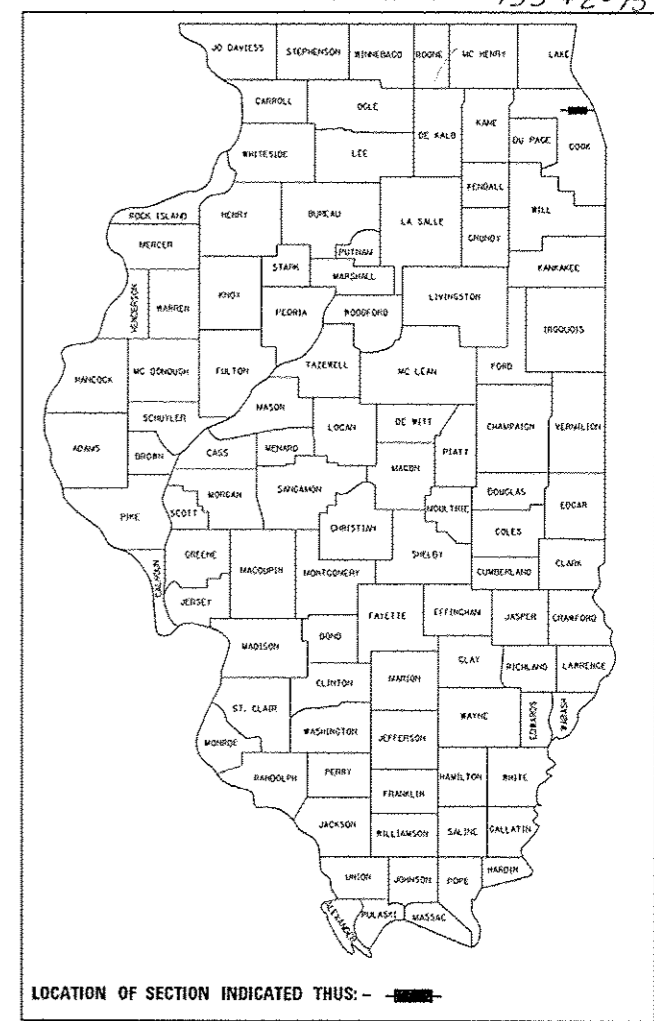
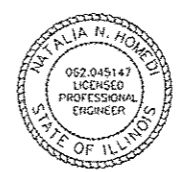
GROSS LENGTH OF PROJECT = 70224 FT. = 13.3 MILES
 NET LENGTH OF PROJECT = 70224 FT. = 13.3 MILES

PROJECT MANAGER: KEN ENG (847) 705-4211
 PROJECT ENGINEER: JENPAI CHANG (847) 705-4432
 CONTRACT NO. 60W99


MILLENNIA PROFESSIONAL SERVICES OF IL, LTD.
 EMMANUEL GOMEZ, P.E.
 IL. LIC. NO. 062-049155
 EXPIRES 11/30/2015
 SIGNED: *Emmanuel Gomez*
 DATE: *11/24/2014*



ATLAS ENGINEERING GROUP, LTD.
 NATALIA N. HOMETI, P.E.
 IL. LIC. NO. 062-045147
 EXPIRES 11/30/2015
 SIGNED: *Natalia N. Hometi*
 DATE: *11-24-2014*



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 SUBMITTED *November 26 2014*
John F. ...
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Mar 20 2015
John D. Baranzelli, P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT
Mar 20 2015
Omer Osman, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 MILLENNIA PROFESSIONAL SERVICES

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GENERAL NOTES CONTINUED

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

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 119 ARTERIAL ROAD INFORMATION SIGN (TC22)
 120-135 CROSS SECTIONS

COMMITMENTS

NO COMMITMENTS FOR THIS PROJECT

000001-06	ABBREVIATIONS, SYMBOLS AND PATTERNS
280001-07	EROSION CONTROL SYSTEMS, TEMPORARY
353001-04	BASE COURSE, PCC WITH HMA BINDER AND SURFACE COURSES
424001-08	CURB RAMPS FOR SIDEWALKS, PERPENDICULAR
424006-02	CURB RAMPS FOR SIDEWALKS, DIAGONAL
442201-03	PATCHING, CLASS C AND D
542301-03	END SECTION, FLARED, PRECAST REINFORCED CONCRETE, ROUND
602001-02	CATCH BASIN TYPE A
602006-04	CATCH BASIN TYPE B
602406-06	MANHOLE TYPE A 6' DIAMETER
604001-04	FRAMES, GRATES AND LIDS: TYPE 1 FRAME AND LIDS
604031-03	FRAMES, GRATES AND LIDS: TYPE 7 GRATE
604036-03	FRAMES, GRATES AND LIDS: TYPE 8 GRATE
604086-03	FRAMES, GRATES AND LIDS: TYPE 23 FRAME AND GRATE
604091-03	FRAMES, GRATES AND LIDS: TYPE 24 FRAME AND GRATE
606001-06	CURB TYPE B AND COMBINATION CURB AND GUTTER, CONCRETE
606301-04	MEDIAN, CONCRETE
630001-10	GUARDRAIL: STEEL PLATE BEAM
630201-06	GUARDRAIL: STEEL PLATE BEAM, PCC/HMA STABILIZATION
631011-09	TRAFFIC BARRIER TERMINAL: TYPE 2
631031-13	TRAFFIC BARRIER TERMINAL: TYPE 6
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	RUMBLE STRIPS, SHOULDER, 16 INCH
642006	RUMBLE STRIPS, SHOULDER, 8 INCH
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701101-04	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701201-04	LANE CLOSURE, 2L, 2W: DAY ONLY, FOR SPEEDS > OR = 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W: SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > OR = 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701421-07	LANE CLOSURE, MULTILANE: DAY OPERATIONS ONLY, FOR SPEEDS > OR = 45 MPH TO 55 MPH
701426-07	LANE CLOSURE, MULTILANE: INTERMITTENT OR MOVING OPERATION, FOR SPEED > OR = 45 MPH
701701-07	LANE CLOSURE, URBAN: MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL, ERECTION DETAILS
729001-01	POSTS, METAL, APPLICATIONS FOR TYPE A AND B
805001-01	ELECTRICAL SERVICE INSTALLATION DETAIL
814001-03	HANDHOLES, POLYMER CONCRETE, SINGLE
814006-02	HANDHOLES, CONCRETE AND POLYMER CONCRETE, DOUBLE
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001-03	PEDESTRIAN PUSH BUTTON POST
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	TRAFFIC SIGNAL MOUNTING DETAILS, SPAN WIRE MOUNTED AND FLASHING BEACON
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS, POST AND BRACKET MOUNTED

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES AND VILLAGE OF GURNEE.

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

ALL DAMAGE TO EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE

NO ADDITIONAL COST TO THE DEPARTMENT.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCES. ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS-RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-FLOW RESISTANT)" SHOWN ON THE PLANS.

FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT

THE CONTRACTOR SHALL PLACE PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH DISTRICT 1 TYPICAL PAVEMENT MARKINGS DETAIL (TC-13).

THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL LOGS, SHRUBS, BUSHES, SAPLINGS, UNDERBRUSH OR DEBRIS ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS AT LOCATIONS REQUIRING ACCESS TO THE SUBSTRUCTURE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ANY ABANDONED UTILITY OR SEWER ENCOUNTERED DURING CONSTRUCTION SHALL BE PLUGGED BY THE ENGINEER AND ABANDONED IN PLACE. THIS WORK SHALL BE INCIDENTAL TO THE COST OF THE CONTRACT


DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY, AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE OF DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCIDENTAL IN THE COST OF THE CONTRACT.

IF CONFLICTS OCCUR AND RELOCATION OF THE NEW FACILITIES IS NOT FEASIBLE, THE CONTRACTOR SHALL WORK WITH THE ENGINEER TO MAKE ARRANGEMENTS WITH THE UTILITY COMPANIES TO HAVE THE AFFECTED UTILITIES PROTECTED OR RELOCATED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED AS A RESULT OF ANY ADDITIONAL COSTS.

THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, AT (847) 438-2300 OR (847) 715-8419 (CELL) A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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 USER = gennote
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CHECKED - TVN	REVISED -
DATE - 12/22/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
INDEX OF SHEETS, LIST OF IDOT HIGHWAY STANDARDS, GENERAL NOTES
AND COMMITMENTS

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	2
CONTRACT NO. 60W99				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				URBAN		
				ROADWAY 90% FED (HSIP) 10% STATE 0004	TRAFFIC SIGNAL 90% FED (HSIP) 5% STATE 2.5% COUNTY 2.5% VILLAGE 0021	
20200100	EARTH EXCAVATION	CU YD	2915	2915		
20800150	TRENCH BACKFILL	CU YD	1379.1	1379.1		
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	23318	23318		
25000210	SEEDING, CLASS 2A	ACRE	4.8	4.8		
25000312	SEEDING, CLASS 4A	ACRE	0.5	0.5		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	377	377		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	377	377		
25100115	MULCH, METHOD 2	ACRE	0.1	0.1		
25100630	EROSION CONTROL BLANKET	SQ YD	23106	23106		
25200110	SODDING, SALT TOLERANT	SQ YD	212	212		
28000305	TEMPORARY DITCH CHECKS	FOOT	124	124		
28000400	PERIMETER EROSION BARRIER	FOOT	8480	8480		
28000510	INLET FILTERS	EACH	20	20		
28100107	STONE RIPRAP, CLASS A4	SQ YD	301	301		
28200200	FILTER FABRIC	SQ YD	284	284		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	693	693		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1731	1731		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	402.4	402.4		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	85.4	85.4		
42001300	PROTECTIVE COAT	SQ YD	324	324		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1026	1026		
42400800	DETECTABLE WARNINGS	SQ FT	40	40		
44000100	PAVEMENT REMOVAL	SQ YD	184	184		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	925	925		
44000600	SIDEWALK REMOVAL	SQ FT	1001	1001		
44003100	MEDIAN REMOVAL	SQ FT	1023	1023		
44004250	PAVED SHOULDER REMOVAL	SQ YD	14691	14691		
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	94	94		
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	31	31		

* SPECIALTY ITEM

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 USER: Milleanna Professional Services



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DATE	12/19/2014	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	


SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN	
				ROADWAY	TRAFFIC SIGNAL
				90% FED (HSIP) 10% STATE	90% FED (HSIP) 5% STATE 2.5% COUNTY 2.5% VILLAGE
				0004	0021
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	30968	30968	
50102400	CONCRETE REMOVAL	CU YD	0.3	0.3	
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2	
50105220	PIPE CULVERT REMOVAL	FOOT	222	222	
50300225	CONCRETE STRUCTURES	CU YD	0.3	0.3	
50300300	PROTECTIVE COAT	SQ YD	229	229	
50800105	REINFORCEMENT BARS	POUND	24	24	
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	170	170	
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	65	65	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	772	772	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	293	293	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	397	397	
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	717	717	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1	
55100700	STORM SEWER REMOVAL 15"	FOOT	460	460	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	8	8	
60206600	CATCH BASINS, TYPE B, TYPE 7 GRATE	EACH	13	13	
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60251730	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	3	3	
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	3	3	
60500040	REMOVING MANHOLES	EACH	1	1	
60500050	REMOVING CATCH BASINS	EACH	2	2	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	2.1	2.1	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	856	856	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	587.5	587.5	
* 63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	12.5	12.5	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2	

* SPECIALTY ITEM

FILE NAME: P:\2014\ME14027_VerVar_Phil\W01_0541_06\any\CADD\Shets\03-DIL\60W99-1st-500.dgn
 USER: M. J. MILLER
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DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
SUMMARY OF QUANTITIES

SCALE: SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY	TRAFFIC SIGNAL	
				90% FED (HSIP) 10% STATE	90% FED (HSIP) 5% STATE 2.5% COUNTY 2.5% VILLAGE	
				0004	0021	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4		
63200310	GUARDRAIL REMOVAL	FOOT	200	200		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	81086	81086		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	186395	186395		
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1	1		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1700	1700		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12		
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1		
67100100	MOBILIZATION	L SUM	1	1		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	3409.5	3384.5	25	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	535.6	505.6	30	
* 72000300	SIGN PANEL - TYPE 3	SQ FT	2940.3	2940.3		
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	518	518		
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	37	37		
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	3343.5	3343.5		
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	2912.2	2912.2		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	2535	2535		
* 73000100	WOOD SIGN SUPPORT	FOOT	1292	1292		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	146	146		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	28382	28382		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1547	1547		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	198	198		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	59	59		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	140	140		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	18	18		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	36	36		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	9	9		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	11906	11906		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	14	14		
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1	

* SPECIALTY ITEM

FILE NAME: P:\2014\ME14827_Ver\Var_Phil\W01 US41_Delany\CADD\Sheet\83-DLL8W99-1-1-800.dgn
 USER: MPPS
 MILLENNIA PROFESSIONAL SERVICES



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DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				<i>URBAN</i>		
				ROADWAY 90% FED (HSIP) 10% STATE 0004	TRAFFIC SIGNAL 90% FED (HSIP) 5% STATE 2.5% COUNTY 2.5% VILLAGE 0021	
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	791		791	
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	136		136	
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	59		59	
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	424		424	
* 81400100	HANDHOLE	EACH	2		2	
* 81400200	HEAVY-DUTY HANDHOLE	EACH	7		7	
* 81400300	DOUBLE HANDHOLE	EACH	2		2	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	799		799	
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1796		1796	
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2871		2871	
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1771		1771	
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2384		2384	
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	88		88	
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1842		1842	
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1		1	
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1		1	
* 87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1		1	
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2		2	
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1		1	
* 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	2		2	
* 87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1		1	
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20		20	
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4	
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54		54	
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8		8	
* 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3		3	
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1		1	
* 88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1	

• SPECIALTY ITEM

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 USER: NAME
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DATE - 12/19/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 4 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	136	6
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE


CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY 90% FED (HSIP) 10% STATE 0004	TRAFFIC SIGNAL 90% FED (HSIP) 5% STATE 2.5% COUNTY 2.5% VILLAGE 0021	
* 88030230	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	2		2	
* 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1	
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4		4	
* 88200200	TRAFFIC SIGNAL BACKPLATE, ALUMINUM	EACH	12		12	
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	10		10	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1269		1269	
* 88700200	LIGHT DETECTOR	EACH	4		4	
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	4		4	
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4		4	
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1	
* 89502380	REMOVE EXISTING HANDHOLE	EACH	10		10	
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1	
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8		8	
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	969		969	
* X0327406	RELOCATE EXISTING VIDEO ENCODER, SPECIAL	EACH	1		1	
* X0327423	CONNECTION TO EXISTING CULVERT	EACH	6	6		
* X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	344	344		
* X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	17	17		
* X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	12	12		
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
* X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1		1	
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1	
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	114		114	
* X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	114		114	
* XX007017	TERMINATE FIBER IN CABINET	EACH	8		8	
* XX008251	SPLICE FIBER IN CABINET	EACH	4		4	
* Z0000100	ABANDON EXISTING CULVERT	EACH	1	1		
* Z0005300	BOX CULVERTS TO BE CLEANED	EACH	1	1		

◇ 100% VILLAGE

• SPECIALTY ITEM

△ NON-PARTICIPATION ITEMS (100% STATE)

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 PLOT SCALE: 1"=100'
 USER: JACOB



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CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

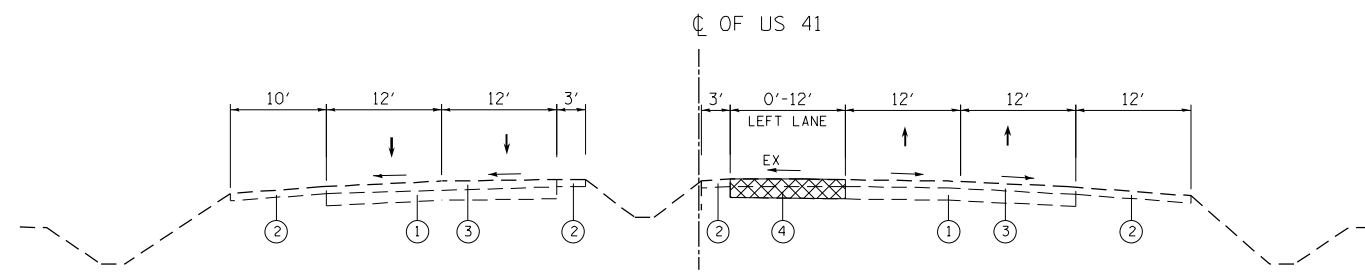
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
SUMMARY OF QUANTITIES**

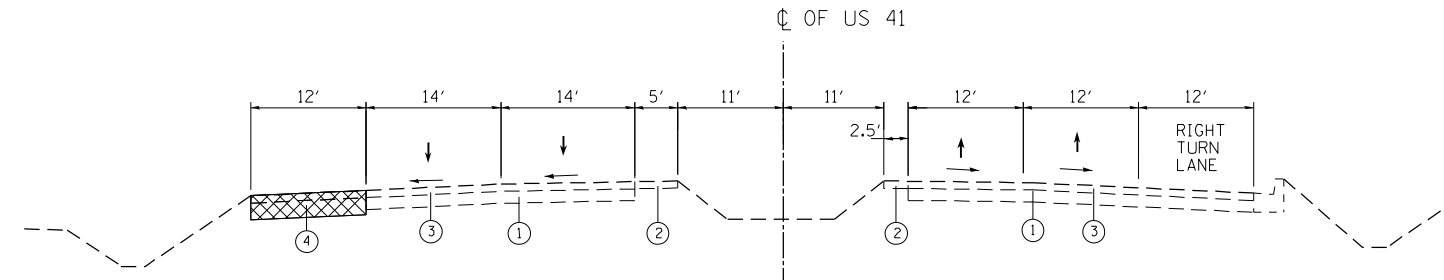
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	74
CONTRACT NO. 6QW99			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT	

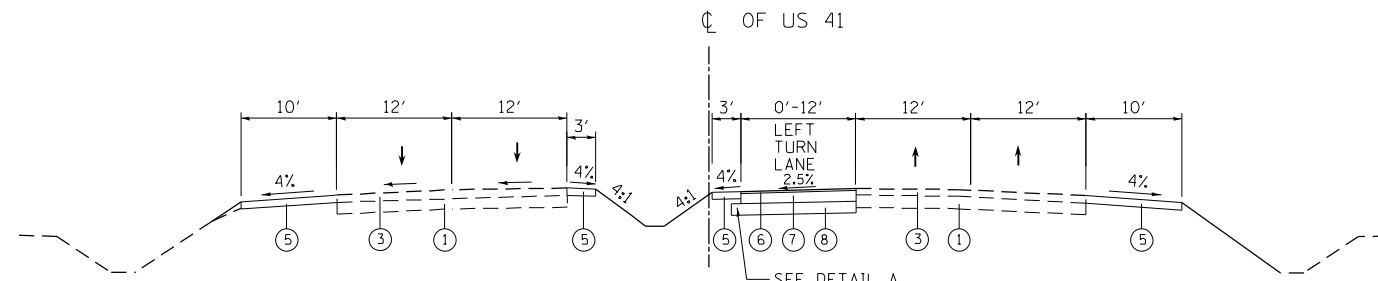
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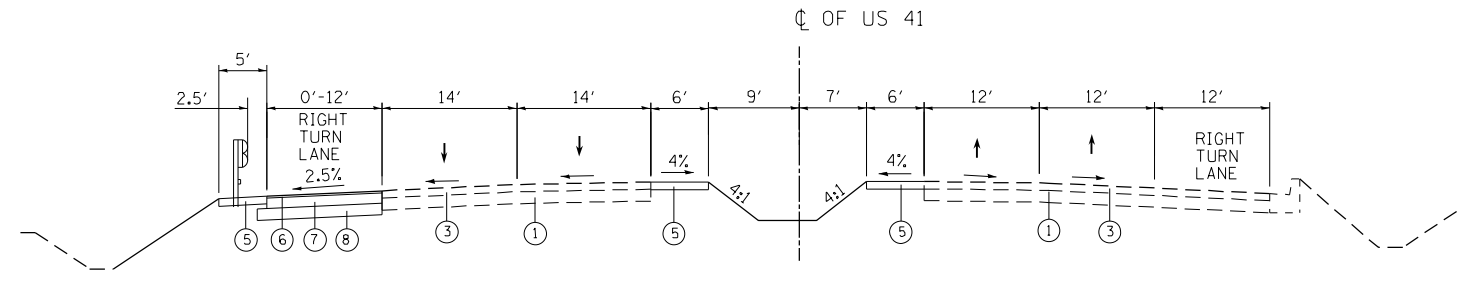
EXISTING TYPICAL SECTION US 41
STA. 195+22.4 TO STA. 196+24



EXISTING TYPICAL SECTION US 41
STA. 202+68 TO STA. 208+84.9



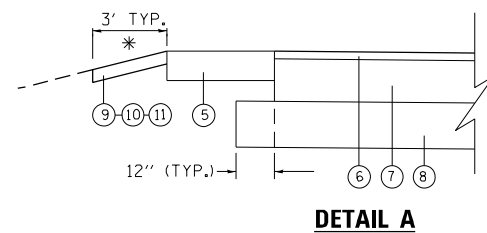
PROPOSED TYPICAL SECTION US 41
STA. 195+22.4 TO STA. 196+24



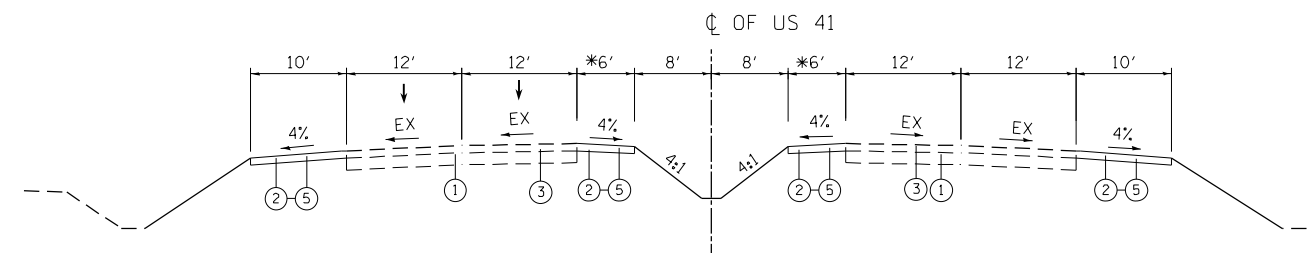
PROPOSED TYPICAL SECTION US 41
STA. 202+68 TO STA. 208+84.9

LEGEND

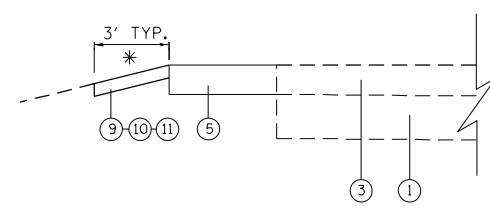
- ① EXISTING PCC PAVEMENT, ±10"
- ② EXISTING AGGREGATE SHOULDERS
- ③ EXISTING HMA, ±9"
- ④ PROPOSED PAVEMENT REMOVAL
- ⑤ PROPOSED HMA SHOULDERS 8"
- ⑥ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2"
- ⑦ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 1 1/4"
- ⑧ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑨ PROPOSED EROSION CONTROL BLANKET
- ⑩ PROPOSED SEEDING, CLASS 2A
- ⑪ PROPOSED TOPSOIL FURNISH AND PLACE, 6"



DETAIL A



PROPOSED TYPICAL SECTION US 41
* 4' HMA SHOULDERS
(STA. 423+41 TO STA. 457+46.7)



DETAIL B

* LANDSCAPE RESTORATION ADJACENT TO PROPOSED HMA SHOULDERS.

MIXTURE NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN
2. FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

HOT MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP TYPE
PAVEMENT WIDENING		
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)	4% @ 70 GYR.	Qc/Qa
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR.	Qc/Qa
HMA SHOULDERS 8"		
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 GYR.	QCP
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 6"	4% @ 70 GYR.	QCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	Qc/Qa
HMA REPLACEMENT OVER PAVEMENT PATCHING (HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm)); 2"	4% @ 70 GYR.	Qc/Qa
QMP DESIGNATION: QUALITY CONTROL /QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

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 PLOT SCALE = 20.0000 / in.
 USER NAME = Millennium Professional Services

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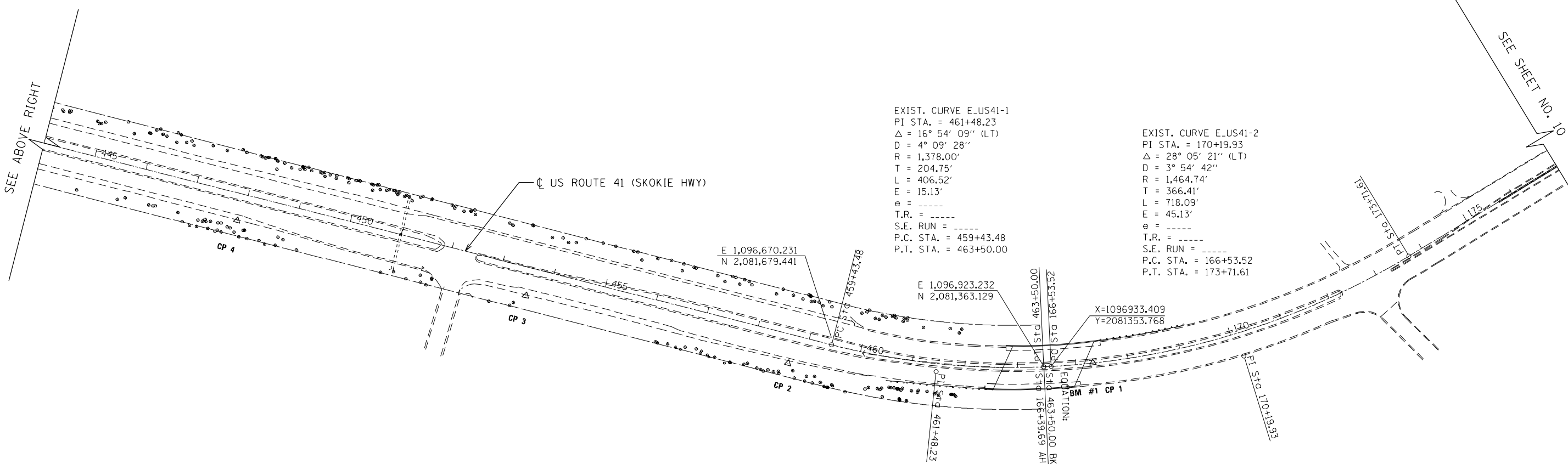
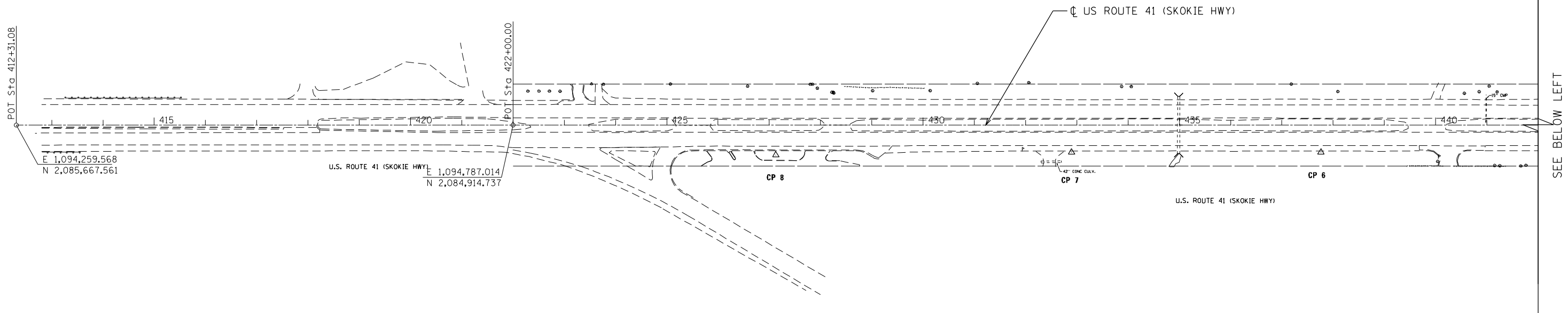
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
TYPICAL SECTIONS**

SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	8
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60W99	

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 PLOT SCALE = 200.0000 / 1" = 100'
 USER NAME = Millennium Professional Services

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DRAWN -	MG/TVN	REVISED -	
CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1"=100' SHEET NO. OF SHEETS STA. TO STA.

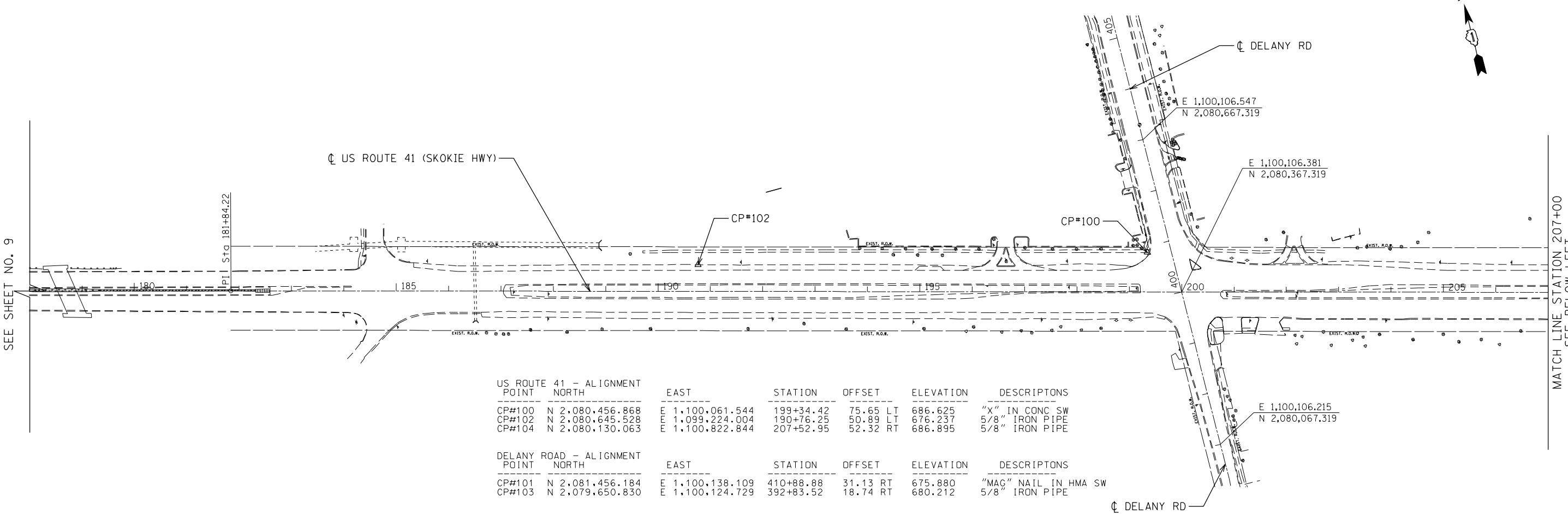
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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SEE SHEET NO. 9

MATCH LINE STATION 207+00
SEE BELOW LEFT

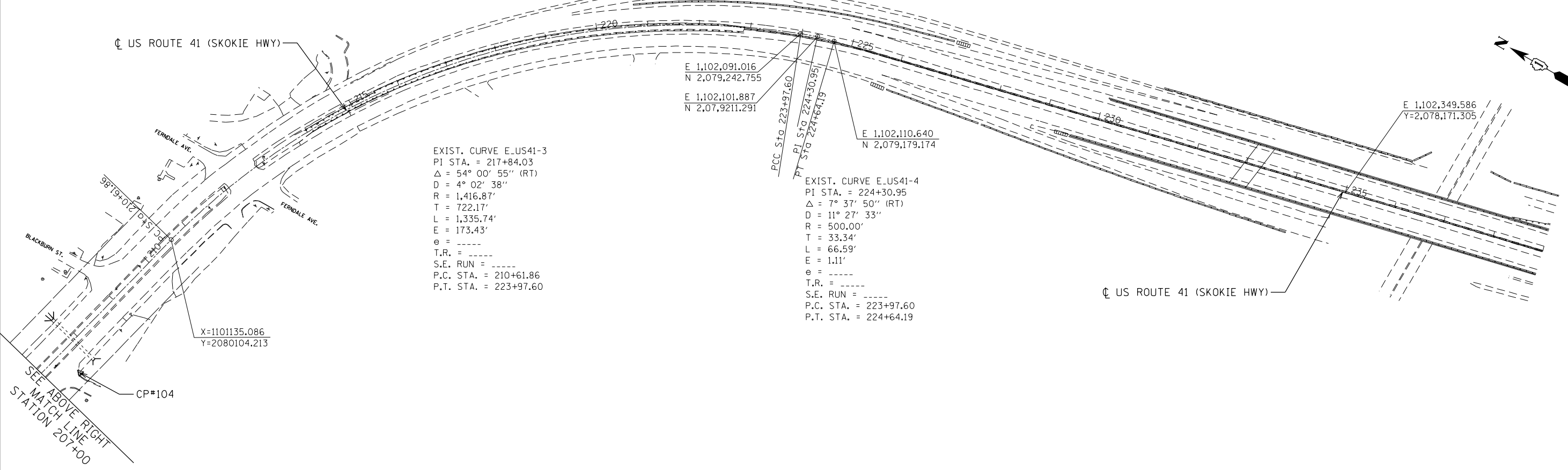
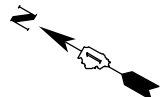


US ROUTE 41 - ALIGNMENT						
POINT	NORTH	EAST	STATION	OFFSET	ELEVATION	DESCRIPTIONS
CP#100	N 2,080,456.868	E 1,100,061.544	199+34.42	75.65 LT	686.625	"X" IN CONC SW
CP#102	N 2,080,645.528	E 1,099,224.004	190+76.25	50.89 LT	676.237	5/8" IRON PIPE
CP#104	N 2,080,130.063	E 1,100,822.844	207+52.95	52.32 RT	686.895	5/8" IRON PIPE

DELANY ROAD - ALIGNMENT						
POINT	NORTH	EAST	STATION	OFFSET	ELEVATION	DESCRIPTIONS
CP#101	N 2,081,456.184	E 1,100,138.109	410+88.88	31.13 RT	675.880	"MAG" NAIL IN HMA SW
CP#103	N 2,079,650.830	E 1,100,124.729	392+83.52	18.74 RT	680.212	5/8" IRON PIPE

US ROUTE 41 (SKOKIE HWY)

US ROUTE 41 (SKOKIE HWY)



EXIST. CURVE E-US41-3
 PI STA. = 217+84.03
 $\Delta = 54^\circ 00' 55''$ (RT)
 $D = 4^\circ 02' 38''$
 $R = 1,416.87'$
 $T = 722.17'$
 $L = 1,335.74'$
 $E = 173.43'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 210+61.86$
 $P.T. STA. = 223+97.60$

EXIST. CURVE E-US41-4
 PI STA. = 224+30.95
 $\Delta = 7^\circ 37' 50''$ (RT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 33.34'$
 $L = 66.59'$
 $E = 1.11'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 223+97.60$
 $P.T. STA. = 224+64.19$

X=1101135.086
Y=2080104.213

SEE ABOVE RIGHT
MATCH LINE
STATION 207+00

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 USER NAME = Millennium Professional Services

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DATE - 12/19/2014	REVISED -

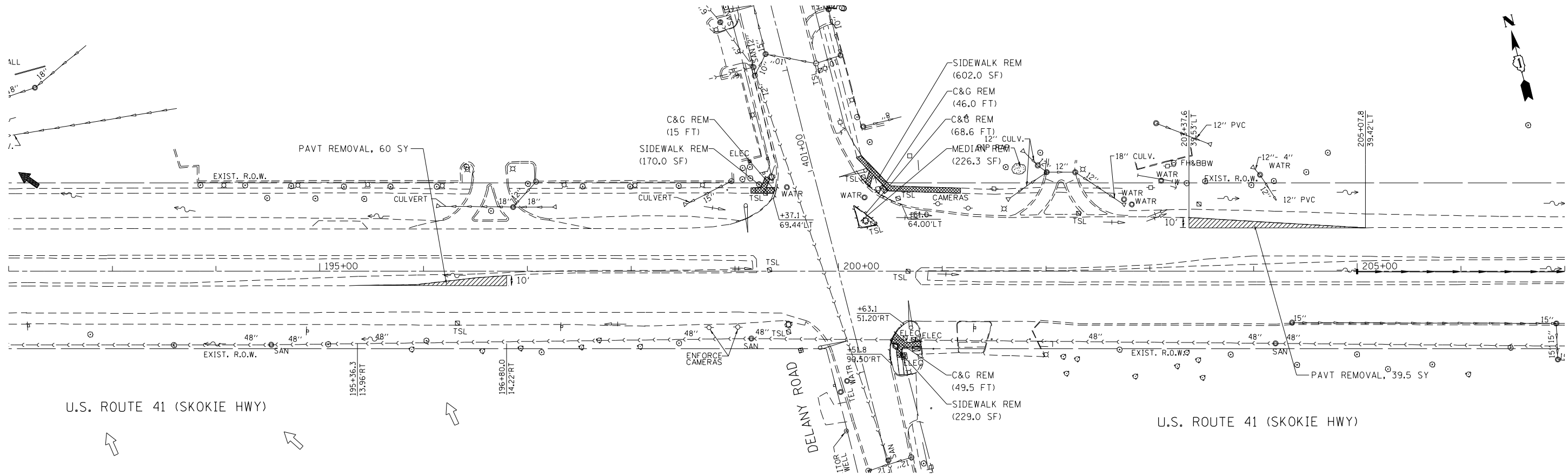
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
ALIGNMENTS, TIES AND BENCHMARKS**

SCALE: 1"=100' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	10
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	




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U.S. ROUTE 41 (SKOKIE HWY)

U.S. ROUTE 41 (SKOKIE HWY)

REMOVAL LEGEND

-  PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  CURB AND GUTTER REMOVAL

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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services



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DRAWN -	MG/TVN	REVISED -
CHECKED -	TVN	REVISED -
DATE -	12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

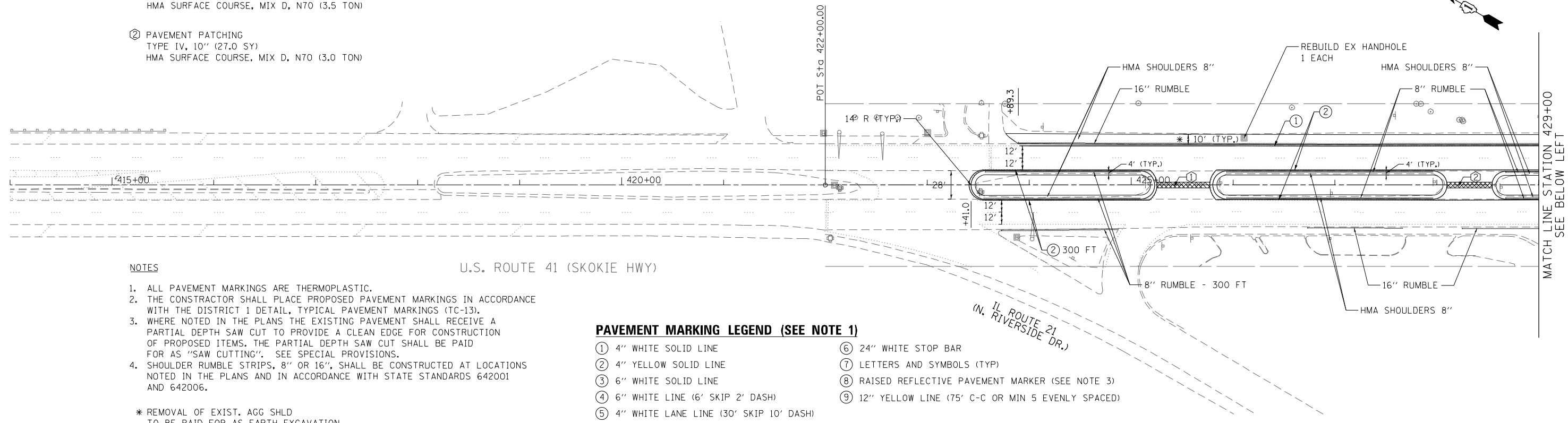
US ROUTE 41 (SKOKIE HIGHWAY)
REMOVAL PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	11
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

REM-01

- ① PAVEMENT PATCHING
TYPE IV, 10" (31.6 SY)
HMA SURFACE COURSE, MIX D, N70 (3.5 TON)
- ② PAVEMENT PATCHING
TYPE IV, 10" (27.0 SY)
HMA SURFACE COURSE, MIX D, N70 (3.0 TON)



NOTES

1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC.
2. THE CONSTRUCTOR SHALL PLACE PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH THE DISTRICT 1 DETAIL, TYPICAL PAVEMENT MARKINGS (TC-13).
3. WHERE NOTED IN THE PLANS THE EXISTING PAVEMENT SHALL RECEIVE A PARTIAL DEPTH SAW CUT TO PROVIDE A CLEAN EDGE FOR CONSTRUCTION OF PROPOSED ITEMS. THE PARTIAL DEPTH SAW CUT SHALL BE PAID FOR AS "SAW CUTTING". SEE SPECIAL PROVISIONS.
4. SHOULDER RUMBLE STRIPS, 8" OR 16", SHALL BE CONSTRUCTED AT LOCATIONS NOTED IN THE PLANS AND IN ACCORDANCE WITH STATE STANDARDS 642001 AND 642006.

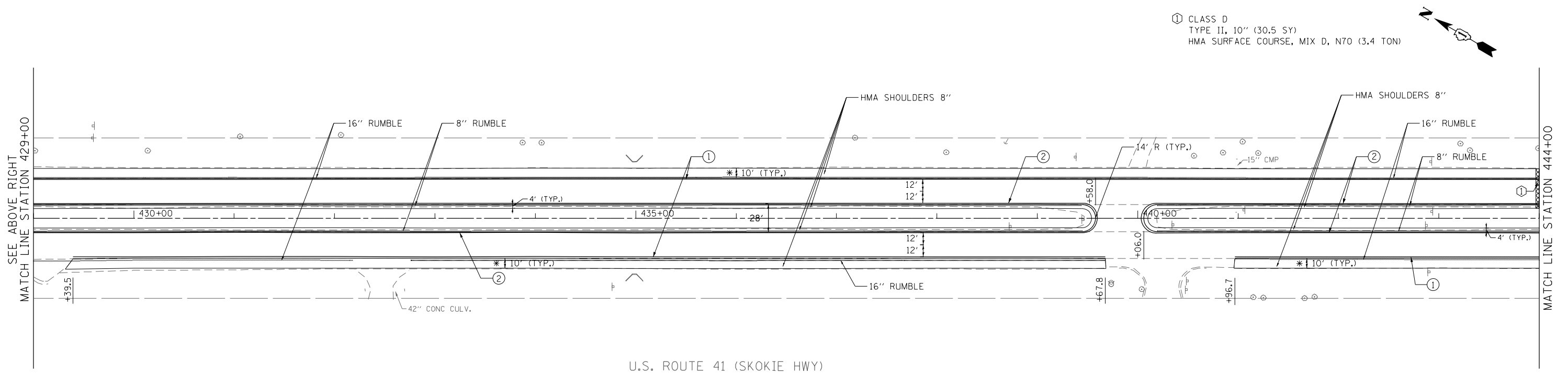
* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION

U.S. ROUTE 41 (SKOKIE HWY)

PAVEMENT MARKING LEGEND (SEE NOTE 1)

- ① 4" WHITE SOLID LINE
- ② 4" YELLOW SOLID LINE
- ③ 6" WHITE SOLID LINE
- ④ 6" WHITE LINE (6' SKIP 2' DASH)
- ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH)
- ⑥ 24" WHITE STOP BAR
- ⑦ LETTERS AND SYMBOLS (TYP)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3)
- ⑨ 12" YELLOW LINE (75' C-C OR MIN 5 EVENLY SPACED)

- ① CLASS D
TYPE II, 10" (30.5 SY)
HMA SURFACE COURSE, MIX D, N70 (3.4 TON)



U.S. ROUTE 41 (SKOKIE HWY)

FILE NAME = P:\2014\ME14027_Ver-Var-PhII\W01\US41\Delany\CADD\Shets\0160W99-SHT-PLAN1.dgn
 PLOT SCALE = 1/8"=1'-0" / in.
 USER NAME = Millennia Professional Services

2600 Warrenville Road, Suite 203, Downers Grove, IL 60515
 630.705.0110 voice, 630.839.2566 fax
 www.mps-ill.com
MILLENNIA PROFESSIONAL SERVICES

DESIGNED -	MG	REVISED -	
DRAWN -	MG/TVN	REVISED -	
CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

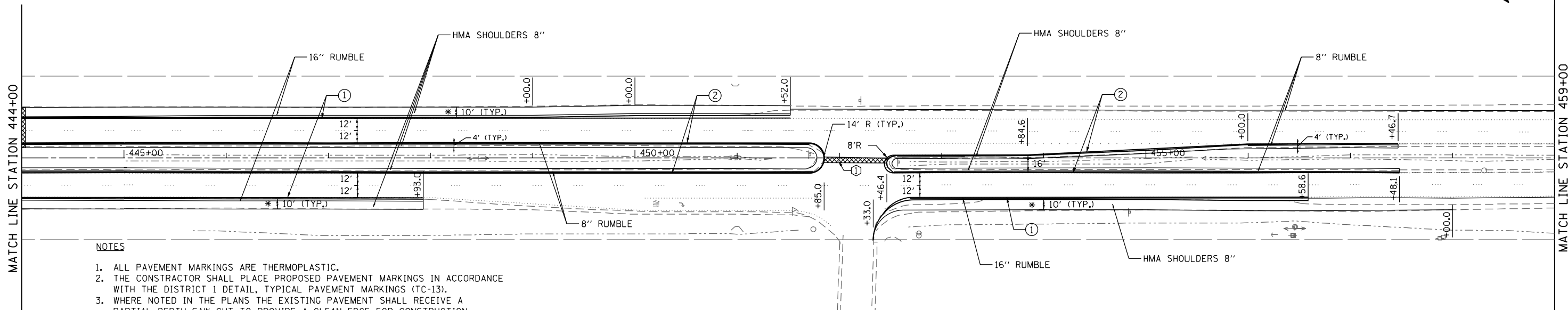
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	12
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-01

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① CLASS D
TYPE IV, 10" (35.4 SY)
HMA SURFACE COURSE, MIX D, N70 (4.0 TON)

U.S. ROUTE 41 (SKOKIE HWY)



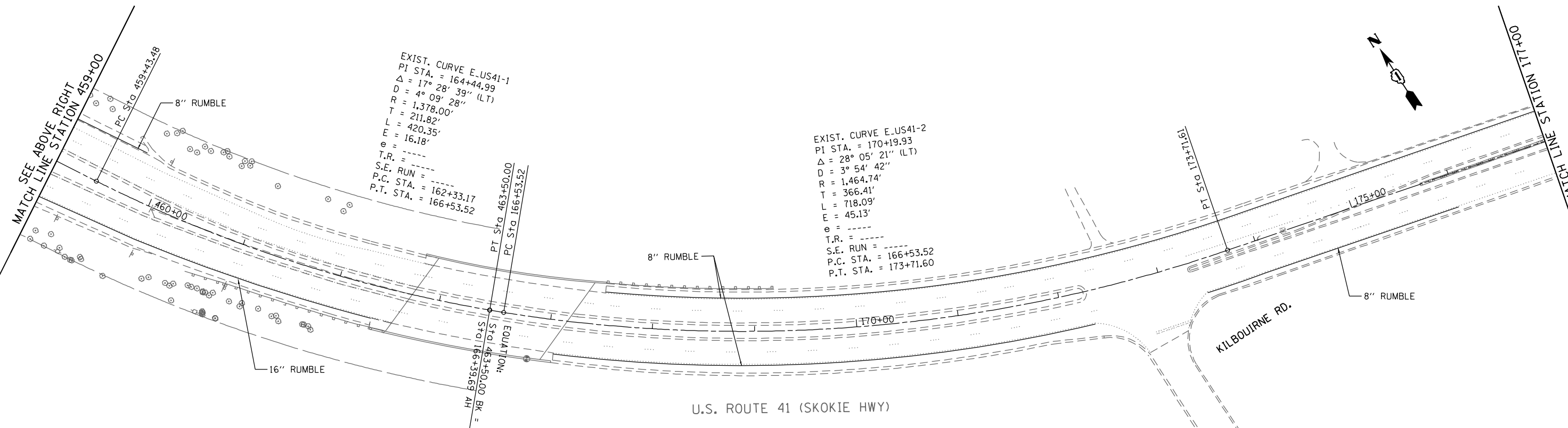
NOTES

1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC.
2. THE CONSTRUCTOR SHALL PLACE PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH THE DISTRICT 1 DETAIL, TYPICAL PAVEMENT MARKINGS (TC-13).
3. WHERE NOTED IN THE PLANS THE EXISTING PAVEMENT SHALL RECEIVE A PARTIAL DEPTH SAW CUT TO PROVIDE A CLEAN EDGE FOR CONSTRUCTION OF PROPOSED ITEMS. THE PARTIAL DEPTH SAW CUT SHALL BE PAID FOR AS "SAW CUTTING". SEE SPECIAL PROVISIONS.
4. SHOULDER RUMBLE STRIPS, 8" OR 16", SHALL BE CONSTRUCTED AT LOCATIONS NOTED IN THE PLANS AND IN ACCORDANCE WITH STATE STANDARDS 642001 AND 642006.

* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION

PAVEMENT MARKING LEGEND (SEE NOTE 1)

- | | |
|--|--|
| ① 4" WHITE SOLID LINE | ⑥ 24" WHITE STOP BAR |
| ② 4" YELLOW SOLID LINE | ⑦ LETTERS AND SYMBOLS (TYP) |
| ③ 6" WHITE SOLID LINE | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3) |
| ④ 6" WHITE LINE (6' SKIP 2' DASH) | ⑨ 12" YELLOW LINE (75' C-C OR MIN 5 EVENLY SPACED) |
| ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH) | |



EXIST. CURVE E-US41-1
PI STA. = 164+44.99
 $\Delta = 17^\circ 28' 39''$ (LT)
D = 4' 09' 28"
R = 1,378.00'
T = 211.82'
L = 420.35'
E = 16.18'
T.R. = ---
S.E. RUN = ---
P.C. STA. = 162+33.17
P.T. STA. = 166+53.52

EXIST. CURVE E-US41-2
PI STA. = 170+19.93
 $\Delta = 28^\circ 05' 21''$ (LT)
D = 3' 54' 42"
R = 1,464.74'
T = 366.41'
L = 718.09'
E = 45.13'
T.R. = ---
S.E. RUN = ---
P.C. STA. = 166+53.52
P.T. STA. = 173+71.60

U.S. ROUTE 41 (SKOKIE HWY)

PLN-02

FILE NAME = P:\2014\ME14027_Ver-Var-Ph11\W01-US41_DeJany\CADD\Shts\DI60W99-SHT-PLAN2.dgn
PLOT SCALE = 1/8"=1'-0"
USER NAME = Millennium Professional Services

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630.795.0110 voice, 630.839.2566 fax
www.mps-ill.com

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DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

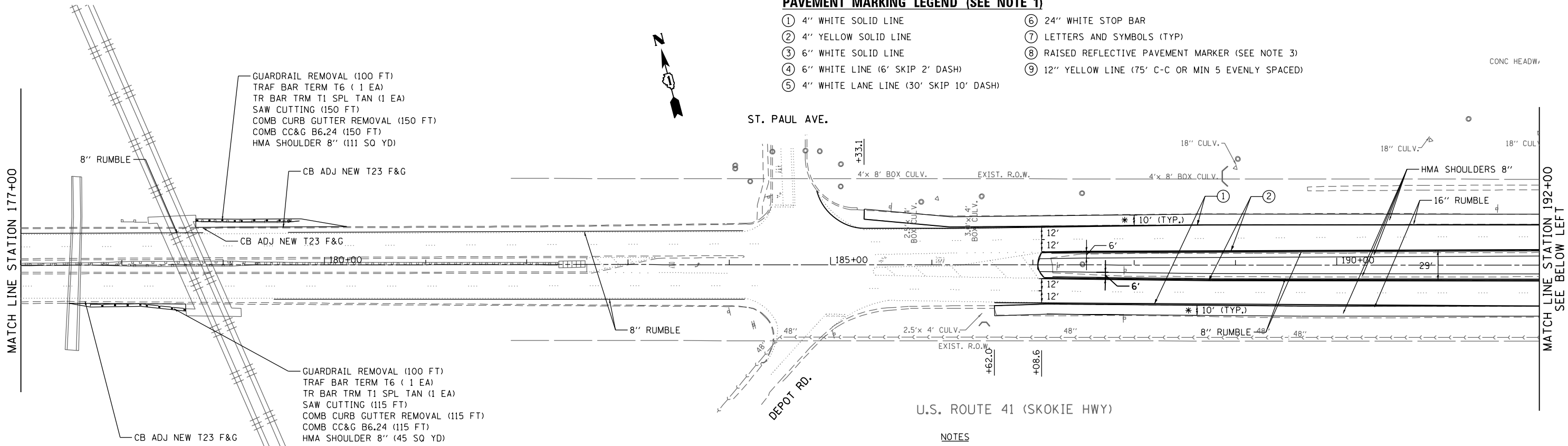
SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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PAVEMENT MARKING LEGEND (SEE NOTE 1)

- ① 4" WHITE SOLID LINE
- ② 4" YELLOW SOLID LINE
- ③ 6" WHITE SOLID LINE
- ④ 6" WHITE LINE (6' SKIP 2' DASH)
- ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH)
- ⑥ 24" WHITE STOP BAR
- ⑦ LETTERS AND SYMBOLS (TYP)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3)
- ⑨ 12" YELLOW LINE (75' C-C OR MIN 5 EVENLY SPACED)



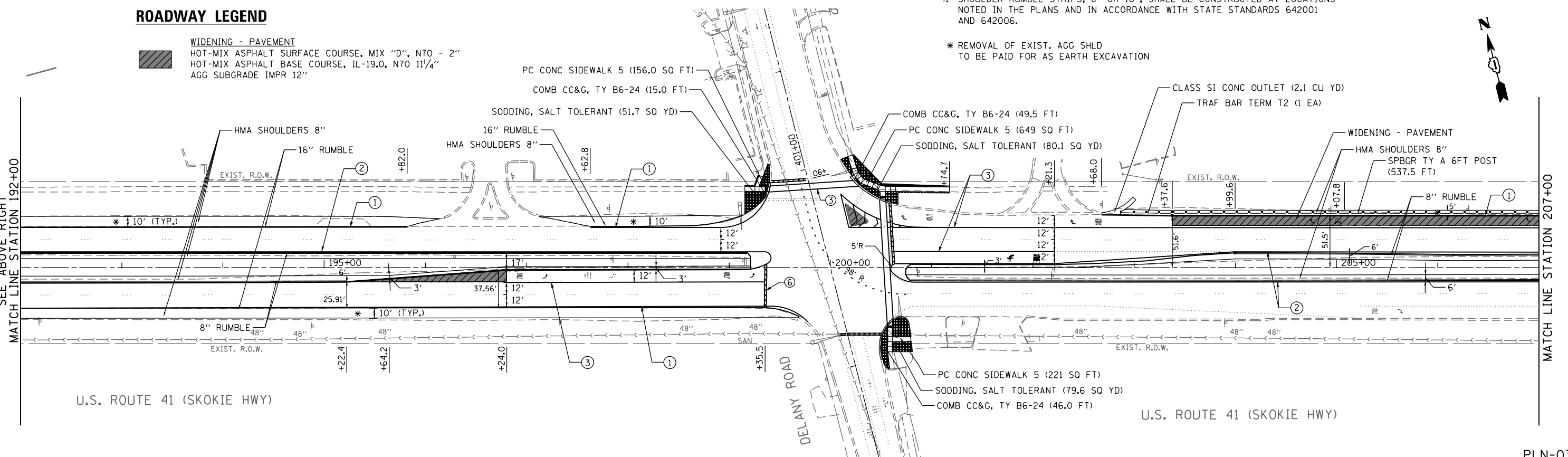
NOTES

1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC.
2. THE CONSTRUCTOR SHALL PLACE PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH THE DISTRICT 1 DETAIL, TYPICAL PAVEMENT MARKINGS (TC-13).
3. WHERE NOTED IN THE PLANS THE EXISTING PAVEMENT SHALL RECEIVE A PARTIAL DEPTH SAW CUT TO PROVIDE A CLEAN EDGE FOR CONSTRUCTION OF PROPOSED ITEMS. THE PARTIAL DEPTH SAW CUT SHALL BE PAID FOR AS "SAW CUTTING". SEE SPECIAL PROVISIONS.
4. SHOULDER RUMBLE STRIPS, 8" OR 16", SHALL BE CONSTRUCTED AT LOCATIONS NOTED IN THE PLANS AND IN ACCORDANCE WITH STATE STANDARDS 642001 AND 642006.

* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION

ROADWAY LEGEND

- WIDENING - PAVEMENT
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
- HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70 1 1/4"
- AGG SUBGRADE IMPR 12"



FILE NAME = P:\2014\ME14027_Ver-Var-Ph1\W01\US41_Delany\CADD\Shets\DI60W99-SHT-PLAN3.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services



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DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

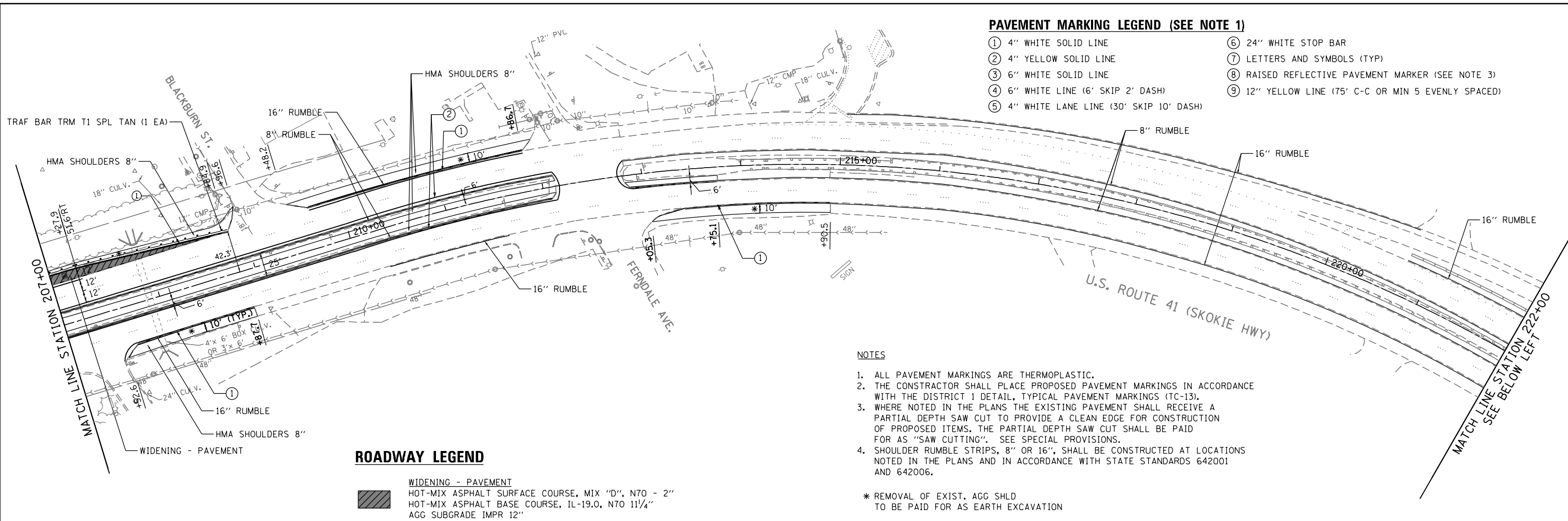
US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	14
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-03

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PAVEMENT MARKING LEGEND (SEE NOTE 1)

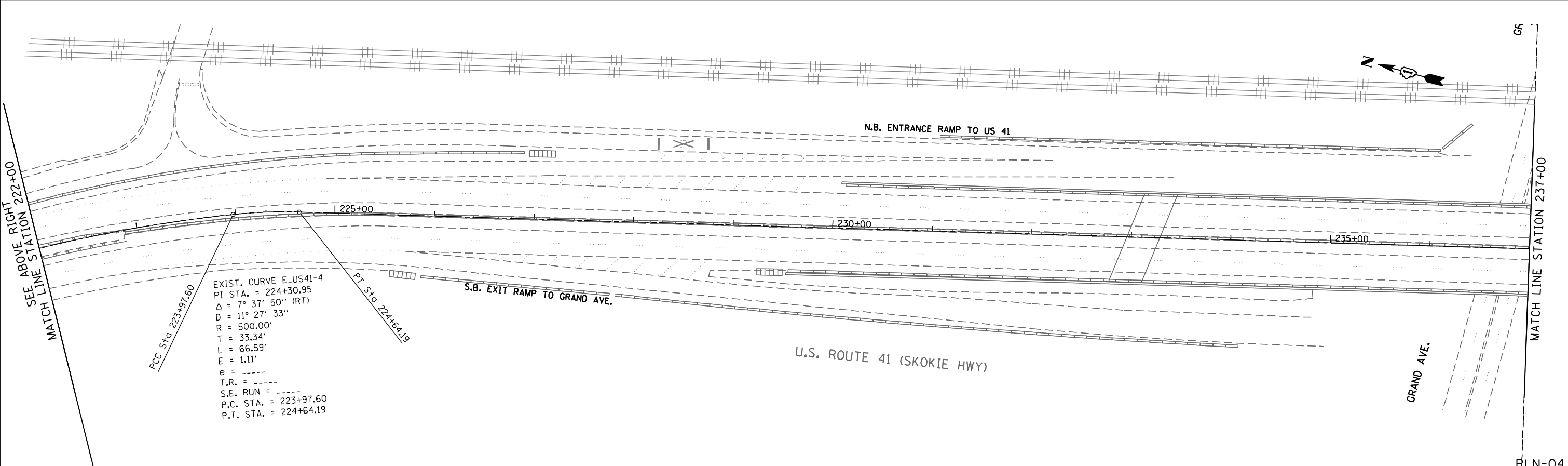
- ① 4" WHITE SOLID LINE
- ② 4" YELLOW SOLID LINE
- ③ 6" WHITE SOLID LINE
- ④ 6" WHITE LINE (6' SKIP 2' DASH)
- ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH)
- ⑥ 24" WHITE STOP BAR
- ⑦ LETTERS AND SYMBOLS (TYP)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3)
- ⑨ 12" YELLOW LINE (75' C-C OR MIN 5 EVENLY SPACED)

ROADWAY LEGEND

WIDENING - PAVEMENT
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
 HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70 1 1/4"
 AGG SUBGRADE IMPR 12"

NOTES

1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC.
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- * REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION



EXIST. CURVE E-US41-4
 PI STA. = 224+30.95
 $\Delta = 7^\circ 37' 50''$ (RT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 33.34'$
 $L = 66.59'$
 $E = 1.11'$
 $\theta = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 $P.C. STA. = 223+97.60$
 $P.T. STA. = 224+64.19$

FILE NAME = P:\2014\ME14027_Ver-Var-Ph1\W01.US41.DeJany\CADD\Shts\DI60W99-SHT-PLAN4.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services

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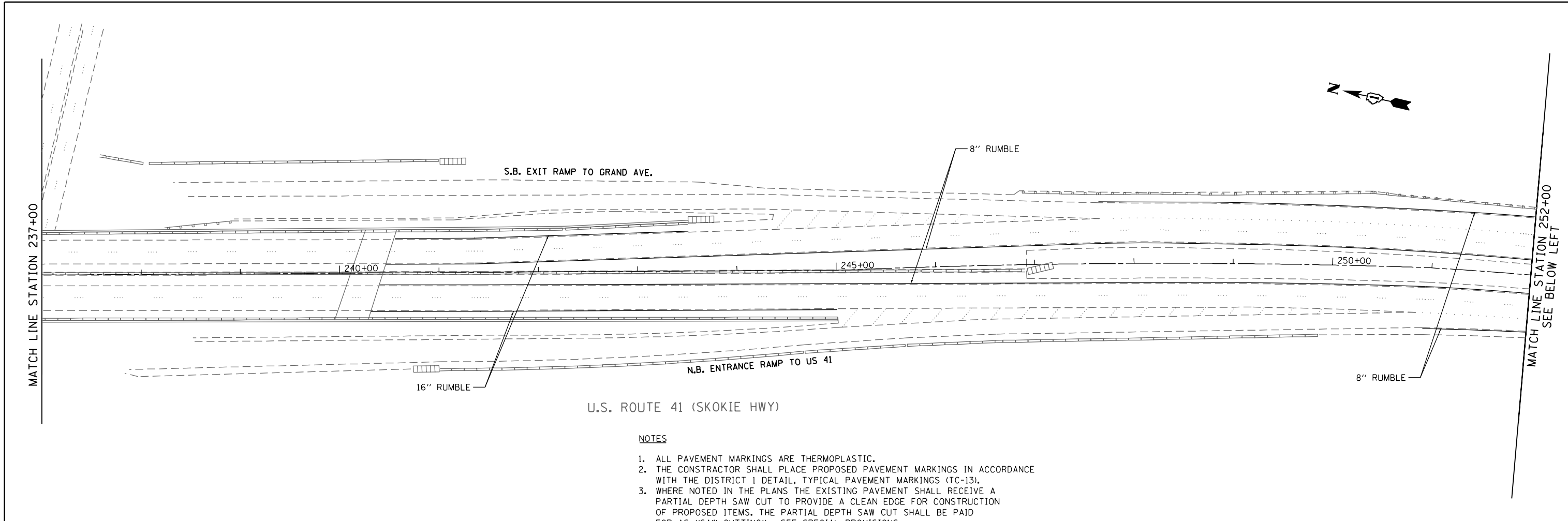
DESIGNED - MG	REVISED -
DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

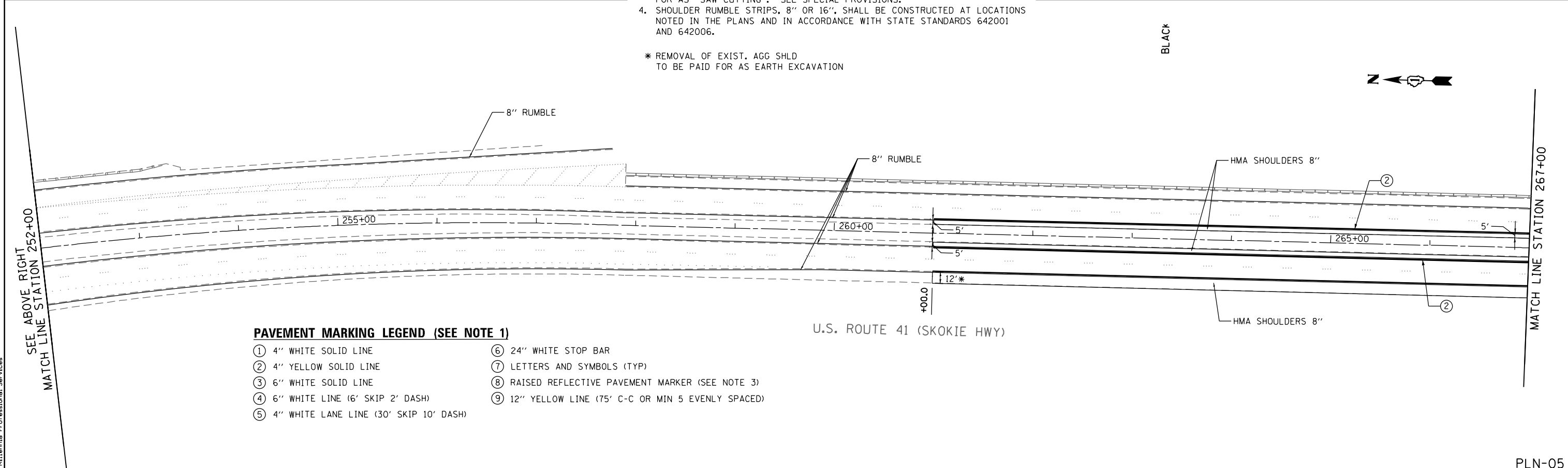
US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	15
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	



- NOTES**
1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC.
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- * REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION



- PAVEMENT MARKING LEGEND (SEE NOTE 1)**
- | | |
|--|--|
| ① 4" WHITE SOLID LINE | ⑥ 24" WHITE STOP BAR |
| ② 4" YELLOW SOLID LINE | ⑦ LETTERS AND SYMBOLS (TYP) |
| ③ 6" WHITE SOLID LINE | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3) |
| ④ 6" WHITE LINE (6' SKIP 2' DASH) | ⑨ 12" YELLOW LINE (75' C-C OR MIN 5 EVENLY SPACED) |
| ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH) | |

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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services

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DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)			
ROADWAY PLAN			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	

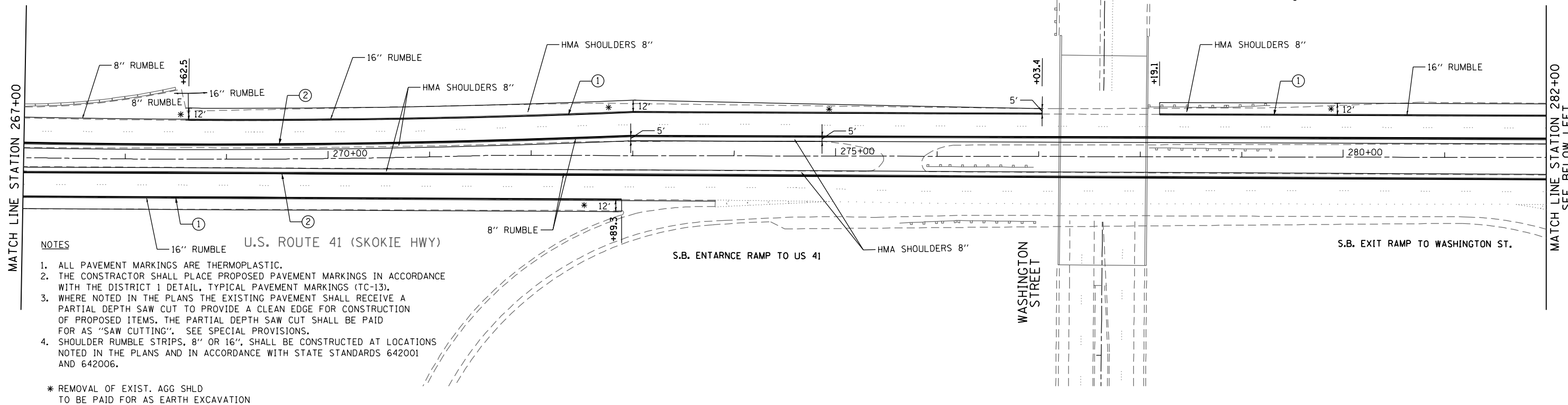
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	16
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-05

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PAVEMENT MARKING LEGEND (SEE NOTE 1)

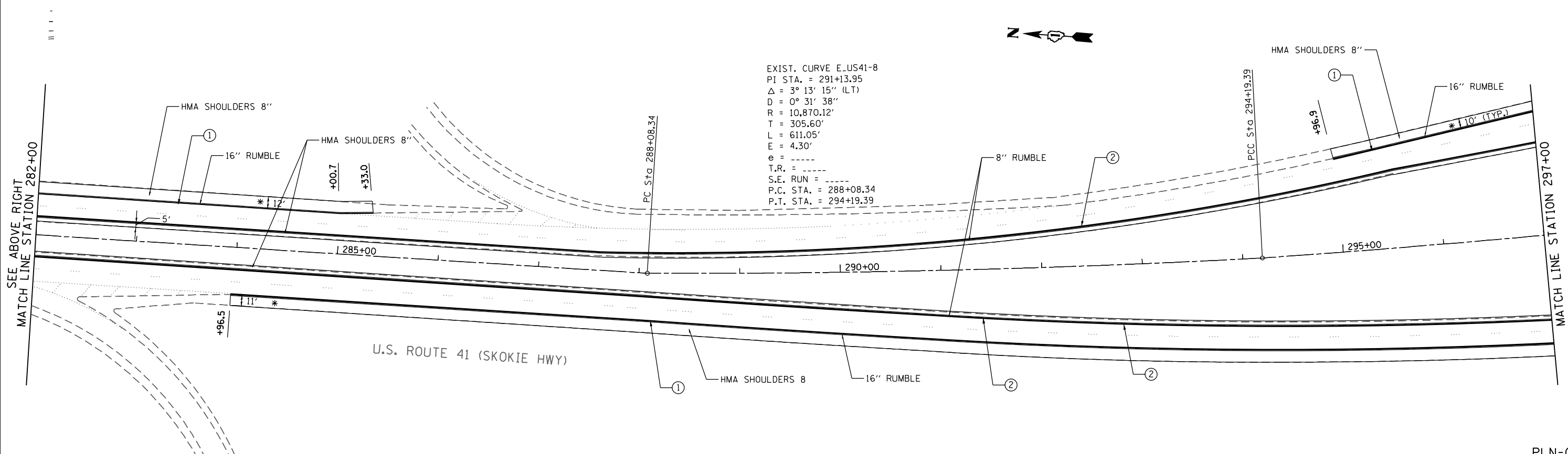
- ① 4" WHITE SOLID LINE
- ② 4" YELLOW SOLID LINE
- ③ 6" WHITE SOLID LINE
- ④ 6" WHITE LINE (6' SKIP 2' DASH)
- ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH)
- ⑥ 24" WHITE STOP BAR
- ⑦ LETTERS AND SYMBOLS (TYP)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3)
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NOTES

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* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION



EXIST. CURVE E_US41-8
 PI STA. = 291+13.95
 $\Delta = 3^\circ 13' 15''$ (LT)
 $D = 0^\circ 31' 38''$
 $R = 10,870.12'$
 $T = 305.60'$
 $L = 611.05'$
 $E = 4.30'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 288+08.34$
 $P.T. STA. = 294+19.39$

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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services

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DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

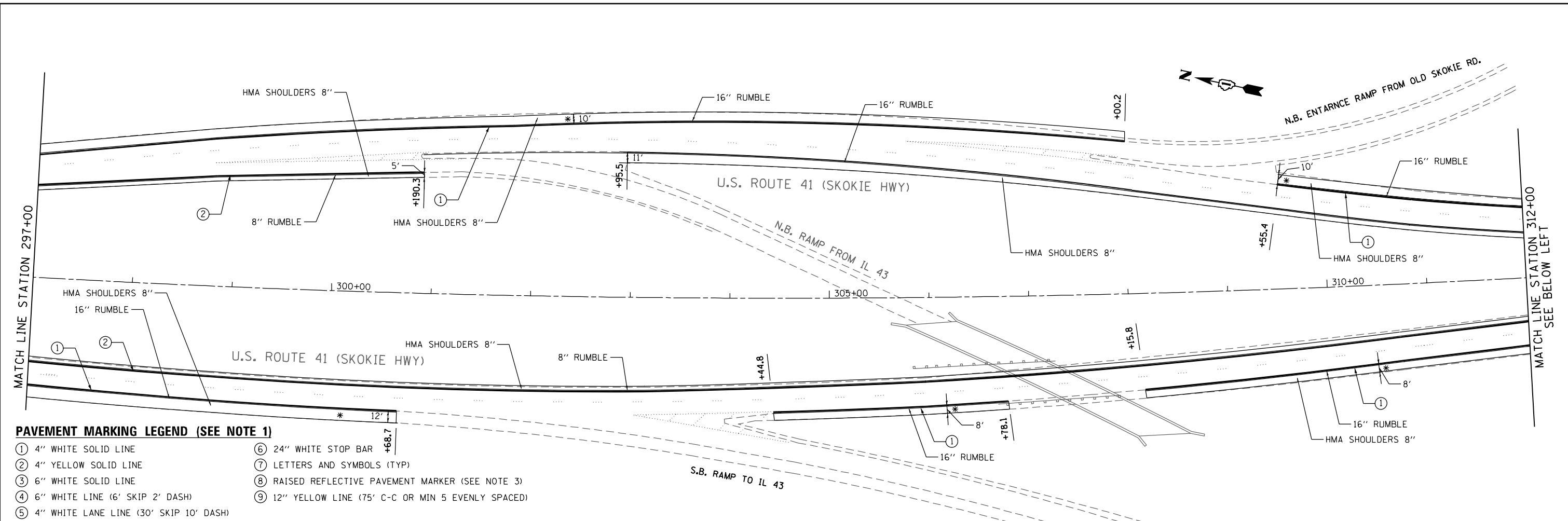
**US ROUTE 41 (SKOKIE HIGHWAY)
 ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	17
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-06

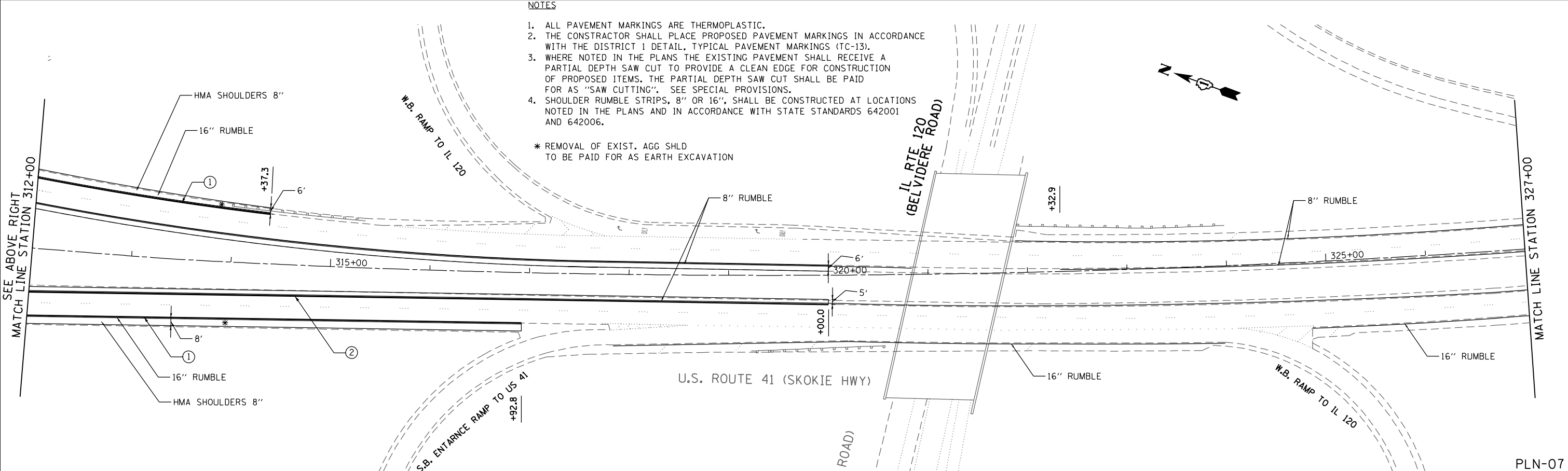
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- PAVEMENT MARKING LEGEND (SEE NOTE 1)**
- ① 4" WHITE SOLID LINE
 - ② 4" YELLOW SOLID LINE
 - ③ 6" WHITE SOLID LINE
 - ④ 6" WHITE LINE (6' SKIP 2' DASH)
 - ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH)
 - ⑥ 24" WHITE STOP BAR
 - ⑦ LETTERS AND SYMBOLS (TYP)
 - ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3)
 - ⑨ 12" YELLOW LINE (75' C-C OR MIN 5 EVENLY SPACED)

NOTES

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- * REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION



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 PLOT SCALE = 1/80,000 / in.
 USER NAME = Millennium Professional Services

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MILLENNIA PROFESSIONAL SERVICES

DESIGNED -	MG	REVISED -	
DRAWN -	MG/TVN	REVISED -	
CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

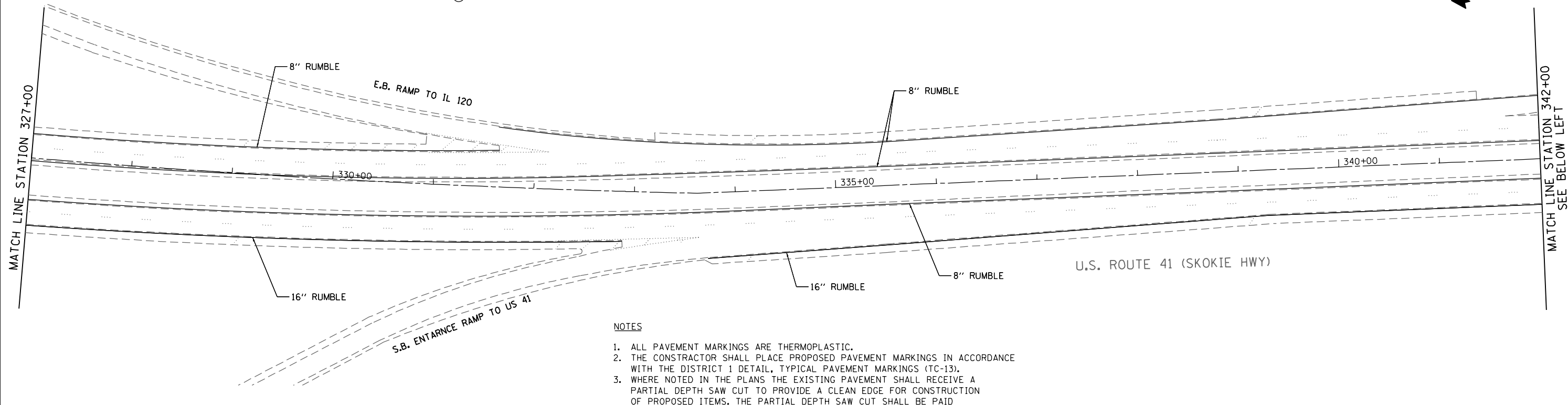
SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	18
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

P:\2014\ME14027_Ver-Var-Ph1\W01\US41_DeJony\CADD\Shts\DI60W99-SHT-PLAN7.dgn

PAVEMENT MARKING LEGEND (SEE NOTE 1)

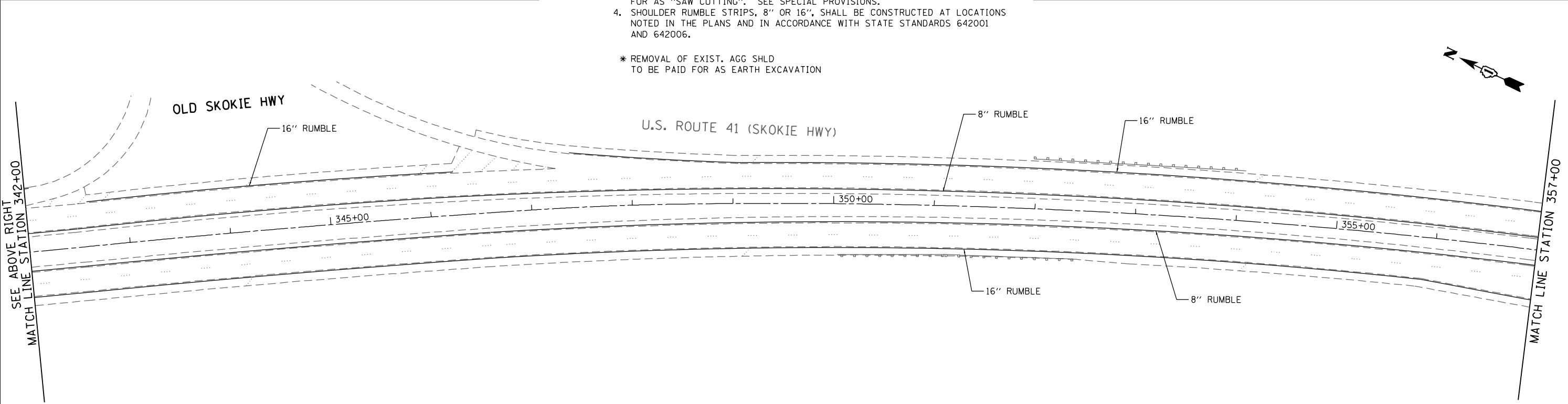
- | | |
|--|--|
| ① 4" WHITE SOLID LINE | ⑥ 24" WHITE STOP BAR |
| ② 4" YELLOW SOLID LINE | ⑦ LETTERS AND SYMBOLS (TYP) |
| ③ 6" WHITE SOLID LINE | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3) |
| ④ 6" WHITE LINE (6' SKIP 2' DASH) | ⑨ 12" YELLOW LINE (75' C-C OR MIN 5 EVENLY SPACED) |
| ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH) | |



NOTES

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* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION



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 USER NAME = Millennium Professional Services

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DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

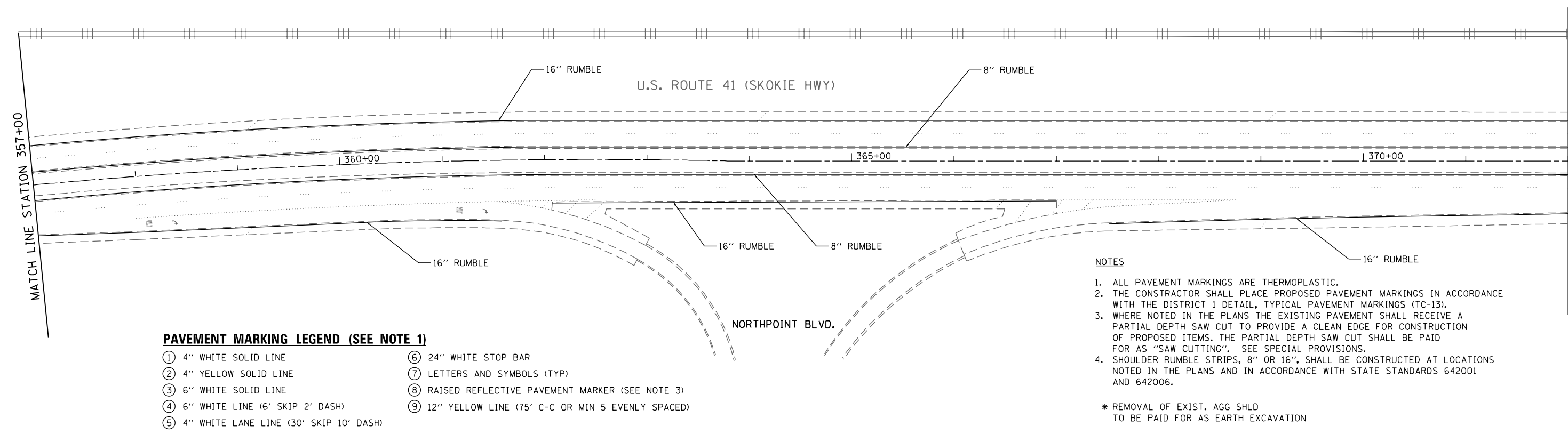
US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	19
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-08

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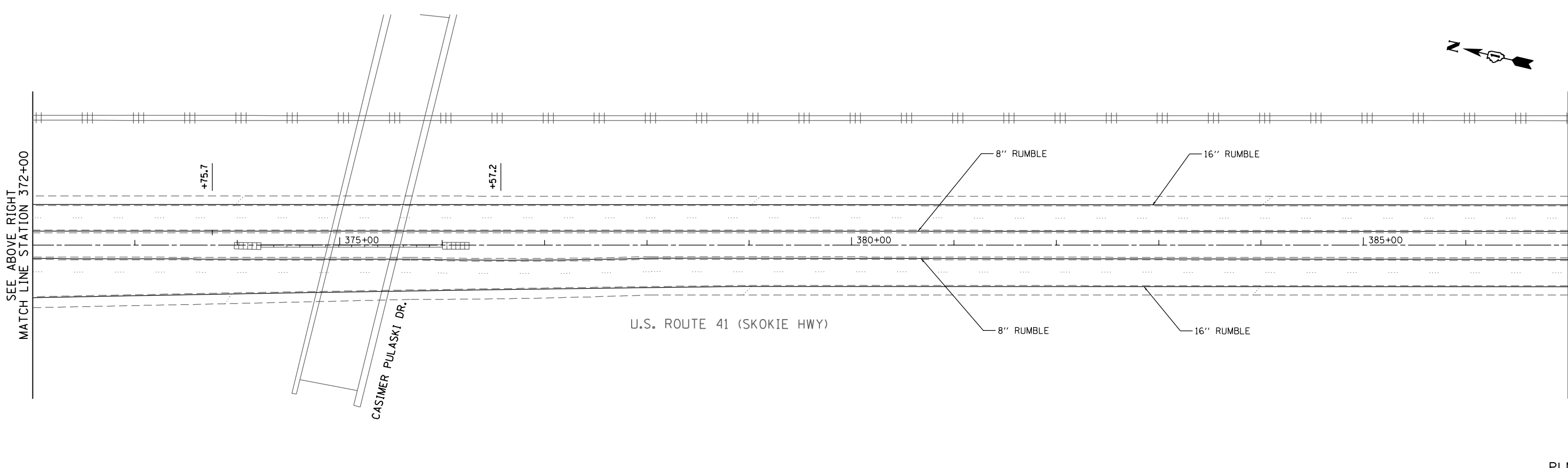


PAVEMENT MARKING LEGEND (SEE NOTE 1)

- | | |
|--|--|
| ① 4" WHITE SOLID LINE | ⑥ 24" WHITE STOP BAR |
| ② 4" YELLOW SOLID LINE | ⑦ LETTERS AND SYMBOLS (TYP) |
| ③ 6" WHITE SOLID LINE | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3) |
| ④ 6" WHITE LINE (6' SKIP 2' DASH) | ⑨ 12" YELLOW LINE (75' C-C OR MIN 5 EVENLY SPACED) |
| ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH) | |

NOTES

- ALL PAVEMENT MARKINGS ARE THERMOPLASTIC.
 - THE CONSTRUCTOR SHALL PLACE PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH THE DISTRICT 1 DETAIL, TYPICAL PAVEMENT MARKINGS (TC-13).
 - WHERE NOTED IN THE PLANS THE EXISTING PAVEMENT SHALL RECEIVE A PARTIAL DEPTH SAW CUT TO PROVIDE A CLEAN EDGE FOR CONSTRUCTION OF PROPOSED ITEMS. THE PARTIAL DEPTH SAW CUT SHALL BE PAID FOR AS "SAW CUTTING". SEE SPECIAL PROVISIONS.
 - SHOULDER RUMBLE STRIPS, 8" OR 16", SHALL BE CONSTRUCTED AT LOCATIONS NOTED IN THE PLANS AND IN ACCORDANCE WITH STATE STANDARDS 642001 AND 642006.
- * REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION



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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennia Professional Services

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MILLENNIA PROFESSIONAL SERVICES

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DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

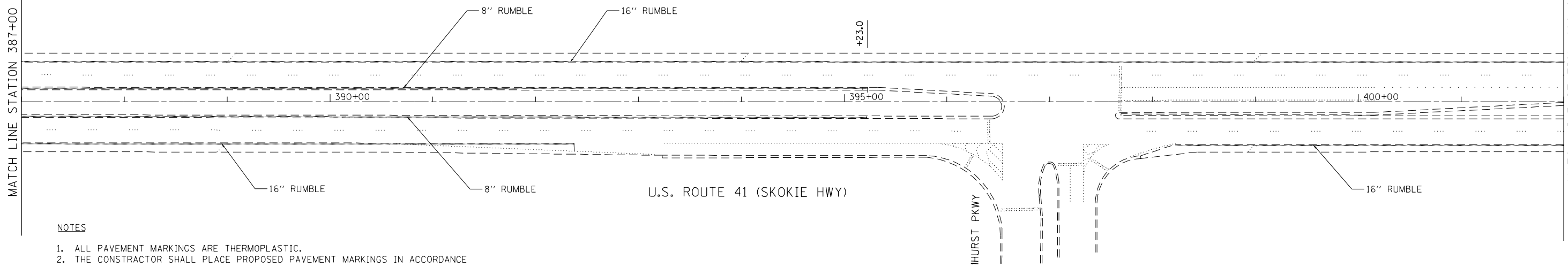
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	20
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-09

P:\2014\ME14027_Ver-Var-Ph1\W01_US41_DeJany\CADD\Shets\DI60W99-SHT-PLAN9.dgn

MATCH LINE STATION 387+00

MATCH LINE STATION 402+00
SEE BELOW LEFT



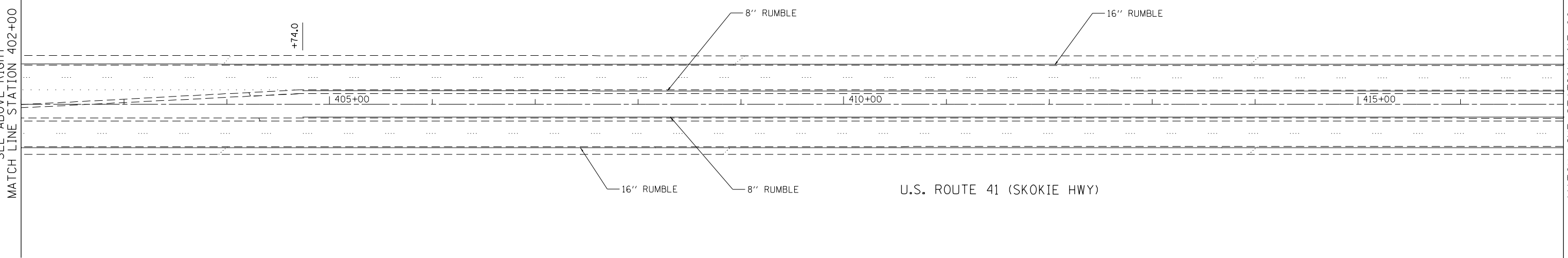
NOTES

1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC.
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* REMOVAL OF EXIST. AGG SHLD
TO BE PAID FOR AS EARTH EXCAVATION

SEE ABOVE RIGHT
MATCH LINE STATION 402+00

MATCH LINE STATION 417+00



FILE NAME = P:\2014\ME14027_Ver-Var-Ph1\1\W01_US41_DeLony\CADD\Shets\DI60W99-SHT-PLAN10.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennia Professional Services



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DRAWN -	MG/TVN	REVISED -	
CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

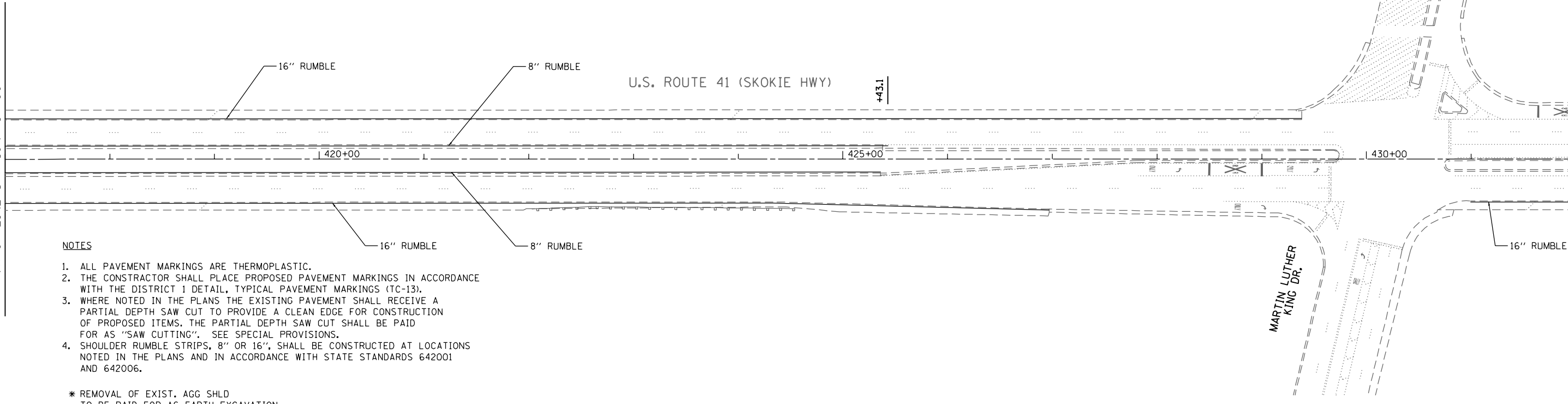
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	21
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				CONTRACT NO. 60W99

PLN-10

P:\2014\ME14027_Ver-Var-Ph1\1\W01_US41_DeLony\CADD\Shets\DI60W99-SHT-PLAN10.dgn

MATCH LINE STATION 417+00

MATCH LINE STATION 432+00
SEE BELOW LEFT



NOTES

1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC.
2. THE CONSTRUCTOR SHALL PLACE PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH THE DISTRICT 1 DETAIL, TYPICAL PAVEMENT MARKINGS (TC-13).
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* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION

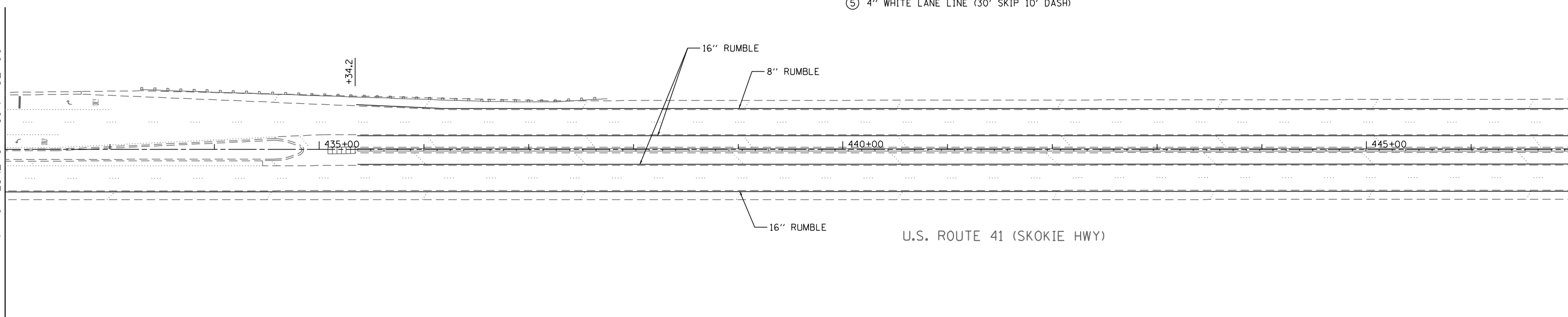
PAVEMENT MARKING LEGEND (SEE NOTE 1)

- | | |
|--|--|
| ① 4" WHITE SOLID LINE | ⑥ 24" WHITE STOP BAR |
| ② 4" YELLOW SOLID LINE | ⑦ LETTERS AND SYMBOLS (TYP) |
| ③ 6" WHITE SOLID LINE | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3) |
| ④ 6" WHITE LINE (6' SKIP 2' DASH) | ⑨ 12" YELLOW LINE (75' C-C OR MIN 5 EVENLY SPACED) |
| ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH) | |



SEE ABOVE RIGHT
MATCH LINE STATION 432+00

MATCH LINE STATION 447+00



FILE NAME = P:\2014\ME14027_VerVar-Ph11\W01-US41-Deleng\CADD\Shets\DI60W99-SHT-PLAN11.dgn
 PLOT SCALE = 1/8"=50' / in.
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DATE - 12/19/2014	REVISED -

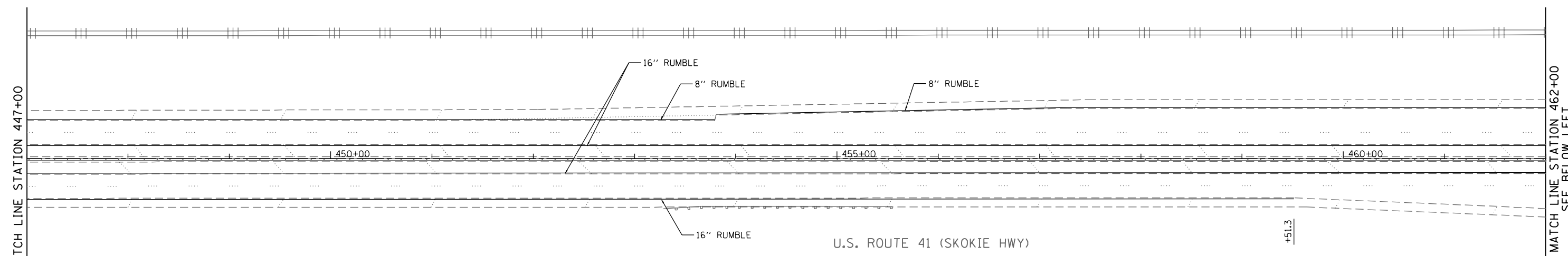
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-11



MATCH LINE STATION 447+00

MATCH LINE STATION 462+00
SEE BELOW LEFT

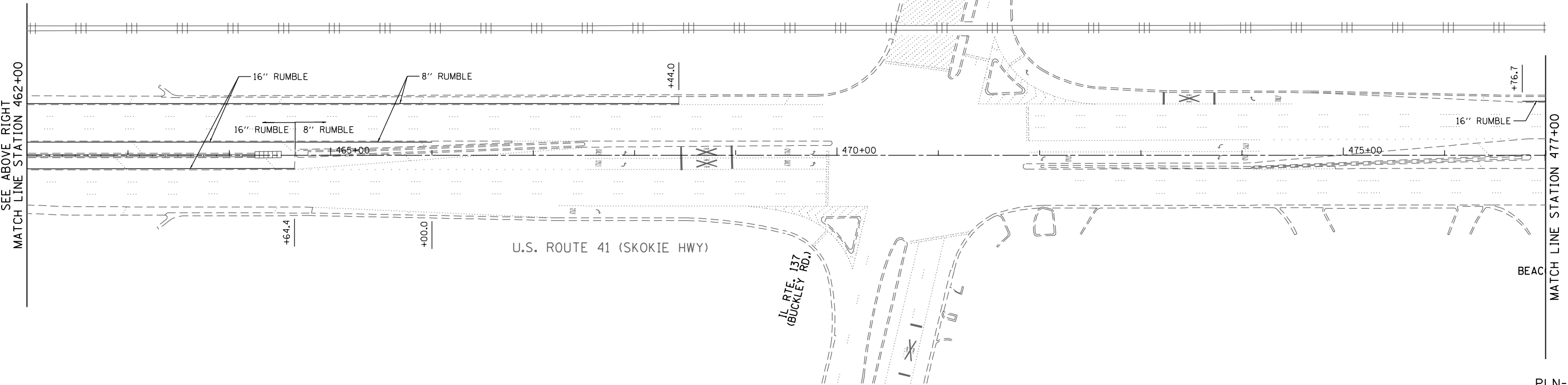
PAVEMENT MARKING LEGEND (SEE NOTE 1)

- ① 4" WHITE SOLID LINE
- ② 4" YELLOW SOLID LINE
- ③ 6" WHITE SOLID LINE
- ④ 6" WHITE LINE (6' SKIP 2' DASH)
- ⑤ 4" WHITE LANE LINE (30' SKIP 10' DASH)
- ⑥ 24" WHITE STOP BAR
- ⑦ LETTERS AND SYMBOLS (TYP)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3)
- ⑨ 12" YELLOW LINE (75' C-C OR MIN 5 EVENLY SPACED)

NOTES

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* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION



SEE ABOVE RIGHT
MATCH LINE STATION 462+00

MATCH LINE STATION 477+00

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 PLOT SCALE = 1/8"=50' / in.
 USER NAME = Millennia Professional Services



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DRAWN -	MG/TVN	REVISED -	
CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

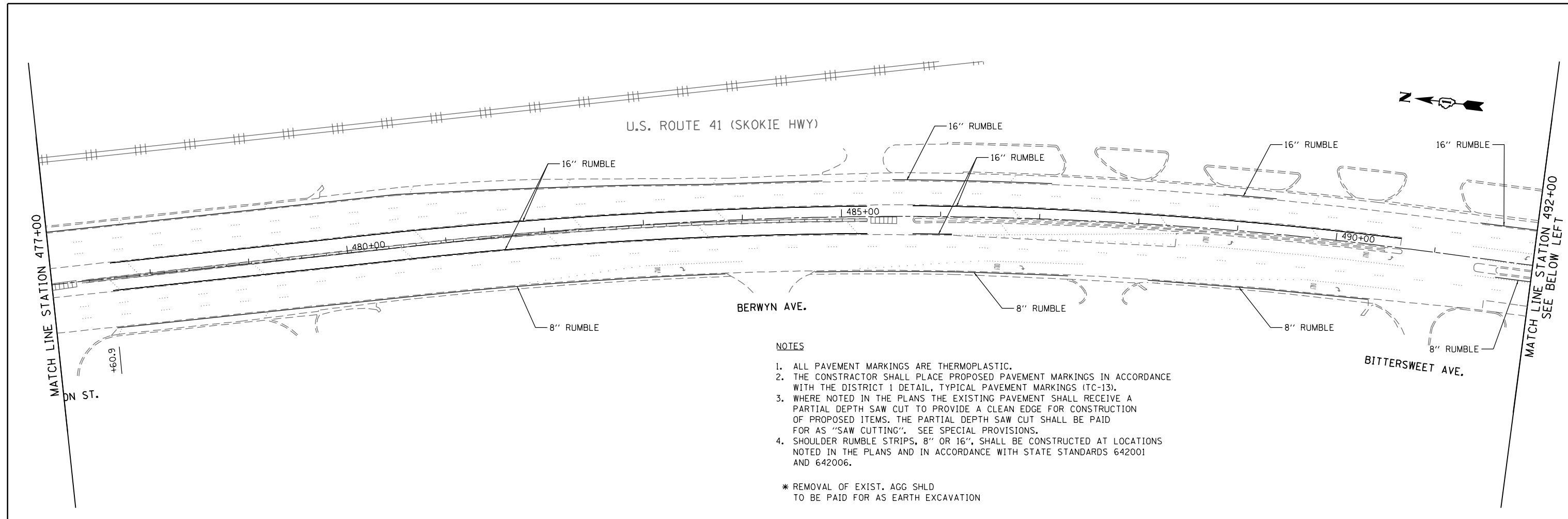
**US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	23
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-12

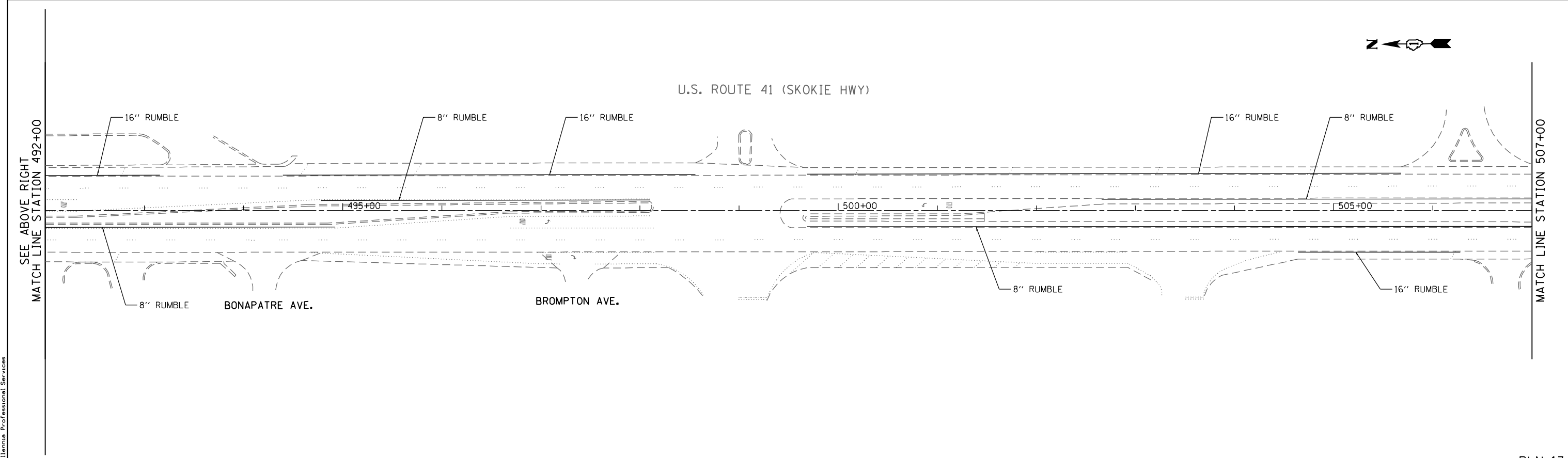
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NOTES

1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC.
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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services



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DRAWN -	MG/TVN	REVISED -	
CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

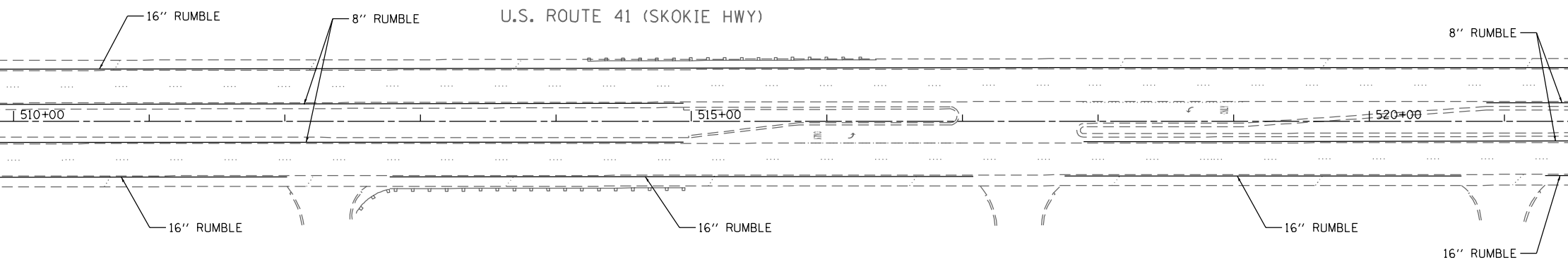
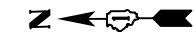
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-13

MATCH LINE STATION 507+00

MATCH LINE STATION 522+00
SEE BELOW LEFT

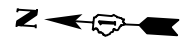
U.S. ROUTE 41 (SKOKIE HWY)



NOTES

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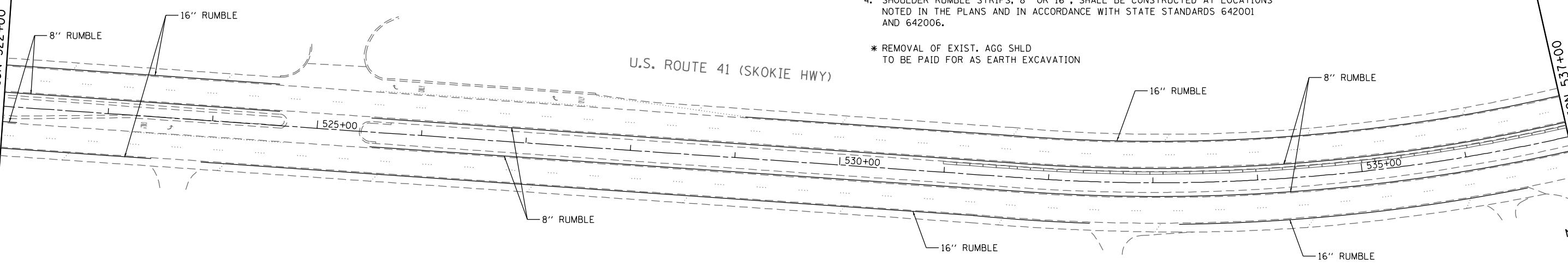
* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION



U.S. ROUTE 41 (SKOKIE HWY)

SEE ABOVE RIGHT
MATCH LINE STATION 522+00

MATCH LINE STATION 537+00
NOR



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PLOT SCALE = 1/8"=1'-0"
USER NAME = Millennia Professional Services

PLN-14



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DRAWN -	MG/TVN	REVISED -	
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DATE -	12/19/2014	REVISED -	

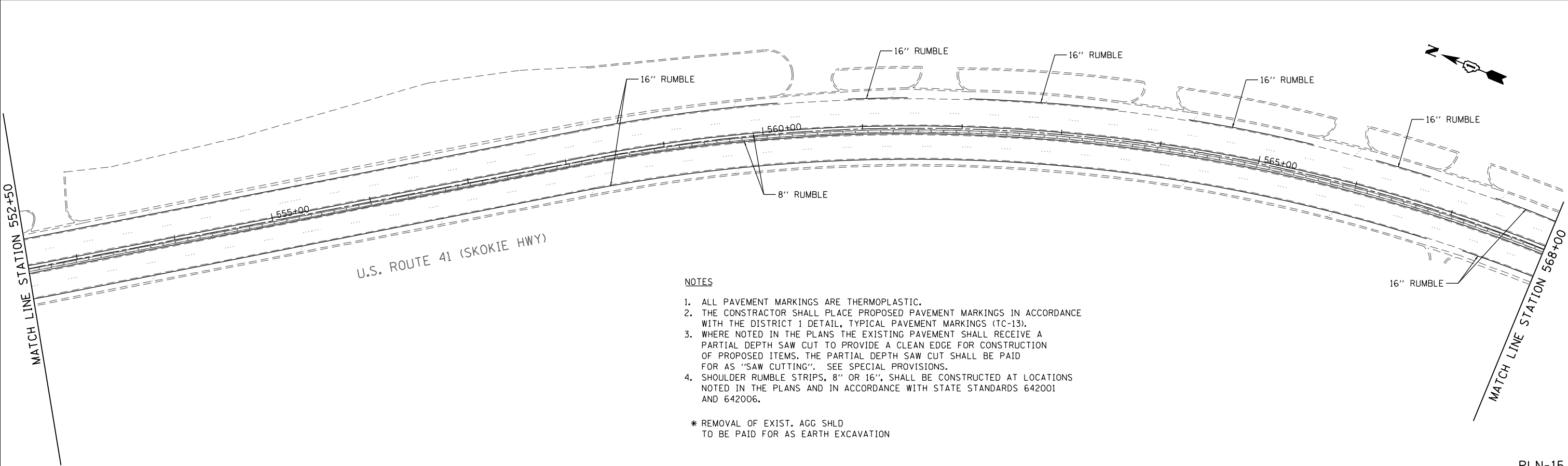
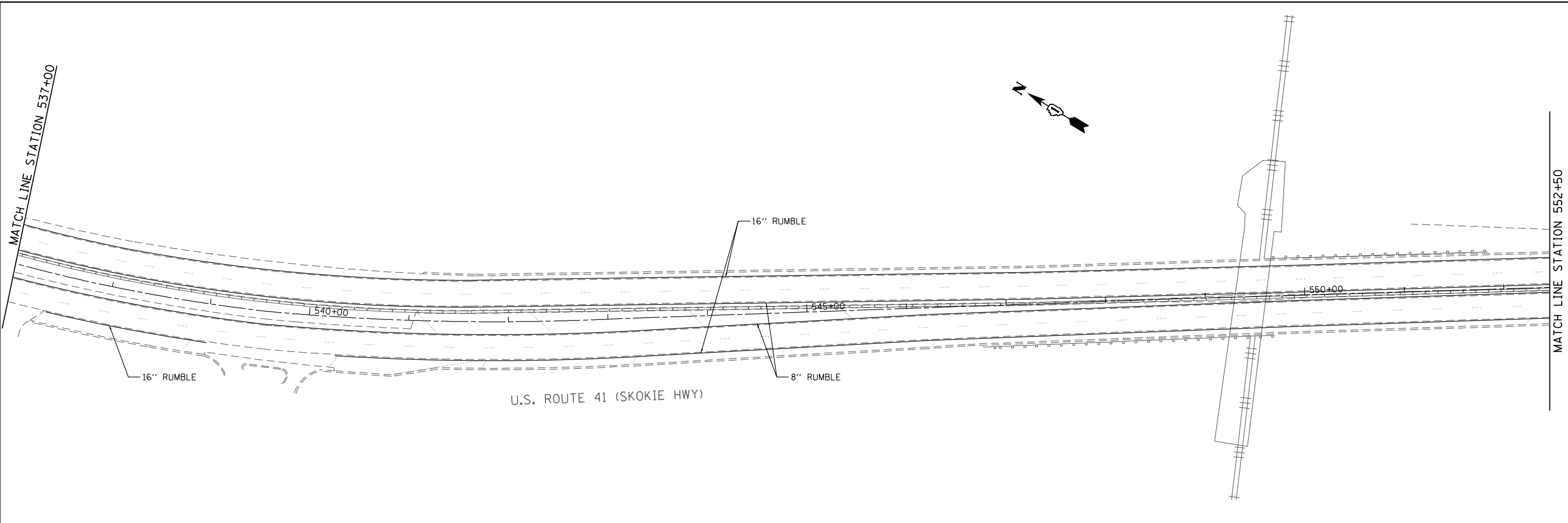
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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NOTES

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* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION

FILE NAME = P:\2014\ME14027_VerVar_Phi\W01_US41_DeJony\CADD\Shets\DI60W99-SHT-PLAN15.dgn
 PLOT SCALE = 1/8"=50' / in.
 USER NAME = Millennia Professional Services



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DRAWN -	MG/TVN	REVISED -	
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DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

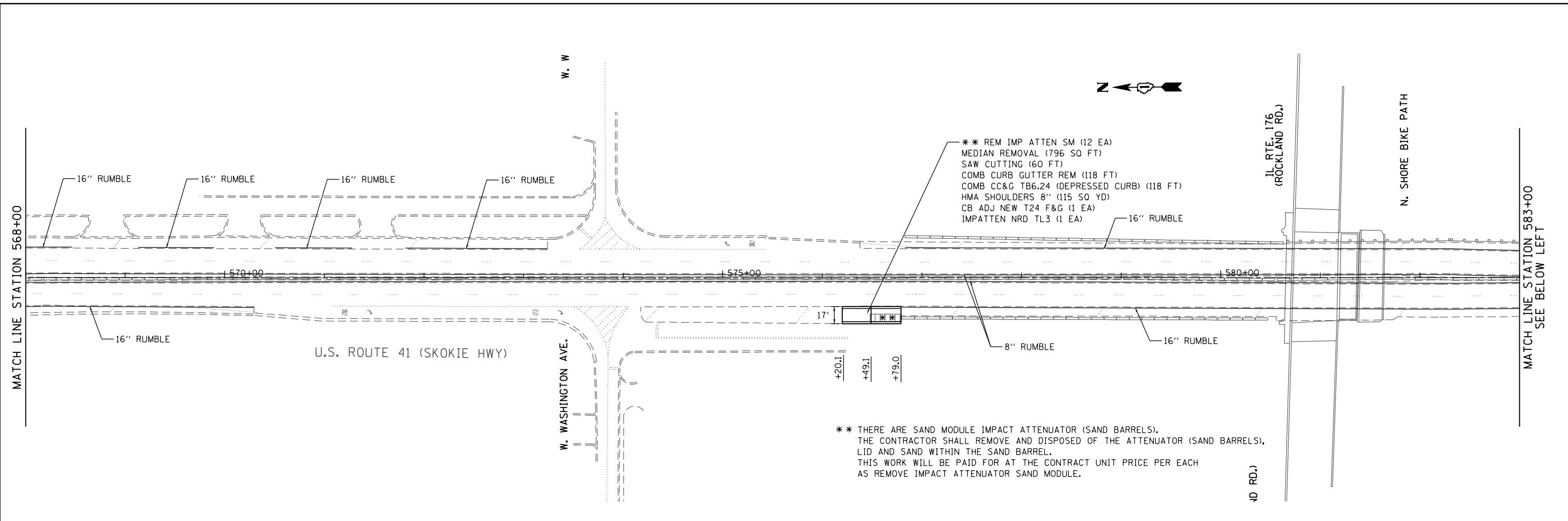
US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	26
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

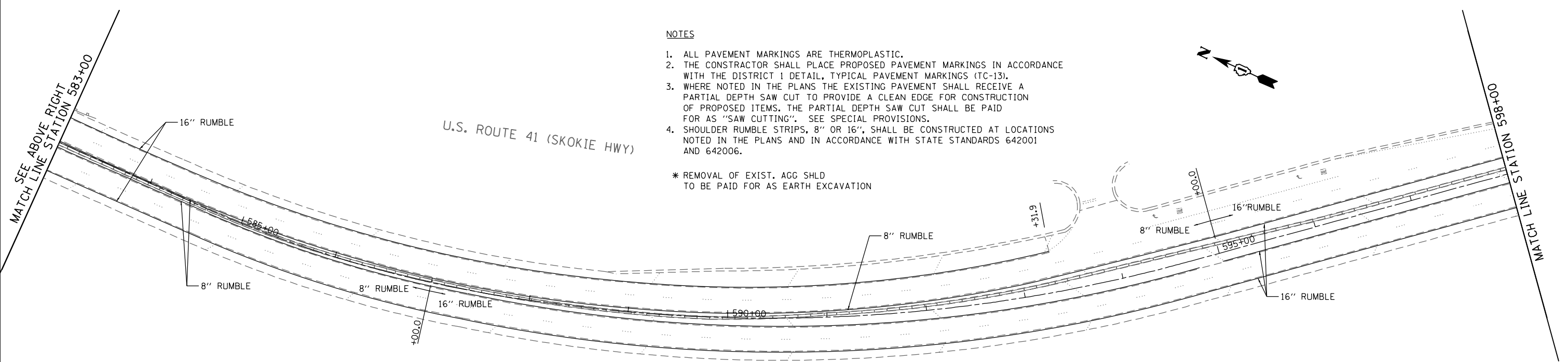
PLN-15

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NOTES

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- * REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION



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 USER NAME = Millennia Professional Services

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DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

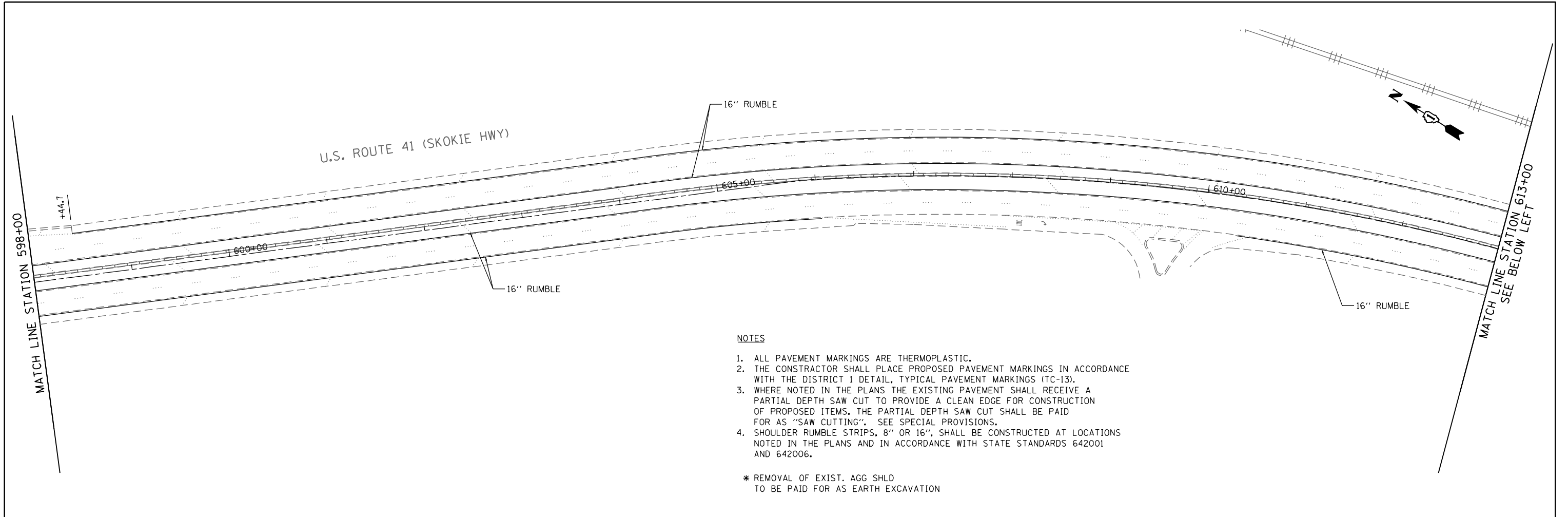
US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	27
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-16

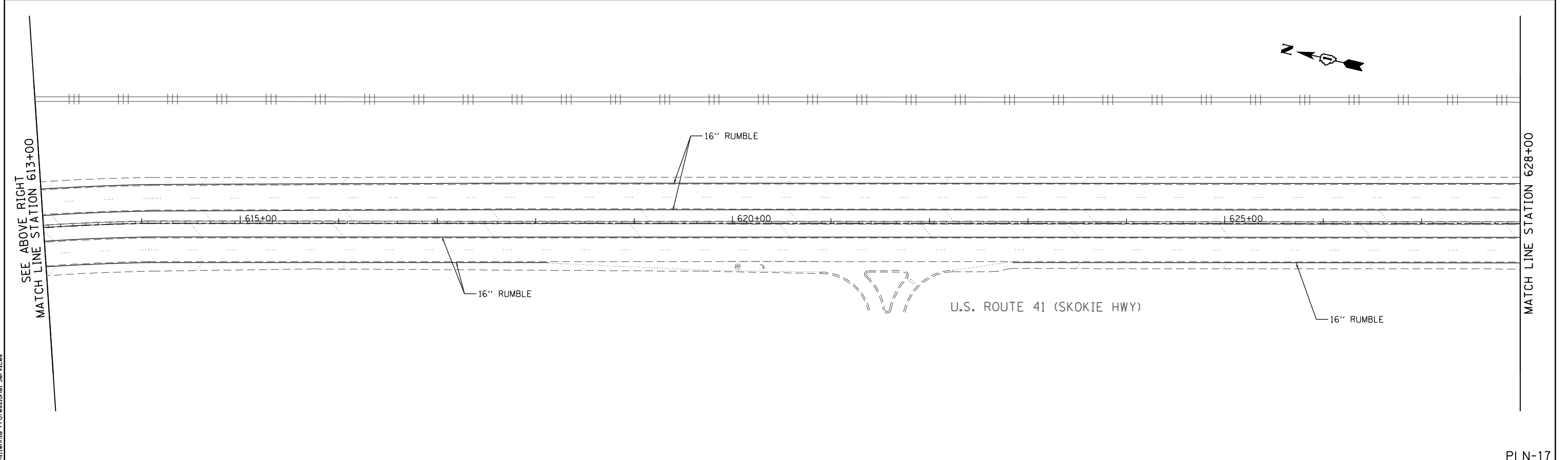
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NOTES

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 PLOT SCALE = 1/8"=50' / in.
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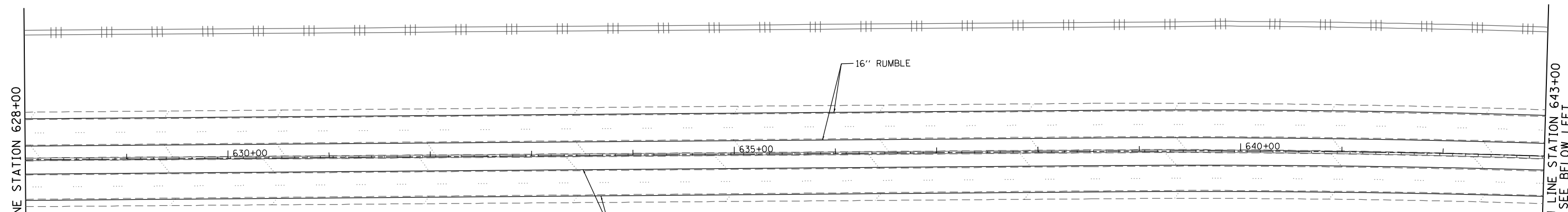
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DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	28
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

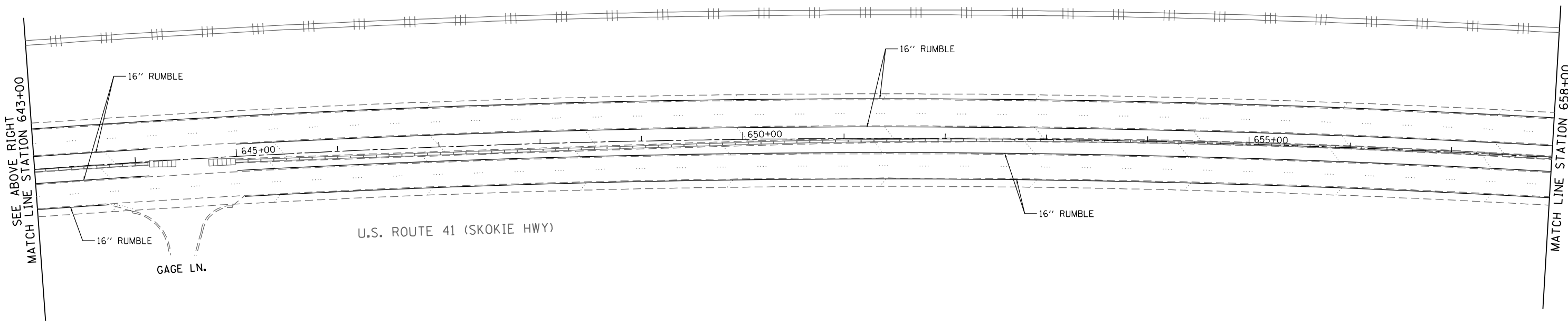
SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.



NOTES

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* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION



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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services



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CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	29
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

MATCH LINE STATION 658+00

MATCH LINE STATION 673+00
SEE BELOW LEFT

U.S. ROUTE 41 (SKOKIE HWY)

NOTES

1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC.
2. THE CONSTRUCTOR SHALL PLACE PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH THE DISTRICT 1 DETAIL, TYPICAL PAVEMENT MARKINGS (TC-13).
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* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION

SEE ABOVE RIGHT
MATCH LINE STATION 673+00

MATCH LINE STATION 688+00

U.S. RTE. 41 (SKOKIE HWY)

U.S. ROUTE 41 (SKOKIE HWY)

FILE NAME = P:\2014\ME14027_Ver-Var-Ph1\W01_US41_DeJony\CADD\Shets\DI60W99-SHT-PLAN19.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennia Professional Services



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DRAWN -	MG/TVN	REVISED -	
CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

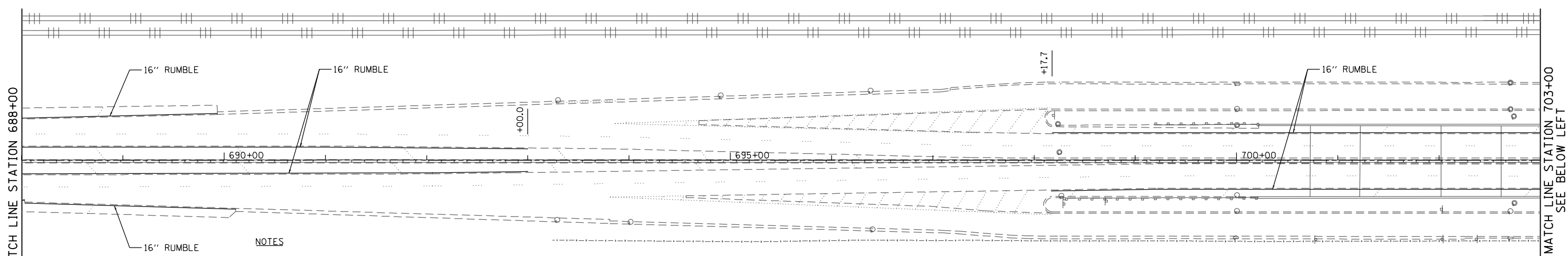
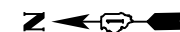
US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	30
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-19

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MATCH LINE STATION 688+00

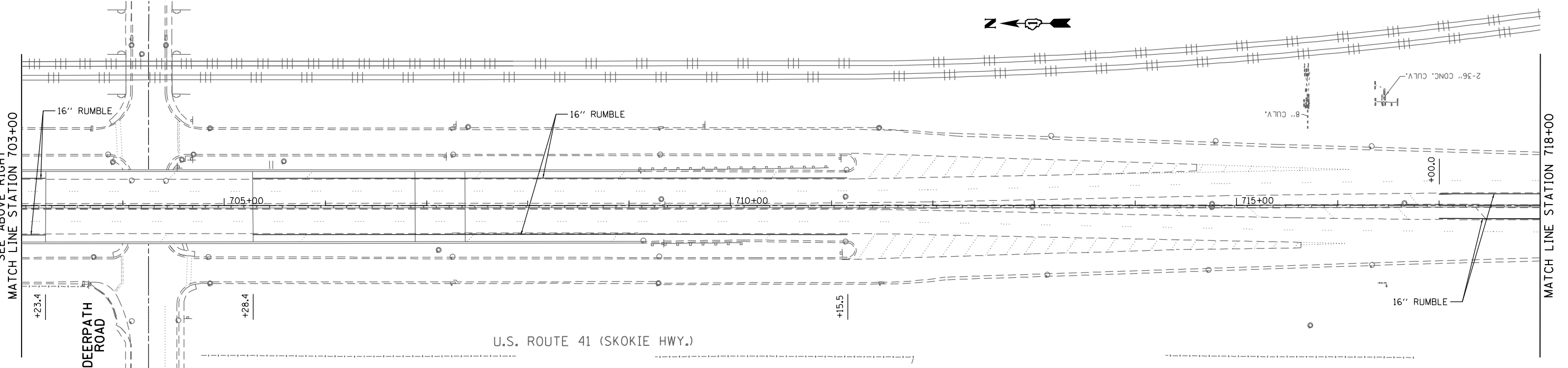
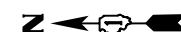
MATCH LINE STATION 703+00
SEE BELOW LEFT

NOTES

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* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION

U.S. ROUTE 41 (SKOKIE HWY.)



SEE ABOVE RIGHT
MATCH LINE STATION 703+00

MATCH LINE STATION 718+00

U.S. ROUTE 41 (SKOKIE HWY.)

DEERPATH ROAD

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PLOT SCALE = 1/8"=1'-0"
USER NAME = Millennium Professional Services



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DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

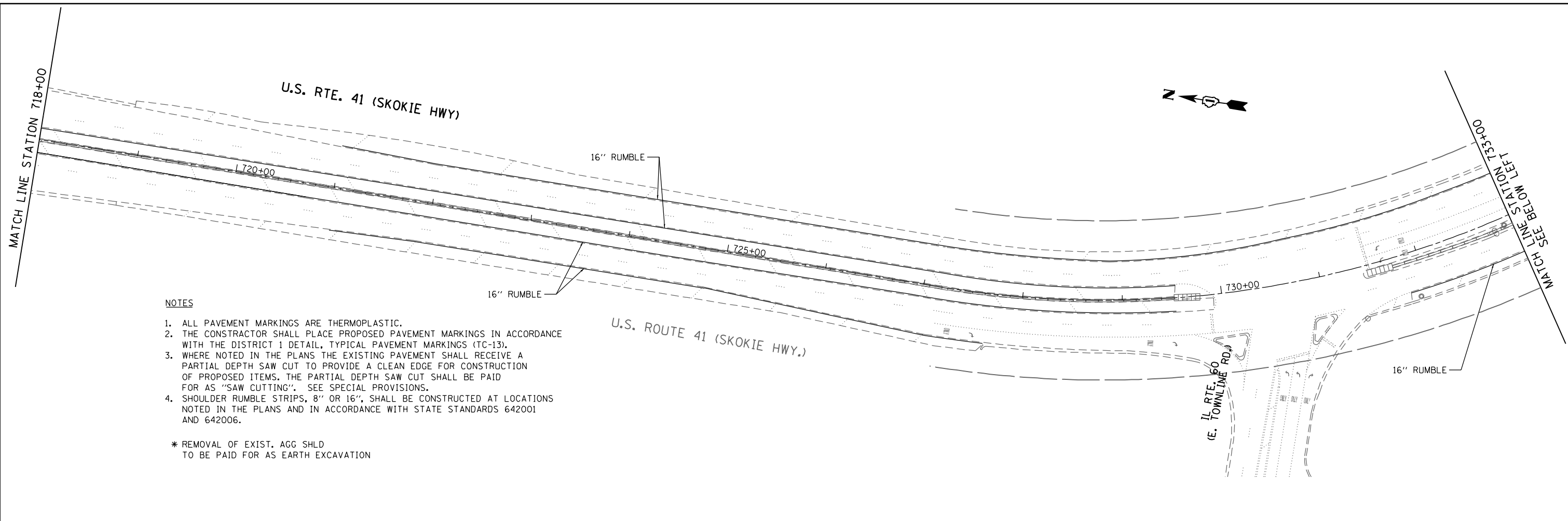
**US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	31
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-20

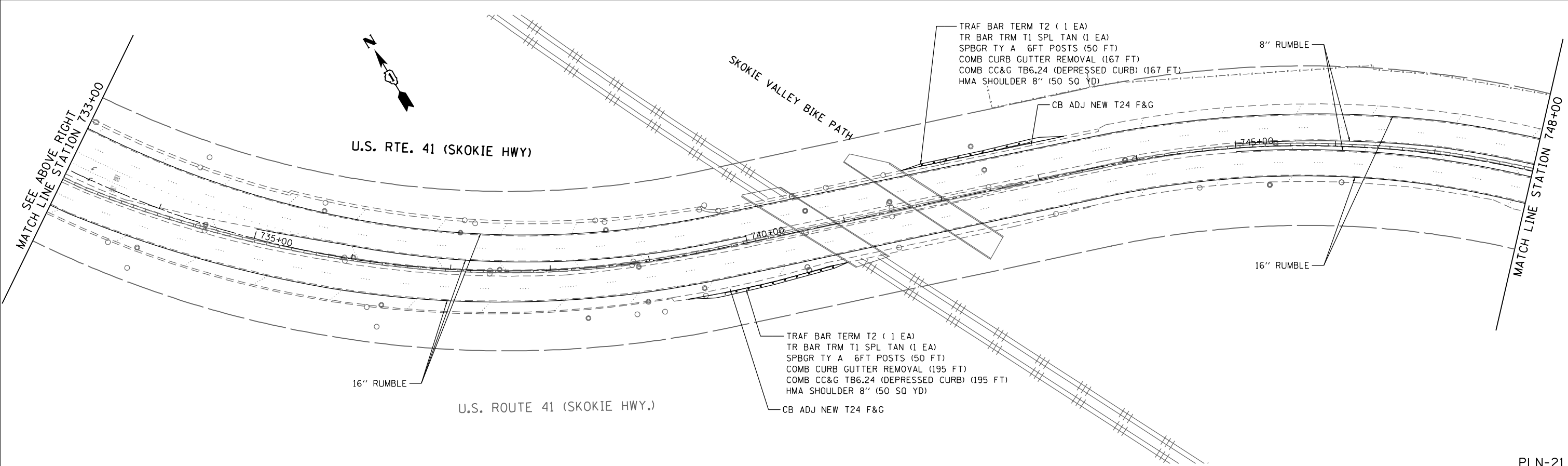
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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services



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DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

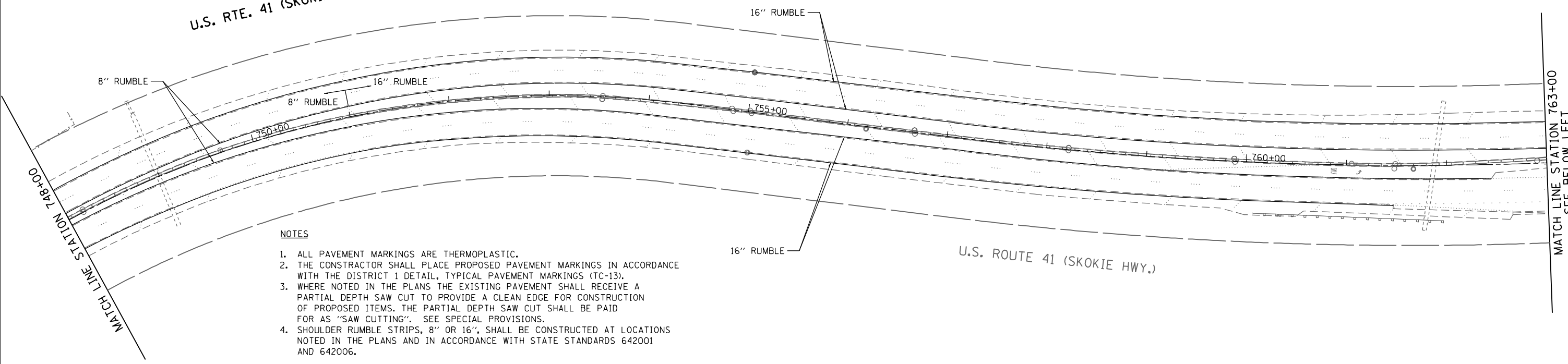
SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2013-0531	COUNTY LAKE	TOTAL SHEETS 135	SHEET NO. 32
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-21



U.S. RTE. 41 (SKOKIE HWY)

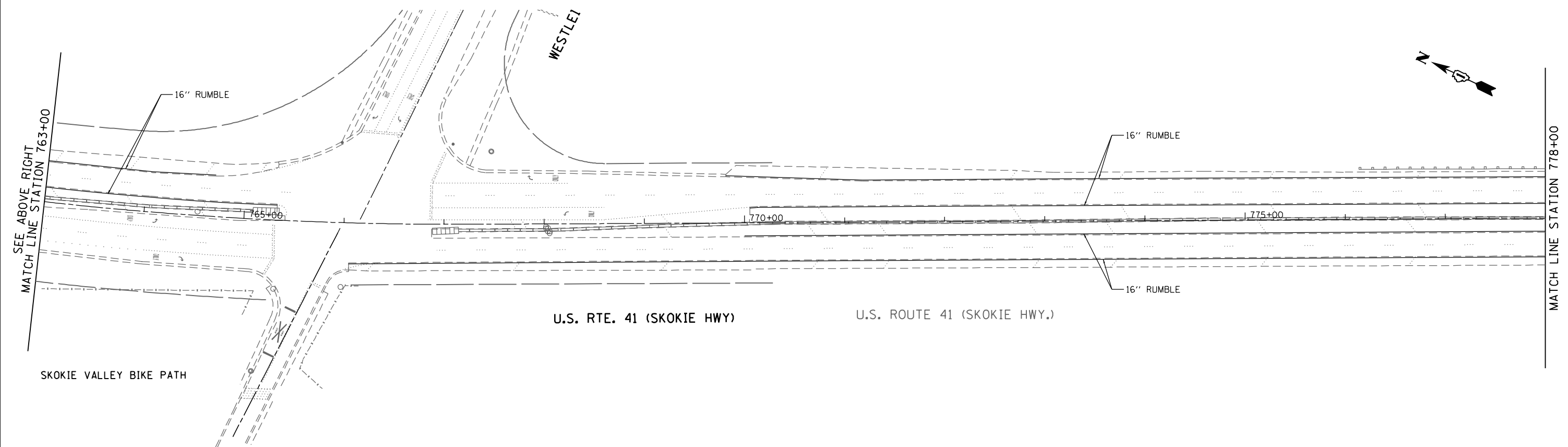
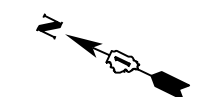


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* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION

MATCH LINE STATION 763+00
SEE BELOW LEFT



U.S. RTE. 41 (SKOKIE HWY)

U.S. ROUTE 41 (SKOKIE HWY.)

SKOKIE VALLEY BIKE PATH

WESTLEI

SEE ABOVE RIGHT
MATCH LINE STATION 763+00

MATCH LINE STATION 778+00

FILE NAME = P:\2014\ME14027_Ver-Var-Ph1\W01_US41_DeLony\CADD\Shets\DI60W99-SHT-PLAN22.dgn
PLOT SCALE = 1/80.0000 / in.
USER NAME = Millennia Professional Services



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	33
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-22

P:\2014\ME14027_Ver-Var-Ph1\W01_US41_DeLony\CADD\Shets\DI60W99-SHT-PLAN22.dgn

MATCH LINE STATION 778+00

U.S. RTE. 41 (SKOKIE HWY)

U.S. ROUTE 41 (SKOKIE HWY.)

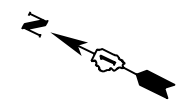
MATCH LINE STATION 793+00
SEE BELOW LEFT

NOTES

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* REMOVAL OF EXIST. AGG SHLD TO BE PAID FOR AS EARTH EXCAVATION

SKOKIE VALLEY BIKE PATH



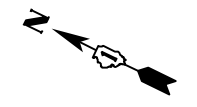
SEE ABOVE RIGHT
MATCH LINE STATION 793+00

U.S. RTE. 41 (SKOKIE HWY)

U.S. ROUTE 41 (SKOKIE HWY.)

MATCH LINE STATION 808+00

16" RUMBLE



FILE NAME = P:\2014\ME14027_Ver-Var-Ph1\W01_US41_DeLony\CADD\Shets\DI60W99-SHT-PLAN23.dgn
PLOT SCALE = 1/8"=50' / in.
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CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	34
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 60W99

PLN-23

P:\2014\ME14027_Ver-Var-Ph1\W01_US41_DeLony\CADD\Shets\DI60W99-SHT-PLAN23.dgn

MATCH LINE STATION 808+00

U.S. RTE. 41 (SKOKIE HWY)

16" RUMBLE

1810+00

1815+00

1820+00

16" RUMBLE

U.S. ROUTE 41 (SKOKIE HWY.)

MATCH LINE STATION 823+00
SEE BELOW LEFT

SKOKIE VALL

NOTES

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SEE ABOVE RIGHT
MATCH LINE STATION 823+00

16" RUMBLE

OLD ELM RD.

U.S. RTE. 41 (SKOKIE HWY)

16" RUMBLE

16" RUMBLE

1825+00

1830+00

1835+00

16" RUMBLE

16" RUMBLE

16" RUMBLE

16" RUMBLE

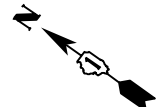
16" RUMBLE

U.S. ROUTE 41 (SKOKIE HWY.)

MATCH LINE STATION 838+00

EY BIKE PATH

OLD ELM RD.



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CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

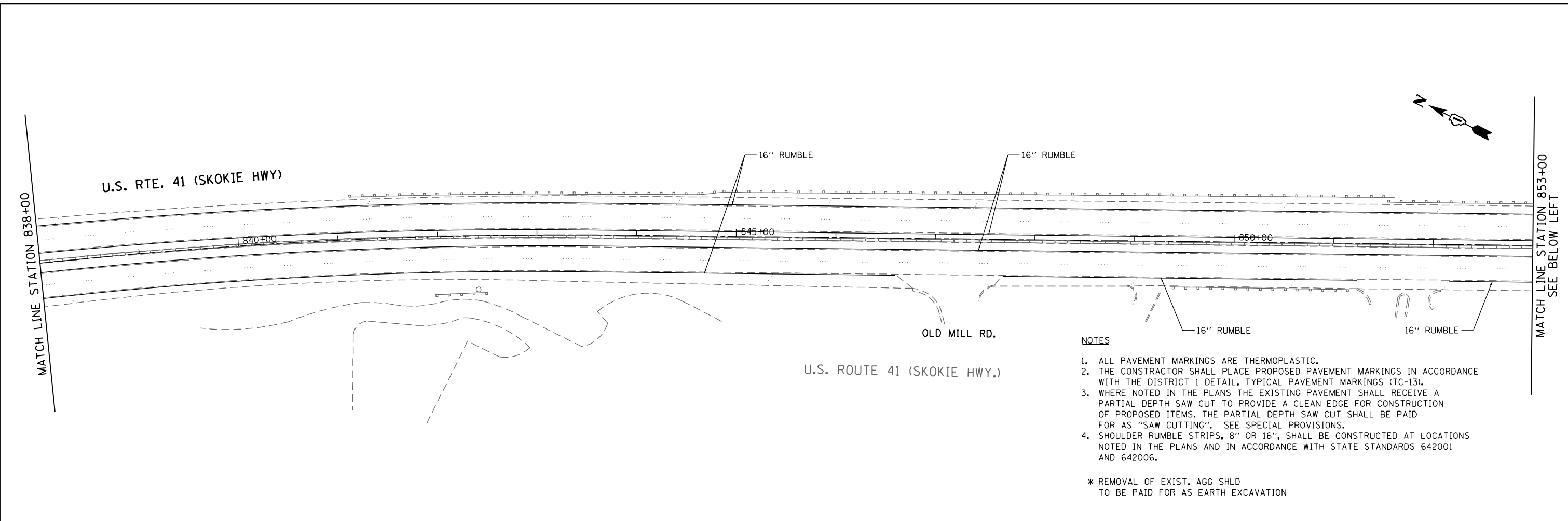
US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	LAKE	135	35
CONTRACT NO. 60W99			

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

PLN-24

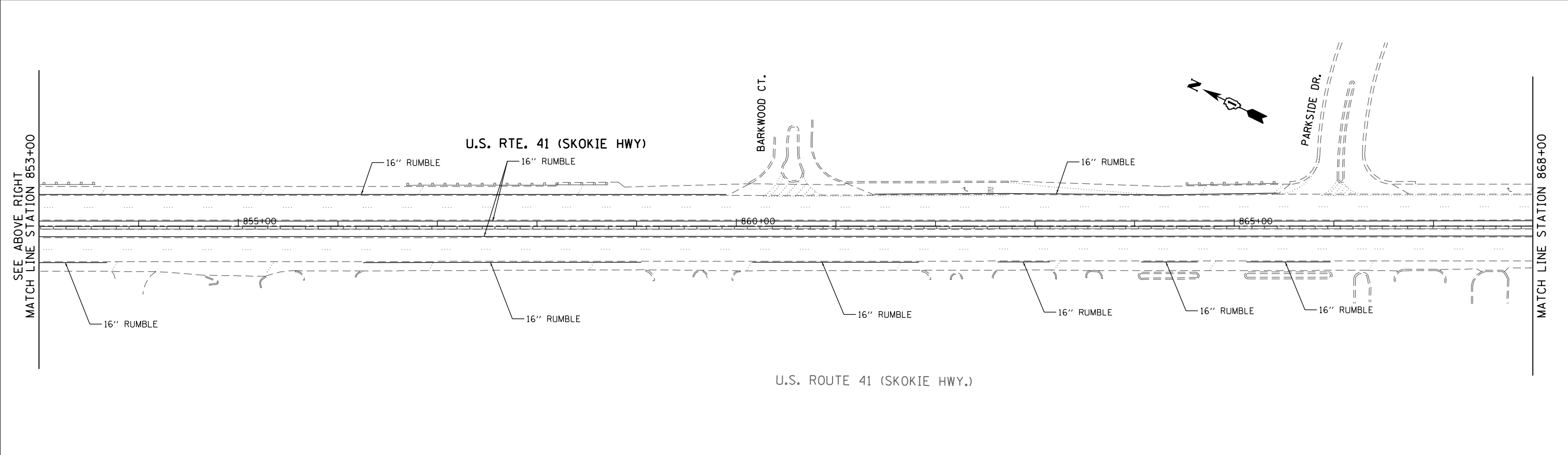
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 PLOT SCALE = 1/8"=50' / in.
 USER NAME = Millennium Professional Services



NOTES

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	SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

PLN-25

MATCH LINE STATION 868+00

U.S. RTE. 41 (SKOKIE HWY)

16" RUMBLE

16" RUMBLE

870+00

875+00

880+00

16" RUMBLE

16" RUMBLE

16" RUMBLE

16" RUMBLE

16" RUMBLE

16" RUMBLE

U.S. ROUTE 41 (SKOKIE HWY.)

MATCH LINE STATION 883+00
SEE BELOW LEFT

SEE ABOVE RIGHT
MATCH LINE STATION 883+00

U.S. RTE. 41 (SKOKIE HWY)

16" RUMBLE

16" RUMBLE

16" RUMBLE

16" RUMBLE

885+00

890+00

895+00

16" RUMBLE

16" RUMBLE

16" RUMBLE

16" RUMBLE

EXIT RAMP TO IL 22

U.S. ROUTE 41 (SKOKIE HWY.)

MATCH LINE STATION 898+00

PLN-26

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USER NAME = Millennia Professional Services



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DRAWN -	MG/TVN	REVISED -	
CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

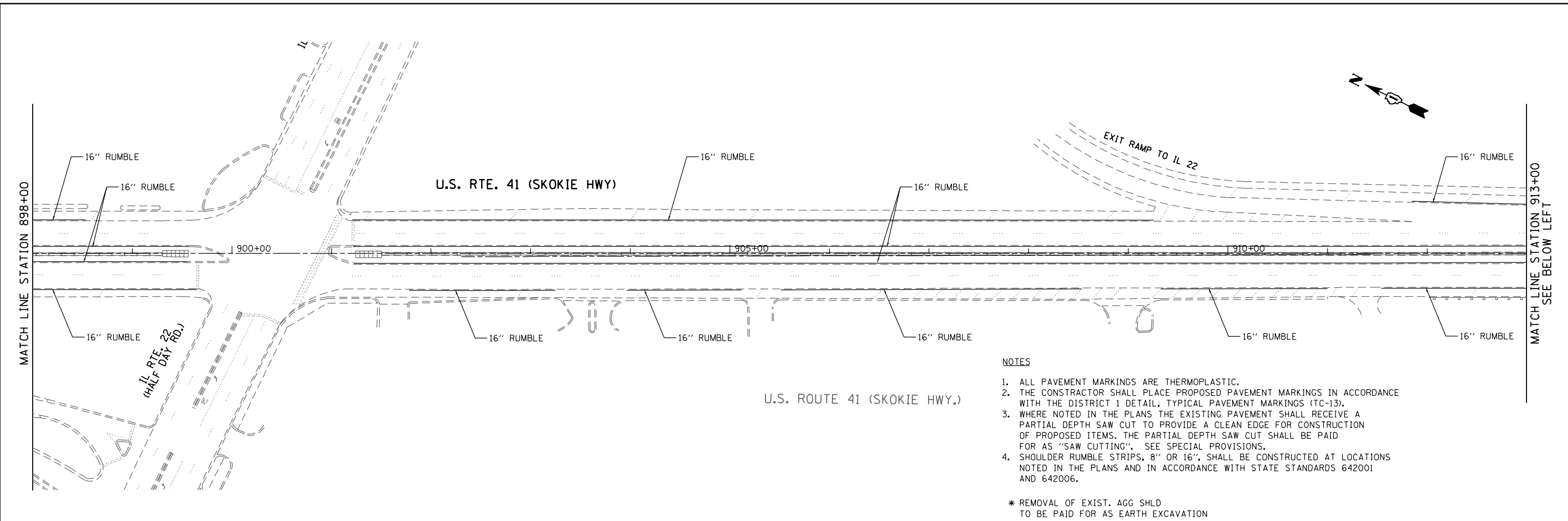
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN**

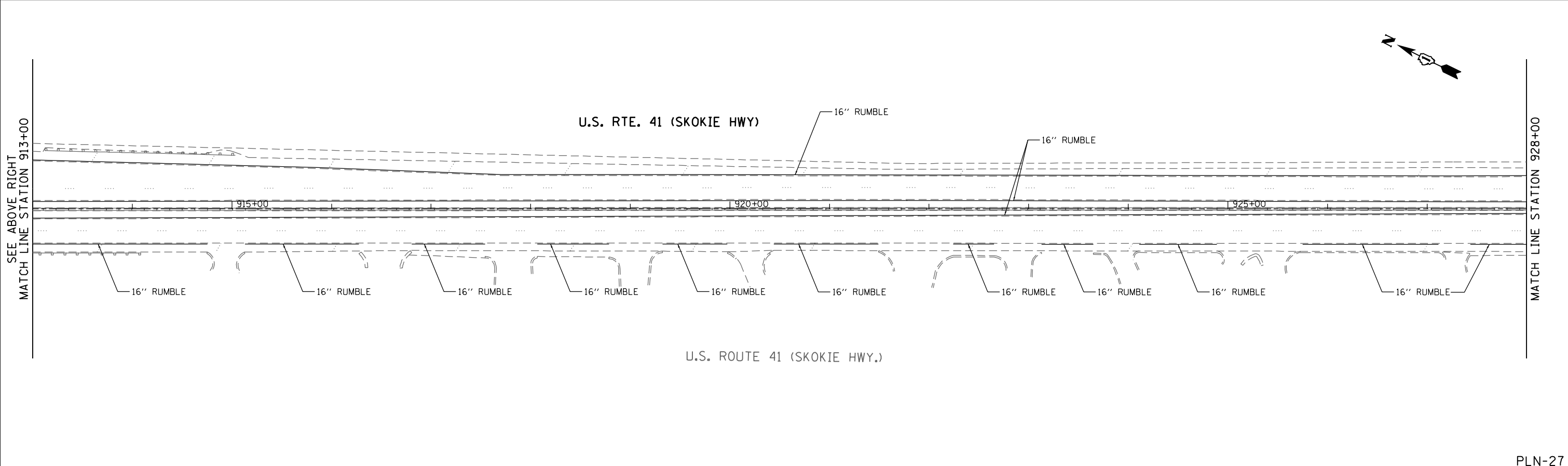
SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	37
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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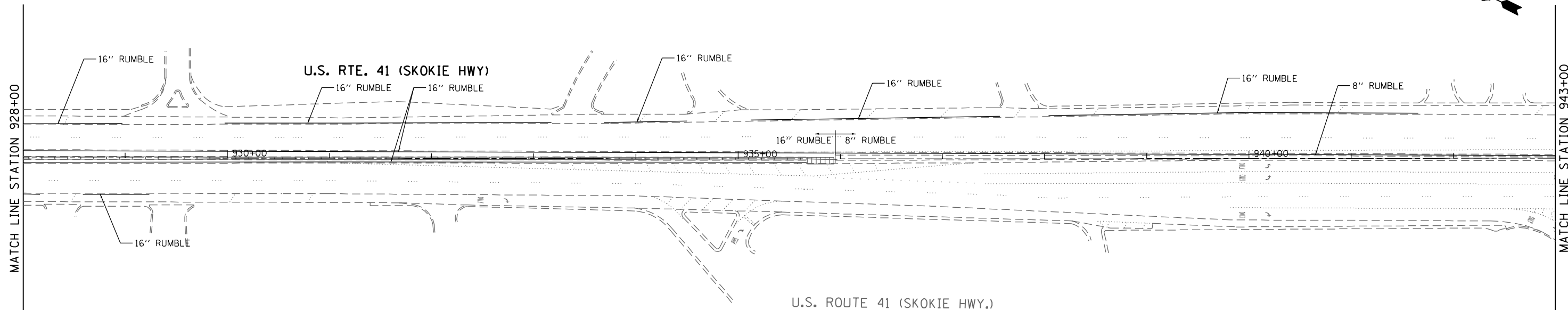
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	38
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-27

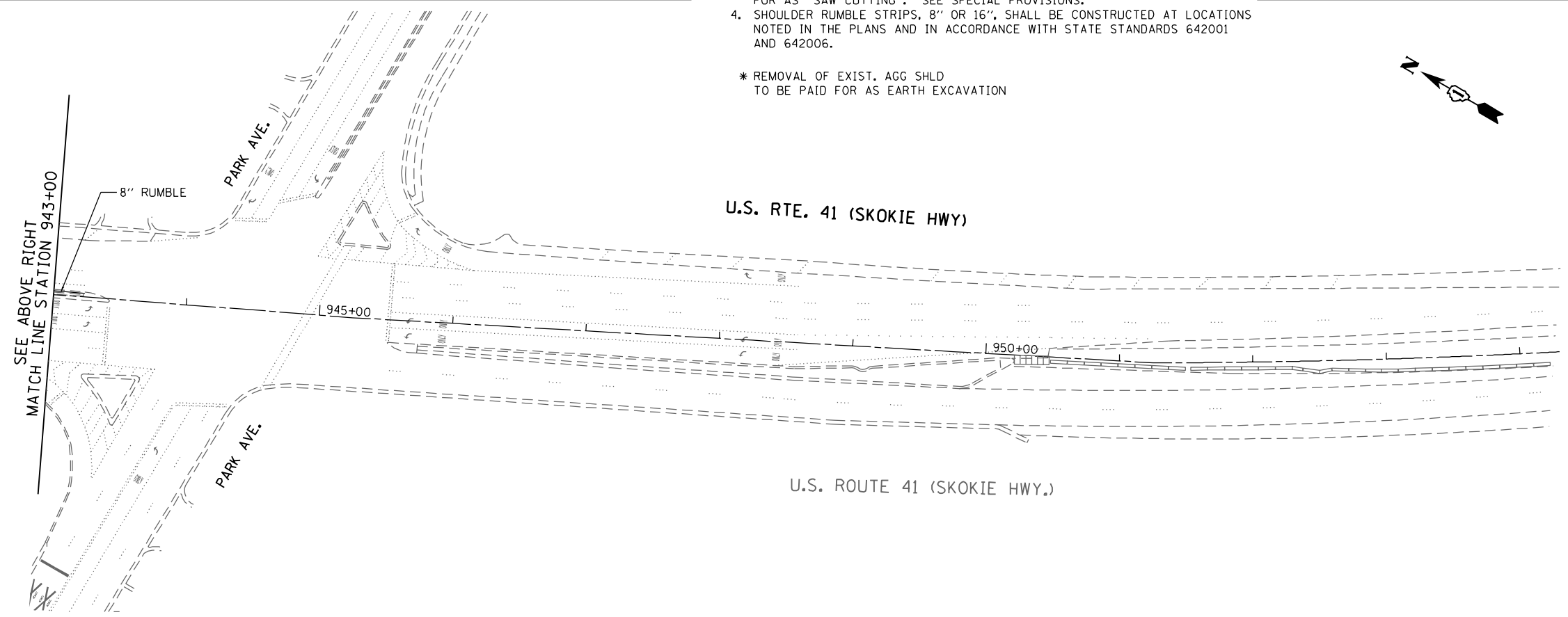


U.S. ROUTE 41 (SKOKIE HWY.)

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U.S. RTE. 41 (SKOKIE HWY)

U.S. ROUTE 41 (SKOKIE HWY.)

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 USER NAME = Millennium Professional Services

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MILLENNIA PROFESSIONAL SERVICES

DESIGNED - MG	REVISED -
DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

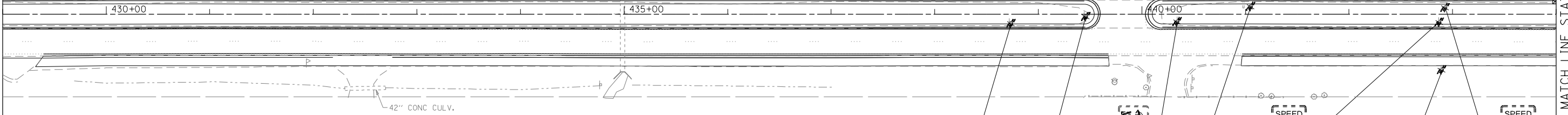
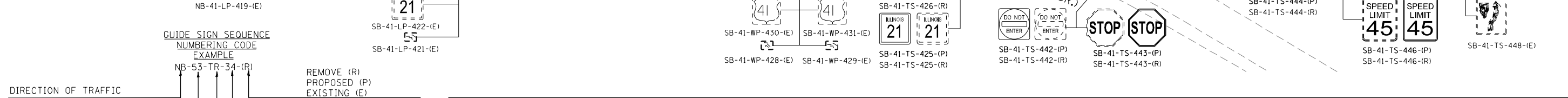
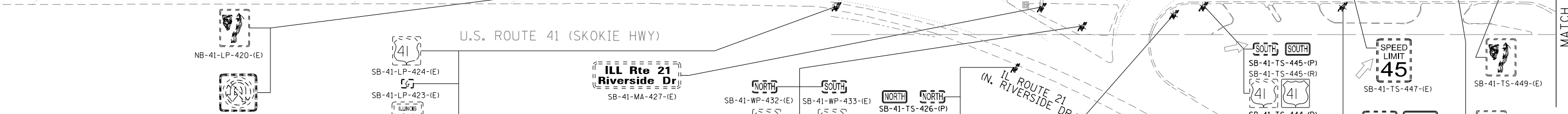
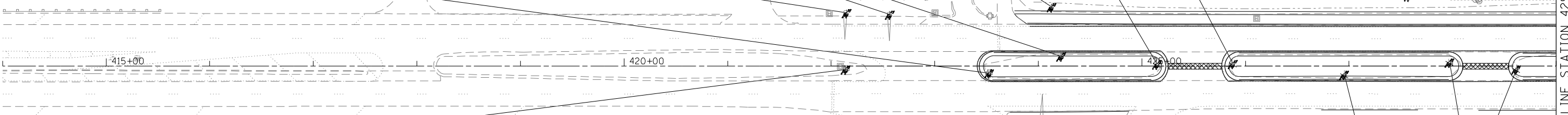
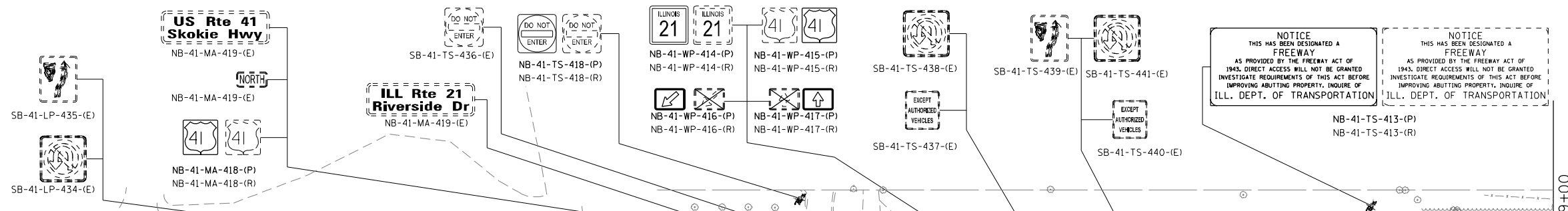
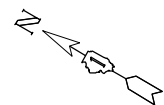
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	39
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

PLN-28



DIRECTION OF TRAFFIC
 NB - NORTHBOUND
 SB - SOUTHBOUND

ROADWAY OR INTERCHANGE
 41 - US ROUTE 41

**REMOVE (R)
 PROPOSED (P)
 EXISTING (E)**

SIGN PANEL NUMBER

MOUNTING TYPE
 TR - TRUSS
 CL - CANTILEVER
 BR - BRIDGE MOUNTED
 WP - WOOD POLE
 TS - TELESCOPIC STEEL
 BS - BREAKAWAY STEEL
 CY - CANOPY MOUNTED
 CW - CONCRETE WALL
 ST - STEEL TUBLAR
 LP - LIGHT POLE
 MP - METAL POST

**GUIDE SIGN SEQUENCE
 NUMBERING CODE
 EXAMPLE**
 NB-53-TR-34-(R)

MATCH LINE STATION 429+00
SEE BELOW LEFT

MATCH LINE STATION 444+00

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 PLOT SCALE = 1/80.0000 / in.
 USER NAME = Millennium Professional Services

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DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

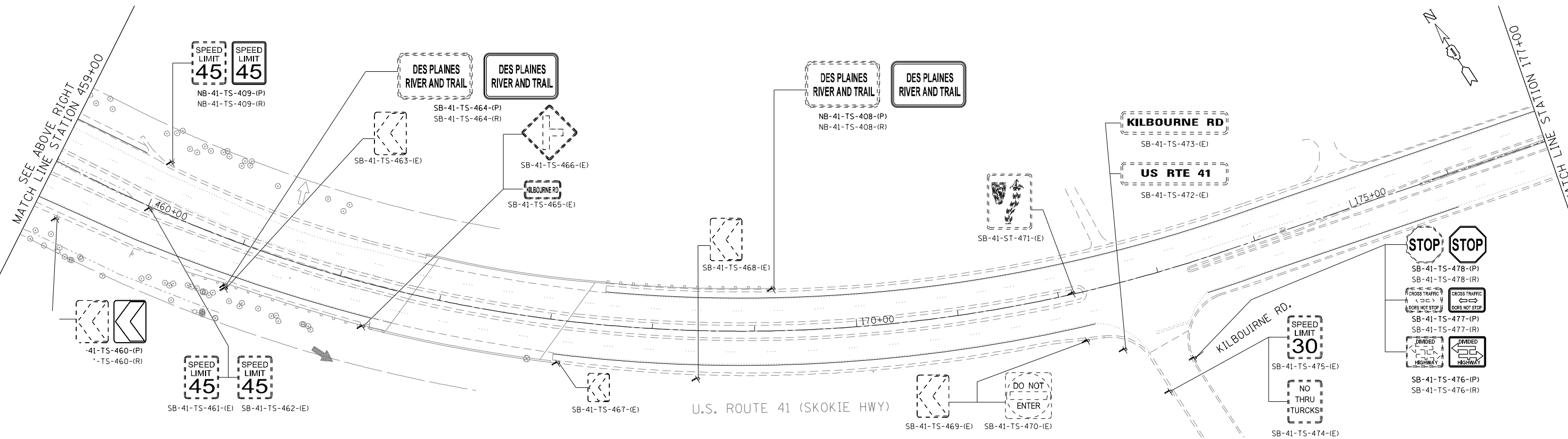
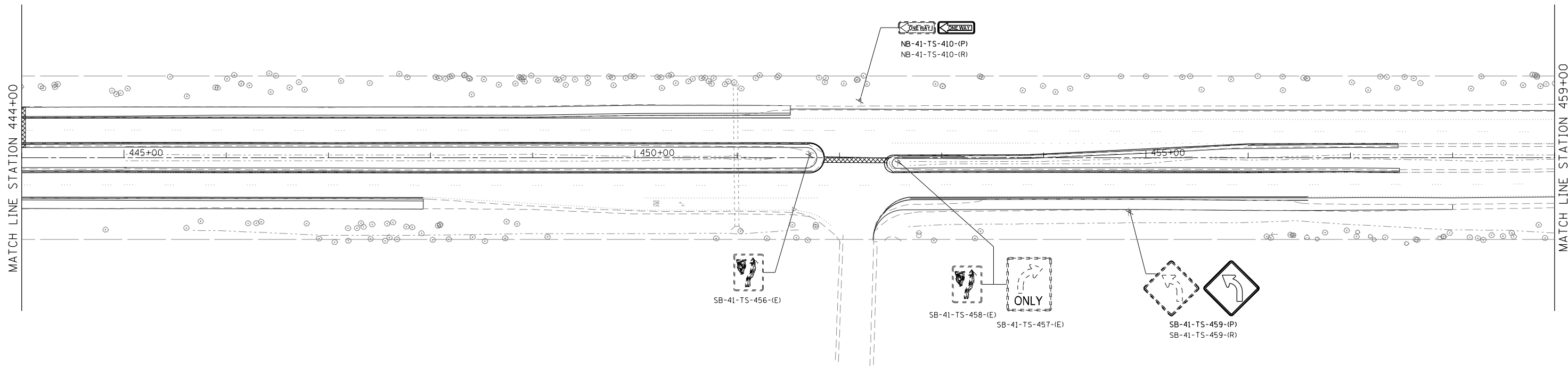
**US ROUTE 41 (SKOKIE HIGHWAY)
 ROADWAY SIGNING PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	40
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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U.S. ROUTE 41 (SKOKIE HWY)



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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services



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DRAWN -	MG/TVN	REVISED -	
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DATE -	12/19/2014	REVISED -	

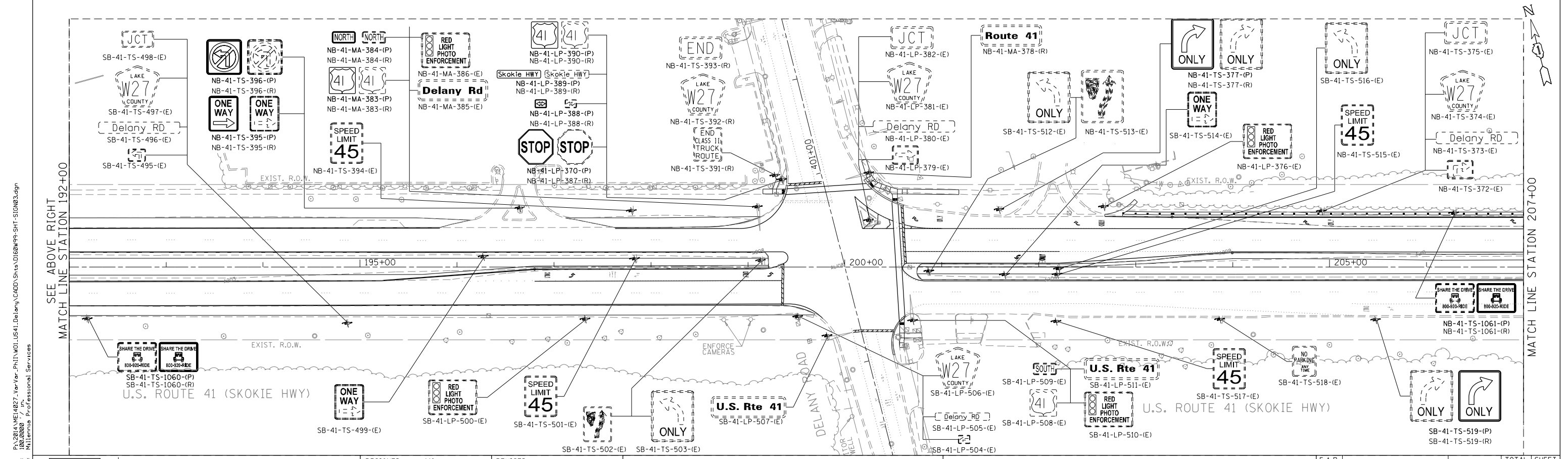
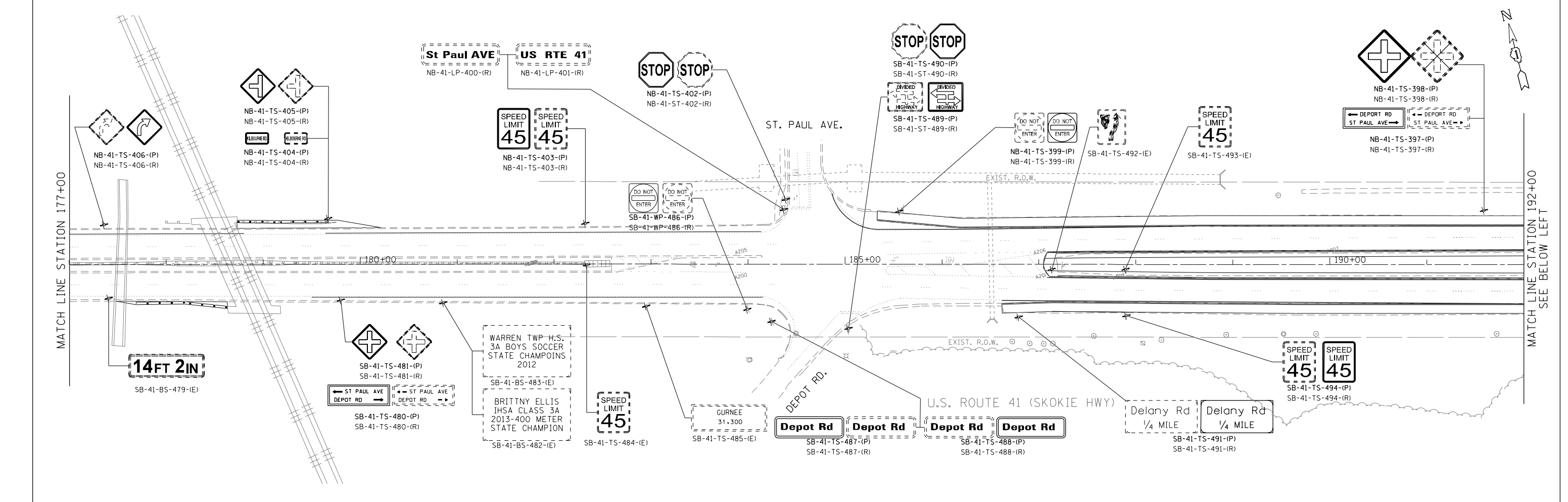
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	41
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services


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DESIGNED - MG	REVISED -
DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

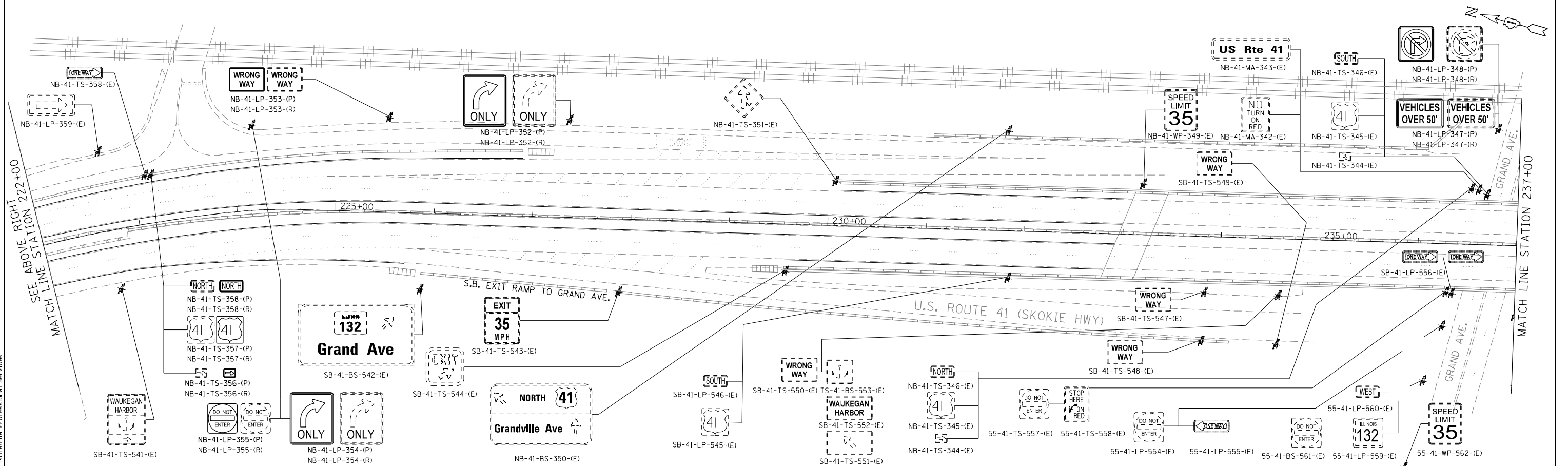
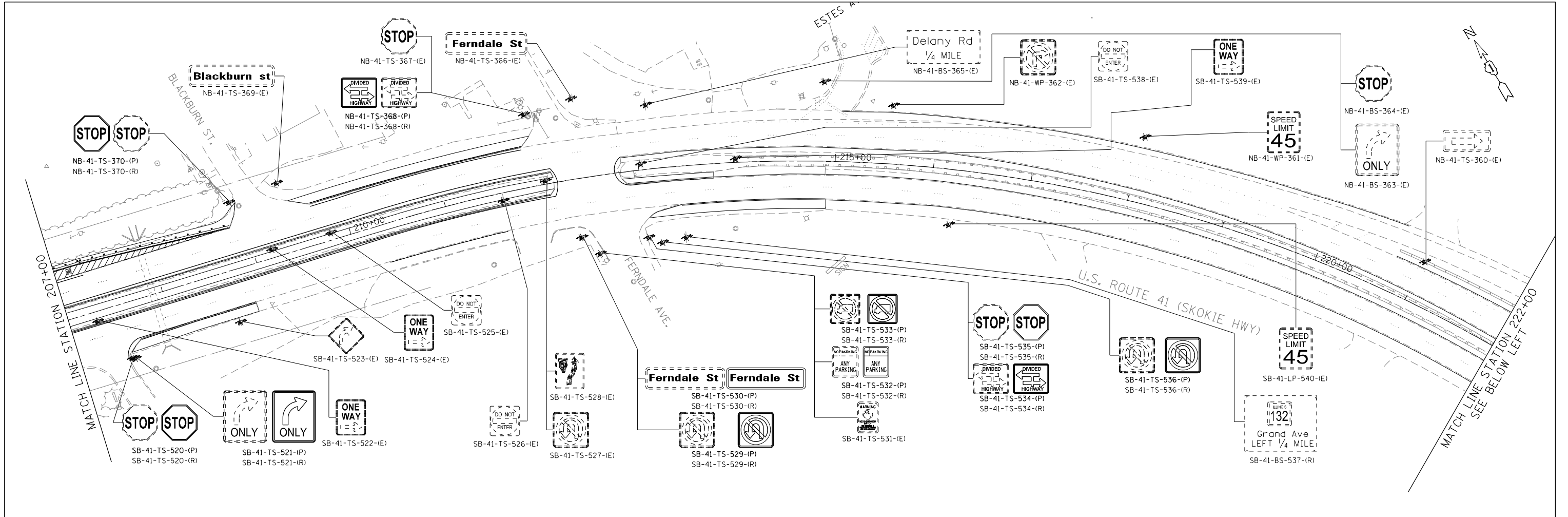
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

F.A.P. RTE. 346	SECTION 2013-0531	COUNTY LAKE	TOTAL SHEETS 135	SHEET NO. 42
CONTRACT NO. 60W99			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

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 USER NAME = Millennium Professional Services

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DATE - 12/19/2014	REVISED -

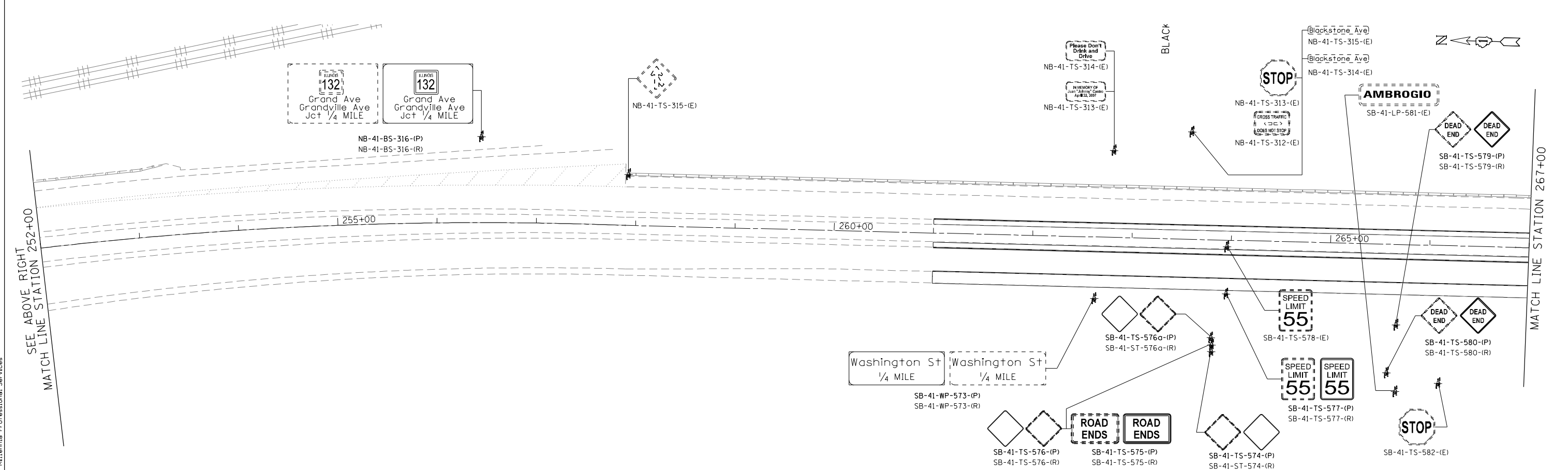
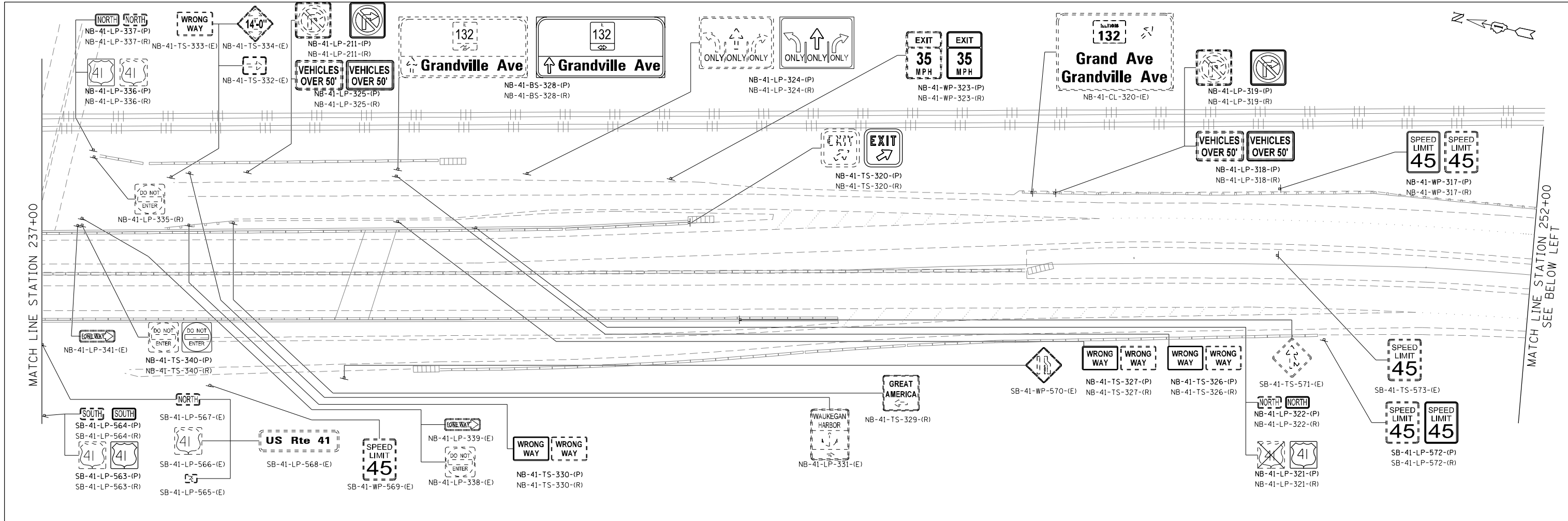
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2013-0531	COUNTY LAKE	TOTAL SHEETS 135	SHEET NO. 43
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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 PLOT SCALE = 1/8"=50'
 USER NAME = Millennium Professional Services



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CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

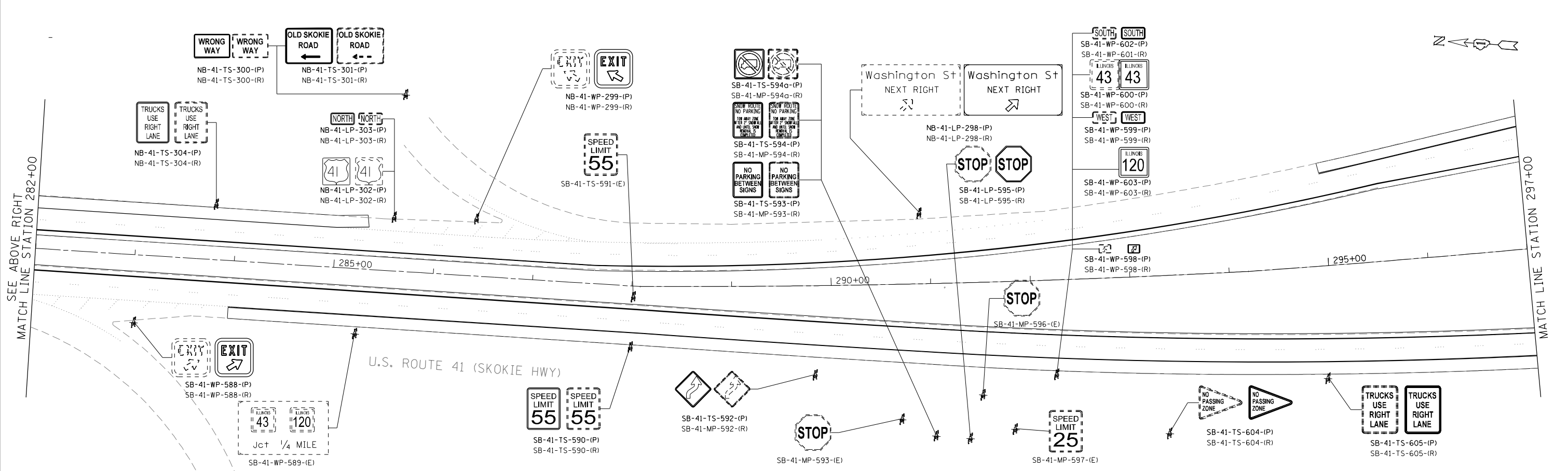
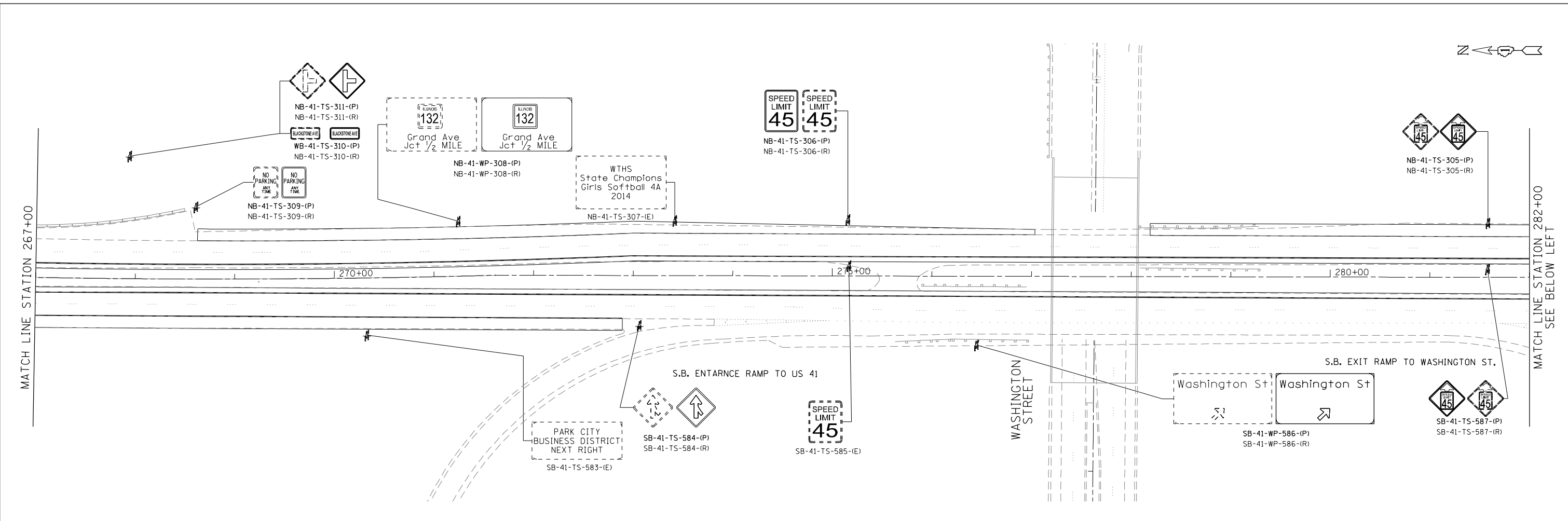
US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	44
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60W99	

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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services



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DATE - 12/19/2014	REVISED -

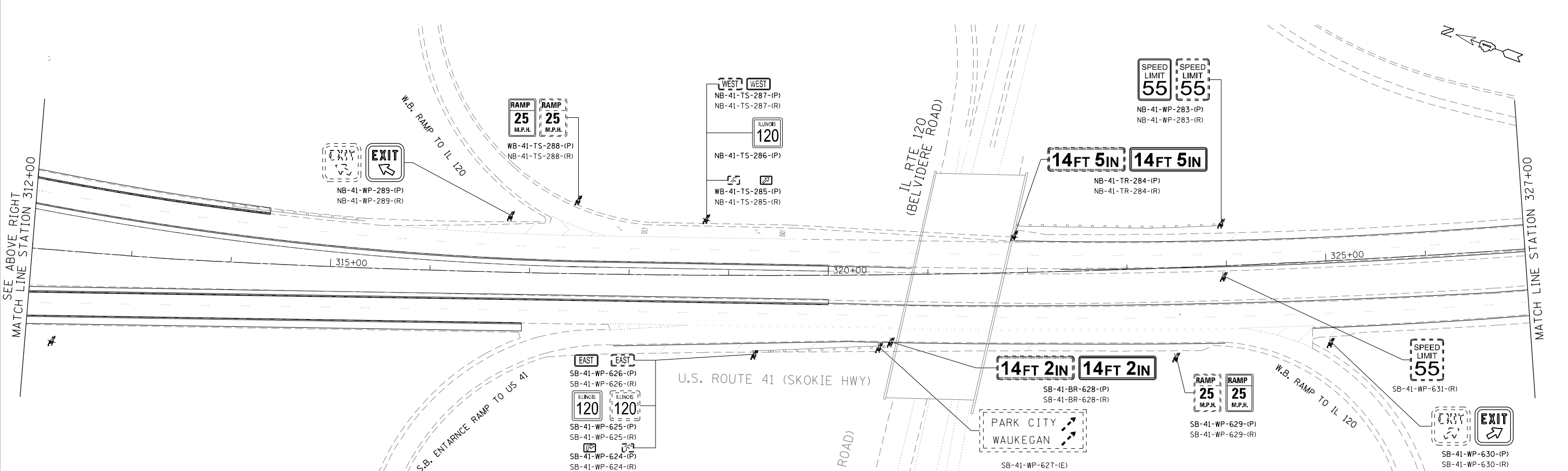
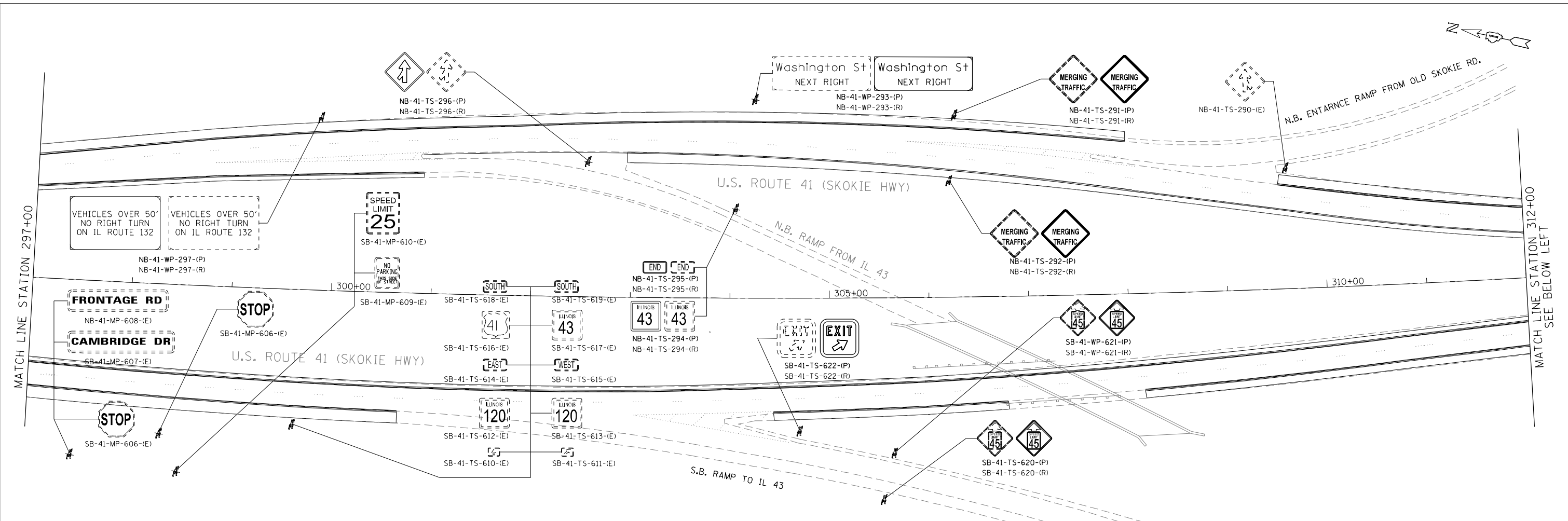
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 ROADWAY SIGNING PLAN**

F.A.P. RTE. 346	SECTION 2013-0531	COUNTY LAKE	TOTAL SHEETS 135	SHEET NO. 45
CONTRACT NO. 60W99				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennium Professional Services

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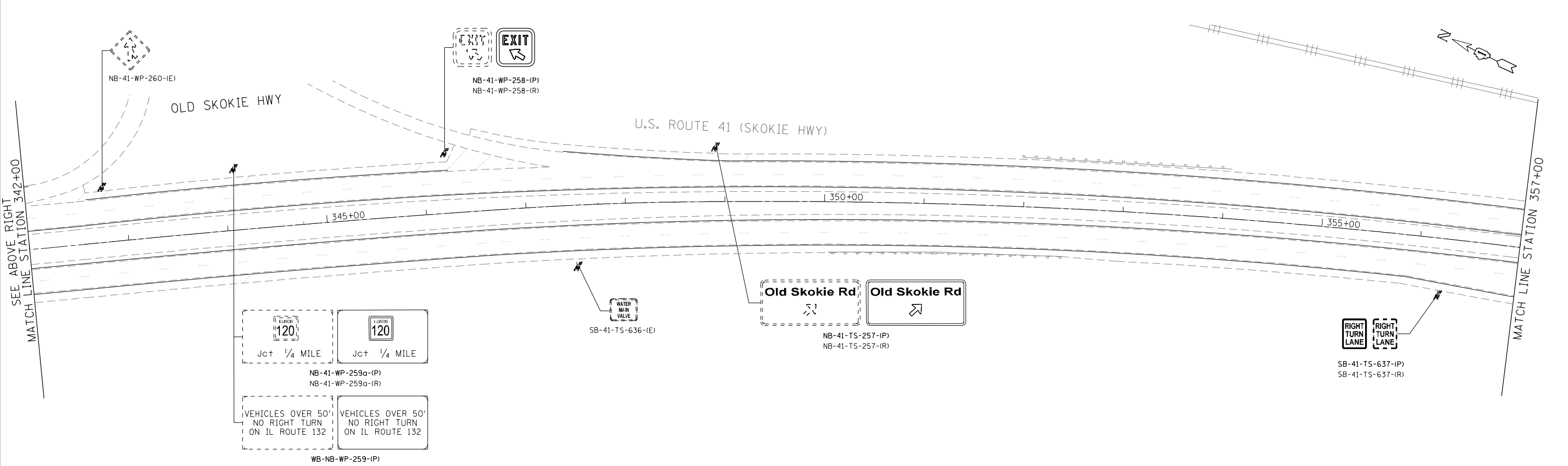
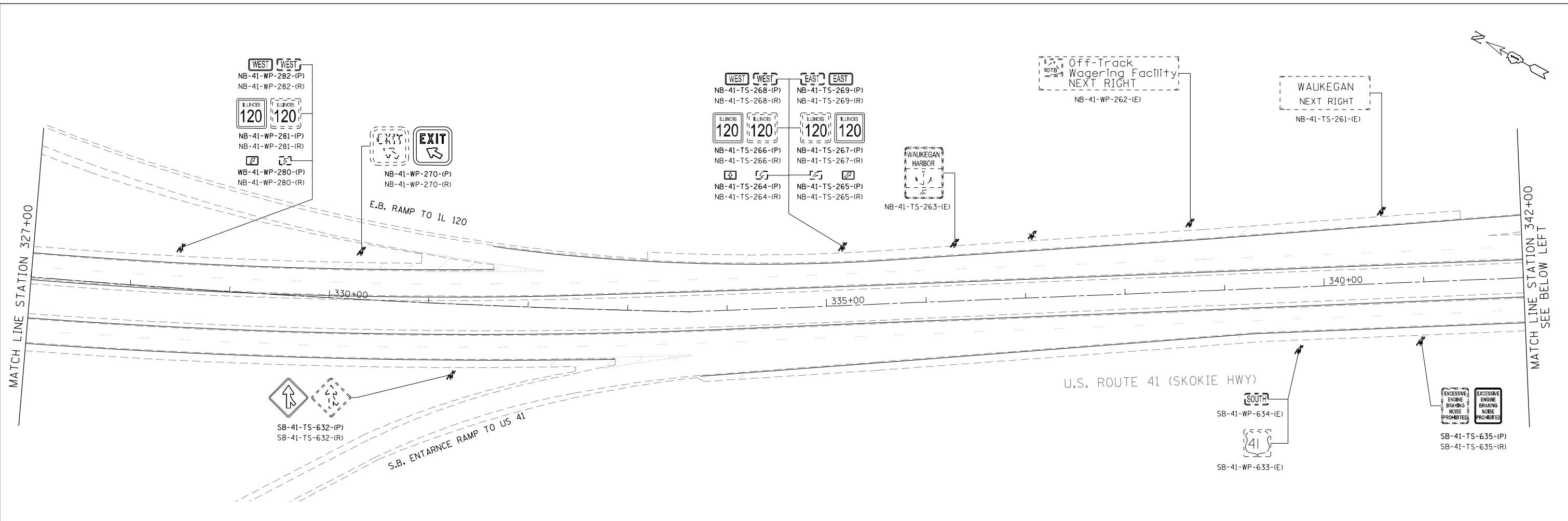
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DATE	- 12/19/2014	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)			
ROADWAY SIGNING PLAN			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	46
CONTRACT NO. 60W99				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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 USER NAME = Millennium Professional Services



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DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

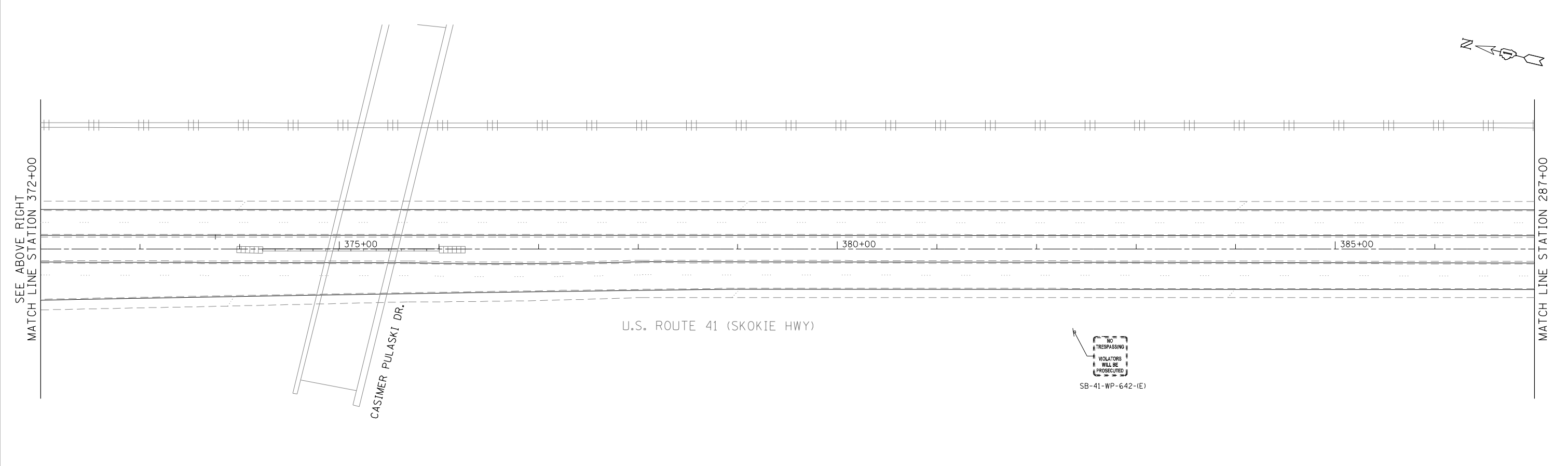
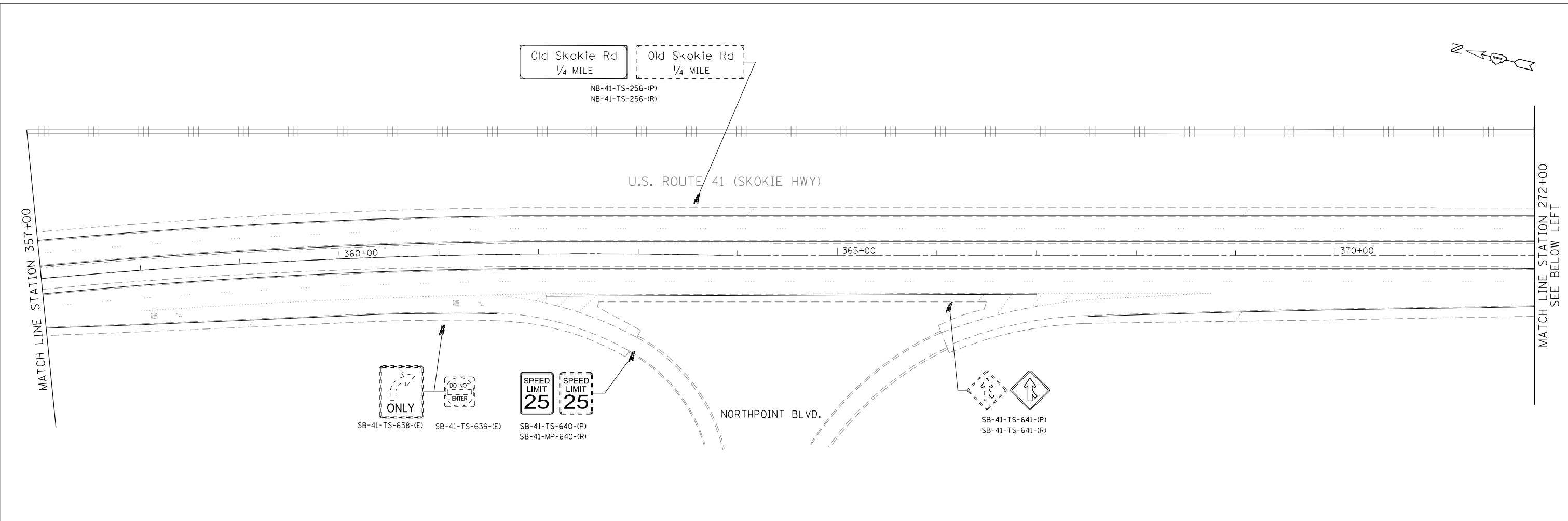
US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	47
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 60W99

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 USER NAME = Millennia Professional Services



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DATE -	12/19/2014	REVISED -	

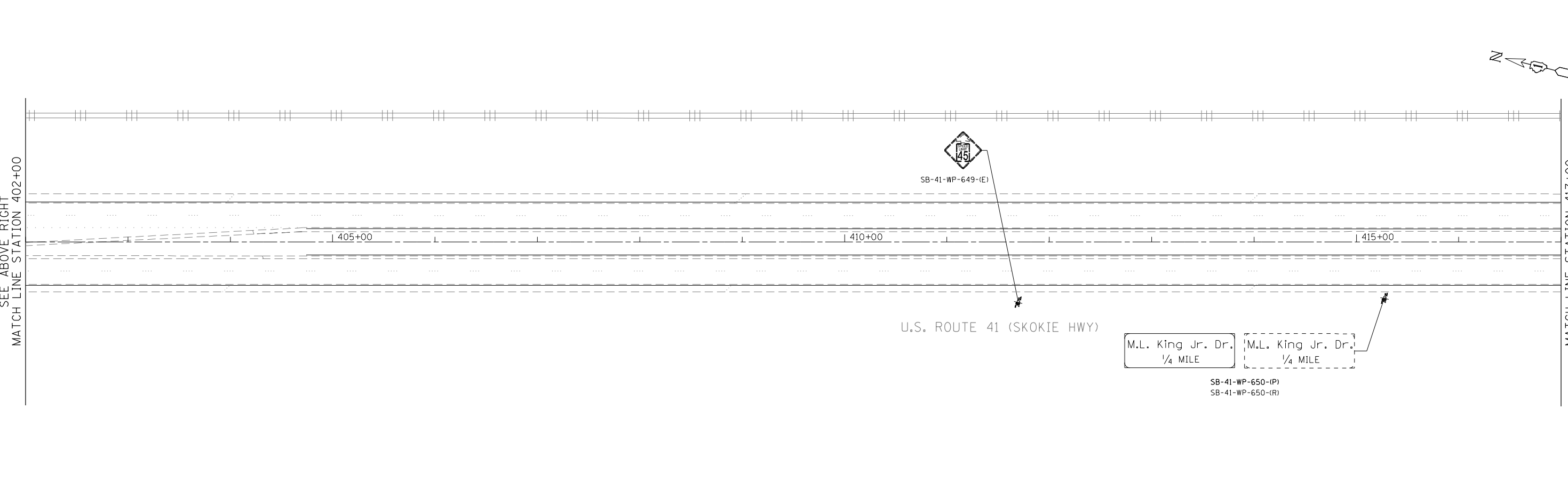
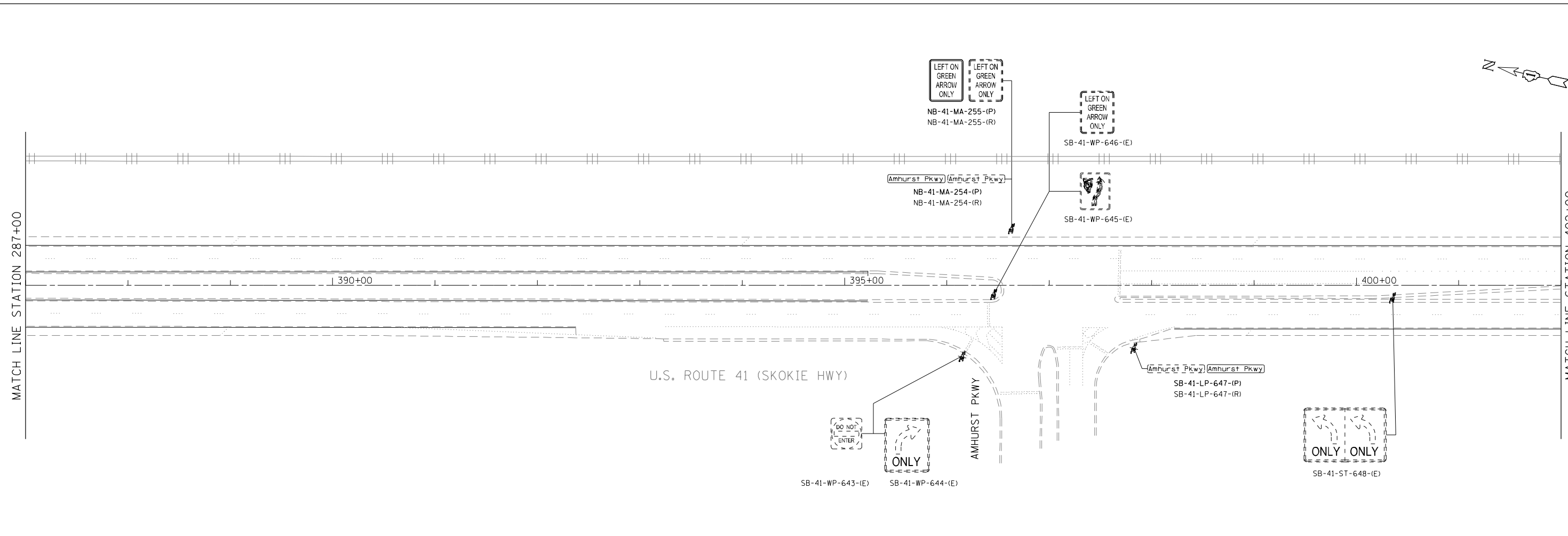
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 ROADWAY SIGNING PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	48
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				CONTRACT NO. 60W99

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 USER NAME = Millennium Professional Services

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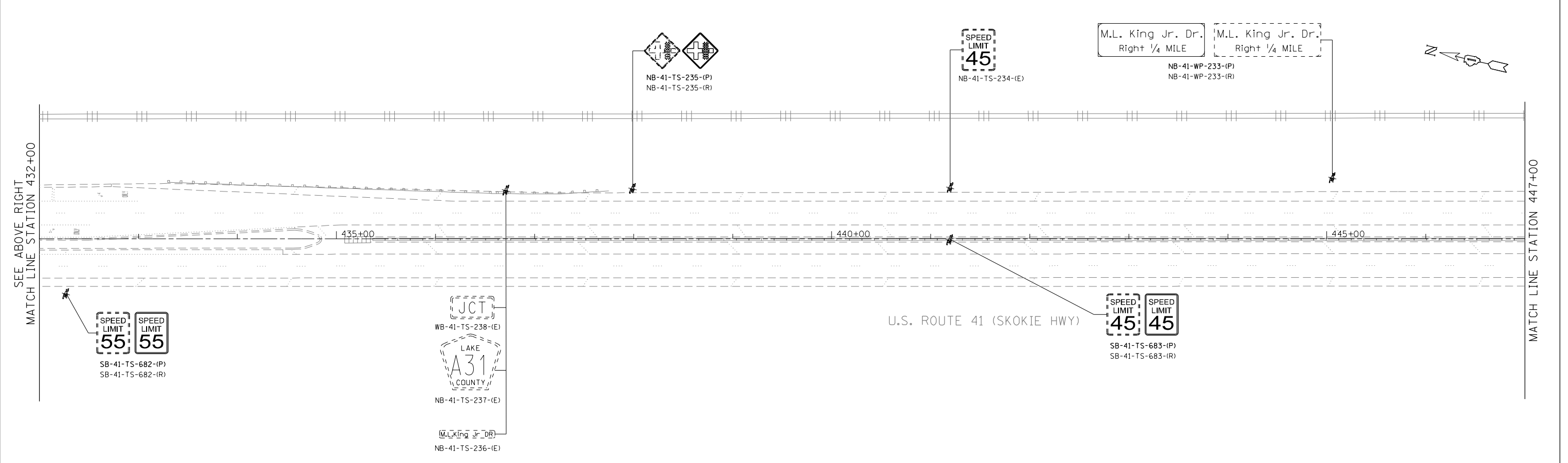
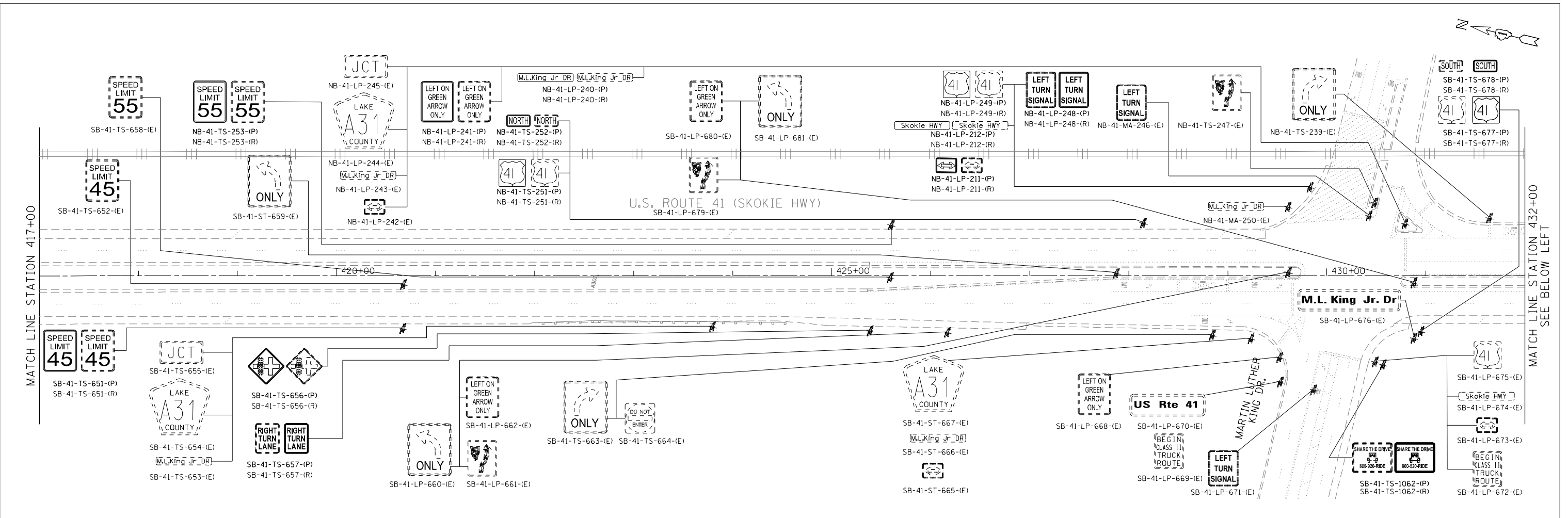
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	49
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60W99	

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DATE -	12/19/2014	REVISED -	

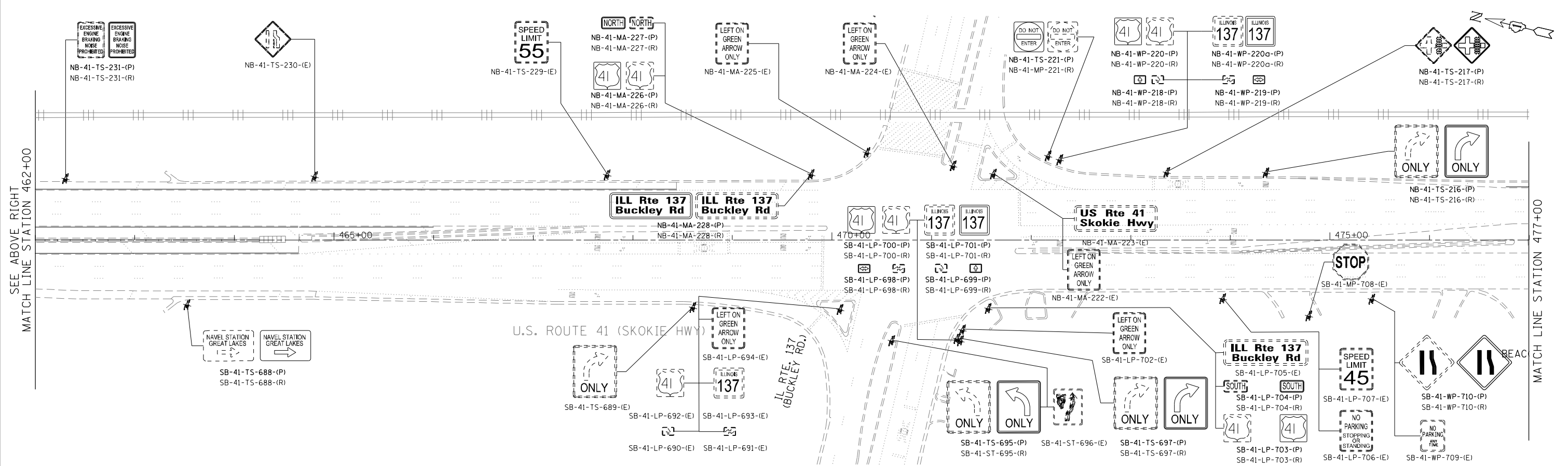
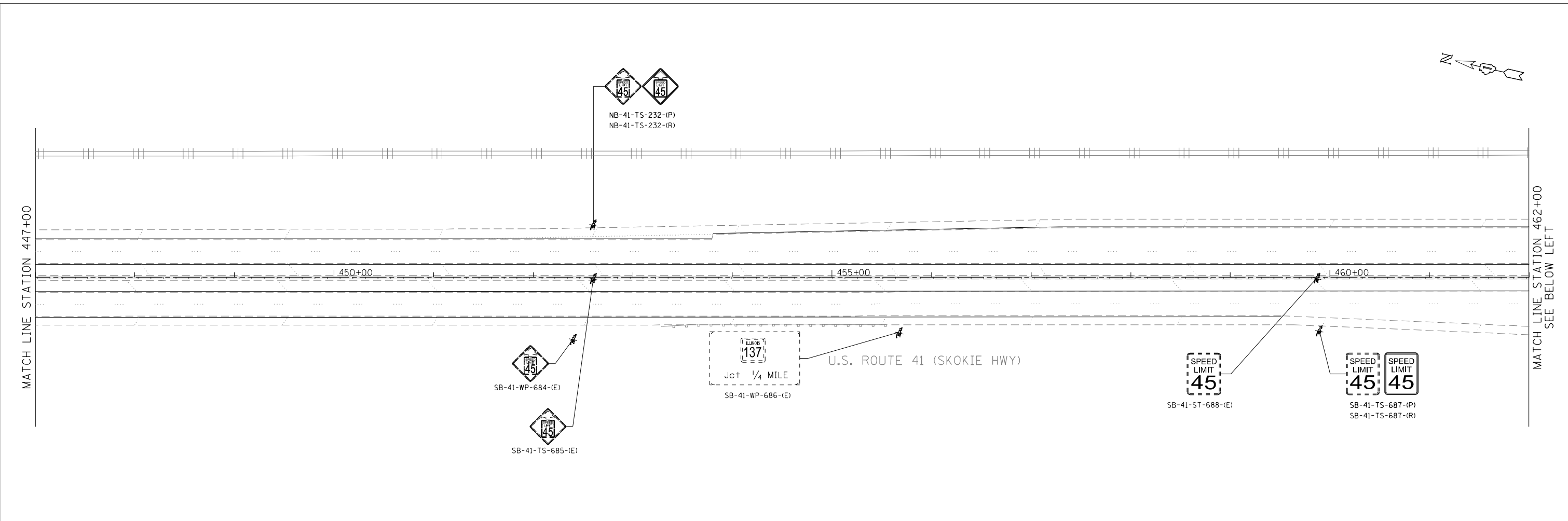
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 ROADWAY SIGNING PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	50
CONTRACT NO. 60W99			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT	

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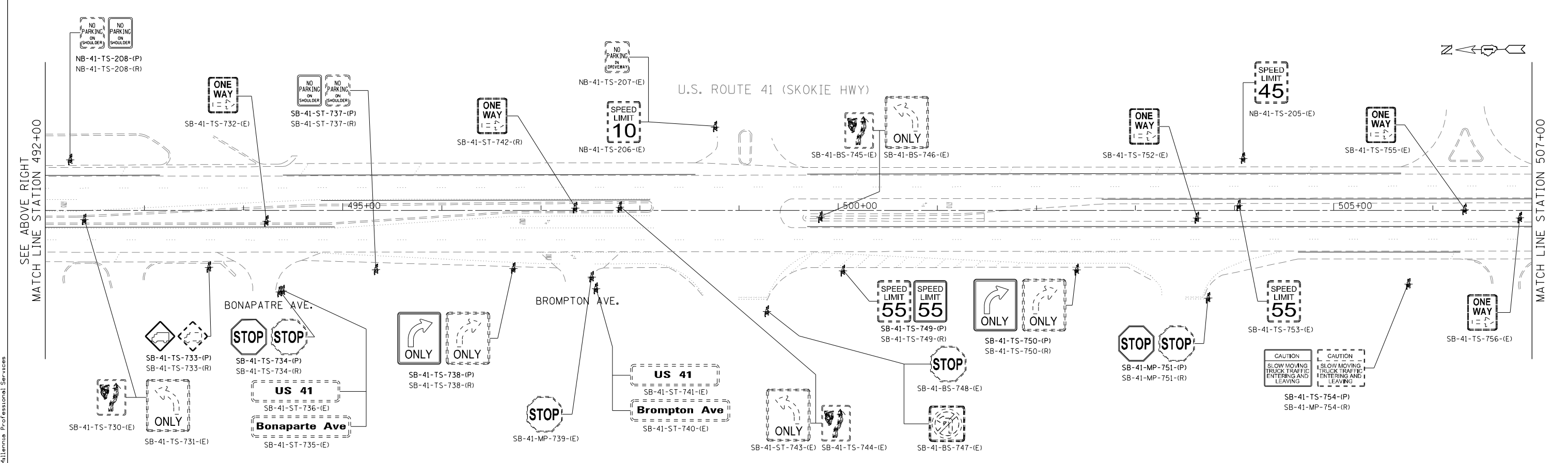
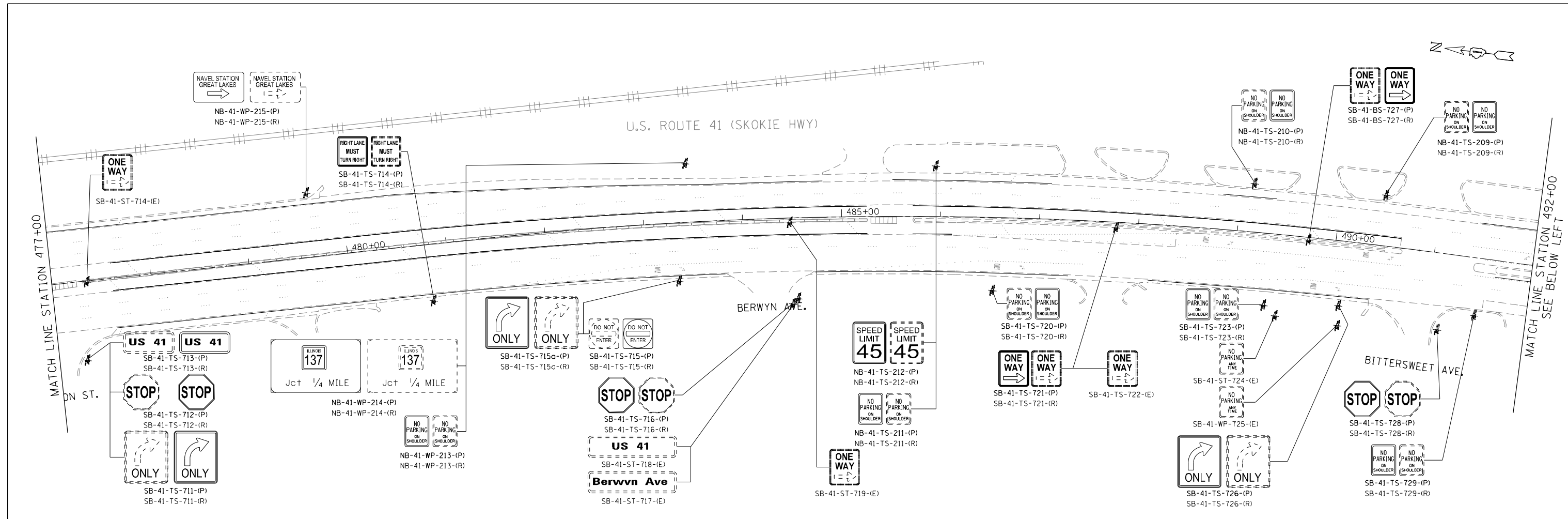
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DATE - 12/19/2014	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 ROADWAY SIGNING PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	51
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	



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 USER NAME = Millennium Professional Services


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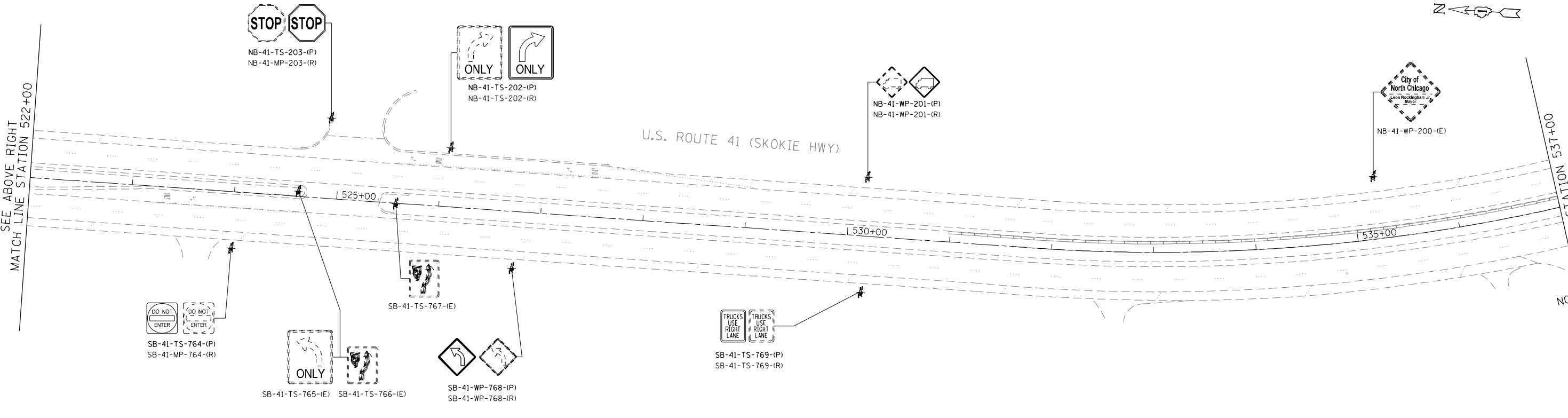
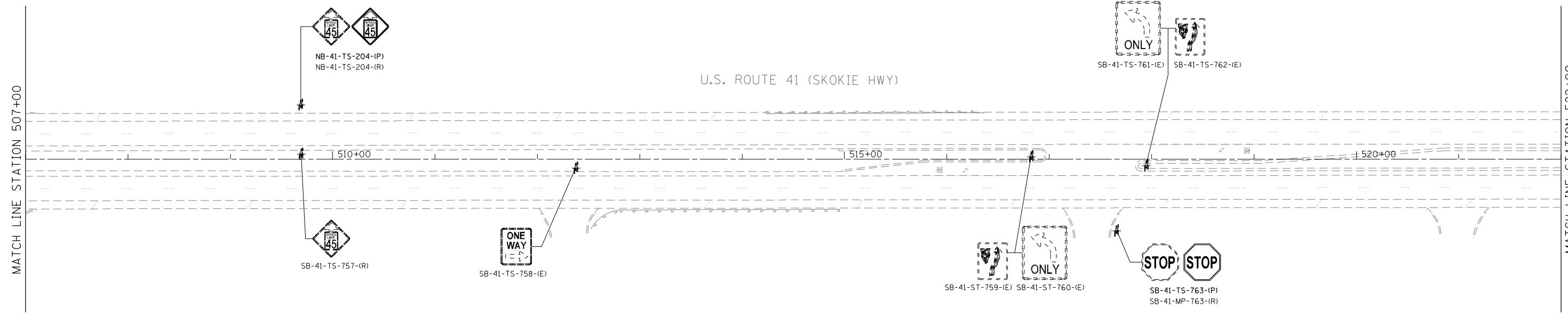
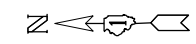
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DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	52
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60W99	



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 USER NAME = Millennia Professional Services

2600 Warrenville Road, Suite 203, Downers Grove, IL 60515
 630.785.0110 voice, 630.839.2566 fax
 www.mps-ill.com

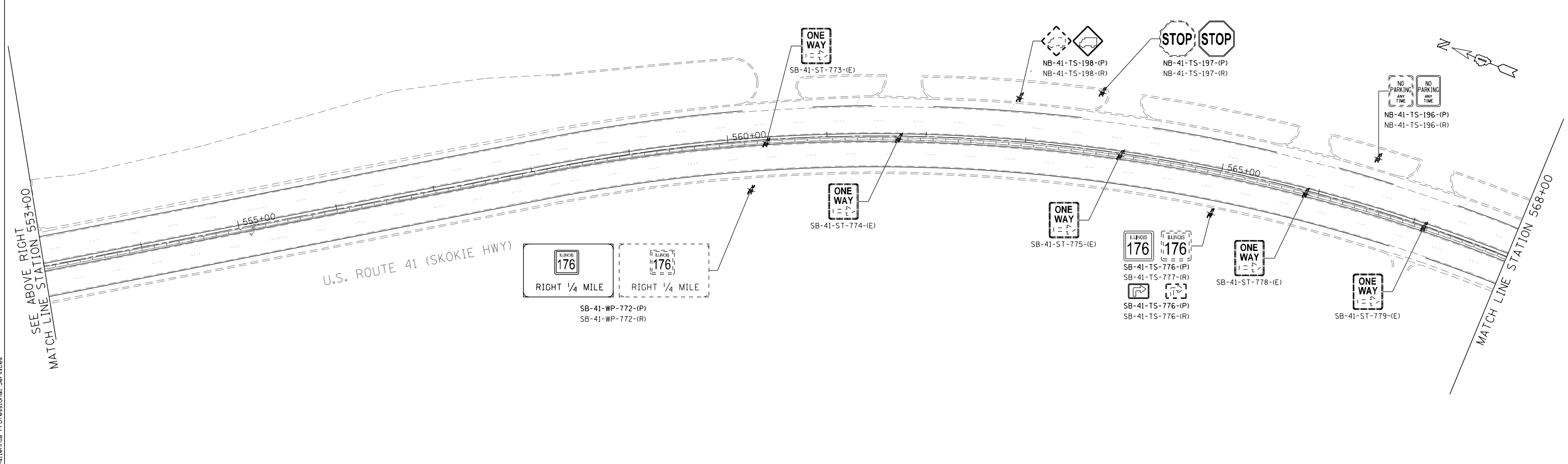
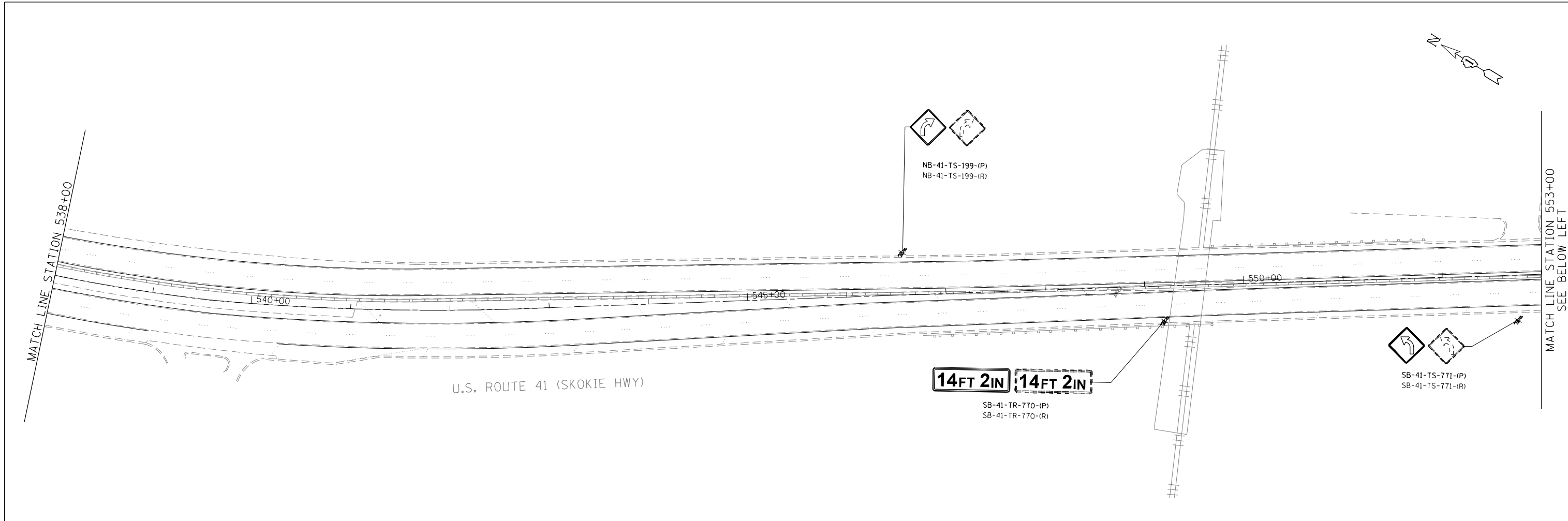
MILLENNIA PROFESSIONAL SERVICES

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DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US ROUTE 41 (SKOKIE HIGHWAY) ROADWAY SIGNING PLAN			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	53
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	



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 USER NAME = Millennia Professional Services



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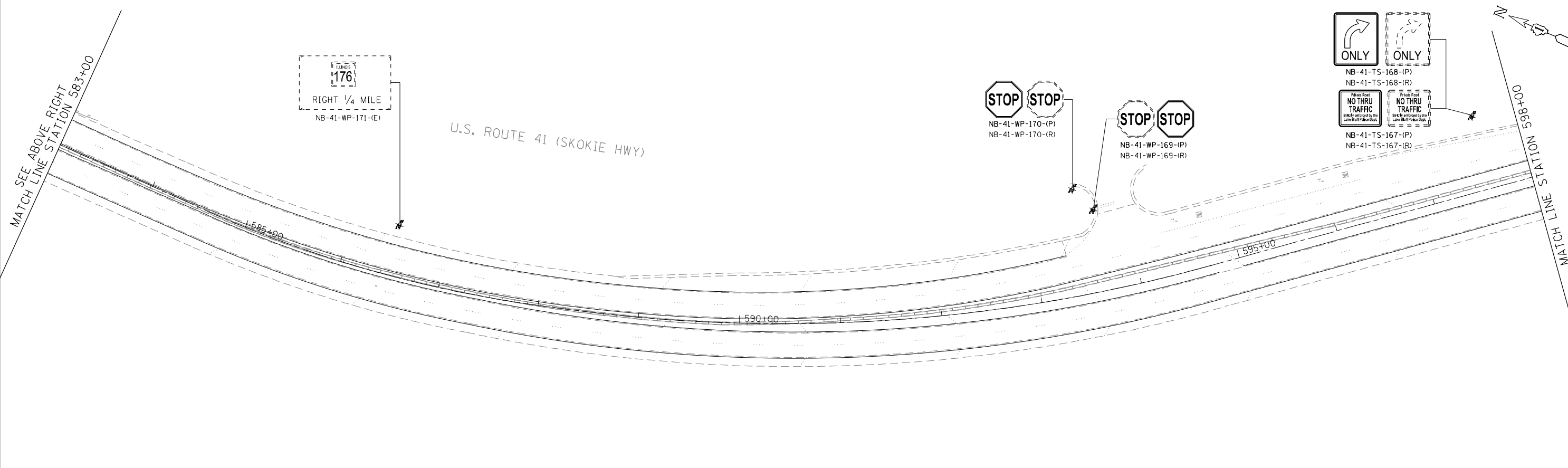
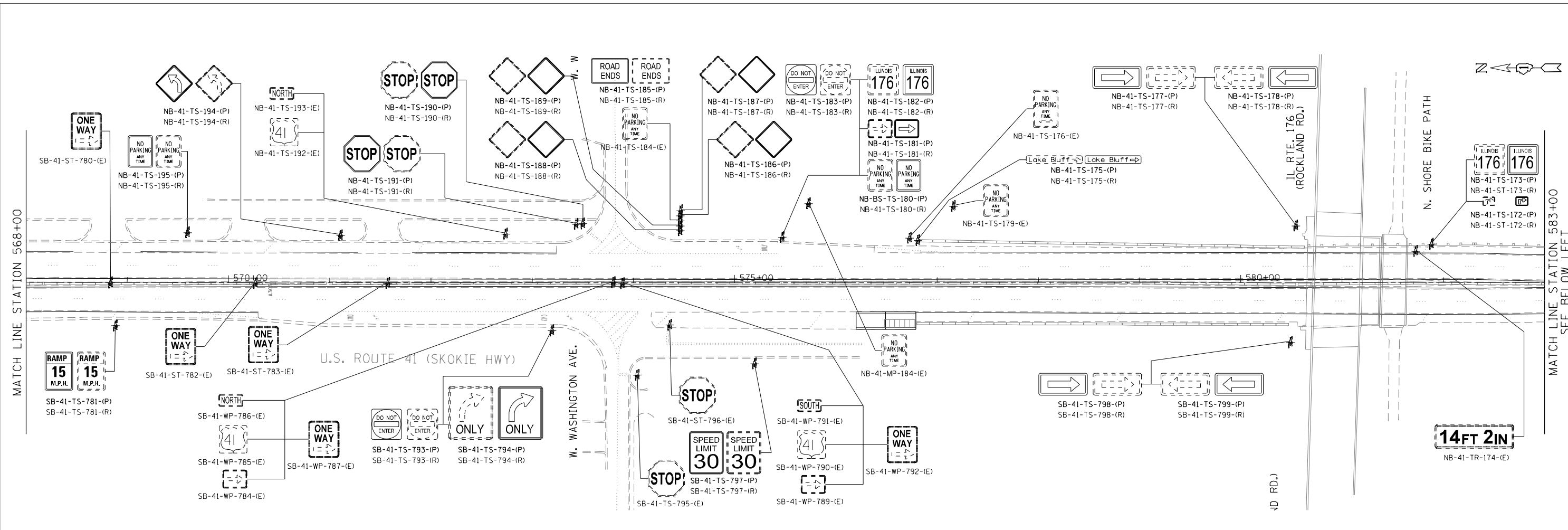
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CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)			
ROADWAY SIGNING PLAN			
SCALE: 1"=50'	SHEET NO. OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	54
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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 PLOT SCALE = 1/8" = 100.0000' / in.
 USER NAME = Millennium Professional Services

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MILLENNIA PROFESSIONAL SERVICES

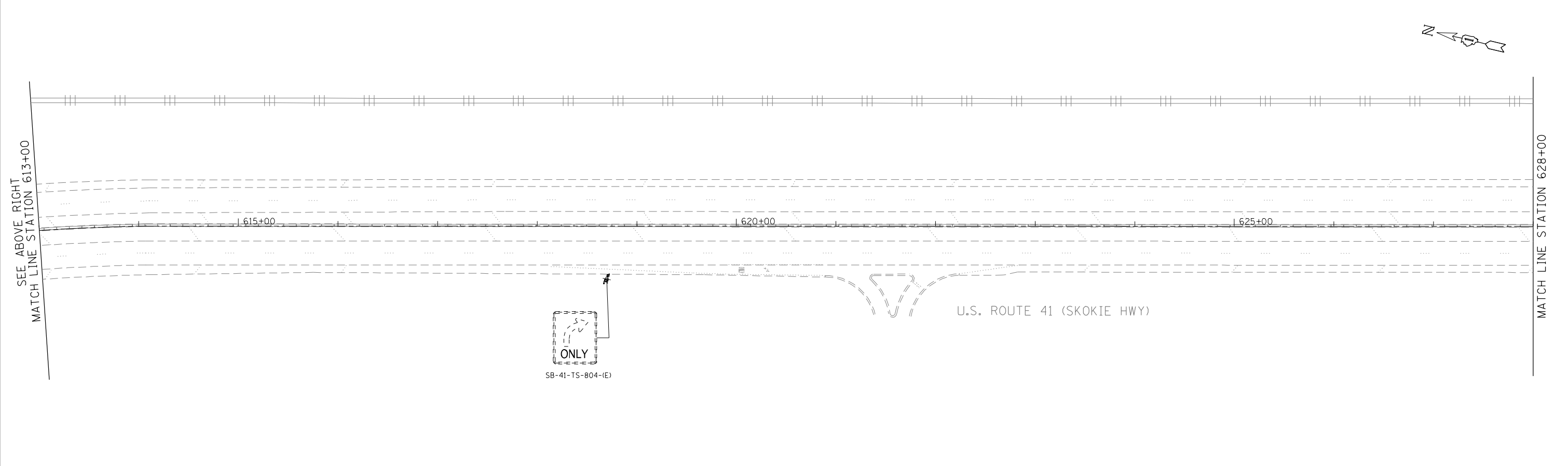
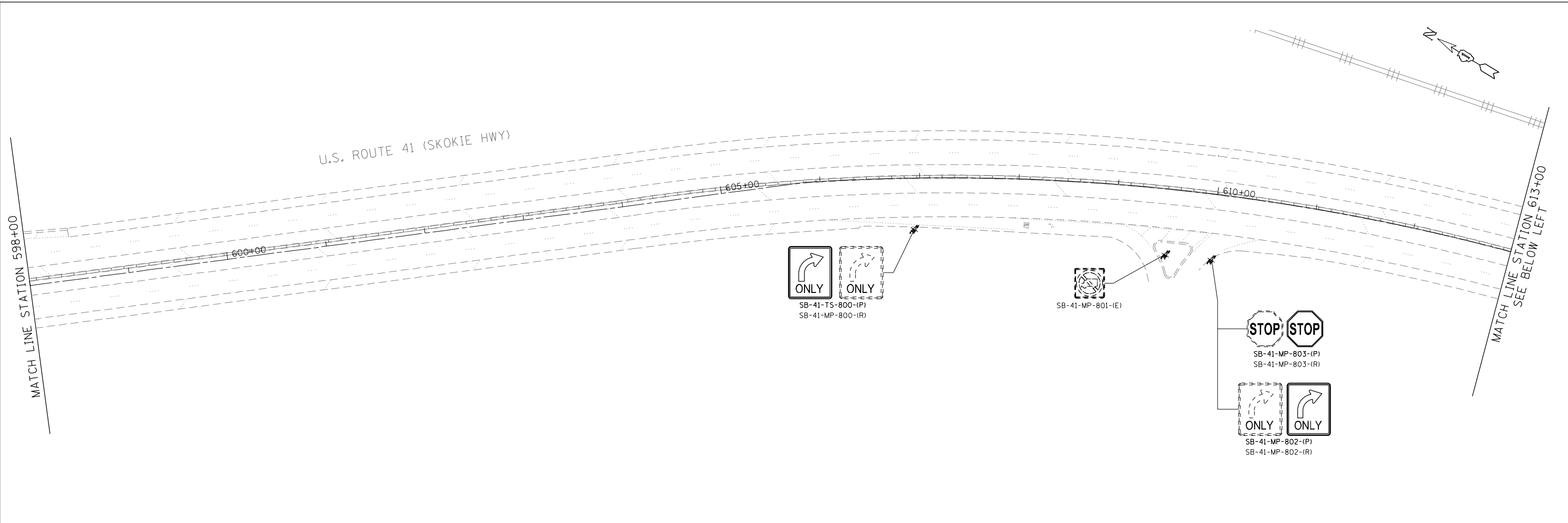
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CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	55
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	



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 USER NAME = Millennia Professional Services



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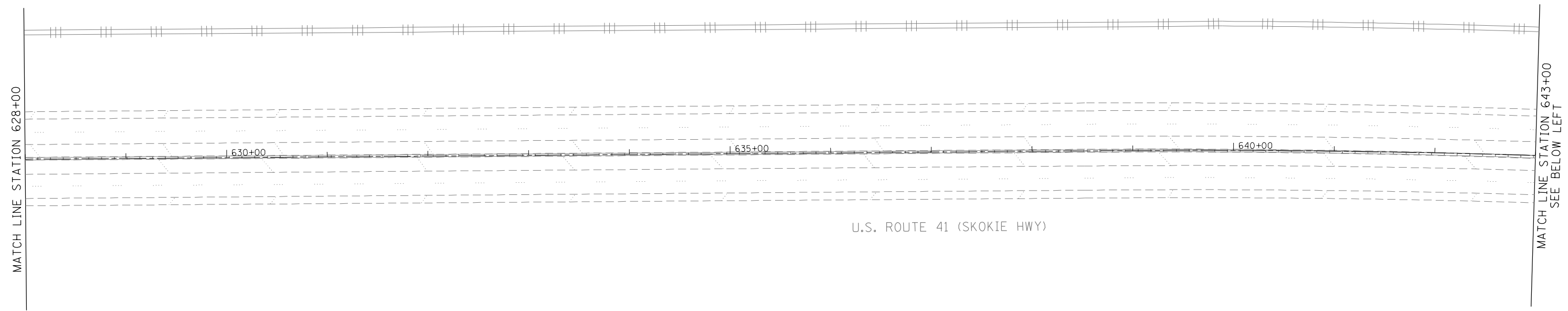
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DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)			
ROADWAY SIGNING PLAN			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	56
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

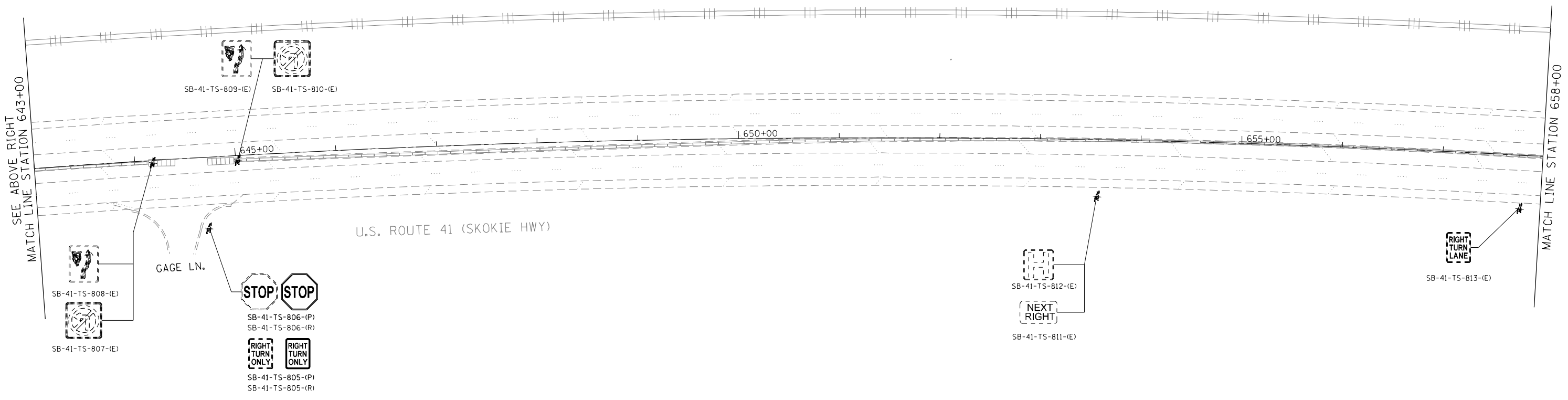
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U.S. ROUTE 41 (SKOKIE HWY)

MATCH LINE STATION 628+00

MATCH LINE STATION 643+00
SEE BELOW LEFT



U.S. ROUTE 41 (SKOKIE HWY)

SEE ABOVE RIGHT
MATCH LINE STATION 643+00

MATCH LINE STATION 658+00

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 PLOT SCALE = 1/8"=1'-0"
 USER NAME = Millennia Professional Services

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MILLENNIA PROFESSIONAL SERVICES

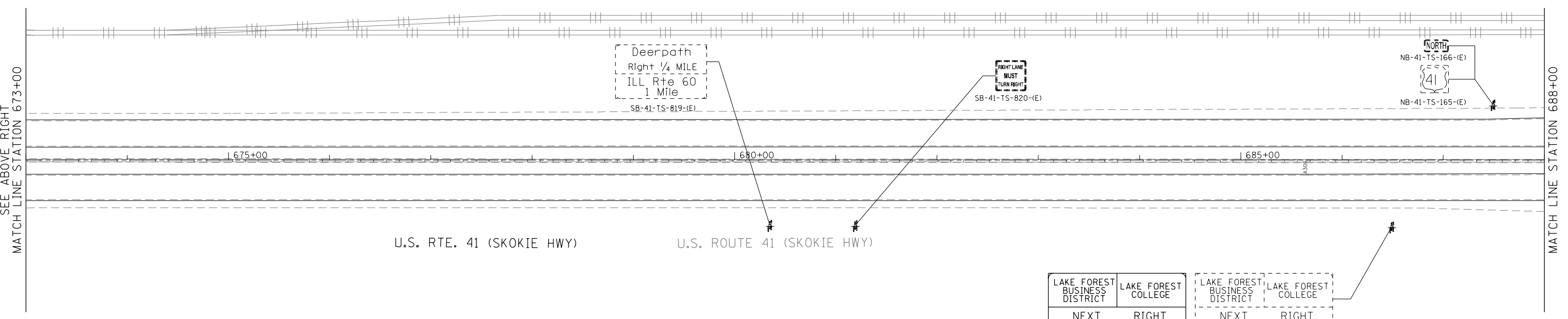
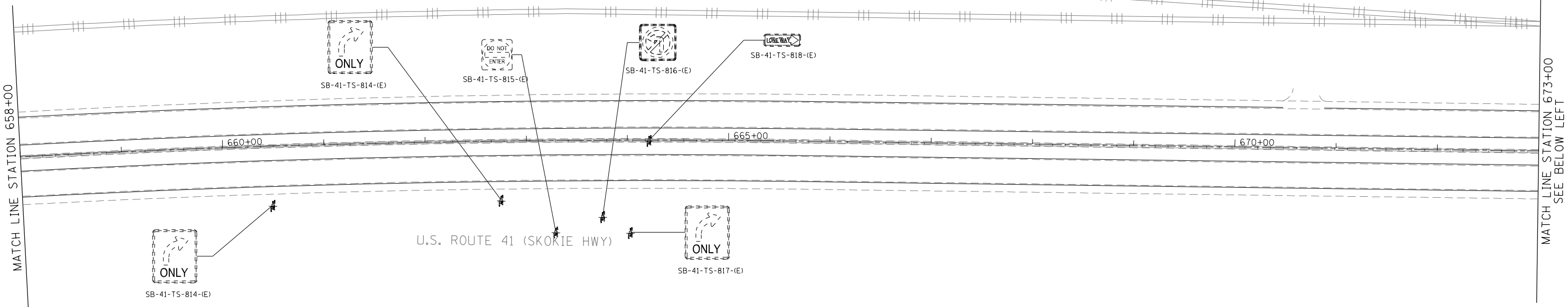
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DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 ROADWAY SIGNING PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	57
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60W99	



SB-41-WP-821-(P)
SB-41-WP-821-(R)

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 USER NAME = Millennia Professional Services

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DATE -	12/19/2014	REVISED -	

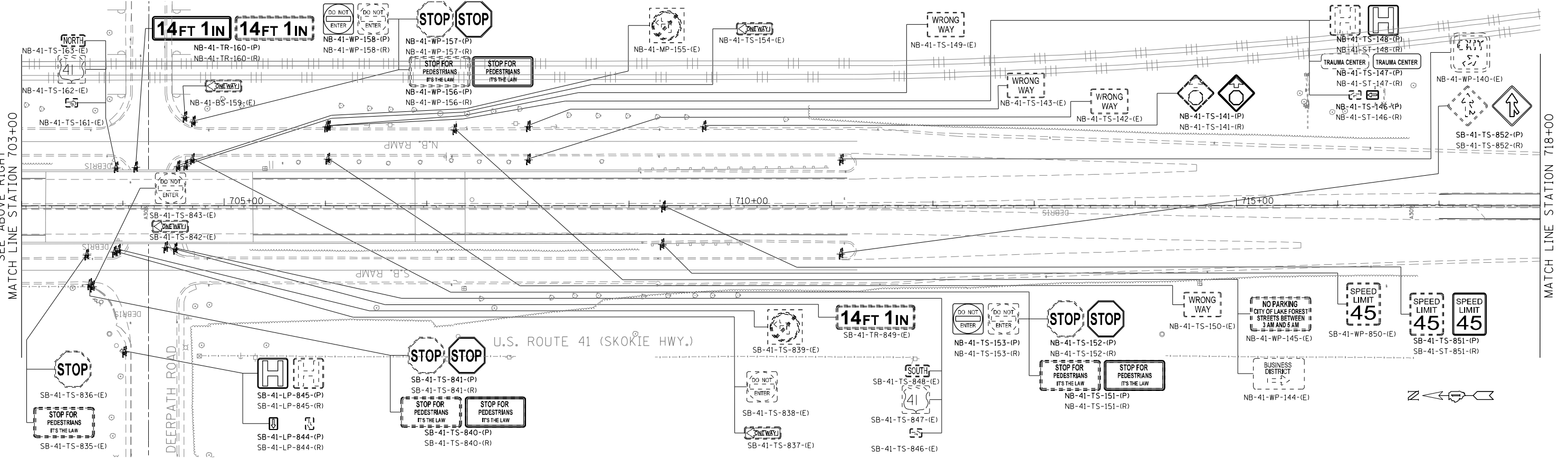
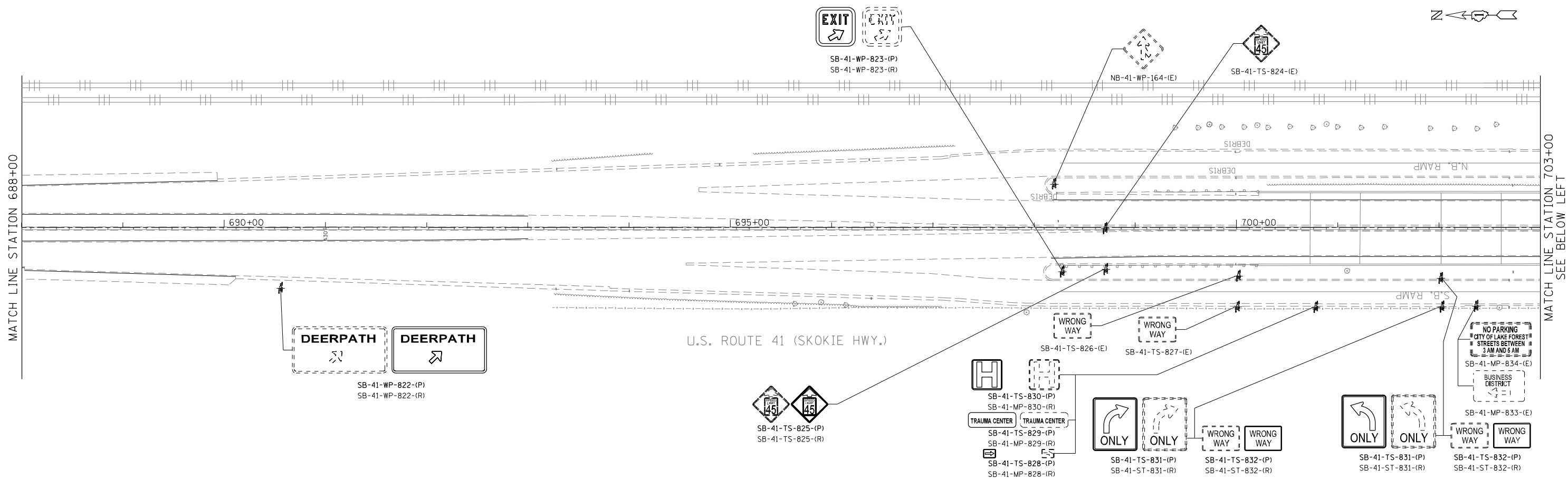
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	58
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60W99	

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 PLOT SCALE = 1/8"=50'
 USER NAME = Millennium Professional Services


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DATE -	12/19/2014	REVISED -	

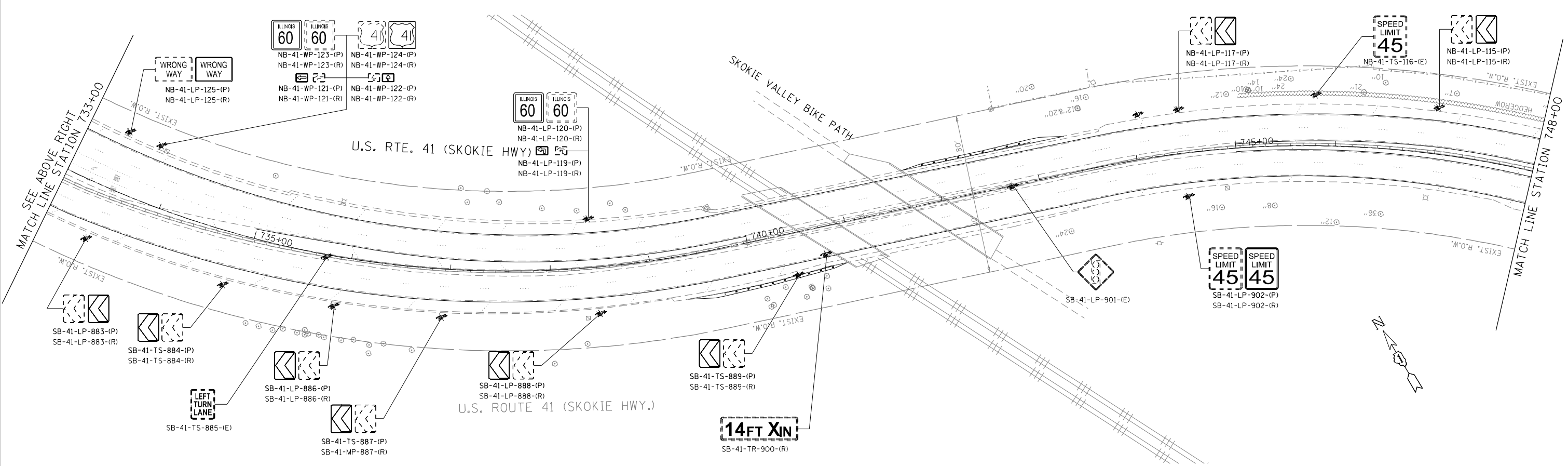
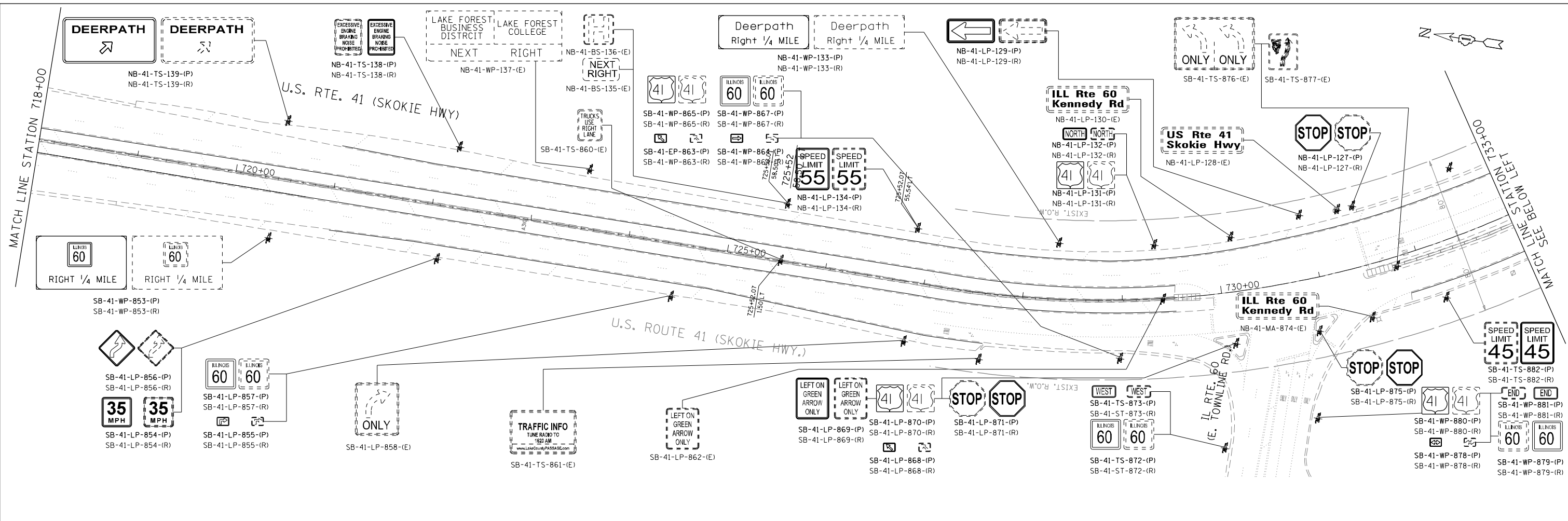
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	59
CONTRACT NO. 60W99				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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 USER NAME = Millennium Professional Services


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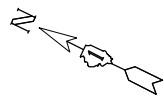
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CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	60
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60W99	

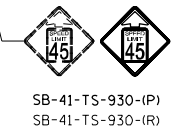
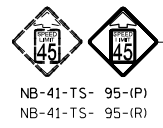
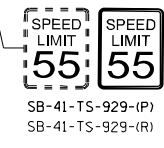


MATCH LINE STATION 778+00



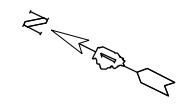
U.S. ROUTE 41 (SKOKIE HWY.)

780+00 785+00 790+00



SKOKIE VALLEY BIKE PATH

MATCH LINE STATION 793+00
SEE BELOW LEFT



SEE ABOVE RIGHT
MATCH LINE STATION 793+00

U.S. RTE. 41 (SKOKIE HWY)

795+00 800+00 805+00

U.S. ROUTE 41 (SKOKIE HWY.)

MATCH LINE STATION 808+00

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USER NAME = Millennium Professional Services

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DESIGNED -	MG	REVISED -	
DRAWN -	MG/TVN	REVISED -	
CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

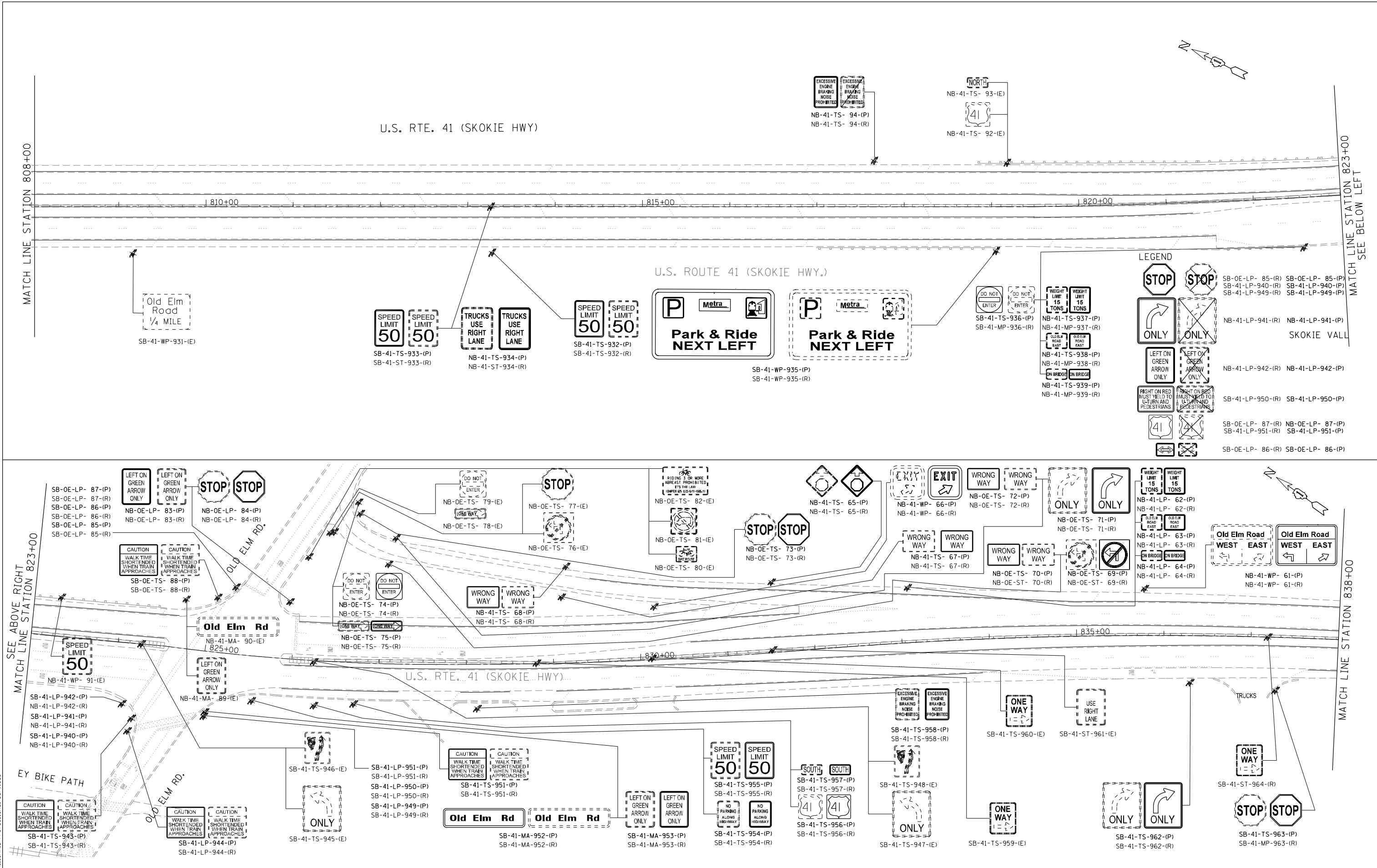
**US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	62
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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 USER NAME = Millennium Professional Services



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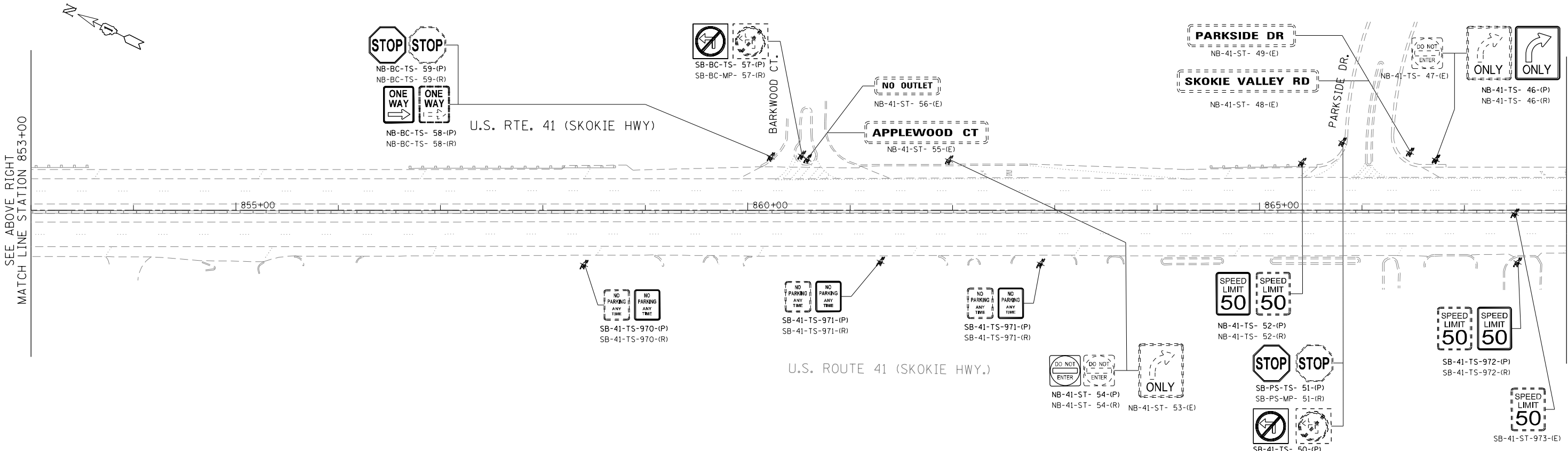
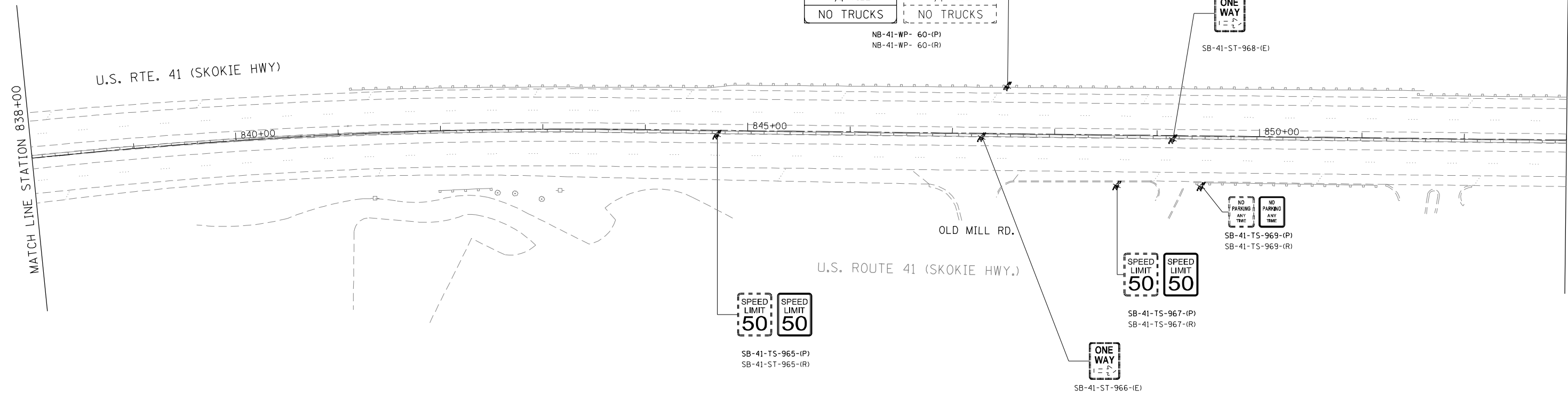
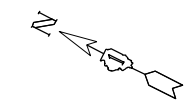
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 ROADWAY SIGNING PLAN**


SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2013-0531	COUNTY LAKE	TOTAL SHEETS 135	SHEET NO. 63
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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 USER NAME = Millennium Professional Services



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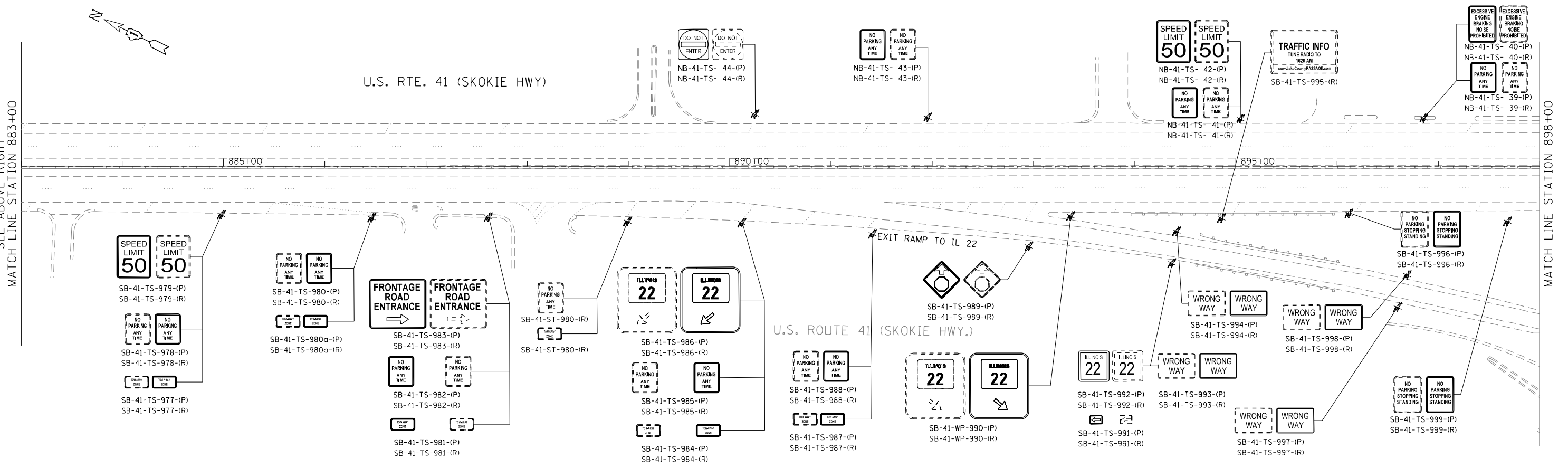
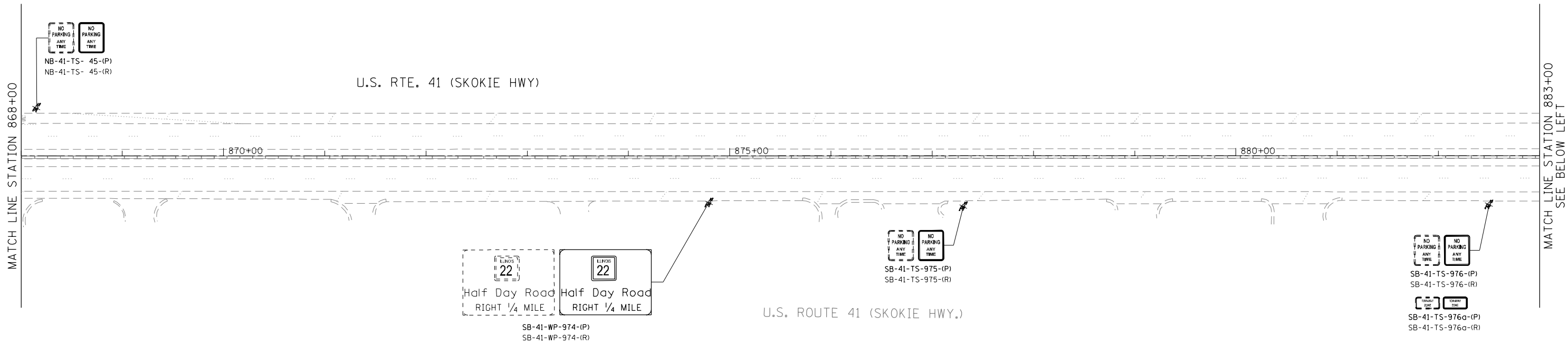
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DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	64
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	



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DRAWN -	MG/TVN	REVISED -	
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DATE -	12/19/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

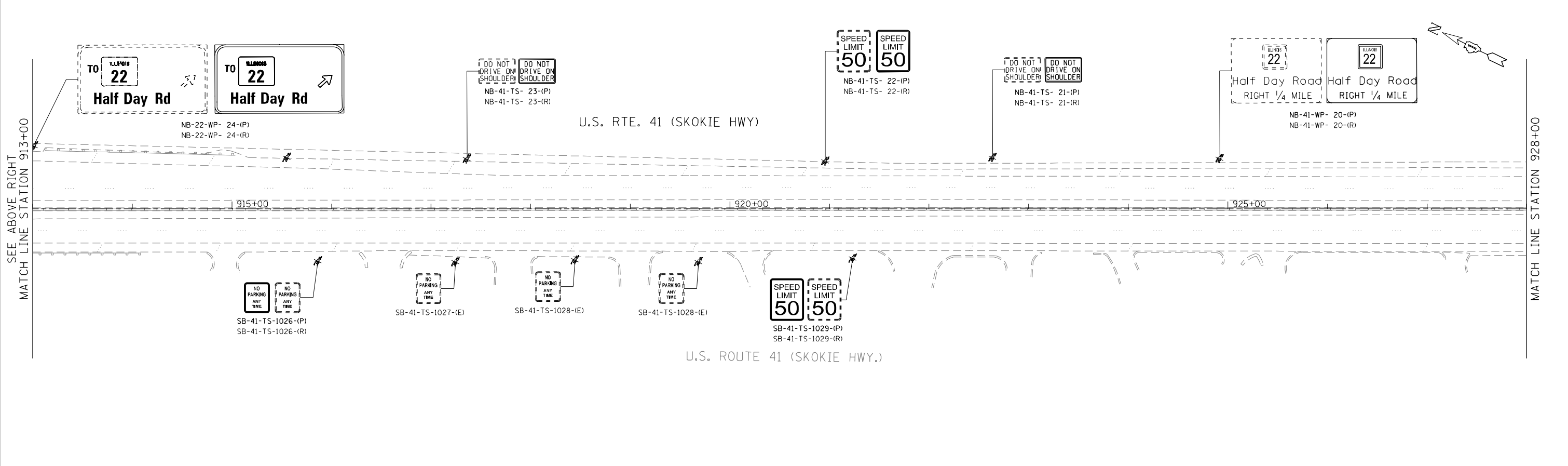
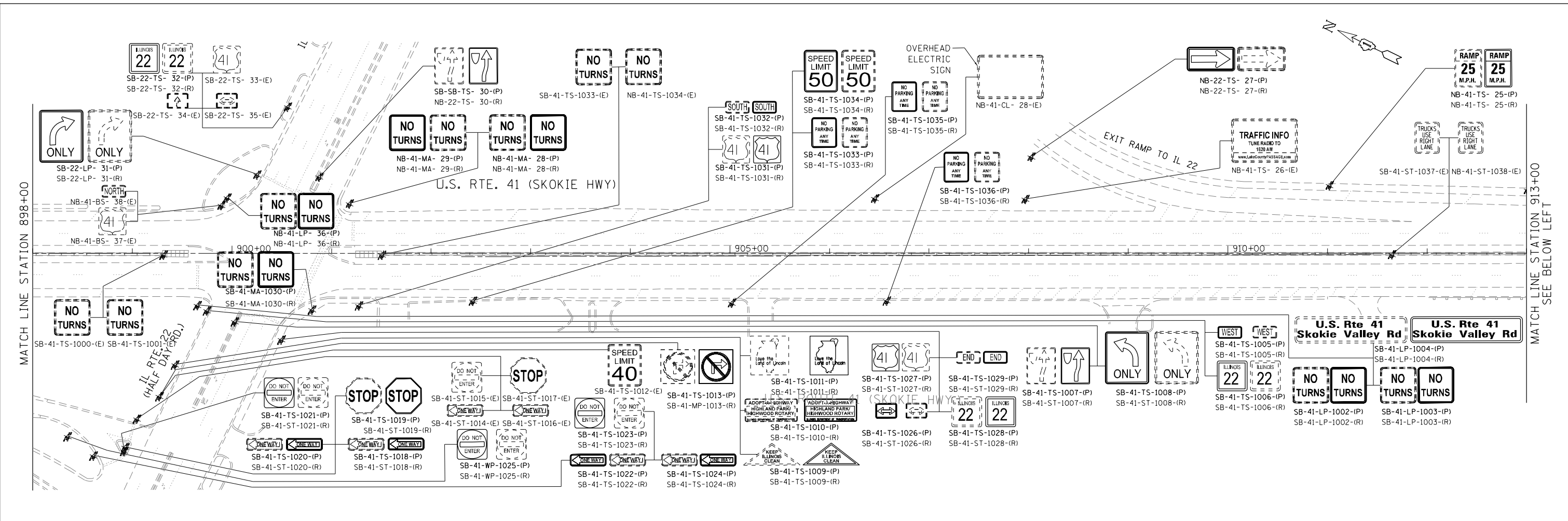
US ROUTE 41 (SKOKIE HIGHWAY)
ROADWAY SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	65
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60W99	

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 USER NAME = Millennium Professional Services



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DATE -	12/19/2014	REVISED -	

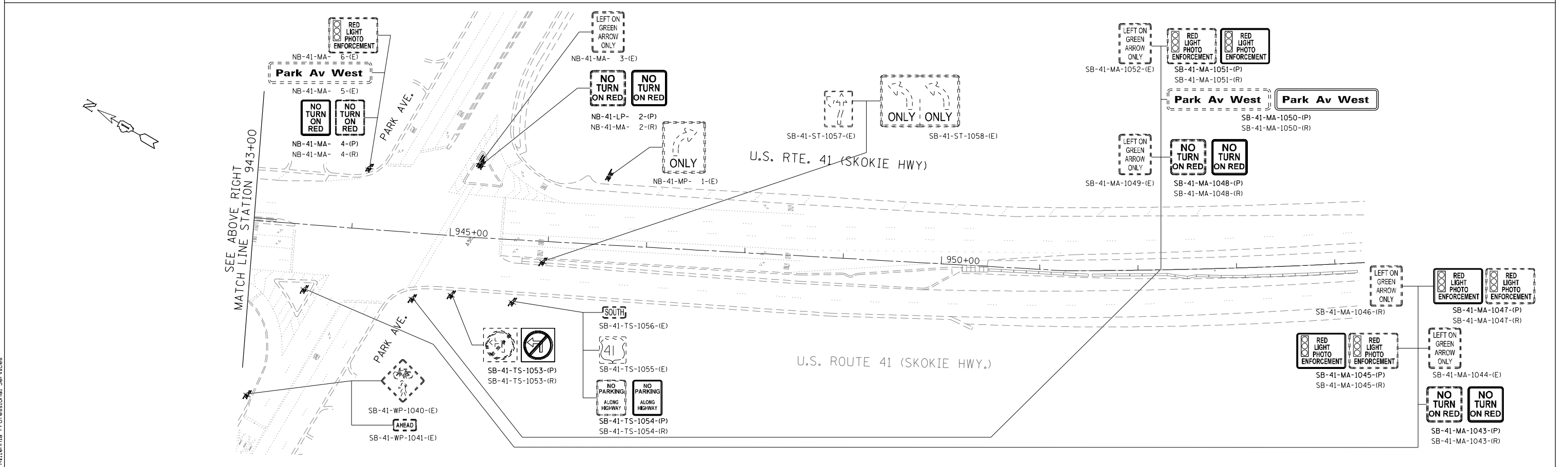
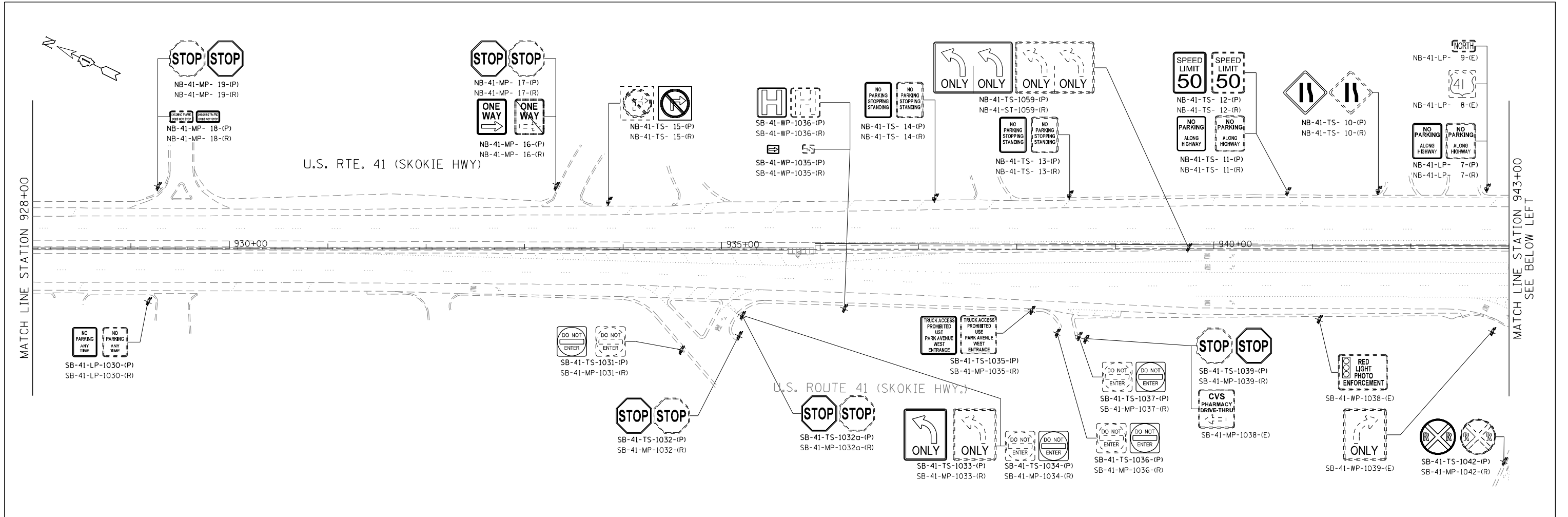
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 ROADWAY SIGNING PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	66
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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 USER NAME = Millennium Professional Services

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CHECKED -	TVN	REVISED -	
DATE -	12/19/2014	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 ROADWAY SIGNING PLAN**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	67
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

US ROUTE 41 SIGN SCHEDULES

SIGN PANELS																				SIGN SUPPORTS												
STATION	LT/RT	MUTCD NO./LSHS	SIGN NO.	LEGEND/DESCRIPTION	"AA" (L.F.)	"BB" (L.F.)	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		SIGN AREA (SQ FT)	72000100 SIGN PANEL - TYPE 1 (SQ FT)	72000200 SIGN PANEL - TYPE 2 (SQ FT)	72000300 SIGN PANEL - TYPE 3 (SQ FT)	72400310 REMOVE SIGN PANEL - TYPE 1 (SQ FT)	72400100 REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	72400320 REMOVE SIGN PANEL - TYPE 2 (SQ FT)	72400200 REMOVE SIGN PANEL ASSEMBLY - TYPE B (EACH)	72400330 REMOVE SIGN PANEL - TYPE 3 (SQ FT)	73700100 REMOVE GROUND MOUNTED SIGN SUPPORT (EACH)	72800100 - TELESCOPING STEEL SIGN SUPPORT			73000100 WOOD SIGN SUPPORT								
							HEIGHT (L.F.)	WIDTH (L.F.)	HEIGHT (L.F.)	WIDTH (L.F.)											P1 (L.F.)	P2 (L.F.)	PAY LENGT H (L.F.)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)						
422+15.3	51.4 LT	M1-4	NB-41-WP-415	U.S. Route Sign (2 Digits) 41			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
423+78.1	111.6 RT	M1-5	NB-41-TS-425	State Route Sign (2 Digits) 21			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
423+78.1	111.6 RT	M3-1	NB-41-TS-426	Cardinal Direction (North)			1.5	3	1.5	3	4.5	4.5	-	-	4.5	1	-	-	-	-												
425+31.4	60.1 RT	R5-1	SB-41-TS-442	Do Not Enter			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
425+31.4	60.1 RT	R1-1	SB-41-TS-443	Stop			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-												
425+59.9	52.3 RT	M1-4	SB-41-TS-444	U.S. Route Sign (2 Digits) 41			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
425+59.9	52.3 RT	M3-3	SB-41-TS-445	Cardinal Direction (North)			1.5	3	1.5	3	4.5	4.5	-	-	4.5	1	-	-	-	-	7		7									
426+94.2	52.5 RT	R2-1	SB-41-TS-446	Speed Limit (45)			2.5	3	2.5	3	7.5	7.5	-	-	7.5	1	-	-	-	-												
454+84.3	52.7 RT	W1-2	SB-41-TS-459	Horizontal Alignment			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
459+25.7	50.0 RT	W1-8	SB-41-TS-460	Chevron Alignment (Right)			1.5	2	1.5	2	3	3.0	-	-	3.0	1	-	-	-	-	7		7									
460+99.2	46.0 RT	I-3	SB-41-TS-464	Geographical Features (Des Plaines River and Trail)			2	3	2	3	6	6.0	-	-	6.0	1	-	-	-	-	7		7									
173+11.2	90.8 RT	R6-3	SB-41-TS-476	Divided Highway Crossing			2	2.5	2	2.5	5	5.0	-	-	5.0	1	-	-	-	-												
173+11.2	90.8 RT	W4-I100	SB-41-TS-477	Cross Traffic Does Not Stop			1.5	3	1.5	3	4.5	4.5	-	-	4.5	1	-	-	-	-												
173+11.2	90.8 RT	R1-1	SB-41-TS-478	Stop			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
179+80.1	37.0 RT	D1-2	SB-41-TS-480	Destination (2 Lines (Deport RD, St Paul Ave)			1.5	4.5	1.5	4.5	6.75	6.8	-	-	6.8	1	-	-	-	-												
179+80.1	37.0 RT	W2-1	SB-41-TS-481	Intersection Warning			2.5	2.5	2.5	2.5	6.25	6.3	-	-	6.3	1	-	-	-	-	8		8									
183+99.5	46.6 RT	R5-1	SB-41-WP-486	Do Not Enter			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-				11		11						
184+24.4	59.0 RT	D3-1	SB-41-TS-487	Street Sign (Depot Rdd)			1.5	2.5	1.5	2.5	3.75	3.8	-	-	3.8	1	-	-	-	-	7		7									
184+24.4	59.0 RT	D3-1	SB-41-TS-487	Street Sign (Depot Rdd)			1.5	2.5	1.5	2.5	3.75	3.8	-	-	3.8	1	-	-	-	-												
185+03.7	66.1 RT	R6-3	SB-41-TS-489	Divided Highway Crossing			2	2.5	2	2.5	5	5.0	-	-	5.0	1	-	-	-	-												
185+03.7	66.1 RT	R1-1	SB-41-TS-490	Stop			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
186+79.2	54.2 RT	D1-2a	SB-41-TS-491	Destination and Distance (2 Lines) (Delany Rd, 1/4 Mile)			4.5	12	4.5	12	54	-	-	54.0	-	-	-	-	54	10	10	19										
187+90.4	52.9 RT	R2-1	SB-41-TS-494	Speed Limit (45)			3	2.5	3	2.5	7.5	7.5	-	-	7.5	1	-	-	-	-	8		8									
192+20.0	53.5 RT		SB-41-TS-1060	Share The Ride			4	5	4	5	20	-	20.0	-	-	-	-	1	-	-	9		9									
205+48.5	54.4 RT	R3-5	SB-41-TS-519	Mandatory Movement Lane Control (Right Turn Only)			3	2.5	3	2.5	7.5	7.5	-	-	7.5	1	-	-	-	-	8		8									
207+52.4	55.4 RT	R1-1	SB-41-TS-520	Stop			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
207+55.1	56.5 RT	R3-5	SB-41-TS-521	Mandatory Movement Lane Control (Right Turn Only)			3	2.5	3	2.5	7.5	7.5	-	-	7.5	1	-	-	-	-	8		8									
212+33.2	58.9 RT	R3-4	SB-41-TS-529	Movement Prohibition (No U Turn)			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
212+33.2	58.9 RT	D3-1	SB-41-TS-530	Street Sign (Ferndale St)			1.5	3.5	1.5	3.5	5.25	5.3	-	-	5.3	1	-	-	-	-												
212+49.9	78.1 RT		SB-41-TS-532	No Parking Any Time			2	1.5	2	1.5	3	3.0	-	-	3.0	1	-	-	-	-	7		7									
212+49.9	78.1 RT	R5-2	SB-41-TS-533	No Trucks			2	2	2	2	4	4.0	-	-	4.0	1	-	-	-	-												
213+03.9	68.4 RT	R6-3	SB-41-TS-534	Divided Highway Crossing			2	2.5	2	2.5	5	5.0	-	-	5.0	1	-	-	-	-												
213+03.9	68.4 RT	R1-1	SB-41-TS-535	Stop			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
213+17.8	75.0 RT	R3-4	SB-41-TS-536	Movement Prohibition (No U Turn)			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
237+01.8	141.5 RT	M1-4	SB-41-LP-563	U.S. Route Sign (2 Digits) 41			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-												
237+01.8	141.5 RT	M3-3	SB-41-LP-564	Cardinal Direction (South)			1.5	3	1.5	3	4.5	4.5	-	-	4.5	1	-	-	-	-												
249+92.8	75.4 RT	R2-1	SB-41-LP-572	Speed Limit (45)			3	2.5	3	2.5	7.5	7.5	-	-	7.5	1	-	-	-	-												
262+63.2	60.9 RT	D3-2	NB-41-WP-293	Advance Street Name (2 Lines) (Washington Street, 1/4 Mile)			5.5	15.5	5.5	15.5	85.25	-	-	85.3	-	-	-	-	85.25				16	16	32							
263+82.4	111.5 RT	OM4-3	SB-41-TS-574	Object Marker (End Of Roadway)			1.5	1.5	1.5	1.5	2.25	2.3	-	-	2.3	1	-	-	-	-	7		7									
263+82.6	104.9 RT	R11-I100	SB-41-TS-575	Road Ends			3	2.5	3	2.5	7.5	7.5	-	-	7.5	1	-	-	-	-	8		8									
263+82.6	104.9 RT	OM4-3	SB-41-TS-576	Object Marker (End Of Roadway)			1.5	1.5	1.5	1.5	2.25	2.3	-	-	2.3	1	-	-	-	-												
263+81.7	97.5 RT	OM4-3	SB-41-TS-577a	Object Marker (End Of Roadway)			1.5	1.5	1.5	1.5	2.25	2.3	-	-	2.3	1	-	-	-	-	7		7									
263+95.9	53.0 RT	R2-1	SB-41-TS-577a	Speed Limit (55)			3	2.5	3	2.5	7.5	7.5	-	-	7.5	1	-	-	-	-	8		8									
265+67.9	80.0 RT	W14-1	SB-41-TS-579	Dead End			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
265+59.3	128.4 RT	W14-1	SB-41-TS-580	Dead End			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
273+06.2	50.0 RT	W1-10b	SB-41-TS-584	Combination Horizontal Alignment/Intersection			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
276+45.0	68.9 RT	D3-2	SB-41-WP-586	Advance St Name (2 Lines) (Washington Street Next Right)			5.5	15	5.5	15	82.5	-	-	82.5	-	-	-	-	82.5				16	16	32							
281+57.8	8.5 LT	W3-5	SB-41-TS-587	Reduced Speed Limit Ahead (45)			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
283+02.8	67.3 RT	E5-1	SB-41-WP-588	Exit Gore (no exit number)			6	5	6	5	30	-	-	30.0	-	-	-	-	30				17		17							
288+02.2	60.6 RT	R2-1	SB-41-TS-590	Speed Limit (55)			3	2.5	3	2.5	7.5	7.5	-	-	7.5	1	-	-	-	-	8		8									
289+82.9	89.0 RT	W1-4	SB-41-TS-592	Horizontal Alignment			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8		8									
291+02.0	152.3 RT		SB-41-TS-593	No Parking Between Signs			1.5	1	1.5	1	1.5	1.5	-	-	1.5	1	-	-	-	-												
291+02.0	152.3 RT		SB-41-TS-594	Snow Route No Parking, Tow Away Zone			1.5	1	1.5	1	1.5	1.5	-	-	1.5	1	-	-	-	-												
TOTALS													141.5	180	141.5	180	587.3	315.5	20.0	251.8	315.5	48	0	1	251.75	0	249	9.5	258	60	32	92

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 PLOT SCALE = 100.0000 / in.
 USER NAME = Millennia Professional Services



2600 Warrenville Road, Suite 203, Downers Grove, IL 60515
 630.785.0110 voice, 630.839.2566 fax
 www.mps-ill.com
MILLENNIA PROFESSIONAL SERVICES

DESIGNED - MG	REVISED -
DRAWN - MG/TVN	REVISED -
CHECKED - TVN	REVISED -
DATE - 12/19/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
SIGNING SCHEDULE**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2013-0531	COUNTY LAKE	TOTAL SHEETS 135	SHEET NO. 73
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

P:\2014\ME14027_Ver-Var-PhI\W01.US41.Delany\CADD\Shets\160W99-sh-t-Signschedule.dgn

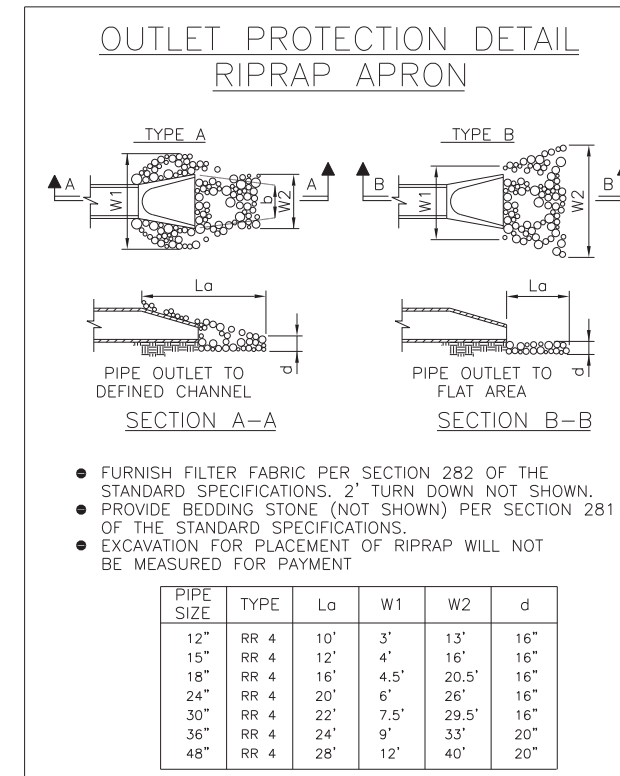
US ROUTE 41 SIGN SCHEDULES

SIGN PANELS																				SIGN SUPPORTS										
STATION	LT/RT	MUTCD NO./LSHS	SIGN NO.	LEGEND/DESCRIPTION	"AA" (L.F.)	"BB" (L.F.)	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		SIGN AREA (SQ FT)	72000100 SIGN PANEL - TYPE 1 (SQ FT)	72000200 SIGN PANEL - TYPE 2 (SQ FT)	72000300 SIGN PANEL - TYPE 3 (SQ FT)	72400310 REMOVE SIGN PANEL - TYPE 1 (SQ FT)	72400100 REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	72400320 REMOVE SIGN PANEL - TYPE 2 (SQ FT)	72400200 REMOVE SIGN PANEL ASSEMBLY - TYPE B (EACH)	72400330 REMOVE SIGN PANEL - TYPE 3 (SQ FT)	73700100 REMOVE GROUND MOUNTED SIGN SUPPORT (EACH)	72800100 - TELESCOPING STEEL SIGN SUPPORT			73000100 WOOD SIGN SUPPORT						
							HEIGHT (L.F.)	WIDTH (L.F.)	HEIGHT (L.F.)	WIDTH (L.F.)											P1 (L.F.)	P2 (L.F.)	PAY LENGT H (L.F.)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)				
899+65.8	51.8 RT	R3-3	SB-41-LP-1003	No Turns			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
899+65.8	51.8 RT		SB-41-LP-1004	U.S. Rte 4, Skokie Valley Rd			1.5	5	1.5	5	7.5	7.5	-	-	7.5	1	-	-	-	-										
899+75.4	57.3 RT	M1-5	SB-41-TS-1006	State Route Sign (Illinois 22)			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
899+75.4	57.3 RT	M3-4	SB-41-TS-1005	Cardinal Direction (West)			1.5	3	1.5	3	4.5	4.5	-	-	4.5	1	-	-	-	-										
900+03.3	68.2 RT	R4-7c	SB-41-TS-1007	Narroww Keep Right			2.5	2	2.5	2	5	5.0	-	-	5.0	1	-	-	-	-	8	8								
900+03.3	68.2 RT	R3-5	SB-22-LP-31	Mandatory Movement Lane Control Left Turn Only			2.5	3	2.5	3	7.5	7.5	-	-	7.5	1	-	-	-	-	8	8								
899+43.4	111.5 RT	sb-41-ts-1009	sb-41-ts-1009	Keep Illinois Clean			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
899+43.4	111.5 RT	II-H107b	SB-41-TS-1010	Adopt-A-Highway Highland Park/Highwood Rotary			1.5	2.5	1.5	2.5	3.75	3.8	-	-	3.8	1	-	-	-	-	7	7								
899+43.4	111.5 RT	II-H107a	SB-41-TS-1001	Love The Land Of Lincoln			3	2.5	3	2.5	7.5	7.5	-	-	7.5	1	-	-	-	-	8	8								
899+27.6	143.3 RT	R3-1	SB-41-TS-1013	Movement Prohibition (Right Turn)			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
898+93.2	194.4 RT	R1-1	SB-41-TS-1019	Stop Sign			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
898+93.2	194.4 RT	R6-1	SB-41-TS-1018	One Way			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
898+93.2	194.4 RT	R6-1	SB-41-BS-1020	One Way			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
898+92.2	198.3 RT	R5-1	SB-41-TS-1021	Do Not Enter			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
898+61.4	202.9 RT	R6-1	SB-41-TS-1022	One Way			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
898+61.4	202.9 RT	R5-1	SB-41-TS-1023	Do Not Enter			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
898+61.4	202.9 RT	R6-1	SB-41-TS-1024	One Way			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
898+35.4	183.6 RT	R5-1	SB-41-WP-1025	Do Not Enter			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-			11		11					
900+50.1	86.4 RT	M6-4	SB-41-TS-1026	Directional Arrow (Both Ways)			2.5	1.75	2.5	1.75	4.375	4.4	-	-	4.4	1	-	-	-	-										
900+50.1	86.4 RT	M1-4	SB-41-TS-1027	U.S. Route Sign (2 Digits) 41			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
900+50.1	86.4 RT	M1-5	SB-41-TS-1028	State Route Sign (Illinois 22)			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
900+50.1	86.4 RT	M4-6	SB-41-TS-1029	End			1.5	3	1.5	3	4.5	4.5	-	-	4.5	1	-	-	-	-										
900+80.9	56.3 RT	R3-3	SB-41-MA-1030	No Turns			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
901+28.0	52.1 RT	M1-4	SB-41-TS-1031	U.S. Route Sign (2 Digits) 41			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
901+28.0	52.1 RT	M3-3	SB-41-TS-1032	Cardinal Direction (South)			1.5	3	1.5	3	4.5	4.5	-	-	4.5	1	-	-	-	-										
902+42.4	47.4 RT	R2-1	SB-41-TS-1034	Speed Limit (50)			2.5	2	2.5	2	5	5.0	-	-	5.0	1	-	-	-	-	8	8								
902+42.4	47.4 RT	R7-1	SB-41-TS-1033	No Parking Any Time			1	1.5	1	1.5	1.5	1.5	-	-	1.5	1	-	-	-	-										
905+02.4	49.4 RT	R7-1	SB-41-TS-1035	No Parking Any Time			1	1.5	1	1.5	1.5	1.5	-	-	1.5	1	-	-	-	-	6	6								
906+57.9	47.4 RT	R7-1	SB-41-TS-1036	No Parking Any Time			1	1.5	1	1.5	1.5	1.5	-	-	1.5	1	-	-	-	-	6	6								
915+86.5	51.6 RT	R7-1	SB-41-TS-1026	No Parking Any Time			1	1.5	1	1.5	1.5	1.5	-	-	1.5	1	-	-	-	-	6	6								
921+23.5	48.9 RT	R2-1	SB-41-1029	Speed Limit (50)			2.5	2	2.5	2	5	5.0	-	-	5.0	1	-	-	-	-	8	8								
929+17.6	53.5 RT	R7-1	SB-41-LP-1030	No Parking Any Time			1	1.5	1	1.5	1.5	1.5	-	-	1.5	1	-	-	-	-										
934+58.9	102.0 RT	R5-1	SB-41-TS-1031	Do Not Enter			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
935+17.8	87.2 RT	R1-1	SB-41-TS-1032	Stop			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
935+20.9	66.9 RT	R1-1	SB-41-TS-1032a	Stop			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
935+20.9	66.9 RT	R3-5	SB-41-TS-1033	Mandatory Movement Lane Control (Right Turn Only)			3	2.5	3	2.5	7.5	7.5	-	-	7.5	1	-	-	-	-										
935+20.9	66.9 RT	R5-1	SB-41-TS-34	Do Not Enter			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
936+24.6	59.5 RT	M6-1	SB-41-WP-1035	Directional Arrow (Left)			2.5	1.75	2.5	1.75	4.375	4.4	-	-	4.4	1	-	-	-	-			10		10					
936+24.6	59.5 RT	D9-2	SB-41-WP-1036	Hospital			2	2	2	2	4	4.0	-	-	4.0	1	-	-	-	-										
938+14.8	61.7 RT		SB-41-TS-1035	Truck Access Prohibited Use Park Avenue West Entrance			2.5	3	2.5	3	7.5	7.5	-	-	7.5	1	-	-	-	-	8	8								
938+40.5	84.8 RT	R5-1	SB-41-TS-1036	Do Not Enter			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
938+62.6	88.1 RT	R5-1	SB-41-TS-1037	Do Not Enter			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
938+69.6	91.0 RT	R1-1	SB-41-TS-1032a	Stop			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
942+94.4	215.7 RT	W10-1	SB-41-TS-1042	Grade Crossing Advance Warning			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
943+57.1	65.3 RT	R10-11b	SB-41-MA-1043	No turn on Red			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
943+57.1	65.3 RT	R10-1104	SB-41-MA-1045	Red Light Photo Enforced			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
943+57.1	65.3 RT	R10-1104	SB-41-MA-1047	Red Light Photo Enforced			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
944+67.2	66.2 RT	R10-11b	SB-41-MA-1048	No turn on Red			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
944+67.2	66.2 RT	D3-1	SB-41-MA-1050	Street Name (Park Ave West)			1.5	3	1.5	3	4.5	4.5	-	-	4.5	1	-	-	-	-										
944+67.2	66.2 RT	R10-1104	SB-41-MA-1051	Red Light Photo Enforced			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-										
945+06.4	59.3 RT	R3-2	SB-41-TS-1053	Movement Prohibition (No Left Turn)			3	3	3	3	9	9.0	-	-	9.0	1	-	-	-	-	8	8								
945+67.5	62.6 RT		SB-41-TS-1054	No Parking Along Highway			1.5	1	1.5	1	1.5	1.5	-	-	1.5	1	-	-	-	-	7	7								
939+74.0	1.8 LT		NB-41-TS-1059	Dual Left Turn Only			3	6	3	6	18	-	18.0	-	-	-	-	-	-	-	8	8								
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SOIL EROSION GENERAL NOTES

1. THE CONTRACTOR SHALL BE REQUIRED TO INSTALL AND MAINTAIN SILT FENCE AS INDICATED IN THE PLAN PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE EROSION CONDITIONS.
2. IN ADDITION TO THE LOCATIONS INDICATED ON THE PLAN, SILT FENCE SHALL BE PLACED AROUND THE PERIMETER OF THE EARTH STOCKPILES. SEDIMENT CONTROL MEASURES MUST BE IN PLACE PRIOR TO THE BUILDING OR REMOVAL OF ANY STOCKPILE.
3. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, THEN SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR SUCH STOCKPILE.
4. LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF THE GUTTERS OR DRAINAGE STRUCTURES SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY SO THAT THE NATURAL FLOW OF WATER IS NOT OBSTRUCTED.
5. EXISTING CULVERTS WITHIN THE DISTURBED LIMIT SHALL BE PROTECTED PRIOR TO ANY CONSTRUCTION ACTIVITIES COMMENCING UPSTREAM.
6. INLETS EXPOSED TO TRAFFIC WITH INLET FILTER PROTECTION SHALL HAVE FILTER BASKETS WITH OVERFLOW TO ALLOW FOR THE POSITIVE DRAINAGE OF WATER OFF THE ROADWAY. THESE INLETS SHALL BE CLEANED, WHEN NECESSARY, UTILIZING OFF-PEAK LANE CLOSURES AS APPROVED BY THE ENGINEER. THE COST OF TRAFFIC CONTROL FOR MAINTENANCE OF EROSION CONTROL SYSTEMS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
7. THE FOLLOWING EROSION AND SEDIMENT CONTROL MEASURES, BUT NOT LIMITED TO, WILL BE CHECKED WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL (0.5 INCHES OR GREATER IN A 24-HOUR PERIOD):
 - A. SEEDING - ALL ERODIBLE BARE EARTH AREAS WILL BE TEMPORARILY SEEDED ON A WEEKLY BASIS.
 - B. PERIMETER EROSION BARRIER - SEDIMENT WILL BE REMOVED WHEN IT EXCEEDS HALF THE HEIGHT OF THE FENCE AND FENCE THAT COLLAPSES WILL BE REPLACED IMMEDIATELY.
 - C. EROSION CONTROL - ANY AREAS WHICH FAIL WILL BE REPAIRED IMMEDIATELY.
 - D. IN CONCENTRATED FLOW SUCH AS DITCH BOTTOMS, EROSION CONTROL BLANKET, TEMPORARY DITCH CHECKS AND OTHER EROSION CONTROLS WILL BE INSPECTED AFTER EVERY RUNOFF EVENT AND MAINTAINED AS NEEDED.
 - E. INLET FILTERS WILL BE INSPECTED AFTER EVERY RUNOFF EVENT AND MAINTAINED AS NEEDED.

ALL MAINTENANCE OF EROSION CONTROL SYSTEMS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL LOCATIONS WHERE VEHICLES ENTER OR EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD ALSO BE INSPECTED PERIODICALLY.
 ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES-MAINTENANCE GUIDE: (<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>).
8. DUST CONTROL
 - A. IF DUST BLOWING FROM CONSTRUCTION SITES BECOMES A TRAFFIC HAZARD OR A DANGER TO THE HEALTH OR COMFORT TO PERSONS DOWNWIND, IT SHALL BE CONTROLLED EITHER PERMANENTLY OR TEMPORARILY DEPENDING UPON THE STATE OF DEVELOPMENT OF THE SITE. DUST CONTROL MEASURES SHALL BE TAKEN WHEN REQUIRED BY THE GOVERNING AUTHORITY.
 - B. DUST PROBLEMS FROM ACTIVE CONSTRUCTION AREAS SHALL BE KEPT UNDER CONTROL BY MEANS OF WATERING DRY SURFACES AND/OR THE APPLICATION OF CALCIUM CHLORIDE. APPLICATION AND REPETITION RATES SHALL BE AS NECESSARY FOR EFFECTIVE CONTROL.
 - C. IN THE EVENT OF SEVERE DUST PROBLEMS, THE GOVERNING AUTHORITY MAY STOP SUCH DUST-PRODUCING ACTIVITIES UNTIL THE PROBLEM IS RESOLVED.
 - D. CONTRACTOR SHALL BE RESPONSIBLE TO TAKE NECESSARY MEASURES TO CONTROL DUST SO THERE WILL BE NO DUST PROBLEMS FOR ADJACENT RESIDENTS CAUSED BY CONSTRUCTION ACTIVITIES.
9. 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) CALENDAR DAYS PRIOR TO THE INITIATION OF IMPROVEMENTS.
10. IN AREAS WHERE WORK IS COMPLETED, PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OR CESSATION OF DISTURBANCE FOR 14 DAYS, AND THE INSTALLATION SHALL BE COMPLETED BY THE 14TH DAY AFTER NO DISTURBANCE. THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE STORM WATER POLLUTION PREVENTION PLAN SECTION 11.B.
11. A COPY OF THE APPROVED NPDES PERMIT, AND THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.



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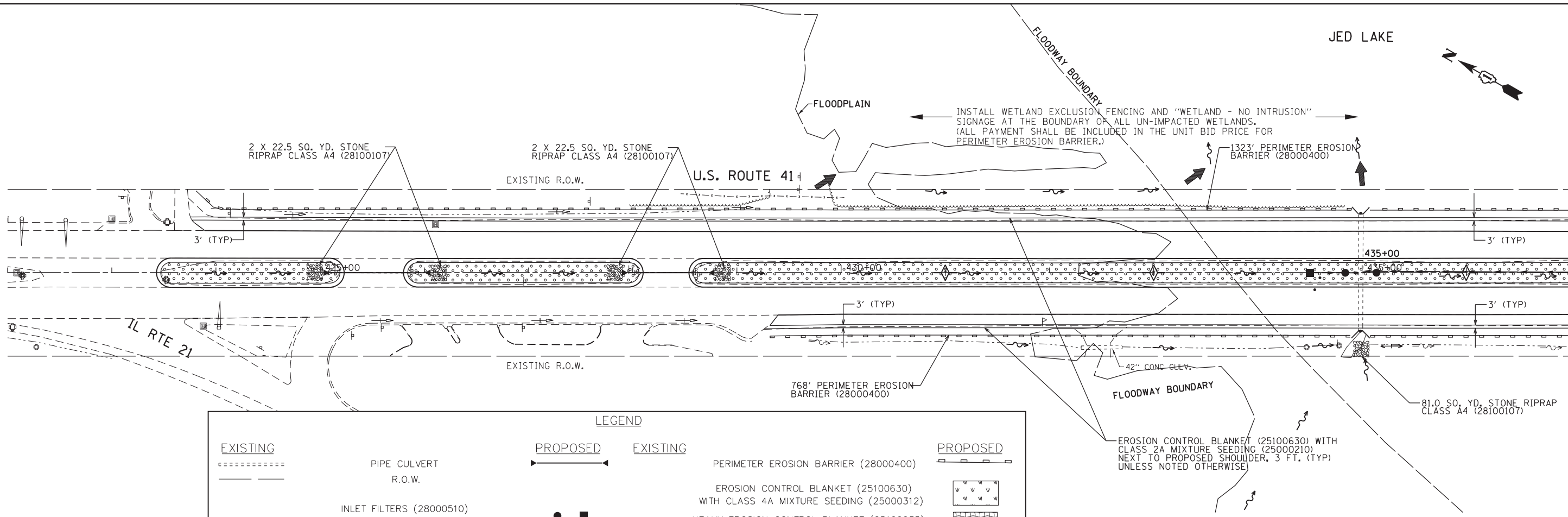
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
EROSION CONTROL GENERAL NOTES AND DETAILS**

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. TO STA.

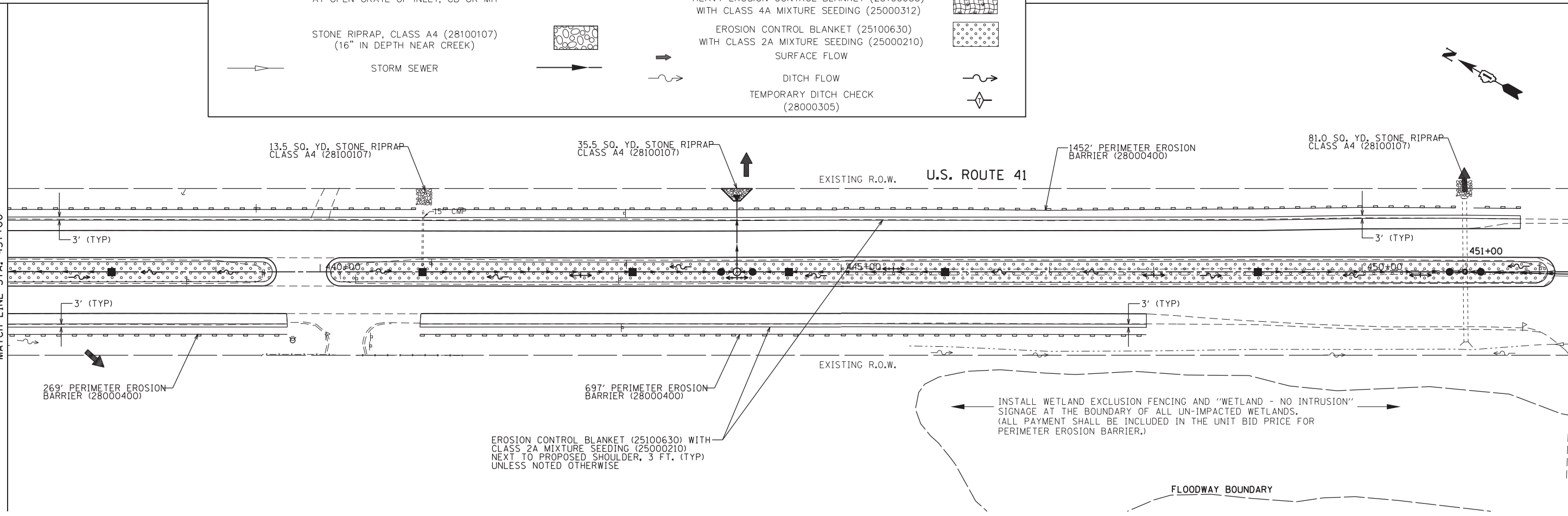
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	79
CONTRACT NO. 60W99				
ILLINOIS FED. AID PROJECT				

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LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED
----- PIPE CULVERT R.O.W.	----- PERIMETER EROSION BARRIER (28000400)	----- PERIMETER EROSION BARRIER (28000400)	----- PERIMETER EROSION BARRIER (28000400)
● ■ INLET FILTERS (28000510) AT OPEN GRATE OF INLET, CB OR MH	● ■ EROSION CONTROL BLANKET (25100630) WITH CLASS 4A MIXTURE SEEDING (25000312)	● ■ EROSION CONTROL BLANKET (25100630) WITH CLASS 4A MIXTURE SEEDING (25000312)	● ■ EROSION CONTROL BLANKET (25100630) WITH CLASS 4A MIXTURE SEEDING (25000312)
○ STONE RIPRAP, CLASS A4 (28100107) (16" IN DEPTH NEAR CREEK)	○ HEAVY EROSION CONTROL BLANKET (25100635) WITH CLASS 4A MIXTURE SEEDING (25000312)	○ HEAVY EROSION CONTROL BLANKET (25100635) WITH CLASS 4A MIXTURE SEEDING (25000312)	○ HEAVY EROSION CONTROL BLANKET (25100635) WITH CLASS 4A MIXTURE SEEDING (25000312)
→ STORM SEWER	→ EROSION CONTROL BLANKET (25100630) WITH CLASS 2A MIXTURE SEEDING (25000210)	→ EROSION CONTROL BLANKET (25100630) WITH CLASS 2A MIXTURE SEEDING (25000210)	→ EROSION CONTROL BLANKET (25100630) WITH CLASS 2A MIXTURE SEEDING (25000210)
	→ SURFACE FLOW	→ SURFACE FLOW	→ SURFACE FLOW
	→ DITCH FLOW	→ DITCH FLOW	→ DITCH FLOW
	→ TEMPORARY DITCH CHECK (28000305)	→ TEMPORARY DITCH CHECK (28000305)	→ TEMPORARY DITCH CHECK (28000305)



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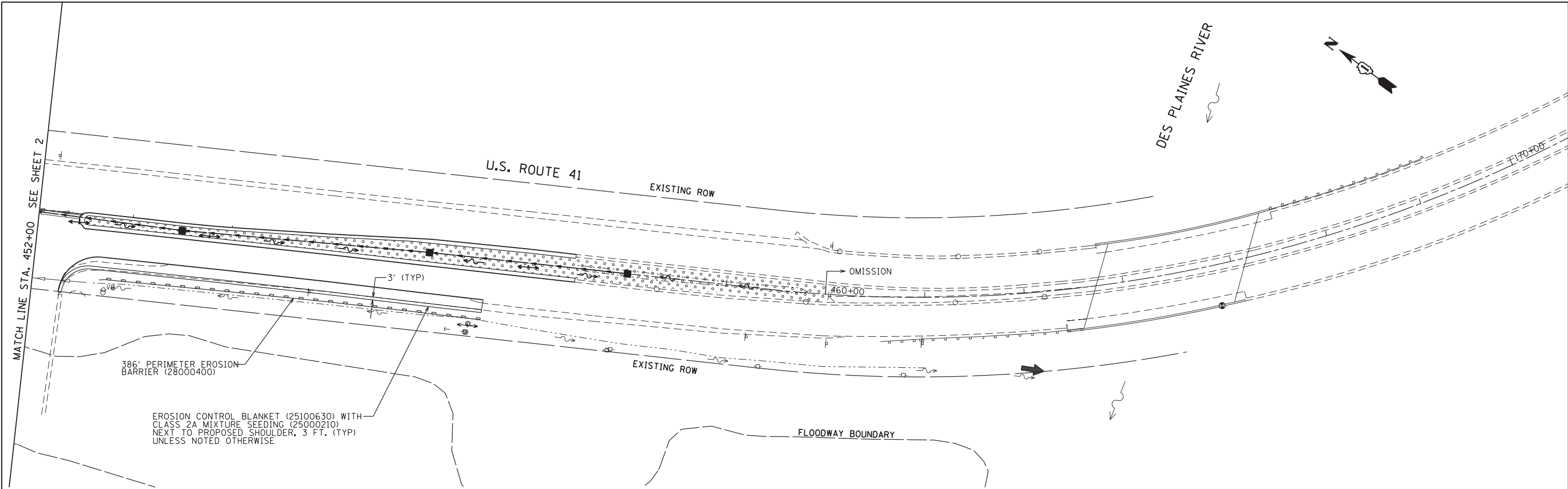
US ROUTE 41 (SKOKIE HIGHWAY)
EROSION CONTROL PLAN

SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. 422+00 TO STA. 452+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	80
CONTRACT NO. 60W99				

ILLINOIS FED. AID PROJECT

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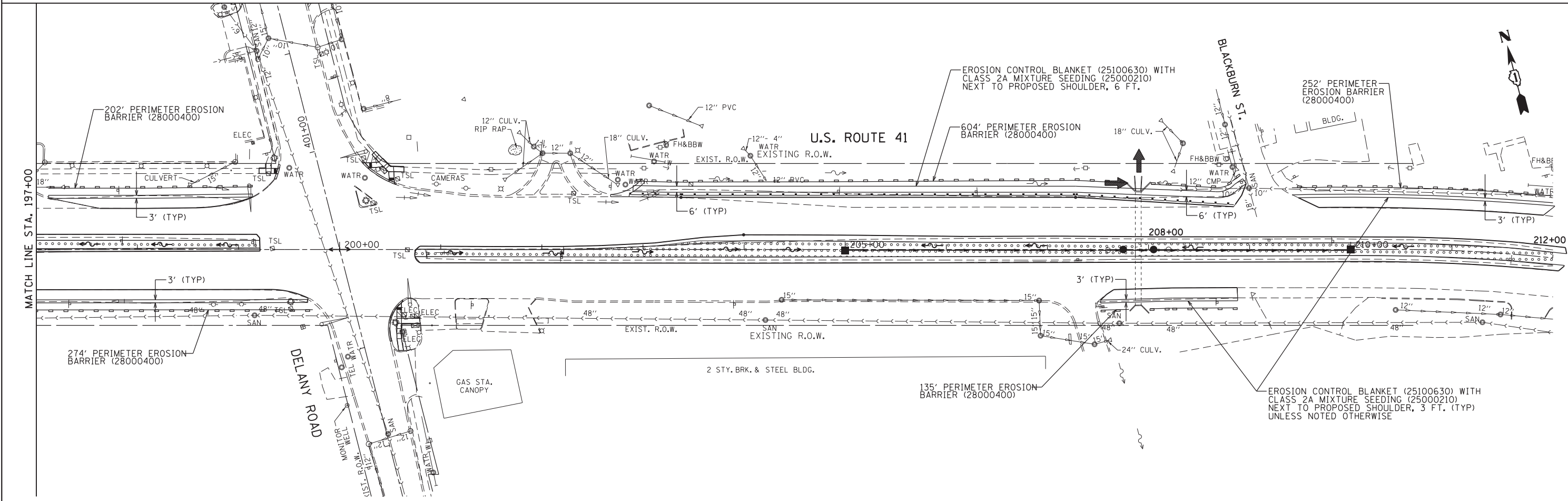
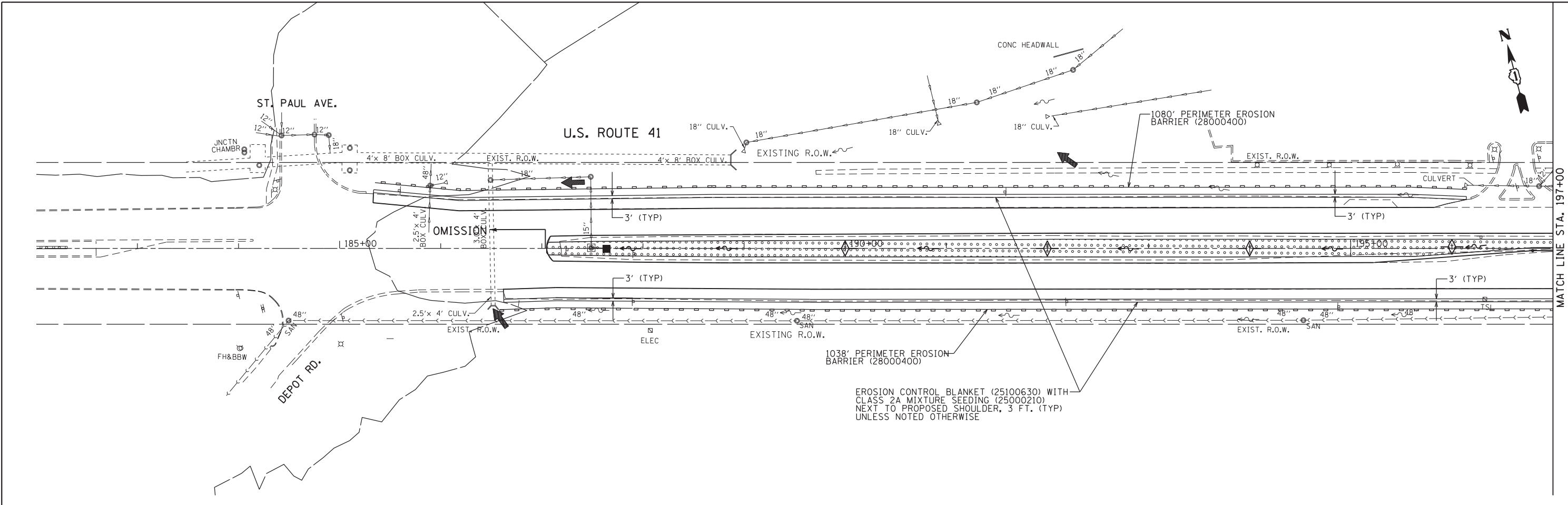
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US ROUTE 41 (SKOKIE HIGHWAY)
EROSION CONTROL PLAN

SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 452+00 TO STA. 170+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	81
CONTRACT NO. 60W99				
ILLINOIS FED. AID PROJECT				



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**US ROUTE 41 (SKOKIE HIGHWAY)
 EROSION CONTROL PLAN**

SCALE: 1"=50' SHEET NO. 4 OF 4 SHEETS STA. 182+00 TO STA. 212+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	82
CONTRACT NO. 60W99				

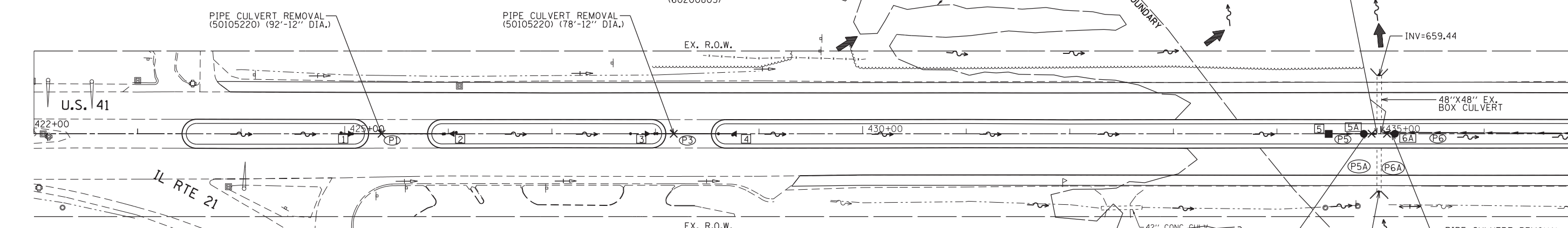
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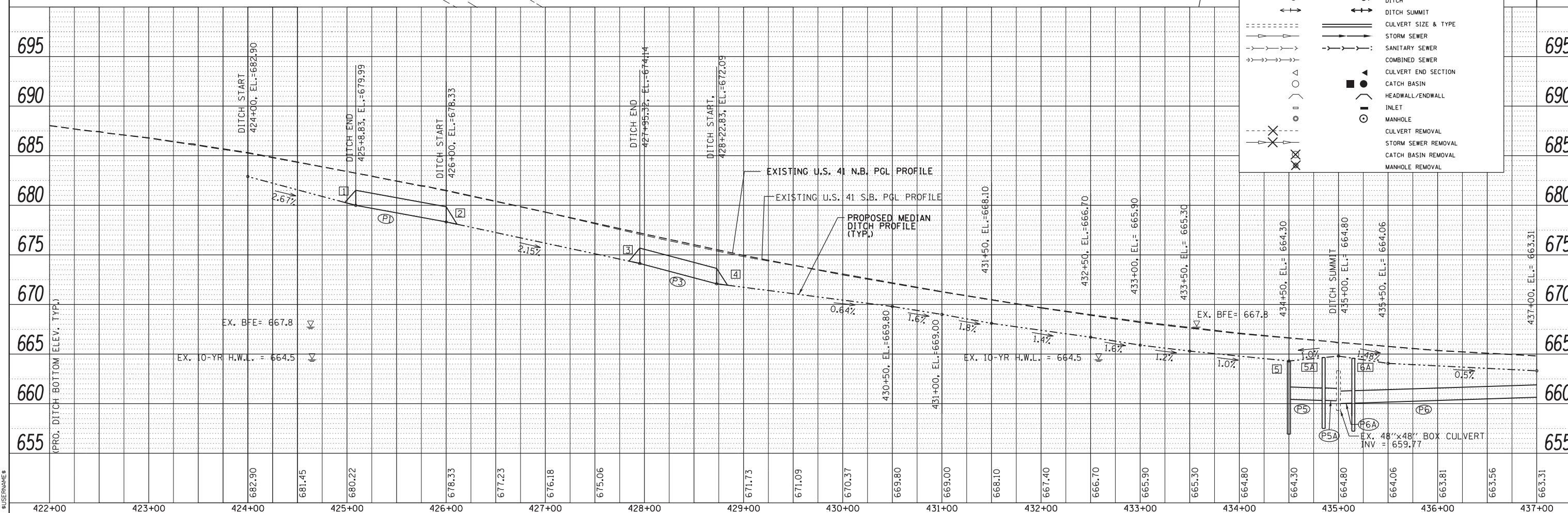
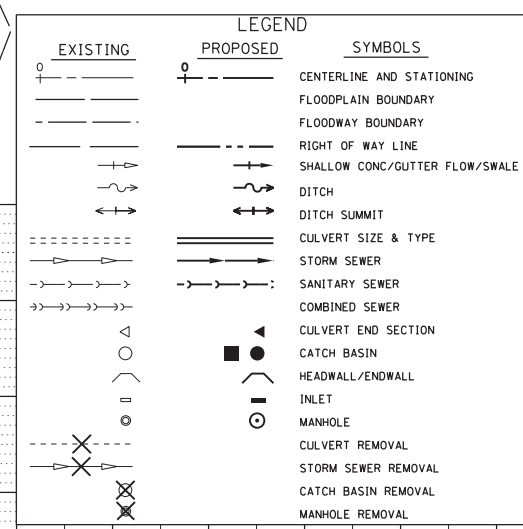
- 1 STA. 425+08.8, 0' OFFSET
PRECAST REINFORCED CONCRETE
FLARED END SECTION, 18" (54213663)
INV. = 679.99
- 2 STA. 426+00.4, 0' OFFSET
PRECAST REINFORCED CONCRETE
FLARED END SECTION, 18" (54213663)
INV. = 678.33
- 3 STA. 427+95.3, 0' OFFSET
PRECAST REINFORCED CONCRETE
FLARED END SECTION, 18" (54213663)
INV. = 674.14
- 4 STA. 428+72.8, 0' OFFSET
PRECAST REINFORCED CONCRETE
FLARED END SECTION, 18" (54213663)
INV. = 672.09
- 5 STA. 434+50.0, 0' OFFSET
CATCH BASINS, TY-B, TY-7 GR
RIM. = 664.30
INV. = 660.43
(60206600)
- 6A STA. 435+15, 0' OFFSET
CATCH BASIN TYPE A, 4' DIA. W/TYPE 8 GR
RIM. = 664.58
INV. = 660.06
(60200805)

- P1 92 LF PIPE CULVERTS, RCP
TYPE 1, 18" @ 1.80% SLOPE (542A0223)
- P2 78 LF PIPE CULVERTS, RCP
TYPE 1, 18" @ 2.62% SLOPE
(542A0223)
- P3 31 LF 15" STORM SEWERS
RCP CLASS A, TYPE 1 @ 0.32% SLOPE
(550A0070)
- P4 281 LF STORM SEWERS
RCP TYPE 1, 15" @ 0.32% SLOPE
(550A0070)
- P5A 10 LF 15" STORM SEWERS
RCP CLASS A, TYPE 2 @ 0.40% SLOPE
(550A0360)
- P6A 10 LF 15" STORM SEWERS
RCP CLASS A, TYPE 2 @ 0.40% SLOPE
(550A0360)

- 5A STA. 434+85, 0' OFFSET
CATCH BASIN TYPE A, 4' DIA. W/TYPE 8 GR
RIM. = 664.65
INV. = 660.33
(60200805)
- 6A STA. 435+15, 0' OFFSET
CATCH BASIN TYPE A, 4' DIA. W/TYPE 8 GR
RIM. = 664.58
INV. = 660.06
(60200805)



- NOTES**
1. THE CULVERT END SECTION STATION, OFFSET AND INVERT ARE MEASURED FROM THE END OF THE PIPE.
 2. ALL EXCAVATED MATERIAL FOR COMPENSATORY STORAGE MUST BE PLACED OUTSIDE THE LIMITS OF THE FLOODWAY.
 3. THE PAY ITEMS 50105220 PIPE CULVERT REMOVAL AND 55100700 STORM SEWER REMOVAL 15" SHALL INCLUDE THE REMOVAL OF ATTACHED END SECTIONS, HEADWALLS, WINGWALLS, AND APRON. IT SHALL ALSO INCLUDE THE REPAIR OF HOLES AND OPENINGS IN THE EXISTING CONCRETE CULVERT WALL OR DRAINAGE STRUCTURE RESULTING FROM THE PIPE CULVERT OR STORM SEWER REMOVAL. THE REPAIR SHALL PROVIDE A WATERTIGHT SEAL, AS DIRECTED BY THE ENGINEER, AND IN ACCORDANCE WITH SECTION 501 OF THE STANDARD SPECIFICATIONS.
 4. AT LOCATIONS DESIGNATED BY THE ENGINEER, ALL EARTH AND DEBRIS SHALL BE REMOVED FROM THE PORTIONS OF EXISTING CULVERTS WHICH ARE TO REMAIN IN SERVICE.



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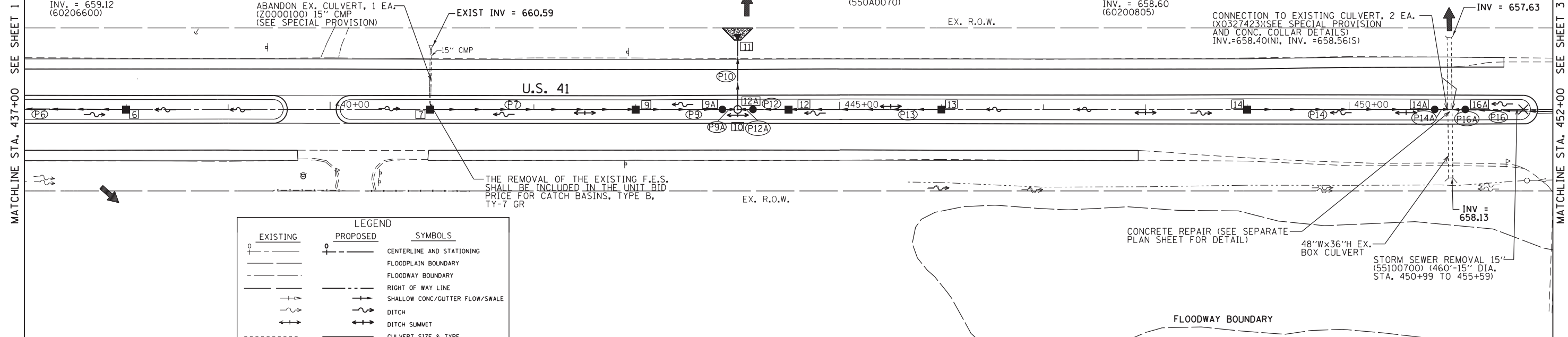
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
DRAINAGE PLAN & PROFILE
SCALE: 1"=50'H 1"=5'V SHEET 1 OF 5 SHEETS STA. 422+00 TO STA. 437+00

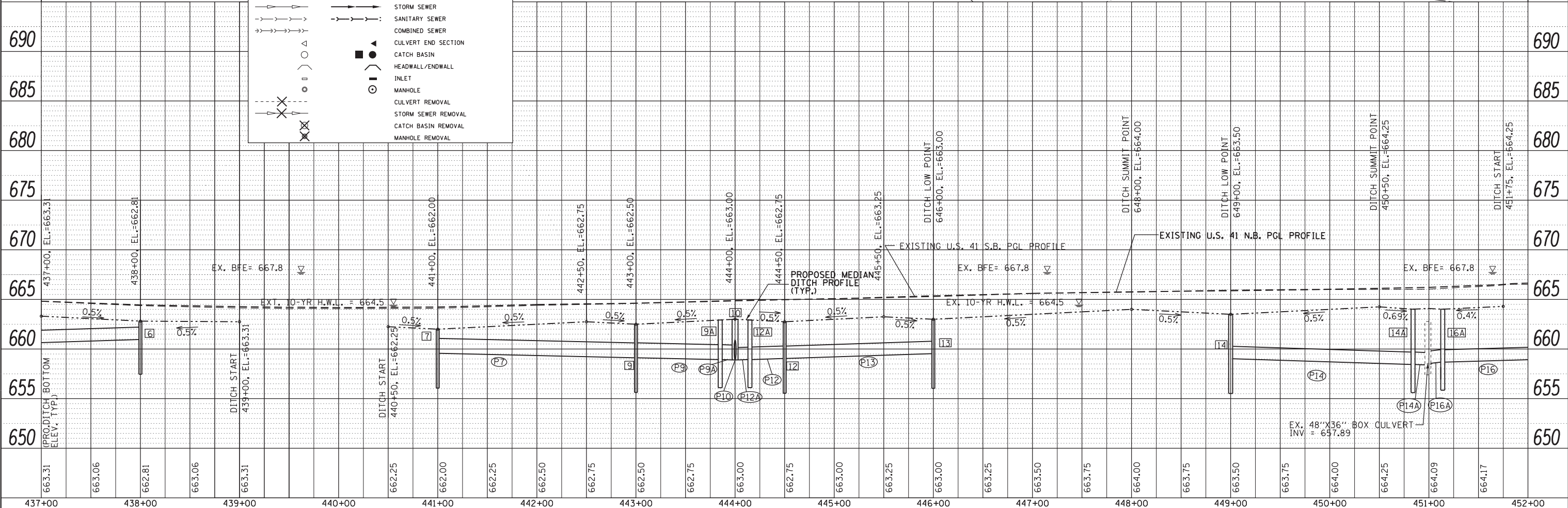
F.A.P. RTE. 346	SECTION 2013-0531	COUNTY LAKE	TOTAL SHEETS 135	SHEET NO. 83
CONTRACT NO. 60W99			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 437+00 SEE SHEET 2

- 6 STA. 438+00.0, 0' OFFSET CATCH BASINS, TY-B, TY-7 GR RIM. = 662.81 INV. = 660.96 (60206600)
- 7 STA. 441+00.0 0' OFFSET CATCH BASINS, TY-B, TY-7 GR RIM. = 662.00 INV. = 659.56 (60206600)
- 7 202 LF STORM SEWERS RCP TYPE 1, 18" @0.22% SLOPE (550A0090)
- 9 STA. 443+00.0, 0' OFFSET CATCH BASINS, TY-B, TY-7 GR RIM. = 662.50 INV. = 659.12 (60206600)
- 81 LF STORM SEWERS RCP TYPE 1, 18" @0.22% SLOPE (550A0090)
- 10 STA. 444+00.0, 0' OFFSET MANHOLES TYPE A, 6' DIA. W/TYPE 1 FR&CL RIM. = 663.00 NE INV. = 658.90 N/S INV. = 658.90 (60223800)
- 9A STA. 443+85.0, 0' OFFSET CATCH BASINS TYPE A, 4' DIA. W/TYPE 8 GR RIM. = 662.92 INV. = 658.94 (60200805)
- 65 LF PIPE CULVERTS RCP TYPE 1 24" @0.15% SLOPE (542A0229)
- 11 STA. 444+00.0, 68' LT PRECAST REINFORCED CONCRETE FLARED END SECTION 24" (54213669)
- 10 LF STORM SEWERS RCP TYPE 1, 18" @0.40% SLOPE (550A0090)
- 31 LF STORM SEWERS RCP TYPE 1, 15" @0.35% SLOPE (550A0070)
- 12 STA. 444+50.0, 0' OFFSET CATCH BASINS, TY-B, TY-7 GR RIM. = 662.75 INV. = 659.05 (60206600)
- 148 LF STORM SEWERS RCP TYPE 1, 15" @0.32% SLOPE (550A0070)
- 13 STA. 446+00.0, 0' OFFSET CATCH BASINS, TY-B, TY-7 GR RIM. = 663.00 INV. = 659.52 (60206600)
- 14 STA. 449+00.0, 0' OFFSET CATCH BASINS, TY-B, TY-7 GR RIM. = 663.50 INV. = 659.02 (60206600)
- 179 LF STORM SEWERS RCP TYPE 2, 15" @0.32% SLOPE (550A0360)
- 10 LF STORM SEWERS RCP TYPE 1, 15" @0.40% SLOPE (550A0070)
- 14A STA. 450+85.0, 0' OFFSET CATCH BASINS TYPE A, 4' DIA. W/TYPE 8 GR RIM. = 664.01 INV. = 658.44 (60200805)
- 10 LF STORM SEWERS RCP TYPE 2, 15" @0.40% SLOPE (550A0360)
- 231 LF STORM SEWERS RCP TYPE 2, 15" @0.32% SLOPE (550A0360)
- 10 LF STORM SEWERS RCP TYPE 1, 15" @0.40% SLOPE (550A0070)
- 16A STA. 451+15.0, 0' OFFSET CATCH BASINS TYPE A, 4' DIA. W/TYPE 8 GR RIM. = 664.01 INV. = 658.60 (60200805)
- 10 LF STORM SEWERS RCP TYPE 2, 15" @0.40% SLOPE (550A0360)



LEGEND		
EXISTING	PROPOSED	SYMBOLS
—+—	—+—	CENTERLINE AND STATIONING
---	---	FLOODPLAIN BOUNDARY
---	---	FLOODWAY BOUNDARY
---	---	RIGHT OF WAY LINE
---	---	SHALLOW CONC/GUTTER FLOW/SWALE
---	---	DITCH
---	---	DITCH SUMMIT
---	---	CULVERT SIZE & TYPE
---	---	STORM SEWER
---	---	SANITARY SEWER
---	---	COMBINED SEWER
---	---	CULVERT END SECTION
---	---	CATCH BASIN
---	---	HEADWALL/ENDWALL
---	---	INLET
---	---	MANHOLE
---	---	CULVERT REMOVAL
---	---	STORM SEWER REMOVAL
---	---	CATCH BASIN REMOVAL
---	---	MANHOLE REMOVAL



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
DRAINAGE PLAN & PROFILE
 SCALE: 1"=50'H 1"=5'V SHEET 2 OF 5 SHEETS STA. 437+00 TO STA. 452+00

F.A.P. RTE. 346	SECTION 2013-0531	COUNTY LAKE	TOTAL SHEETS 135	SHEET NO. 84
CONTRACT NO. 60W99				
ILLINOIS FED. AID PROJECT				

16 STA. 453+50.0, 5.5' RT
CATCH BASINS, TY-B, TY-7 GR
RIM. = 666.00
INV. = 659.34
(60206600)

P17 246' LF STORM SEWERS
RCP TYPE 2, 15" @0.32% SLOPE
(550A0360)

18 STA. 458+00.0, 0' OFFSET
CATCH BASINS, TY-B, TY-7 GR
RIM. = 665.25
INV. = 661.00
(60206600)

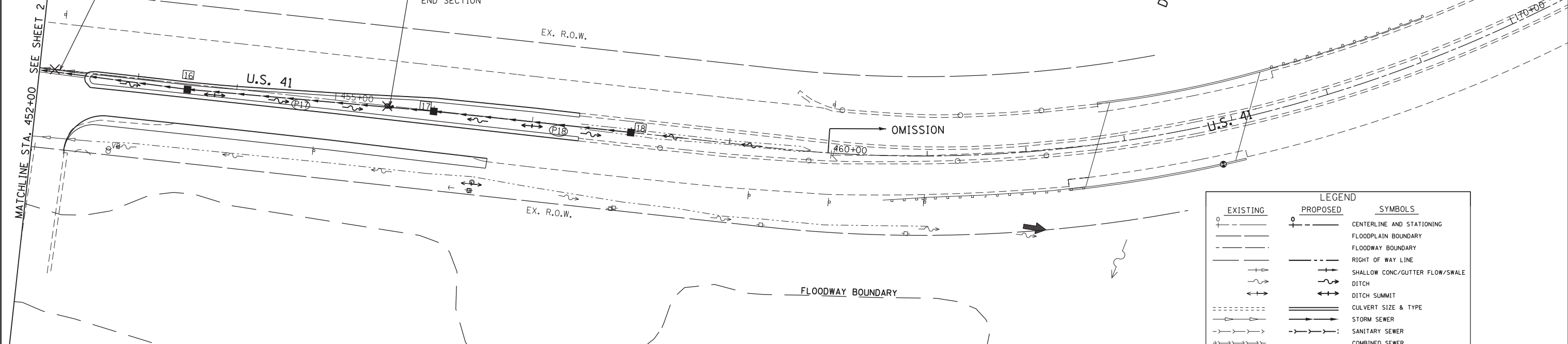
17 STA. 456+00.0, 0' OFFSET
CATCH BASINS, TY-B, TY-7 GR
RIM. = 665.60
INV. = 660.13
(60206600)

P18 196' LF STORM SEWERS
RCP TYPE 2, 12" @0.44% SLOPE
(550A0340)

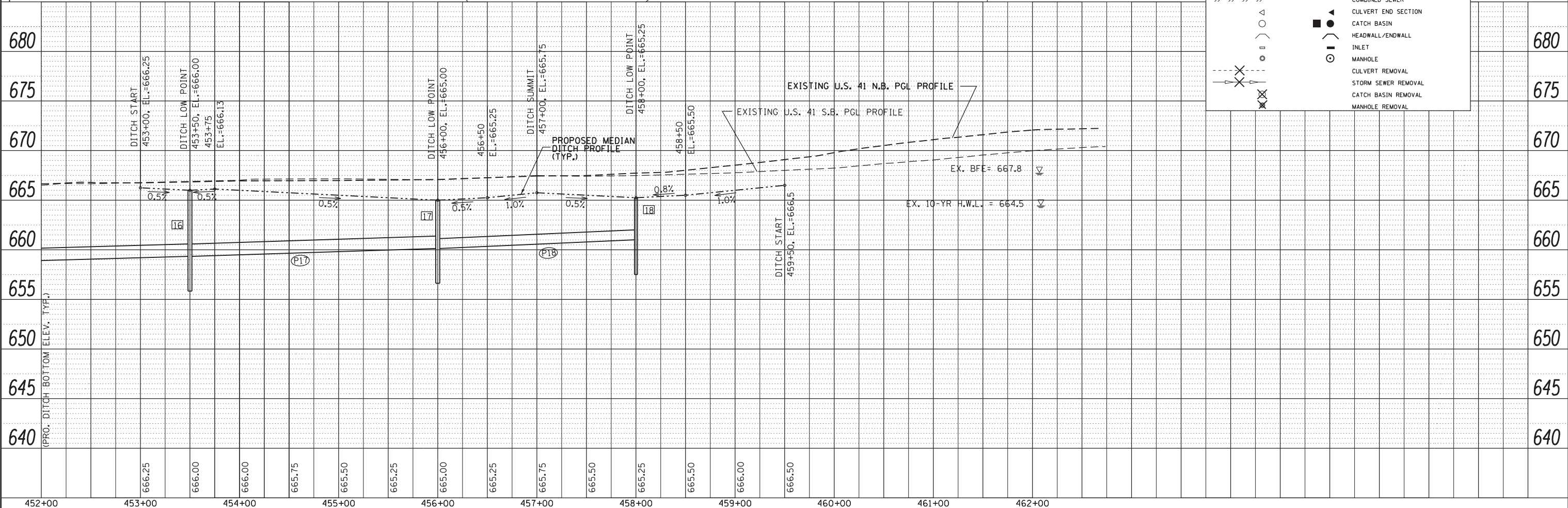
STORM SEWER REMOVAL 15'
(55100700) (460'-15" DIA.)
STA. 450+99 TO 455+59

REMOVING MANHOLES (60500040) 1 EACH
WHICH SHALL INCLUDE THE REMOVAL OF
END SECTION

DES PLAINES RIVER



LEGEND		SYMBOLS
EXISTING	PROPOSED	
—+—	—+—	CENTERLINE AND STATIONING
---	---	FLOODPLAIN BOUNDARY
---	---	FLOODWAY BOUNDARY
---	---	RIGHT OF WAY LINE
---	---	SHALLOW CONC./GUTTER FLOW/SWALE
---	---	DITCH
---	---	DITCH SUMMIT
---	---	CULVERT SIZE & TYPE
---	---	STORM SEWER
---	---	SANITARY SEWER
---	---	COMBINED SEWER
---	---	CULVERT END SECTION
---	---	CATCH BASIN
---	---	HEADWALL/ENDWALL
---	---	INLET
---	---	MANHOLE
---	---	CULVERT REMOVAL
---	---	STORM SEWER REMOVAL
---	---	CATCH BASIN REMOVAL
---	---	MANHOLE REMOVAL



FILE NAME = #FILE#
PLOT SCALE = 50.0000' / 1"
USER NAME = #USER#

AEG
Itd.

3100 Dundee Road, Suite 502, Northbrook, IL 60062
847.753.8020 office 847.753.8023 fax

DESIGNED - JX	REVISED -
DRAWN - CW	REVISED -
CHECKED - TC	REVISED -
DATE - 12/22/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

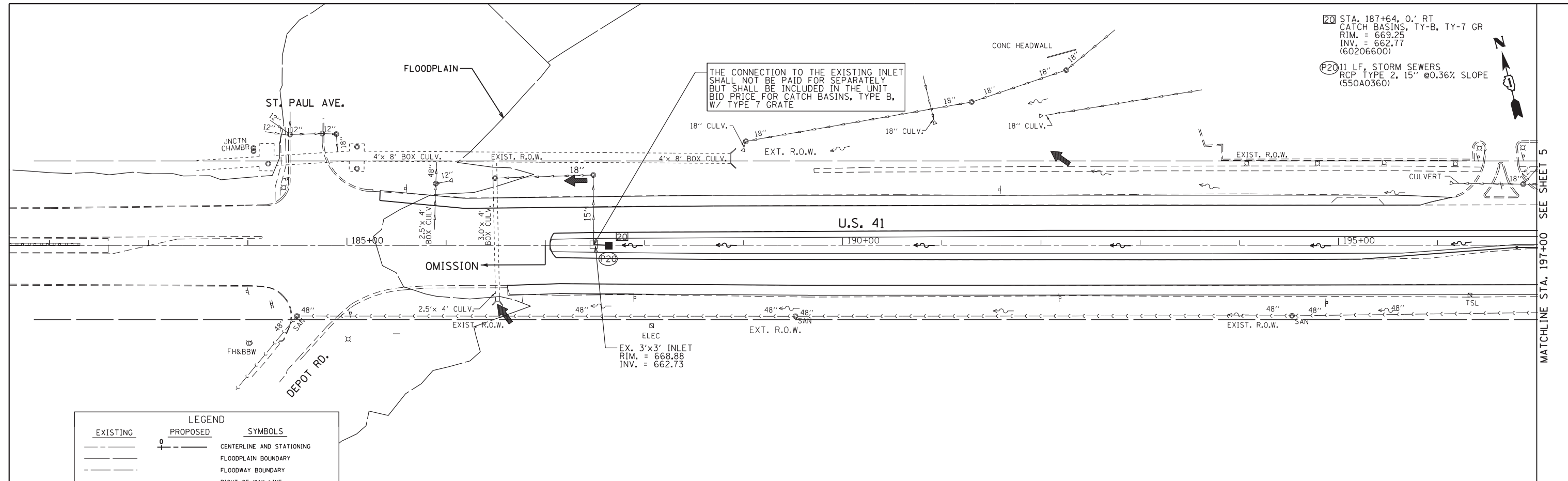
US ROUTE 41 (SKOKIE HIGHWAY)
DRAINAGE PLAN & PROFILE

SCALE: 1"=50'H 1"=5'V SHEET 3 OF 5 SHEETS STA. 452+00 TO STA. 462+00

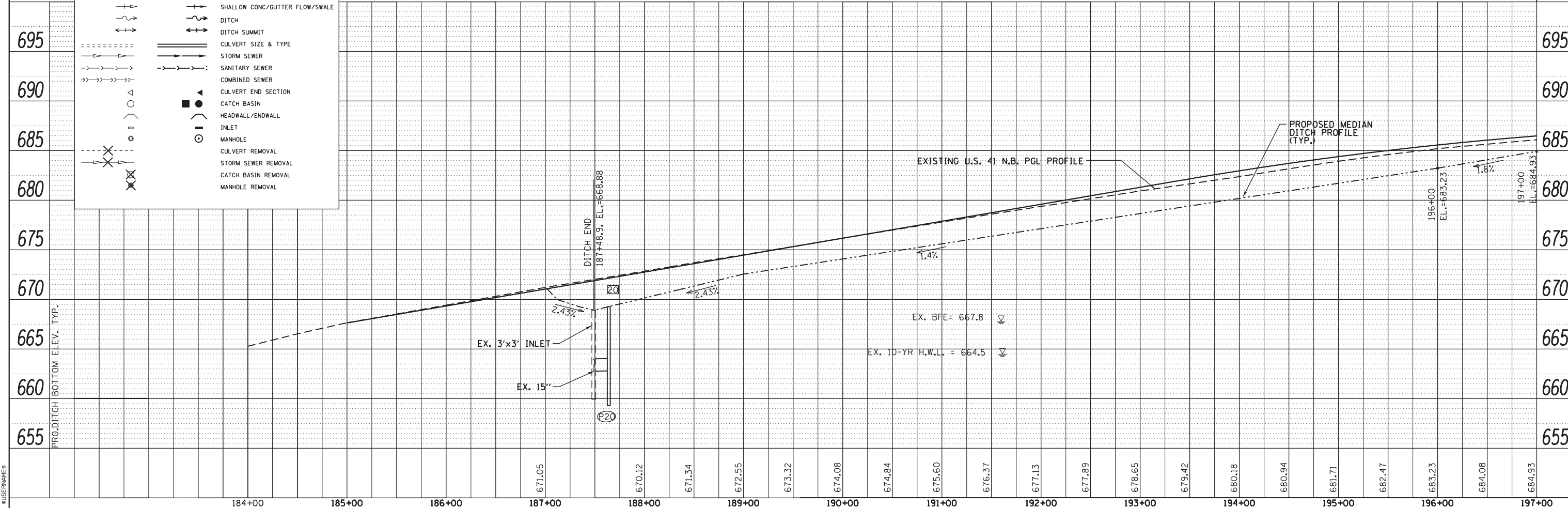
F.A.P. RTE. 346	SECTION 2013-0531	COUNTY LAKE	TOTAL SHEETS 135	SHEET NO. 85
CONTRACT NO. 60W99			ILLINOIS FED. AID PROJECT	

20 STA. 187+64, 0.' RT
CATCH BASINS, TY-B, TY-7 GR
RIM. = 669.25
INV. = 662.77
(60206600)

P20 11 LF. STORM SEWERS
RCP TYPE 2, 15" @0.36% SLOPE
(550A0360)



EXISTING	PROPOSED	SYMBOLS
---	+	CENTERLINE AND STATIONING
---	---	FLOODPLAIN BOUNDARY
---	---	FLOODWAY BOUNDARY
---	---	RIGHT OF WAY LINE
---	---	SHALLOW CONC/GUTTER FLOW/SWALE
---	---	DITCH
---	---	DITCH SUMMIT
---	---	CULVERT SIZE & TYPE
---	---	STORM SEWER
---	---	SANITARY SEWER
---	---	COMBINED SEWER
---	---	CULVERT END SECTION
---	---	CATCH BASIN
---	---	HEADWALL/ENDWALL
---	---	INLET
---	---	MANHOLE
---	---	CULVERT REMOVAL
---	---	STORM SEWER REMOVAL
---	---	CATCH BASIN REMOVAL
---	---	MANHOLE REMOVAL



FILE NAME = #FILE#
PLOT SCALE = 50.0000' / 1"
USER NAME = #USER#



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847.753.8020 office 847.753.8023 fax

DESIGNED - JX	REVISED -
DRAWN - CW	REVISED -
CHECKED - TC	REVISED -
DATE - 12/22/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
DRAINAGE PLAN & PROFILE

SCALE: 1"=50'H 1"=5'V SHEET 4 OF 5 SHEETS STA. 182+00 TO STA. 197+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	86
CONTRACT NO. 60W99			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 197+00 SEE SHEET 5

FILE NAME = #FILE#
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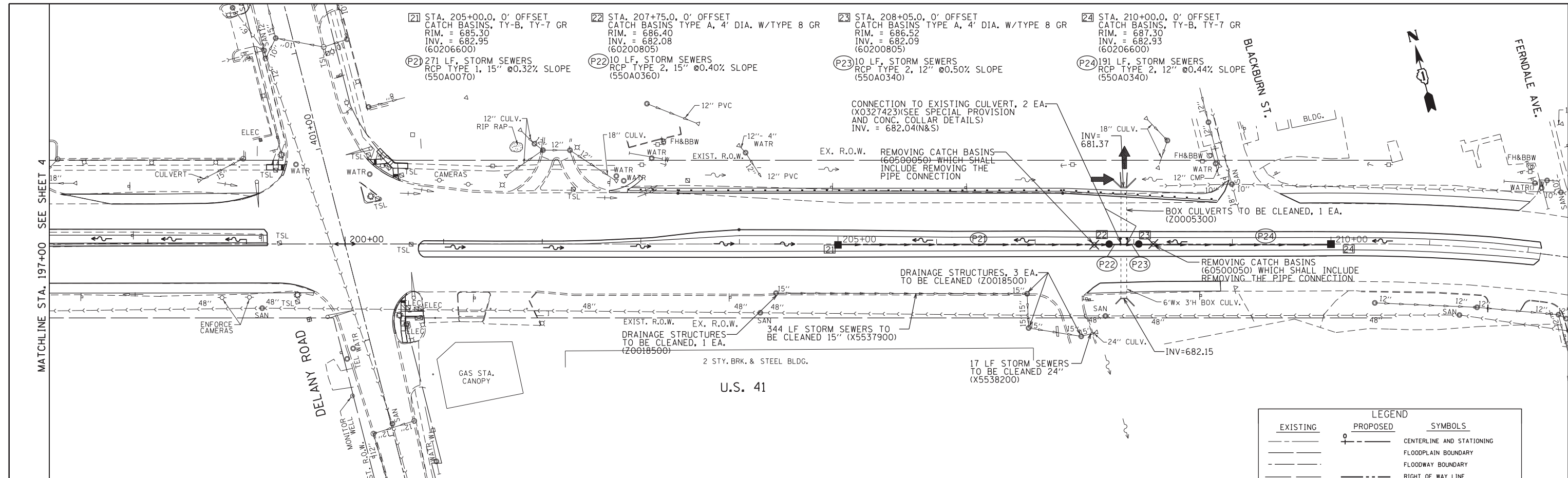
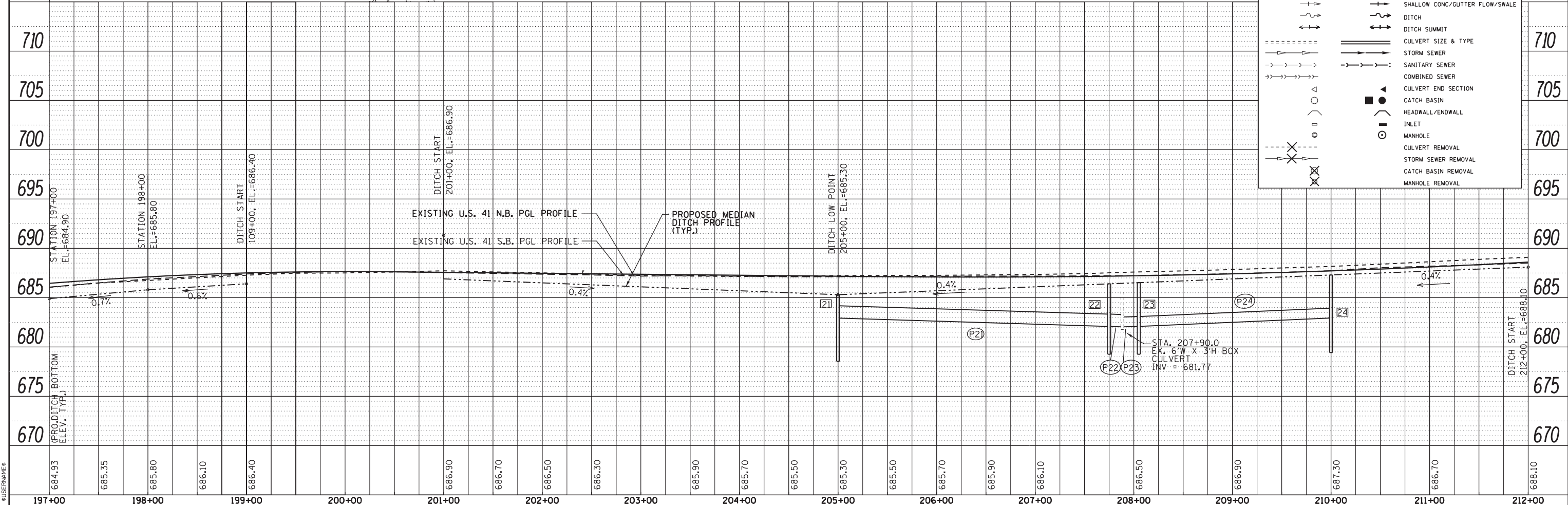
3100 Dundee Road, Suite 502, Northbrook, IL 60062
 847.753.8020 office 847.753.8023 fax

DESIGNED - JX	REVISED -
DRAWN - CW	REVISED -
CHECKED - TC	REVISED -
DATE - 12/22/2014	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
 DRAINAGE PLAN & PROFILE**
 SCALE: 1"=50'H 1"=5'V SHEET 5 OF 5 SHEETS STA. 197+00 TO STA. 212+00

F.A.P. RTE. 346	SECTION 2013-0531	COUNTY LAKE	TOTAL SHEETS 135	SHEET NO. 87
CONTRACT NO. 60W99			ILLINOIS FED. AID PROJECT	



LEGEND

EXISTING	PROPOSED	SYMBOLS
---	---	CENTERLINE AND STATIONING
---	---	FLOODPLAIN BOUNDARY
---	---	FLOODWAY BOUNDARY
---	---	RIGHT OF WAY LINE
---	---	SHALLOW CONC./GUTTER FLOW/SWALE
---	---	DITCH
---	---	DITCH SUMMIT
---	---	CULVERT SIZE & TYPE
---	---	STORM SEWER
---	---	SANITARY SEWER
---	---	COMBINED SEWER
---	---	CULVERT END SECTION
---	---	CATCH BASIN
---	---	HEADWALL/ENDWALL
---	---	INLET
---	---	MANHOLE
---	---	CULVERT REMOVAL
---	---	STORM SEWER REMOVAL
---	---	CATCH BASIN REMOVAL
---	---	MANHOLE REMOVAL

- 21 STA. 205+00.0, 0' OFFSET CATCH BASINS, TY-B, TY-7 GR RIM. = 685.30 INV. = 682.95 (60206600)
- 22 STA. 207+75.0, 0' OFFSET CATCH BASINS TYPE A, 4' DIA. W/TYPE 8 GR RIM. = 686.40 INV. = 682.08 (60200805)
- 23 STA. 208+05.0, 0' OFFSET CATCH BASINS TYPE A, 4' DIA. W/TYPE 8 GR RIM. = 686.52 INV. = 682.09 (60200805)
- 24 STA. 210+00.0, 0' OFFSET CATCH BASINS, TY-B, TY-7 GR RIM. = 687.30 INV. = 682.93 (60206600)
- P21 271 LF. STORM SEWERS RCP TYPE 1, 15" @0.32% SLOPE (550A0070)
- P22 10 LF. STORM SEWERS RCP TYPE 2, 15" @0.40% SLOPE (550A0360)
- P23 10 LF. STORM SEWERS RCP TYPE 2, 12" @0.50% SLOPE (550A0340)
- P24 191 LF. STORM SEWERS RCP TYPE 2, 12" @0.44% SLOPE (550A0340)

CONNECTION TO EXISTING CULVERT, 2 EA. (X0327423)(SEE SPECIAL PROVISION AND CONC. COLLAR DETAILS) INV. = 682.04(IN&S)

REMOVING CATCH BASINS (60500050) WHICH SHALL INCLUDE REMOVING THE PIPE CONNECTION

BOX CULVERTS TO BE CLEANED, 1 EA. (Z0005300)

DRAINAGE STRUCTURES, 3 EA. TO BE CLEANED (Z0018500)

REMOVING CATCH BASINS (60500050) WHICH SHALL INCLUDE REMOVING THE PIPE CONNECTION

344 LF STORM SEWERS TO BE CLEANED 15" (X5537900)

17 LF STORM SEWERS TO BE CLEANED 24" (X5538200)

U.S. 41

DELANY ROAD

GAS STA. CANOPY

2 STY. BRK. & STEEL BLDG.

MATCHLINE STA. 197+00 SEE SHEET 4



TRAFFIC SIGNAL LEGEND

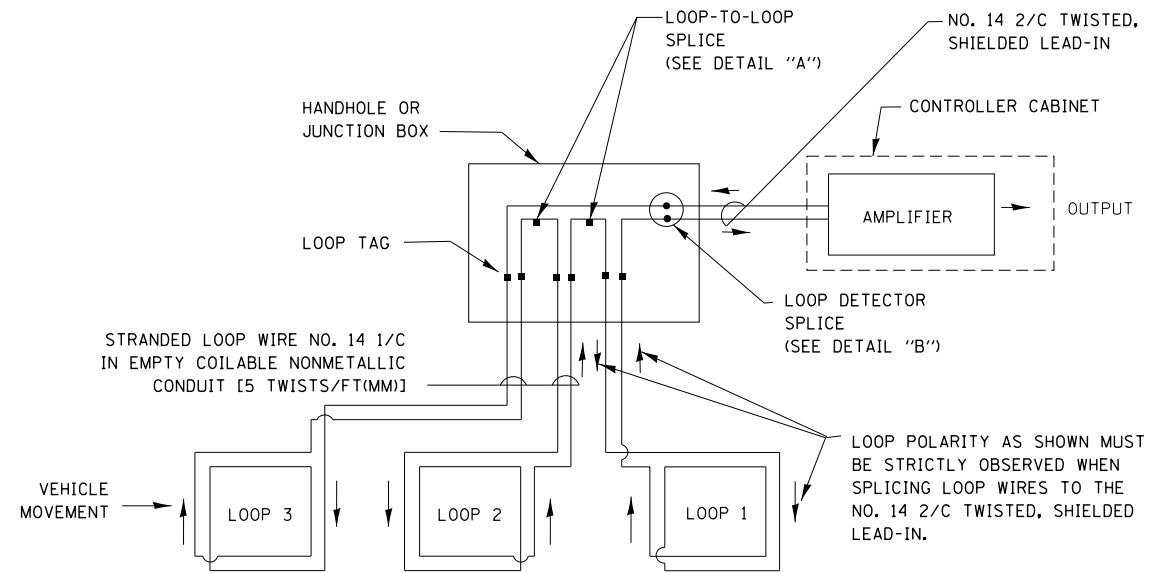
ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE			
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE			
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA			
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED			
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F			
UNINTERRUPTABLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F			
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				UNDERGROUND CONDUIT, GALVANIZED STEEL (UC)				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM24F			
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM24F			
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE			
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM				STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM				ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED			
SIGNAL POST				REMOVE ITEM				STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM				SIGNAL POST AND FOUNDATION TO BE REMOVED			
GUY WIRE				ABANDON ITEM				INTERSECTION & SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				QUEUE DETECTOR			
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				PREFORMED QUEUE DETECTOR			
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				"RB" INDICATES REFLECTIVE BACKPLATE				PREFORMED SAMPLING (SYSTEM) DETECTOR			
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL							
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED							
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID							
ILLUMINATED SIGN "NO LEFT TURN"				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER							
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO INTERCONNECT							
DETECTOR LOOP, TYPE I				RADIO REPEATER							
PREFORMED DETECTOR LOOP				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED							
MICROWAVE VEHICLE SENSOR				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)							
VIDEO DETECTION CAMERA											
VIDEO DETECTION ZONE											
PAN, TILT, ZOOM CAMERA											
WIRELESS DETECTOR SENSOR											
WIRELESS ACCESS POINT											

RAILROAD SYMBOLS

	EXISTING	PROPOSED
RAILROAD CONTROL CABINET		
RAILROAD CANTILEVER MAST ARM		
FLASHING SIGNAL		
CROSSING GATE		
CROSSBUCK		

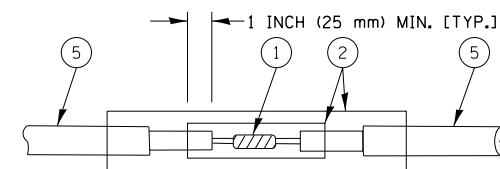
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

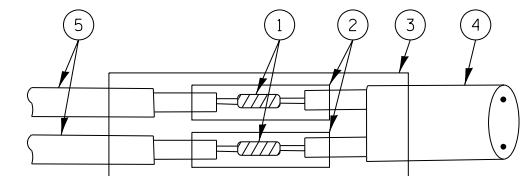


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

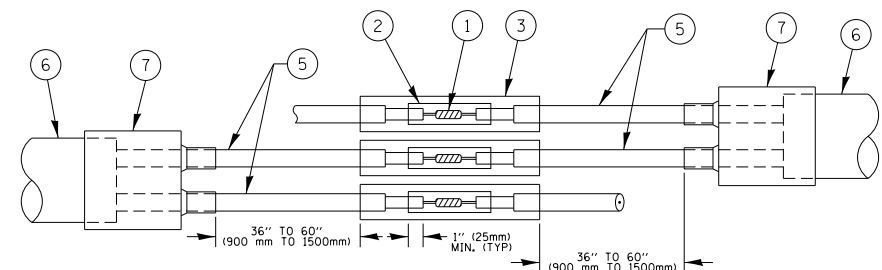


DETAIL "A"
LOOP-TO-LOOP SPLICE

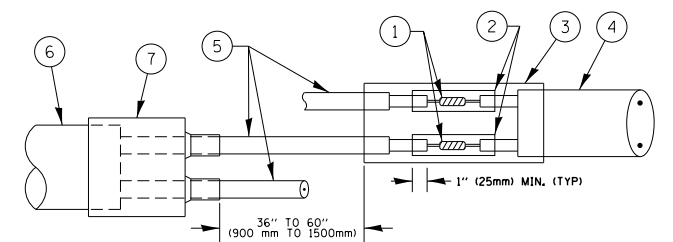


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

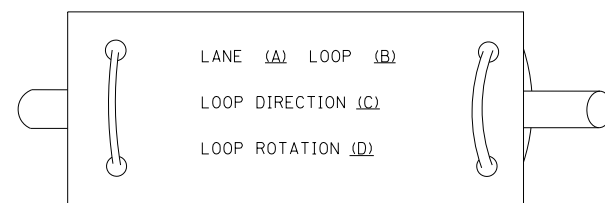


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

LOOP LEAD-IN CABLE TAG



- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.

- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PREFORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14
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	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

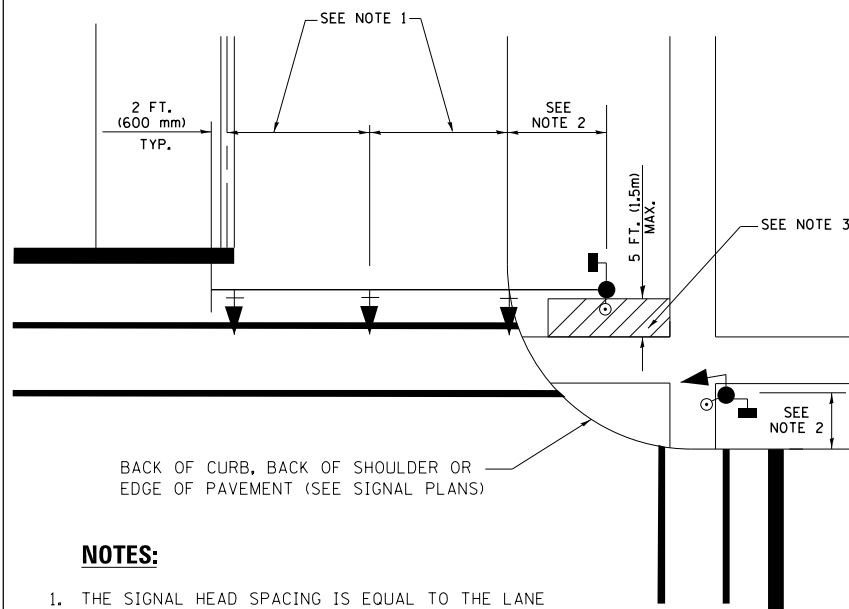
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	89
TS-05		CONTRACT NO. 60W99		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

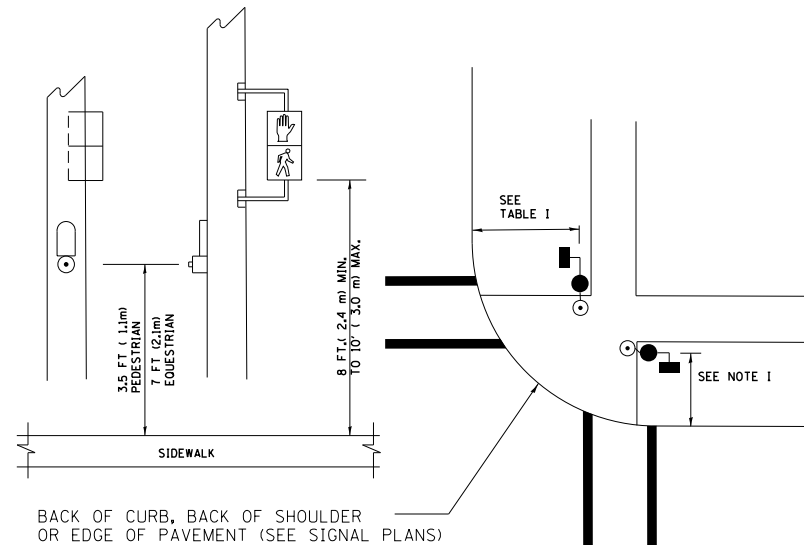
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

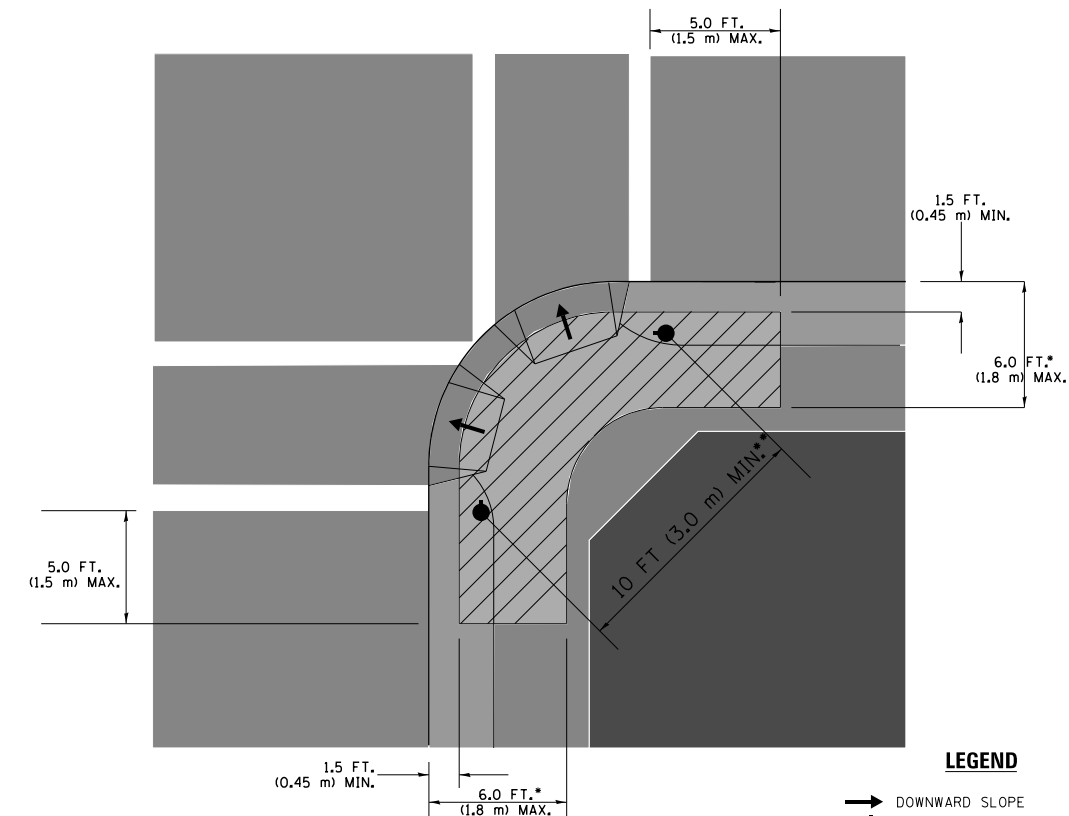
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

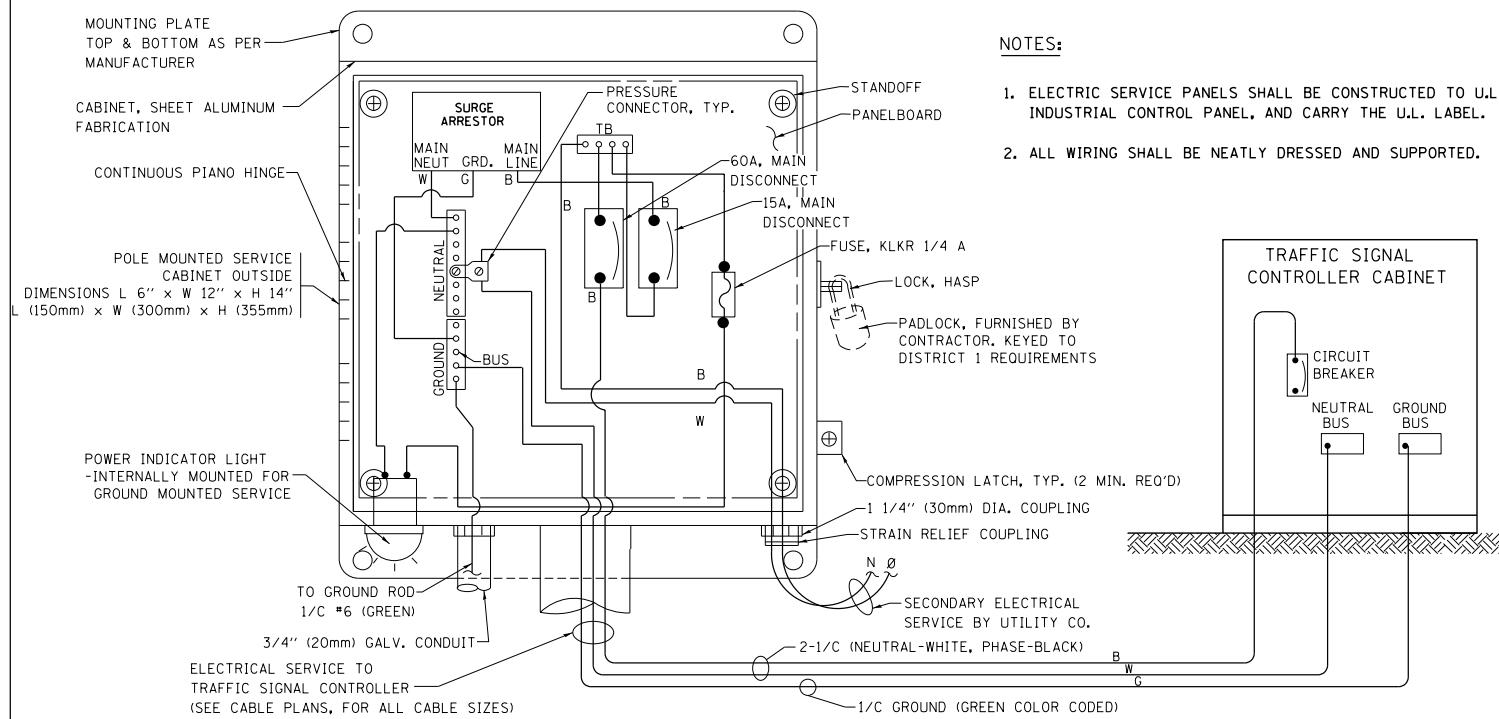
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

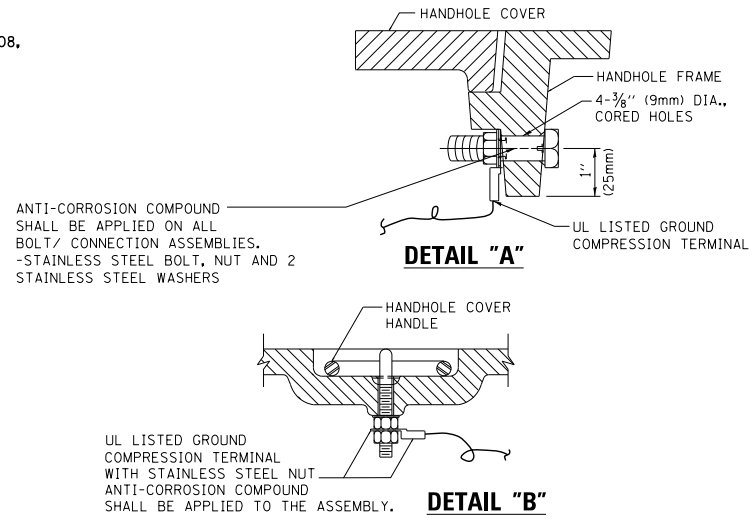
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

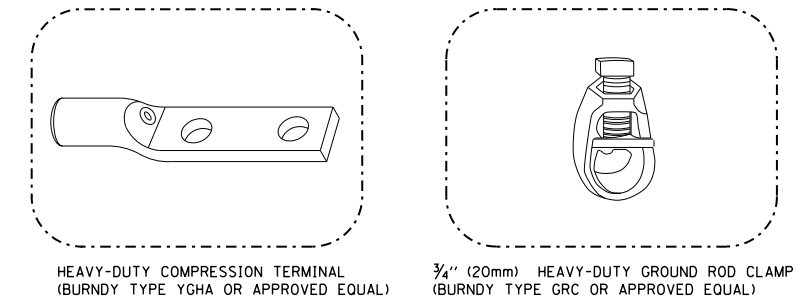
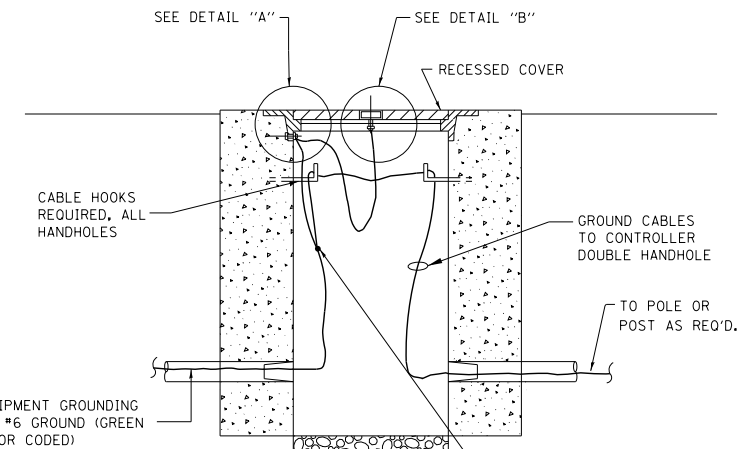


**ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)**



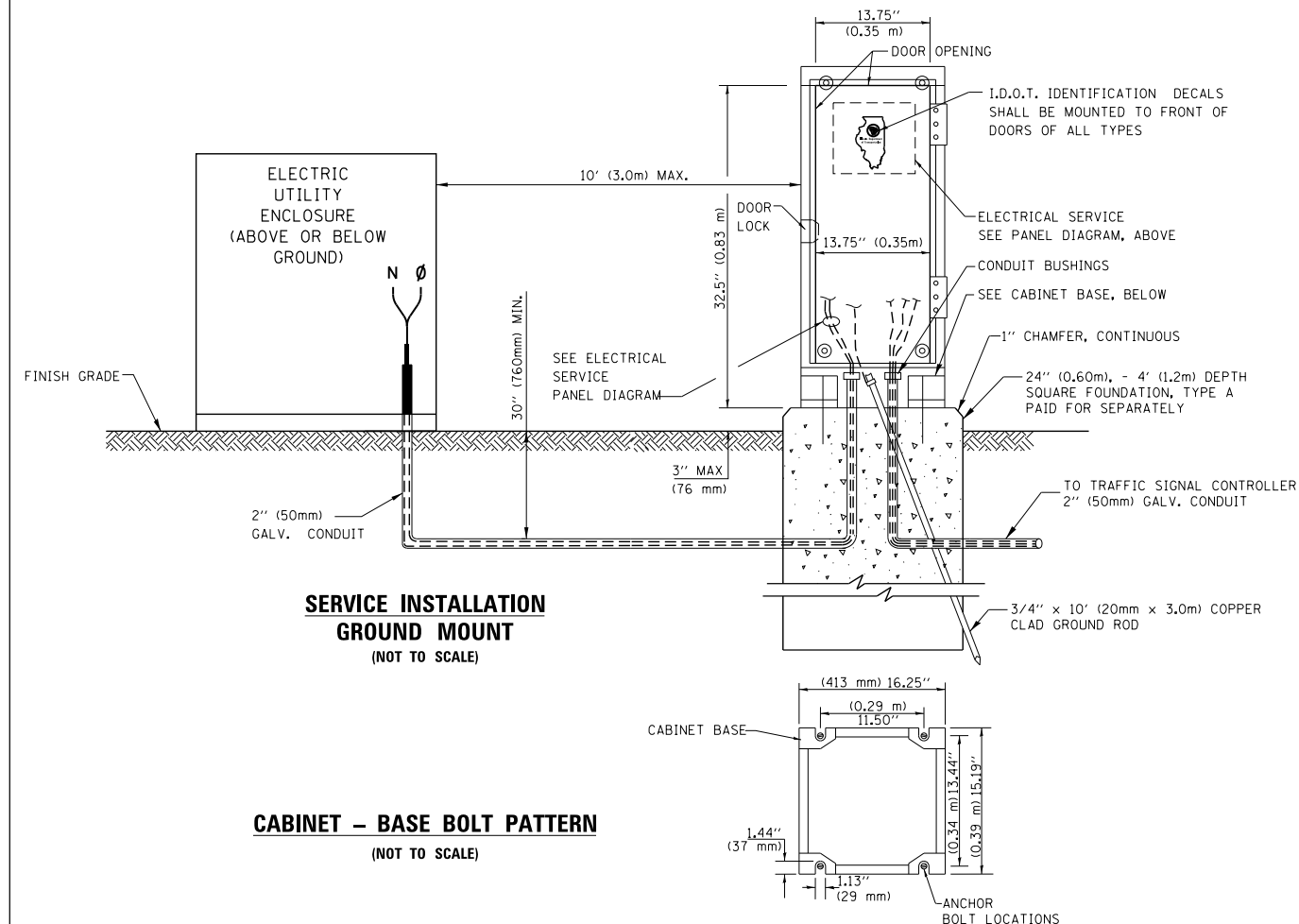
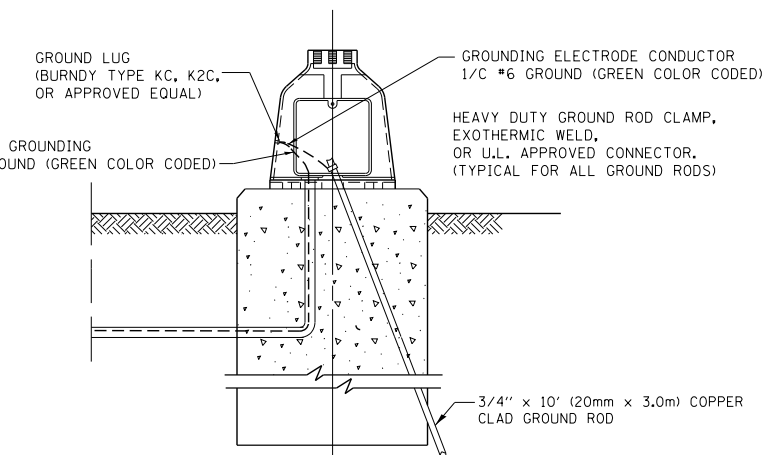
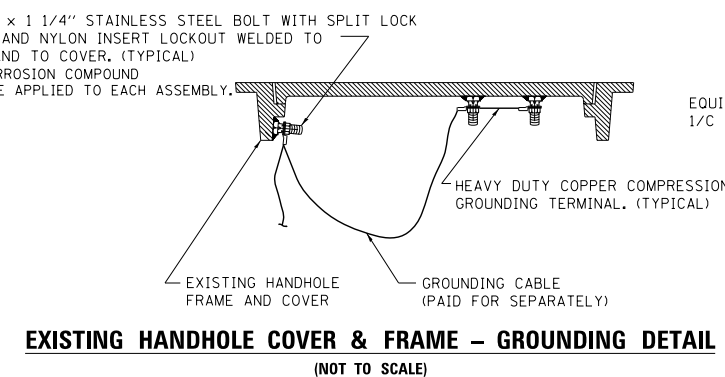
NOTES:
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN ENCLOSED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

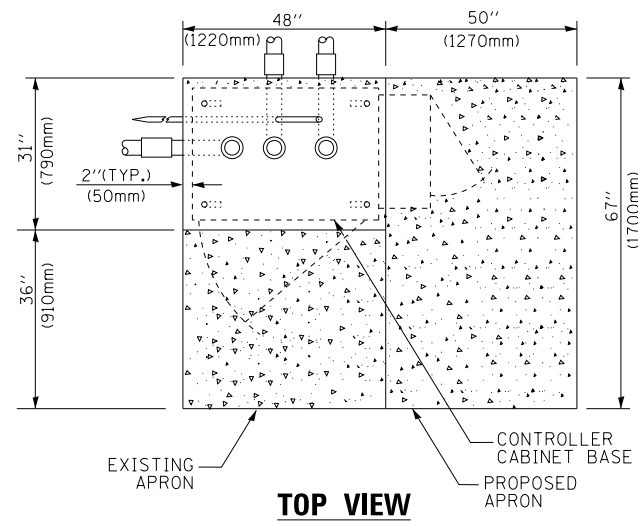


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		DATE - 10-28-09	REVISED -

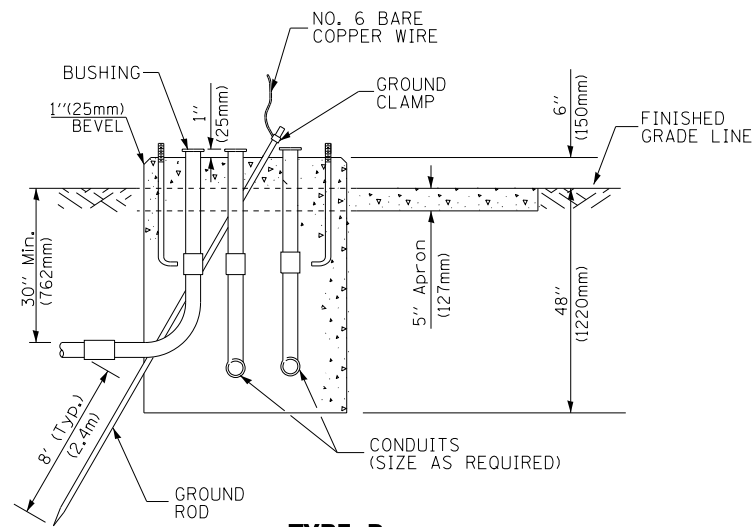
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 4 OF 7 SHEETS	STA.	TO STA.

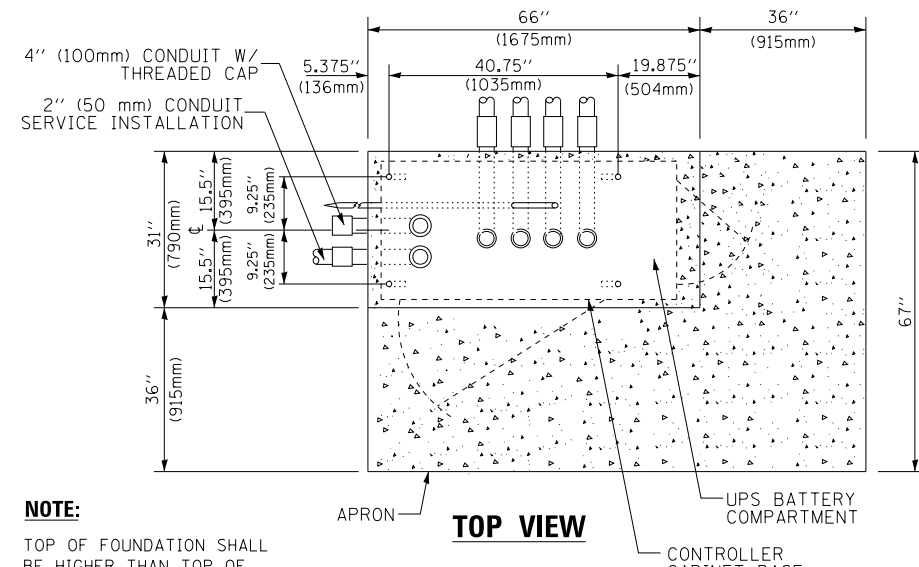
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	91
TS-05		CONTRACT NO. 60W99		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TOP VIEW



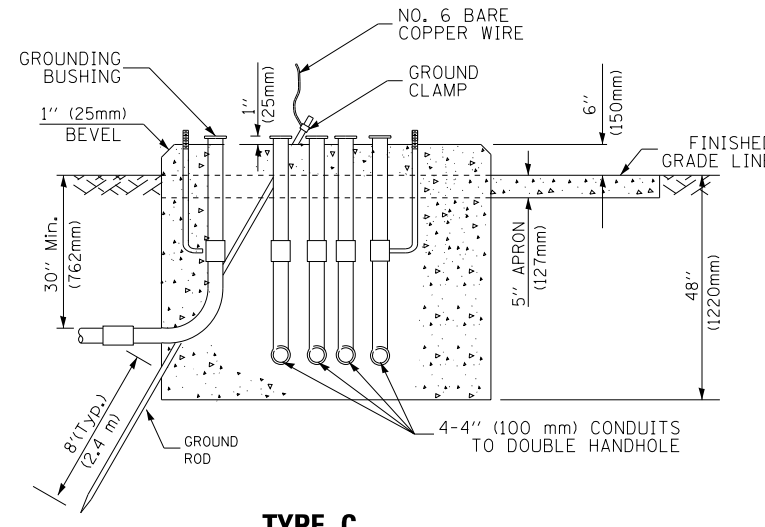
**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



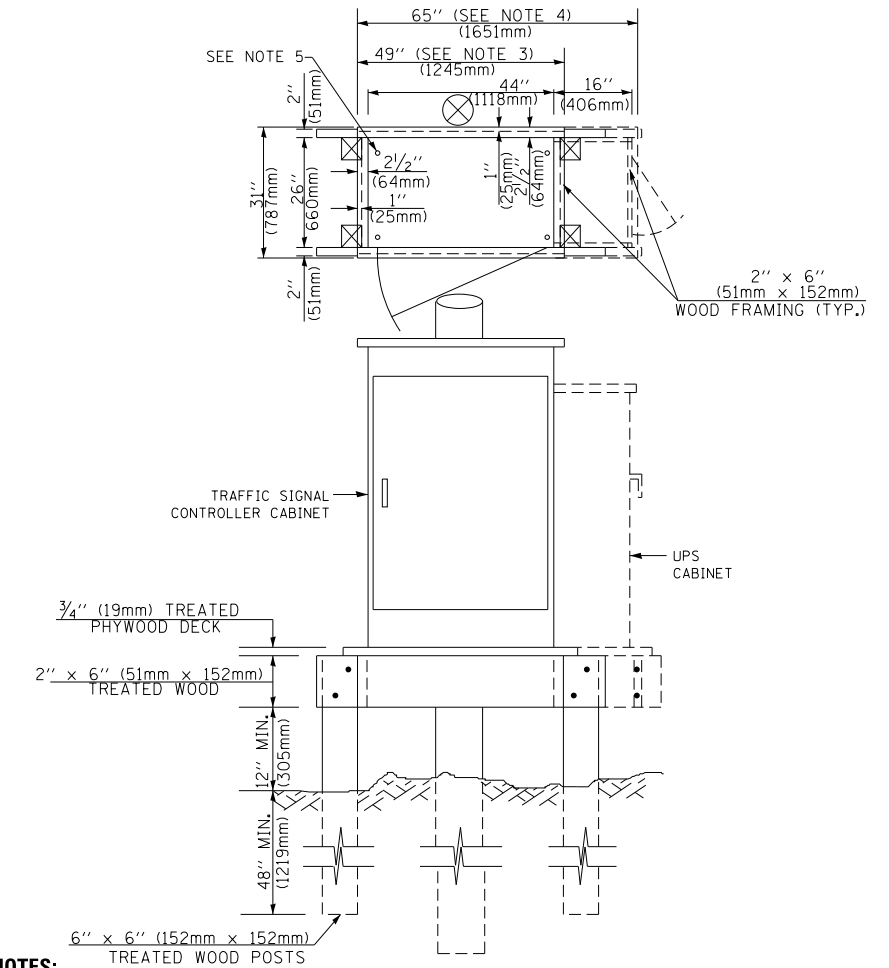
TOP VIEW

NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m) and up to 85' (25.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

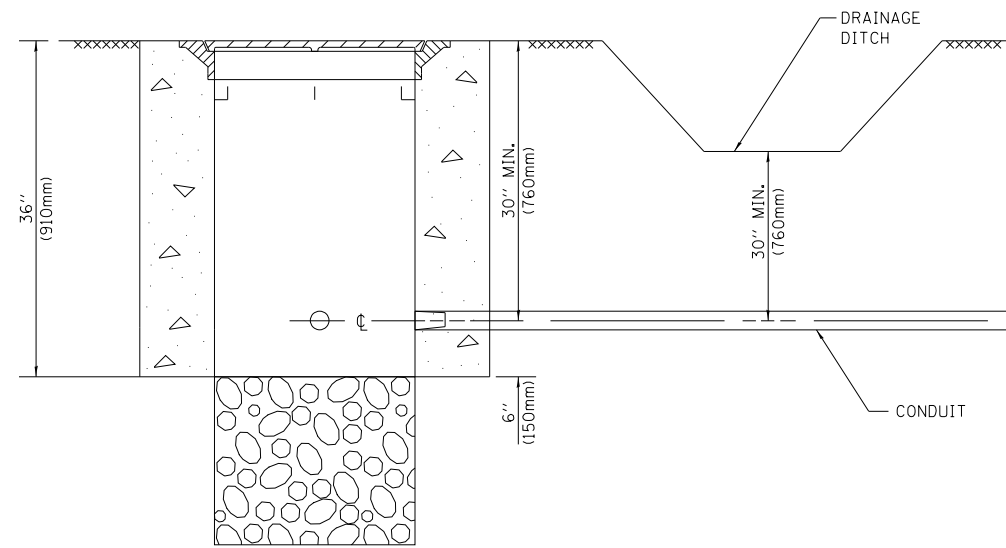
DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 5 OF 7 SHEETS	STA.	TO STA.

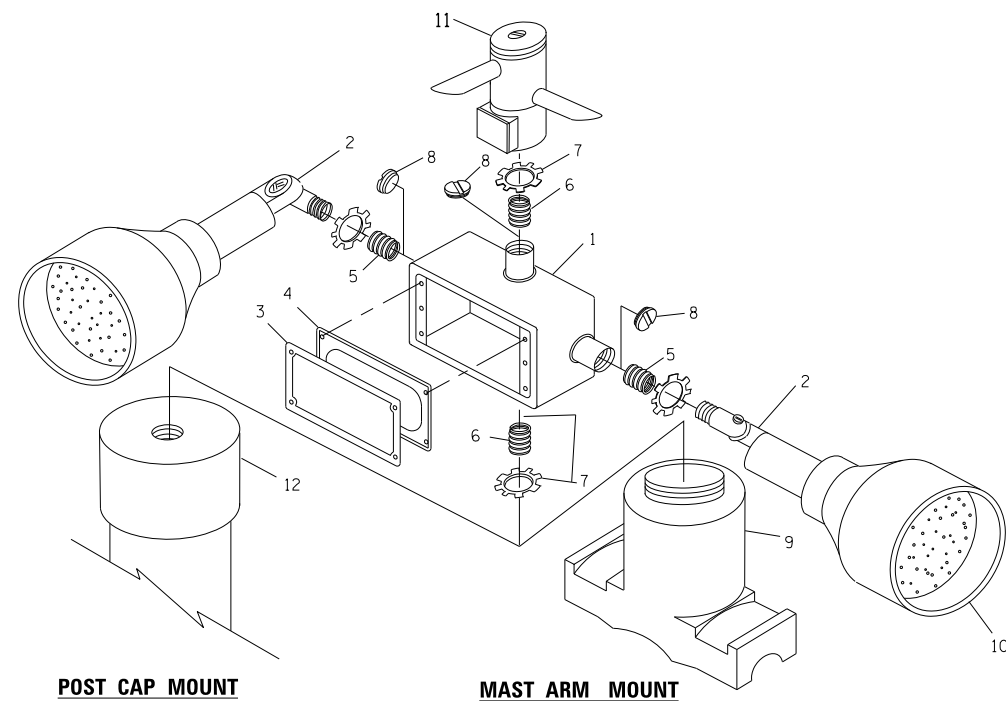
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-05		CONTRACT NO. 60W99		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



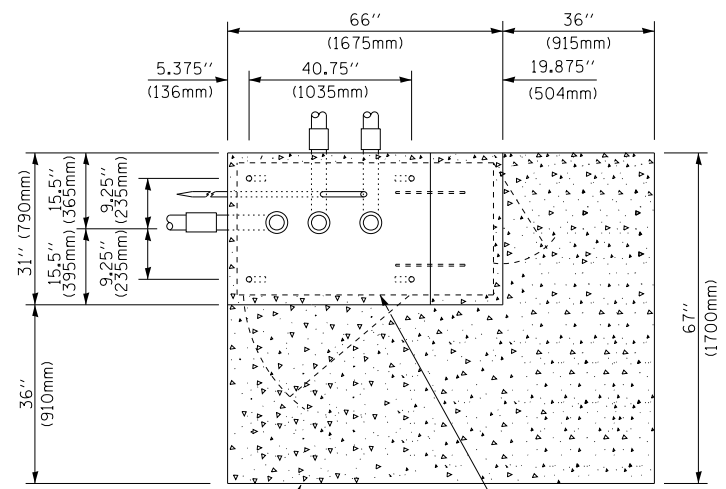
NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

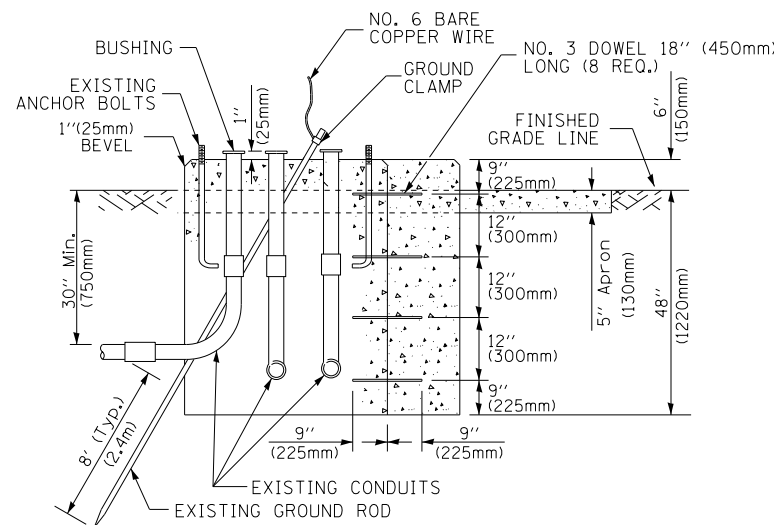
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



TOP VIEW
(NOT TO SCALE)

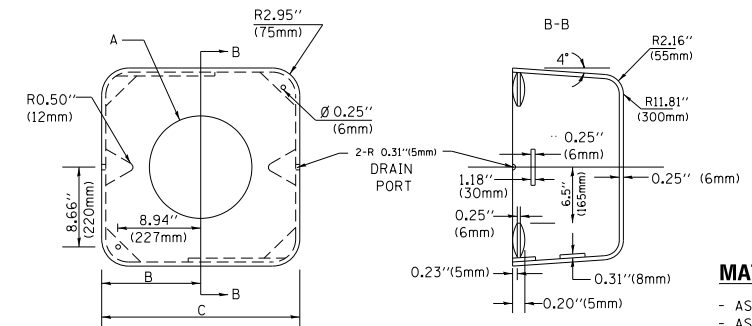


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-0-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



MATERIAL:
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

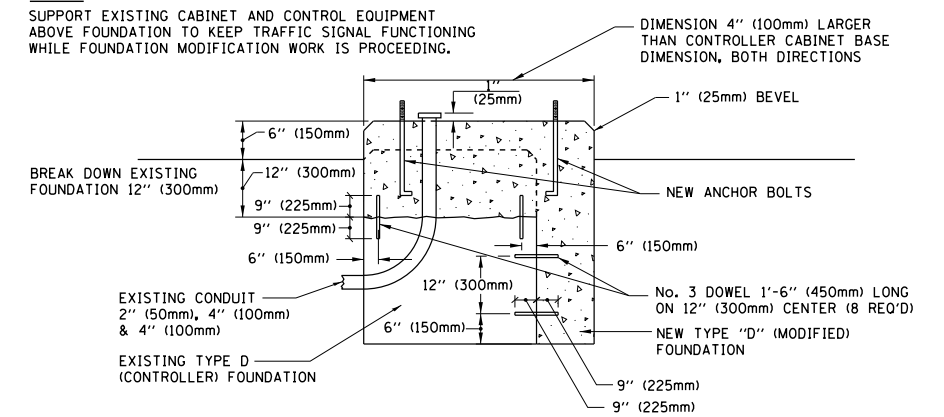
SHROUD

NOTES:

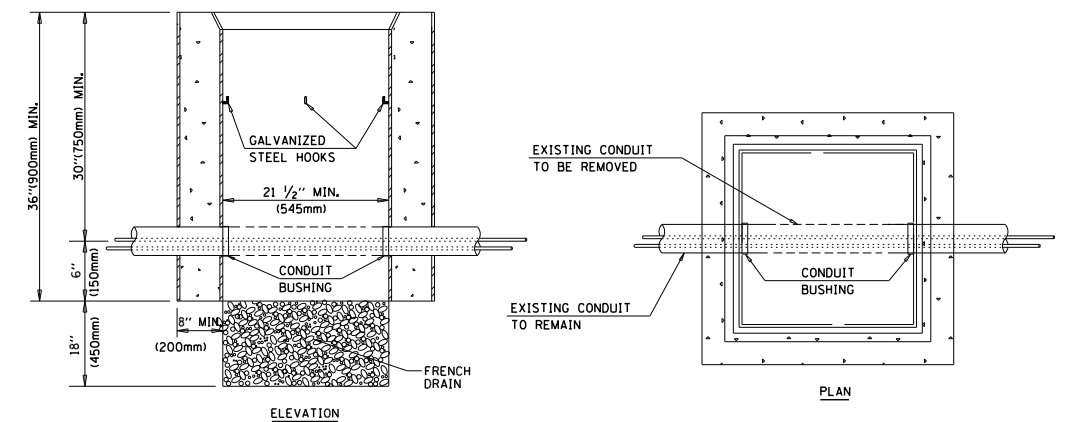
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

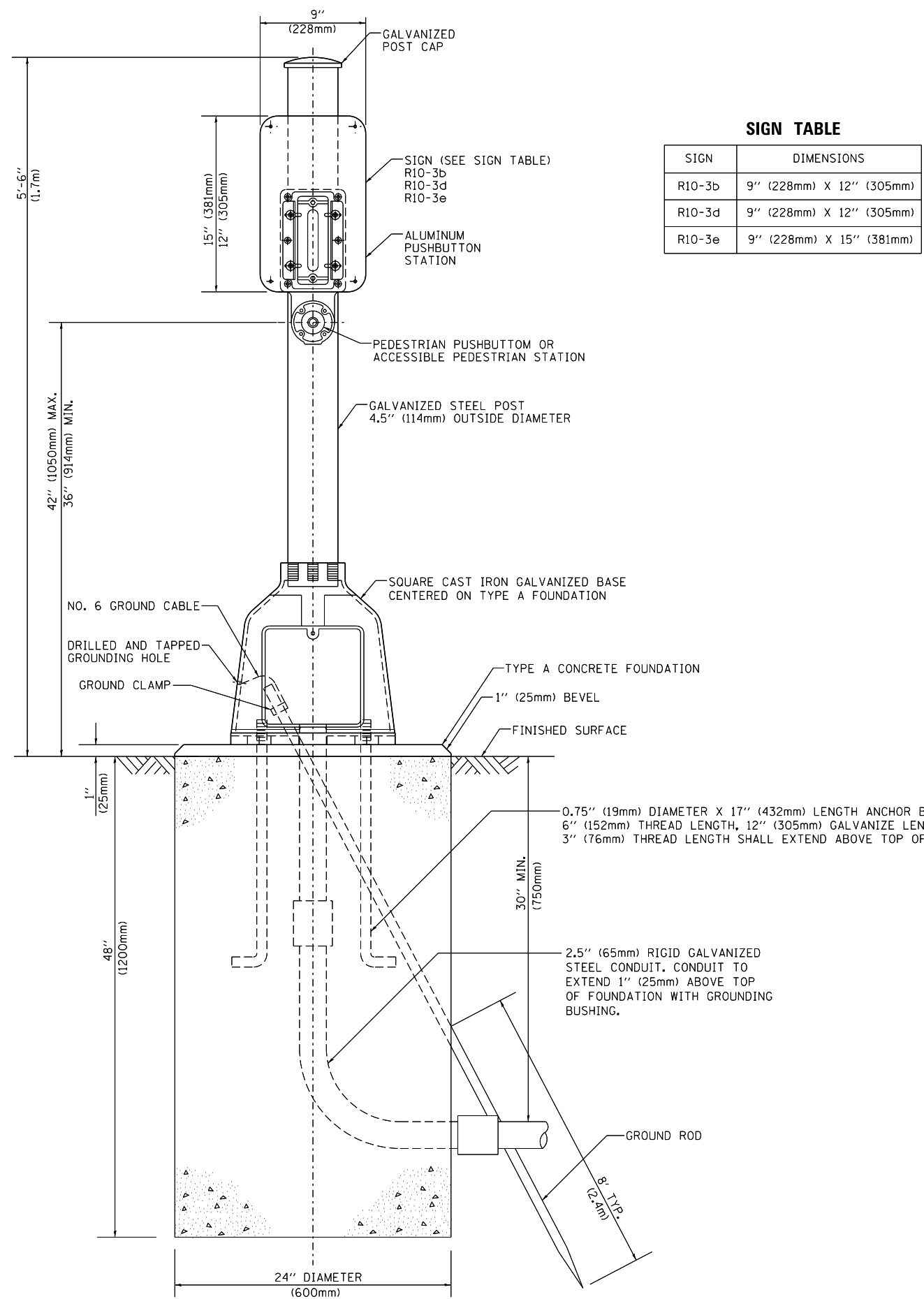
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

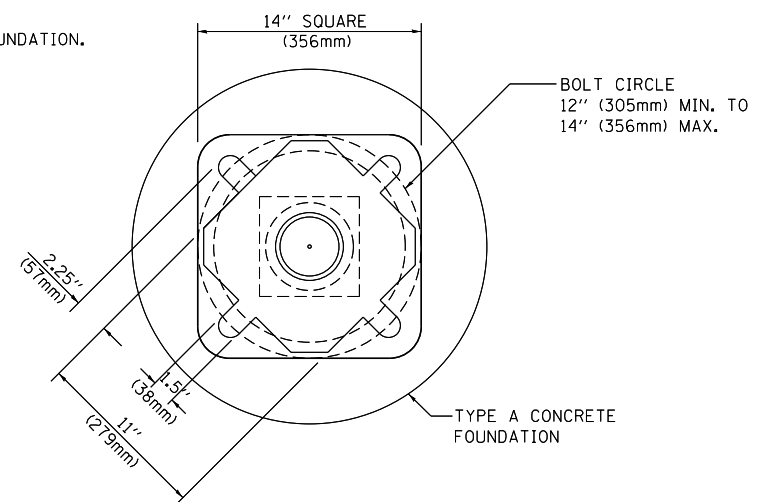
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	93
TS-05		CONTRACT NO. 60W99		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN

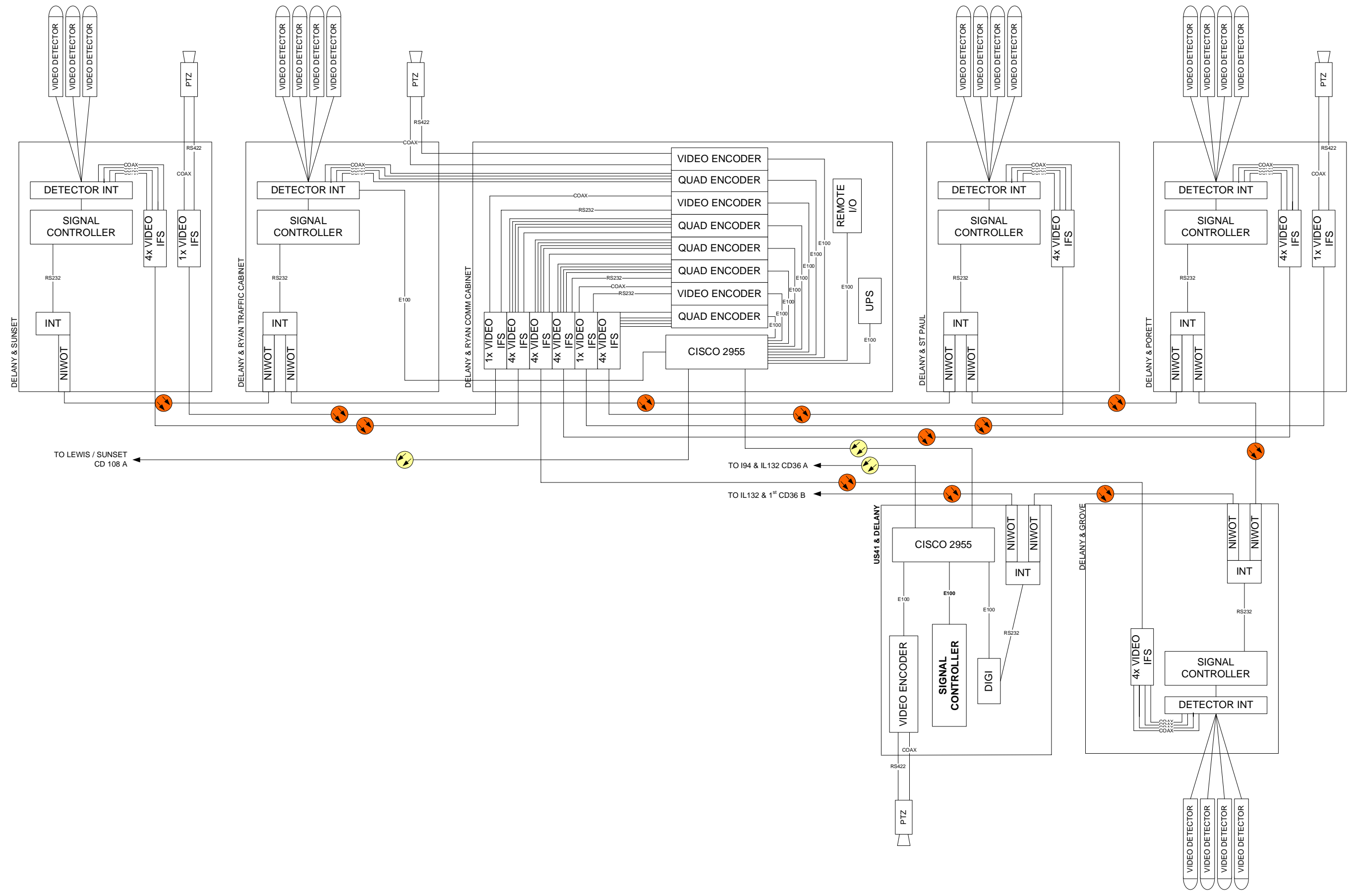
PEDESTRIAN PUSH BUTTON POST, TYPE A

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 7 OF 7 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-05		CONTRACT NO. 60W99		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



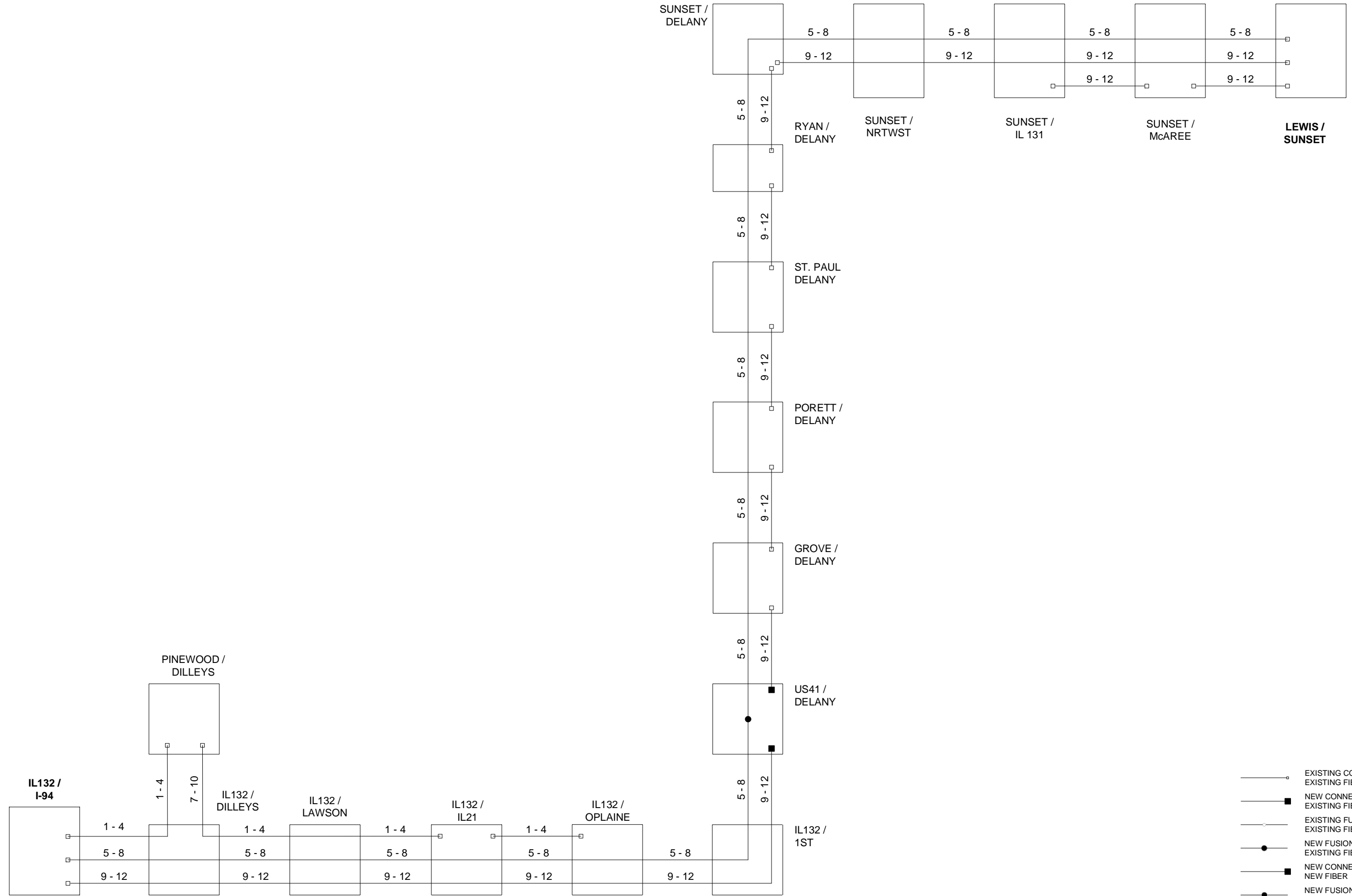
DESIGNED - DG	REVISED - 2014.12.02
DRAWN - YM	REVISED -
CHECKED - DG	REVISED -
DATE 2013.04.07	REVISED -

LAKE COUNTY
DIVISION OF TRANSPORTATION

108D
LEWIS / SUNSET

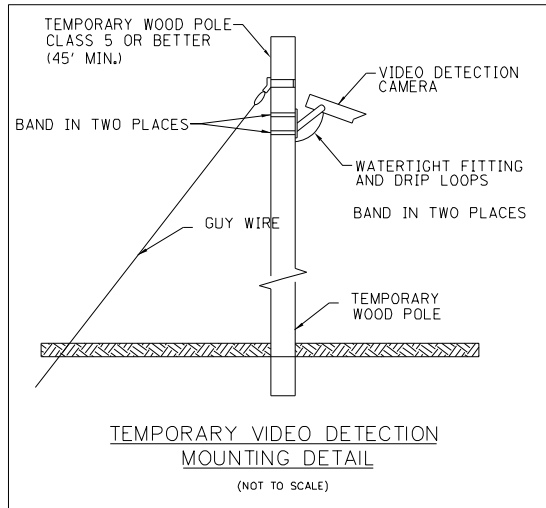
ROUTE	SECTION	ROUTE SECTION	SHEET	SHEETS
346		2013-0531	95B	135

SCALE N/A



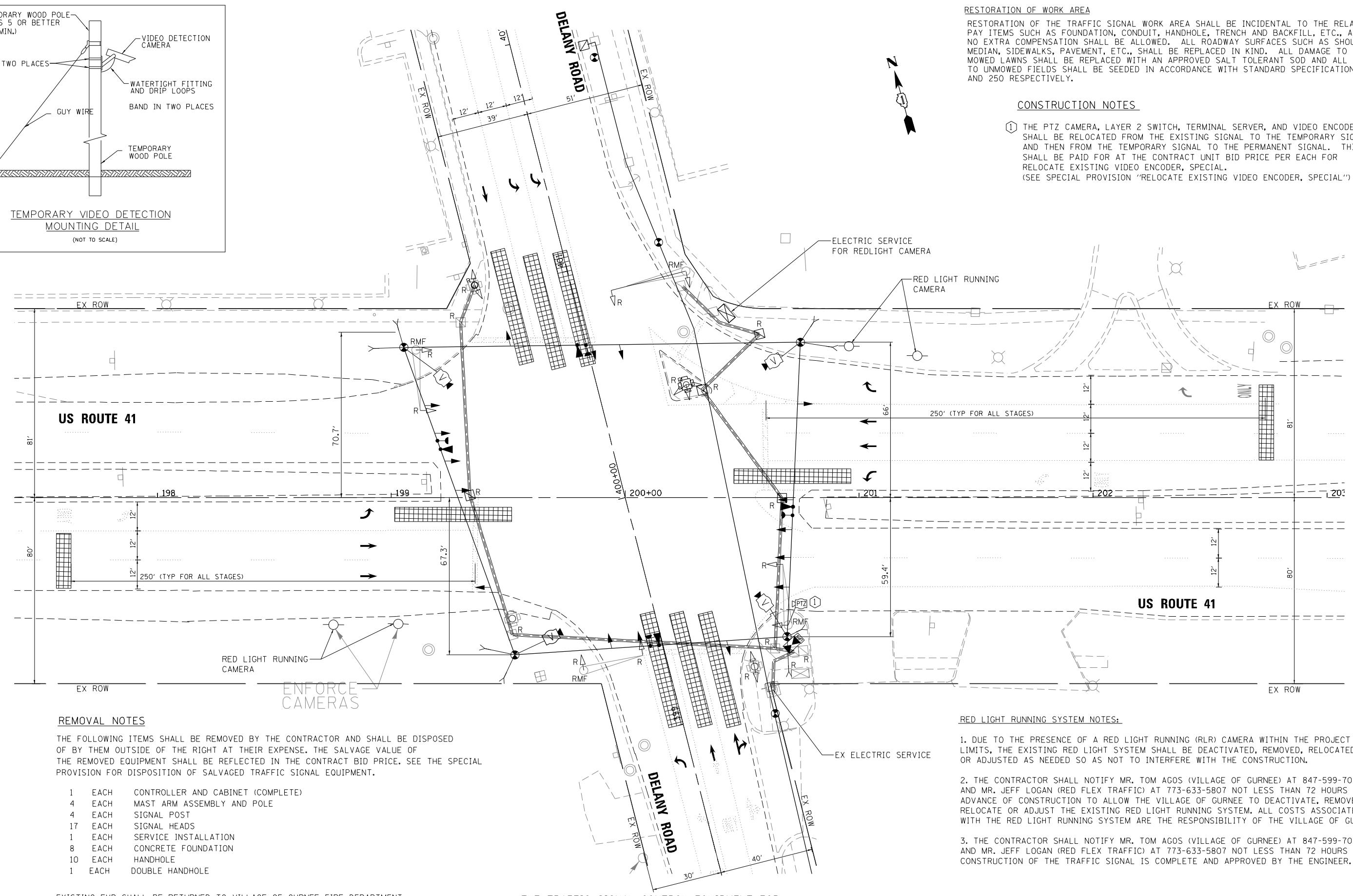
- EXISTING CONNECTOR / EXISTING FIBER
- NEW CONNECTOR / EXISTING FIBER
- EXISTING FUSION SPLICE / EXISTING FIBER
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- NEW CONNECTOR / NEW FIBER
- NEW FUSION SPLICE / NEW FIBER

	DESIGNED - DG	REVISED -	LAKE COUNTY DIVISION OF TRANSPORTATION	FIBER SPLICING DIAGRAM DELANY / US41		ROUTE	SECTION	ROUTE SECTION	SHEET	SHEETS
	DRAWN - YM	REVISED -				346		2013-0531	96	135
	CHECKED - DG	REVISED -								
	DATE 2014/12/05	REVISED -								
				SCALE N/A						



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

CONSTRUCTION NOTES
 ① THE PTZ CAMERA, LAYER 2 SWITCH, TERMINAL SERVER, AND VIDEO ENCODER SHALL BE RELOCATED FROM THE EXISTING SIGNAL TO THE TEMPORARY SIGNAL, AND THEN FROM THE TEMPORARY SIGNAL TO THE PERMANENT SIGNAL. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT BID PRICE PER EACH FOR RELOCATE EXISTING VIDEO ENCODER, SPECIAL.
 (SEE SPECIAL PROVISION "RELOCATE EXISTING VIDEO ENCODER, SPECIAL")



REMOVAL NOTES

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE OF THE RIGHT AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE. SEE THE SPECIAL PROVISION FOR DISPOSITION OF SALVAGED TRAFFIC SIGNAL EQUIPMENT.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 4 EACH MAST ARM ASSEMBLY AND POLE
- 4 EACH SIGNAL POST
- 17 EACH SIGNAL HEADS
- 1 EACH SERVICE INSTALLATION
- 8 EACH CONCRETE FOUNDATION
- 10 EACH HANDHOLE
- 1 EACH DOUBLE HANDHOLE

EXISTING EVP SHALL BE RETURNED TO VILLAGE OF GURNEE FIRE DEPARTMENT.

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

RED LIGHT RUNNING SYSTEM NOTES:

1. DUE TO THE PRESENCE OF A RED LIGHT RUNNING (RLR) CAMERA WITHIN THE PROJECT LIMITS, THE EXISTING RED LIGHT SYSTEM SHALL BE DEACTIVATED, REMOVED, RELOCATED OR ADJUSTED AS NEEDED SO AS NOT TO INTERFERE WITH THE CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY MR. TOM AGOS (VILLAGE OF GURNEE) AT 847-599-7080 AND MR. JEFF LOGAN (RED FLEX TRAFFIC) AT 773-633-5807 NOT LESS THAN 72 HOURS IN ADVANCE OF CONSTRUCTION TO ALLOW THE VILLAGE OF GURNEE TO DEACTIVATE, REMOVE, RELOCATE OR ADJUST THE EXISTING RED LIGHT RUNNING SYSTEM. ALL COSTS ASSOCIATED WITH THE RED LIGHT RUNNING SYSTEM ARE THE RESPONSIBILITY OF THE VILLAGE OF GURNEE.
3. THE CONTRACTOR SHALL NOTIFY MR. TOM AGOS (VILLAGE OF GURNEE) AT 847-599-7080 AND MR. JEFF LOGAN (RED FLEX TRAFFIC) AT 773-633-5807 NOT LESS THAN 72 HOURS AFTER CONSTRUCTION OF THE TRAFFIC SIGNAL IS COMPLETE AND APPROVED BY THE ENGINEER.



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 PLOT SCALE = 48.00000 / 1"
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DATE - 12/18/2014	REVISED -

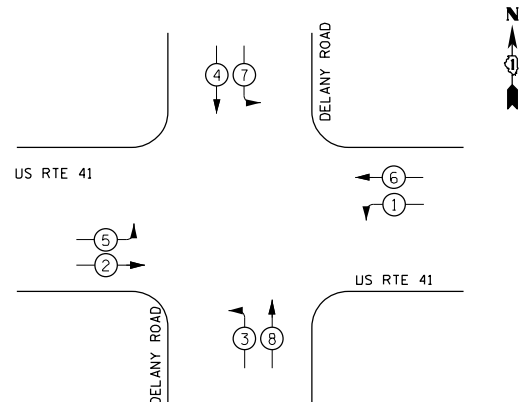
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY) AT DELANY ROAD
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN

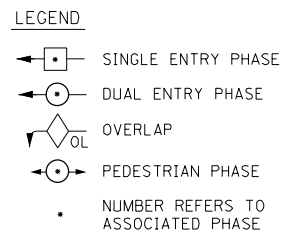
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60W99	

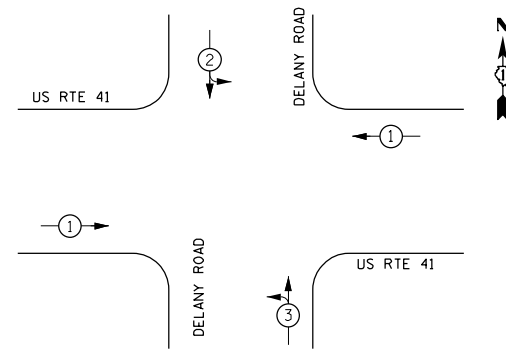
PROPOSED CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	1	2	3
MOVEMENT	↔	↕	↗

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE L.E.D.	OPERATION	
SIGNAL (RED)	12	17	0.50	102
(YELLOW)	12	25	0.25	75
(GREEN)	12	15	0.25	45
ARROW	16	12	0.10	19.2
PED. SIGNAL		25	1.00	
CONTROLLER	1	100	1.00	100
ILLUM. SIGN		120	0.05	
VIDEO SYSTEM	1	150	1.00	150
FLASHER			0.50	
TOTAL				491.20

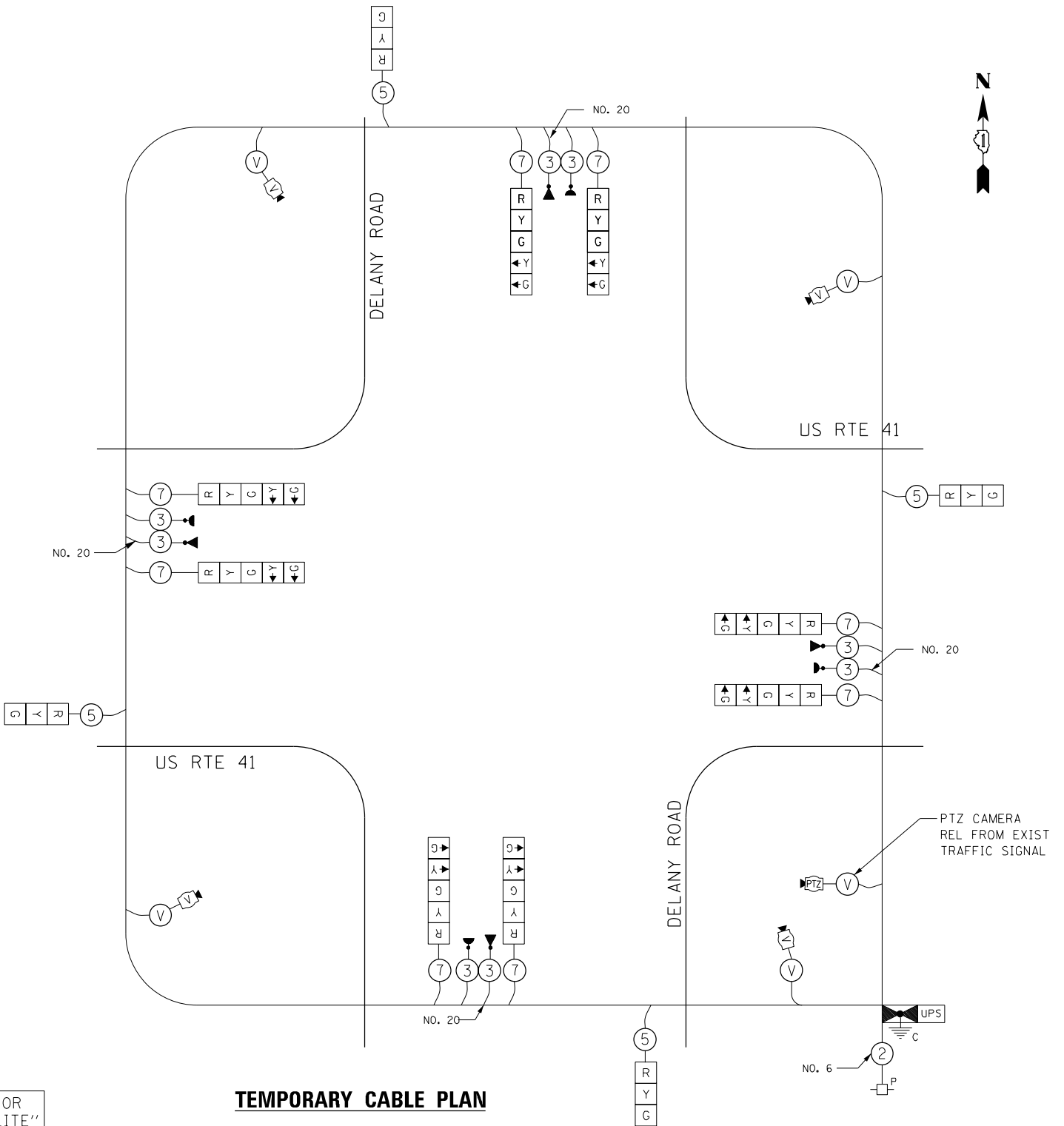
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 W. CENTER CT/SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY - CONTACT: TERRI BLECK
PHONE: 847-816-1500
COMPANY: COMMONWEALTH EDISON

NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR MICROPROCESSOR BASE WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1 INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC STAGING ARE IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
- UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
- TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
- DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
- WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

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



TEMPORARY CABLE PLAN

CONSTRUCTION NOTES

- TEMPORARY OVERHEAD INTERCONNECT INTALLED SEE TEMPORARY INTERCONNECT PLAN

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 41 (SKOKIE HIGHWAY)
TEMPORARY TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**

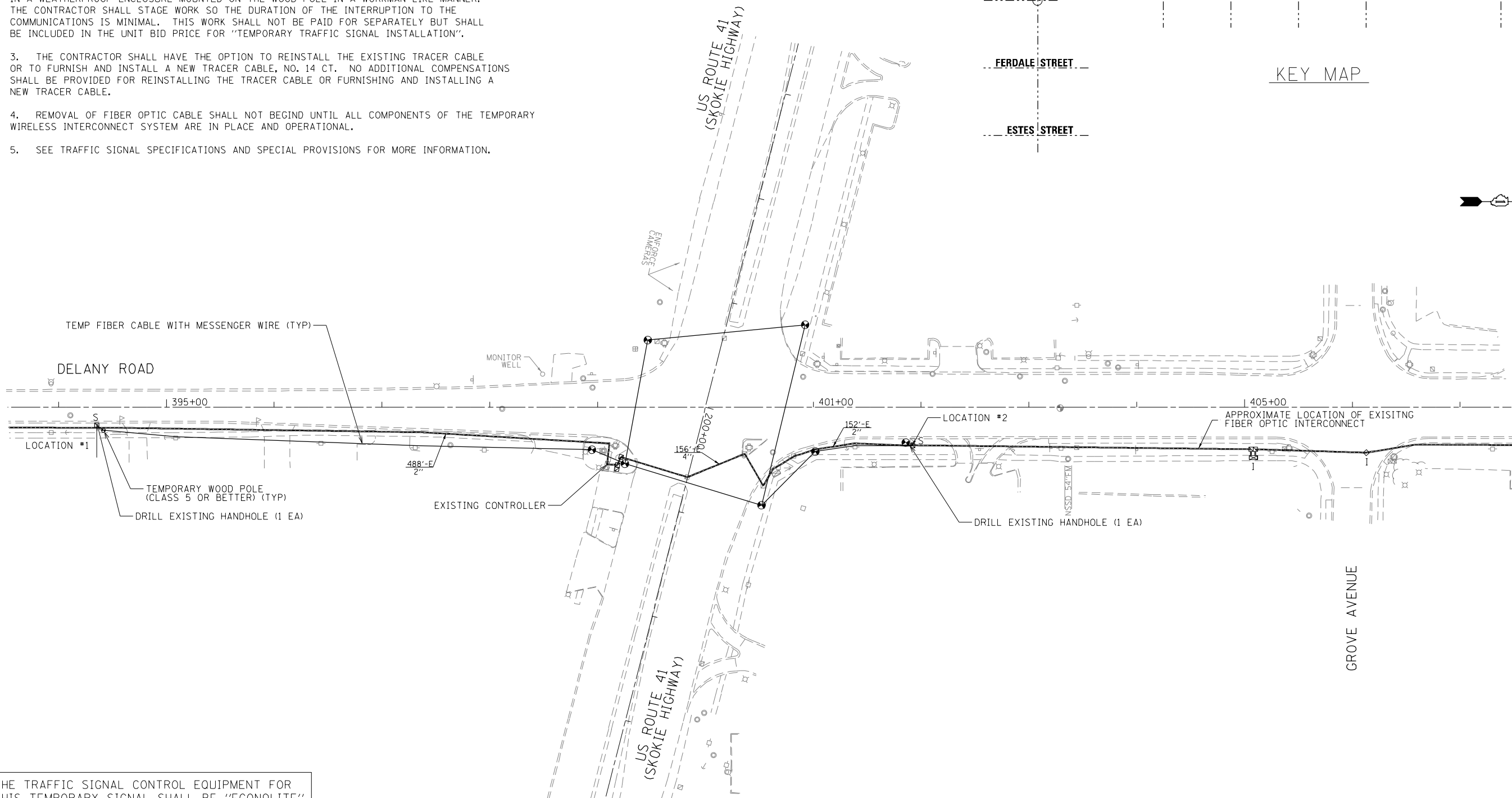
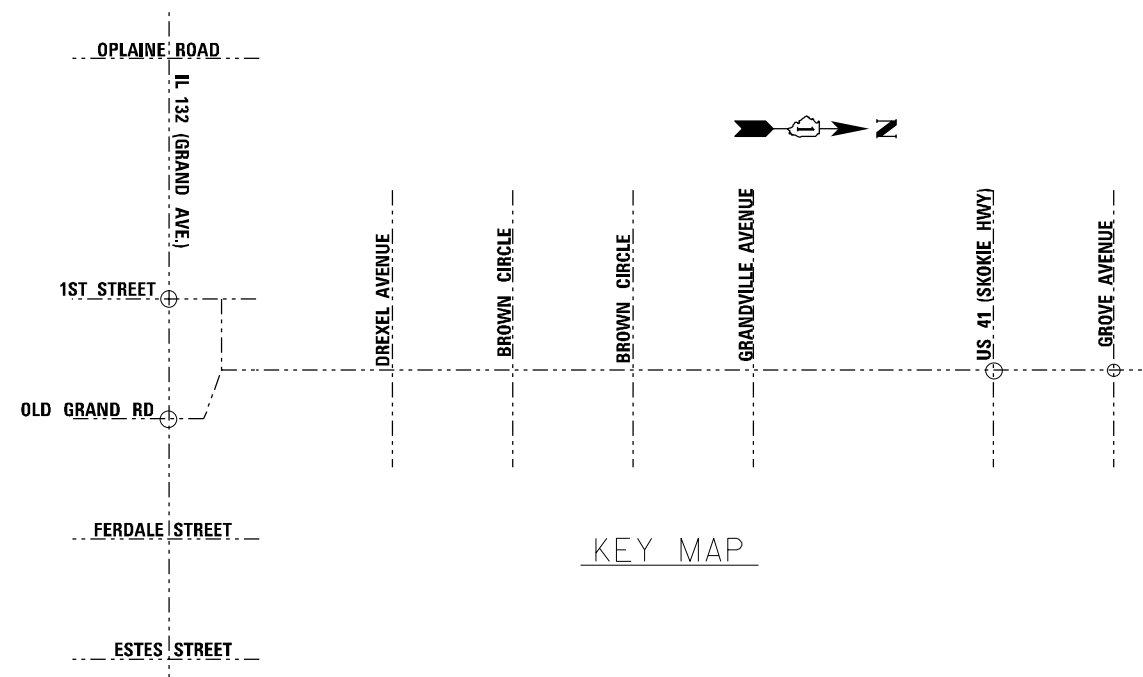
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	98
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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NOTES:

- EXISTING FIBER OPTIC CABLE AND TRACER CABLE SHALL BE PULLED OUT OF THE EXISTING CONDUIT. THE FIRST PULL SHALL START AT THE EXISTING CONTROLLER CABINET AT SOUTHEAST CORNER OF US ROUTE 41 AND DELANY ROAD AND CONTINUE TO FIRST EXISTING HANDHOLE LOCATED SOUTH OF THE INTERSECTION. THIS IS NOTED AS LOCATION #1 ON THE PLANS. THE SECOND PULL SHALL START AT THE EXISTING CONTROLLER CABINET AT SOUTHEAST CORNER OF US ROUTE 41 AND DELANY ROAD AND CONTINUE TO FIRST EXISTING HANDHOLE LOCATED NORTH OF THE INTERSECTION. THIS IS NOTED AS LOCATION #2 ON THE PLANS. THE PULLED CABLE SHALL BE COILED AND STORED FOR FUTURE USE. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT AS "REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT".
- A RUN OF TEMPORARY FIBER CABLE SHALL BE INSTALLED BETWEEN LOCATION #1 AND LOCATION #2. THE TEMPORARY FIBER CABLE SHALL BE SUSPENDED ON TEMPORARY WOOD POLES (AERIAL RUN). THE TEMPORARY FIBER AND EXISTING FIBER SHALL BE SPLICED IN A WEATHERPROOF ENCLOSURE MOUNTED ON THE WOOD POLE IN A WORKMAN LIKE MANNER. THE CONTRACTOR SHALL STAGE WORK SO THE DURATION OF THE INTERRUPTION TO THE COMMUNICATIONS IS MINIMAL. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- THE CONTRACTOR SHALL HAVE THE OPTION TO REINSTALL THE EXISTING TRACER CABLE OR TO FURNISH AND INSTALL A NEW TRACER CABLE, NO. 14 CT. NO ADDITIONAL COMPENSATIONS SHALL BE PROVIDED FOR REINSTALLING THE TRACER CABLE OR FURNISHING AND INSTALLING A NEW TRACER CABLE.
- REMOVAL OF FIBER OPTIC CABLE SHALL NOT BEGIND UNTIL ALL COMPONENTS OF THE TEMPORARY WIRELESS INTERCONNECT SYSTEM ARE IN PLACE AND OPERATIONAL.
- SEE TRAFFIC SIGNAL SPECIFICATIONS AND SPECIAL PROVISIONS FOR MORE INFORMATION.



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

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DATE - 12/18/2014	REVISED -

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DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY) AT DELANY RD
TEMPORARY INTERCONNECT SYSTEM

SCALE: SHEET NO. OF SHEETS STA. TO STA.

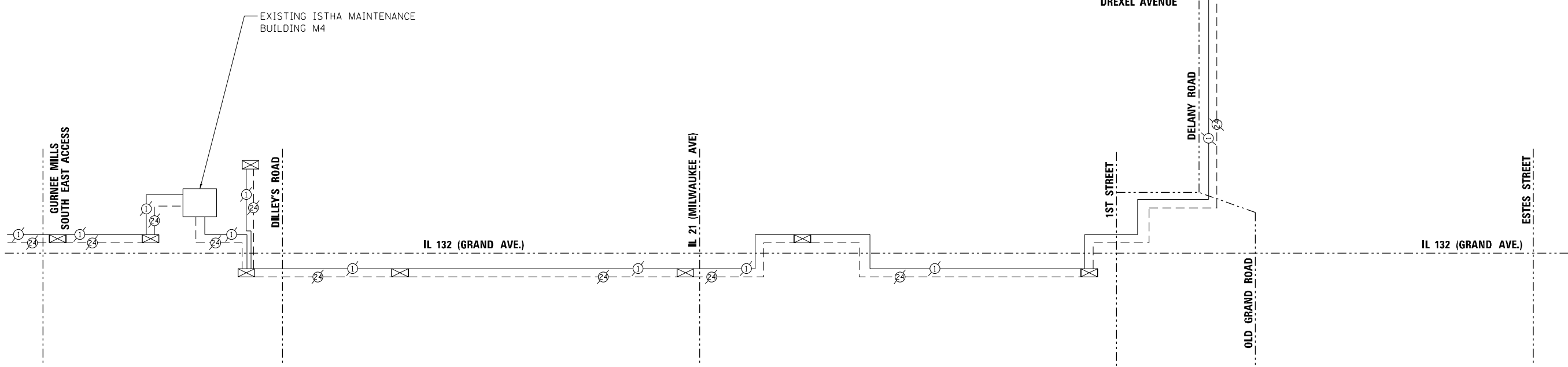
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	99
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W99	

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



NOTES:
 1. ALL WORK SPECIFIED IN THE TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN SHALL BE COMPLETED ACCORDING TO IDOT STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2012, AND DISTRICT ONE TRAFFIC SIGNAL SPECIFICATIONS REVISED JANUARY 1, 2012.
 2. THE CONTRACT SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING TRAFFIC SIGNAL INSTALLATIONS AT US 41/DELANY ROAD. THIS INCLUDES THE TRAFFIC SIGNAL INTERCONNECT SYSTEM BETWEEN THE INTERSECTIONS.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41 (SKOKIE HIGHWAY)
TEMPORARY INTERCONNECT SCHEMATIC

SCALE: - SHEET NO. OF SHEETS STA. - TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2013-0531	LAKE	135	100
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 60W99

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