

222 SOUTH RIVERSIDE PLAZA, SUITE 2320  
CHICAGO, IL 60606  
(312) 669-9601 FAX (312) 669-9606



DISTRICT 1 - BUREAU OF DESIGN - PROJECT MANAGER: MR. BRIAN KUTTAB, P.E. (847) 705-4431

FOR INDEX OF SHEETS, SEE SHEET NO. 2

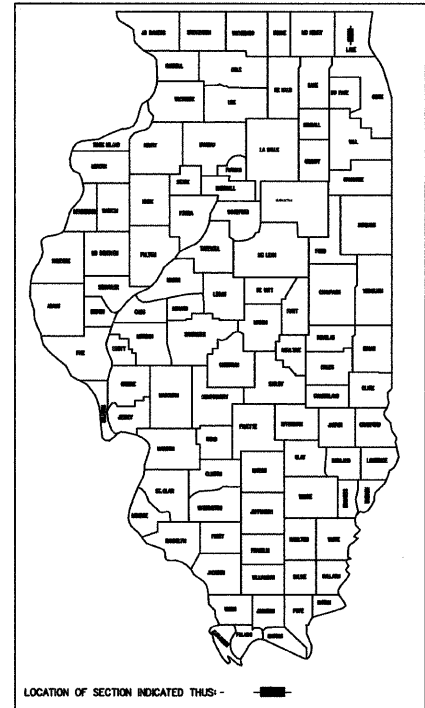
PROJECT LOCATED IN:  
VILLAGE OF GRAYSLAKE,  
VILLAGE OF THIRD LAKE, AND  
UNINCORPORATED LAKE COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
HIGHWAY**

F.A.P. ROUTE 344 (U.S. ROUTE 45)  
ILLINOIS ROUTE 120 (BELVIDERE ROAD)  
TO WASHINGTON STREET  
ROADWAY RECONSTRUCTION, ADD LANES, AND TRAFFIC SIGNAL MODERNIZATION  
SECTION: (46-1S&47) WRS-2

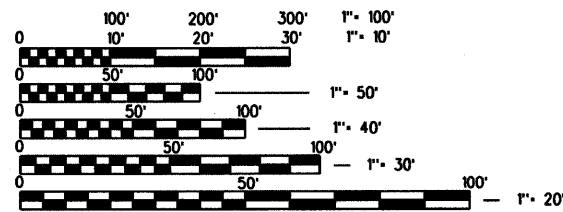
LAKE COUNTY  
C-91-208-00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47)WRS-2	LAKE	234	1
F.H.W.A. REG. 7	ILLINOIS	PROJECT		
D-91-208-00		Contract No. 60956		



DESIGN DESIGNATION:

U.S. ROUTE 45  
POSTED SPEED 40MPH STA 343+59.42 TO 1136+02  
45MPH STA 1136+02 TO 1181+30  
DESIGN SPEED 45MPH  
ADT 22,900 (2007)  
2,700 (10) MAJOR ARTERIAL 5.51 (PCC-20)

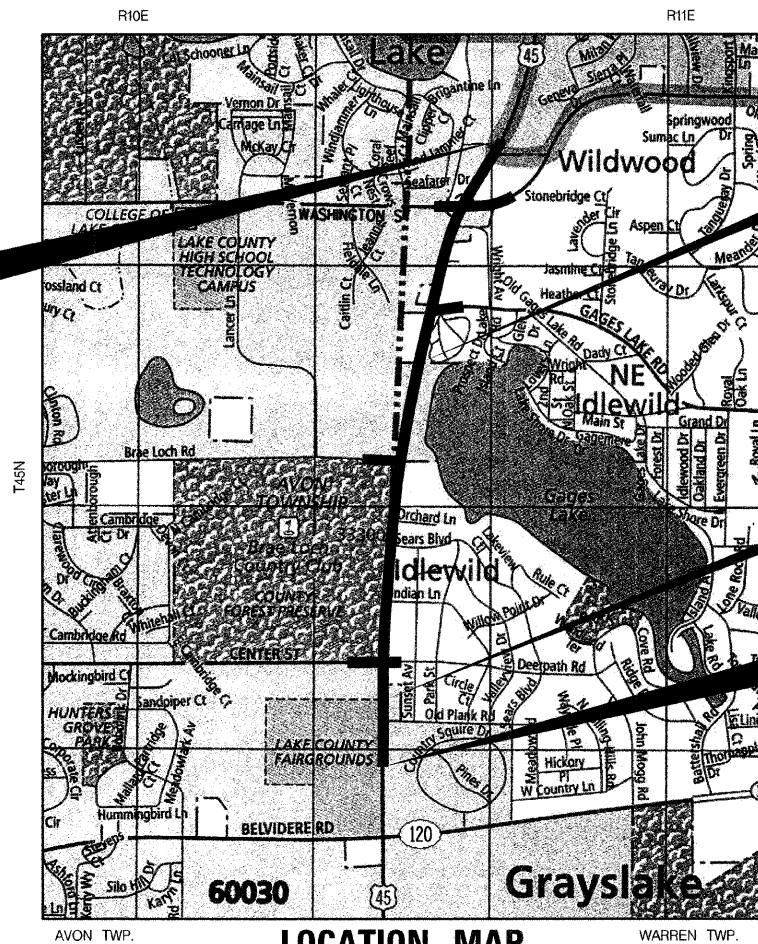


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
(800) 892-0123 AND LAKE COUNTY PUBLIC WORKS (847) 323-1600

PROJECT ENDS  
U.S. ROUTE 45  
STATION 1179+09.87

LOCATION MAP SCALE  
SCALE 1 : 13,500



STATION EQUATION:  
STA 1150+06.30 BK =  
STA 1150+03.65 AH

DESCRIPTION OF PROJECT  
THIS PROJECT CONSISTS OF EARTH EXCAVATION, CONSTRUCTION OF STORM SEWERS AND DRAINAGE STRUCTURES, ROADWAY RECONSTRUCTION, MODERNIZATION OF TRAFFIC SIGNALS, AND LANDSCAPING.

STATION EQUATION:  
STA 346+84.01 BK =  
STA 1100+35.69 AH

PROJECT BEGINS  
U.S. ROUTE 45  
STATION 343+59.42



12-3-09  
MICHAEL J. LEV, P.E.  
NO. 062-055367  
EXP. DATE 11/30/11  
TRANSYSTEMS

SEAL

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED: DECEMBER 8, 2009  
Dimon M. O'Keefe DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
March 19, 2010  
Scott E. Stitt P.E. ENGINEER OF DESIGN AND ENVIRONMENT  
March 19, 2010  
Christine M. Reed DIRECTOR, DIVISION OF HIGHWAYS

CONTRACT NO. 60956

COUNTY: LAKE

ROUTE: FAP 344

SECTION: (46-1S&47) WRS-2

PROJECT GROSS LENGTH = 8,196.12 FEET (1.55 MILES)  
NET LENGTH = 8,196.12 FEET (1.55 MILES)

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THE STATE OF ILLINOIS

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	146-158471WRS-2	LAKE	234	2
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

**GENERAL NOTES**

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. IN ADDITION, THE CONTRACTOR SHALL CONTACT THE VILLAGES OF GRAYSLAKE AND THIRD LAKE AND LAKE COUNTY FOR FIELD LOCATIONS OF WATER MAIN, SANITARY SEWER, ELECTRIC, AND ALL MUNICIPAL UTILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)

THE CONTRACTOR SHALL CONTACT DEBBIE HANLON, AREA TRAFFIC FIELD TECHNICIAN, AT (847) 438-2300 TWO WEEKS PRIOR TO THE INSTALLATION OF FINAL PAVEMENT MARKINGS.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGES OF GRAYSLAKE, WILDWOOD, THIRD LAKE, AND LAKE COUNTY.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.

10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO THE EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR II BARRICADE USED. (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.) TYPE III BARRICADES SHALL HAVE FOUR (4) WEIGHTED SANDBAGS.

WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

ALL STORM SEWER CONNECTIONS WITH PIPES 27" DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 27" DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST TEE AND WYE PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF STORM SEWER.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN TRAVEL LANES SHALL NOT EXCEED 1.5" WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1" WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3" MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H)

BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

ALL SAW CUTS REQUIRED FOR ANY WORK UNDER THIS CONTRACT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

THIS PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS 404 PERMIT. THE PERMIT ISSUED TO THE DEPARTMENT DOES NOT COVER IN STREAM/LAKE WORK BY THE CONTRACTOR; THEREFORE, AFTER AWARD, THE CONTRACTOR WILL NEED TO COORDINATE AND HAVE HIS WORK PLAN APPROVED BY THE CORPS. GUIDELINES ON ACCEPTABLE IN STREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS WEBSITE AT [HTTPS://WWW.LRC.USACE.ARMY.MIL](https://www.lrc.usace.army.mil).

THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

**COMMITMENTS:**

1. WIDENING OF OUTSIDE LANES OF U. S. ROUTE 45 TO 13 FEET BETWEEN GAGES LAKE ROAD AND WASHINGTON STREET TO ACCOMMODATE BICYCLISTS.

2. ALLOWANCE OF PASSENGER CAR U-TURNS, PRIMARILY FOR RESIDENTIAL AND LIMITED COMMERCIAL ACCESS ALONG THE CORRIDOR. U-TURN MANEUVERS FOR PASSENGER CARS WILL BE ACCOMMODATED AT ALL INTERSECTIONS THROUGHOUT THE PROJECT.

3. EROSION CONTROL POLICY AND PROCEDURES IN CONSTRUCTION MEMORANDUM NO. 06-60 ARE TO BE FOLLOWED DURING CONSTRUCTION. TEMPORARY FENCES WILL BE INSTALLED ALONG THE CONSTRUCTION LIMITS ADJACENT TO ALL OF THE WETLANDS TO PREVENT DAMAGE FROM EQUIPMENT OR PERSONNEL. THE STORMWATER POLLUTION PREVENTION PLAN AND PROVISIONS FOR EROSION CONTROL HAVE BEEN INCORPORATED INTO THE CONSTRUCTION PLANS.

4. REPLACEMENT OF TREES REMOVED FROM PREVIOUS INTERIM ROADWAY IMPROVEMENTS TO U. S. ROUTE 45 AT GAGES LAKE ROAD (70 TREES) AND FROM ILLINOIS ROUTE 176 TO WINCHESTER ROAD (150 TREES). TREE REMOVAL HAS BEEN MITIGATED AS SHOWN ON THE LANDSCAPING SHEETS.

5. THE DEPARTMENT SHALL PROTECT AND PRESERVE ROADSIDE TREES ALONG STATE HIGHWAYS TO THE FULLEST EXTENT POSSIBLE CONSISTENT WITH STANDARDS OF HIGHWAY SAFETY. WHERE TREES MUST BE REMOVED, THE DEPARTMENT SHALL PURSUE OPPORTUNITIES FOR PROVIDING REPLACEMENT TREES IN SUITABLE LOCATIONS.

6. THE TREE RESTORATION ALONG THE FRONTAGE OF FOREST PRESERVE PROPERTY IS TO BE COORDINATED WITH LCFPD TO ENSURE THE PLANTING DESIGN IS IN ACCORDANCE WITH LCFPD DESIRES. VISUAL SCREENING IS TO BE PROVIDED ALONG THE FENCE LINE OF BRAE LOCH GOLF COURSE ADJACENT TO U. S. ROUTE 45 TO HELP SEPARATE THE GOLFERS FROM THE MOTORING PUBLIC. THE DETAILS OF THE LOCATION AND COMPOSITION OF THE SCREENING, AS SHOWN ON THE LANDSCAPING PLANS, HAS BEEN COORDINATED WITH THE LCFPD.

**STATE STANDARDS**

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2m) JOINTED PCC PAVEMENT
420111-02	PCC PAVEMENT ROUNDOUTS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375mm) THRU 36" (900mm) DIAMETER AT RIGHT ANGLES WITH ROADWAY
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600mm) THRU 54" (1300mm) PIPE)
542401-01	METAL END SECTION FOR PIPE CULVERTS
542501-02	INLET BOX TYPE 24 (600) A
542546-01	FLUSH INLET BOX FOR MEDIAN
542606-01	REINFORCED CONCRETE PIPE TEE
601001-03	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-01	CATCH BASIN, TYPE A
602011-01	CATCH BASIN, TYPE C
602301-02	INLET, TYPE A
602401-02	MANHOLE, TYPE A
602406-03	MANHOLE, TYPE A, 6' (1.8m) DIAMETER
602411-01	MANHOLE, TYPE A, 7' (2.1m) DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE I
604036-02	GRATE, TYPE 8
604056-03	FRAME AND GRATE, TYPE 11V
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24 (B-15.60)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
630001-08	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-06	TRAFFIC BARRIER TERMINAL, TYPE 2
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
664001-02	CHAIN LINK FENCE
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
701422-02	LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720016-02	MAST ARM MOUNTED STREET NAME SIGNS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-08	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

**INDEX OF SHEETS**

1	TITLE SHEET
2	INDEX OF SHEETS, GENERAL NOTES, STATE STANDARDS, COMMITMENTS
3-11	SUMMARY OF QUANTITIES
12-15	TYPICAL SECTIONS
16-17	SCHEDULE OF QUANTITIES
18	ALIGNMENT, TIES, AND BENCHMARKS
19-25	PLAN AND PROFILE - U.S. ROUTE 45
26	PLAN AND PROFILE - CENTER STREET / DEERPETH ROAD
27	PLAN AND PROFILE - BRAE LOCH ROAD
28	PLAN AND PROFILE - GAGES LAKE ROAD
29	PLAN AND PROFILE - WASHINGTON STREET
30	SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND NOTES
31-35	SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC - STAGE I
36-40	SUGGESTED CONSTRUCTION PROCEDURES AND MAINTENANCE OF TRAFFIC - STAGE II
41-46	EROSION CONTROL PLANS - STAGE I
47-52	EROSION CONTROL PLANS - STAGE II
53-59	DRAINAGE AND UTILITY PLANS - U.S. ROUTE 45
60	DRAINAGE AND UTILITY PLANS - CENTER STREET / DEERPETH ROAD
61	DRAINAGE AND UTILITY PLANS - BRAE LOCH ROAD
62	DRAINAGE AND UTILITY PLANS - GAGES LAKE ROAD
63	DRAINAGE AND UTILITY PLANS - WASHINGTON STREET
64-65	DRAINAGE STRUCTURE TABLES
66-85	RIGHT-OF-WAY PLATS
86-90	INTERSECTION PAVING PLANS
91	MEDIAN DETAILS AND SIDE STREET ELEVATIONS
92-93	CONSTRUCTION AND RIPRAP DETAILS
94-96	SUPERELEVATION DETAILS
97	OVERFLOW GRADING PLAN
98-102	PAVEMENT MARKING PLANS
103-107	SIGNAGE PLANS
108-109	SIGNAGE SCHEDULE - EXISTING AND PROPOSED
110-114	LANDSCAPING PLANS
115-117	MEDIAN PLANTING PLANS
118-125	SOIL PROFILE
126	SOIL BORING LOGS
127-133	TRAFFIC SIGNAL PLANS - U. S. ROUTE 45 AND CENTER STREET / DEERPETH ROAD
134-140	TRAFFIC SIGNAL PLANS - U. S. ROUTE 45 AND BRAE LOCH ROAD
141-145	TRAFFIC SIGNAL PLANS - U. S. ROUTE 45 AND GAGES LAKE ROAD
146-151	TRAFFIC SIGNAL PLANS - U. S. ROUTE 45 AND WASHINGTON STREET
152-155	TEMPORARY SYSTEM INTERCONNECT PLANS
156	TEMPORARY INTERCONNECT SCHEMATIC
157-160	SYSTEM INTERCONNECT PLANS
161	INTERCONNECT SCHEMATIC
162-164	TS-02 MAST ARM MOUNTED STREET NAME SIGNS
165-170	TS-05 STANDARD TRAFFIC SIGNAL DESIGN DETAILS
171-172	BD-01 & BD-02 DRIVEWAY DETAILS
173	BD-07 STORM SEWER CONNECTION TO EXISTING SEWER
174	BD-12 MANHOLE WITH RESTRICTOR PLATE
175	BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
176	BD-32 BUTT JOINTS AND HMA TAPER DETAILS
177	BD-34 STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER AND STABILIZATION AT TBT TY I SPL
178	BD-48 PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER
179	BD-51 BENCHING CONSTRUCTION DETAIL
180	BD-52 DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENT AT INTERSECTIONS
181	TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
182	TC-11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
183	TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
184	TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
185	TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
186	TC-22 ARTERIAL ROAD INFORMATION SIGN
187	TC-26 DRIVEWAY ENTRANCE SIGNING
188-189	LAKE COUNTY TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS
190-221	CROSS SECTIONS - U.S. ROUTE 45
222-225	CROSS SECTIONS - CENTER STREET / DEERPETH ROAD
226	CROSS SECTIONS - BRAE LOCH ROAD
227-229	CROSS SECTIONS - OVERFLOW PATH
230-231	CROSS SECTIONS - GAGES LAKE ROAD
232-234	CROSS SECTIONS - WASHINGTON STREET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**INDEX OF SHEETS, STATE STANDARDS, GENERAL NOTES, AND COMMITMENTS**

U. S. ROUTE 45

NO SCALE

DATE 12/14/09  
DRAWN BY MJL  
CHECKED BY TSB





LOCATION OF WORK: U. S. ROUTE 45  
ILLINOIS ROUTE 120 TO WASHINGTON STREET  
SECTION (46-1S & 47) WRS-2  
LAKE COUNTY

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47)WRS-2	LAKE	234	3
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

SUMMARY OF QUANTITIES				URBAN	FUNDING BREAKDOWN	90% STATE 5% WARREN 5% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	90% STATE 10% LAKE COUNTY	100% STATE	100% GURNEE FPD	100% GRAYSLAKE FPD	100% LAKE COUNTY
CODE NO.	PAY ITEM	UNIT	TOTAL	J000-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-3D	J000-2A
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,984	1,984									
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1,816	1,816									
20100500	TREE REMOVAL, ACRES	ACRE	1	1									
20101000	TEMPORARY FENCE	FOOT	3,232	3,232									
20101100	TREE TRUNK PROTECTION	EACH	75	75									
20101200	TREE ROOT PRUNING	EACH	16	16									
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	1	1									
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	15	15									
20200100	EARTH EXCAVATION	CU YD	42,730	42,730									
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	22,992	22,992									
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	6,617	6,617									
20800150	TRENCH BACKFILL	CU YD	7,649	7,649									
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	14,463	14,463									
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	52,949	52,949									
21101685	TOPSOIL FURNISH AND PLACE, 24"	SO YD	7,419	7,419									
21101815	COMPOST FURNISH AND PLACE, 4"	SO YD	2,607	2,607									
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	150	150									
25000210	SEEDING, CLASS 2A	ACRE	9.6	9.6									
25000310	SEEDING, CLASS 4	ACRE	0.5	0.5									
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,035	1,035									
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,035	1,035									
* 25000750	MOWING	ACRE	26	26									
25000775	SELECTIVE MOWING STAKES	EACH	15	15									
25100630	EROSION CONTROL BLANKET	SO YD	46,183	46,183									
25200110	SODDING, SALT TOLERANT	SO YD	14,183	14,183									
25200200	SUPPLEMENTAL WATERING	UNIT	85	85									
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	50	50									
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	10,000	10,000									
28000305	TEMPORARY DITCH CHECKS	FOOT	2,208	2,208									
28000400	PERIMETER EROSION BARRIER	FOOT	27,311	27,311									
28000510	INLET FILTERS	EACH	254	254									
28001000	AGGREGATE (EROSION CONTROL)	TON	18	18									
28100105	STONE RIPRAP, CLASS A3	SO YD	21	21									
28100107	STONE RIPRAP, CLASS A4	SO YD	146	146									
28200200	FILTER FABRIC	SO YD	101	101									
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SO YD	5,476	5,476									

● INDICATES SPECIALTY ITEMS

\* NON-PARTICIPATING ITEMS

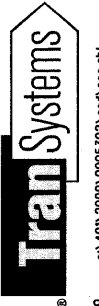
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
U.S. ROUTE 45  
ILLINOIS ROUTE 120 TO WASHINGTON STREET

SCALE : NONE

DATE: 12/14/09  
DRAWN BY: MLB  
CHECKED BY: MJL

Rev.



12/14/09 - g:\401\2000\0005302\cadd\seq.sht

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15847)WRS-2	LAKE	234	4
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

SUMMARY OF QUANTITIES				FUNDING BREAKDOWN									
CODE NO.	PAY ITEM	UNIT	TOTAL	LOCATION OF WORK									
				URBAN	100% STATE	90% STATE 5% STATE 5% STATE	95% STATE 5% STATE	95% STATE 5% STATE	95% STATE 5% STATE	100% STATE	100% STATE	100% STATE	100% STATE
				J000-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-3D	J000-2A
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	3,144										
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	4,529	4,529									
35501323	HOT-MIX ASPHALT BASE COURSE, 9 3/4"	SO YD	2,151	2,151									
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3,638	3,638									
40600300	AGGREGATE (PRIME COAT)	TON	30	30									
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	661	661									
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	11	11									
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	44	44									
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	4,187	4,187									
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	884	884									
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	518	518									
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	352	352									
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	151	151									
42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SO YD	66,382	66,382									
42001300	PROTECTIVE COAT	SO YD	17,271	17,271									
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	105	105									
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	2,282	2,282									
42400800	DETECTABLE WARNINGS	SO FT	60	60									
44000100	PAVEMENT REMOVAL	SO YD	58,027	58,027									
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	12,229	12,229									
44000300	CURB REMOVAL	FOOT	1,400	1,400									
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	8,326	8,326									
44000600	SIDEWALK REMOVAL	SO FT	913	913									
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	3,244	3,244									
44004250	PAVED SHOULDER REMOVAL	SO YD	4,009	4,009									
44200116	PAVEMENT PATCHING, TYPE I, 10 INCH	SO YD	12	12									
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SO YD	1,512	1,512									
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,874	1,874									
48100700	AGGREGATE SHOULDERS, TYPE A 8"	SO YD	750	750									
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	154	154									
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	791	791									
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2									
542A5497	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	14	14									
542D0220	PIPE CULVERTS, CLASS D, TYPE I 15"	FOOT	48	48									
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6	6									
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2									

● INDICATES SPECIALTY ITEMS  
 \* NON-PARTICIPATING ITEMS

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 U.S. ROUTE 45  
 ILLINOIS ROUTE 120 TO WASHINGTON STREET

SCALE : NONE  
 DATE: 12/14/09  
 DRAWN BY: MLB  
 CHECKED BY: MJL



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Rev.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15847)WRS-2	LAKE	234	5
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

CODE NO.	PAY ITEM	UNIT	TOTAL	FUNDING BREAKDOWN																
				ROADWAY 100% STATE	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	SYSTEM INTERCONNECT	EMERGENCY PREEMPTION	EMERGENCY PREEMPTION	LAKE COUNTY								
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1																
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1																
54214737	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 42"	EACH	2	2																
54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	EACH	1	1																
54215550	METAL END SECTIONS 15"	EACH	4	4																
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1	1																
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	2	2																
54248170	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 42"	EACH	2	2																
54244805	INLET BOX, STANDARD 542501	EACH	2	2																
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	3,005	3,005																
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	741	741																
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	420	420																
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	17	17																
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	707	707																
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	238	238																
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	764	764																
550A0200	STORM SEWERS, CLASS A, TYPE 1 54"	FOOT	110	110																
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	4,269	4,269																
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	452	452																
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	70	70																
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	248	248																
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	706	706																
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	93	93																
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	551	551																
550A4000	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	114	114																
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	320	320																
550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	529	529																
550A4700	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	2	2																
55039700	STORM SEWERS TO BE CLEANED	FOOT	3,664	3,664																
55100300	STORM SEWER REMOVAL 8"	FOOT	200	200																
55100400	STORM SEWER REMOVAL 10"	FOOT	99	99																
55100500	STORM SEWER REMOVAL 12"	FOOT	3,311	3,311																
55100700	STORM SEWER REMOVAL 15"	FOOT	1,563	1,563																
55100900	STORM SEWER REMOVAL 18"	FOOT	386	386																
55101100	STORM SEWER REMOVAL 21"	FOOT	50	50																
55101200	STORM SEWER REMOVAL 24"	FOOT	271	271																

● INDICATES SPECIALTY ITEMS  
 ■ NON-PARTICIPATING ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 U.S. ROUTE 45  
 ILLINOIS ROUTE 120 TO WASHINGTON STREET

SCALE : NONE

DATE: 12/14/09  
 DRAWN BY: MLB  
 CHECKED BY: MJL

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15847)WRS-2	LAKE	234	6
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

FUNDING BREAKDOWN	90% STATE 5% WARREN 5% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	90% STATE 10% LAKE COUNTY	100% STATE	100% GURNEE FPD	100% GRAYSLAKE FPD	100% LAKE COUNTY	
LOCATION OF WORK	US RTE 45 AT CENTER ST	US RTE 45 AT BRAE LOCH RD	US RTE 45 AT GAGES LAKE	US RTE 45 AT WASHINGTON					
	ROADWAY 100% STATE	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	SYSTEM INTERCONNECT	EMERGENCY PREEMPTION	EMERGENCY PREEMPTION	LAKE COUNTY

SUMMARY OF QUANTITIES				URBAN	J000-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-3D	J000-2A
CODE NO.	PAY ITEM	UNIT	TOTAL										
55101400	STORM SEWER REMOVAL 30"	FOOT	219		219								
55101600	STORM SEWER REMOVAL 36"	FOOT	181		181								
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1									1	
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	8									8	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	225									225	
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	9		9								
60107600	PIPE UNDERDRAINS 4"	FOOT	3,644		3,644								
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	90		90								
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	45		45								
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2		2								
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	149		149								
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4		4								
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	5		5								
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	20		20								
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	23		23								
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	23		23								
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15		15								
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2		2								
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	10		10								
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4		4								
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5		5								
60255500	MANHOLES TO BE ADJUSTED	EACH	50		31							19	
60260100	INLETS TO BE ADJUSTED	EACH	5		5								
60261000	INLETS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	3		3								
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	16									16	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	6									6	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5		5								
60500040	REMOVING MANHOLES	EACH	16		16								
60500050	REMOVING CATCH BASINS	EACH	18		18								
60500060	REMOVING INLETS	EACH	20		20								
60500070	REMOVING MANHOLES TO MAINTAIN FLOW	EACH	1		1								
60500105	FILLING MANHOLES	EACH	8		8								
60500205	FILLING CATCH BASINS	EACH	8		8								
60500305	FILLING INLETS	EACH	25		25								
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	25		25								
60600605	CONCRETE CURB, TYPE B	FOOT	1,115		1,115								

● INDICATES SPECIALTY ITEMS  
 ■ NON-PARTICIPATING ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 U.S. ROUTE 45  
 ILLINOIS ROUTE 120 TO WASHINGTON STREET

SCALE : NONE  
 DATE: 12/14/09  
 DRAWN BY: MLB  
 CHECKED BY: MJL



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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	146-158471WRS-2	LAKE	234	7
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

FUNDING BREAKDOWN	90% STATE 5% WARREN 5% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	90% STATE 10% LAKE COUNTY	100% STATE	100% GORNEE FPD	100% GRAYSLAKE FPD	100% LAKE COUNTY
LOCATION OF WORK	US RTE 45 AT CENTER ST	US RTE 45 AT BRIAR LOCH RD	US RTE 45 AT GAGES LAKE	US RTE 45 AT WASHINGTON				
	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	SYSTEM INTERCONNECT	EMERGENCY PREEMPTION	EMERGENCY PREEMPTION	LAKE COUNTY

SUMMARY OF QUANTITIES				URBAN										
CODE NO.	PAY ITEM	UNIT	TOTAL	J000-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-3D	J000-2A	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,435	2,435										
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	21,618	21,618										
60605400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	9,404	9,404										
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	362	362										
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SO FT	6,131	6,131										
60620200	CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)	SO FT	5,420	5,420										
60624600	CORRUGATED MEDIAN	SO FT	7,606	7,606										
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6' POSTS	FOOT	495	495										
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2										
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2										
63200310	GUARDRAIL REMOVAL	FOOT	687	687										
63500105	DELINEATORS	EACH	21	21										
66400105	CHAIN LINK FENCE, 4'	FOOT	250	250										
66410300	CHAIN LINK FENCE REMOVAL	FOOT	203	203										
66900105	UNDERGROUND STORAGE TANK REMOVAL	EACH	1	1										
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	4,137	4,137										
66900400	SPECIAL WASTE GROUND WATER DISPOSAL	GALLON	2,050	2,050										
66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1										
66900530	SOIL DISPOSAL ANALYSIS	EACH	9	9										
66901000	BACKFILL PLUGS	CU YD	60	60										
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	19	19										
67100100	MOBILIZATION	L SUM	1	1										
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1										
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	210	210										
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	28	28										
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2,527	2,527										
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	1,053	1,053										
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	139,569	139,569										
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	6,150	6,150										
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,146	1,146										
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1,080	1,080										
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	3,504	3,504										
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	185,454	185,454										
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	12,477	12,477										
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	3,882	3,882										
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	2,403	2,403										

● INDICATES SPECIALTY ITEMS  
 \*\* NON-PARTICIPATING ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 U.S. ROUTE 45  
 ILLINOIS ROUTE 120 TO WASHINGTON STREET

SCALE : NONE

DATE: 12/14/09  
 DRAWN BY: MLB  
 CHECKED BY: MJL

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15847)WRS-2	LAKE	234	8
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

SUMMARY OF QUANTITIES				URBAN	FUNDING BREAKDOWN	90% STATE 5% URBAN 5% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	90% STATE 10% LAKE COUNTY	100% STATE	100% GURNEE FPD	100% GRAYSLAKE FPD	100% LAKE COUNTY
CODE NO.	PAY ITEM	UNIT	TOTAL	ROADWAY 100% STATE	LOCATION OF WORK	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	SYSTEM INTERCONNECT	EMERGENCY PREEMPTION	EMERGENCY PREEMPTION	LAKE COUNTY
				J000-2A	US RTE 45 AT CENTER ST	US RTE 45 AT BRNE LOCK RD	US RTE 45 AT GAGES LAKE	US RTE 45 AT WASHINGTON	Y031-1F	Y031-1F	Y031-3D	Y031-3D	J000-2A
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	14,400	14,400									
70400100	TEMPORARY CONCRETE BARRIER	FOOT	20	20									
72000100	SIGN PANEL - TYPE 1	SO FT	581	411	68	36	33	33					
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	46	46									
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	12	12									
72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	8	8									
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	30	30									
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	10	10									
72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	58	58									
72900100	METAL POST - TYPE A	FOOT	143	143									
72900200	METAL POST - TYPE B	FOOT	615	615									
73000100	WOOD SIGN SUPPORT	FOOT	30	30									
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	73	73									
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21,775	21,775									
78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	3,250	3,250									
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	348	348									
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	471	471									
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	126	126									
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	80	80									
78008200	POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS	SO FT	1,440	1,440									
78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	8,719	8,719									
78008220	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 5"	FOOT	3,475	3,475									
78008230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	5,676	5,676									
78008250	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"	FOOT	264	264									
78008270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	683	683									
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	682	682									
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	880	880									
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2									
78300100	PAVEMENT MARKING REMOVAL	SO FT	8,718	8,718									
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	440	440									
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	7,200		545	469	442	898	4,846				
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	541		91	192	129	129					
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	255		46	10	45	154					
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	741		66	72	160	188	255				
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	1,256		418	221	275	342					
81400100	HANDHOLE	EACH	30		7	4	5	8	6				

● INDICATES SPECIALTY ITEMS  
 \*\* NON-PARTICIPATING ITEMS

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 U.S. ROUTE 45  
 ILLINOIS ROUTE 120 TO WASHINGTON STREET  
 SCALE : NONE  
 DATE: 12/14/09  
 DRAWN BY: MLB  
 CHECKED BY: MJL

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	146-15&47/WRS-2	LAKE	234	9
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

SUMMARY OF QUANTITIES					FUNDING BREAKDOWN									
CODE NO.	PAY ITEM	UNIT	TOTAL	LOCATION OF WORK										
				URBAN	ROADWAY 100% STATE	90% STATE 5% WARREN 5% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	90% STATE 10% LAKE COUNTY	100% STATE	100% GURNEE FPD	100% GRAYSLAKE FPD	100% LAKE COUNTY	
				J000-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-3D	J000-2A	
● 81400200	HEAVY-DUTY HANDHOLE	EACH	11		2	2	3	4						
● 81400300	DOUBLE HANDHOLE	EACH	5		2	1	1	1						
● 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	7,765		634	586	611	1,088	4,846					
● 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1						1					
● 85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	4		1	1	1	1						
● 86400100	TRANSCEIVER - FIBER OPTIC	EACH	4		1	1	1	1						
● 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,880		669	631	280	300						
● 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	6,290		2,521	2,560	1,209							
● 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	6,772		1,298		1,767	3,707						
● 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	10,198		2,061	1,074	2,407	4,656						
● 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	182		36	61	34	51						
● 87501000	TRAFFIC SIGNAL POST, 14 FT.	EACH	4		2	2								
● 87501100	TRAFFIC SIGNAL POST, 15 FT.	EACH	1				1							
● 87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	10		2	1	3	4						
● 87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	3			1	1	1						
● 87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1				1							
● 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1					1						
● 87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	3		1	1		1						
● 87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1				1							
● 87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1					1						
● 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	3		1	1	1							
● 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2		2									
● 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	60		16	12	16	16						
● 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16		4	4	4	4						
● 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	90			30	30	30						
● 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	135		60	15	30	30						
● 87900200	DRILL EXISTING HANDHOLE	EACH	3						3					
● 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	18		8	7	3							
● 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2								
● 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2				2							
● 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1									
● 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	13		2		3	8						
● 88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4		2	2								
● 88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5		1			4						
● 88030230	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1				1							
● 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	3		1		2							

● INDICATES SPECIALTY ITEMS  
 \*\* NON-PARTICIPATING ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 U.S. ROUTE 45  
 ILLINOIS ROUTE 120 TO WASHINGTON STREET  
 SCALE : NONE  
 DATE: 12/14/09  
 DRAWN BY: MLB  
 CHECKED BY: MJL

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15847)WRS-2	LAKE	234	10
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

FUNDING BREAKDOWN	90% STATE 5% WARREN 5% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	93.33% STATE 6.67% LAKE COUNTY	90% STATE 10% LAKE COUNTY	100% STATE	100% CURTICE FPD	100% GRAYSLAKE FPD	100% LAKE COUNTY
LOCATION OF WORK	US RTE 45 AT CENTER ST	US RTE 45 AT BRNE LOCH RD	US RTE 45 AT GAGES LAKE	US RTE 45 AT WASHINGTON				
	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	SYSTEM INTERCONNECT	EMERGENCY PREEMPTION	EMERGENCY PREEMPTION	LAKE COUNTY

SUMMARY OF QUANTITIES				URBAN	ROADWAY 100% STATE	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	SYSTEM INTERCONNECT	EMERGENCY PREEMPTION	EMERGENCY PREEMPTION	LAKE COUNTY
CODE NO.	PAY ITEM	UNIT	TOTAL	J000-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-3D	J000-2A
● 88030250	SIGNAL HEAD, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1				1						
● 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	33		7	8	8	10					
● 88500100	INDUCTIVE LOOP DETECTOR	EACH	38		5	15	9	9					
● 88600100	DETECTOR LOOP, TYPE 1	FOOT	179				179						
● 88700200	LIGHT DETECTOR	EACH	7							1	6		
● 88700300	LIGHT DETECTOR AMPLIFIER	EACH	3							1	2		
● 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4		1	1	1	1					
● 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	3							3			
● 89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	2							2			
● 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3		1	1		1					
● 89502380	REMOVE EXISTING HANDHOLE	EACH	29		6	7		8	8				
● 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	25		7	9		9					
● A2000320	TREE, ACER MIYABEI MORTON (STATE STREET MIYABE MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	11									
● A2002009	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7									
● A2002820	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7									
● A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	13	13									
● A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	15	15									
● A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16	16									
● A2005120	TREE, JUGLANS NIGRA (BLACK WALNUT), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9									
● A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	13	13									
● A2007210	TREE, QUERCUS X MACDANIELLI CLEMONS (HERITAGE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6									
● A2018720	TREE, ULMUS CARPINIFOLIA MORTON, (ACCOLADE ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4									
● B2001620	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2-1/2" CALIPER	EACH	14	14									
● B2002620	TREE, MALUS ADAMS (ADAMS CRABAPPLE), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6									
● B2004120	TREE, MALUS PRAIRIFIRE (PRAIRIFIRE CRABAPPLE), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3									
● B2004520	TREE, MALUS RED JEWEL (RED JEWEL CRAB APPLE), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8	8									
● B2004816	TREE, MALUS SARGENTII (SARGENT CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6									
● B2005416	TREE, PRUNUS VIRGINIANA SCHUBERT (SCHUBERT CHOKEBERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8	8									
● B2005720	TREE, PYRUS CALLERYANA CHANTICLEER CHANTICLEER CALLERY PEAR, 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6									
● B2006120	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8	8									
● B2006270	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	6	6									
● B2006320	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2-1/2" CALIPER,	EACH	9	9									
● C2017136	SHRUB, VIBURNUM DENTATUM 'AUTUMN JAZZ' (AUTUMN JAZZ VIBURNUM), 3' HEIGHT, BALLED AND BURLAPPED	EACH	16	16									
● C2C05824	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 2' WIDTH, CONTAINER	EACH	123	123									
● C2C11026	SHRUB, SYRINGA PATULA MISS KIM (MISS KIM MANCHURIAN LILAC), 30" HEIGHT, 5-GALLON CONTAINER	EACH	20	20									
● K0038000	PERENNIAL PLANTS, WETLAND EMERGENT TYPE	UNIT	5.96	5.96									

● INDICATES SPECIALTY ITEMS  
 ■ NON-PARTICIPATING ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 U.S. ROUTE 45  
 ILLINOIS ROUTE 120 TO WASHINGTON STREET  
 SCALE : NONE  
 DATE: 12/14/09  
 DRAWN BY: MLB  
 CHECKED BY: MJL

Rev.



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15847)WRS-2	LAKE	234	11
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

SUMMARY OF QUANTITIES				URBAN	FUNDING BREAKDOWN	90% STATE 5% WARREN STATE COUNTY	90.33% STATE 6.67% LAKE COUNTY	90.33% STATE 6.67% LAKE COUNTY	90% STATE 10% LAKE COUNTY	100% STATE	100% GORNEE FPD	100% GRAYS LAKE FPD	100% LAKE COUNTY
CODE NO.	PAY ITEM	UNIT	TOTAL	J000-2A	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-3D	J000-2A
K0031600	PERENNIAL PLANTS, ASTER-NOVAE-ANGLIAE (PURPLE DOME), 1-GALLON	UNIT	4.0	4.0									
K0031610	PERENNIAL PLANTS, FESTUCA DIANA GLAUCA, 'ELIJAH BLUE' (ELIJAH BLUE FESCUE), 1 GALLON	UNIT	2.0	2.0									
K0031620	PERENNIAL, PEROVSKIA ATRAPLIFICIFOLIA 'LITTLE SPIRE' (LITTLE SPIRE RUSSIAN SAGE), 1-GALLON	UNIT	1.5	1.5									
X0301828	ENGINEERED BARRIER	SO YD	95	95									
X0320815	SLEEPER SLAB	FOOT	337	337									
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	504	504									
K0031630	PERENNIAL PLANTS, RUDBECKIA FULGIDA (LITTLE SUZY BLACK EYED SUSAN), 1-GALLON	UNIT	5.0	5.0									
X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	126	126									
K0031640	PERENNIAL PLANT, SEDUM SPECTABILE AUTUMN JOY, 1-GALLON	UNIT	4.5	4.5									
X0322089	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	267	267									
K0031124	HEMEROCALLIS CHERRY CHEEKS, CONTAINER GROWN, 1-GALLON	UNIT	3.0	3.0									
X0322125	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	143	143									
K0031125	HEMEROCALLIS HAPPY RETURNS, CONTAINER GROWN, 1-GALLON	UNIT	5.0	5.0									
X0322256	TEMPORARY INFORMATION SIGNING	SO FT	20	20									
X0322642	STORM SEWER (WATER MAIN REQUIREMENTS) 54 INCH	FOOT	329	329									
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	9,562							9,562			
X0323670	PREFORMED DETECTOR LOOP	FOOT	3,947		1,228	561	961	1,197					
X0325705	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1							1			
B2007066	TREE, MALUS PURPLE PRINCE (PURPLE PRINCE CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4									
X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4		1	1	1	1					
X0545000	BOX CULVERT REMOVAL	FOOT	45	45									
X0712400	TEMPORARY PAVEMENT	SO YD	9,696	9,696									
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	18	18									
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	40	40									
X4023000	TEMPORARY ACCESS (ROAD)	EACH	14	14									
X6050700	REMOVE INLET BOX	EACH	5	5									
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	4		1	1	1	1					
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	4		1	1	1	1					
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	9,622							9,622			
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2,523		569	571	593	790					
X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1,880		669	631	280	300					
X8900010	TEMPORARY TRAFFIC SIGNAL INTERCONNECT	EACH	1							1			
Z0001050	AGGREGATE SUBGRADE 12"	SO YD	96,274	96,274									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1									
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	30	30									
Z0076600	TRAINEES	— HOUR —											
XX001758	WOOD FENCE REMOVAL	FOOT	2,881	2,881									
XX002082	SANITARY SEWER REMOVAL 24"	FOOT	110										110
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	8,493	8,493									
XX005656	INLET FILTER CLEANING	EACH	254	254									
XX006055	MANHOLES, TYPE A, 7' DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	3	3									
XX006658	FLOCCULATION LOGS	EACH	5	5									
XX006659	FLOCCULATION POWDER	POUND	30	30									
X007954	STORM SEWER (WATER MAIN REQUIREMENTS) SPAN 23, RISE 14	FOOT	51	51									
X0326857	STORM SEWER (WATER MAIN REQUIREMENTS) SPAN 38, RISE 24	FOOT	142	142									
XX006931	STORM SEWER (WATER MAIN REQUIREMENTS) SPAN 53, RISE 34	FOOT	102	102									

● INDICATES SPECIALTY ITEMS  
 \*\* NON-PARTICIPATING ITEMS  
 Rev.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 U.S. ROUTE 45  
 ILLINOIS ROUTE 120 TO WASHINGTON STREET  
 DATE: 12/14/09  
 SCALE: NONE  
 DRAWN BY: MLB  
 CHECKED BY: MJL

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15&47)WRS-2	LAKE	234	12
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

**NOTES**

1. AGGREGATE SUBGRADE IN EXCESS OF 12" UNDER PROPOSED CURB AND GUTTER OR SHOULDER SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF AGGREGATE SUBGRADE 12".
2. PIPE UNDERDRAINS, 4" HAVE BEEN PROVIDED TO DRAIN THE AGGREGATE SUBGRADE 12". TRANSVERSE UNDERDRAINS SHALL BE PLACED AT THE LOW POINTS OF THE PROPOSED PROFILE GRADE, AT APPROXIMATELY 300' INTERVALS BETWEEN LOW POINTS, AND AS SHOWN ON THE DRAINAGE PLANS. THE UNDERDRAINS SHALL BE PLACED AT A MINIMUM DEPTH OF 4" FROM THE TOP OF PAVEMENT AND CONNECTED TO THE NEAREST DRAINAGE STRUCTURE. THE UNDERDRAINS SHALL BE MOVED TO THE LOW POINTS OF UNDERCUTS REPLACED WITH PGES AS DIRECTED BY THE ENGINEER.

**GEOTECHNICAL FABRIC FOR GROUND STABILIZATION**

STATION	LENGTH	WIDTH	AREA
1110+00 TO 1111+75	175 FT	85-252 FT	2,845 SY
1118+50 TO 1121+50	300 FT	85 FT	1,665 SY
1124+25 TO 1127+00	275 FT	85 FT	2,708 SY
1149+50 TO 1151+25	175 FT	73 FT	1,501 SY
VARIOUS (ESTIMATE)			5,744 SY
<b>TOTAL</b>			<b>14,463 SY</b>

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR LOCATIONS THAT MAY BE UNSTABLE BUT NOT REQUIRE REMOVAL AND REPLACEMENT WITH POROUS GRANULAR EMBANKMENT. SUBGRADE THE ACTUAL NEED FOR FABRIC FOR GROUND STABILIZATION WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY THE USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE (DOT SUBGRADE STABILITY MANUAL.) FABRIC FOR GROUND STABILIZATION WILL BE PLACED WHERE REQUIRED PRIOR TO PLACING THE AGGREGATE SUBGRADE, 12". IF THE SUBGRADE IS STABLE, AND FABRIC IS NOT NEEDED, THE QUANTITY NOT USED WILL BE DEDUCTED FROM THE CONTRACT WITH NO ADDITIONAL COMPENSATION DUE TO THE CONTRACTOR.

**POROUS GRANULAR EMBANKMENT SUBGRADE**

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED AT LOCATIONS INDICATED FOR SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE DOT SUBGRADE STABILITY MANUAL.) IF UNSUITABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

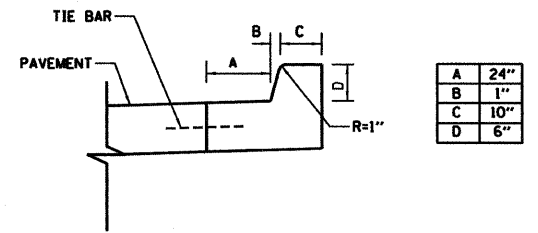
STATION	LENGTH	DEPTH	VOLUME
1154+75 TO 1160+00	525 FT	12"	1,758 CY
1173+50 TO 1174+75	125 FT	12"	423 CY
VARIOUS (ESTIMATE)			4,436 CY
<b>TOTAL</b>			<b>6,617 CY</b>

**LIGHTWEIGHT CELLULAR CONCRETE FILL**

LIGHTWEIGHT CELLULAR CONCRETE FILL, CLASS IV IS REQUIRED AT THE FOLLOWING LOCATION:

STATION	LENGTH	DEPTH	VOLUME
1167+00 TO 1171+75	475'	48"	8,197 CY
98+30 TO 98+50	20'	48"	237 CY
101+25 TO 101+30	5'	48"	59 CY
<b>TOTAL</b>			<b>8,493 CY</b>

THE LIGHTWEIGHT CELLULAR CONCRETE FILL, CLASS IV QUANTITY NECESSARY FOR THE INTERSECTION HAS BEEN INCLUDED IN THE MAINLINE U.S. ROUTE 45 QUANTITIES AND THEREFORE NOT INCLUDED IN THE WASHINGTON STREET QUANTITIES.



- NOTES:
1. REFER TO HIGHWAY STANDARD 606001 FOR ADDITIONAL DETAILS

**CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)**

ILLINOIS DEPARTMENT OF TRANSPORTATION

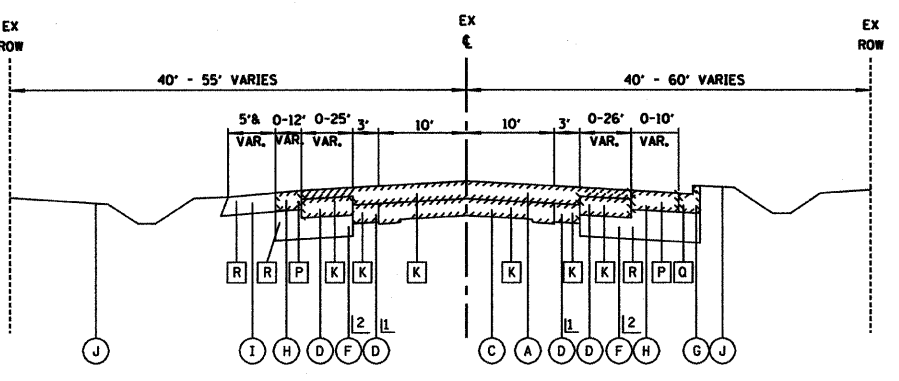
**TYPICAL SECTIONS**

U. S. ROUTE 45

REVISIONS	
NAME	DATE
ESN	1/21/10

DATE: 4/2/10  
DRAWN BY: MJL  
CHECKED BY: TSB

SCALE - NONE



**EXISTING TYPICAL SECTION**

U. S. ROUTE 45  
STATION 343+88 TO STATION 1179+09.87

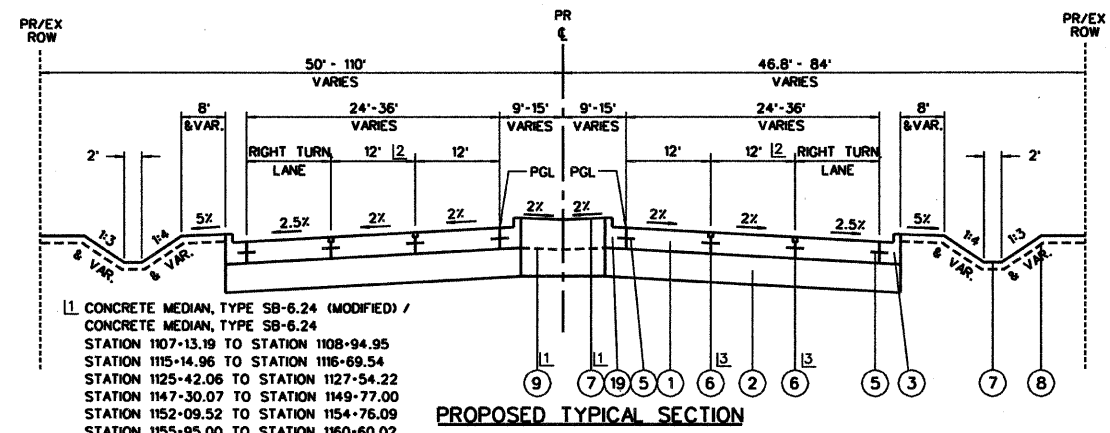
- L1 OUTER 1" OF PAVEMENT IS HMA SHOULDER REMOVAL IS PAID AS PAVED SHOULDER REMOVAL STATION 1111-00 TO STATION 1118-07 LEFT ONLY STATION 1118-07 TO STATION 1128-71 STATION 1157-11 TO STATION 1160-03 STATION 1179-15 TO STATION 1181-30
- L2 AGGREGATE SUBGRADE 12" STATION 1161-76 TO STATION 1177-37

**PROPOSED LEGEND**

- 1 PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/4" (JOINTED)
- 2 AGGREGATE SUBGRADE, 12"
- 3 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- 4 CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) (SEE DETAIL SHEETS NO. 91 AND 92)
- 5 NO. 6 x 24" TIE BARS GROUTED IN PLACE (EPOXY COATED) AT 24" O.C. INCLUDED IN COST OF COMBINATION CONCRETE CURB & GUTTER OF THE TYPE SPECIFIED
- 6 LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR NO. 8 x 24" LONG DEFORMED TIE BARS (EPOXY COATED) AT 24" O.C. (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED))
- 7 SODDING, SALT TOLERANT OR SEEDING AS NOTED ON PLANS
- 8 FURNISHING AND PLACING TOPSOIL, 4"
- 9 FURNISHING AND PLACING TOP SOIL, 24" (FOR LANDSCAPE MEDIAN DETAILS, SEE SHEET NO. 92)
- 10 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- 11 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 1 1/4" (IN 5 LIFTS)
- 12 HOT-MIX ASPHALT BASE COURSE, 9 1/4" (IN 5 LIFTS)
- 13 SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- 14 LONGITUDINAL SAWED JOINT - NO. 6 X 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST CONCRETE PAVEMENT)
- 15 AGGREGATE SHOULDERS, TYPE A, 8"
- 16 HOT-MIX ASPHALT SHOULDERS 8" (IN 2 LIFTS)
- 17 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- 18 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- 19 COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (SPECIAL) (SEE DETAIL)

**EXISTING LEGEND**

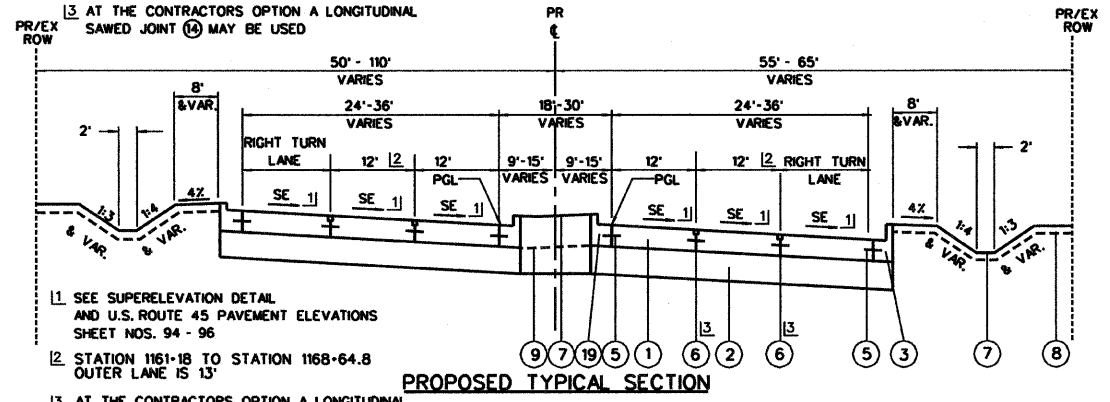
- A HOT-MIX ASPHALT BINDER & SURFACE COURSES, 3"-7"
- B HOT-MIX ASPHALT SURFACE TO REMAIN, (6" & VARIES)
- C PORTLAND CEMENT CONCRETE PAVEMENT, 9"-7"-9"
- D HOT-MIX ASPHALT BASE COURSE, 9"-10"
- E AGGREGATE OR HMA BASE (10")
- F SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- G COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- H HOT-MIX ASPHALT SHOULDER, 8" & VARIES
- I AGGREGATE SHOULDER, 6"-8" & VARIES
- J GROUND SURFACE
- K PAVED SHOULDER REMOVAL
- L NOT USED
- M NOT USED
- N NOT USED
- P PAVED SHOULDER REMOVAL
- Q COMBINATION CONCRETE CURB & GUTTER REMOVAL
- R EARTH EXCAVATION



**PROPOSED TYPICAL SECTION**

U. S. ROUTE 45  
STATION 343+88 TO STATION 1173+69.87  
STATION 1173+69.87 TO STATION 1177-80 (LEFT ONLY)

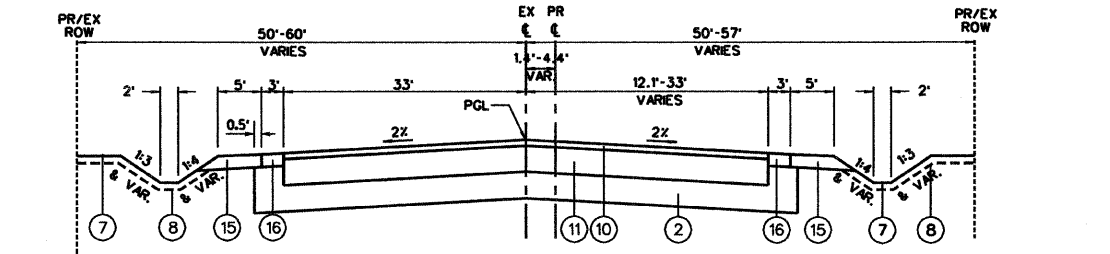
- L1 CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) / CONCRETE MEDIAN, TYPE SB-6.24 STATION 1107-13.19 TO STATION 1108-94.95 STATION 1115-14.96 TO STATION 1116-69.54 STATION 1125-42.06 TO STATION 1127-54.22 STATION 1147-30.07 TO STATION 1149-77.00 STATION 1152-09.52 TO STATION 1154-76.09 STATION 1155-95.00 TO STATION 1160-60.02 STATION 1164-77.80 TO STATION 1168-46.26 STATION 1169-93.67 TO STATION 1172-90.93
- L2 STATION 1155-73.30 TO STATION 1168-64.80 OUTER LANE IS 13'
- L3 AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT (3) MAY BE USED



**PROPOSED TYPICAL SECTION**

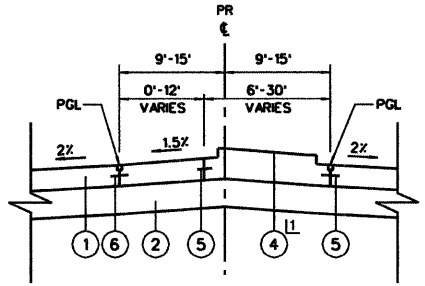
U. S. ROUTE 45  
SUPERELEVATION DETAIL  
STATION 1110+38 TO STATION 1117+52, SE=3.3%  
STATION 1135+81 TO STATION 1143+93, SE=3.5%  
STATION 1161+18 TO STATION 1171+04, SE=2.4%

- L1 SEE SUPERELEVATION DETAIL AND U.S. ROUTE 45 PAVEMENT ELEVATIONS SHEET NOS. 94 - 96
- L2 STATION 1161+18 TO STATION 1168-64.8 OUTER LANE IS 13'
- L3 AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT (3) MAY BE USED



**PROPOSED TYPICAL SECTION**

U. S. ROUTE 45  
STATION 1173+69.87 TO STATION 1177-80 (RIGHT ONLY)  
STATION 1177-80 TO STATION 1179+09.87



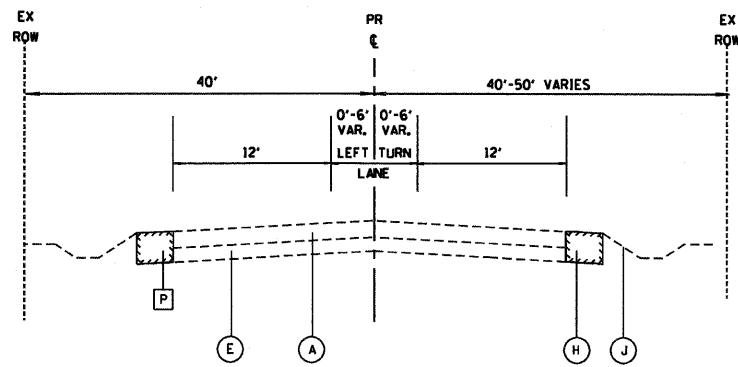
**SINGLE LEFT TURN BAY DETAIL**

U. S. ROUTE 45  
STATION 343+88 TO STATION 344+65  
STATION 1101+20 TO STATION 1105+00  
STATION 1107+85 TO STATION 1113+25  
STATION 1115+09 TO STATION 1116+44  
STATION 1118+40 TO STATION 1119+04  
STATION 1125+43 TO STATION 1127+55  
STATION 1128+55 TO STATION 1130+80  
STATION 1131+97 TO STATION 1135+47  
STATION 1146+99 TO STATION 1148+49  
STATION 1153+00 TO STATION 1159+70  
STATION 1165+46 TO STATION 1171+94

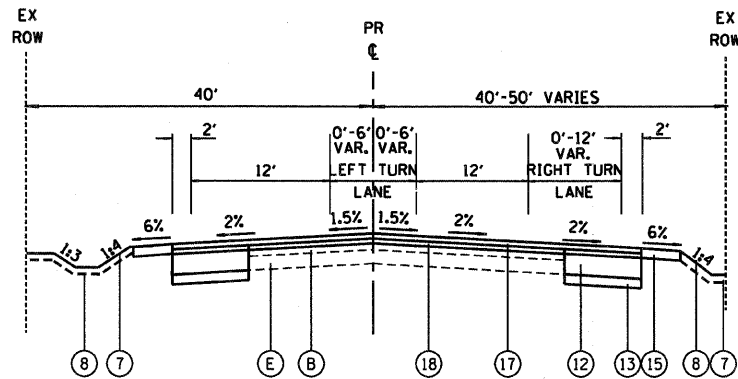
- L1 IN AREAS OF LANDSCAPED MEDIANS, SEE SHEET NO. 92

HOT-MIX ASPHALT MIXTURE REQUIREMENTS ARE SHOWN ON SHEET 14.

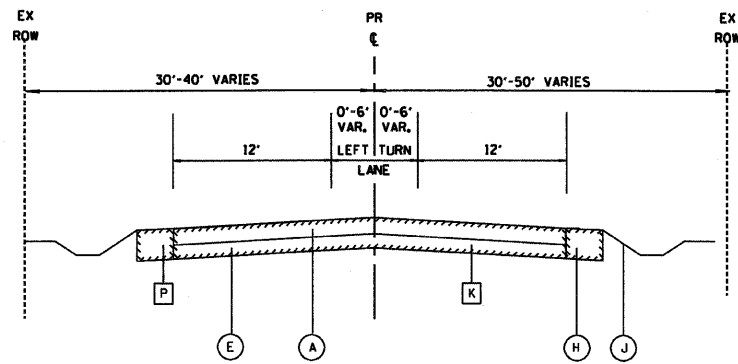
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15&47)WRS-2	LAKE	234	13
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	



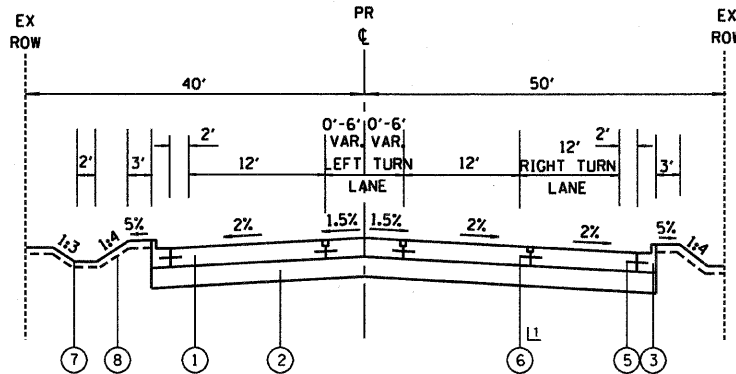
**EXISTING TYPICAL SECTION**  
CENTER STREET  
STATION 13+41 TO STATION 17+91



**PROPOSED TYPICAL SECTION**  
CENTER STREET  
STATION 13+41 TO STATION 17+91

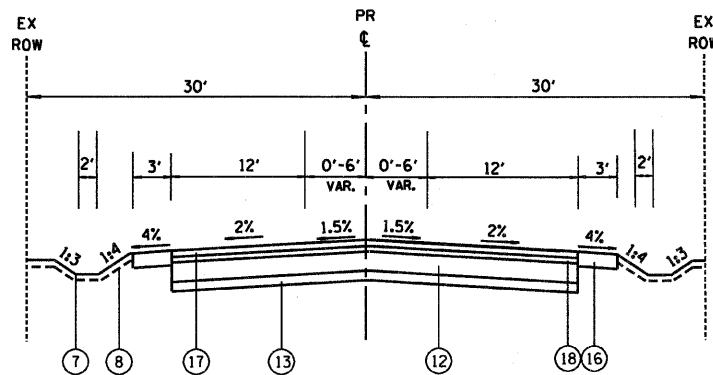


**EXISTING TYPICAL SECTION**  
CENTER STREET  
STATION 17+91 TO STATION 19+00  
DEERPETH ROAD  
STATION 21+00 TO STATION 25+46



**PROPOSED TYPICAL SECTION**  
CENTER STREET  
STATION 17+91 TO STATION 19+00

L AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT (14) MAY BE USED



**PROPOSED TYPICAL SECTION**  
DEERPETH ROAD  
STATION 21+00 TO STATION 25+46

**PROPOSED LEGEND**

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- 2 AGGREGATE SUBGRADE 12"
- 3 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- 4 CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) (SEE DETAIL SHEETS NO. 91 AND 92)
- 5 NO. 6 x 24" TIE BARS GROUTED IN PLACE (EPOXY COATED) AT 24" O.C. INCLUDED IN COST OF COMBINATION CONCRETE CURB & GUTTER OF THE TYPE SPECIFIED
- 6 LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR NO. 8 x 24" LONG DEFORMED TIE BARS (EPOXY COATED) AT 24" O.C. (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED))
- 7 SODDING, SALT TOLERANT OR SEEDING AS NOTED ON PLANS
- 8 FURNISHING AND PLACING TOPSOIL, 4"
- 9 FURNISHING AND PLACING TOP SOIL, 24" (FOR LANDSCAPE MEDIAN DETAILS, SEE SHEET NO. 92)
- 10 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90, 2"
- 11 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 1 1/4" (IN 5 LIFTS)
- 12 HOT-MIX ASPHALT BASE COURSE, 9 3/4" (IN 5 LIFTS)
- 13 SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- 14 LONGITUDINAL SAWED JOINT - NO. 6 x 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST CONCRETE PAVEMENT)
- 15 AGGREGATE SHOULDERS, TYPE A 8"
- 16 HOT-MIX ASPHALT SHOULDERS 8" (IN 2 LIFTS)
- 17 HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
- 18 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- 19 COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (SPECIAL) (SEE DETAIL)

**EXISTING LEGEND**

- A HOT-MIX ASPHALT BINDER & SURFACE COURSES, 3"-7"
- B HOT-MIX ASPHALT SURFACE TO REMAIN, (6" & VARIES)
- C PORTLAND CEMENT CONCRETE PAVEMENT, 9"-7"-9"
- D HOT-MIX ASPHALT BASE COURSE, 9"-10"
- E AGGREGATE OR HMA BASE (10")
- F SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- G COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- H HOT-MIX ASPHALT SHOULDER, 8" & VARIES
- I AGGREGATE SHOULDER 6"-8" & VARIES
- J GROUND SURFACE
- K PAVEMENT REMOVAL
- L NOT USED
- M NOT USED
- N NOT USED
- P PAVED SHOULDER REMOVAL
- Q COMBINATION CONCRETE CURB & GUTTER REMOVAL
- R EARTH EXCAVATION

REVISIONS	NAME	DATE

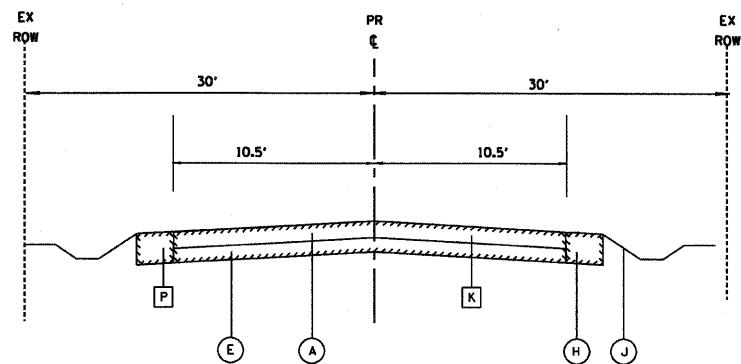
ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

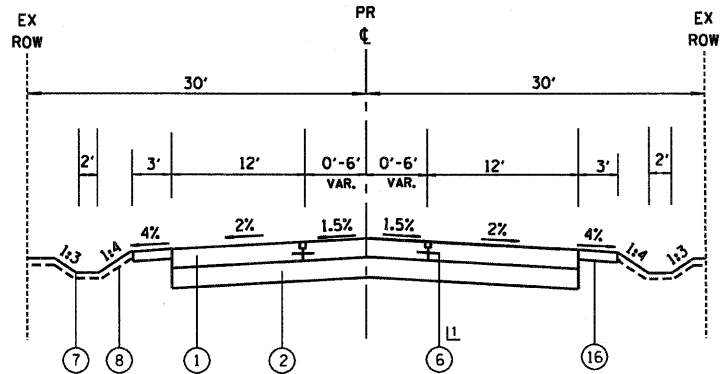
CENTER STREET/DEERPETH ROAD

DATE: 12/14/09  
DRAWN BY: MJL  
CHECKED BY: TSB

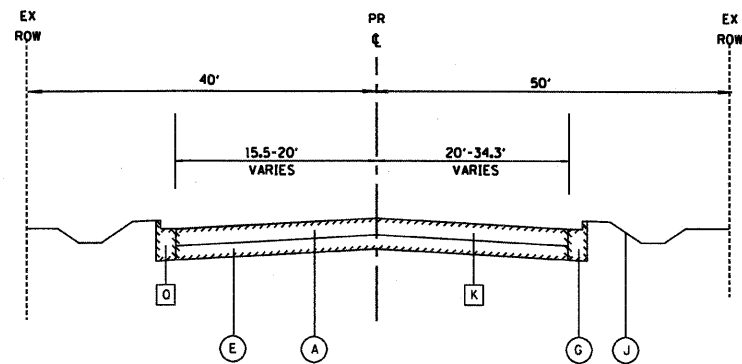
SCALE - NONE



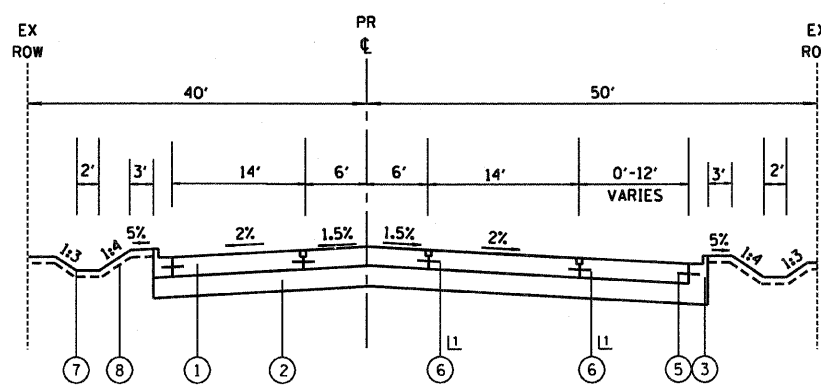
**EXISTING TYPICAL SECTION**  
BRAE LOCH ROAD  
STATION 15+97 TO U.S. ROUTE 45



**PROPOSED TYPICAL SECTION**  
BRAE LOCH ROAD  
STATION 15+97 TO U.S. ROUTE 45  
L1 AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT (16) MAY BE USED



**EXISTING TYPICAL SECTION**  
GAGES LAKE ROAD  
U.S. ROUTE 45 TO STATION 14+02.30



**PROPOSED TYPICAL SECTION**  
GAGES LAKE ROAD  
U.S. ROUTE 45 TO STATION 14+02.30  
L1 AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT (16) MAY BE USED

- PROPOSED LEGEND**
- 1 PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
  - 2 AGGREGATE SUBGRADE 12"
  - 3 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - 4 CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) (SEE DETAIL SHEETS NO. 91 AND 92)
  - 5 NO. 6 x 24" TIE BARS GROUTED IN PLACE (EPOXY COATED) AT 24" O.C. INCLUDED IN COST OF COMBINATION CONCRETE CURB & GUTTER OF THE TYPE SPECIFIED
  - 6 LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR NO. 8 x 24" LONG DEFORMED TIE BARS (EPOXY COATED) AT 24" O.C. (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED))
  - 7 SODDING, SALT TOLERANT OR SEEDING AS NOTED ON PLANS
  - 8 FURNISHING AND PLACING TOPSOIL, 4"
  - 9 FURNISHING AND PLACING TOP SOIL, 24" (FOR LANDSCAPE MEDIAN DETAILS, SEE SHEET NO. 92)
  - 10 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90, 2"
  - 11 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 1 1/4" (IN 5 LIFTS)
  - 12 HOT-MIX ASPHALT BASE COURSE, 9 3/4" (IN 5 LIFTS)
  - 13 SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
  - 14 LONGITUDINAL SAWED JOINT - NO. 6 x 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST CONCRETE PAVEMENT)
  - 15 AGGREGATE SHOULDERS, TYPE A 8"
  - 16 HOT-MIX ASPHALT SHOULDERS 8" (IN 2 LIFTS)
  - 17 HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
  - 18 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
  - 19 COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (SPECIAL) (SEE DETAIL)

- EXISTING LEGEND**
- A HOT-MIX ASPHALT BINDER & SURFACE COURSES, 3"-7"
  - B HOT-MIX ASPHALT SURFACE TO REMAIN, (6" & VARIES)
  - C PORTLAND CEMENT CONCRETE PAVEMENT, 9"-7"-9"
  - D HOT-MIX ASPHALT BASE COURSE, 9"-10"
  - E AGGREGATE OR HMA BASE (10")
  - F SUB-BASE GRANULAR MATERIAL, TYPE B 4"
  - G COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - H HOT-MIX ASPHALT SHOULDER, 8" & VARIES
  - I AGGREGATE SHOULDER 6"-8" & VARIES
  - J GROUND SURFACE
  - K PAVEMENT REMOVAL
  - L NOT USED
  - M NOT USED
  - N NOT USED
  - P PAVED SHOULDER REMOVAL
  - Q COMBINATION CONCRETE CURB & GUTTER REMOVAL
  - R EARTH EXCAVATION

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ NDES
FULL DEPTH PAVEMENT (MAINLINE) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5mm) 2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 1 1/4"	4% @ 90 GYR 4% @ 90 GYR
FULL DEPTH PAVEMENT (SIDE STREETS) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 (IL-9.5mm) 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4" HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0mm) 6" & 9 3/4"	4% @ 70 GYR 4% @ 70 GYR 4% @ 70 GYR
PAVEMENT RESURFACING HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"	4% @ 70 GYR 4% @ 70 GYR
SHOULDER RECONSTRUCTION HMA SHOULDERS 8"	2% @ 30 GYR
PATCHING (HMA OPTION) CLASS D PATCHES (HMA BINDER IL-19.0mm) 10"	4% @ 70 GYR
DRIVEWAYS HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 (IL-9.5mm) 2" HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0mm) 6" PE & 8" CE	4% @ 50 GYR 4% @ 50 GYR
TEMPORARY PAVEMENT (HMA OPTION) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL-9.5mm) 1 1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 8 1/2"	4% @ 50 GYR 4% @ 50 GYR

NOTES  
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY/IN.  
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

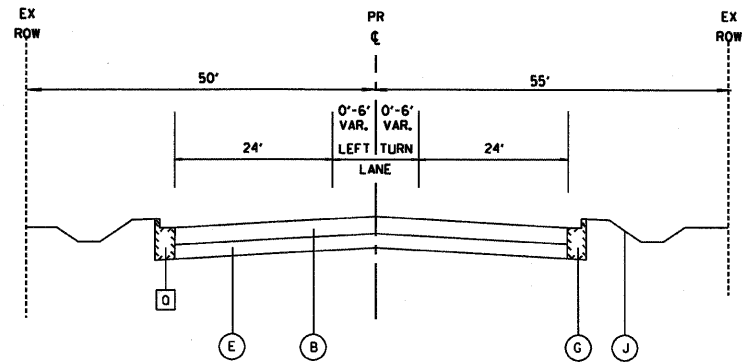
GAGES LAKE ROAD/BRAE LOCH ROAD

SCALE - NONE

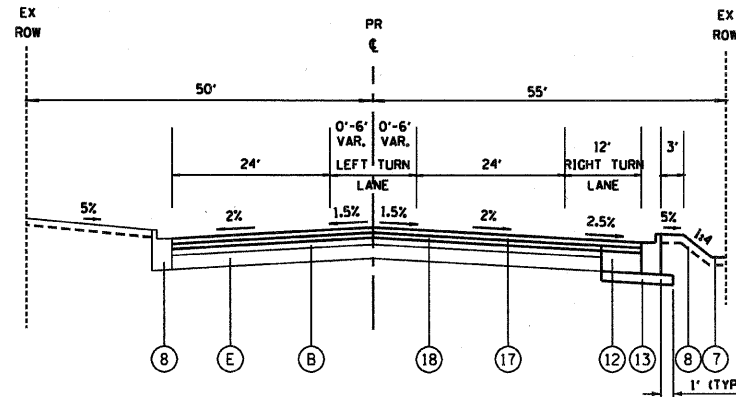
DATE: 12/14/09  
DRAWN BY: MJL  
CHECKED BY: TSB



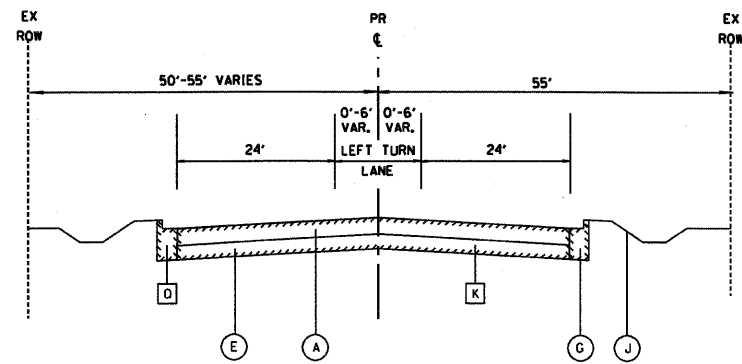
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15&47)WRS-2	LAKE	234	15
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



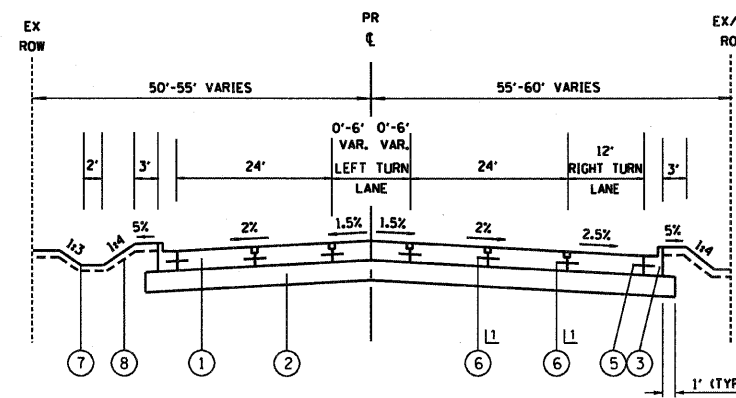
**EXISTING TYPICAL SECTION**  
WASHINGTON STREET  
STATION 93-98 TO STATION 97-00



**PROPOSED TYPICAL SECTION**  
WASHINGTON STREET  
STATION 93-98 TO STATION 97-00

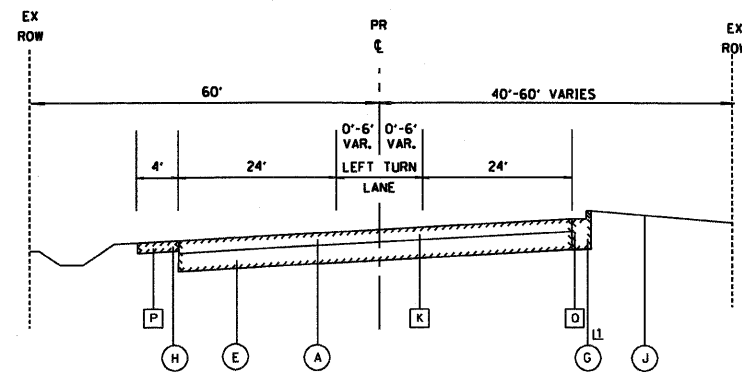


**EXISTING TYPICAL SECTION**  
WASHINGTON STREET  
STATION 97-00 TO STATION 99-50



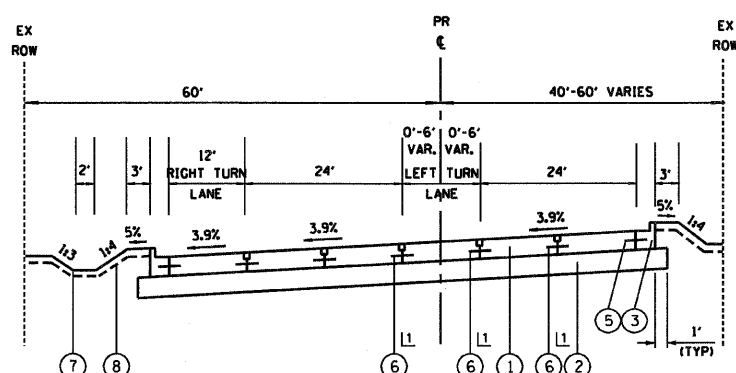
**PROPOSED TYPICAL SECTION**  
WASHINGTON STREET  
STATION 97-00 TO STATION 99-50

11 AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT (14) MAY BE USED



**EXISTING TYPICAL SECTION**  
WASHINGTON STREET  
STATION 100-50 TO STATION 105-97

11 SHOULDER  
STATION 102-66 TO STATION 105-97



**PROPOSED TYPICAL SECTION**  
WASHINGTON STREET  
STATION 100-50 TO STATION 105-97

11 AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT (14) MAY BE USED

- PROPOSED LEGEND**
- 1 PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
  - 2 AGGREGATE SUBGRADE 12"
  - 3 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - 4 CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) (SEE DETAIL SHEETS NO. 91 AND 92)
  - 5 NO. 6 x 24" TIE BARS GROUTED IN PLACE (EPOXY COATED) AT 24" O.C. INCLUDED IN COST OF COMBINATION CONCRETE CURB & GUTTER OF THE TYPE SPECIFIED
  - 6 LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR NO. 8 x 24" LONG DEFORMED TIE BARS (EPOXY COATED) AT 24" O.C. (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED))
  - 7 SODDING, SALT TOLERANT OR SEEDING AS NOTED ON PLANS
  - 8 FURNISHING AND PLACING TOPSOIL, 4"
  - 9 FURNISHING AND PLACING TOP SOIL, 24" (FOR LANDSCAPE MEDIAN DETAILS, SEE SHEET NO. 92)
  - 10 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90, 2"
  - 11 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 1 1/2" (IN 5 LIFTS)
  - 12 HOT-MIX ASPHALT BASE COURSE, 9 3/4" (IN 5 LIFTS)
  - 13 SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
  - 14 LONGITUDINAL SAWED JOINT - NO. 6 x 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 42000) (INCLUDED IN THE COST CONCRETE PAVEMENT)
  - 15 AGGREGATE SHOULDERS, TYPE A B"
  - 16 HOT-MIX ASPHALT SHOULDERS B" (IN 2 LIFTS)
  - 17 HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
  - 18 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
  - 19 COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (SPECIAL) (SEE DETAIL)

- EXISTING LEGEND**
- A HOT-MIX ASPHALT BINDER & SURFACE COURSES, 3"-7"
  - B HOT-MIX ASPHALT SURFACE TO REMAIN, (6" & VARIES)
  - C PORTLAND CEMENT CONCRETE PAVEMENT, 9"-7"-9"
  - D HOT-MIX ASPHALT BASE COURSE, 9"-10"
  - E AGGREGATE OR HMA BASE (10")
  - F SUB-BASE GRANULAR MATERIAL, TYPE B 4"
  - G COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - H HOT-MIX ASPHALT SHOULDER, 8" & VARIES
  - I AGGREGATE SHOULDER 6"-8" & VARIES
  - J GROUND SURFACE
  - K PAVEMENT REMOVAL
  - L NOT USED
  - M NOT USED
  - N NOT USED
  - P PAVED SHOULDER REMOVAL
  - Q COMBINATION CONCRETE CURB & GUTTER REMOVAL
  - R EARTH EXCAVATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

WASHINGTON STREET

SCALE - NONE

DATE: 12/14/09  
DRAWN BY: MJL  
CHECKED BY: TSB

EARTHWORK UNIT	REM AND DISP OF UNSUITABLE MATERIAL (PGES AND LIGHTWEIGHT CELLULAR CONCRETE FILL) (CU YD)				REM AND DISP OF UNSUITABLE MATERIAL (TOPSOIL) (CU YD)				EARTH EXCAVATION (CU YD)				STORM SEWER EXCAVATION (CU YD)				TOTAL SUITABLE EXCAVATION (CU YD)				EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR 15% SHRINKAGE) (CU YD)				EMBANKMENT (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)											
	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III					
US45																																								
343+88-1109+00	0	0	0	0	0	399	175	0	0	0	1,523	2,744	5	0	0	287	143	0	0	0	1,810	2,887	5	0	0	1,539	2,454	4	0	0	810	18	175	0	0	729	2,436	-171	0	0
1109+00-1123+50	0	0	0	0	0	827	285	0	0	0	1,216	3,960	0	0	0	137	85	0	0	0	1,353	4,045	0	0	0	1,150	3,438	0	0	0	545	71	325	0	0	467	-431	3,367	-325	0
1123+50-1138+00	0	0	0	0	0	921	439	0	0	0	3,264	2,545	4	0	0	361	194	0	0	0	3,625	2,739	4	0	0	3,081	2,328	3	0	0	545	804	295	0	0	0	2,536	1,524	-292	0
1138+00-1150+50	0	0	0	0	0	1,380	377	0	0	0	5,846	1,271	20	0	0	313	123	0	0	0	6,159	1,394	20	0	0	5,235	1,185	17	0	0	22	559	499	319	78	4,676	686	-302	0	0
1150+50-1163+00	0	879	879	0	0	344	327	0	0	1,473	2,878	0	0	0	1,210	203	0	0	0	2,683	3,081	0	0	0	2,281	2,619	0	0	0	21	776	285	59	161	1,505	2,334	-59	0	0	
1163+00-1175+00	0	4,281	4,280	0	0	404	322	0	0	3,869	-410	0	0	0	961	228	0	0	0	4,830	-182	0	0	0	4,106	-155	0	0	0	83	1,364	232	137	256	2,742	-387	-137	0	0	
1175+00-1181+30	0	0	0	0	0	154	256	0	0	443	430	0	0	0	23	27	0	0	0	466	457	0	0	0	396	388	0	0	0	42	88	32	83	116	308	356	-83	0	0	
CENTER ST / DEERPETH RD 13+40-19+00 AND 21+00-25+46	0	0	0	0	0	94	241	0	0	1,230	1,351	0	0	0	41	4	0	0	0	1,271	1,355	0	0	0	1,080	1,152	0	0	0	181	29	56	0	0	-133	1,051	1,096	0	0	
BRAE LOCH RD 5+97-9+00	0	0	0	0	0	0	62	0	0	483	523	0	0	0	0	28	0	0	0	483	551	0	0	0	411	468	0	0	0	2	7	2	0	0	53	404	466	0	0	
GAGES LAKE RD 11+50-15+27	0	0	0	0	0	24	104	0	0	829	711	0	0	0	21	2	0	0	0	850	713	0	0	0	723	606	0	0	0	10	18	5	0	0	-1	705	601	0	0	
WASHINGTON ST 93+98-98+50 AND 101+25 - 104+82	0	177	178	0	0	179	155	0	0	1,839	1,924	0	0	0	21	56	0	0	0	1,860	1,980	0	0	0	1,581	1,683	0	0	0	0	70	38	0	0	12	1,511	1,645	0	0	
OVERFLOW ROUTE 200+72-207+52.7	0	0	0	0	0	157	0	0	0	1,146	0	0	0	0	0	0	0	0	0	1,146	0	0	0	0	974	0	0	0	0	0	0	0	0	0	0	974	0	0	0	
TOTAL	0	5,337	5,337	0	0	4,883	2,743	0	0	16,133	23,161	17,927	29	0	3,375	1,093	0	0	0	16,133	26,536	19,020	29	0	1,370	22,557	16,166	24	0	361	5,847	2,042	1,393	1,009	16,710	14,124	-1,369	0	0	

NOTE: IT IS EXPECTED THAT THE CONTRACTOR WILL PLACE MOST OF THE FILL IDENTIFIED HERE FOR STAGE III DURING STAGE II SUCH THAT A LARGE STOCKPILE WILL NOT BE NECESSARY

NOTE: AN ADDITIONAL QUANTITY OF 4,436 CY OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL HAS BEEN INCLUDED FOR ADDITIONAL PGES NECESSARY DUE TO FIELD CONDITIONS. (SEE SHEET 12)

EARTH EXCAVATION REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

PRE ST	STAGE I	STAGE II	STAGE III	VARIOUS	TOTAL
1,613	23,161	17,927	29	0	42,730
256	10,220	8,080	0	4,436	22,992

EXISTING TREE ITEMS UNIT	TREE REMOVAL 6-15 UNITS DIAMETER (UNITS)	TREE REMOVAL OVER 15 UNITS DIAMETER (UNITS)	TREE TRUNK PROTECTION (EACH)	TREE ROOT PRUNING (EACH)	TREE PRUNING 1 TO 10 IN DIA OVER 10 IN DIA (EACH)	LANDSCAPING UNIT	FURNISHING AND PLACING TOPSOIL 4" (SQ YD)	FURNISHING AND PLACING TOPSOIL 24" (SQ YD)	FURNISHING AND PLACING COMPOST 4" (SQ YD)	SEEDING CLASS 2A (ACRE)	SEEDING CLASS 4 (ACRE)	SODDING, SALT TOLERANT (SQ YD)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	EROSION CONTROL BLANKET (SQ YD)
US45															
343+88-1109+00	0	0	2	0	0	US45	7,978	2,466	0	1.7	0.0	2,669	179	179	7,775
1109+00-1123+50	292	172	6	1	0	1119+50-1142+50	16,249	3,112	708	0.1	2,774	342	342	16,587	
1123+50-1138+00	992	768	19	12	12	1142+50-1165+50	15,340	1,318	727	0.2	3,372	289	289	13,285	
1138+00-1150+50	220	656	18	1	1	1165+50-1181+30	5,971	523	1,172	0.7	3,051	102	102	3,442	
1150+50-1163+00	260	180	8	0	0	CENTER ST / DEERPETH RD AND WASHINGTON ST	7,411	0	0	1.0	0.0	2,317	123	123	5,094
1163+00-1175+00	160	40	1	1	1	TOTAL	52,949	7,419	2,607	9.6	0.5	14,183	1,035	1,035	46,183
1175+00-1181+30	0	0	1	1	1										
CENTER ST / DEERPETH RD 13+40-19+00 AND 21+00-25+46	60	0	12	0	0										
BRAE LOCH RD 5+97-9+00	0	0	6	0	0										
GAGES LAKE RD 11+50-15+27	0	0	0	0	0										
WASHINGTON ST 93+98-98+50 AND 101+25 - 104+82	0	0	2	0	0										
TOTAL	1,984	1,816	75	16	15										

NOTE: TREE SIZES SHOWN ON THE PLANS ARE BASED ON A TOPOGRAPHIC SURVEY COMPLETED IN 2000-2001. AS SUCH, THE QUANTITY OF TREE REMOVAL HAS BEEN INCREASED BY 100% TO ACCOUNT FOR TREE GROWTH AND INFILL OF NEW TREES.

HOT-MIX ASPHALT ITEMS UNIT	HMA SURF COURSE MIX C, N50 (TON)	HMA SURF COURSE MIX "D", N70 (TON)	POLY HMA SURF COURSE IL-9.5FG, N90	HMA BINDER COURSE IL-19.0, N70 (TON)	POLY HMA BINDER COURSE IL-19.0, N90 (TON)	HMA BASE COURSE 6" (SQ YD)	HMA BASE COURSE 8" (SQ YD)	HMA BASE COURSE 9.75" (SQ YD)	SUBBASE GRAN MATL TYPE B 4" (SQ YD)	PORTLAND CEMENT CONCRETE ITEMS											
										UNIT	PAVEMENT (JOINTED) 9 3/4" (SQ YD)	CONC CURB TYPE B (FOOT)	CONC C & G TYPE B-6.12 (FOOT)	CONC C & G TYPE B-6.24 (FOOT)	CONC C & G TYPE B-6.24 (SPECIAL) (FOOT)	CONCRETE MED TY SB-6.24 (SQ FT)	CONCRETE MED TY SB-6.24 (MOD) (SQ FT)	CORRUGATED MEDIAN (SQ FT)	AGGREGATE SUBGRADE 12" (SQ YD)	PCC SIDEWALK 5" (SQ YD)	
US45																					
343+88-1109+00	57	15	0	181	0	181	525	0	181	US45	343+88-1109+00	8,578	305	143	2,626	1,952	0	0	1,940	10,317	754
1109+00-1123+50	121	6	0	72	0	72	525	0	72	1109+00-1123+50	10,698	125	482	3,038	1,945	0	0	0	1,788	13,084	325
1123+50-1138+00	175	0	0	0	0	0	1,227	0	1,117	1123+50-1138+00	11,258	102	650	3,066	1,771	1,290	0	0	2,199	13,579	322
1138+00-1150+50	71	0	0	0	0	0	634	0	567	1138+00-1150+50	7,369	0	34	2,944	1,603	842	716	0	648	9,423	0
1150+50-1163+00	54	27	0	324	0	480	480	0	232	1150+50-1163+00	9,293	211	723	2,768	799	1,823	2,848	0	367	11,272	415
1163+00-1175+00	52	0	32	188	0	446	446	0	0	1163+00-1175+00	10,707	203	100	2,588	774	2,176	1,856	0	343	15,758	329
1175+00-1181+30	0	0	119	0	696	0	0	0	0	1175+00-1181+30	747	0	186	820	560	0	0	321	13,857	95	
CENTER ST / DEERPETH RD 13+40-19+00 AND 21+00-25+46	17	298	0	3,543	0	156	156	2,084	3,088	CENTER ST / DEERPETH RD 13+40-19+00 AND 21+00-25+46	700	35	0	372	0	0	0	0	0	847	42
BRAE LOCH RD 5+97-9+00	0	0	0	0	0	0	0	0	0	BRAE LOCH RD 5+97-9+00	1,116	0	0	85	0	0	0	0	0	1,150	0
GAGES LAKE RD 11+50-15+27	15	0	0	0	0	131	131	0	0	GAGES LAKE RD 11+50-15+27	1,254	94	0	689	0	0	0	0	0	1,528	0
WASHINGTON ST 93+98-98+50 AND 101+25 - 104+82	36	6	0	67	0	254	254	67	219	WASHINGTON ST 93+98-98+50 AND 101+25 - 104+82	4,662	40	97	2,622	0	0	0	0	0	5,459	0
TOTAL	598	352	151	4,187	884	3,144	4,529	2,151	5,476	BUILDING REMOVAL	0	0	20	0	0	0	0	0	0	0	0
										TOTAL	66,382	1,115	2,435	21,618	9,404	6,131	5,420	7,606	96,274	2,282	



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES**

U. S. ROUTE 45

HORIZ. 50 0 50

SCALE IN FEET

DATE 4/2/10

DRAWN BY MJL

CHECKED BY TSB

TEMPORARY STRIPING - STAGE I

UNIT	LETTERS & SYMBOLS (SQ FT)	LINE 4" (FOOT)	LINE 6" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)	TAPE LETTERS & SYMBOLS (SQ FT)	TAPE LINE 4" (FOOT)	TAPE LINE 6" (FOOT)	TAPE LINE 12" (FOOT)	TAPE LINE 24" (FOOT)
US45										
343+88-1119+50	234	25,650	1,272	390	345	0	3,705	0	123	0
1119+50-1142+50	117	29,850	804	258	237	0	3,852	0	0	0
1142+50-1165+50	234	32,940	774	204	168	0	5,586	0	147	0
1165+50-1183+00	234	22,047	1,371	171	330	0	5,589	0	165	0
CENTER ST / DEERPATH RD AND WASHINGTON ST	234	18,933	1,929	123	0	117	22,650	0	468	117
TOTAL	1,053	129,420	6,150	1,146	1,080	117	41,382	0	903	117

TEMPORARY STRIPING - STAGE II

UNIT	LETTERS & SYMBOLS (SQ FT)	LINE 4" (FOOT)	LINE 6" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)	TAPE LETTERS & SYMBOLS (SQ FT)	TAPE LINE 4" (FOOT)	TAPE LINE 6" (FOOT)	TAPE LINE 12" (FOOT)	TAPE LINE 24" (FOOT)
US45										
343+88-1119+50	0	1,455	0	0	0	351	34,803	1,020	567	69
1119+50-1142+50	0	4,305	0	0	0	234	28,683	1,635	258	267
1142+50-1165+50	0	2,388	0	0	0	234	29,622	789	267	168
1165+50-1183+00	0	2,001	0	0	0	351	22,380	2,454	312	399
CENTER ST / DEERPATH RD AND WASHINGTON ST	0	0	0	0	0	468	28,584	1,686	420	372
TOTAL	0	10,149	0	0	0	1,638	144,072	7,584	1,824	1,275

TEMPORARY PAVEMENT

UNIT	TEMPORARY PAVEMENT STAGE I (SQ YD)	TEMPORARY PAVEMENT STAGE II (SQ YD)	TEMPORARY RAMP STAGE I (SQ YD)	TEMPORARY RAMP STAGE II (SQ YD)
US45				
343+88-1104+50	80	123	0	0
1104+50-1119+50	399	818	0	165
1119+50-1131+00	0	0	0	173
1131+00-1142+50	174	875	0	300
1142+50-1154+00	822	145	0	0
1154+00-1165+50	658	342	0	574
1165+50-1176+50	674	602	0	258
1176+50-1183+00	280	0	0	0
CENTER ST / DEERPATH RD 13+40-18+00 AND 22+00-25+46	1,553	591	0	0
BRAE LOCH RD 5+97-8+50	689	535	0	0
GAGES LAKE RD 12+50-15+27	1	163	0	0
WASHINGTON ST 93+98-98+50 AND 102+00 - 104+82	134	38	0	0
TOTAL	5,464	4,232	0	1,470

TEMPORARY STRIPING - STAGE III

UNIT	LETTERS & SYMBOLS (SQ FT)	LINE 4" (FOOT)	LINE 6" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)	TAPE LETTERS & SYMBOLS (SQ FT)	TAPE LINE 4" (FOOT)	TAPE LINE 6" (FOOT)	TAPE LINE 12" (FOOT)	TAPE LINE 24" (FOOT)
US45										
343+88-1119+50	0	0	0	0	0	546	0	1,281	396	246
1119+50-1142+50	0	0	0	0	0	219	0	852	258	234
1142+50-1165+50	0	0	0	0	0	219	0	396	207	168
1165+50-1183+00	0	0	0	0	0	438	0	1,371	171	291
CENTER ST / DEERPATH RD AND WASHINGTON ST	0	0	0	0	0	327	0	993	123	72
TOTAL	0	0	0	0	0	1,749	0	4,893	1,155	1,011

PAVEMENT MARKINGS

UNIT	RAISED REFLECTIVE PVMT MARKERS (EACH)	PAINT LINE 4" (FOOT)	THERMOPLASTIC LETTERS AND SYMBOLS	THERMOPLASTIC LINE 4" (FOOT)	THERMOPLASTIC LINE 5" (FOOT)	THERMOPLASTIC LINE 6" (FOOT)	THERMOPLASTIC LINE 12" (FOOT)	THERMOPLASTIC LINE 24" (FOOT)	POLYUREA, TY 1 LETTERS AND SYMBOLS (SQ FT)	POLYUREA TYPE 1 LINE 4" (FOOT)	POLYUREA TYPE 1 LINE 5" (FOOT)	POLYUREA TYPE 1 LINE 6" (FOOT)	POLYUREA TYPE 1 LINE 12" (FOOT)	POLYUREA TYPE 1 LINE 24" (FOOT)
US45														
343+88-1104+50	58	0	0	180	0	15	0	0	110	396	0	335	0	54
1104+50-1119+50	93	0	0	86	274	0	0	0	292	1,590	538	969	97	189
1119+50-1131+00	71	0	0	33	0	0	0	0	110	576	0	350	0	0
1131+00-1142+50	71	0	0	0	0	0	0	0	136	890	366	735	0	85
1142+50-1154+00	67	80	0	53	0	0	27	0	182	1,212	0	326	111	47
1154+00-1165+50	76	0	0	22	0	0	0	0	146	690	162	727	0	114
1165+50-1176+50	52	0	0	152	152	0	0	0	219	876	1,036	1,377	0	194
1176+50-1181+30	35	0	0	14,632	0	185	246	0	49	0	0	0	0	0
CENTER ST / DEERPATH RD 13+40-18+00 AND 22+00-25+46	18	0	0	2,881	320	0	95	0	0	18	18	18	0	0
BRAE LOCH RD 5+97-8+50	15	0	0	81	0	0	0	0	73	478	506	93	0	0
GAGES LAKE RD 12+50-15+27	0	0	36	325	123	148	47	0	99	0	309	128	5	0
WASHINGTON ST 93+98-98+50 AND 102+00 - 104+82	126	0	36	3,330	2,381	0	83	82	73	1,944	1,080	618	51	0
TOTAL	682	80	73	21,775	3,250	348	471	126	1,440	8,719	4,015	5,676	264	683

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES**

U. S. ROUTE 45

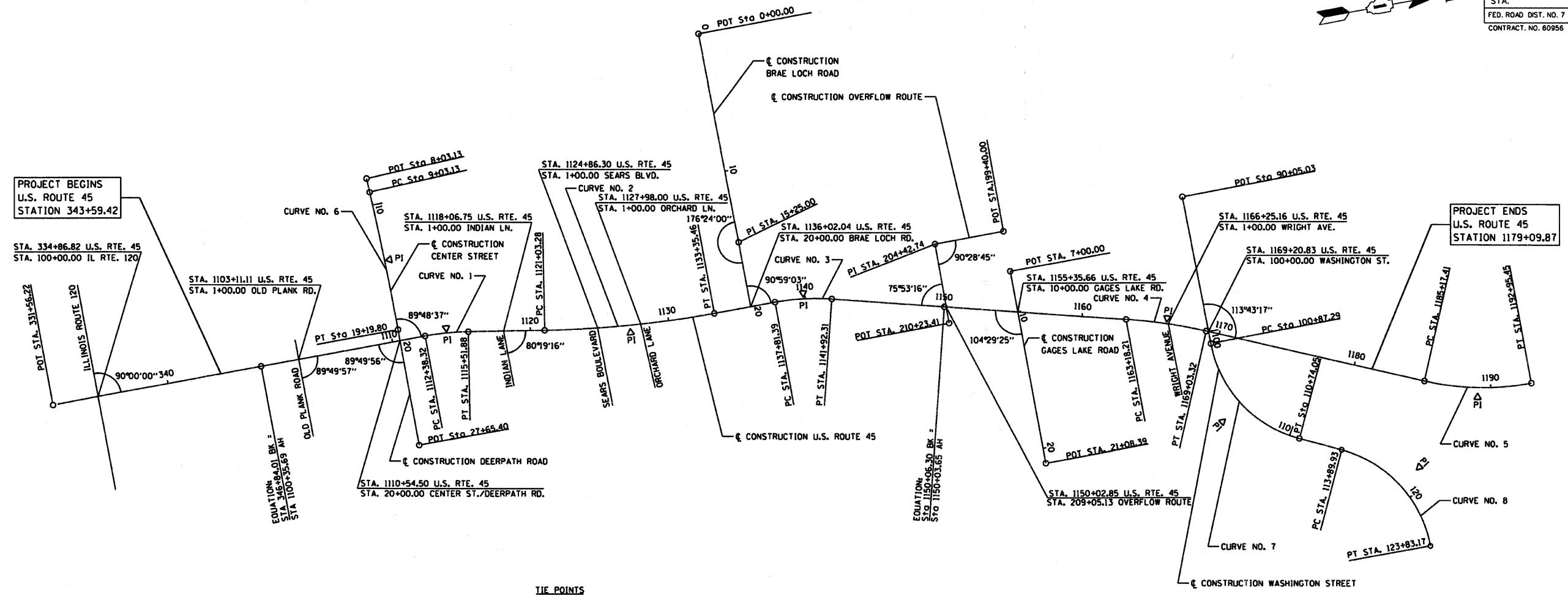
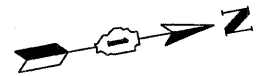
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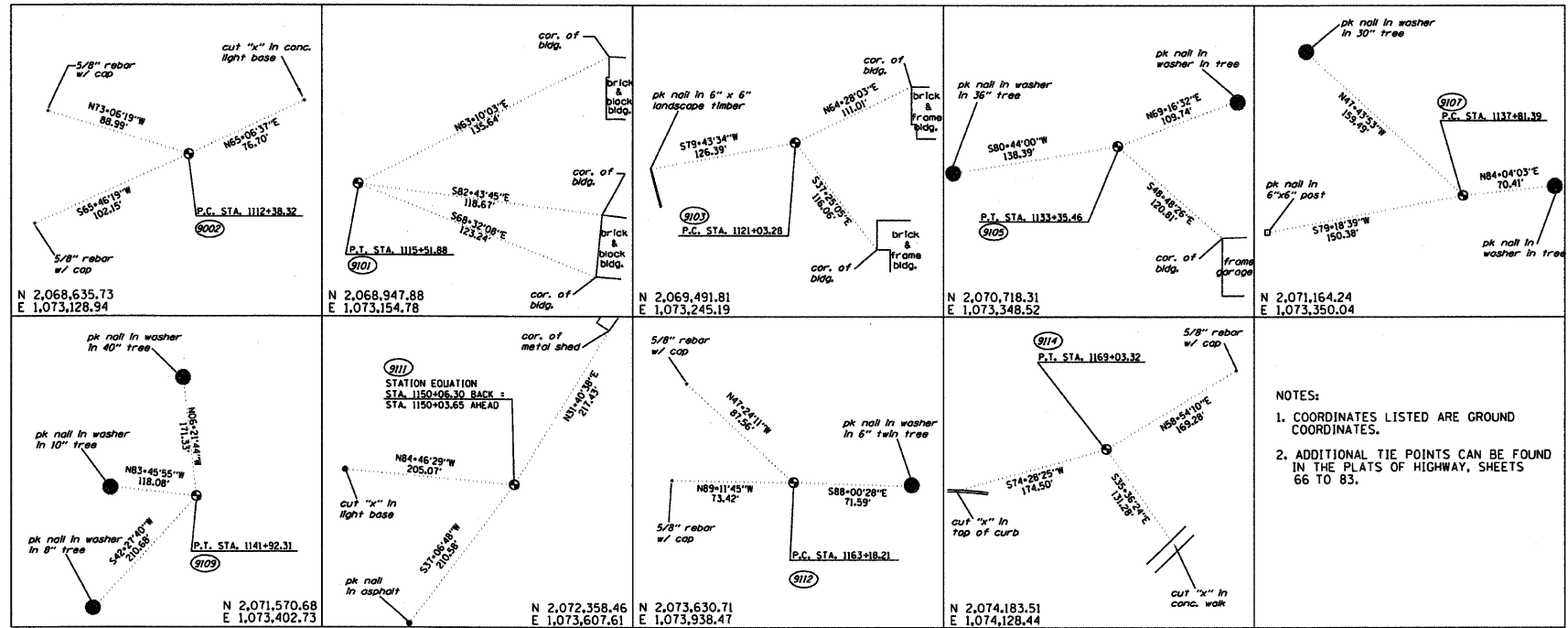
DATE 4/2/10  
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CHECKED BY TSB



RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	18
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AD PROJECT				
CONTRACT NO. 60956				



**TIE POINTS**



**BENCHMARK SUMMARY**

BM* 2	"□" CUT IN CONCRETE BASE OF TRAFFIC SIGNAL WITH MAST ARM AT SOUTHEAST CORNER OF U.S. ROUTE 45 AND CENTER STREET/DEERPATH ROAD STA. 1110+12.43 45.34 RT ELEV. 796.29
TBM "F"	RAILROAD SPIKE IN POWER POLE WITH LIGHT AT NORTHEAST CORNER OF INDIAN LANE AND U.S. ROUTE 45 STA. 1118+30.00 39.45 RT ELEV. 797.28
TBM "G"	RAILROAD SPIKE IN FIRST POWER POLE SOUTH OF SEARS BOULEVARD AND U.S. ROUTE 45 (IN FRONT OF HOUSE ADDRESS 33427) STA. 1124+15.83 43.54 RT ELEV. 800.70
TBM "H"	"L" CUT IN NORTHEAST CORNER OF TRAFFIC SIGNAL BASE AT SOUTHWEST CORNER OF BRAE LOCH ROAD AND U.S. ROUTE 45 STA. 1135+76.19 34.11 LT ELEV. 788.20
TBM "I"	"L" CUT IN NORTHEAST CORNER OF CONCRETE HEADWALL ON EAST SIDE OF U.S. ROUTE 45 BETWEEN BRAE LOCH ROAD AND GAGES LAKE ROAD STA. 1143+05.12 34.78 RT ELEV. 784.19
TBM "K"	"X" IN NORTHWEST BOLT OF THE SECOND FIRE HYDRANT SOUTH OF THE INTERSECTION OF WASHINGTON STREET AND U.S. ROUTE 45 (WEST SIDE) STA. 1162+88.76 32.23 LT ELEV. 777.34
TBM "L"	"L" CUT IN NORTHEAST CORNER OF THE TRAFFIC SIGNAL DOUBLE HANDHOLE AT THE SOUTHEAST CORNER OF U.S. ROUTE 45 AND WASHINGTON STREET STA. 1168+92.77 51.24 RT ELEV. 777.21

- NOTES:**
- COORDINATES LISTED ARE GROUND COORDINATES.
  - ADDITIONAL TIE POINTS CAN BE FOUND IN THE PLATS OF HIGHWAY, SHEETS 66 TO 83.

PROPOSED CONSTRUCTION US ROUTE 45 CURVE NO. 1	PROPOSED CONSTRUCTION US ROUTE 45 CURVE NO. 2	PROPOSED CONSTRUCTION US ROUTE 45 CURVE NO. 3	PROPOSED CONSTRUCTION US ROUTE 45 CURVE NO. 4	PROPOSED CONSTRUCTION US ROUTE 45 CURVE NO. 5	PROPOSED CONSTRUCTION CENTER STREET CURVE NO. 6	PROPOSED CONSTRUCTION WASHINGTON STREET CURVE NO. 7	PROPOSED CONSTRUCTION WASHINGTON STREET CURVE NO. 8
PI STA. 1113+95.46 $\Delta = 9^{\circ} 24' 25''$ (RT) $D = 3^{\circ} 00' 00''$ $T = 157.14'$ $R = 1,909.86'$ $L = 313.56'$ $E = 6.45'$ PC STA. 1112+38.32 PT STA. 1115+51.88	PI STA. 1127+20.71 $\Delta = 9^{\circ} 14' 29''$ (LT) $D = 0^{\circ} 45' 00''$ $T = 617.43'$ $R = 7,639.44'$ $L = 1,232.18'$ $E = 24.91'$ PC STA. 1121+03.28 PT STA. 1133+35.46	PI STA. 1139+87.94 $\Delta = 14^{\circ} 22' 56''$ (RT) $D = 3^{\circ} 30' 00''$ $T = 206.55'$ $R = 1,637.02'$ $L = 410.92'$ $E = 12.98'$ PC STA. 1137+81.39 PT STA. 1141+92.31	PI STA. 1166+11.34 $\Delta = 8^{\circ} 46' 35''$ (RT) $D = 1^{\circ} 30' 00''$ $T = 293.13'$ $R = 3,819.72'$ $L = 585.11'$ $E = 11.23'$ PC STA. 1163+18.21 PT STA. 1169+03.32	PI STA. 1189+11.90 $\Delta = 23^{\circ} 20' 28''$ (LT) $D = 3^{\circ} 00' 00''$ $T = 394.49'$ $R = 1,909.86'$ $L = 778.04'$ $E = 40.32'$ PC STA. 1185+17.41 PT STA. 1192+95.45	P.I. = STA. 14+11.55 $\Delta = 2^{\circ} 32' 30''$ (RT) $D = 0^{\circ} 15' 00''$ $R = 22,918.32'$ $T = 508.42'$ $L = 1,016.67'$ $E = 5.64'$ P.C. = STA. 9+03.13 P.T. = STA. 19+19.80	PI STA. = 106+39.59 $\Delta = 64^{\circ} 08' 20''$ (LT) $D = 6^{\circ} 30' 00''$ $T = 552.30'$ $L = 986.76'$ $E = 158.73'$ P.C. STA. = 100+87.29 P.T. STA. = 110+74.05	PI STA. = 116+46.79 $\Delta = 64^{\circ} 34' 49''$ (RT) $D = 6^{\circ} 30' 07''$ $R = 881.21'$ $T = 556.86'$ $L = 983.24'$ $E = 161.20'$ P.C. STA. = 113+89.93 P.T. STA. = 123+83.17

SUPERELEVATION RATES AND TRANSITIONS ARE SHOWN ON PLAN AND PROFILE DRAWINGS, SHEETS 19-29.

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**ALIGNMENT, TIES, AND BENCHMARKS**

U.S. ROUTE 45

HORIZ. 100 0 100

SCALE IN FEET

DATE 12/14/09  
DRAWN BY SAH  
CHECKED BY MJL



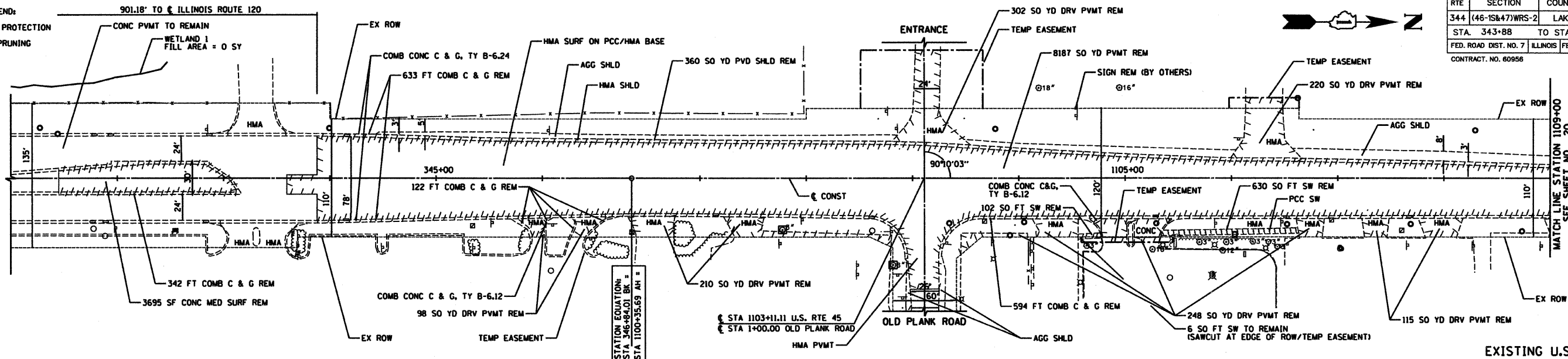
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EXISTING PLAN LEGEND:

- TREE TRUNK PROTECTION
- R TREE ROOT PRUNING

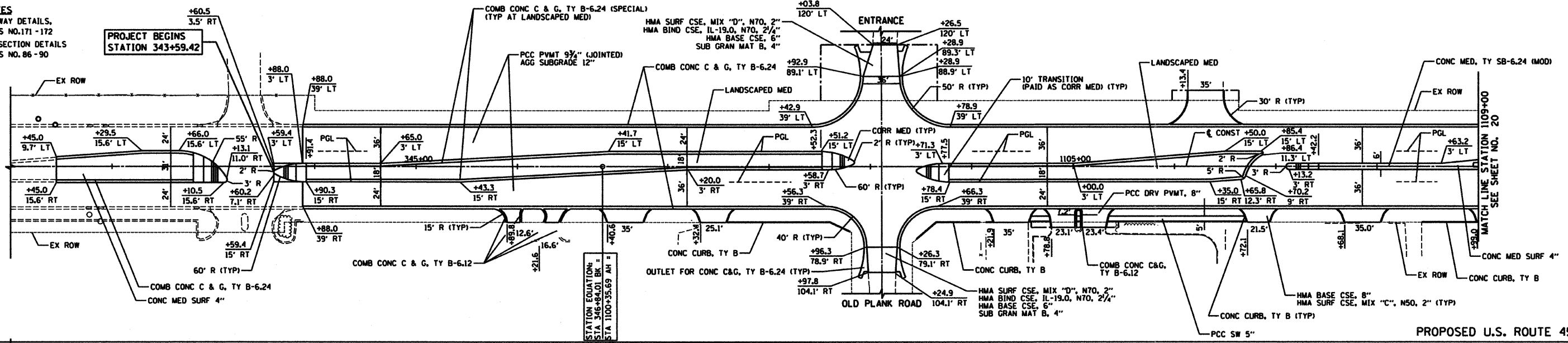
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	19
STA. 343+88		TO STA. 1109+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AD PROJECT				
CONTRACT NO. 80958				



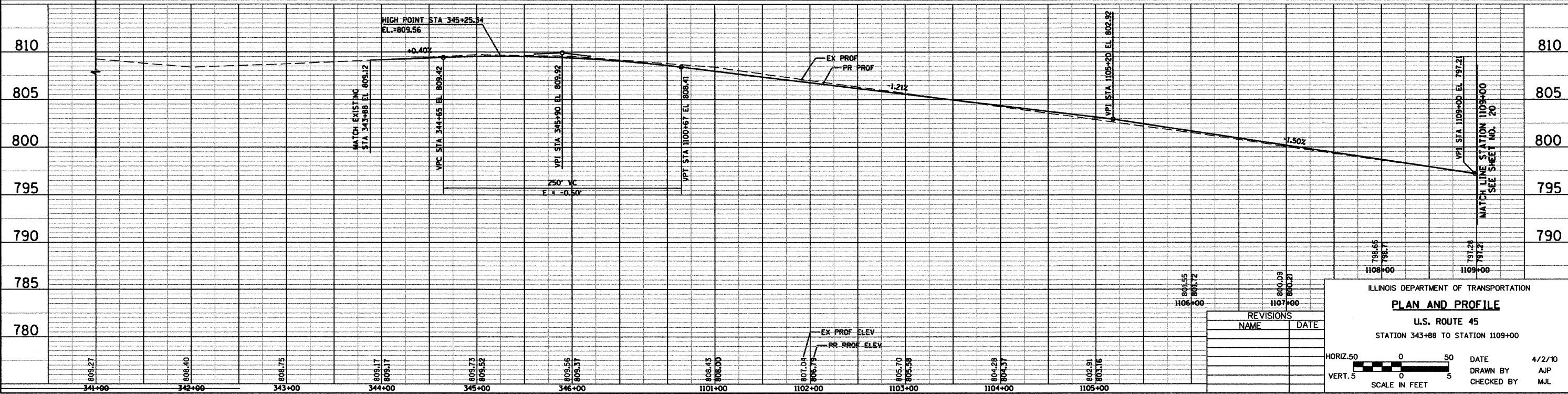
EXISTING U.S. ROUTE 45

- NOTES**
- FOR DRIVEWAY DETAILS, SEE SHEETS NO. 171-172
  - FOR INTERSECTION DETAILS, SEE SHEETS NO. 86-90

PROJECT BEGINS STATION 343+59.42



PROPOSED U.S. ROUTE 45



ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE**

U.S. ROUTE 45

STATION 343+88 TO STATION 1109+00

DATE: 4/2/10

DRAWN BY: AJP

CHECKED BY: MJL

REVISIONS:

NO.	NAME	DATE

HORIZ. 50 0 50

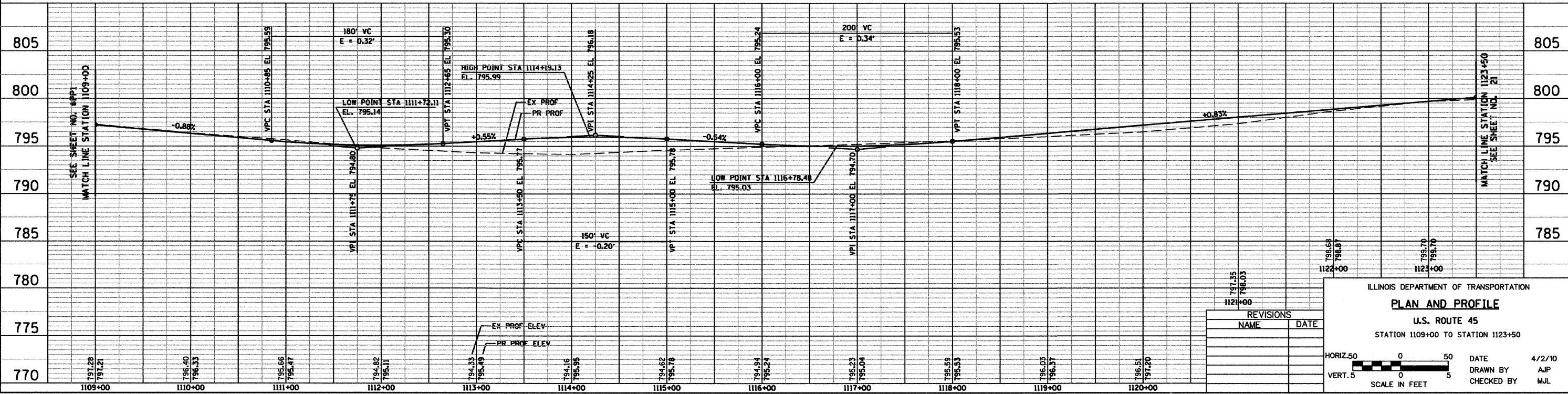
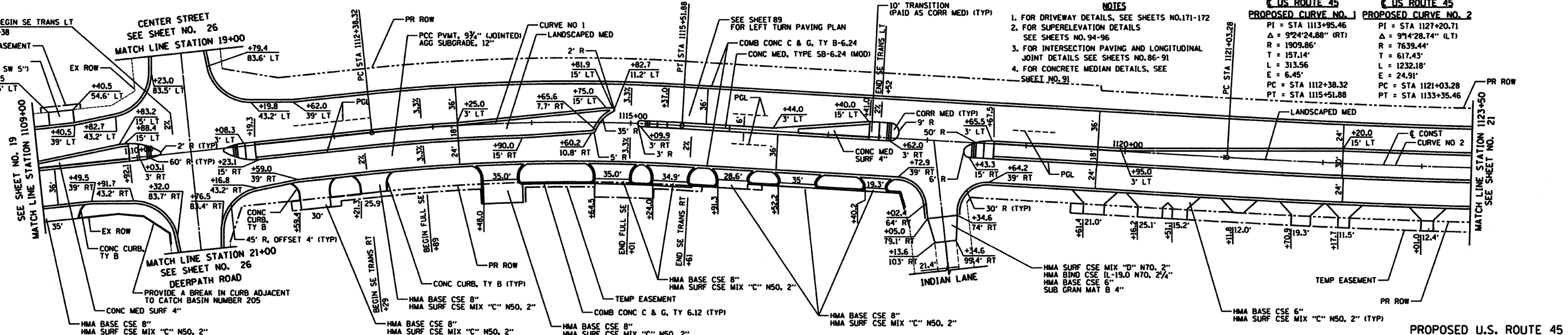
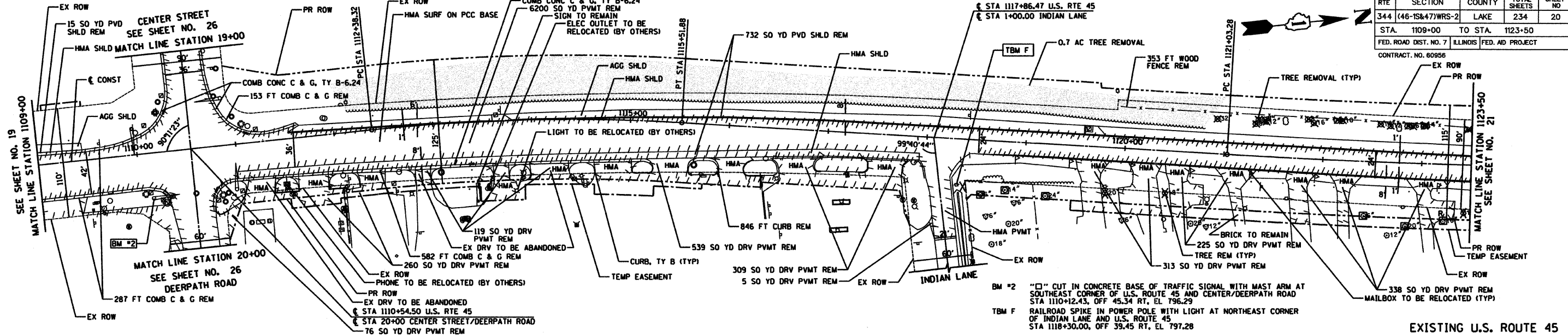
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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	20
STA. 1109+00 TO STA. 1123+50				
FED. ROAD DIST. NO. 7		ILLINOIS FED. AD PROJECT		
CONTRACT NO. 60956				

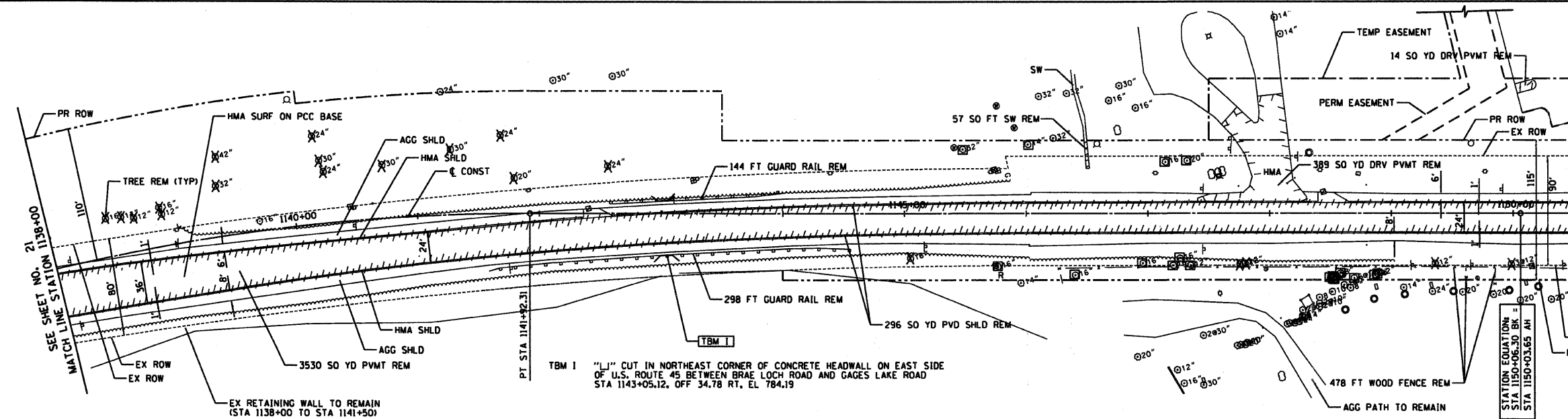
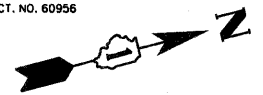


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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	22
STA. 1138+00		TO STA. 1150+50		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60956				



MATCH LINE STATION 1138+00  
SEE SHEET NO. 21

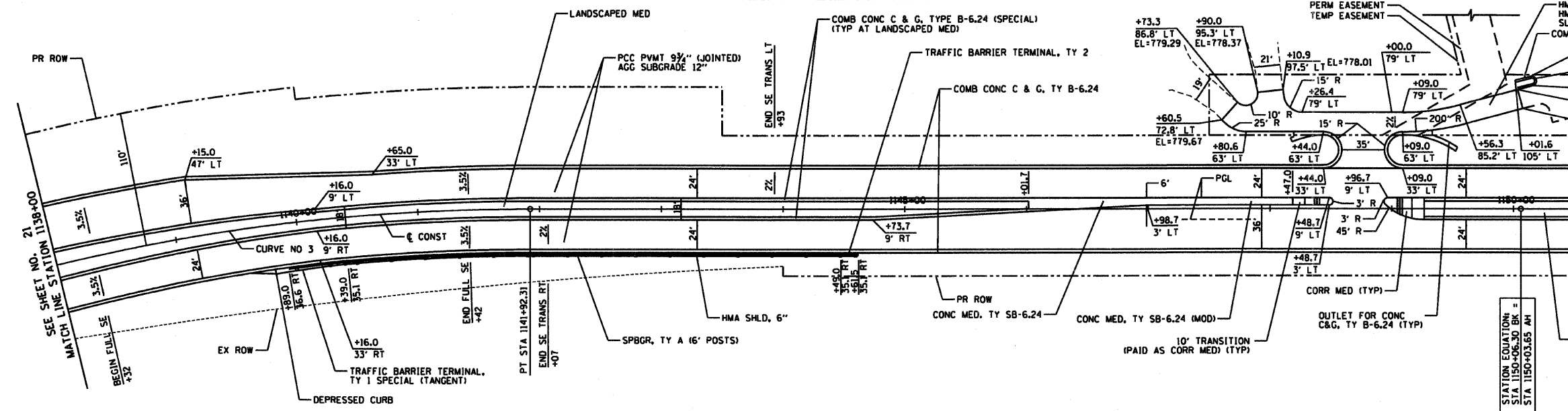
MATCH LINE STATION 1150+50  
SEE SHEET NO. 23

EXISTING U.S. ROUTE 45

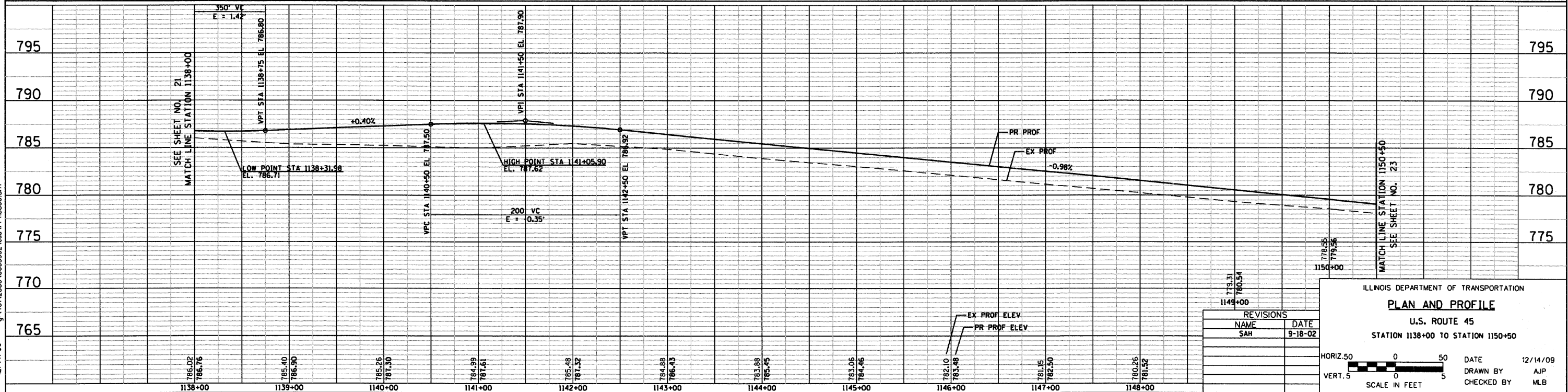
**U.S. ROUTE 45  
PROPOSED CURVE NO. 3**

PI = STA 1139+87.94  
 $\Delta = 14^{\circ}22'55.94''$  (RT)  
R = 1637.02'  
T = 206.55'  
L = 410.92'  
E = 12.98'  
PC = STA 1137+81.39  
PT = STA 1141+92.31

- NOTES**
- FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 91
  - FOR SUPERELEVATION DETAILS, SEE SHEETS NO. 94-96
  - FOR OVERFLOW ROUTE DETAILS, SEE SHEET NO. 97



PROPOSED U.S. ROUTE 45



REVISIONS	
NAME	DATE
SAH	9-18-02

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE**

U.S. ROUTE 45  
STATION 1138+00 TO STATION 1150+50

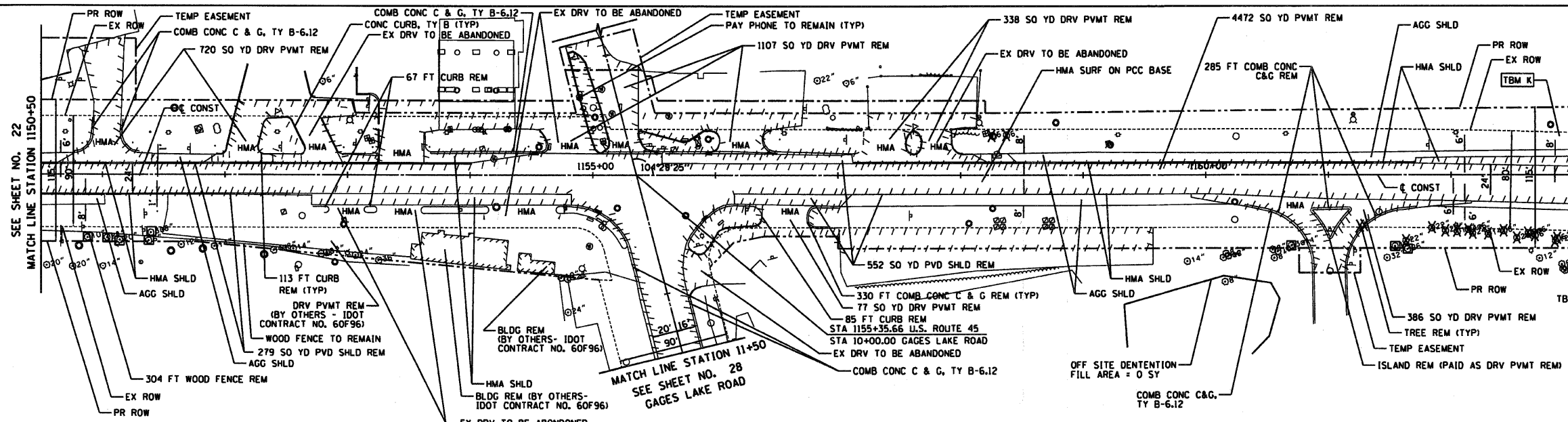
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VERT. 5 0 5  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY AJP  
CHECKED BY MLB



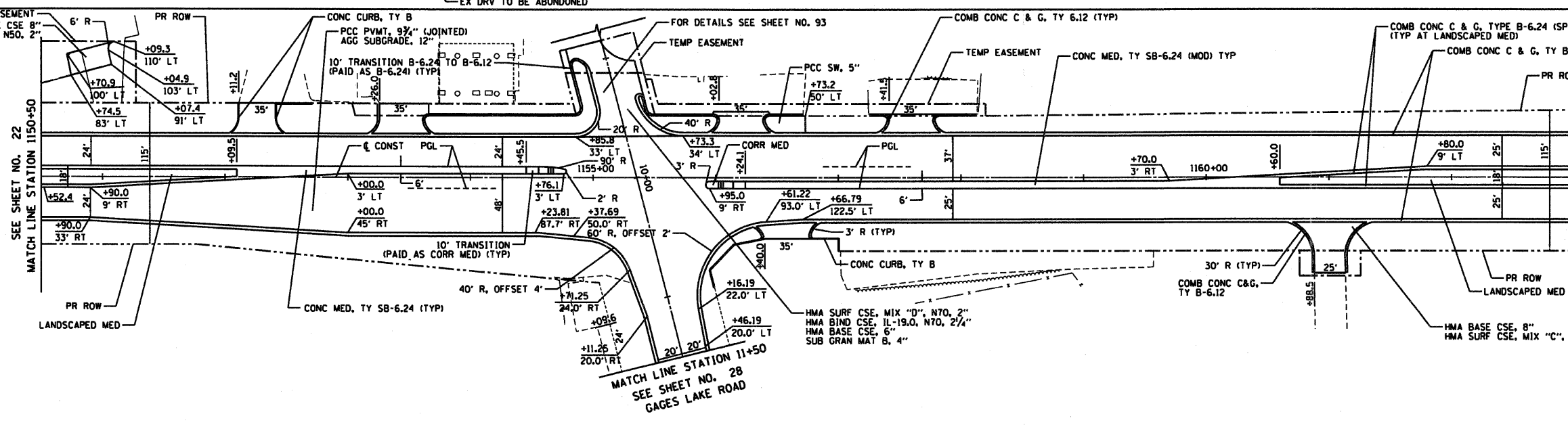
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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	23
STA.	1150+50	TO STA.	1163+00	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60956				

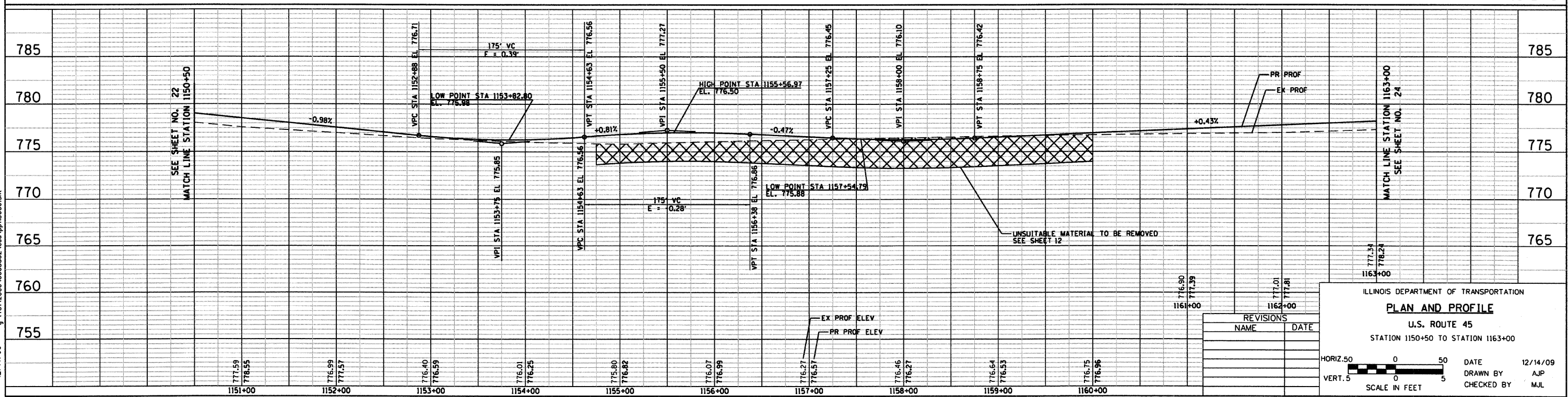


EXISTING U.S. ROUTE 45

- NOTES**
1. FOR CONCRETE MEDIAN DETAILS, SEE SHEETS NO.91
  2. FOR SUPERELEVATION DETAILS, SEE SHEETS NO.94-96
  3. FOR DRIVEWAY DETAILS, SEE SHEETS NO.171-172
  4. FOR INTERSECTION PAVING AND LONGITUDINAL JOINT DETAILS, SEE SHEETS NO.86-91



PROPOSED U.S. ROUTE 45



ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE**

U.S. ROUTE 45

STATION 1150+50 TO STATION 1163+00

REVISIONS	
NAME	DATE

HORIZ. 50 0 50  
VERT. 5 0 5

SCALE IN FEET

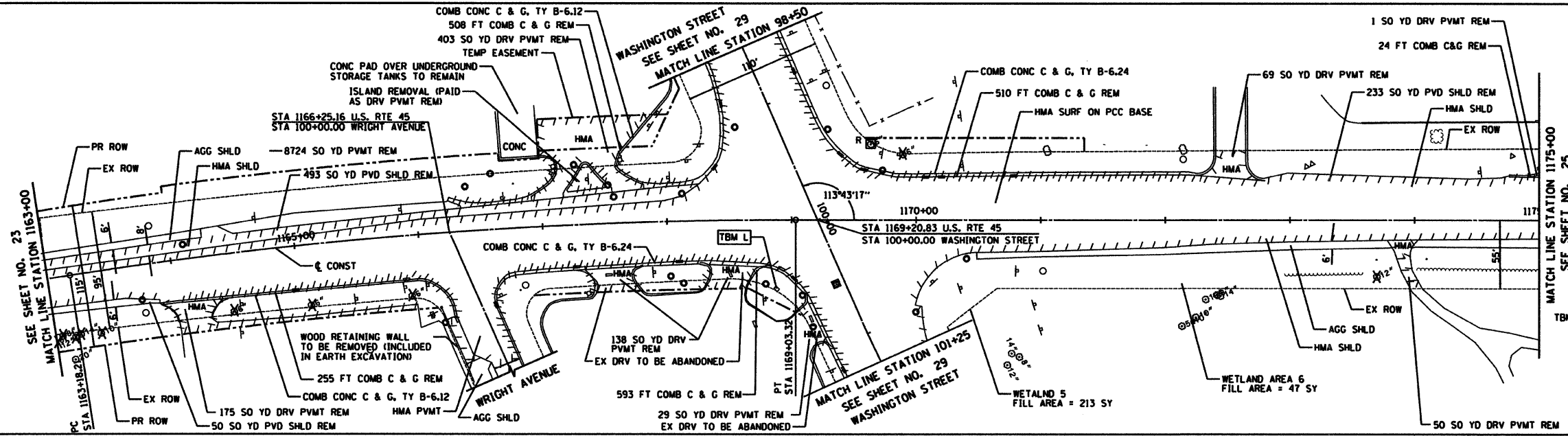
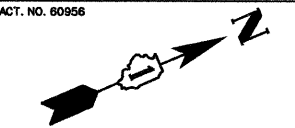
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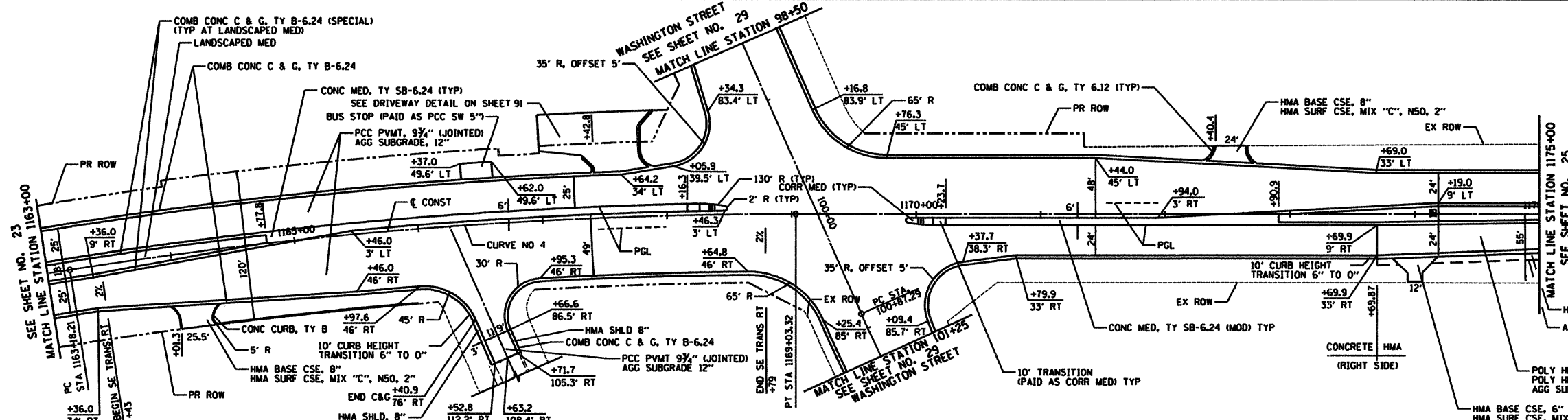


RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-18&47)WRS-2	LAKE	234	24
STA. 1163+00		TO STA. 1175+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60956				



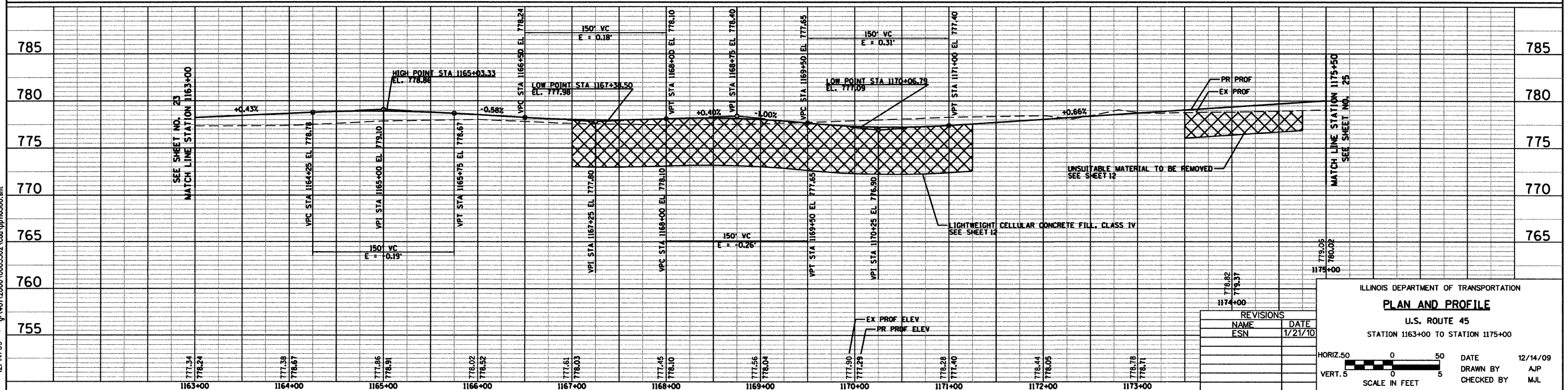
TBM L - "L" CUT IN THE NORTHEAST CORNER OF THE TRAFFIC SIGNAL DOUBLE HANDHOLE AT THE SOUTHEAST CORNER OF U.S. ROUTE 45 AND WASHINGTON STREET STA 1168+97.77, OFF 51.24 RT, EL 777.21

EXISTING U.S. ROUTE 45



**U.S. ROUTE 45 PROPOSED CURVE NO. 4**  
 PI = STA 1166+11.34  
 Δ = 8°46'36.03" (RT)  
 R = 3819.72'  
 T = 293.13'  
 L = 585.11'  
 E = 11.23'  
 PC = STA 1163+18.21  
 PT = STA 1169+03.32

- NOTES**
1. FOR DRIVEWAY DETAILS, SEE SHEETS NO. 171 - 172
  2. FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 91
  3. FOR ISLAND DETAILS, SEE SHEET NO. 91
  4. FOR INTERSECTION PAVING AND LONGITUDINAL JOINT DETAILS, SEE SHEETS NO. 86 - 91



REVISIONS	
NAME	DATE
ESN	1/21/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE**

U.S. ROUTE 45  
 STATION 1163+00 TO STATION 1175+00

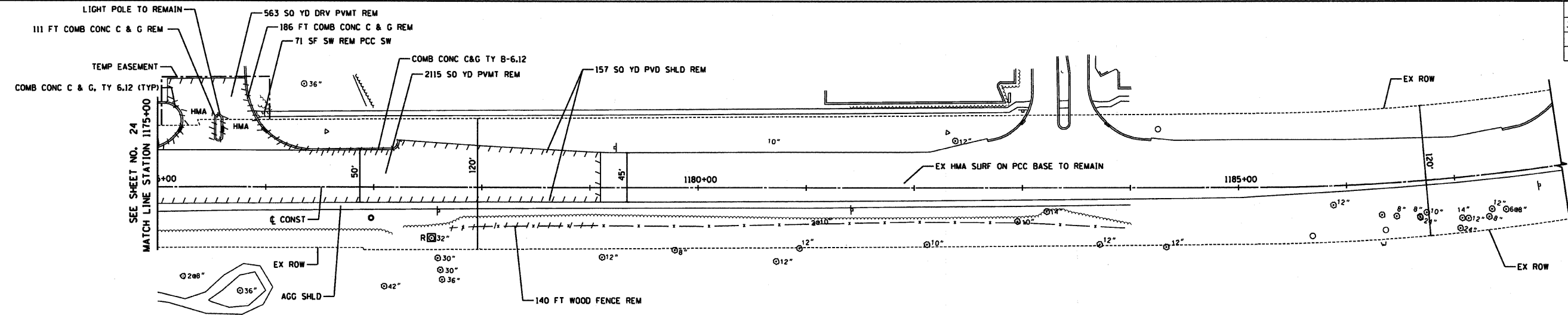
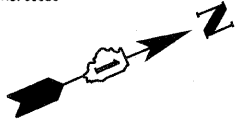
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 VERT. 5 0 5  
 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY AJP  
 CHECKED BY MJL

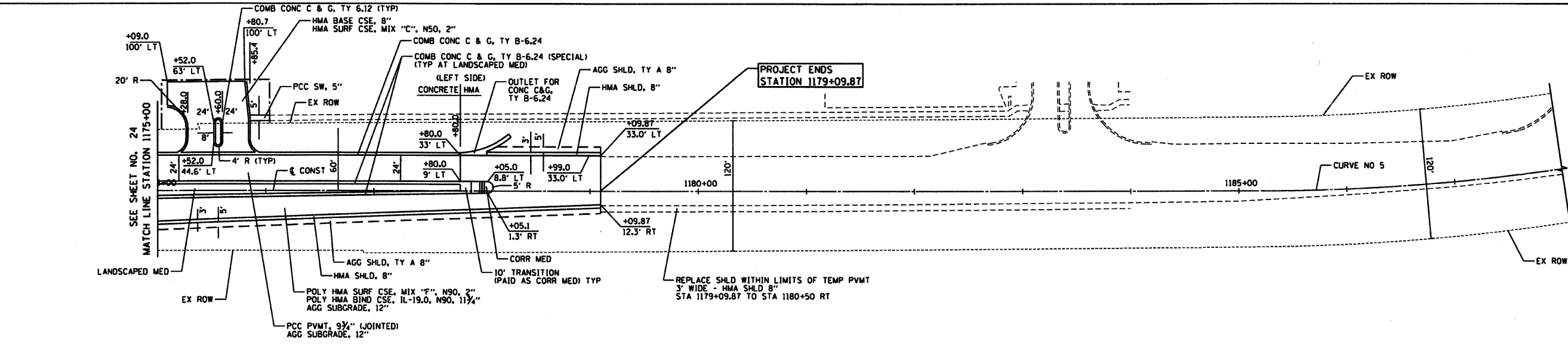


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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	25
STA.	1175+00	TO STA.	1179+09.87	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60956				



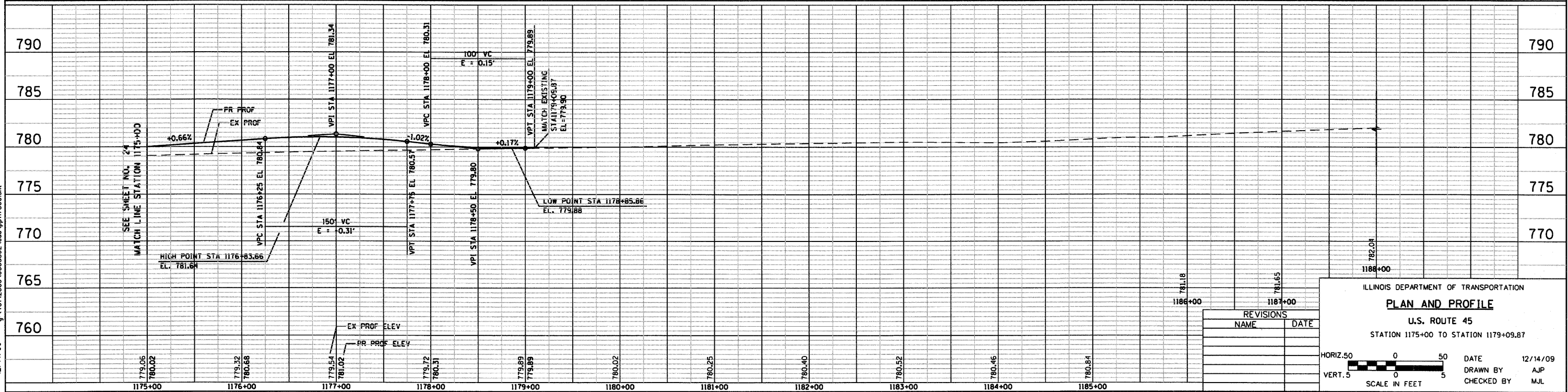
EXISTING U.S. ROUTE 45



**NOTES**  
1. FOR DRIVEWAY DETAILS, SEE SHEETS NO. 171 - 172

**US ROUTE 45  
PROPOSED CURVE NO. 5**  
PI = STA 1189+11.90  
Δ = 23°20'28.24" (L.T.)  
R = 1909.86'  
T = 394.49'  
L = 778.04'  
E = 40.32'  
PC = STA 1185+17.41  
PT = STA 1192+95.45

PROPOSED U.S. ROUTE 45



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAN AND PROFILE**  
U.S. ROUTE 45  
STATION 1175+00 TO STATION 1179+09.87

HORIZ. 50 0 50  
VERT. 5 0 5  
SCALE IN FEET

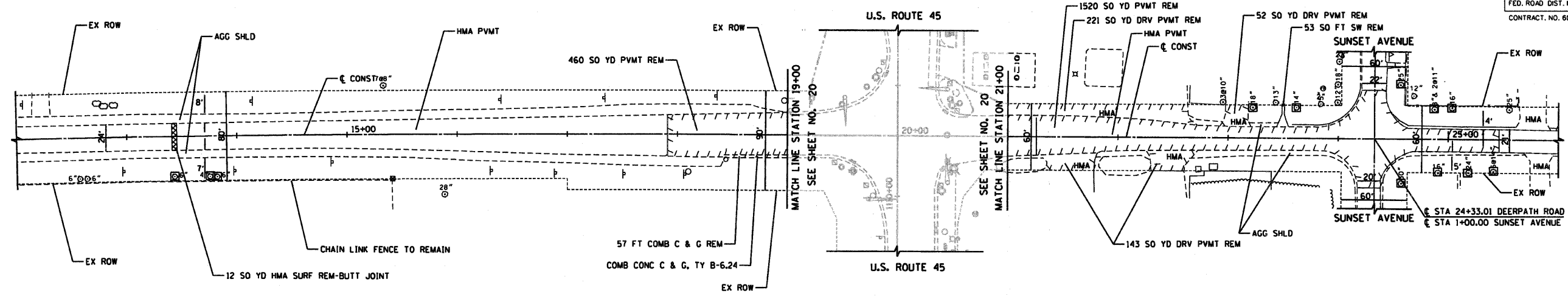
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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	26
STA	13+41	TO STA	25+46	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60956				

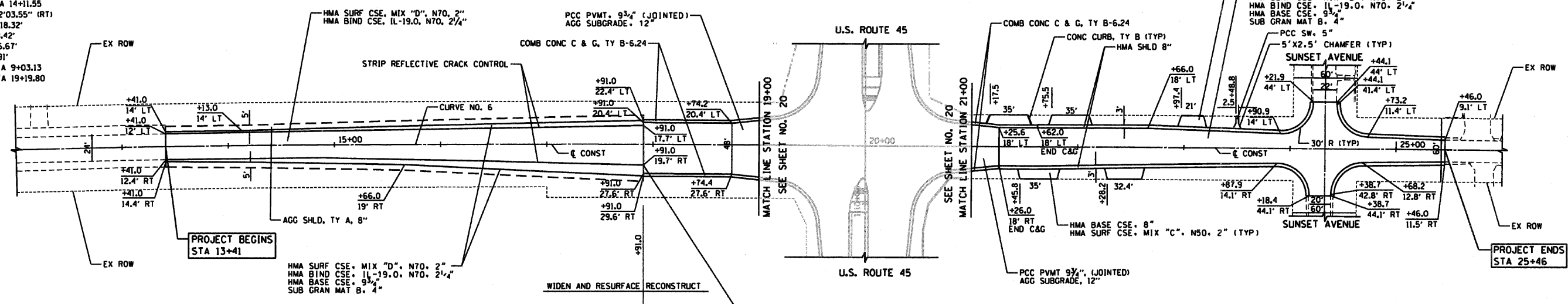


EXISTING CENTER STREET/DEERPETH ROAD

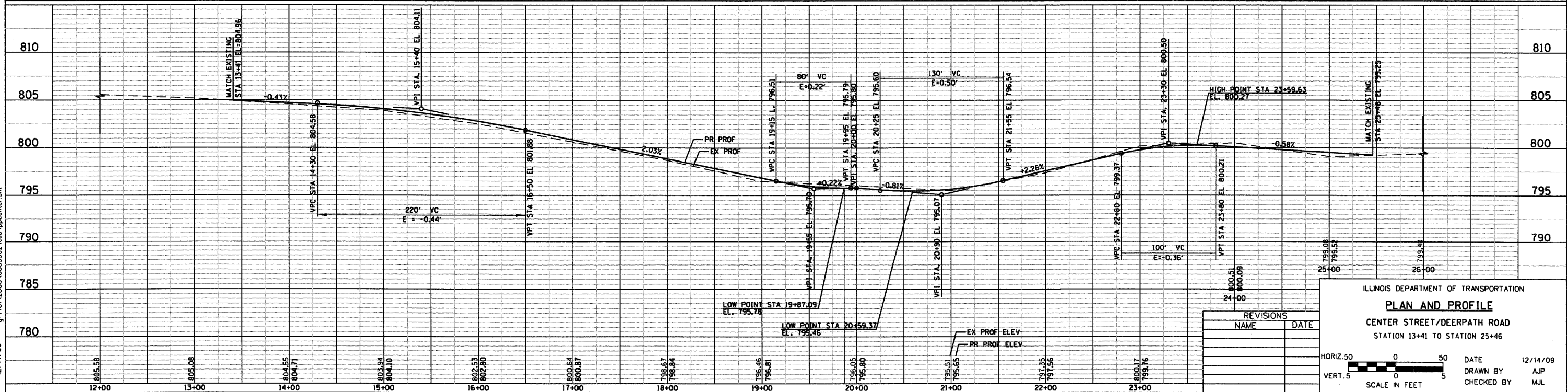
**PROPOSED CURVE NO. 6**

PI = STA 14+11.55  
 $\Delta = 2^{\circ}32'03.55''$  (RT)  
 R = 22918.32'  
 T = 508.42'  
 L = 1016.67'  
 E = 24.91'  
 PC = STA 9+03.13  
 PT = STA 19+19.80

**NOTES**  
 1. FOR DRIVEWAY DETAILS, SEE SHEETS NO.171-172



PROPOSED CENTER STREET/DEERPETH ROAD



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAN AND PROFILE**  
 CENTER STREET/DEERPETH ROAD  
 STATION 13+41 TO STATION 25+46

REVISIONS	NAME	DATE

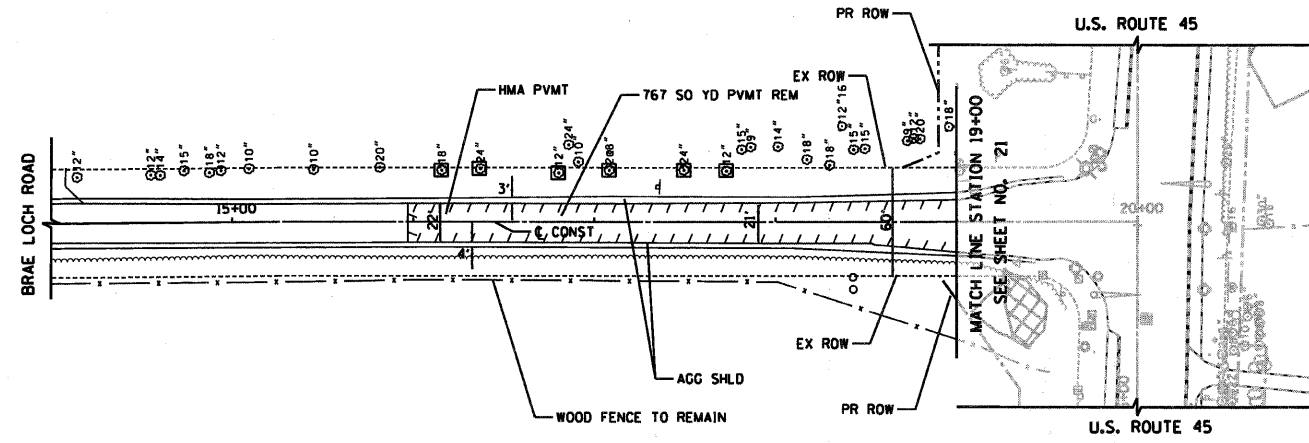
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 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY AJP  
 CHECKED BY MJL

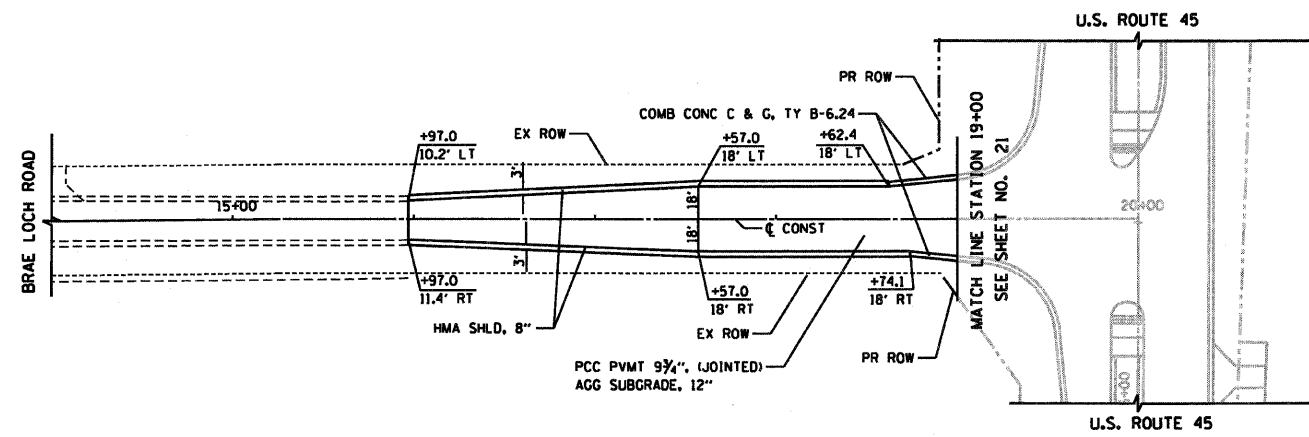


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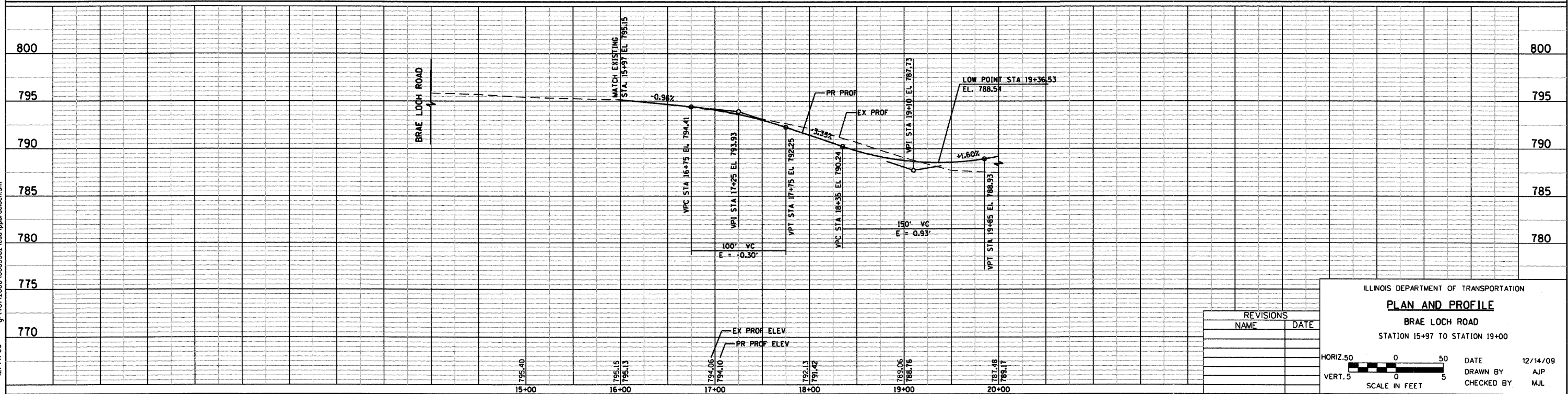
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	27
STA	15+97	TO STA	9+00	
FED. ROAD DIST. NO. 7	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 60956				



EXISTING BRAE LOCH ROAD



PROPOSED BRAE LOCH ROAD



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAN AND PROFILE**  
 BRAE LOCH ROAD  
 STATION 15+97 TO STATION 19+00

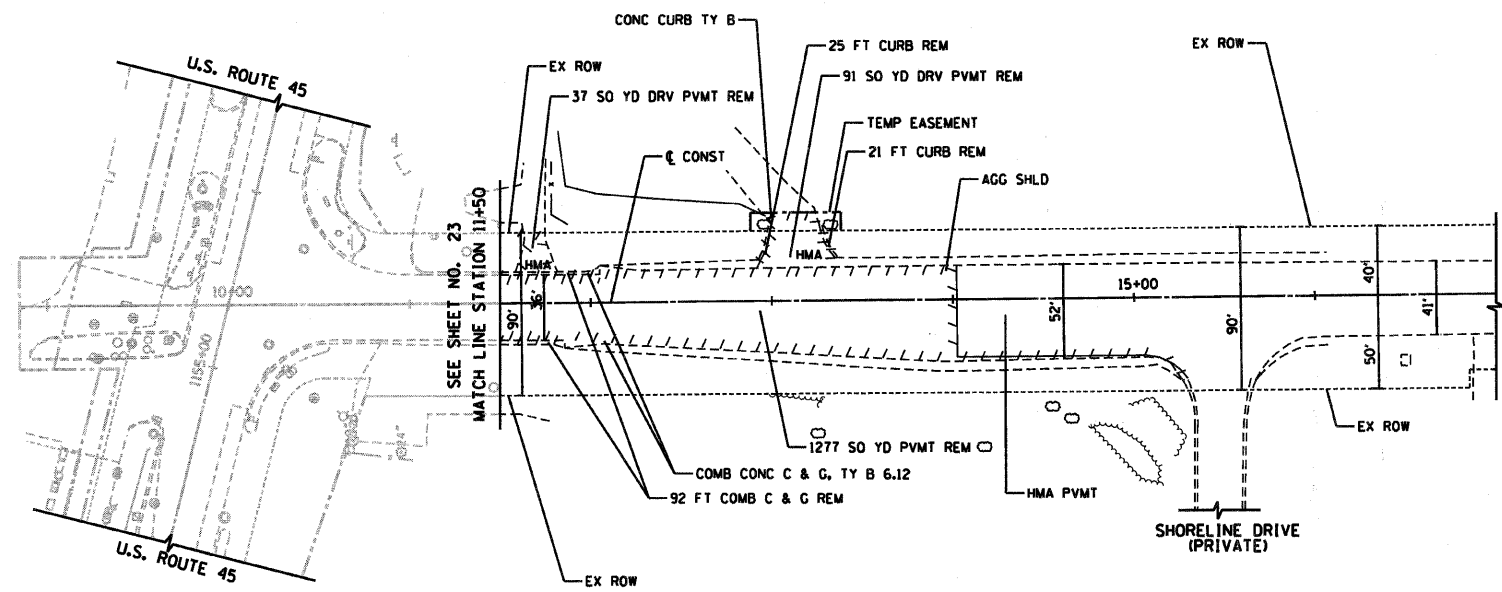
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DATE 12/14/09  
 DRAWN BY AJP  
 CHECKED BY MJL



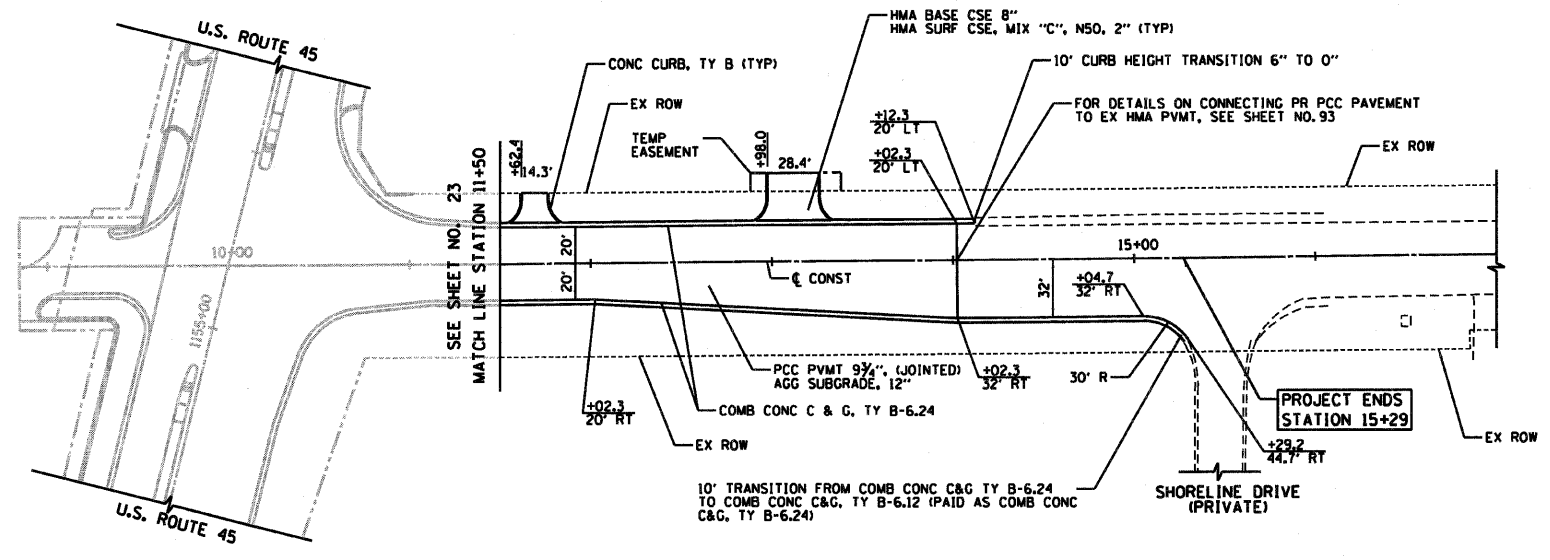
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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	28
STA.	11+50	TO STA.	15+29	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60956				

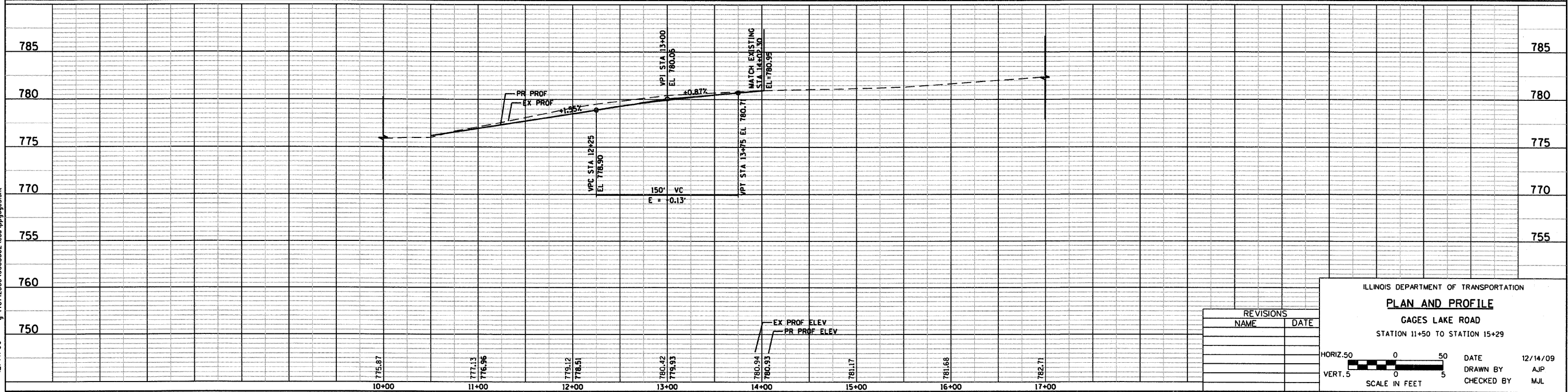


EXISTING GAGES LAKE ROAD

**NOTES**  
1. FOR DRIVEWAY DETAILS, SEE SHEETS NO. 171-172



PROPOSED GAGES LAKE ROAD



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAN AND PROFILE**  
GAGES LAKE ROAD  
STATION 11+50 TO STATION 15+29

HORIZ. 50  
VERT. 5  
SCALE IN FEET

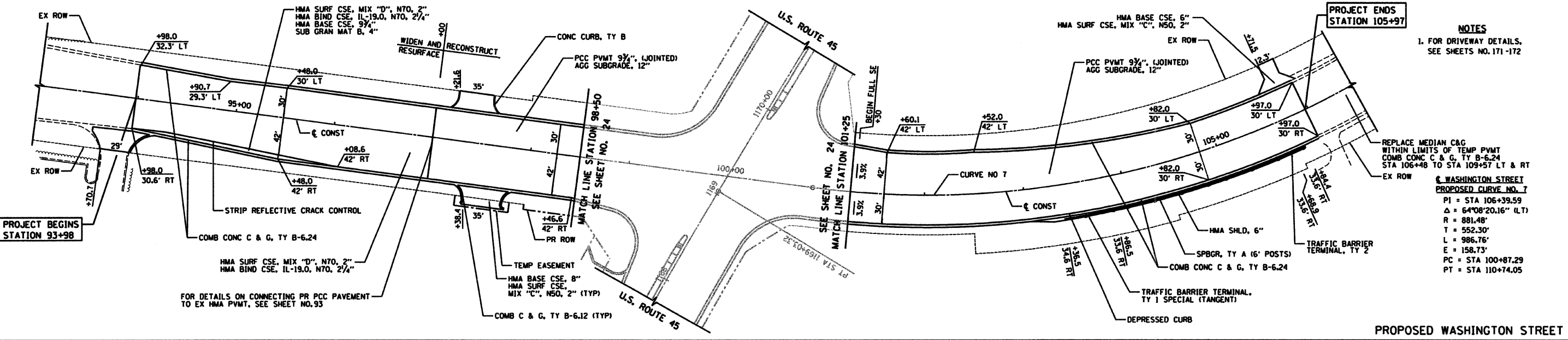
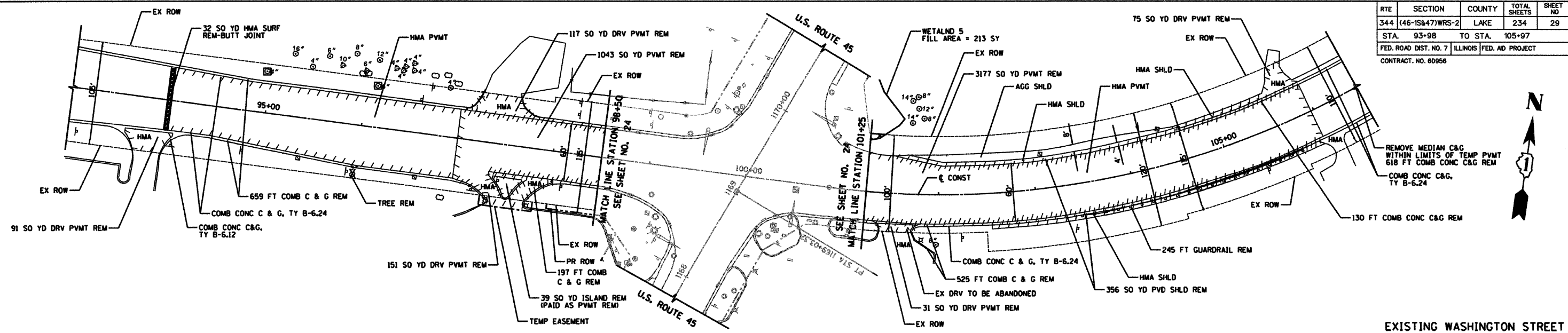
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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	29
STA. 93+98		TO STA. 105+97		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60956				

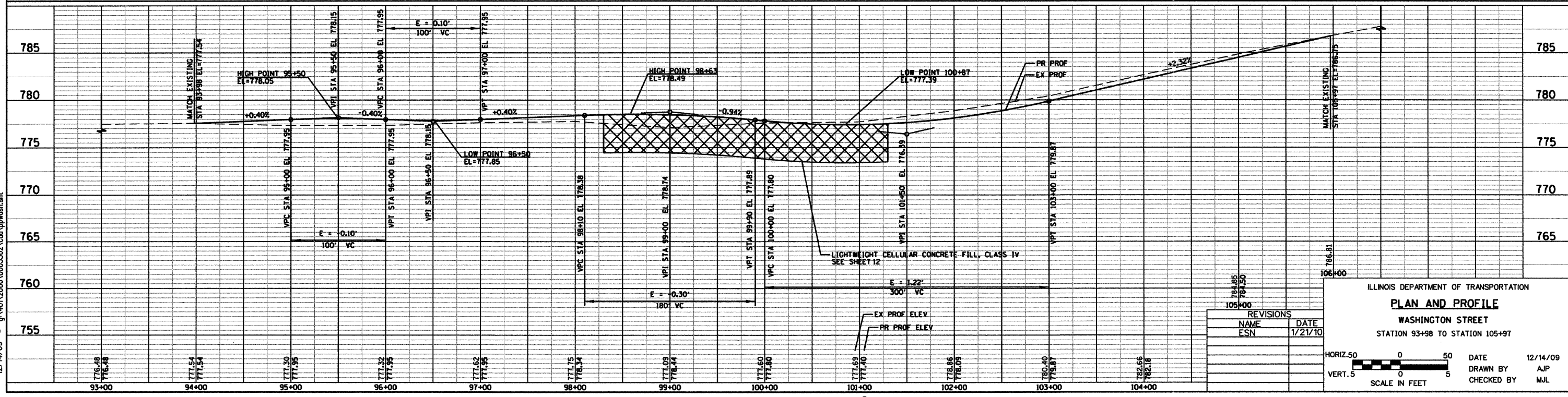


PROJECT BEGINS STATION 93+98

PROJECT ENDS STATION 105+97

NOTES  
1. FOR DRIVEWAY DETAILS, SEE SHEETS NO. 171-172

WASHINGTON STREET PROPOSED CURVE NO. 7  
 PI = STA 106+39.59  
 Δ = 64°08'20.16" (LT)  
 R = 881.48'  
 T = 552.30'  
 L = 986.73'  
 E = 158.73'  
 PC = STA 100+87.29  
 PT = STA 110+74.05



REVISIONS	
NAME	DATE
ESN	1/21/10

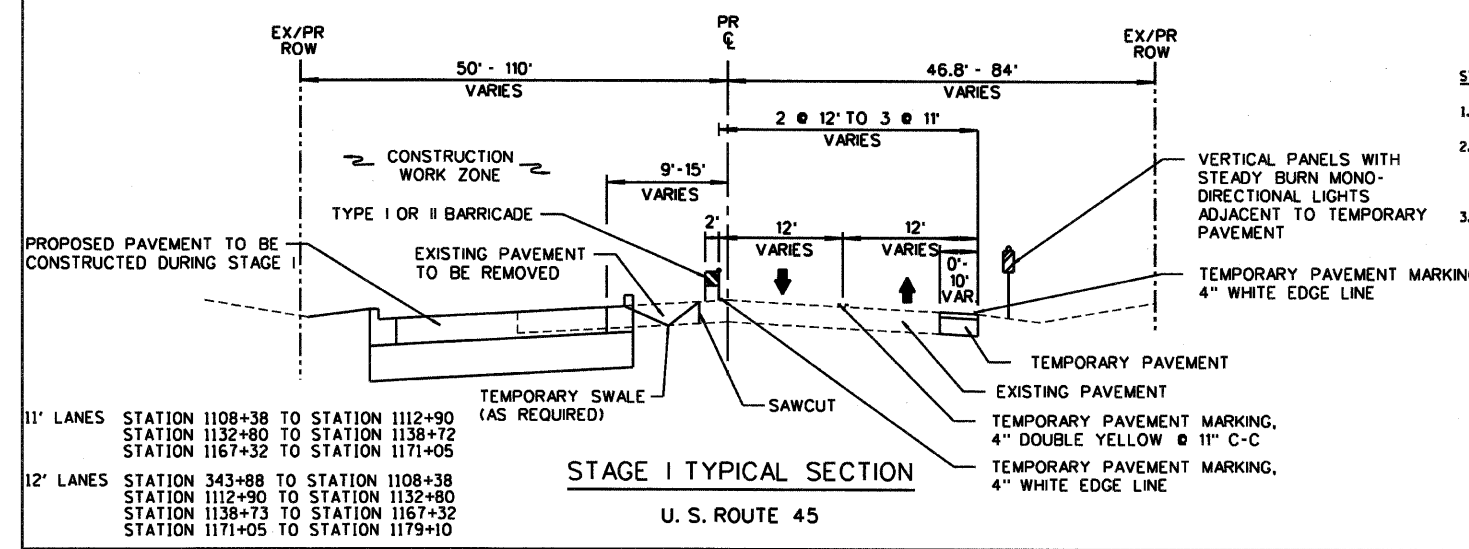
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 SCALE IN FEET  
 DATE 12/14/09  
 DRAWN BY AJP  
 CHECKED BY MJL



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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15&47)WRS-2	LAKE	234	30
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60956				

U. S. ROUTE 45  
CONSTRUCTION STAGING



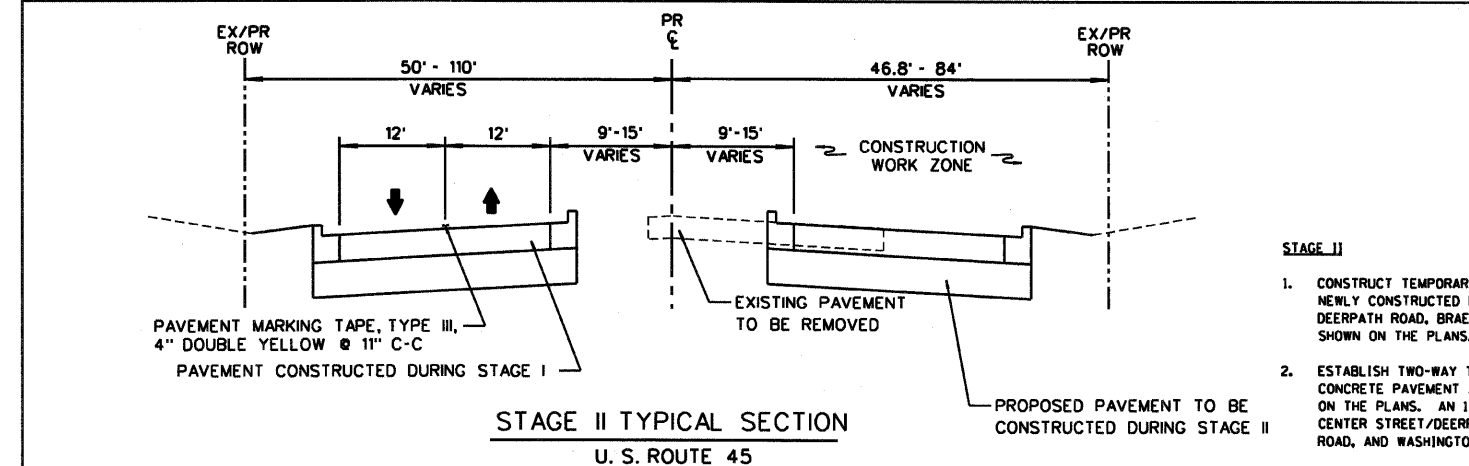
- STAGE IA**
1. MAINTAIN TWO-WAY TRAFFIC FLOW ON U.S. ROUTE 45.
  2. INSTALL TEMPORARY TRAFFIC SIGNALS AT CENTER STREET/DEERPATH ROAD, BRAE LOCH ROAD, GAGES LAKE ROAD, AND WASHINGTON STREET. REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.
  3. THE FOLLOWING SHALL BE PERFORMED USING STANDARD 701201 OR 701306 FOR DAY TIME ONE LANE CLOSURES.
    - A. UTILITY ADJUSTMENTS ALONG BOTH SIDES OF U.S. ROUTE 45.
    - B. CONSTRUCT MAINLINE STORM SEWER LOCATED ALONG THE EAST SIDE OF U.S. ROUTE 45.
    - C. CONSTRUCT EAST SIDE OF THE CULVERTS AT STATIONS 1113+00 AND 1143+00 AND MAINLINE STORM SEWER NORTH OF WASHINGTON STREET.
    - D. CONSTRUCT TEMPORARY PAVEMENT ADJACENT TO THE EXISTING PAVEMENT AT CENTER STREET/DEERPATH ROAD, BRAE LOCH ROAD, GAGES LAKE ROAD, WASHINGTON STREET AND FROM STATION 1143+75 TO STATION 1154+85, STATION 1156+16 TO STATION 1164+00 AND STATION 1170+44 TO STATION 1180+67 ALONG U.S. ROUTE 45 AS SHOWN IN THE PLANS. TEMPORARY PAVEMENT LEFT IN PLACE OVER THE WINTER SHALL BE STRIPED AS SHOULDER ACCORDING TO THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" (TC-13)

- STAGE I**
1. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE EAST SIDE OF U.S. ROUTE 45 AS SHOWN ON THE PLANS. A MINIMUM OF ONE, 11' THROUGH LANE IN EACH DIRECTION SHALL BE MAINTAINED THROUGHOUT THE ENTIRE LENGTH. IN ADDITION, AN 11' LEFT TURN LANE SHALL BE MAINTAINED AT CENTER STREET/DEERPATH ROAD, BRAE LOCH ROAD, GAGES LAKE ROAD, AND WASHINGTON STREET.
  2. REMOVE THE EXISTING PAVEMENT, PAVED SHOULDER, AGGREGATE SHOULDER, MEDIAN, AND CURB AND GUTTER ALONG THE WEST SIDE OF U.S. ROUTE 45.
  3. CONSTRUCT MAINLINE STORM SEWER, WEST SIDE STORM SEWER LATERALS, AND WEST SIDE OF CULVERTS ALONG U.S. ROUTE 45.
  4. CONSTRUCT SOUTHBOUND COMBINATION CONCRETE CURB AND GUTTER AND P.C. CONCRETE PAVEMENT AS SHOWN ON THE PLANS.
  5. PLACE PERMANENT SEEDING AND SODDING ON WEST SIDE OF ROADWAY.

**GENERAL NOTES**

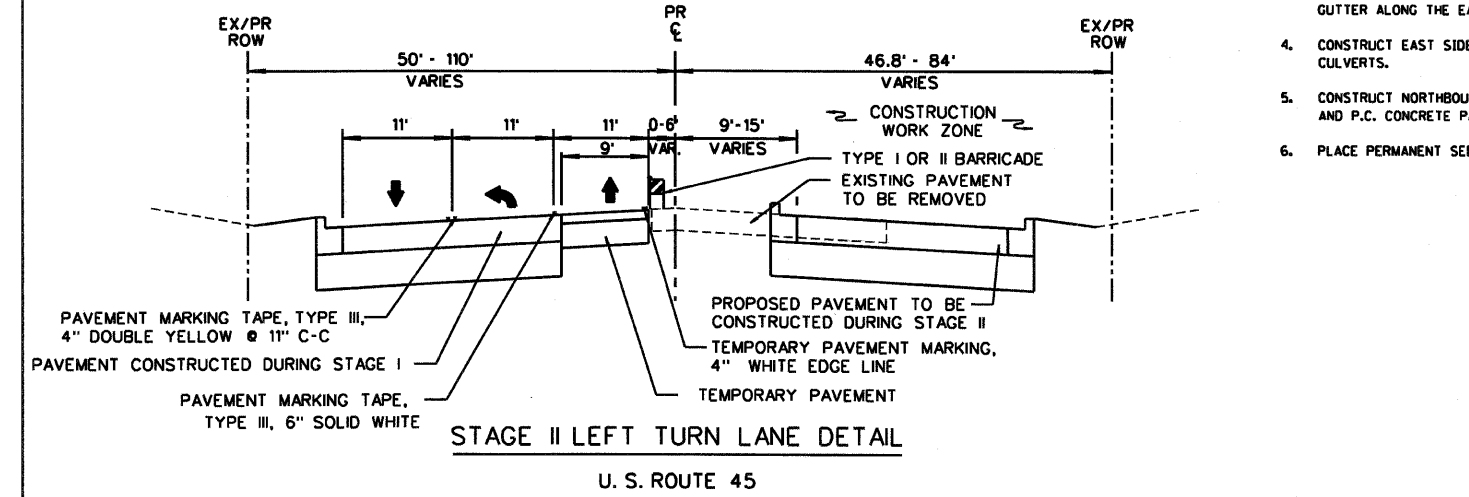
1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 22' CLEAR WIDTH ROADWAY IN EACH DIRECTION FOR TWO-WAY TRAFFIC FLOW AND A MINIMUM 11' WIDE LEFT TURN LANE AT LOCATIONS SHOWN THROUGHOUT THE DURATION OF THE CONTRACT. INGRESS AND EGRESS TO DRIVEWAYS AND SIDE STREETS SHALL BE MAINTAINED AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. A QUANTITY OF TEMPORARY ACCESS HAS BEEN INCLUDED IN THE CONTRACT FOR DRIVEWAY AND SIDE STREET ACCESS.
2. TYPE I OR II BARRICADES, DRUMS, OR VERTICAL PANELS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED AT 50' INTERVALS ALONG THE PROPOSED WORK ZONE AND AT 25' INTERVALS WITHIN TAPER SECTIONS AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. TYPE I BARRICADES SHALL HAVE A MINIMUM OF 288 SQUARE INCHES OF REFLECTORIZED AREA.
3. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL. THE CONTRACTOR SHALL MARK A DOUBLE 4" WIDE SOLID CENTERLINE (11" C/C) DURING STAGE I AND STAGE II TRAFFIC OPERATIONS AS SHOWN ON THE PLANS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY PAVEMENT MARKING AND/OR PAVEMENT MARKING TAPE, TYPE III, 4".
4. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES TO RESTRIPE EACH STAGE, 3 TIMES HAVE BEEN PROVIDED. ALL MARKINGS REQUIRING REPLACEMENT AFTER THE THIRD PLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
5. THE CONTRACTOR SHALL REPLACE ANY TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER THAT IS DAMAGED OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF ORIGINAL TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER.
6. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.
7. THE CLOSURE OF ONE THRU TRAFFIC LANE FOR ANY REASON SHALL BE RESTRICTED TO THE WEEKDAY HOURS OF 9:00 AM TO 3:30 PM, AS APPROVED IN ADVANCE BY THE ENGINEER.
8. ALL DRIVEWAYS SHALL BE OPEN FOR TRAFFIC DURING THE CONSTRUCTION.
9. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION. A QUANTITY OF 10 INLETS AND 1000' OF 12" STORM SEWER HAVE BEEN PROVIDED FOR TEMPORARY USE.
11. THE ITEM TRAFFIC CONTROL AND PROTECTION (SPECIAL) SHALL INCLUDE ALL TRAFFIC CONTROL NECESSARY FOR ALL STAGES OF CONSTRUCTION.
12. TEMPORARY RAMPS SHALL BE USED TO ACCOUNT FOR DIFFERENCES IN EXISTING AND PROPOSED PAVEMENT ELEVATIONS BETWEEN STAGES OF CONSTRUCTION AT THE INTERSECTIONS OF U.S. ROUTE 45 WITH BRAE LOCH ROAD, GAGES LAKE ROAD, AND WASHINGTON STREET AND AT OTHER AREAS AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID PER TON OF HMA BINDER COURSE, 1L-19.0, NSO, REMOVAL SHALL BE INCLUDED IN THE COST OF REMOVAL OF THE PAVEMENT UNDERLYING THE RAMP.
13. BARRIER MEDIANS REMOVED FOR MAINTENANCE OF TRAFFIC SHALL BE REPLACED IN KIND. THIS WORK WILL BE PAID FOR WITH THE APPROPRIATE PAY ITEMS.
14. "CAUTION NEW LANES ARE OPEN" SIGNS SHALL BE INSTALLED FOR A PERIOD OF TIME FOLLOWING EACH STAGE CHANGE AT THE DIRECTION OF THE ENGINEER. THE COST OF THESE SIGNS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.
15. TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED ON ALL FINAL WEARING SURFACES AND EXISTING PAVEMENT SURFACES TO REMAIN. PAINT MAY BE USED ON ALL TEMPORARY PAVEMENT AND INTERMEDIATE SURFACES.
16. THE ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
17. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED OF EITHER PCC BASE COURSE 8" OR HMA SURFACE COURSE, MIX. D, NSO, 1.5" AND HMA BINDER COURSE, 1L-19.0, NSO, 8.5" ACCORDING TO THE SPECIFICATION FOR TEMPORARY PAVEMENT.
18. DRIVEWAY ENTRANCE SIGNS SHOWN ON THE PLAN SHEETS ARE SCHEMATIC. TWO PANELS SHALL BE INSTALLED AT EACH LOCATION - ONE FACING EACH DIRECTION OF TRAFFIC FLOW. SEE DETAILS ON SHEET 187.

TRAFFIC DATA:  
A) POSTED SPEED LIMIT - 35 MPH/40 MPH  
B) AVERAGE DAILY TRAFFIC - 22,900 (2007)



**STAGE II**

1. CONSTRUCT TEMPORARY PAVEMENT ADJACENT TO THE NEWLY CONSTRUCTED P.C. CONCRETE PAVEMENT AT CENTER STREET/DEERPATH ROAD, BRAE LOCH ROAD, AND WASHINGTON STREET SHOWN ON THE PLANS.
2. ESTABLISH TWO-WAY TRAFFIC FLOW ON NEWLY CONSTRUCTED P.C. CONCRETE PAVEMENT ALONG WEST SIDE OF U.S. ROUTE 45 AS SHOWN ON THE PLANS. AN 11' LEFT TURN LANE SHALL BE PROVIDED AT CENTER STREET/DEERPATH ROAD, BRAE LOCH ROAD, GAGES LAKE ROAD, AND WASHINGTON STREET.
3. REMOVE THE EXISTING PAVEMENT, TEMPORARY PAVEMENT, PAVED SHOULDER, AGGREGATE SHOULDER, MEDIAN, AND CURB AND GUTTER ALONG THE EAST SIDE OF U.S. ROUTE 45.
4. CONSTRUCT EAST SIDE STORM SEWER LATERALS AND EAST SIDE OF CULVERTS.
5. CONSTRUCT NORTHBOUND COMBINATION CONCRETE CURB AND GUTTER AND P.C. CONCRETE PAVEMENT AS SHOWN ON THE PLANS.
6. PLACE PERMANENT SEEDING AND SODDING ON EAST SIDE OF ROADWAY.

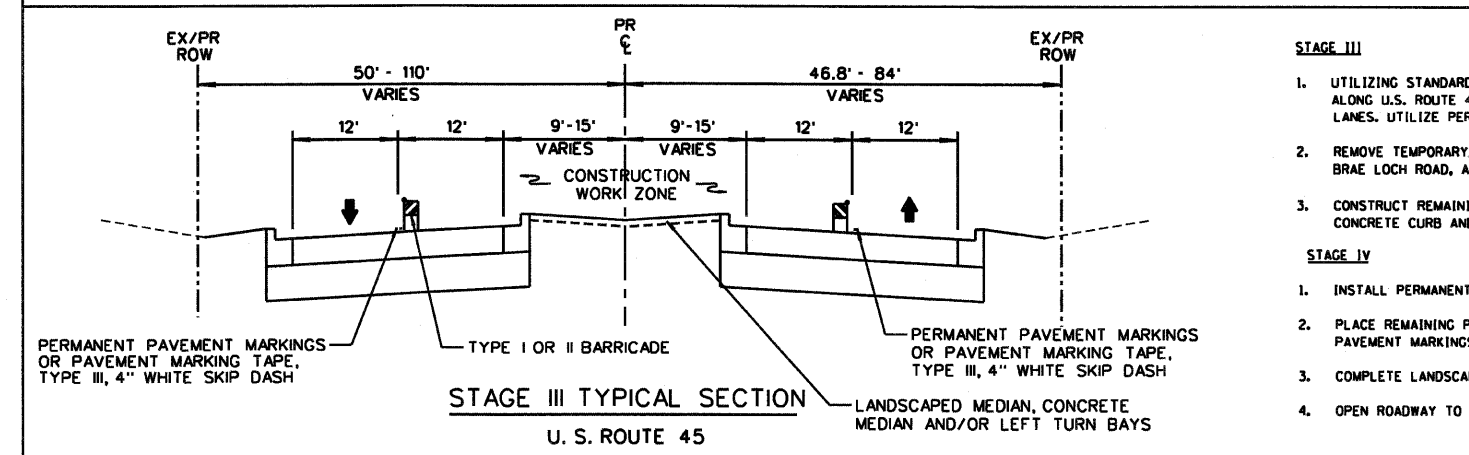


**STAGE III**

1. UTILIZING STANDARD 701401, MAINTAIN TWO-WAY TRAFFIC FLOW ALONG U.S. ROUTE 45 ON NEWLY CONSTRUCTED OUTSIDE TRAFFIC LANES. UTILIZE PERMANENT PAVEMENT MARKINGS WHEREVER POSSIBLE.
2. REMOVE TEMPORARY PAVEMENT AT CENTER STREET/DEERPATH ROAD, BRAE LOCH ROAD, AND WASHINGTON STREET ROAD.
3. CONSTRUCT REMAINING P.C. CONCRETE PAVEMENT, COMBINATION CONCRETE CURB AND GUTTER, AND MEDIANS AS SHOWN ON THE PLANS.

**STAGE IV**

1. INSTALL PERMANENT TRAFFIC SIGNALS.
2. PLACE REMAINING PERMANENT PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS NOT PLACED IN STAGE III.
3. COMPLETE LANDSCAPING.
4. OPEN ROADWAY TO TWO-WAY, FOUR-LANE TRAFFIC FLOW.

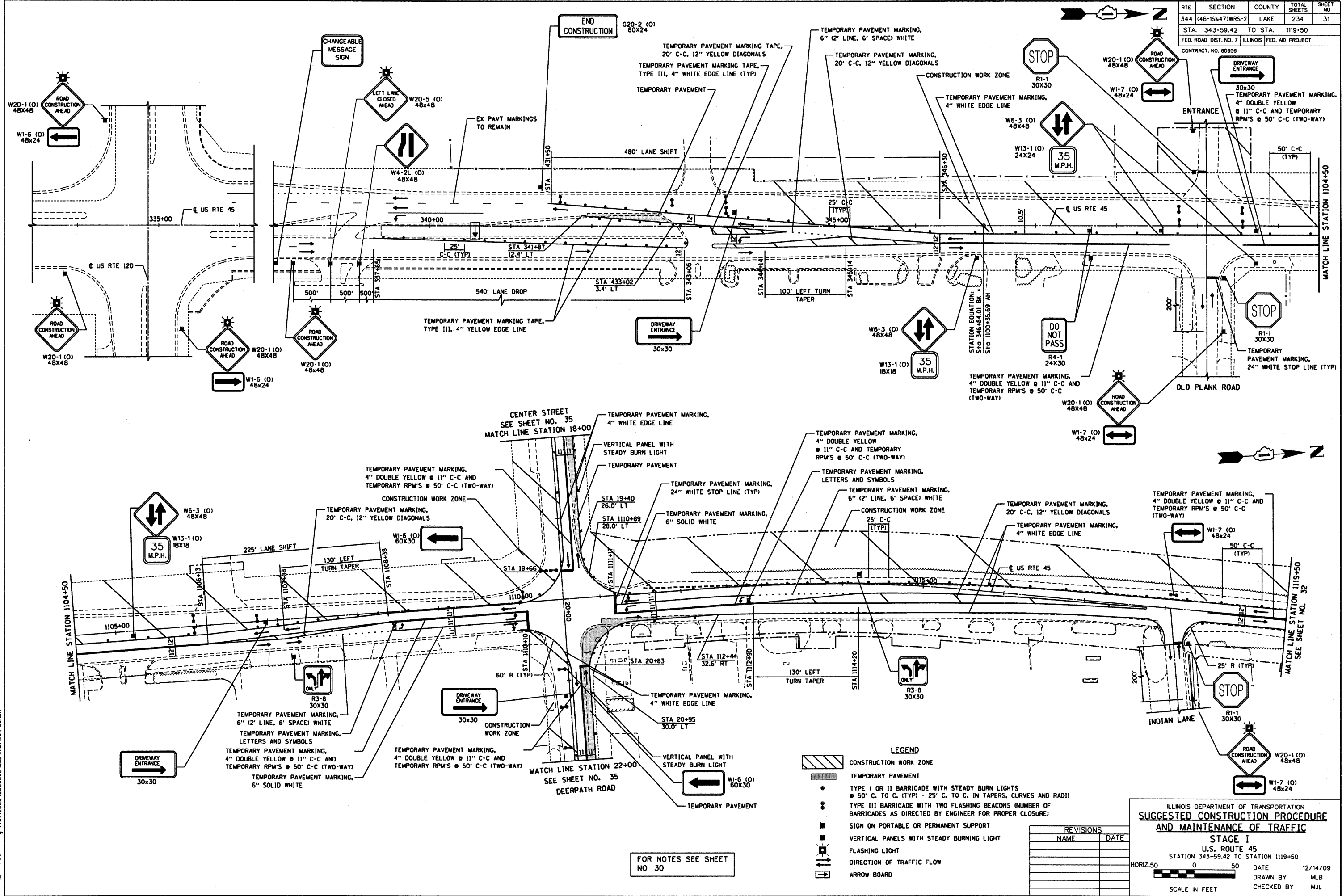


ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUGGESTED CONSTRUCTION PROCEDURE AND MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND NOTES**  
U. S. ROUTE 45

REVISIONS	NAME	DATE

SCALE: NONE  
DATE: 12/14/09  
DRAWN BY: MLB  
CHECKED BY: MJL

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	31
STA. 343+59.42 TO STA. 1119+50		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60956				



**LEGEND**

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- TYPE I OR II BARRICADE WITH STEADY BURN LIGHTS @ 50' C. TO C. (TYP) - 25' C. TO C. IN TAPERS, CURVES AND RADII
- TYPE III BARRICADE WITH TWO FLASHING BEACONS (NUMBER OF BARRICADES AS DIRECTED BY ENGINEER FOR PROPER CLOSURE)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- VERTICAL PANELS WITH STEADY BURNING LIGHT
- FLASHING LIGHT
- DIRECTION OF TRAFFIC FLOW
- ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUGGESTED CONSTRUCTION PROCEDURE AND MAINTENANCE OF TRAFFIC**  
**STAGE I**  
 U.S. ROUTE 45  
 STATION 343+59.42 TO STATION 1119+50  
 DATE 12/14/09  
 DRAWN BY MLB  
 CHECKED BY MJL

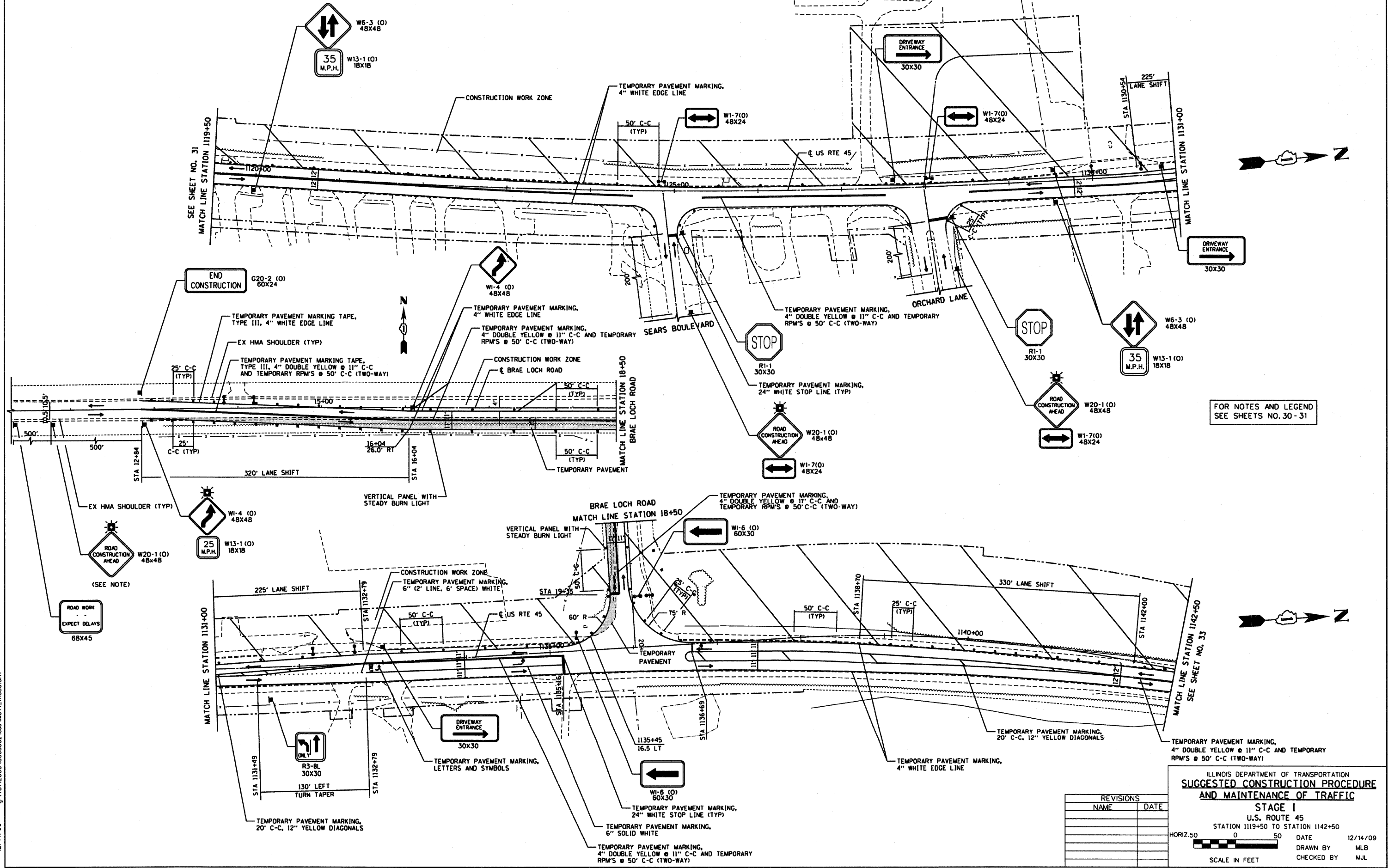
HORIZ. 50 0 50  
 SCALE IN FEET

FOR NOTES SEE SHEET NO 30



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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	32
STA.	1119+50	TO STA.	1142+50	
FED. ROAD DIST. NO. 7	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 60956				



FOR NOTES AND LEGEND  
SEE SHEETS NO. 30 - 31

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUGGESTED CONSTRUCTION PROCEDURE  
AND MAINTENANCE OF TRAFFIC**

**STAGE I**  
U.S. ROUTE 45  
STATION 1119+50 TO STATION 1142+50

REVISIONS	NAME	DATE

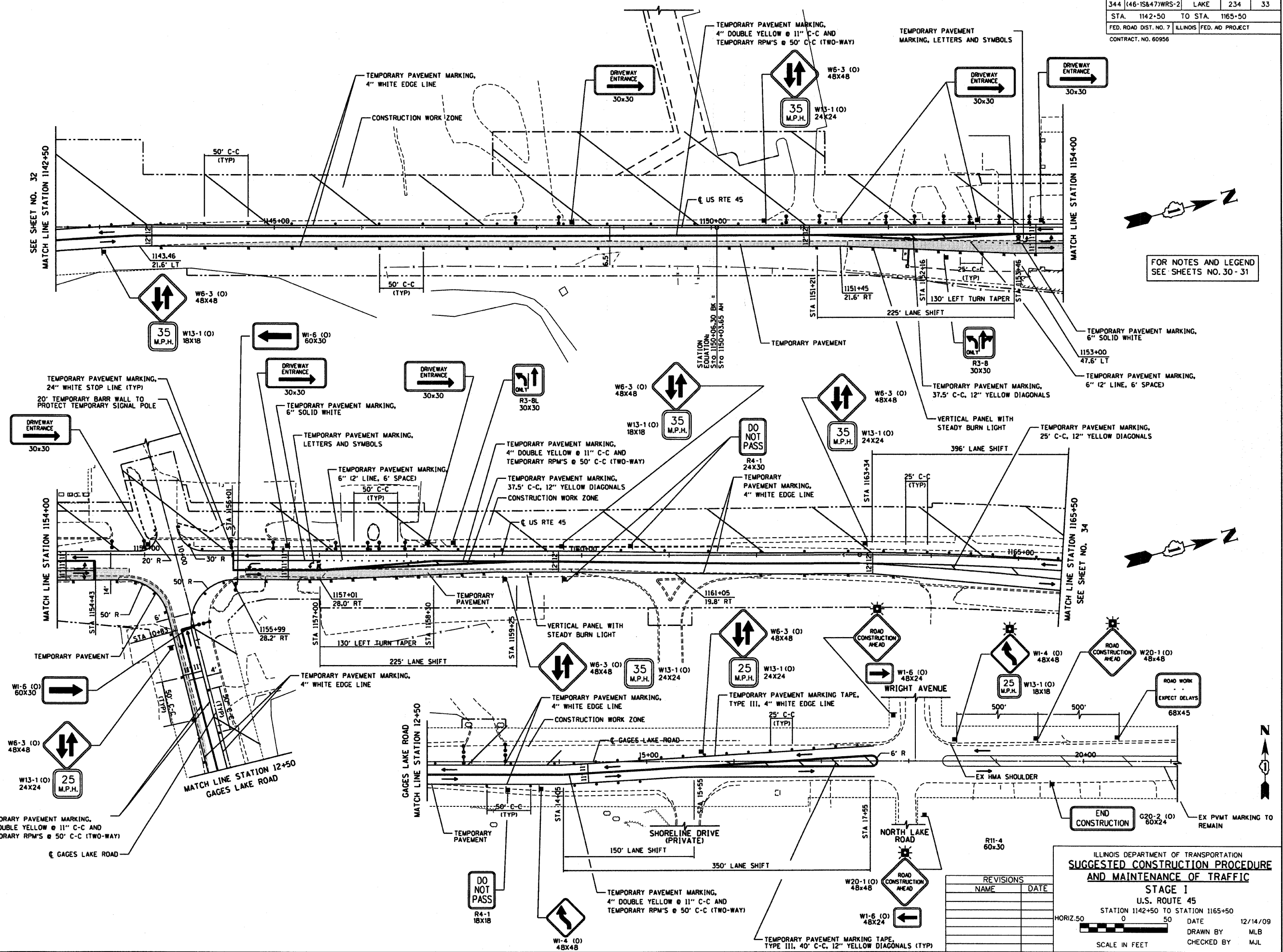
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SCALE IN FEET DRAWN BY MLB CHECKED BY MJL



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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	33
STA.	1142+50	TO STA.	1165+50	
FED. ROAD DIST. NO. 7		ILLINOIS FED. AD PROJECT		
CONTRACT NO. 60956				



FOR NOTES AND LEGEND  
SEE SHEETS NO. 30 - 31

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUGGESTED CONSTRUCTION PROCEDURE  
AND MAINTENANCE OF TRAFFIC**

**STAGE I**  
U.S. ROUTE 45  
STATION 1142+50 TO STATION 1165+50

HORIZ. 50 0 50 DATE 12/14/09  
DRAWN BY MLB  
CHECKED BY MJL

SCALE IN FEET

REVISIONS	
NAME	DATE



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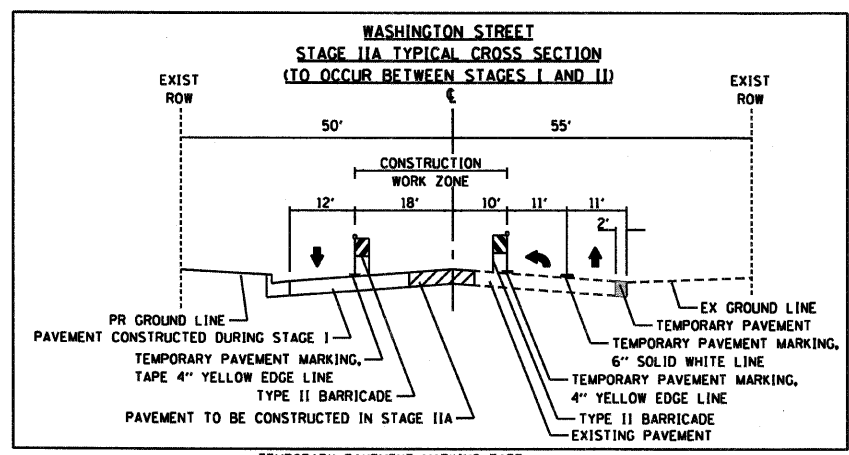




RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15&47)WRS-2	LAKE	234	35
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60956				

FOR NOTES AND LEGEND  
SEE SHEETS NO. 30-31

FOR NOTES AND LEGEND  
SEE SHEETS NO. 30-31



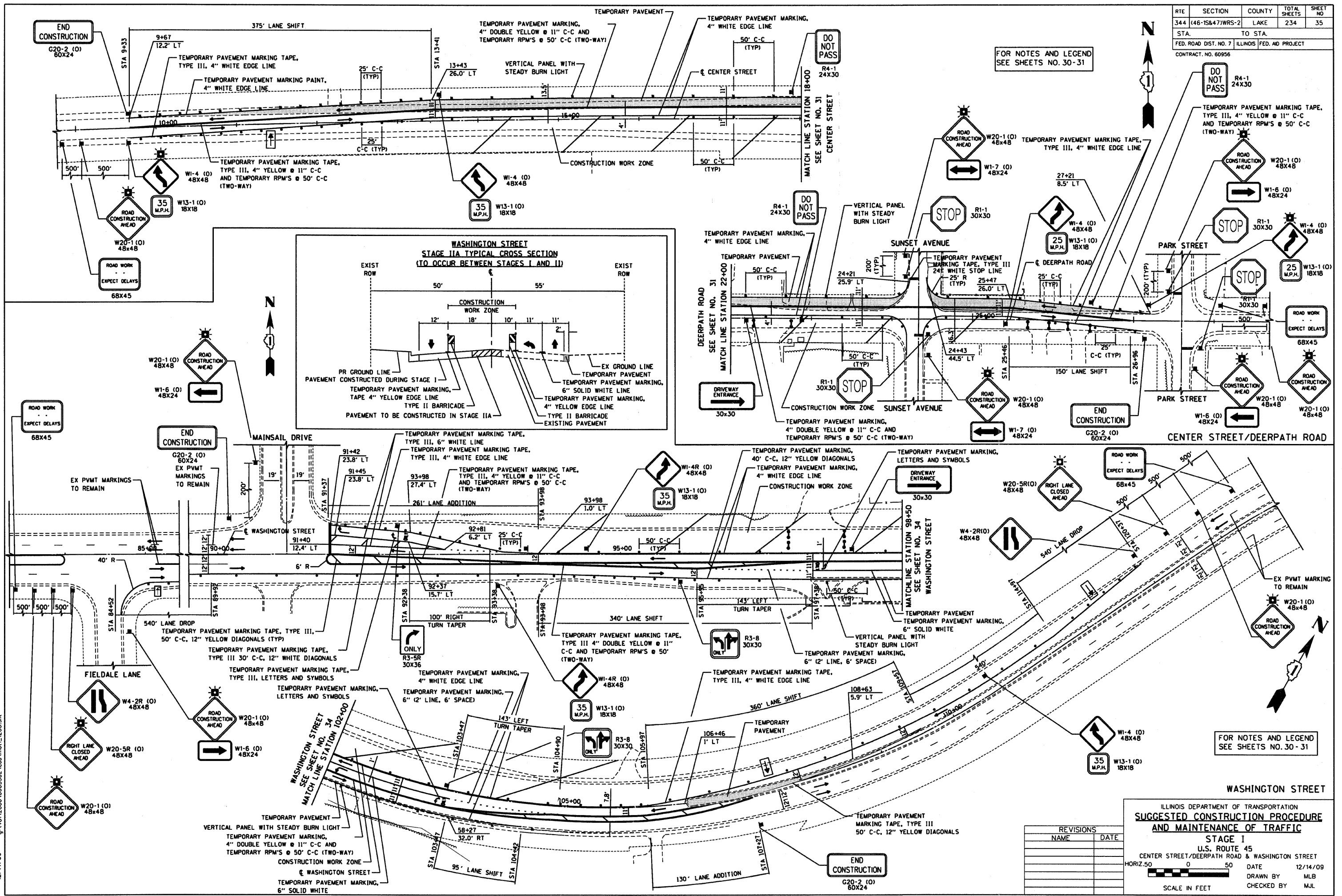
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REVISIONS	
NAME	DATE

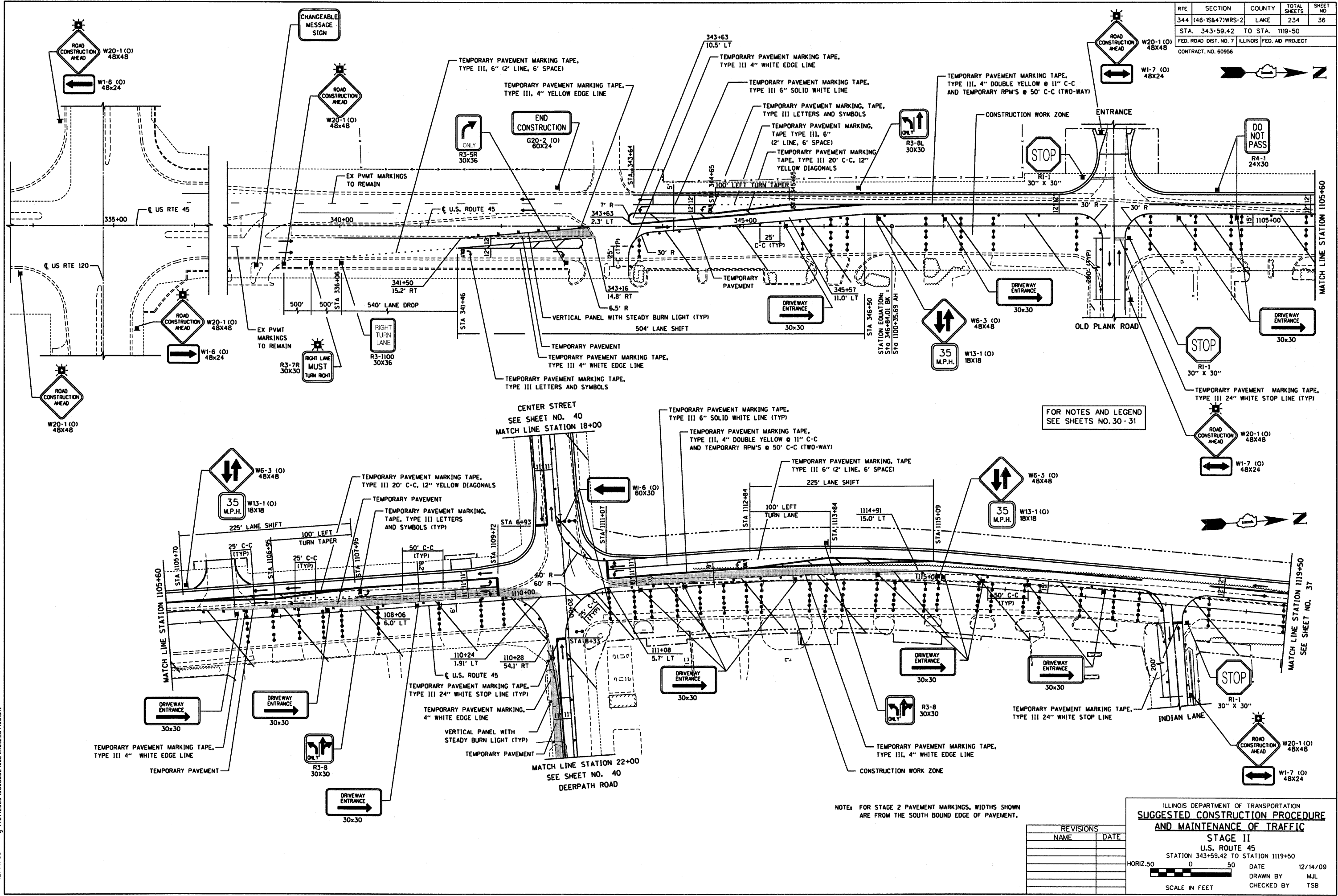
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUGGESTED CONSTRUCTION PROCEDURE AND MAINTENANCE OF TRAFFIC**  
STAGE I  
U.S. ROUTE 45  
CENTER STREET/DEERPATH ROAD & WASHINGTON STREET

HORIZ. 50 0 50  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY MLB  
CHECKED BY MJL



RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	36
STA.	343+59.42	TO STA.	1119+50	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60956				



FOR NOTES AND LEGEND  
SEE SHEETS NO. 30 - 31

NOTE: FOR STAGE 2 PAVEMENT MARKINGS, WIDTHS SHOWN ARE FROM THE SOUTH BOUND EDGE OF PAVEMENT.

REVISIONS	
NAME	DATE

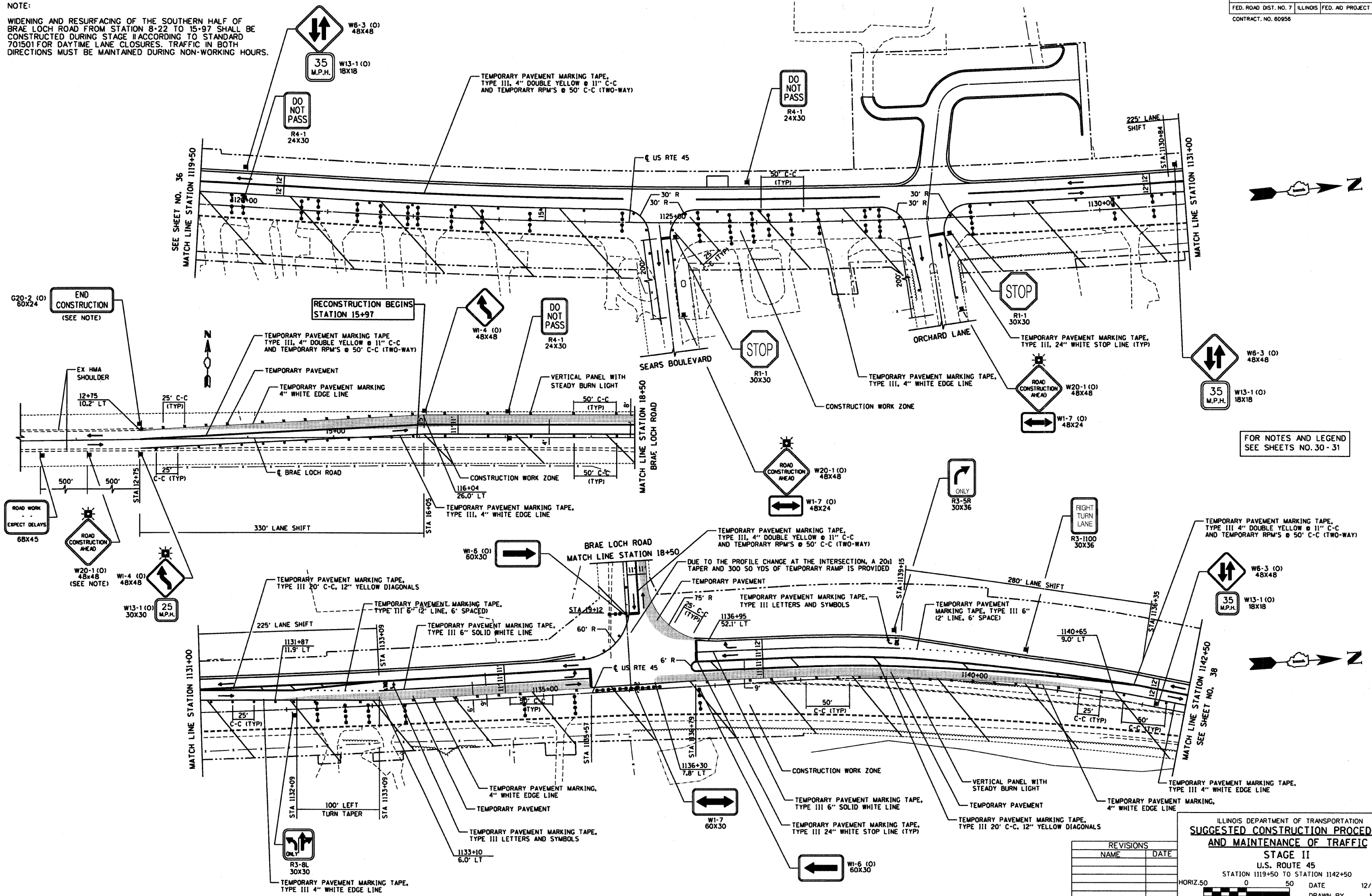
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUGGESTED CONSTRUCTION PROCEDURE  
AND MAINTENANCE OF TRAFFIC**  
**STAGE II**  
U.S. ROUTE 45  
STATION 343+59.42 TO STATION 1119+50

HORIZ. 50 0 50 DATE 12/14/09  
DRAWN BY M.J.L.  
CHECKED BY T.S.B.

SCALE IN FEET

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	37
STA.	1119+50	TO STA.	1142+50	
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 60956				

NOTE:  
 WIDENING AND RESURFACING OF THE SOUTHERN HALF OF BRAE LOCH ROAD FROM STATION 8+22 TO 15+97 SHALL BE CONSTRUCTED DURING STAGE II ACCORDING TO STANDARD 701501 FOR DAYTIME LANE CLOSURES. TRAFFIC IN BOTH DIRECTIONS MUST BE MAINTAINED DURING NON-WORKING HOURS.



FOR NOTES AND LEGEND SEE SHEETS NO. 30 - 31

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUGGESTED CONSTRUCTION PROCEDURE AND MAINTENANCE OF TRAFFIC**  
 STAGE II  
 U.S. ROUTE 45  
 STATION 1119+50 TO STATION 1142+50

REVISIONS	
NAME	DATE

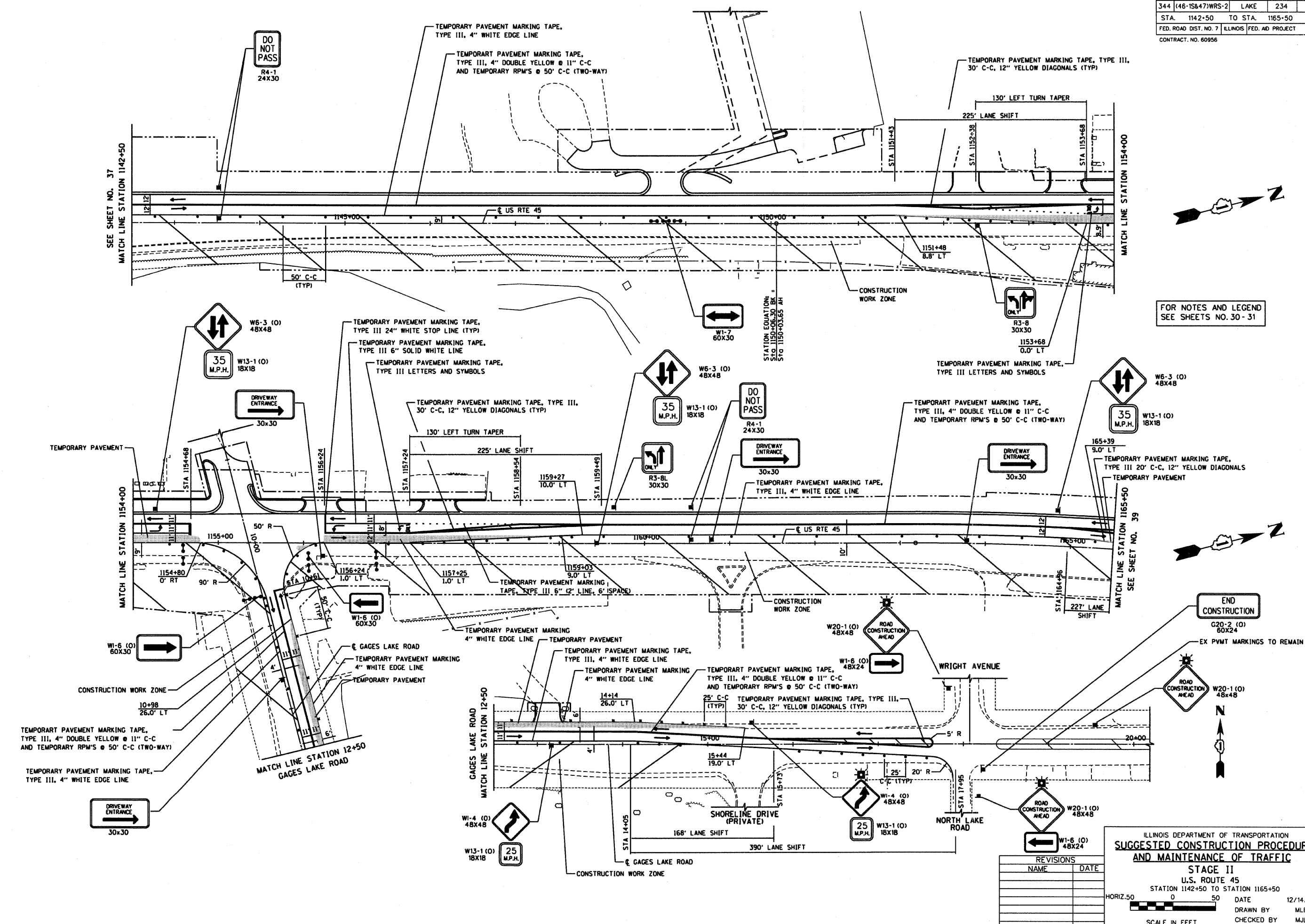
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 SCALE IN FEET DRAWN BY MLB CHECKED BY MJL



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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	38
STA.	1142+50	TO STA.	1165+50	
FED. ROAD DIST. NO. 7	ILLINOIS		FED. AID PROJECT	
CONTRACT NO. 60956				



FOR NOTES AND LEGEND  
SEE SHEETS NO. 30-31

END CONSTRUCTION  
G20-2 (O)  
60X24

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUGGESTED CONSTRUCTION PROCEDURE  
AND MAINTENANCE OF TRAFFIC**

**STAGE II**  
U.S. ROUTE 45  
STATION 1142+50 TO STATION 1165+50

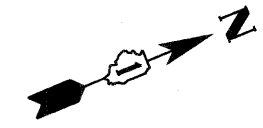
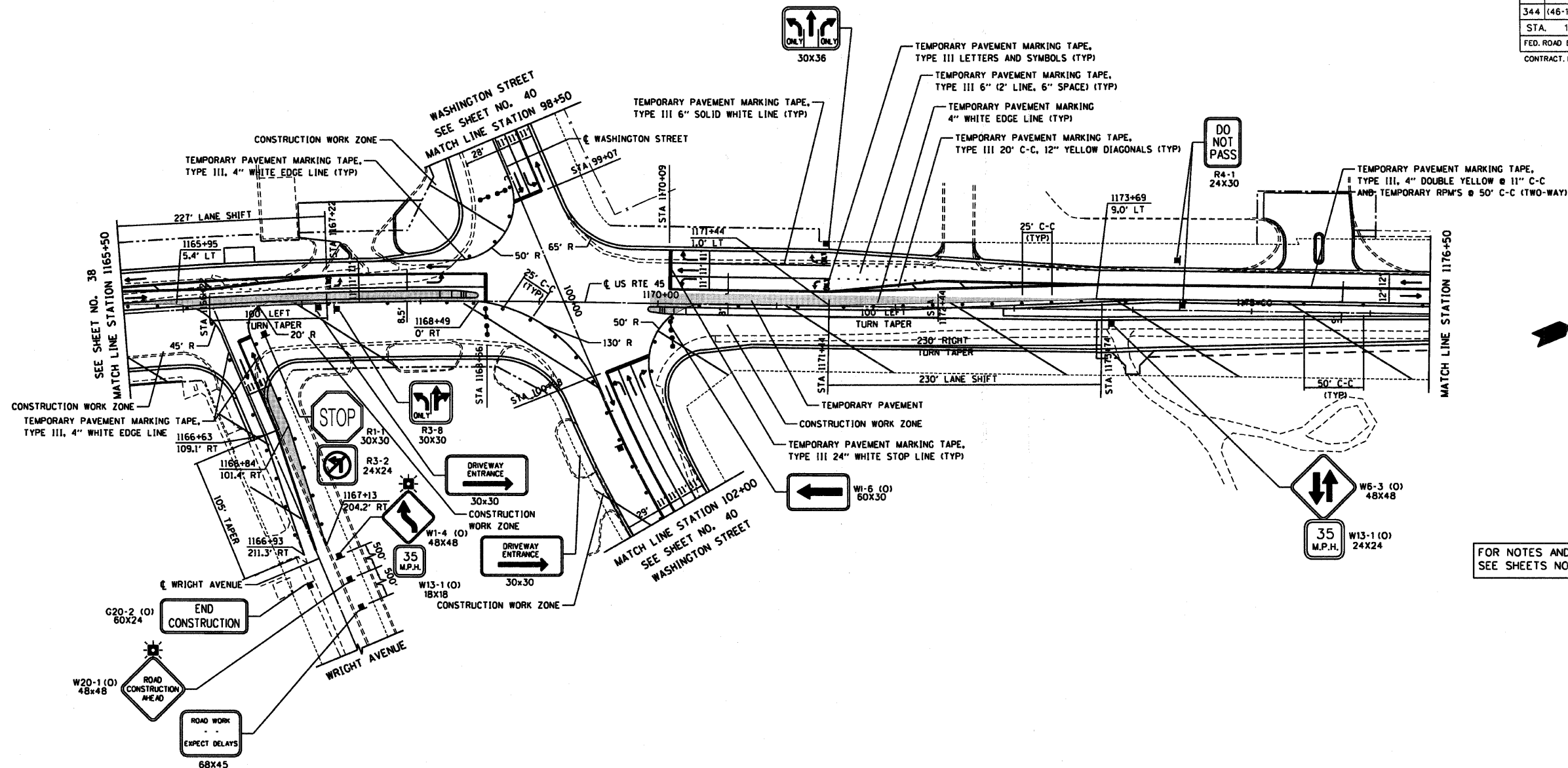
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CHECKED BY MJL

REVISIONS	
NAME	DATE

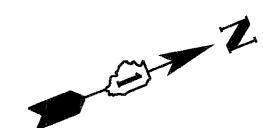
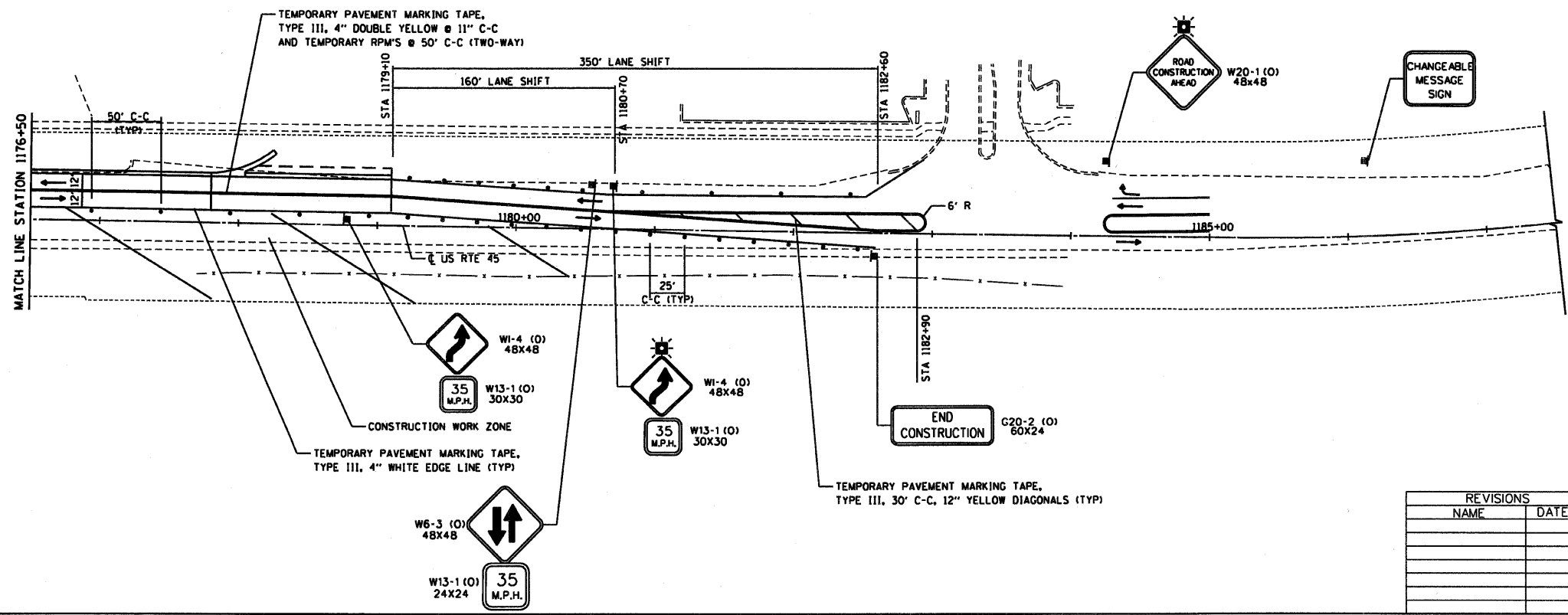


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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	39
STA.	1165+50	TO STA.	1179+09.87	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60956				



FOR NOTES AND LEGEND  
SEE SHEETS NO. 30-31

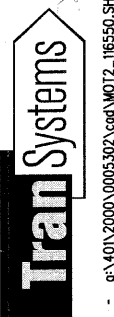


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUGGESTED CONSTRUCTION PROCEDURE  
 AND MAINTENANCE OF TRAFFIC**  
 STAGE II  
 U.S. ROUTE 45  
 STATION 1165+50 TO STATION 1179+09.87

HORIZ. 50 0 50  
 SCALE IN FEET

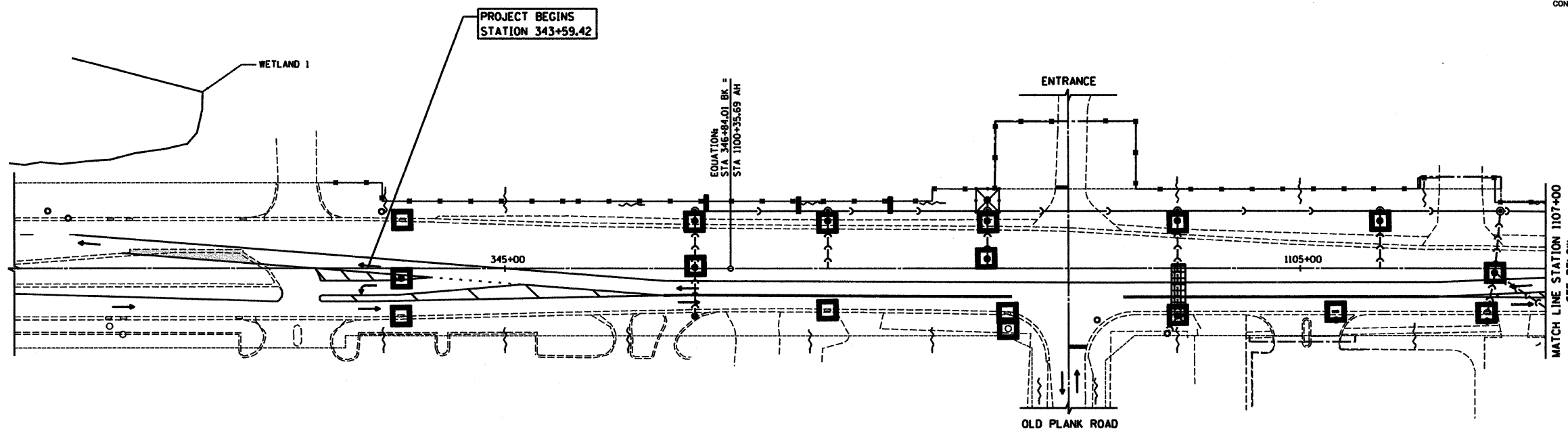
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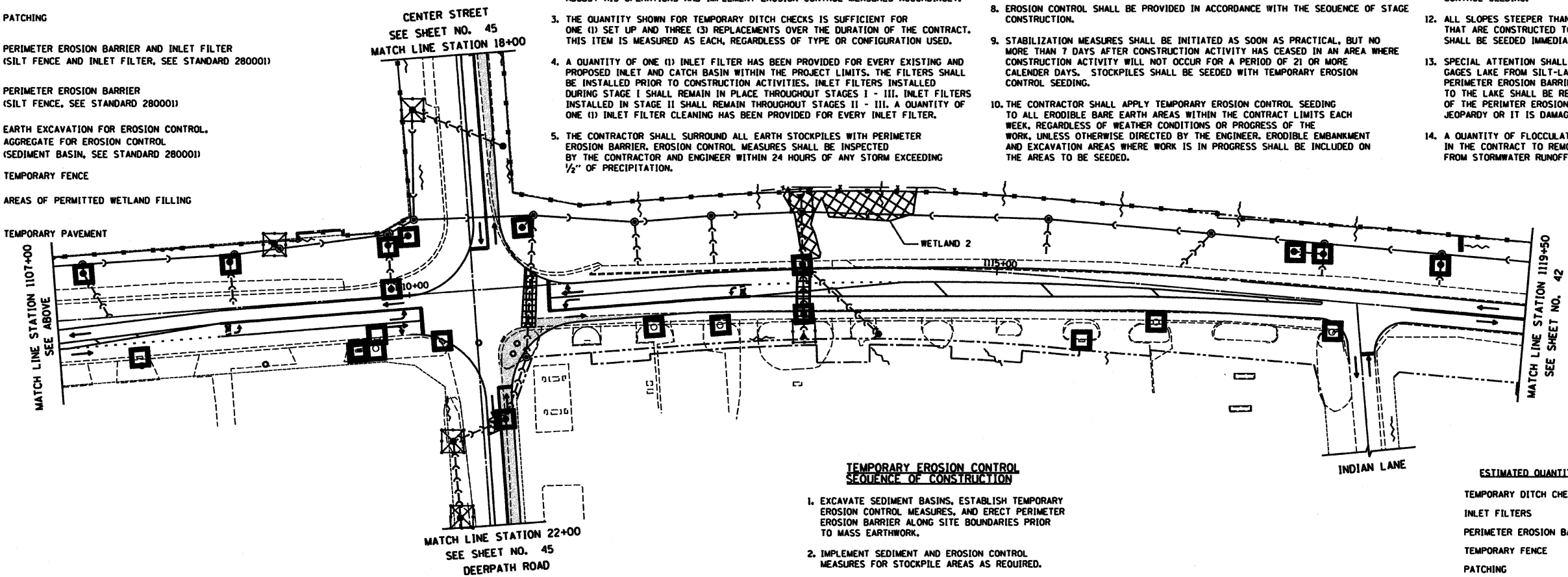
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-IS&47)WRS-2	LAKE	234	41
STA. 343+59.42		TO STA. 1119+50		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AD PROJECT		
CONTRACT NO. 60956				



**LEGEND**

SYMBOL	DESCRIPTION
—	TEMPORARY DITCH CHECK (URETHANE FOAM OR ROLLED EXCELSIOR, SEE STANDARD 280001)
□	INLET FILTERS
▤	PATCHING
⊗	PERIMETER EROSION BARRIER AND INLET FILTER (SILT FENCE AND INLET FILTER, SEE STANDARD 280001)
—	PERIMETER EROSION BARRIER (SILT FENCE, SEE STANDARD 280001)
⊗	EARTH EXCAVATION FOR EROSION CONTROL. AGGREGATE FOR EROSION CONTROL (SEDIMENT BASIN, SEE STANDARD 280001)
—	TEMPORARY FENCE
▤	AREAS OF PERMITTED WETLAND FILLING
—	TEMPORARY PAVEMENT

- TEMPORARY EROSION CONTROL NOTES**
1. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES IMMEDIATELY AFTER STRIPPING OF EXISTING VEGETATION.
  2. NO CONCENTRATED RUNOFF FLOW FROM STRIPPED AREAS WILL LEAVE THE SITE OTHER THAN THROUGH SEDIMENTATION/STILLING BASINS. THE CONTRACTOR WILL ADJUST HIS OPERATIONS AND IMPLEMENT EROSION CONTROL MEASURES ACCORDINGLY.
  3. THE QUANTITY SHOWN FOR TEMPORARY DITCH CHECKS IS SUFFICIENT FOR ONE (1) SET UP AND THREE (3) REPLACEMENTS OVER THE DURATION OF THE CONTRACT. THIS ITEM IS MEASURED AS EACH, REGARDLESS OF TYPE OR CONFIGURATION USED.
  4. A QUANTITY OF ONE (1) INLET FILTER HAS BEEN PROVIDED FOR EVERY EXISTING AND PROPOSED INLET AND CATCH BASIN WITHIN THE PROJECT LIMITS. THE FILTERS SHALL BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITIES. INLET FILTERS INSTALLED DURING STAGE I SHALL REMAIN IN PLACE THROUGHOUT STAGES I - III. INLET FILTERS INSTALLED IN STAGE II SHALL REMAIN THROUGHOUT STAGES II - III. A QUANTITY OF ONE (1) INLET FILTER CLEANING HAS BEEN PROVIDED FOR EVERY INLET FILTER.
  5. THE CONTRACTOR SHALL SURROUND ALL EARTH STOCKPILES WITH PERIMETER EROSION BARRIER. EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AND ENGINEER WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2" OF PRECIPITATION.
  6. ALL CONSTRUCTION ACTIVITIES SHALL ALSO BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT.
  7. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 06-60.
  8. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION.
  9. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL, BUT NO MORE THAN 7 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED IN AN AREA WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS. STOCKPILES SHALL BE SEEDDED WITH TEMPORARY EROSION CONTROL SEEDING.
  10. THE CONTRACTOR SHALL APPLY TEMPORARY EROSION CONTROL SEEDING TO ALL ERODIBLE BARE EARTH AREAS WITHIN THE CONTRACT LIMITS EACH WEEK, REGARDLESS OF WEATHER CONDITIONS OR PROGRESS OF THE WORK. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, ERODIBLE EMBANKMENT AND EXCAVATION AREAS WHERE WORK IS IN PROGRESS SHALL BE INCLUDED ON THE AREAS TO BE SEEDDED.
  11. ALL DISTURBED AREAS SHALL BE SEEDDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. AREAS THAT HAVE BEEN STRIPPED AND WILL NOT RECEIVE PERMANENT LANDSCAPING BEFORE THE END OF THE FALL SEEDING RESTRICTION SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING.
  12. ALL SLOPES STEEPER THAN 1:3 ON CUT OR EMBANKMENT AREAS THAT ARE CONSTRUCTED TO A HEIGHT OF FIVE (5) FEET OR MORE SHALL BE SEEDDED IMMEDIATELY.
  13. SPECIAL ATTENTION SHALL BE DIRECTED TOWARDS PROTECTING GAGES LAKE FROM SILT-LADEN RUNOFF. ANY SECTIONS OF PERIMETER EROSION BARRIER OR TEMPORARY FENCE ADJACENT TO THE LAKE SHALL BE REPAIRED IMMEDIATELY IF THE INTEGRITY OF THE PERIMETER EROSION BARRIER OR TEMPORARY FENCE IS IN JEOPARDY OR IT IS DAMAGED.
  14. A QUANTITY OF FLOCCULATION LOGS HAS BEEN INCLUDED IN THE CONTRACT TO REMOVE SUSPENDED CLAY PARTICLES FROM STORMWATER RUNOFF.



- TEMPORARY EROSION CONTROL SEQUENCE OF CONSTRUCTION**
1. EXCAVATE SEDIMENT BASINS, ESTABLISH TEMPORARY EROSION CONTROL MEASURES, AND ERECT PERIMETER EROSION BARRIER ALONG SITE BOUNDARIES PRIOR TO MASS EARTHWORK.
  2. IMPLEMENT SEDIMENT AND EROSION CONTROL MEASURES FOR STOCKPILE AREAS AS REQUIRED.
  3. EXCAVATE SEDIMENT BASINS AND CONSTRUCT DIVERSIONS AS NECESSARY DEPENDING ON CONSTRUCTION STAGING OF PROPOSED DRAINAGE FACILITIES. INSTALL AND MAINTAIN INLET FILTERS AT EACH PROPOSED OPEN LID DRAINAGE STRUCTURE.
  4. INSTALL DITCH CHECKS IMMEDIATELY AFTER DITCH GRADING IS COMPLETE.
  5. INSTALL PERMANENT SEEDING AND SODDING BEFORE BEGINNING NEXT STAGE OF CONSTRUCTION.

**ESTIMATED QUANTITIES FOR THIS SHEET**

TEMPORARY DITCH CHECKS	4
INLET FILTERS	44
PERIMETER EROSION BARRIER	2,671'
TEMPORARY FENCE	171'
PATCHING	476 SY

**REVISIONS**

NAME	DATE

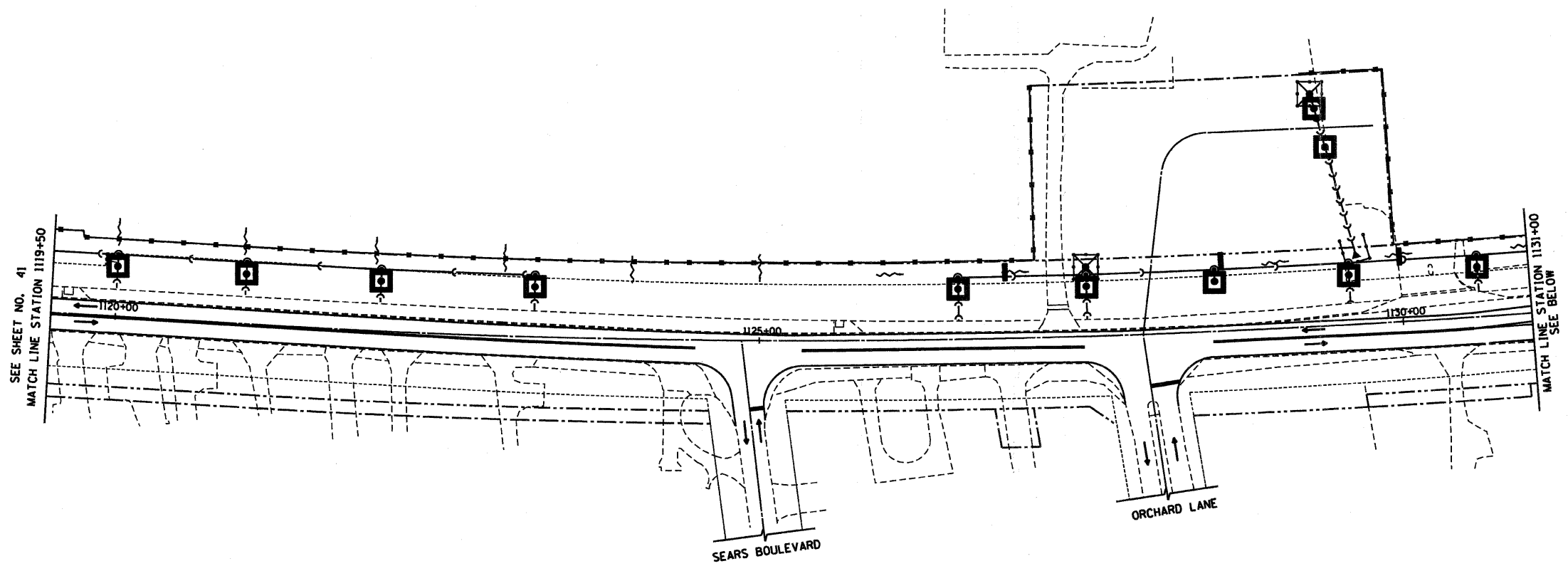
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE I**  
 U.S. ROUTE 45  
 STATION 343+59.42 TO STATION 1119+50

HORIZ. 50 0 50  
 SCALE IN FEET

DATE 4/2/10  
 DRAWN BY SAH  
 CHECKED BY M.J.L.



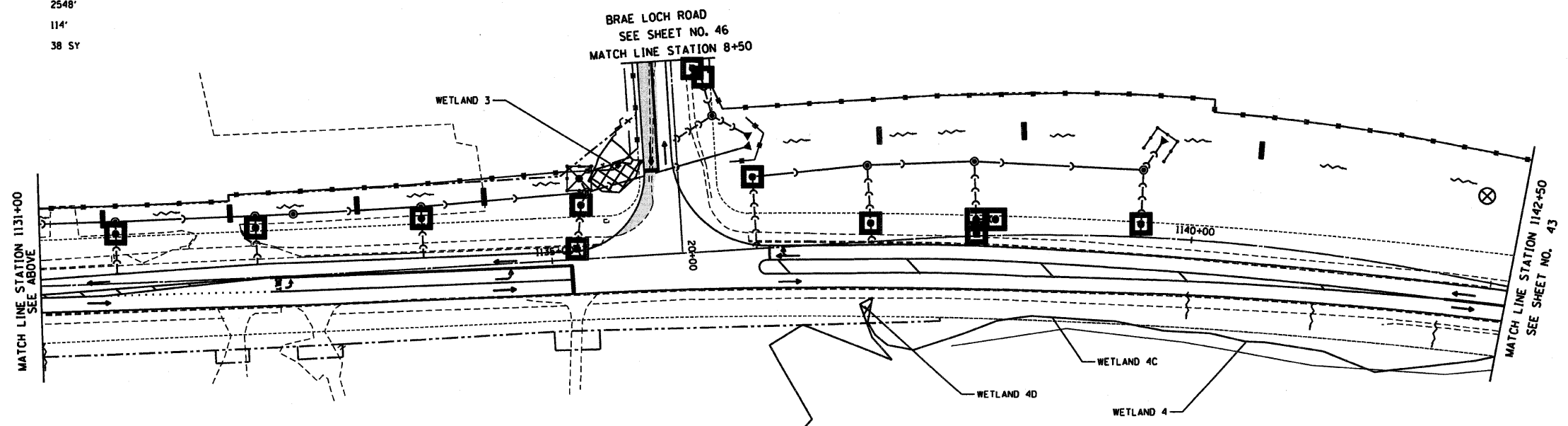
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	42
STA. 1119+50	TO STA. 1142+50			
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				



FOR LEGEND AND NOTES  
SEE SHEET NO. 41

ESTIMATED QUANTITIES FOR THIS SHEET

TEMPORARY DITCH CHECKS	10
INLET FILTERS	27
PERIMETER EROSION BARRIER	2548'
TEMPORARY FENCE	114'
PATCHING	38 SY



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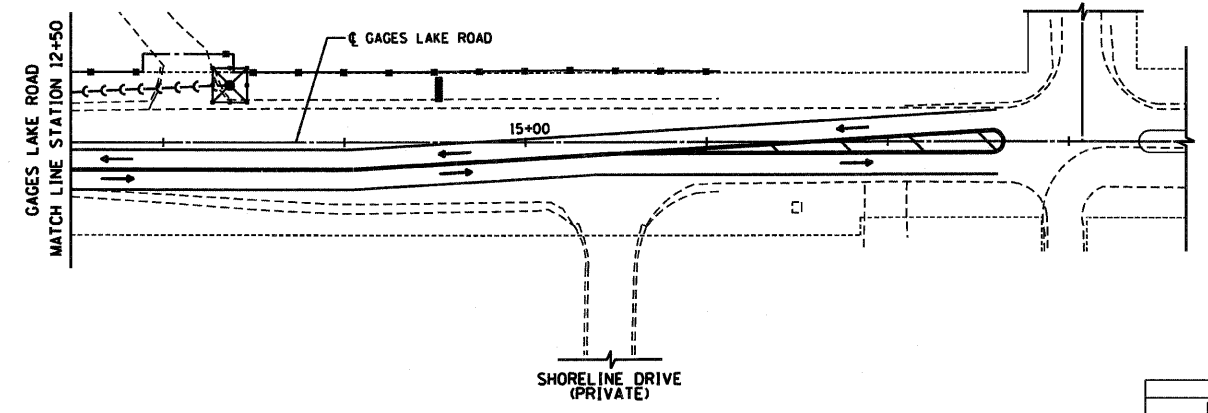
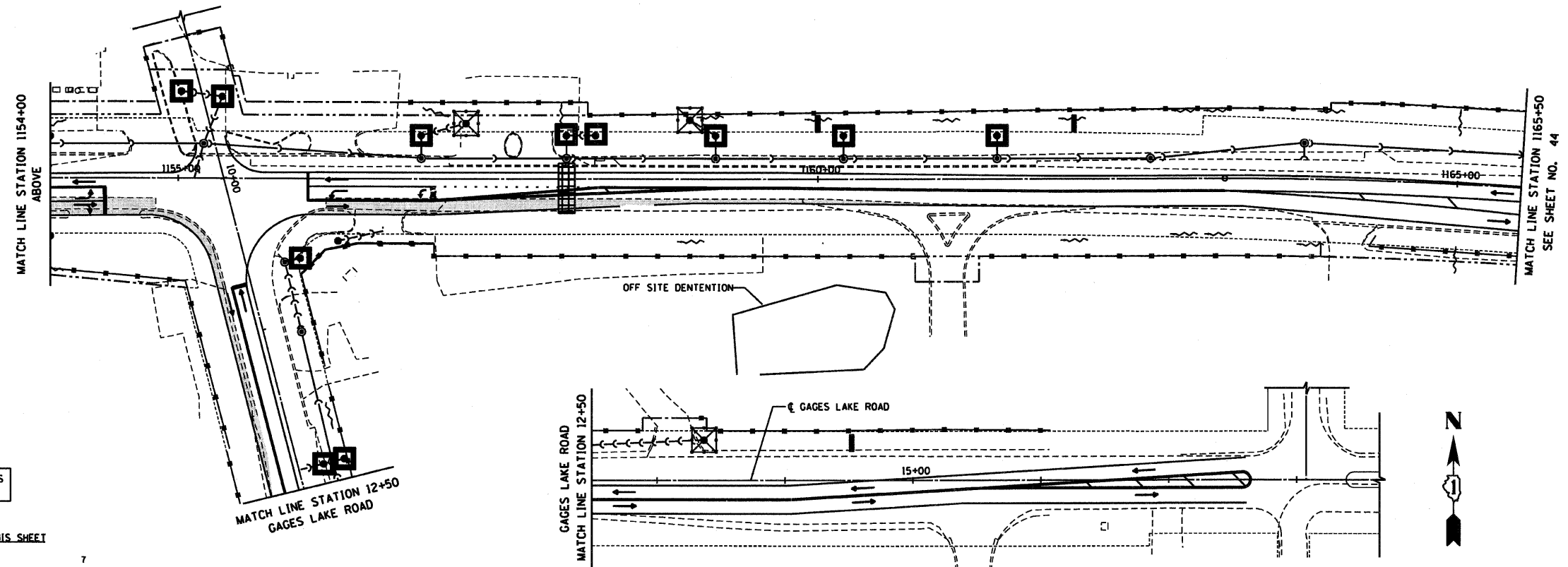
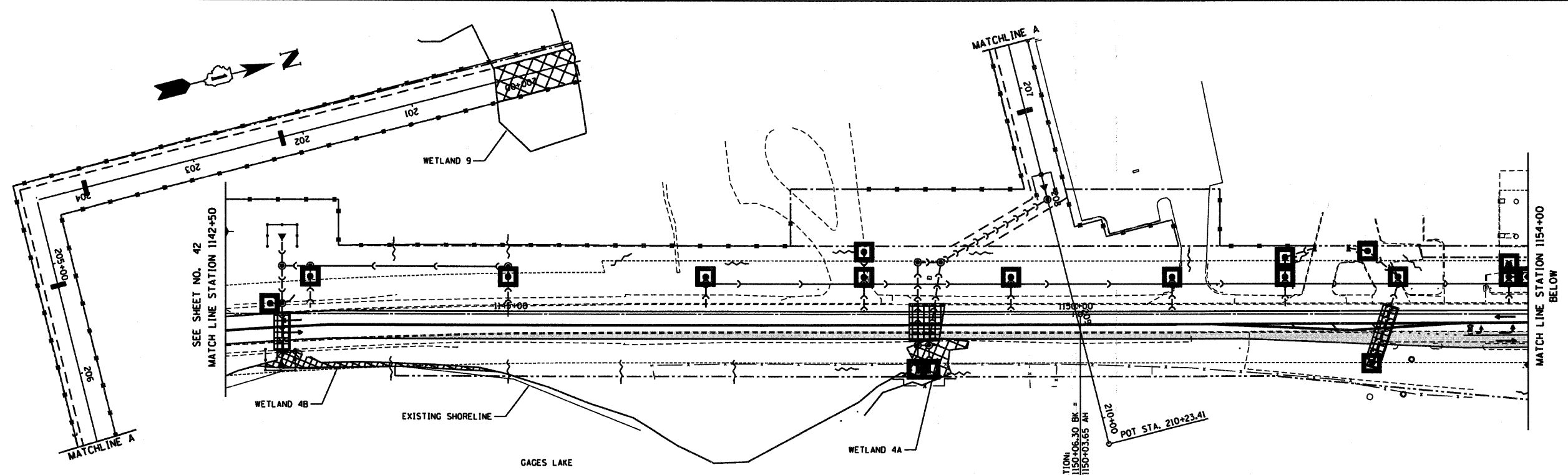
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE I**  
U.S. ROUTE 45  
STATION 1119+50 TO STATION 1142+50

HORIZ. 50 0 50  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY SAH  
CHECKED BY MJL

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	43
STA.	1142+50	TO STA.	1165+50	
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60956				



FOR LEGEND AND NOTES  
SEE SHEET NO. 41

ESTIMATED QUANTITIES FOR THIS SHEET

TEMPORARY DITCH CHECKS	7
INLET FILTERS	32
PERIMETER EROSION BARRIER	5744'
TEMPORARY FENCE	69'
PATCHING	561 SY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE I**  
U.S. ROUTE 45  
STATION 1142+50 TO STATION 1165+50

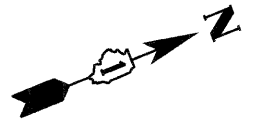
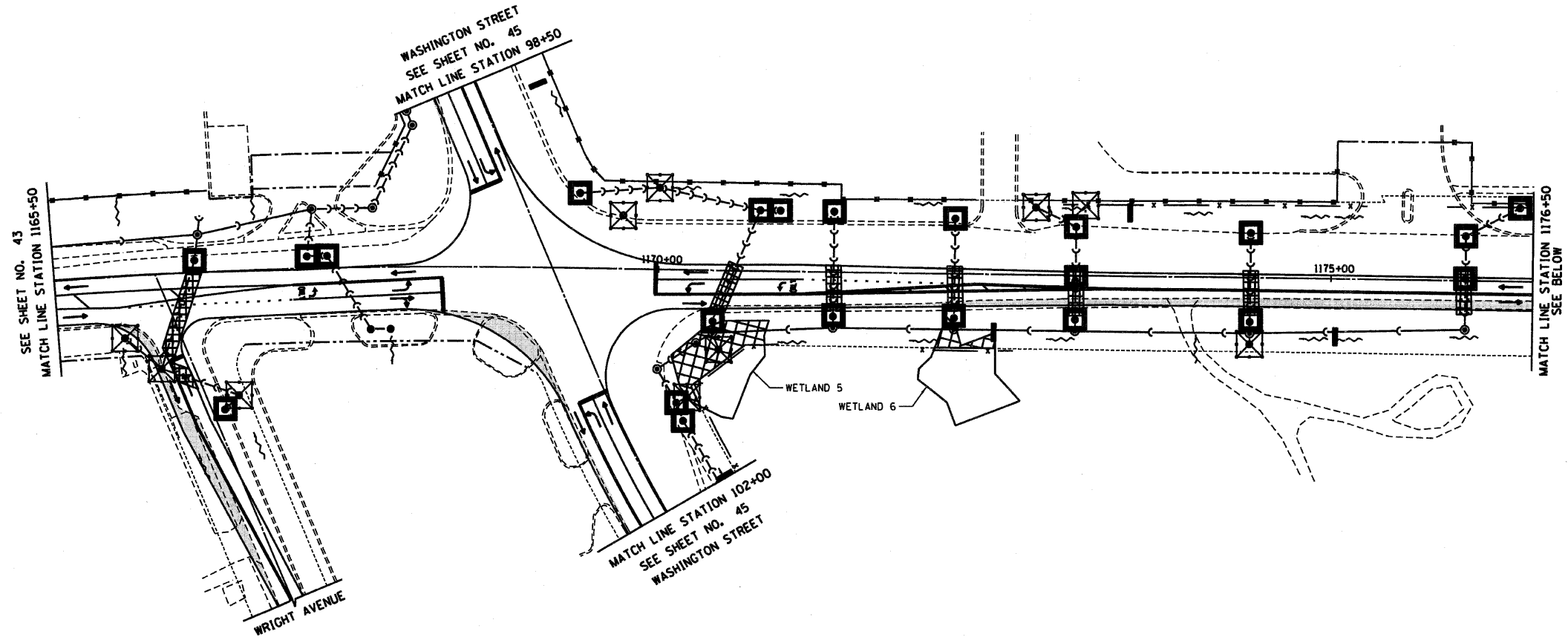
HORIZ. 50 0 50  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY SAH  
CHECKED BY MJL



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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	44
STA.	1165+50	TO STA.	1179+09.87	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60956				

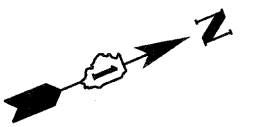
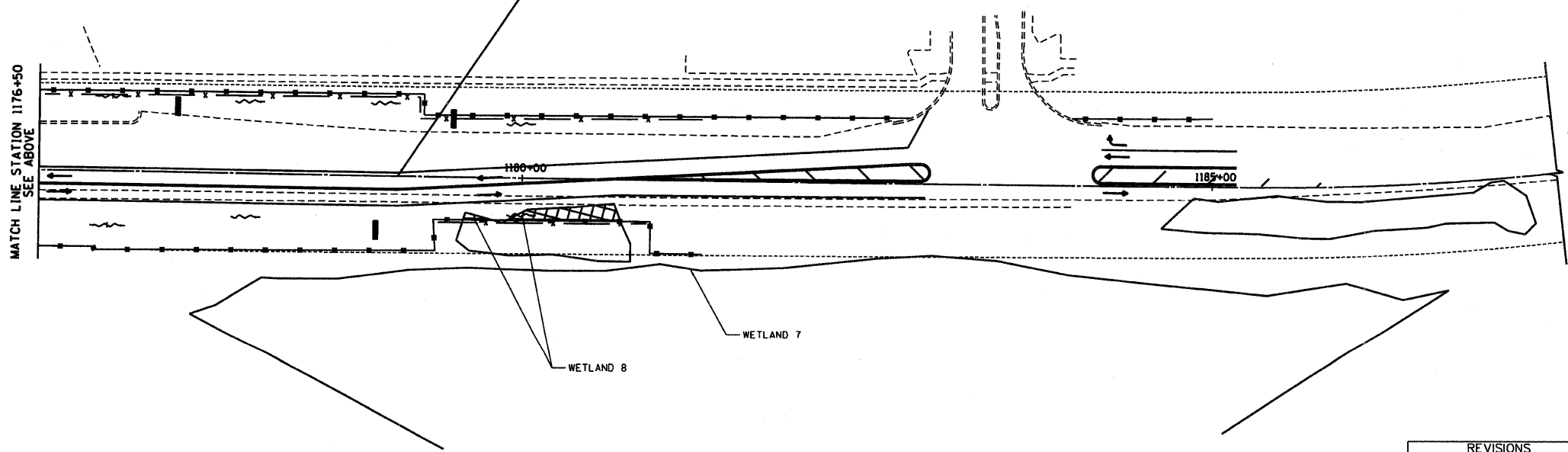


FOR LEGEND AND NOTES  
SEE SHEET NO. 41

**ESTIMATED QUANTITIES FOR THIS SHEET**

TEMPORARY DITCH CHECKS	8
INLET FILTERS	31
PERIMETER EROSION BARRIER	2679'
TEMPORARY FENCE	1150'
PATCHING	398 SY

PROJECT ENDS  
STA 1179+09.87



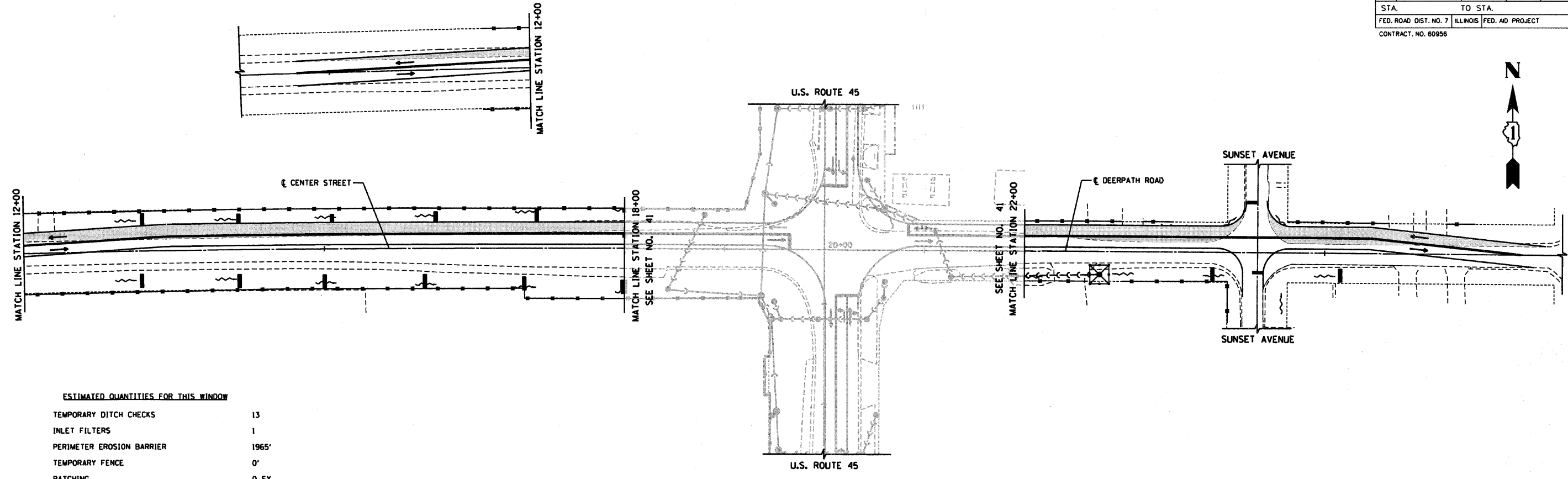
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE I**  
U.S. ROUTE 45  
STATION 1165+50 TO STATION 1179+09.87

HORIZ. 50 0 50  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY SAH  
CHECKED BY MJL

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	45
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS		FED. AID PROJECT	
CONTRACT NO. 60956				



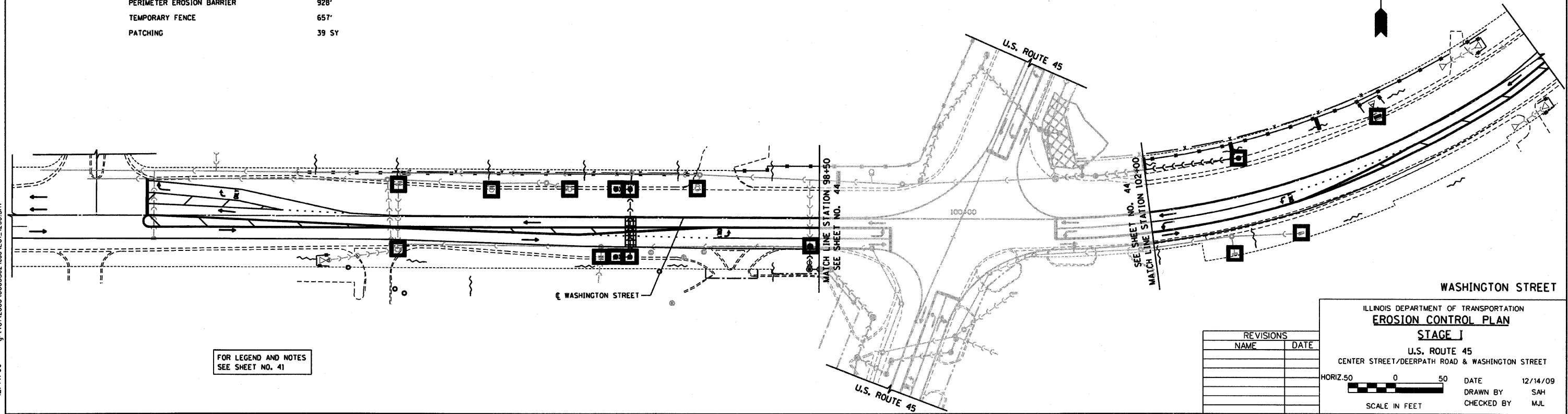
**ESTIMATED QUANTITIES FOR THIS WINDOW**

TEMPORARY DITCH CHECKS	13
INLET FILTERS	1
PERIMETER EROSION BARRIER	1965'
TEMPORARY FENCE	0'
PATCHING	0 SY

CENTER STREET/DEERPATH ROAD

**ESTIMATED QUANTITIES FOR THIS WINDOW**

TEMPORARY DITCH CHECKS	3
INLET FILTERS	15
PERIMETER EROSION BARRIER	928'
TEMPORARY FENCE	657'
PATCHING	39 SY



WASHINGTON STREET

FOR LEGEND AND NOTES  
SEE SHEET NO. 41

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE I**  
U.S. ROUTE 45  
CENTER STREET/DEERPATH ROAD & WASHINGTON STREET

HORIZ. 50 0 50  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY SAH  
CHECKED BY MJL



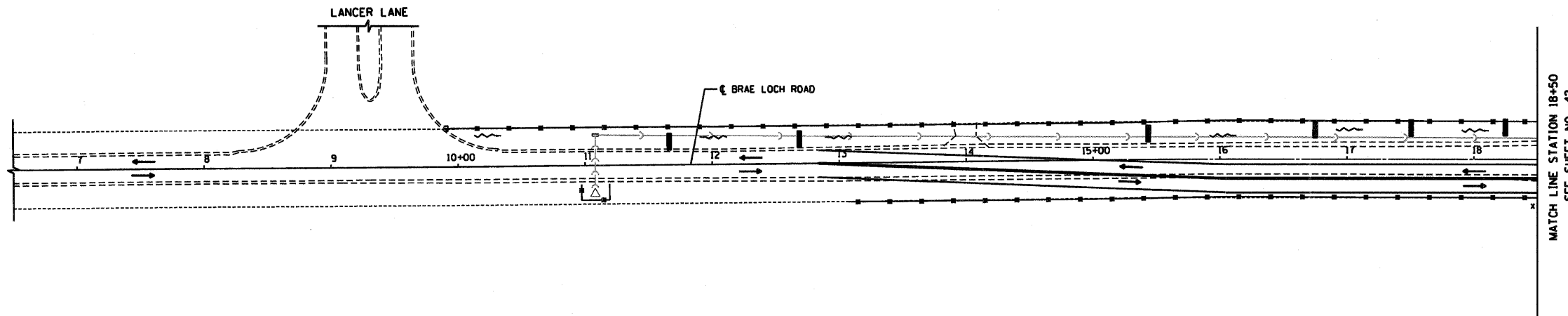
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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	46
STA.	6+50	TO STA.	18+50	
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60956				

FOR LEGEND AND NOTES  
SEE SHEET NO. 41

**ESTIMATED QUANTITIES FOR THIS SHEET**

TEMPORARY DITCH CHECKS	6
INLET FILTERS	0
PERIMETER EROSION BARRIER	1420'
TEMPORARY FENCE	11'
PATCHING	0 SY



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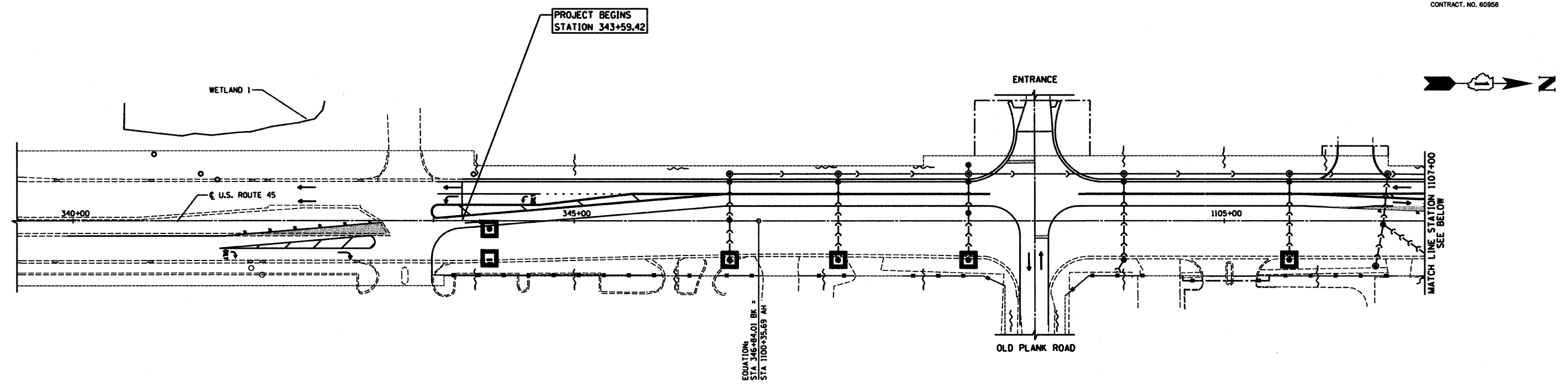
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE I**  
 BRAE LOCH ROAD  
 STATION 6+50 TO STATION 18+50

HORIZ. 50 0 50  
  
 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY SAH  
 CHECKED BY MJL

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	47
STA. 343+59.42		TO STA. 1119+50		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 80956				

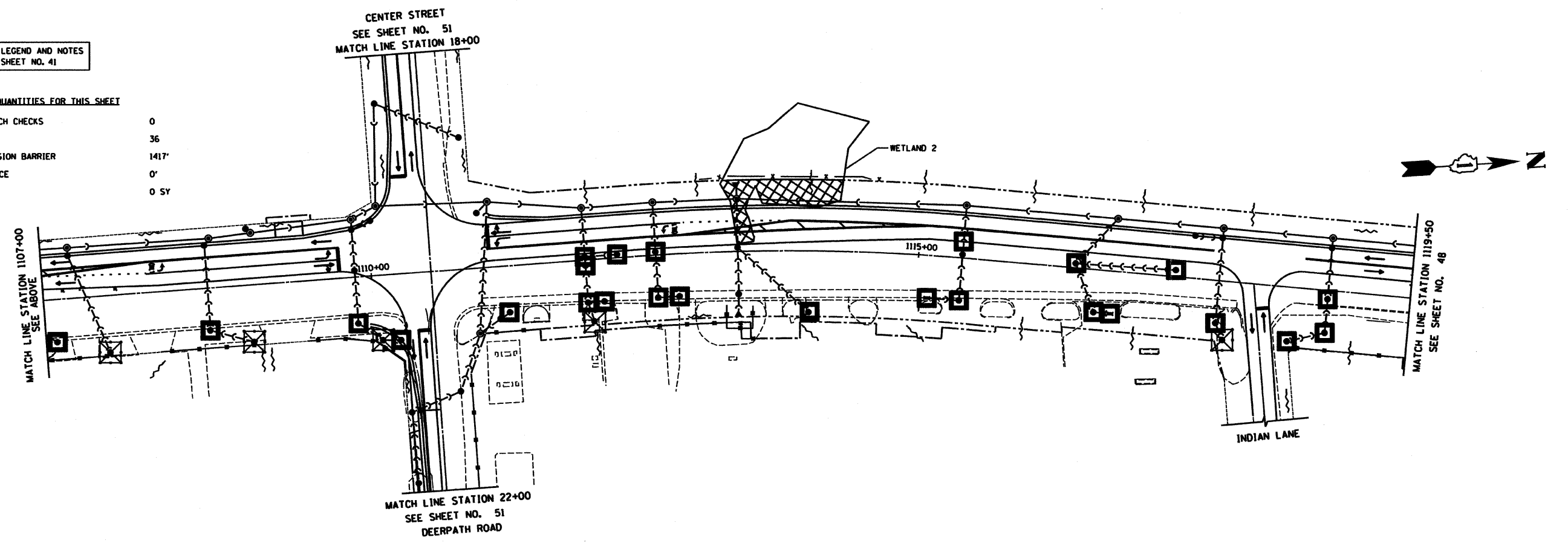


EQUATION:  
STA 346+84.01 BK =  
STA 1100+35.69 AH

FOR LEGEND AND NOTES  
SEE SHEET NO. 41

ESTIMATED QUANTITIES FOR THIS SHEET

TEMPORARY DITCH CHECKS	0
INLET FILTERS	36
PERIMETER EROSION BARRIER	1417'
TEMPORARY FENCE	0'
PATCHING	0 SY



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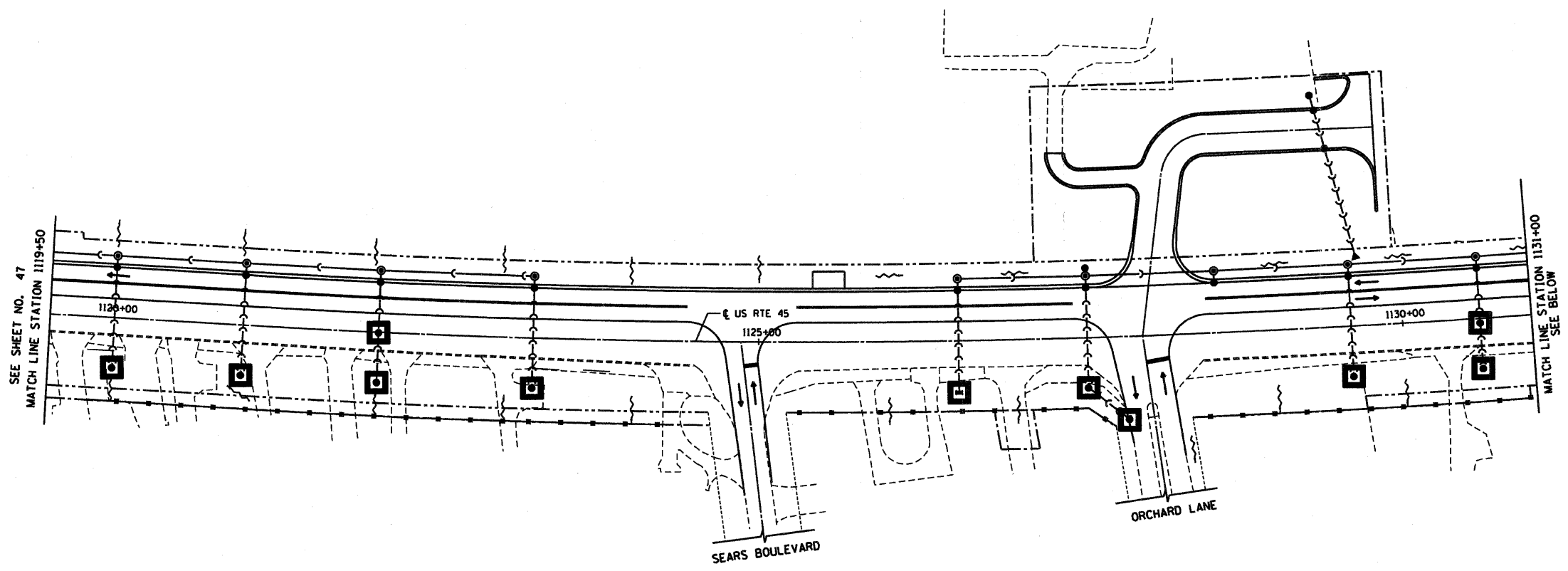
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE II**  
 U.S. ROUTE 45  
 STATION 343+59.42 TO STATION 1119+50

HORIZ. 50 0 50  
 SCALE IN FEET

DATE 4/2/10  
 DRAWN BY SAH  
 CHECKED BY MJL

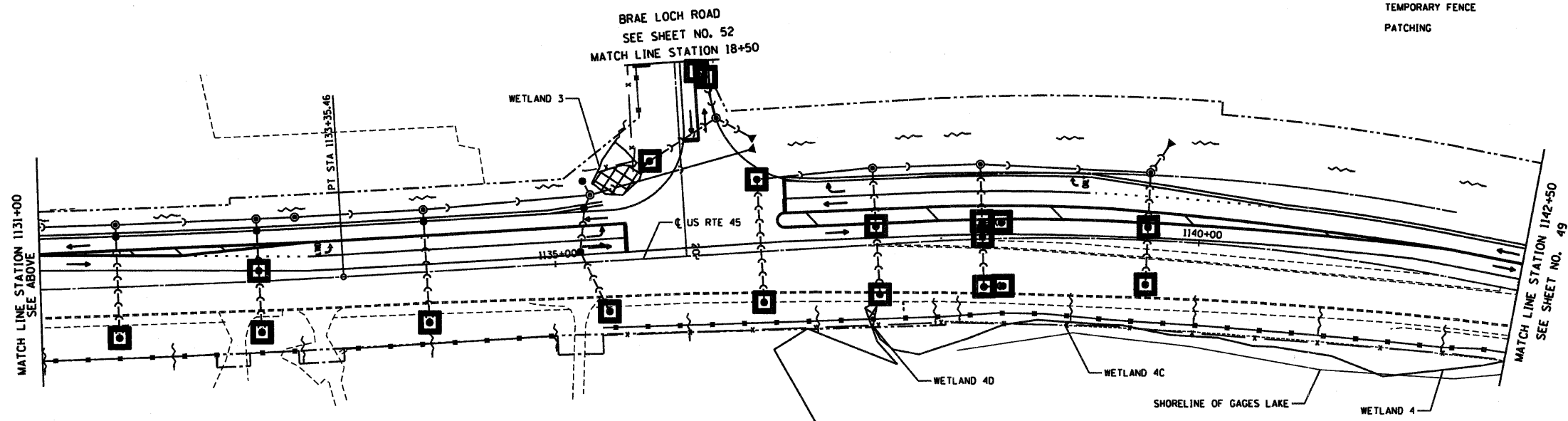
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	48
STA. 1119+50		TO STA. 1142+50		
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AD PROJECT
CONTRACT NO. 60956				



FOR LEGEND AND NOTES  
SEE SHEET NO. 41

ESTIMATED QUANTITIES FOR THIS SHEET

TEMPORARY DITCH CHECKS	0
INLET FILTERS	30
PERIMETER EROSION BARRIER	1979'
TEMPORARY FENCE	702'
PATCHING	0 SY



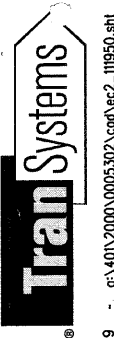
NOTE: FENCE & PERIMETER EROSION BARRIER SHALL BE PLACED PRIOR TO STUMP REMOVAL FROM STATION 1135+00 TO 1145+00 RT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE II**  
U.S. ROUTE 45  
STATION 1119+50 TO STATION 1142+50

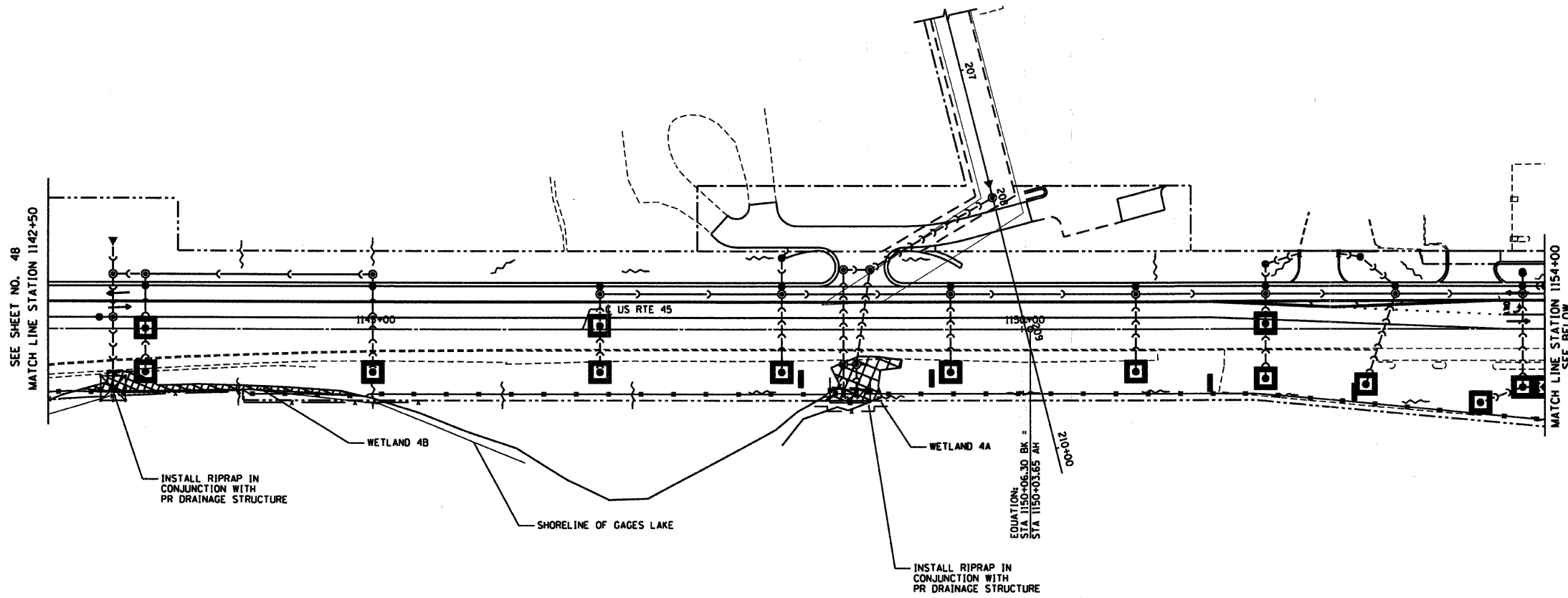
HORIZ. 50 0 50 DATE 12/14/09  
DRAWN BY SAH  
CHECKED BY MJL

SCALE IN FEET



12/14/09 - g:\401\2000\00005302\cod\ec2\_11950.shl

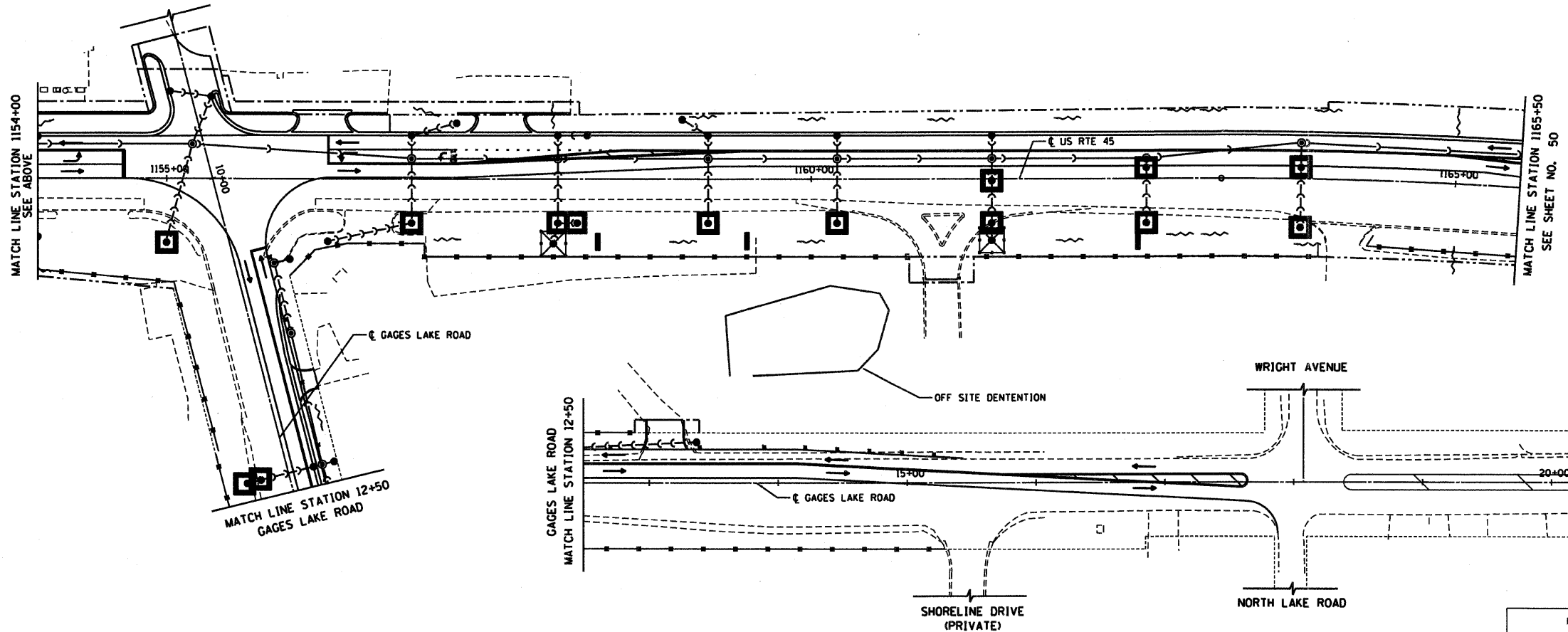
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	49
STA.	1142+50	TO STA.	1165+50	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60956				



FOR LEGEND AND NOTES  
SEE SHEET NO. 41

ESTIMATED QUANTITIES FOR THIS SHEET

TEMPORARY DITCH CHECKS	7
INLET FILTERS	31
PERIMETER EROSION BARRIER	2734'
TEMPORARY FENCE	358'
PATCHING	0 SY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE II**  
 U.S. ROUTE 45  
 STATION 1142+50 TO STATION 1165+50

HORIZ. 50 0 50  
 SCALE IN FEET

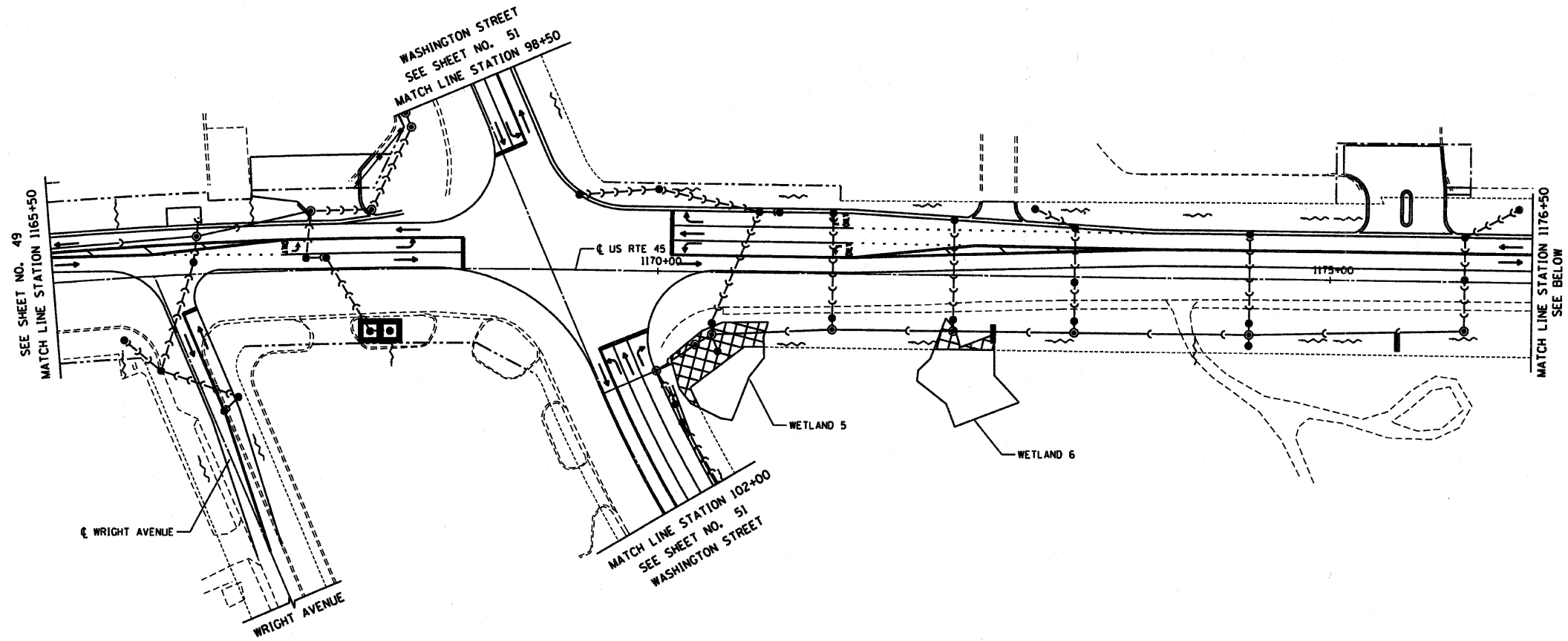
DATE 12/14/09  
 DRAWN BY SAH  
 CHECKED BY M.JL



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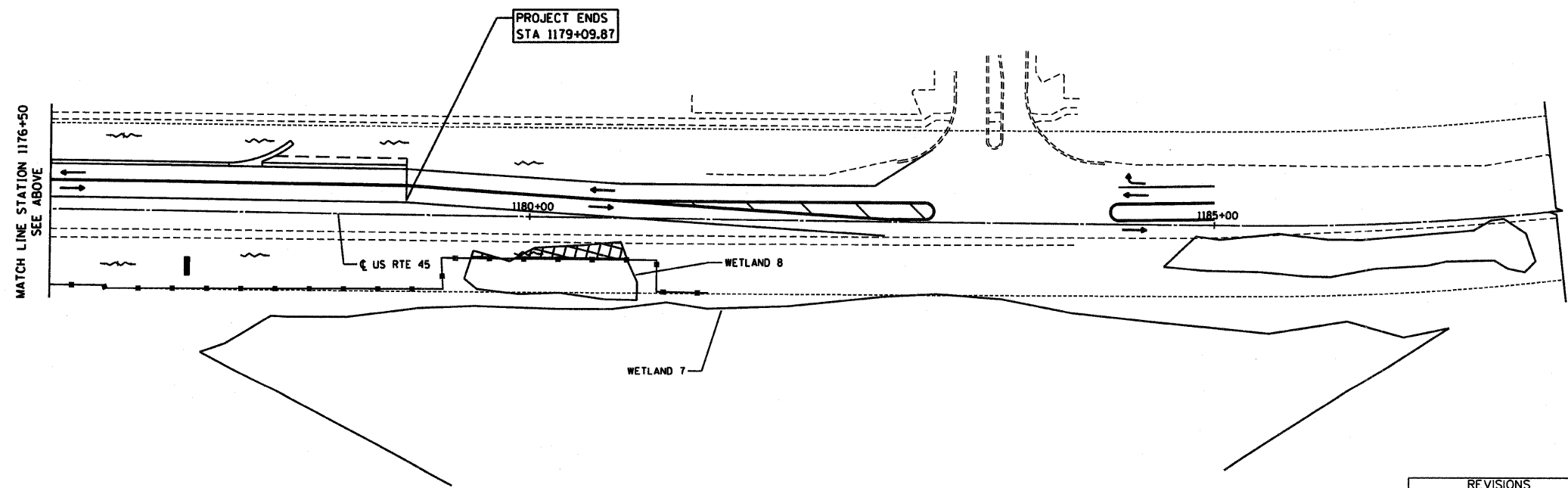
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	50
STA. 1165+50 TO STA. 1179+09.87				
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60956				



FOR LEGEND AND NOTES  
SEE SHEET NO. 41

**ESTIMATED QUANTITIES FOR THIS SHEET**

TEMPORARY DITCH CHECKS	3
INLET FILTERS	2
PERIMETER EROSION BARRIER	529'
TEMPORARY FENCE	0'
PATCHING	0 SY



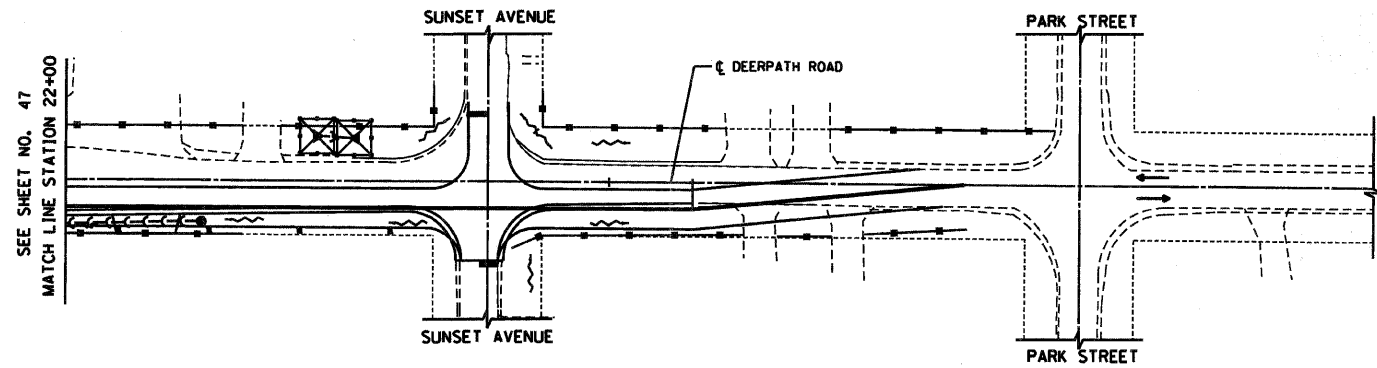
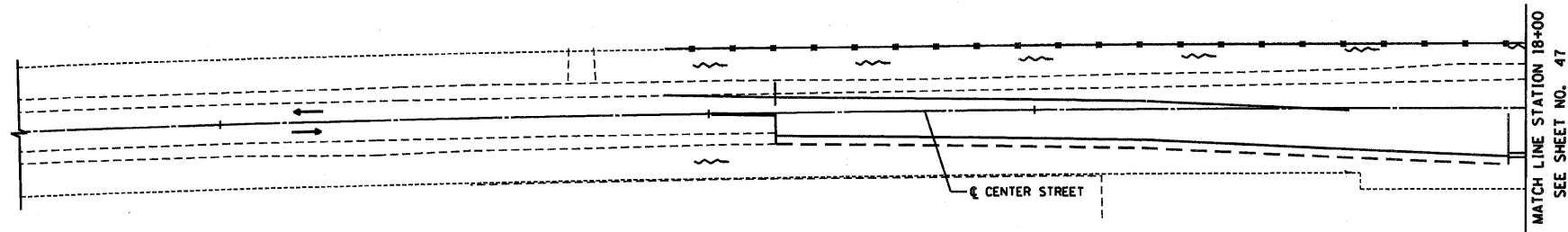
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE II**  
U.S. ROUTE 45  
STATION 1165+50 TO STATION 1179+09.87

HORIZ. 50 0 50  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY SAH  
CHECKED BY MJL

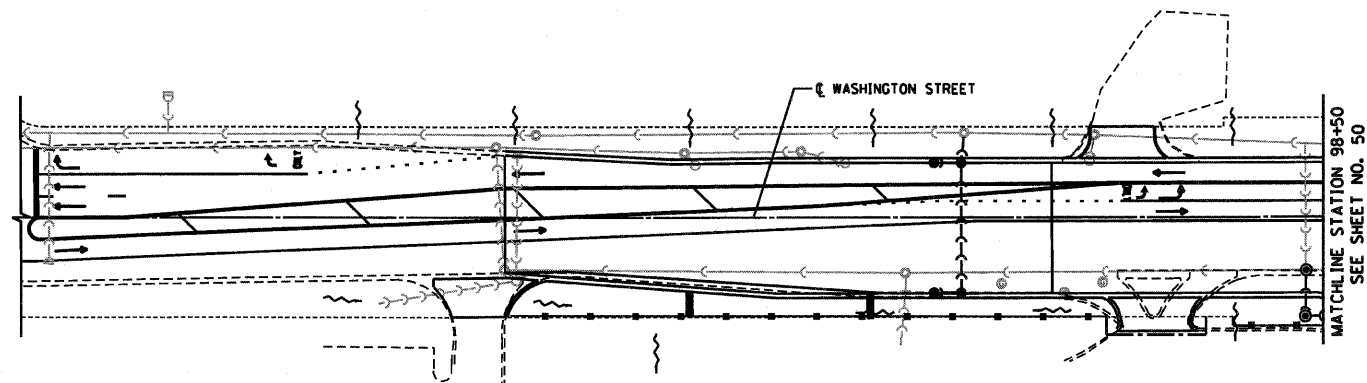
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	51
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60956				



**ESTIMATED QUANTITIES FOR THIS WINDOW**

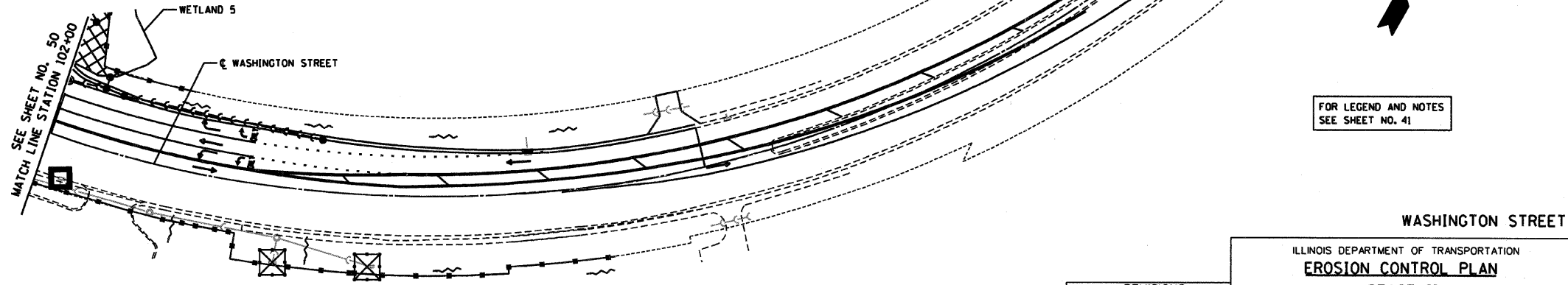
TEMPORARY DITCH CHECKS	0
INLET FILTERS	2
PERIMETER EROSION BARRIER	1298'
TEMPORARY FENCE	0'
PATCHING	0 SY

CENTER STREET/DEERPETH ROAD



**ESTIMATED QUANTITIES FOR THIS WINDOW**

TEMPORARY DITCH CHECKS	2
INLET FILTERS	3
PERIMETER EROSION BARRIER	1092'
TEMPORARY FENCE	0'
PATCHING	0 SY



FOR LEGEND AND NOTES  
SEE SHEET NO. 41

WASHINGTON STREET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE II**  
U.S. ROUTE 45  
CENTER STREET/DEERPETH ROAD & WASHINGTON STREET

HORIZ. 50 0 50  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY SAH  
CHECKED BY MJL

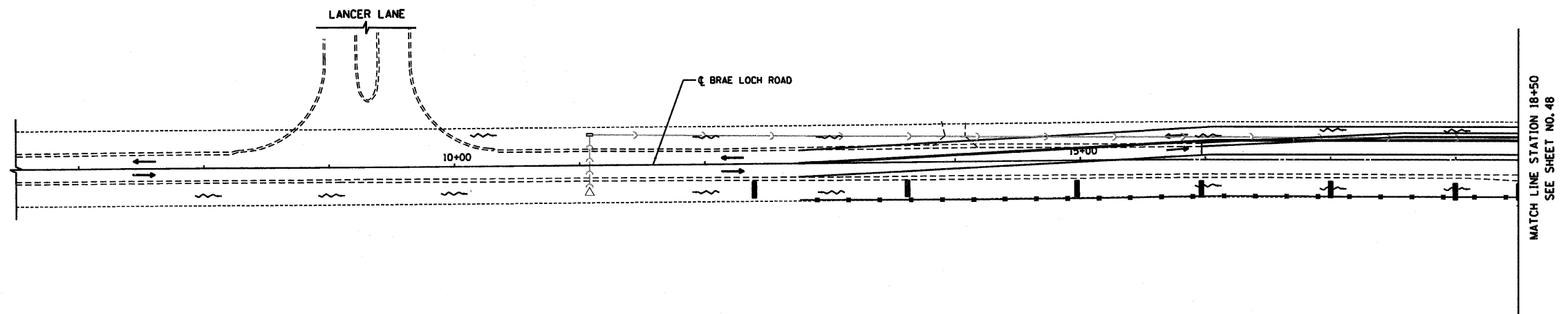


RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	52
STA.	6+50	TO STA.	18+50	
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60956				

FOR LEGEND AND NOTES  
SEE SHEET NO. 41

ESTIMATED QUANTITIES FOR THIS SHEET

TEMPORARY DITCH CHECKS	6
INLET FILTERS	0
PERIMETER EROSION BARRIER	574'
TEMPORARY FENCE	0'
PATCHING	0 SY



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REVISIONS	
NAME	DATE

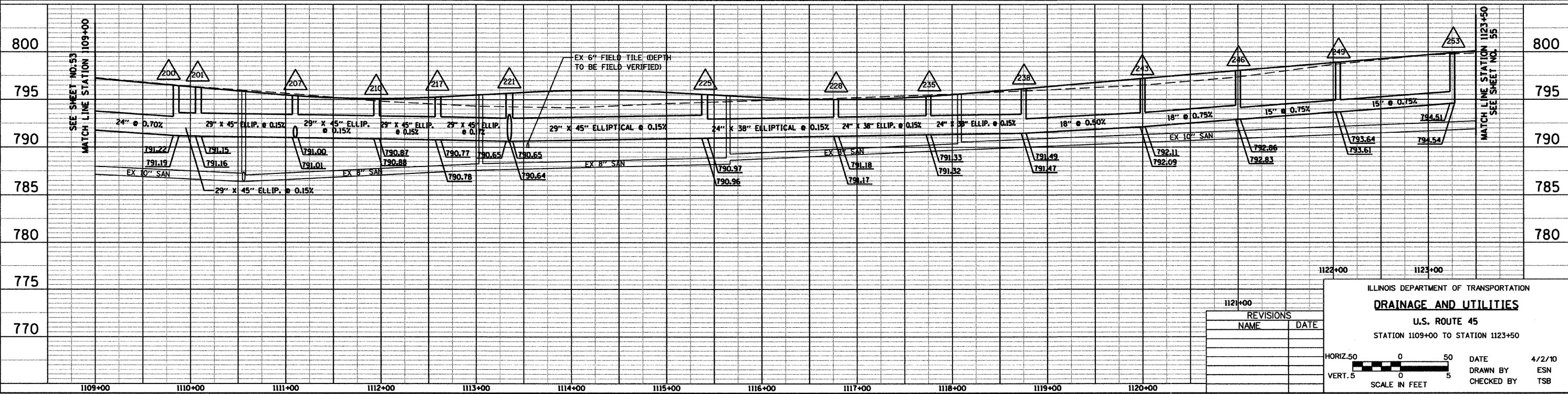
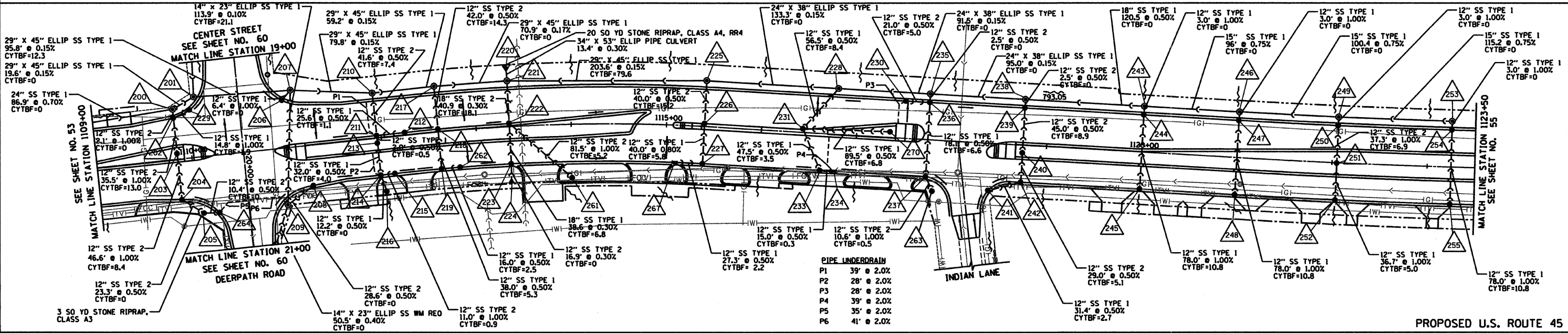
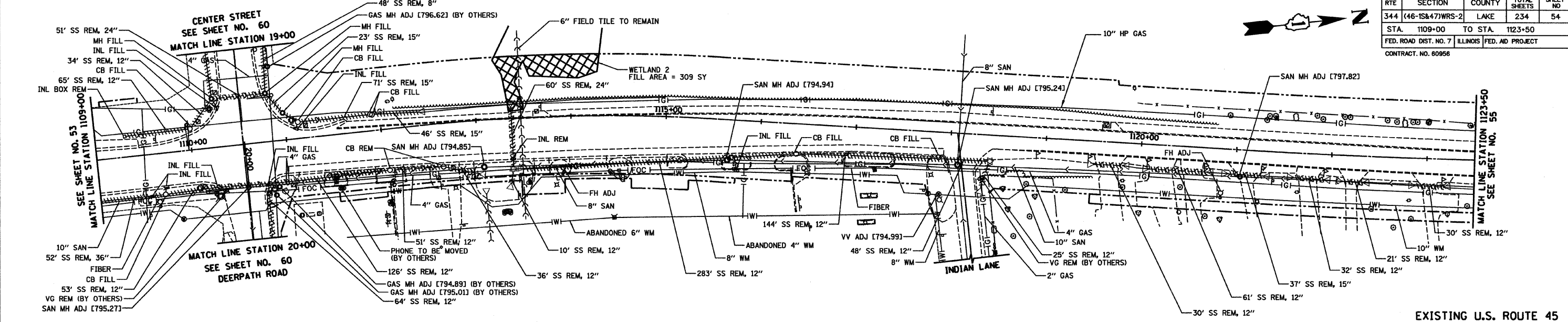
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
**STAGE II**  
 BRAE LOCH ROAD  
 STATION 6+50 TO STATION 18+50

HORIZ. 50 0 50  
  
 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY SAH  
 CHECKED BY MJL



RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	54
STA. 1109+00 TO STA. 1123+50		ILLINOIS FED. AD. PROJECT		
CONTRACT NO. 80956				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE AND UTILITIES**  
 U.S. ROUTE 45  
 STATION 1109+00 TO STATION 1123+50

HORIZ. 50 0 50  
 VERT. 5 0 5  
 SCALE IN FEET

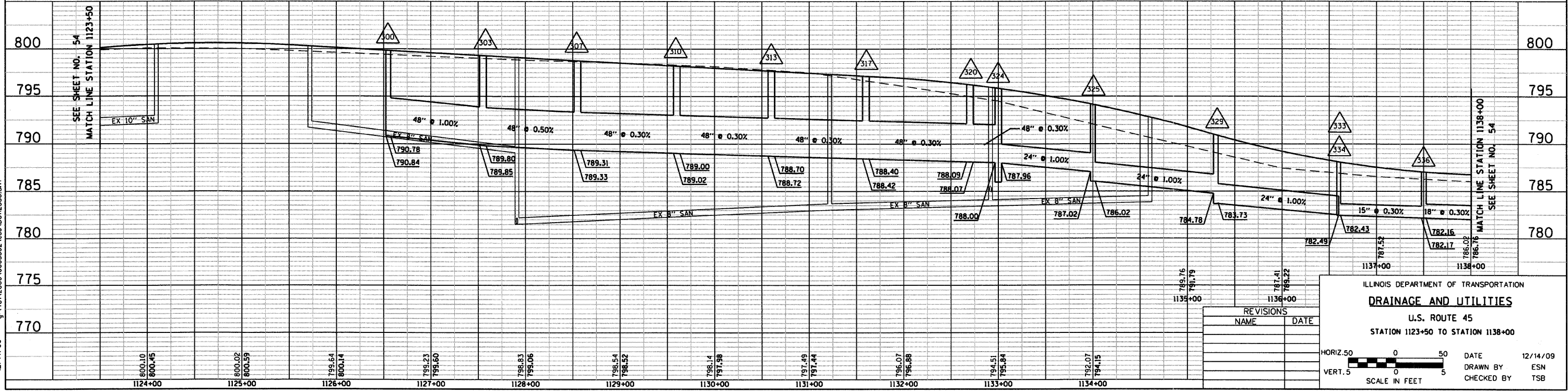
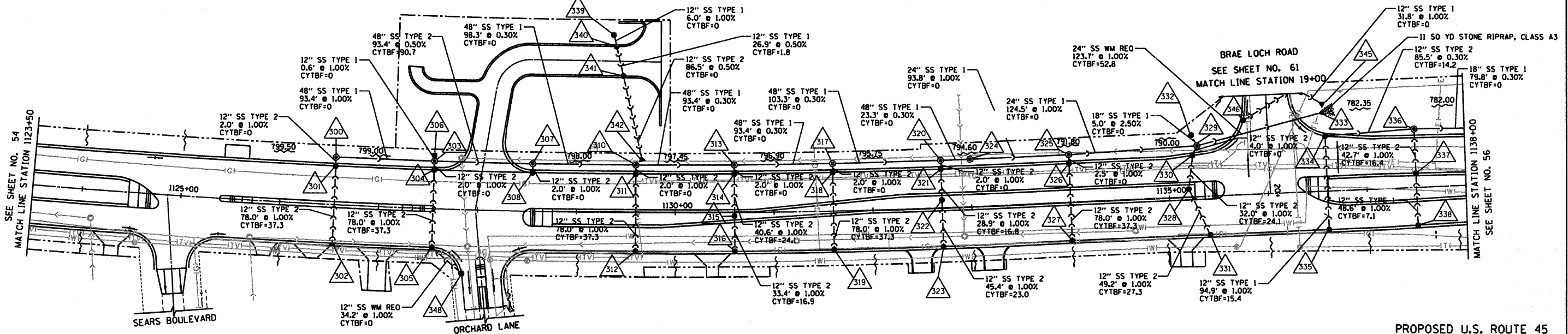
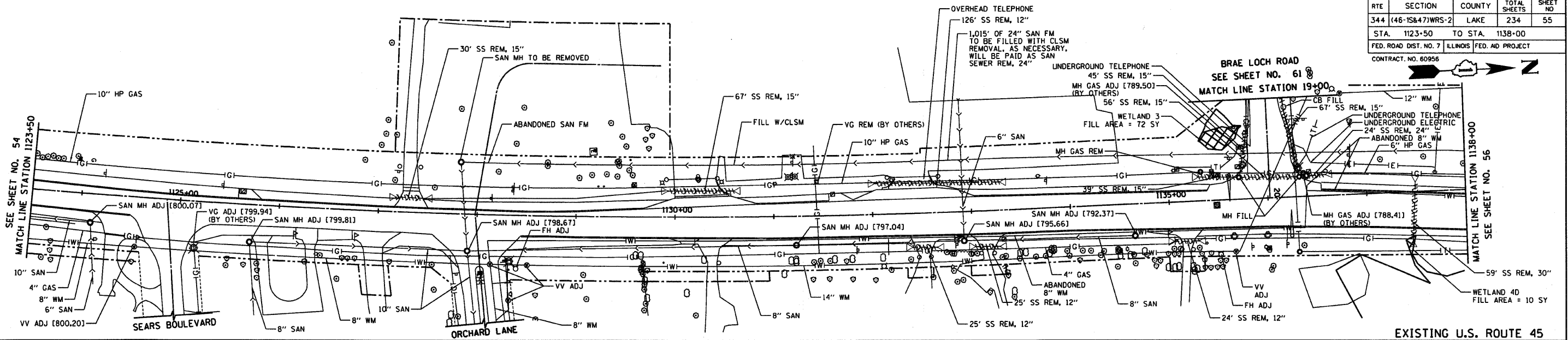
DATE 4/2/10  
 DRAWN BY ESN  
 CHECKED BY TSB



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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15847)WRS-2	LAKE	234	55
STA. 1123+50 TO STA. 1138+00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60956				



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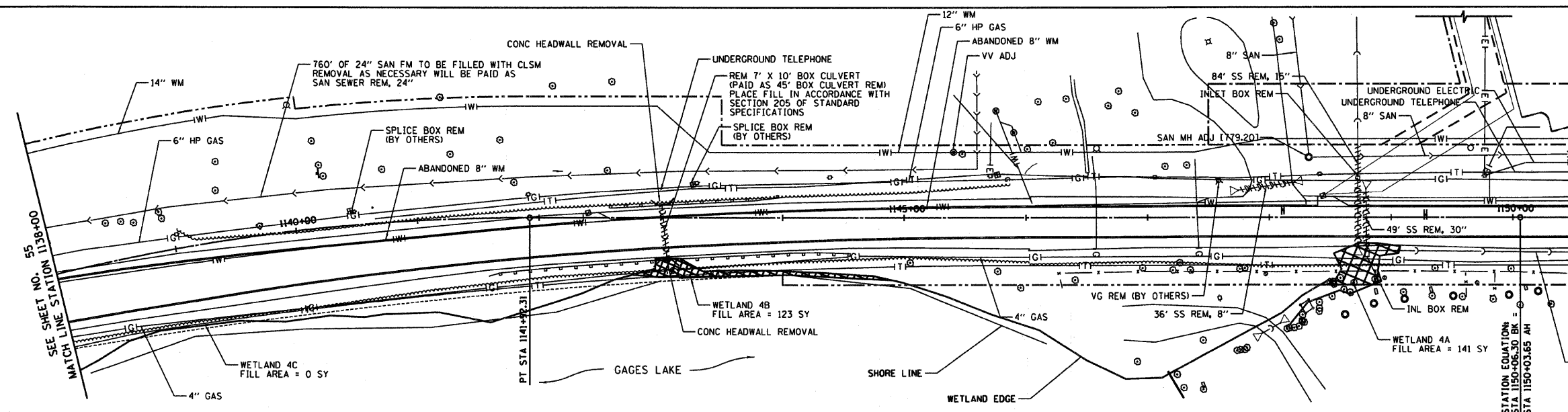
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE AND UTILITIES**  
 U.S. ROUTE 45  
 STATION 1123+50 TO STATION 1138+00

DATE 12/14/09  
 DRAWN BY ESN  
 CHECKED BY TSB

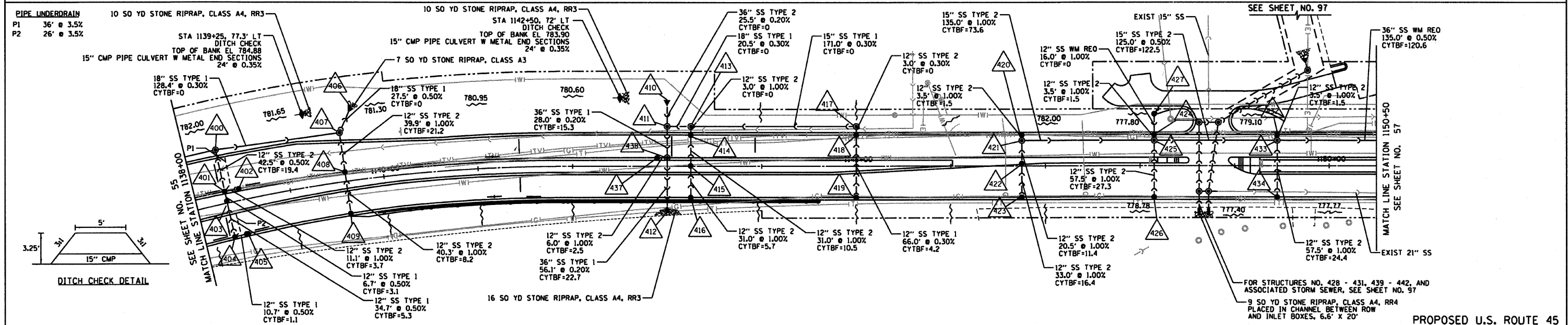
HORIZ. 50 0 50  
 VERT. 5 0 5  
 SCALE IN FEET

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	56
STA.	1138+00	TO STA.	1150+50	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AD PROJECT		
CONTRACT NO. 60956				

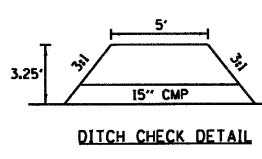


MATCH LINE STATION 1150+50  
SEE SHEET NO. 57

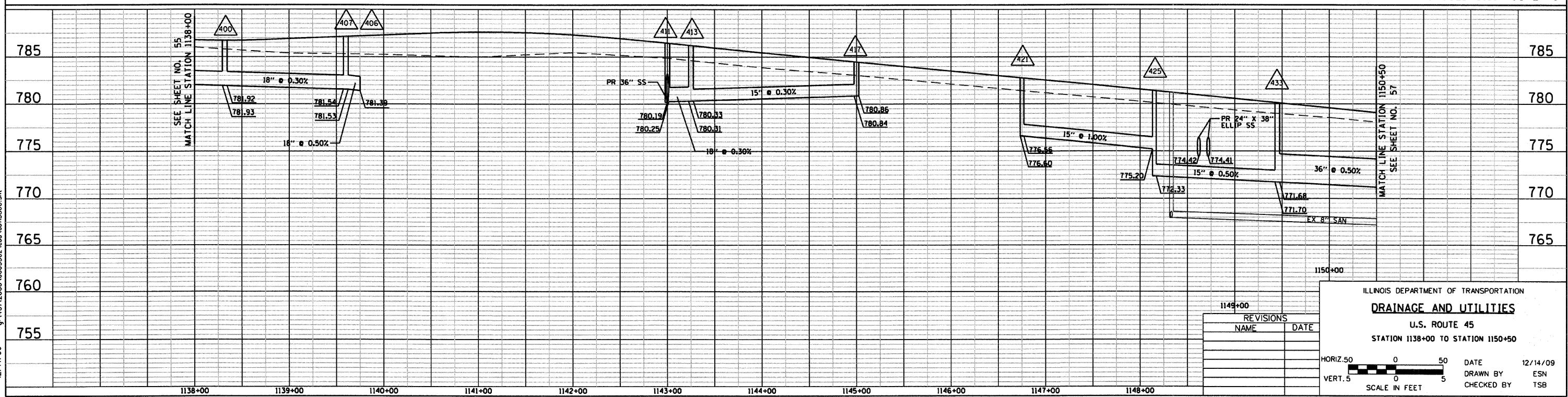
EXISTING U.S. ROUTE 45



PIPE UNDERDRAIN  
P1 36\"/>



PROPOSED U.S. ROUTE 45



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE AND UTILITIES**  
U.S. ROUTE 45  
STATION 1138+00 TO STATION 1150+50

HORIZ. 50 0 50  
VERT. 5 0 5  
SCALE IN FEET

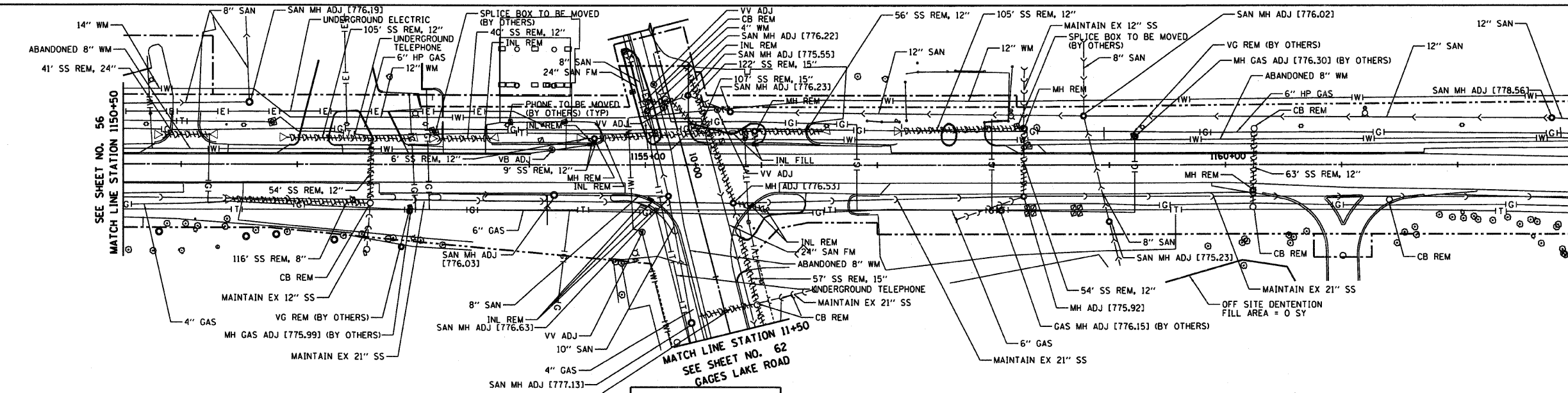
DATE 12/14/09  
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CHECKED BY TSB



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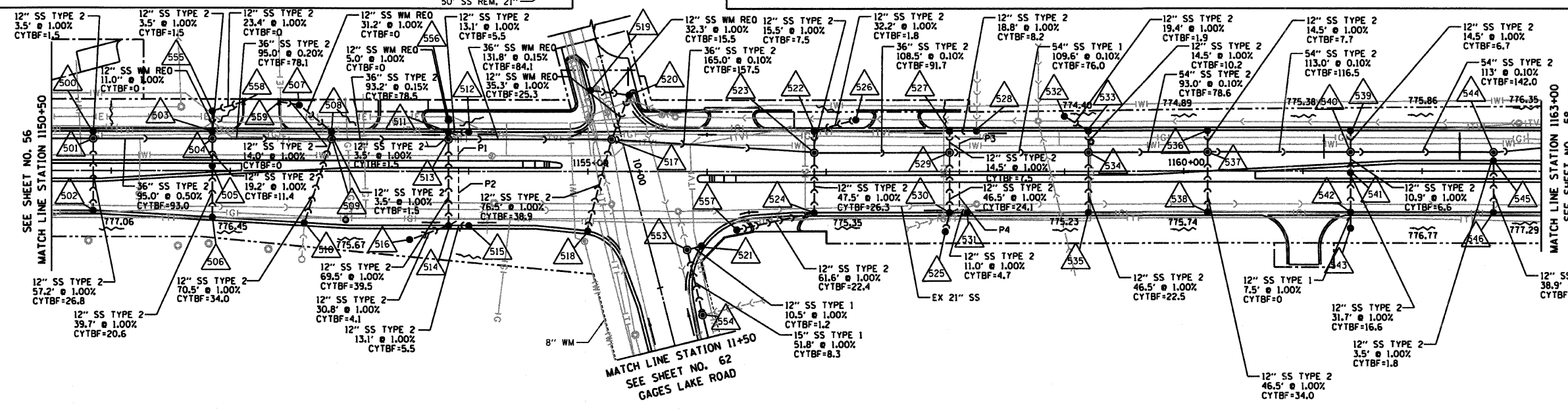
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15847)WRS-2	LAKE	234	57
STA. 1150+50		TO STA. 1163+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60956				



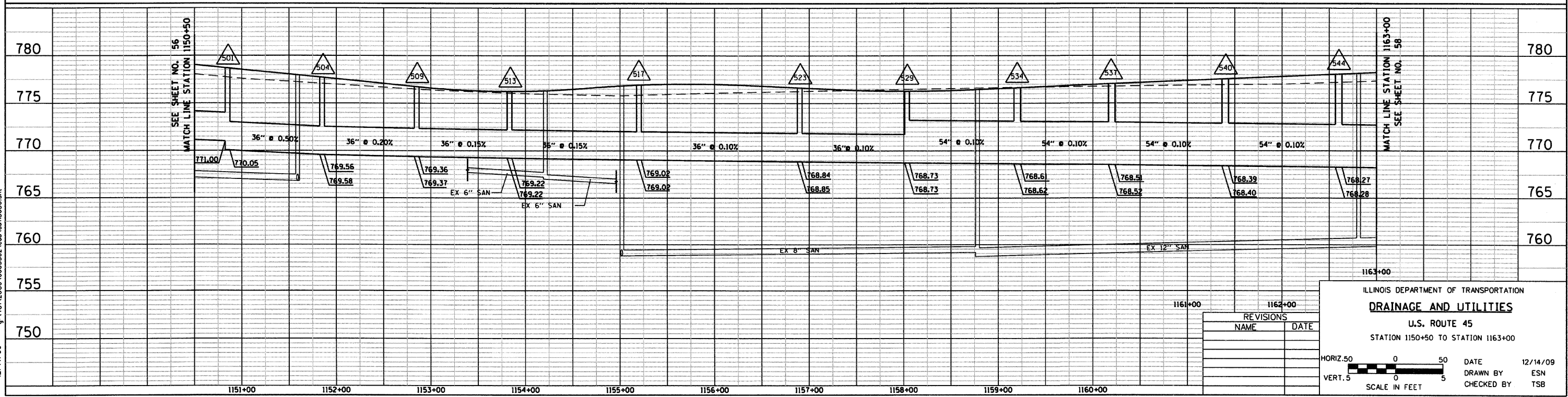
EXISTING U.S. ROUTE 45

PIPE UNDERDRAIN

P1	28" @ 2.0%
P2	50" @ 2.0%
P3	39" @ 2.0%
P4	28" @ 2.0%



PROPOSED U.S. ROUTE 45



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE AND UTILITIES**  
 U.S. ROUTE 45  
 STATION 1150+50 TO STATION 1163+00

HORIZ. 50 0 50  
 VERT. 5 0 5  
 SCALE IN FEET

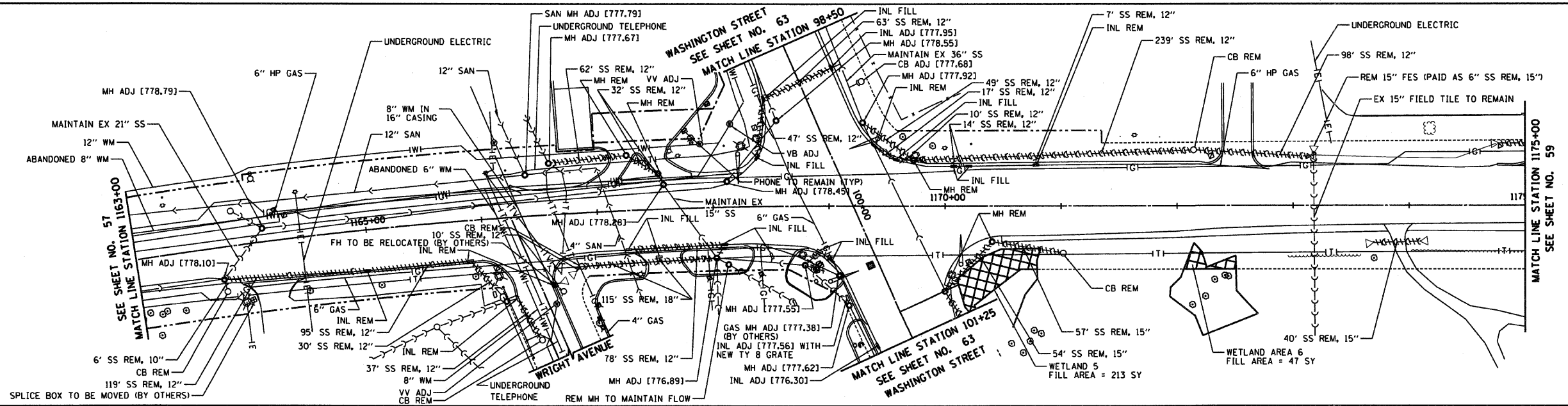
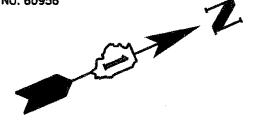
DATE 12/14/09  
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 CHECKED BY TSB



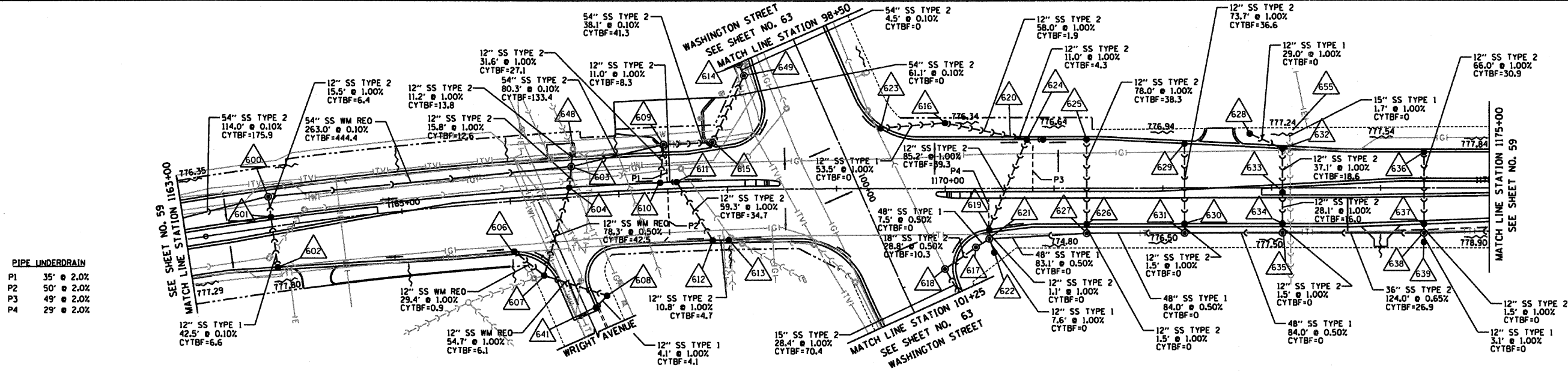
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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	58
STA. 1163+00		TO STA. 1175+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60956				



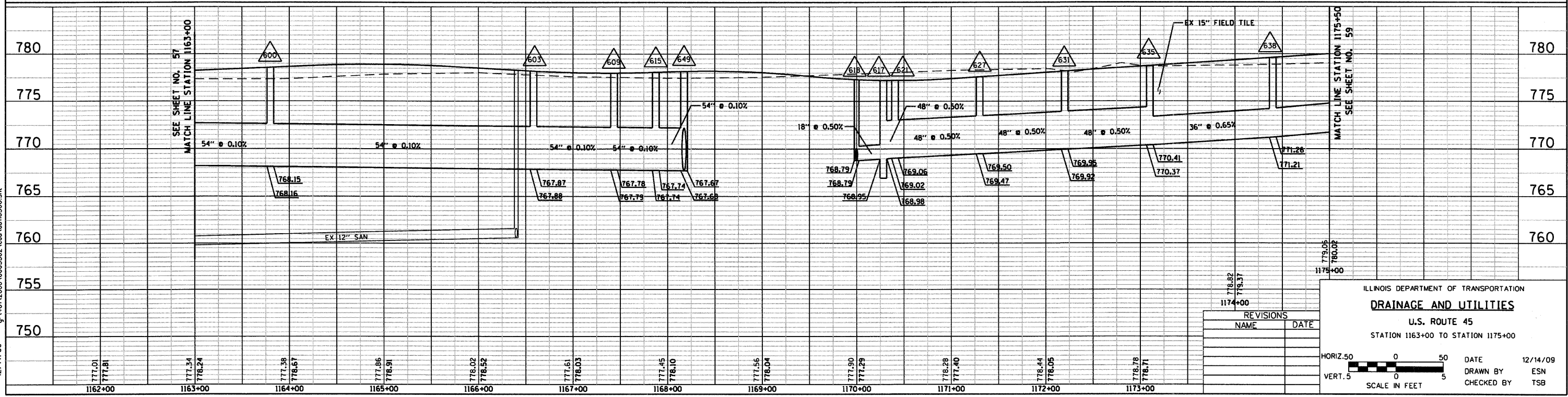
EXISTING U.S. ROUTE 45



PIPE UNDERDRAIN

P1	35"	@ 2.0%
P2	50"	@ 2.0%
P3	49"	@ 2.0%
P4	29"	@ 2.0%

PROPOSED U.S. ROUTE 45



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE AND UTILITIES**  
 U.S. ROUTE 45  
 STATION 1163+00 TO STATION 1175+00

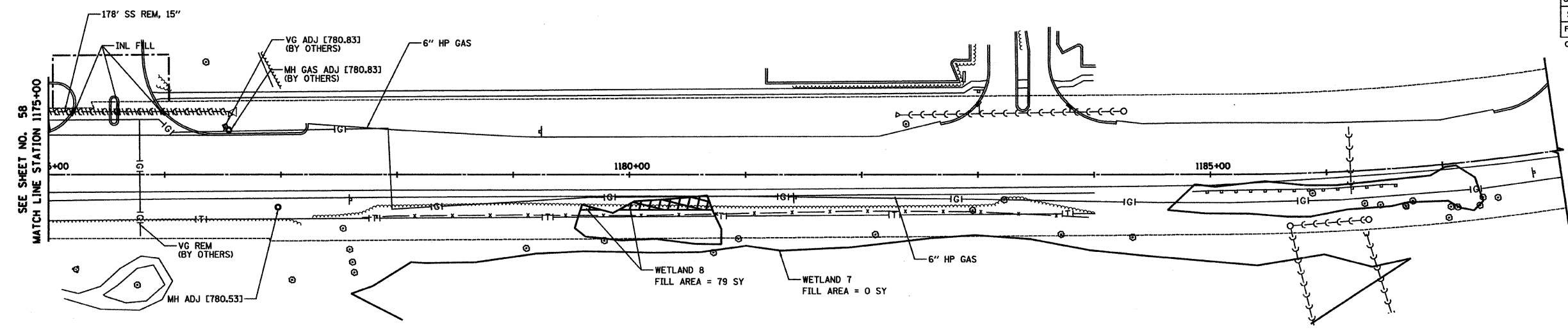
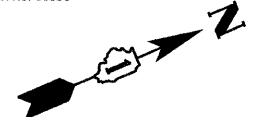
HORIZ. 50 0 50  
 VERT. 5 0 5  
 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY ESN  
 CHECKED BY TSB

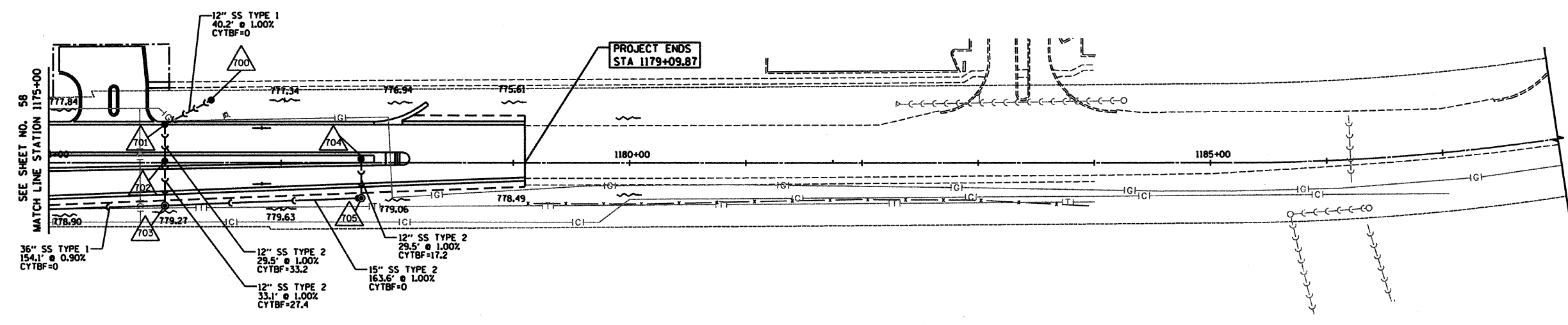


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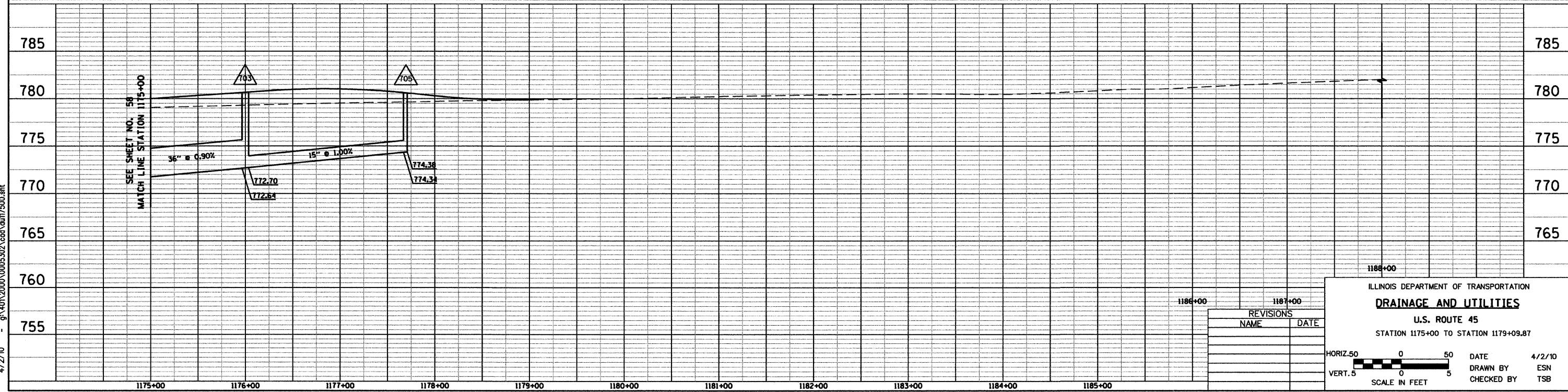
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	59
STA. 1175+00		TO STA. 1179+09.87		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AD PROJECT		
CONTRACT NO. 60956				



EXISTING U.S. ROUTE 45



PROPOSED U.S. ROUTE 45



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE AND UTILITIES**  
 U.S. ROUTE 45  
 STATION 1175+00 TO STATION 1179+09.87

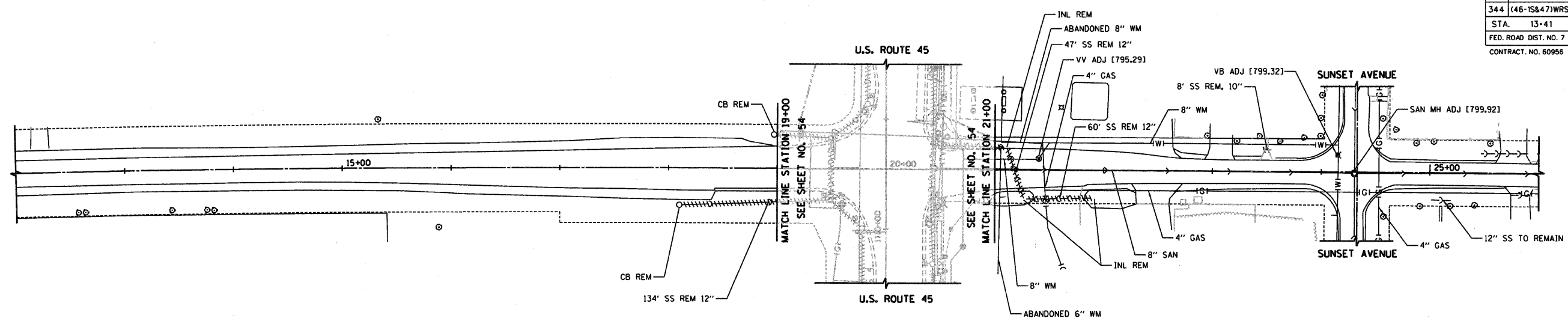
HORIZ. 50 0 50  
 VERT. 5 0 5  
 SCALE IN FEET

DATE 4/2/10  
 DRAWN BY ESN  
 CHECKED BY TSB

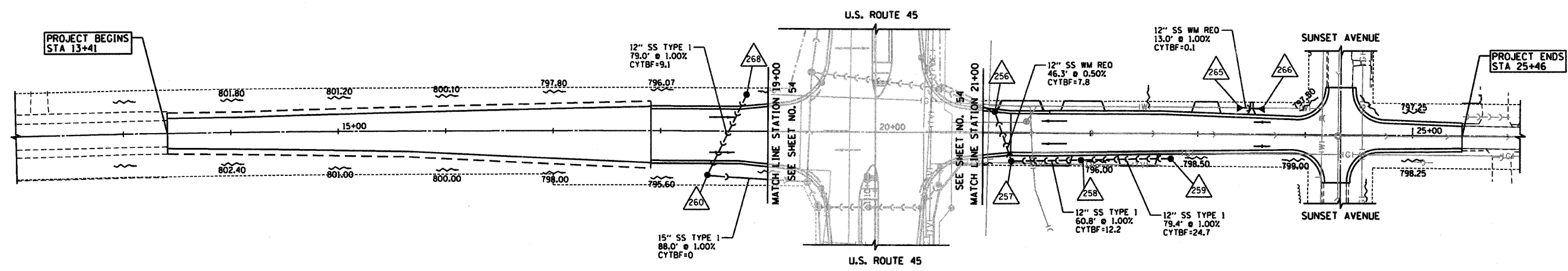


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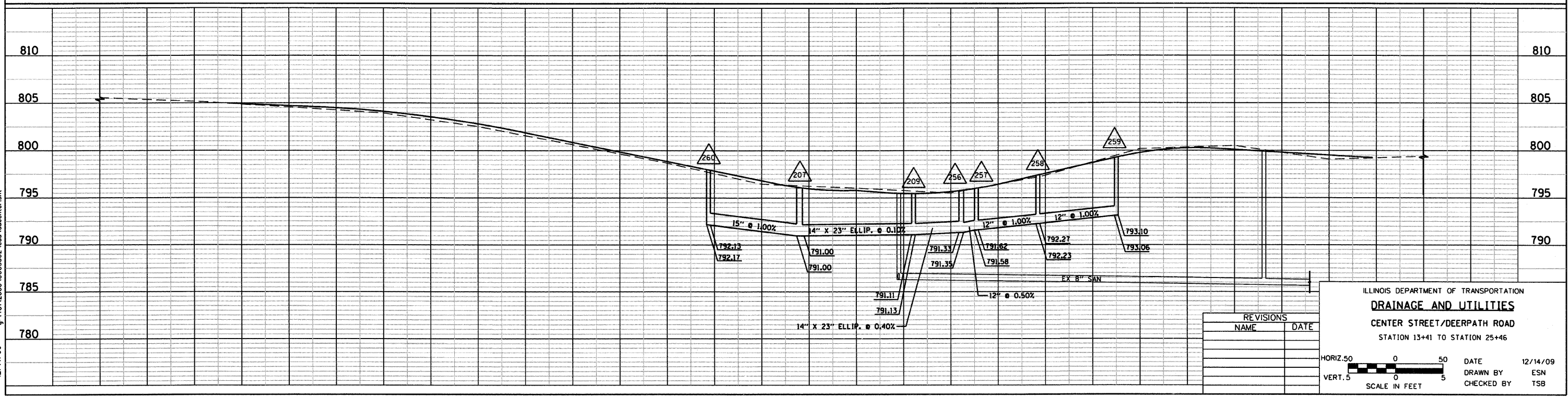
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	60
STA.	13+41	TO STA.	25+46	
FED. ROAD DIST. NO. 7	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 60956				



EXISTING CENTER STREET/DEERPATH ROAD



PROPOSED CENTER STREET/DEERPATH ROAD



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE AND UTILITIES**  
 CENTER STREET/DEERPATH ROAD  
 STATION 13+41 TO STATION 25+46

HORIZ. 50 0 50  
 VERT. 5 0 5  
 SCALE IN FEET

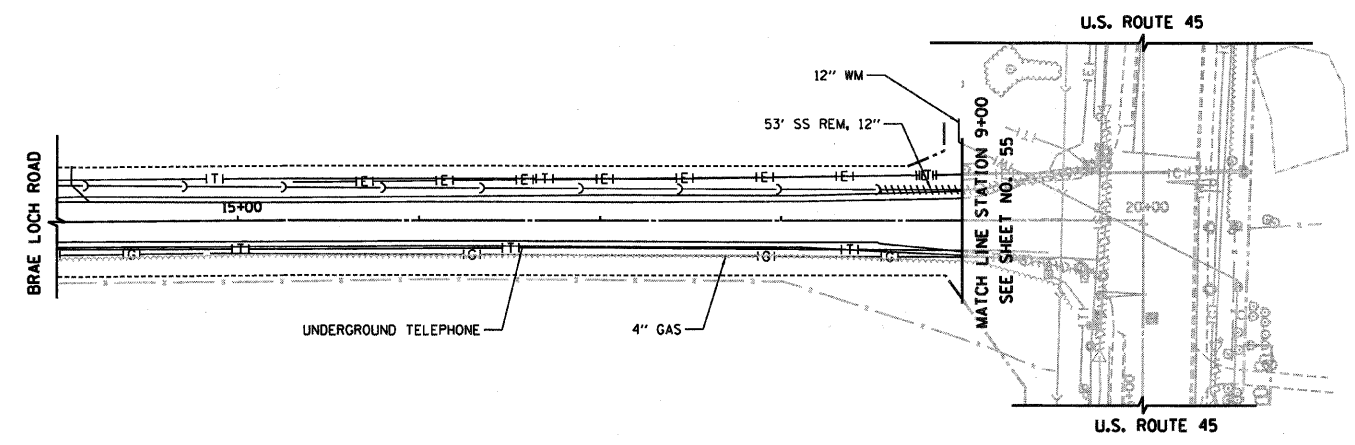
DATE 12/14/09  
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 CHECKED BY TSB



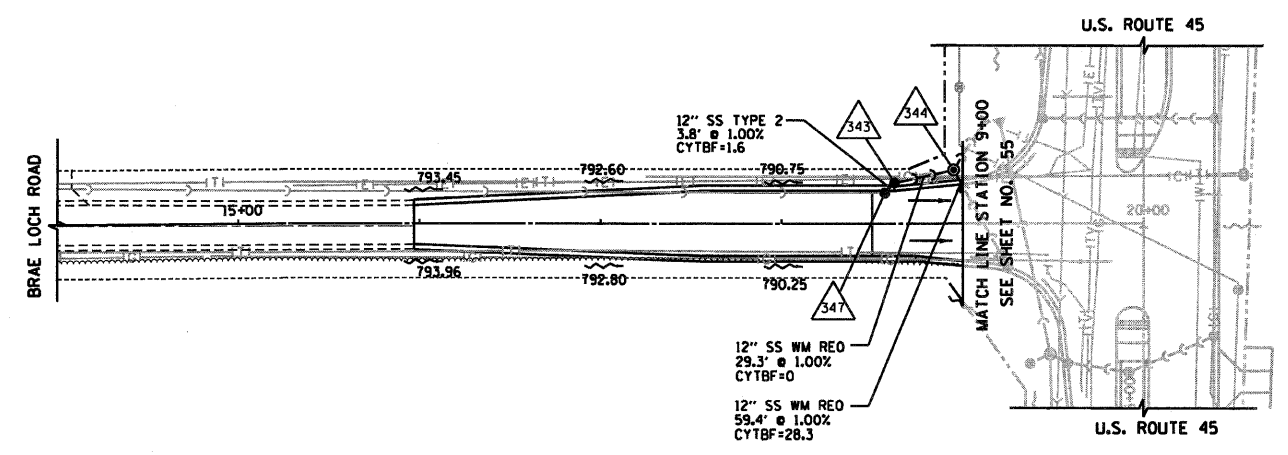
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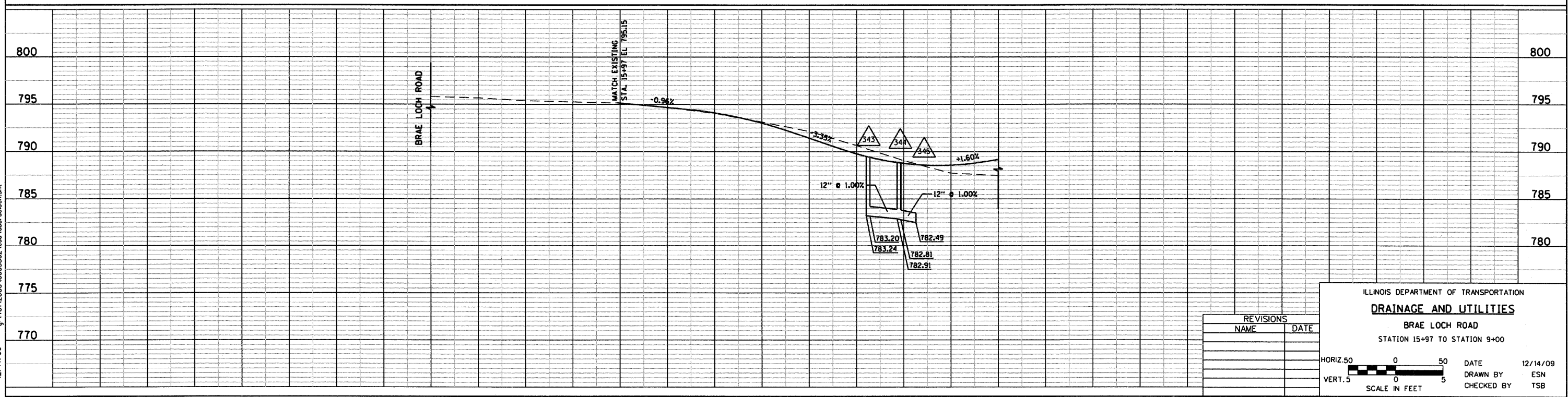
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344	(46-15&47)WRS-2	LAKE	234	61
STA.	5-97	TO STA.	9-00	
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60956				



EXISTING BRAE LOCH ROAD



PROPOSED BRAE LOCH ROAD



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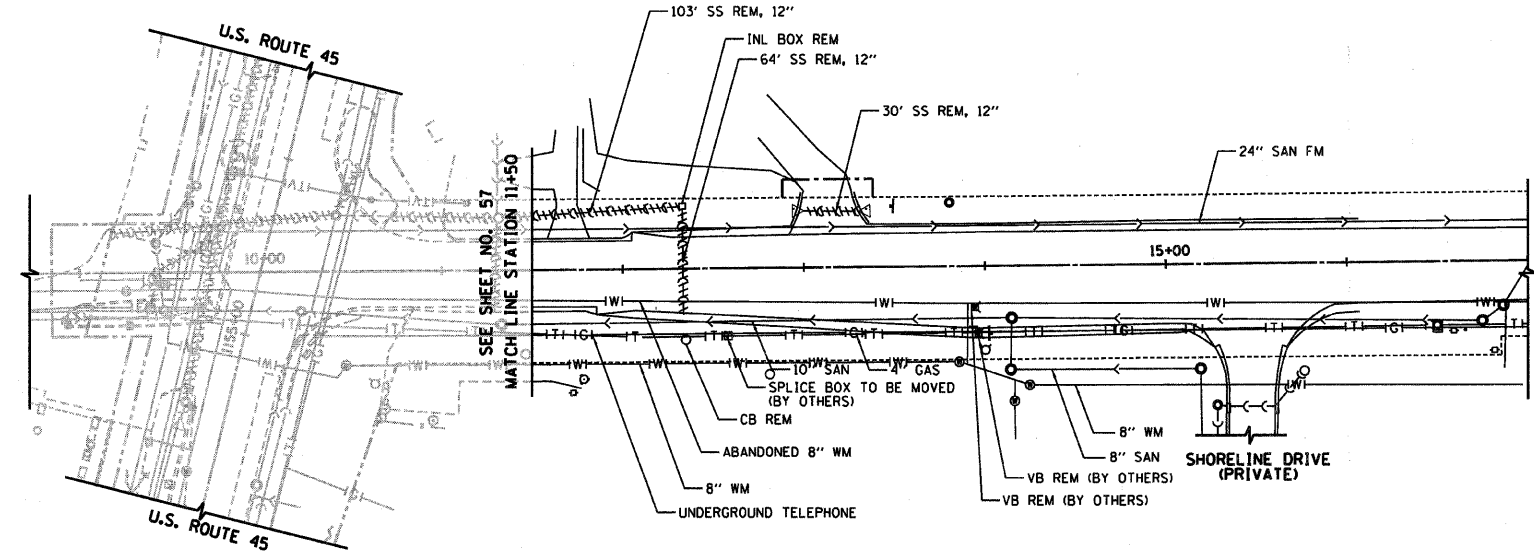
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE AND UTILITIES**  
 BRAE LOCH ROAD  
 STATION 15+97 TO STATION 9+00

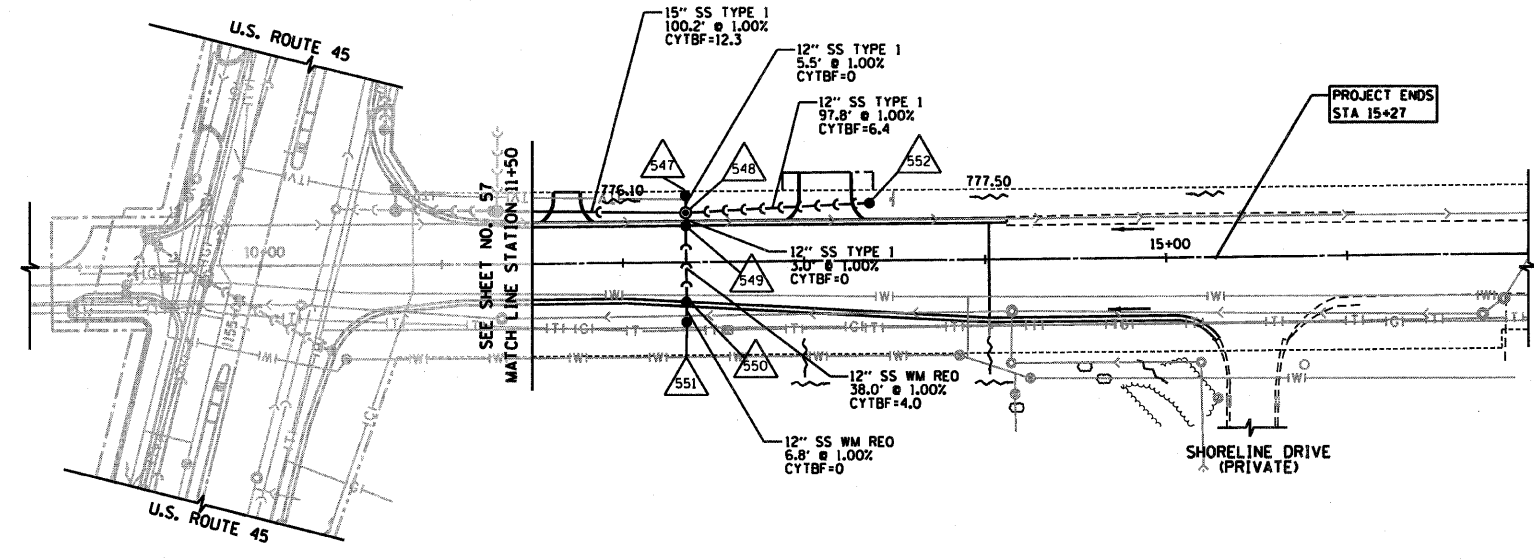
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 VERT. 5 0 5  
 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY ESN  
 CHECKED BY TSB

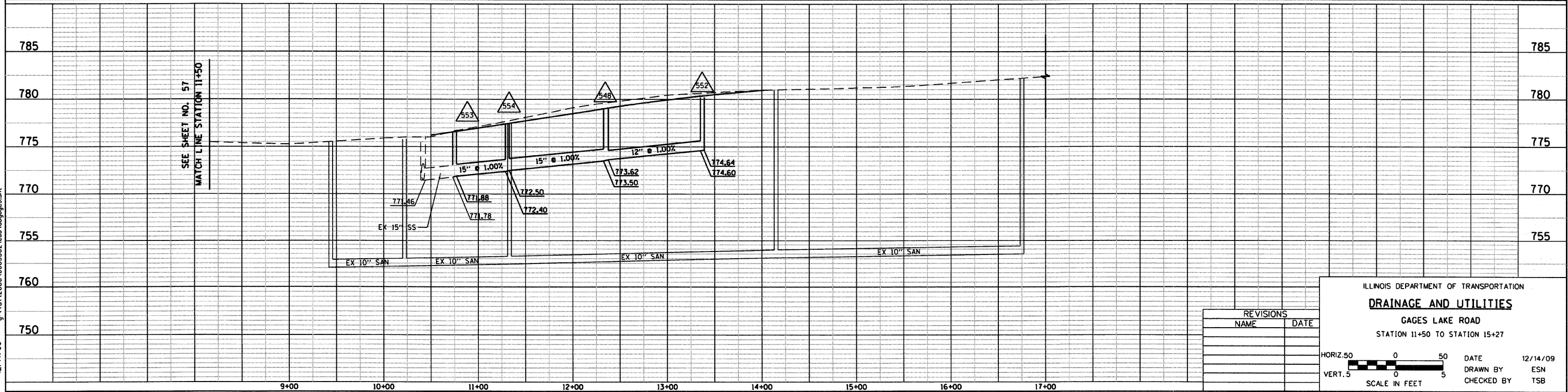
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	62
STA.	11+50	TO STA.	15+27	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				



EXISTING GAGES LAKE ROAD



PROPOSED GAGES LAKE ROAD



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE AND UTILITIES**  
 GAGES LAKE ROAD  
 STATION 11+50 TO STATION 15+27

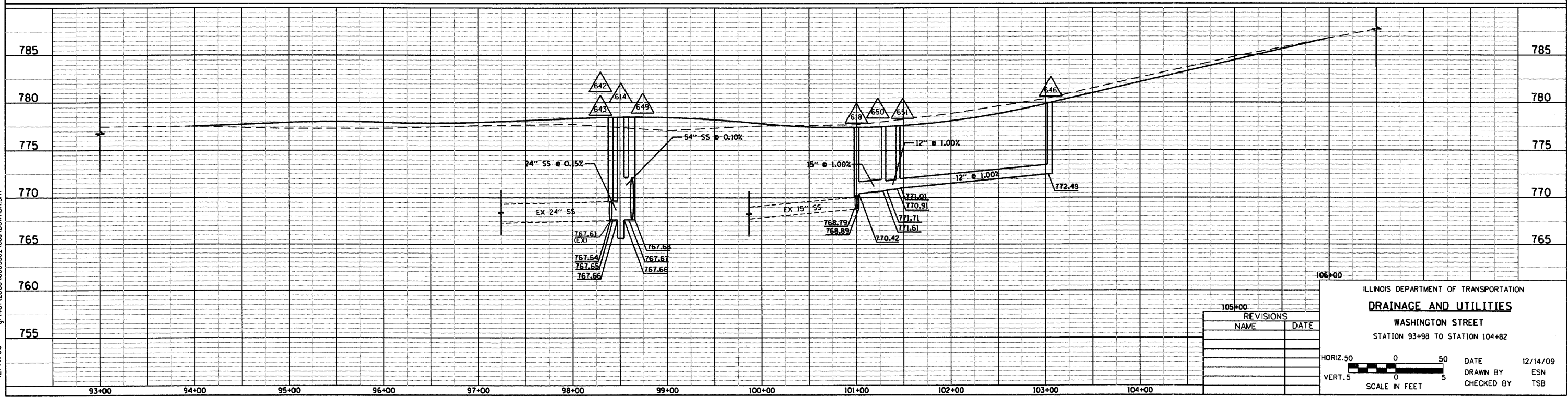
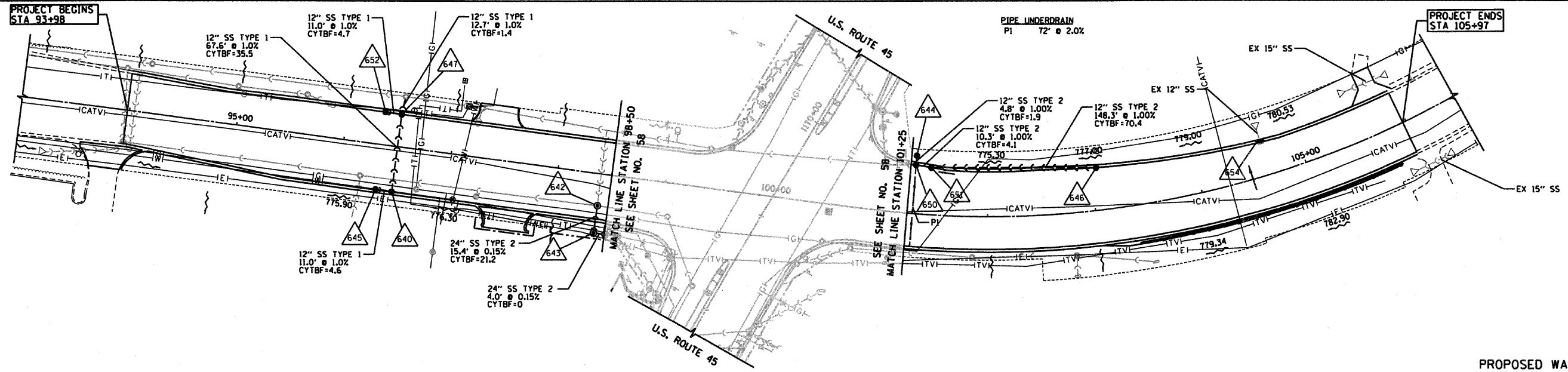
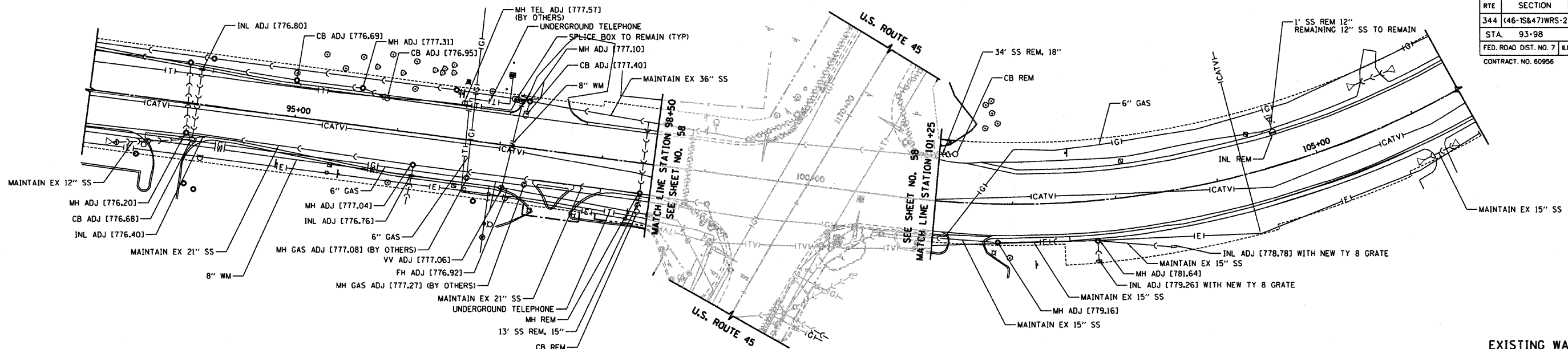
HORIZ. 50 0 50  
 VERT. 5 0 5  
 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY ESN  
 CHECKED BY TSB



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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-15&47)WRS-2	LAKE	234	63
STA.	93+98	TO STA.	104+82	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60956				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE AND UTILITIES**  
 WASHINGTON STREET  
 STATION 93+98 TO STATION 104+82

HORIZ. 50 0 50  
 VERT. 5 0 5  
 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY ESN  
 CHECKED BY TSB



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STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM	INVERT ELEVATIONS												
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW					
100	344+15.8	40.0	LT	EXISTING INLET	ADJUST EXISTING F & G	808.75			803.98		803.89							
101	344+15.7	8.0	RT	CB TYPE A, 4' DIA.	TYPE B GRATE	809.43			EXIST					EXIST				
102	344+16.0	38.0	RT	EXISTING INLET	ADJUST EXISTING F & G	808.75								EXIST				
103	346+55.0	48.0	LT	MH TYPE A, 4' DIA.	TYPE 1 F, CLOSED LID	808.62	800.44		802.51									
104	346+55.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	808.54			802.63					802.53				
105	346+55.0	1.0	LT	CB TYPE A, 4' DIA.	TYPE B GRATE	809.16			803.09					802.99				
106	346+55.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	808.54								803.47				
107	1101+15.0	48.0	LT	MH TYPE A, 4' DIA.	TYPE 1 F, CLOSED LID	807.42	799.35		801.30			799.39						
108	1101+15.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	807.34			801.42					801.32				
109	1101+15.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	807.34								802.20				
110	1102+45.0	56.0	LT	CB TYPE A, 4' DIA.	TYPE B GRATE	803.00			798.58									
111	1102+45.0	48.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	805.85	798.05		799.60			798.05		798.54				
112	1102+45.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	805.77			799.72					799.62				
113	1102+45.0	8.0	LT	CB TYPE A, 4' DIA.	TYPE B GRATE	806.45			800.09					800.01				
114	1102+45.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	805.77								800.54				
115	1104+00.0	48.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	803.97	796.50		796.66			796.55						
116	1104+00.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	803.89			796.78					796.68				
117	1104+00.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	803.89			797.66					797.56				
118	1105+65.0	48.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	801.84	794.85		795.46			794.90						
119	1105+65.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	801.76			795.58					795.48				
120	1105+65.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	801.76								796.36				
121	1107+25.0	48.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	799.44	793.25		793.36			793.30						
122	1107+25.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	799.36		793.46						793.58				
123				NOT USED														
124	1107+10.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	799.77								795.69				
125	1107+10.0	52.0	RT	CB TYPE A, 4' DIA.	TYPE B GRATE	798.15								794.41				
126	1108+88.8	51.4	LT	CB TYPE C	TYPE B GRATE	796.25			792.24									
127	1108+54.2	45.2	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	797.62	792.09		792.77			792.13						
128	1108+50.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	797.48			792.89					792.79				
129	1108+50.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	797.48			793.77					793.67				
130	1108+92.0	52.2	RT	CB TYPE A, 4' DIA.	TYPE B GRATE	796.91								794.33				
131	1103+91.6	53.3	RT	EXISTING MANHOLE	ADJUST EXISTING F & G	802.99			797.87					797.77				
132	1106+63.0	46.9	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	800.59	793.87		794.50			793.92						
133	1108+92.8	47.4	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	796.94	791.82		791.86			791.86		792.22				
134	1106+51.0	45.0	RT	MH TYPE A, 4' DIA.	TYPE 1 F, CLOSED LID	801.02			795.48	796.85								
135	1106+58.6	3.5	RT	CB TYPE A, 4' DIA.	TYPE B GRATE	801.02		795.06	795.06					794.96				
200	1109+85.0	52.5	LT	MH TYPE A, 6' DIA.	TYPE 1 F, CLOSED LID	795.84	791.19		791.28			791.22						
201	1110+00.0	60.0	LT	MH TYPE A, 6' DIA.	TYPE 1 F, CLOSED LID	795.93	791.15					791.16		791.25				
202	1109+85.0	43.5	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	795.96	791.99		791.40					791.30				
203	1109+85.0	6.0	LT	CB TYPE A, 4' DIA.	TYPE B GRATE	796.56			791.85					791.75				
204	1109+85.0	42.5	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	795.90		792.32						792.32				
205	1110+06.5	59.3	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.75	792.44							792.44				
206	1111+00.0	50.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	795.06								791.00				
207	1111+00.0	60.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	795.21	791.00		791.00	791.07		791.01						
208	1111+24.0	42.5	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.79				791.27								
209	1110+90.0	60.0	RT	MH TYPE A, 6' DIA.	TYPE 1 F, CLOSED LID	795.10			791.13					791.11	791.13			
210	1111+95.4	48.0	LT	MH TYPE A, 6' DIA.	TYPE 1 F, CLOSED LID	795.49	790.87		790.96			790.88						
211	1111+95.4	3.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.94	791.41		791.17					791.17				
212	1112+25.0	3.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.91						791.57						
213	1111+95.4	5.0	RT	CB TYPE A, 4' DIA.	TYPE B GRATE	795.22			791.18					791.18				
214	1111+95.4	38.5	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.62	791.49		791.44					791.34				
215	1111+10.4	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.91						791.60						
216	1112+00.0	56.6	RT	CB TYPE A, 4' DIA.	TYPE B GRATE	794.25								791.50				
217	1112+60.0	48.0	LT	MH TYPE A, 6' DIA.	TYPE 1 F, CLOSED LID	795.99	790.77		790.78			790.78						
218	1112+60.0	3.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.95	791.17		790.99					790.99				
219	1112+60.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.63	791.22							791.18				
220	1113+35.0	62.0	LT	PRC FES 42" ELLIPTICAL GRATING		790.60												
221	1113+35.0	48.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	796.55	790.65		790.66			790.65		790.64				
222	1113+35.0	3.6	LT	CB TYPE A, 5' DIA.	TYPE 24 F & G	795.35		790.79	790.79					790.78				
223	1113+35.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.89			790.95					790.91				
224	1113+35.0	70.0	RT	PRC FES 12"		791.00												
225	1115+40.0	48.0	LT	MH TYPE A, 6' DIA.	TYPE 1 F, CLOSED LID	796.23	790.97		790.97					790.96				
226	1115+40.0	3.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	795.74			791.20					791.17				
227	1115+40.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	795.02						791.62		791.52				
228	1116+78.5	48.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	795.30	791.18			791.18				791.17				
229	1110+02.6	50.2	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	795.60						792.14						
230	1117+50.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.73	791.51											
231	1116+43.5	4.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	795.25	791.56	791.55						791.46				
232	1116+78.5	8.5	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	795.25	791.51		791.51					791.51	791.41			
233	1116+63.5	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.56	791.81							791.81				
234	1116+78.5	39.0	RT	INLET TYPE A	TYPE 24 F & G	794.55						791.89						
235	1117+75.0	48.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	795.06	791.33		791.32			791.32						
236	1117+75.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.87			791.33			791.40		791.33				
237	1117+75.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.87			791.72					791.72				
238	1118+75.0	48.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	795.76	791.49		791.48			791.47						
239	1118+75.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	795.68			791.49					791.49				
240	1118+75.0	8.0	RT	CB TYPE A, 4' DIA.	TYPE B GRATE	796.36			791.72					791.72				
241	1118+41.0	49.6	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	794.95	792.03											
242	1118+75.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	795.68						791.87		791.87				
243	1120+00.0	48.0	LT	MH TYPE A, 4' DIA.	TYPE 1 F, CLOSED LID	796.80	792.11		792.35			792.09						
244	1120+00.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	796.72			792.48					792.38				
245	1120+00.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	796.72								793.26				
246	1121+00.0	48.0	LT	MH TYPE A, 4' DIA.	TYPE 1 F, CLOSED LID	797.63	792.86		793.18			792.83						
247	1121+00.0	39.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	797.55			793.31					793.21				
248	1121+00.0	39.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	797.55								794.09				

STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM	INVERT ELEVATIONS								
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW	
423	1146+75.0	33.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	782.27							777.23	
424	1148+15.0	33.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	780.89			773.57				773.57	
425	1148+15.0	27.0	LT	MH TYPE A, 4' DIA.	TYPE 1 F, CLOSED LID	781.01	772.33		775.28		775.20		774.74	
426	1148+15.0	33.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	780.89							775.85	
427	1148+15.0	55.0	LT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	777.50			774.90					
428	1148+63.0	46.0	LT	MH TYPE A, 6' DIA.	TYPE 1 F, CLOSED LID	780.22	774.39		774.39					
429	1148+62.0	27.0	RT	MH TYPE A, 6' DIA.	TYPE 1 F, CLOSED LID	780.55	773.71		774.37				774.57	
430	1148+62.0	48.4	RT	INLET BOX TYPE A (24")	GRATING	775.75			774.67				774.50	
431	1148+82.9	46.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	780.12			774.35		774.35			774.35
432	1149+45.0	33.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	779.62			774.58					
433	1149+45.0	27.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	779.74	771.68		774.01		771.70		774.55	
434	1149+45.0	33.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	779.62							774.58	
435				NOT USED										
436				NOT USED										
437	1142+89.5	9.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	786.54	781.50							
438	1143+00.0	9.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	786.43			780.11		781.44		780.13	
439	1148+62.0	27.0	RT	MH TYPE A, 6' DIA.	TYPE 1 F, CLOSED LID	780.45	773.60		774.37		773.62		774.55	
440	1148+72.0	48.4	RT	INLET BOX TYPE A (24")	GRATING	775.75			774.67				774.50	
441	1149+74.0	113.9	LT	PRC FES 42" ELLIPTICAL	GRATING	774.14								
442	1149+77.0	100.8	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	779.00				774.15			774.15	
500	1150+85.0	33.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	778.22			773.18					
501	1150+85.0	27.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	778.34	770.05		772.61		771.00		773.15	
502	1150+85.0	33.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	778.22							773.18	
503	1151+85.0	33.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	777.23			772.20				772.30	
504	1151+85.0	27.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	777.35	769.56		771.37		769.58		772.17	
505	1151+85.0	3.3	LT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	777.92			771.66				771.56	
506	1151+85.0	38.4	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	777.10							772.06	
507	1152+58.0	55.5	LT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	775.22			771.62		771.72			
508	1152+85.0	33.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	776.25			771.21				771.31	
509	1152+85.0	27.0	LT	MH TYPE A, 6' DIA.	TYPE 1 F, CLOSED LID	776.37	769.36		770.49		769.37		771.18	
510	1152+62.2	42.8	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	776.24			772.63				771.19	
511	1153+83.2	33.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	775.76	770.60		770.50				772.49	
512	1154+00.2	33.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	775.77					770.73			
513	1153+83.2	27.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	775.88	769.22		769.51				770.47	
514	1153+83.2	45.0	RT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	775.46	770.30				770.42		770.20	
515	1154+00.2	45.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	775.47					770.43			
516	1153+50.5	56.8	RT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	775.25	770.73							
517	1155+20.0	27.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	776.55	769.02		770.12		769.02		769.32	
518	1155+00.0	50.2	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	776.01							770.88	
519	1155+02.6	68.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	775.10	770.09							
520	1155+34.6	64.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	774.54			769.67		769.77			
521	10+75.0	42.4	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	775.94					772.48			
522	1156+90.0	34.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	776.14	771.10		771.00					
523	1156+90.0	16.0	LT	MH TYPE A, 5' DIA.	TYPE 1 F, CLOSED LID	776.48	768.84		770.16		768.85		770.85	
524	1156+90.0	34.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	776.14			770.73		770.73		770.63	
525	1158+00.0	50.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	774.71							770.83	
526	1157+25.0	43.5	LT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	774.75					771.42			
527	1158+03.5	34.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	775.79	770.56		770.46					
528	1158+18.5	34.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	775.79					770.75		771.53	
529	1158+03.5	16.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	776.13	768.73		770.08		768.73		770.32	
530	1158+03.5	34.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	775.79	770.64						770.54	
531	1158+18.5	34.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	775.79					770.75			
532	1159+20.0	47.3	LT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	774.40			769.98					
533	1159+20.0	34.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	776.13			769.69				769.79	
534	1159+20.0	16.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	776.47	768.61		770.63		768.62		769.55	
535	1159+20.0	34.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	776.13							771.09	
536	1160+20.0	34.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	776.56			771.02					
537	1160+20.0	16.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	776.90	768.51		770.56		768.52		771.17	
538	1160+20.0	34.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	776.56							771.02	
539	1161+40.0	34.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	777.17			772.13					
540	1161+40.0	16.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	777.45	768.39		771.34		768.40		771.99	
541	1161+40.0	0.4	RT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	777.70			771.55				771.45	
542	1161+40.0	34.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	777.08			771.97				771.87	
543	1161+40.0	47.5	RT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	776.46							772.04	
544	1162+60.0	16.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	778.10	768.27		772.02		768.28			
545	1162+60.0	8.9	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	778.07			772.16				772.06	
546	1162+60.0	34.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	777.59							772.55	
547	12+35.0	36.5	LT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	775.75								
548	12+35.0	27.0	LT	MH TYPE A, 4' DIA.	TYPE 1 F, CLOSED LID	777.90			773.62		774.77		773.50	
549	12+35.0	20.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	778.68	774.80				774.90			
550	12+35.0	22.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	778.64	775.30				775.40			
551	12+35.0	33.0	RT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	777.50	775.45							
552	13+37.0	31.5	LT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	777.20							774.60	
553	10+75.0	29.9	LT	MH TYPE A, 4' DIA.	TYPE 1 F, CLOSED LID	776.10	772.38		771.88				771.78	
554	11+30.8	28.9	LT	MH TYPE A, 4' DIA.	TYPE 1 F, CLOSED LID	777.20	773.11		772.50				772.40	
555	1151+85.0	50.0	LT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	776.45	772.52		772.42					
556	1153+83.2	44.0	LT	CB TYPE C	TYPE 8 GRATE	775.71			772.54					
557	1156+25.0	48.4	RT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	775.73	771.25							
558	1152+11.2	58.0	LT	INLET TYPE A	TYPE 1 F, OPEN LID	775.80					772.76			
559	1152+41.2	58.0	LT	INLET TYPE A	TYPE 1 F, OPEN LID	775.80	771.86							
600	1163+80.0	28.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	779.05	768.15		773.80		768.16			
601	1163+80.0	9.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	778.59			774.05				773.95	
602	1163+80.0	37.5	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	777.93							774.47	
603	1166+58.0	28.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	778.65	767.88		771.00		767.88		768.39	
604	1166+55.0	9.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	778.21				771.26			771.16	
605				NOT USED										
606	1166+00.0	46.1	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	777.63					772.43			
607	1166+26.2	70.3	RT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	777.25			772.14				772.04	
608	1166+84.0	92.4	RT	CB TYPE A, 4' DIA.	TYPE 8 GRATE	775.67					772.49		772.41	

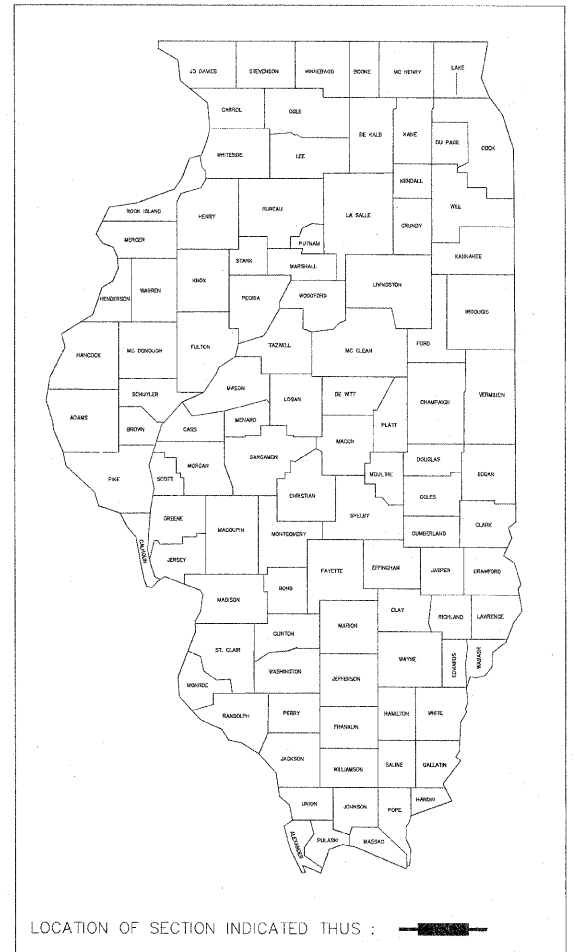
STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM	INVERT ELEVATIONS								
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW	
609	1167+43.0	43.8	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID	778.54	767.78						767.79	
610	1167+38.5	9.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	777.98	772.91						770.70	
611	1167+53.5	9.0	LT	CB TYPE A, 4' DIA.	TYPE 24 F & G	777.99					773.02		773.02	
612	1167+85.0	46.0	RT	CB TYPE A, 4' DIA.	TYPE 24 F & G	776.86	773.61						773.61	
613	1168+00.0	46.0	RT	CB TYPE C	TYPE 24 F & G	776.85							773.50	
614	98+50.9	55.0	RT	MH TYPE A, 7' DIA.	2-TYPE 1 F & CL w / RESTRICTOR PLATE	777.85						767.66		767.66
615	1167+87.6	44.0	LT	MH TYPE A, 7' DIA.	TYPE 1 F, CLOSED LID									

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION RIGHT OF WAY PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A. R.I.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*		LAKE	39	1
F.H.W.A. REG.	ILLINOIS	PROJECT		

\*FAP 344 (U.S. RTE. 45)

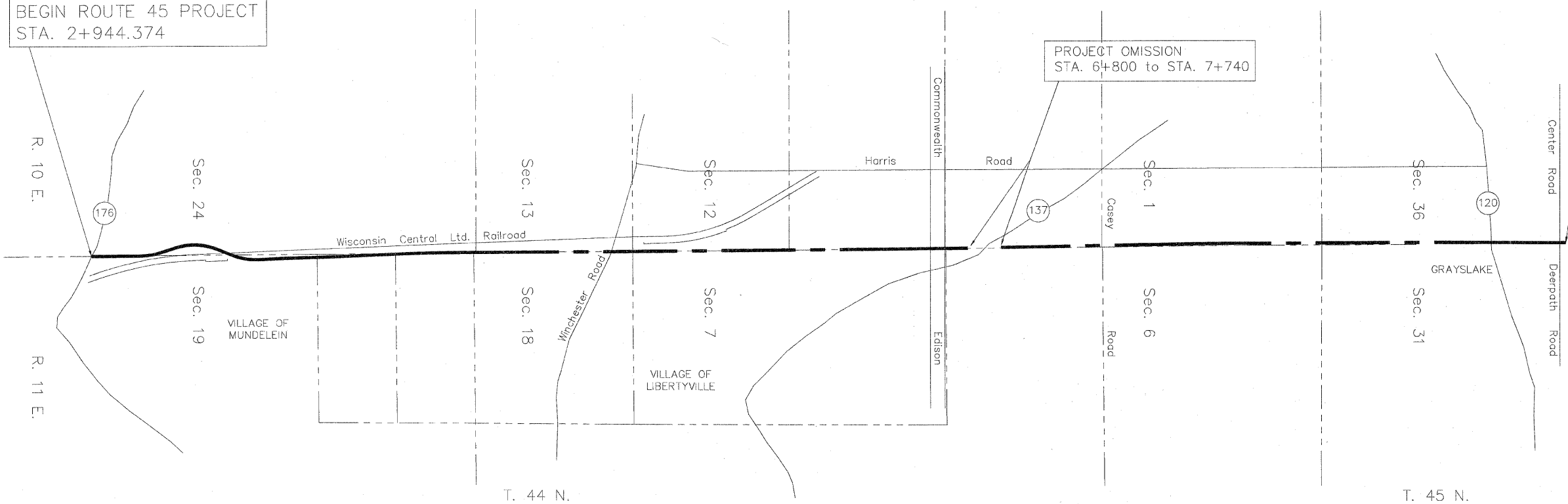
ROUTE : FAP 344 (U.S. ROUTE 45)  
SECTION : 46R  
PROJECT NO. :  
JOB NO. : R91-019-91  
COUNTY : LAKE  
LIMITS ILLINOIS ROUTE 176 TO IL 120



BEGIN ROUTE 45 PROJECT  
STA. 2+944.374

END ROUTE 45 PROJECT  
STA. 33+893.828

PROJECT OMISSION  
STA. 6+800 to STA. 7+740



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED \_\_\_\_\_ 19 \_\_\_\_  
DISTRICT ENGINEER

EXAMINED \_\_\_\_\_ 19 \_\_\_\_  
DISTRICT RIGHT OF WAY PLANS ENGINEER

PASSED \_\_\_\_\_ 19 \_\_\_\_  
DISTRICT LAND ACQUISITION ENGINEER

REVIEWED \_\_\_\_\_ 19 \_\_\_\_  
CENTRAL BUREAU RIGHT OF WAY PLANS ENGINEER

APPROVED \_\_\_\_\_ 19 \_\_\_\_  
ENGINEER OF LAND ACQUISITION

PROJECT LENGTH = 3,791 m [12,439 L.F.] SOUTH END, 3,185 m [10,451 L.F.] NORTH END = 4.335 TOTAL MILES, U.S. ROUTE 45

PART OF THE NE 1/4, SEC. 36 & THE SE 1/4, SEC. 25, IN T. 45 N., R. 10 E. AND PART OF THE NW 1/4, SEC. 31 & THE SW 1/4, SEC. 30, IN T. 45 N., R. 11 E. OF THE 3RD P.M., LAKE COUNTY, ILLINOIS.

TOTAL SHEET NO. 234 67

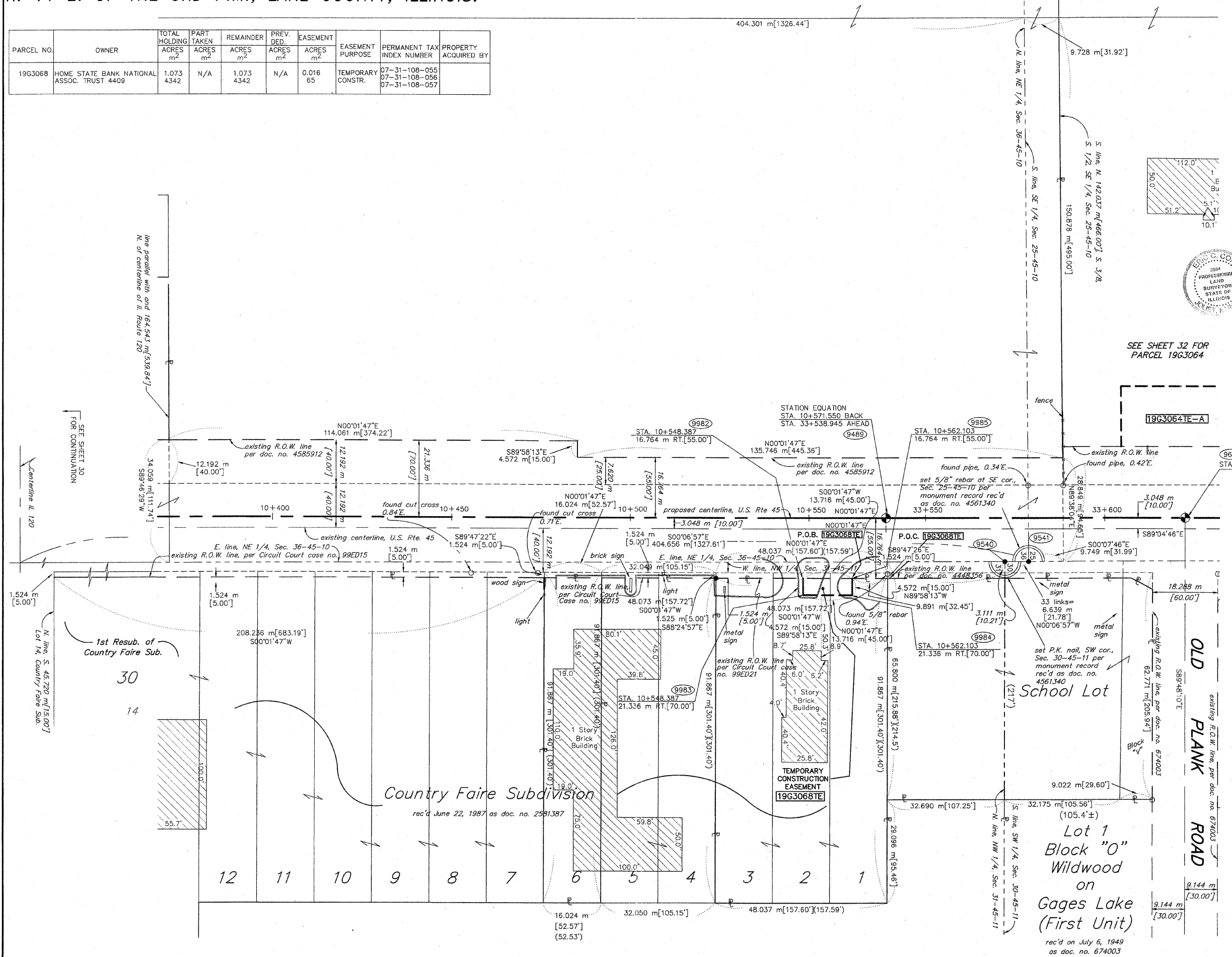
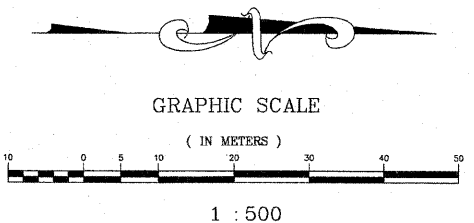
PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
19G3068	HOME STATE BANK NATIONAL ASSOC. TRUST 4409	1.073	N/A	1.073	N/A	0.016	TEMPORARY CONSTR.	07-31-108-055 07-31-108-056 07-31-108-057	

- IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION
- CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
COUNTY OF WILL }

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 36 & 25, TOWNSHIP 45 NORTH, RANGE 10 EAST, AND SECTIONS 30 & 31, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 22<sup>ND</sup> DAY OF JANUARY, 2009 A.D.  
ERIC C. COX, P.L.S. NO. 3604  
MY LICENSE EXPIRES 11-30-2010



NOTE: BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.  
ALL STATIONS, OFFSETS AND CURVE DATA ARE REFERENCED TO THE PROPOSED CENTERLINE.

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- METRIC DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- ▨ EXISTING BUILDING

RUETTIGER, TONELLI & ASSOCIATES, INC.  
LAND SURVEYORS/CONSULTANTS/ENGINEERS/PLANNERS  
2174 ONEIDA STREET  
JOLIET, ILLINOIS 60435  
PH. (815) 744-6600

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 344 (U.S. 45)

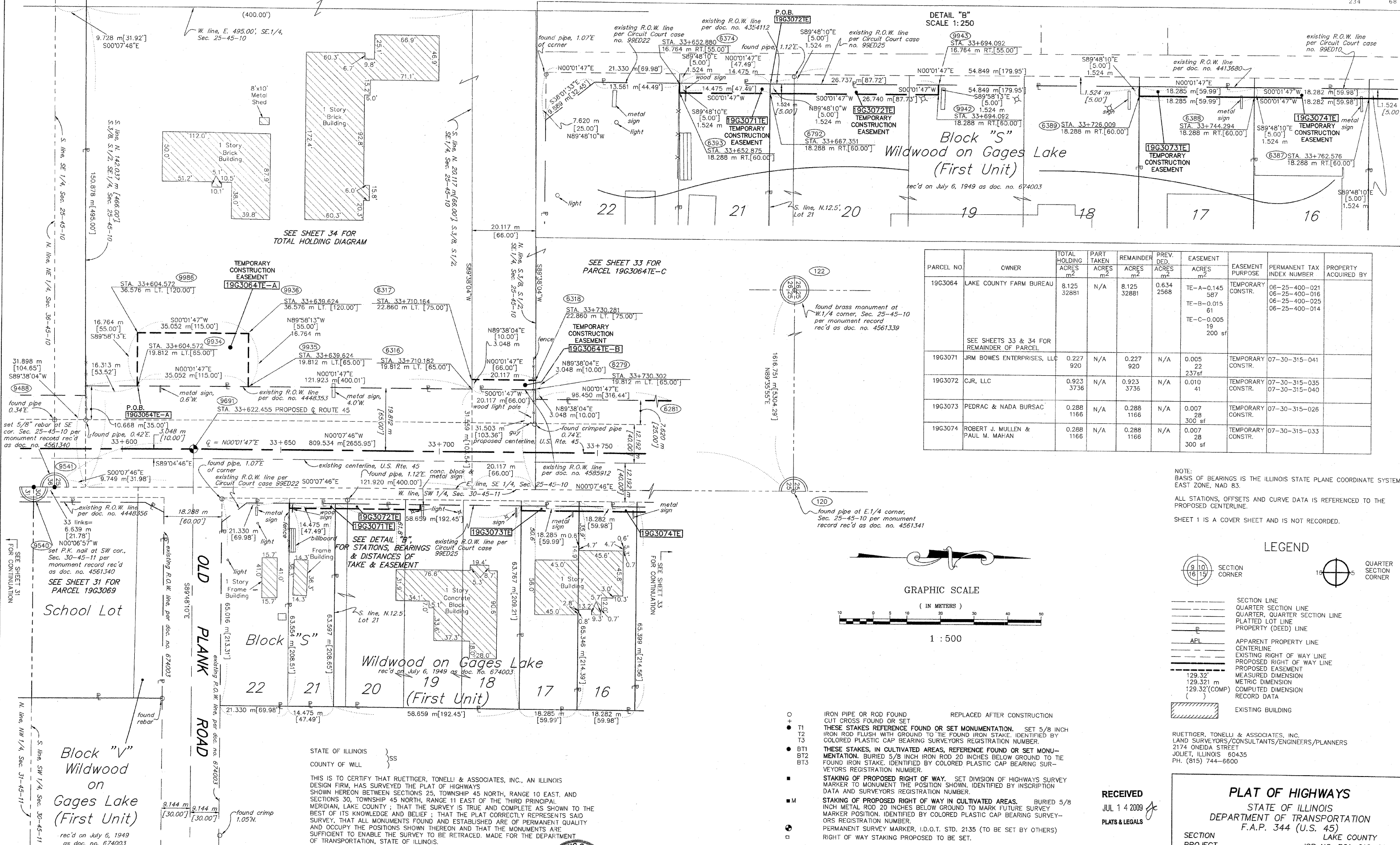
SECTION LAKE COUNTY  
PROJECT JOB NO. R91-019-91  
STATION 10+370 TO STATION 33+630  
SCALE: 1:500 SHEET 31 OF 39

RECEIVED  
JAN 26 2009  
PLATS & LEGALS

1-22-09	REVISED TH FOR PARCEL 3064	TLW
6/9/2008	DELETED PARCELS PER IDOT	TLW
REVISION DATE 2/27/2008	REVISION CHANGED PREFIX TO 19G	MADE BY JMH

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

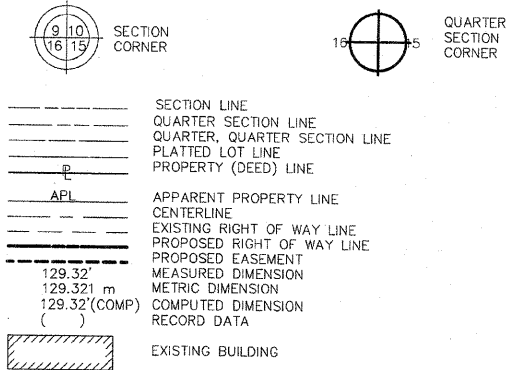




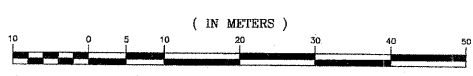
PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DEED ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
19G3064	LAKE COUNTY FARM BUREAU	8.125 32881	N/A	8.125 32881	0.634 2568	TE-A-0.145 587 TE-B-0.015 61 TE-C-0.005 19 200 sf	TEMPORARY CONSTR.	06-25-400-021 06-25-400-016 06-25-400-025 06-25-400-014	
SEE SHEETS 33 & 34 FOR REMAINDER OF PARCEL									
19G3071	JRM BOWES ENTERPRISES, LLC	0.227 920	N/A	0.227 920	N/A	0.005 22 237sf	TEMPORARY CONSTR.	07-30-315-041	
19G3072	CJR, LLC	0.923 3736	N/A	0.923 3736	N/A	0.010 41	TEMPORARY CONSTR.	07-30-315-035 07-30-315-040	
19G3073	PEDRAC & NADA BURSAC	0.288 1166	N/A	0.288 1166	N/A	0.007 28 300 sf	TEMPORARY CONSTR.	07-30-315-026	
19G3074	ROBERT J. MULLEN & PAUL M. MAHAN	0.288 1166	N/A	0.288 1166	N/A	0.007 28 300 sf	TEMPORARY CONSTR.	07-30-315-033	

NOTE: BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.  
 ALL STATIONS, OFFSETS AND CURVE DATA IS REFERENCED TO THE PROPOSED CENTERLINE.  
 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

LEGEND



GRAPHIC SCALE



1 : 500

- IRON PIPE OR ROD FOUND
- REPLACED AFTER CONSTRUCTION
- + THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
 COUNTY OF WILL }  
 THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25, TOWNSHIP 45 NORTH, RANGE 10 EAST, AND SECTIONS 30, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

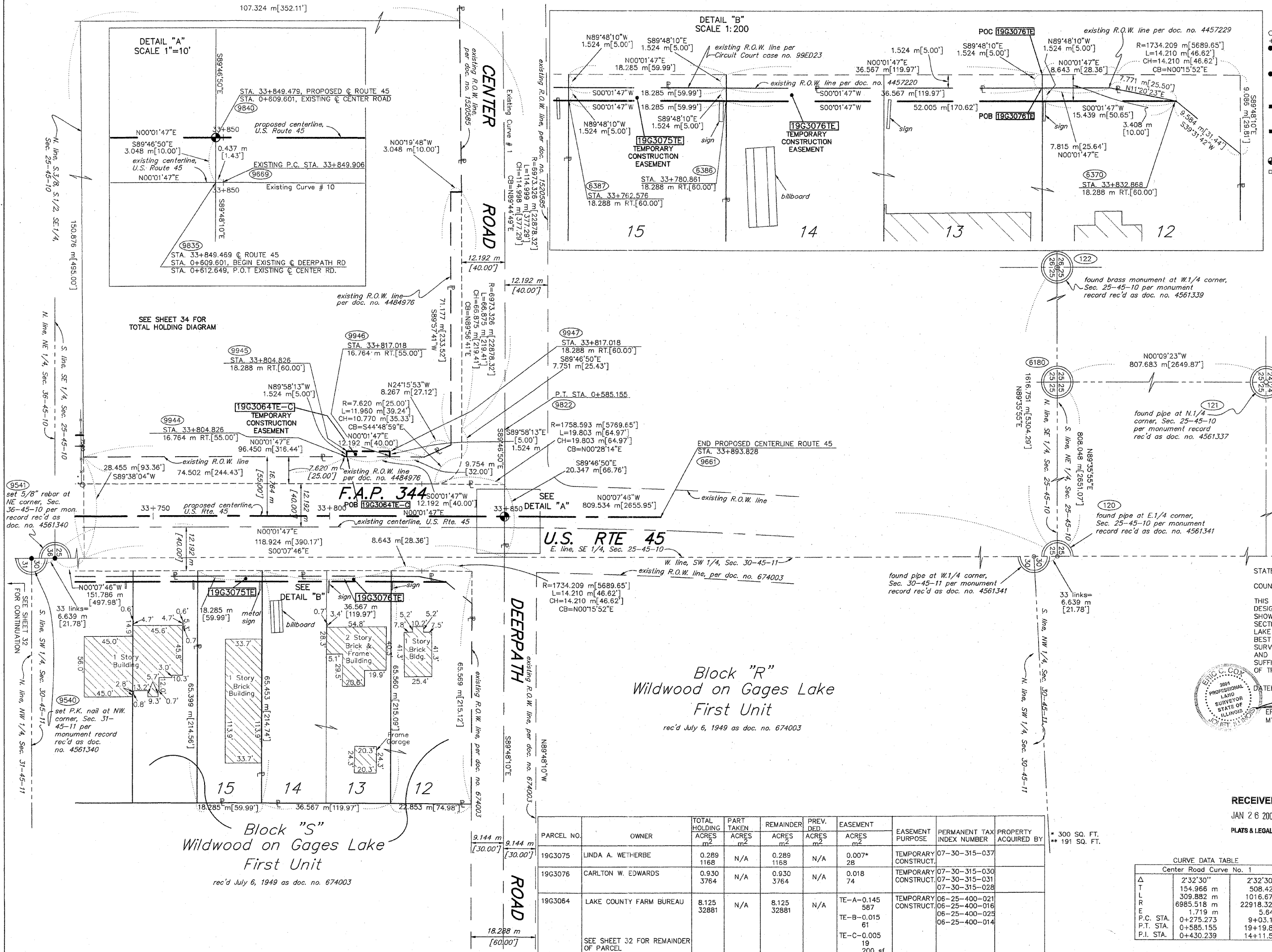
DATED AT JOLIET, ILLINOIS THIS 25<sup>TH</sup> DAY OF JUNE, 2009  
 ERIC C. COX, P.L.S. NO. 3604  
 MY LICENSE EXPIRES 11-30-2010



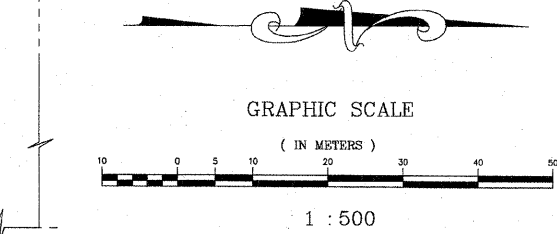
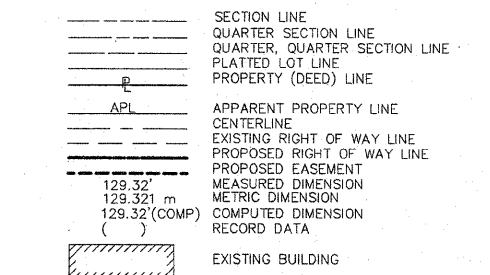
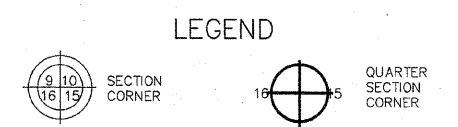
RECEIVED  
 JUL 14 2009  
 PLATS & LEGALS

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 344 (U.S. 45)  
 SECTION LAKE COUNTY  
 PROJECT JOB NO. R91-019-91  
 STATION 33+580 TO STATION 33+760  
 SCALE: 1:500 SHEET 32 OF 39  
 BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT

06/24/2009	REVISED PINS FOR 3071 AND 3072	RH
1/22/2009	COMBINED 3063 & 3095 WITH 3064	TLW
1/19/2009	CHANGED OWNER 3064	TLW
2/21/2008	CHANGED PREFIX TO 19G	JMH



- IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION
- CUT CROSS FOUND OR SET
- + T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- + T2 IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- + T3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
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- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS AND SHOWN HEREON BETWEEN SECTION 25, TOWNSHIP 45 NORTH, RANGE 10 EAST, AND SECTION 30, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF ITS KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 22<sup>ND</sup> DAY OF JANUARY, 2009 A.D.  
ERIC C. COX, P.L.S. NO. 3604  
MY LICENSE EXPIRES 11-30-2010

NOTE:  
BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.  
ALL STATIONS, OFFSETS AND CURVE DATA IS REFERENCED TO THE PROPOSED CENTERLINE.  
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

RECEIVED  
JAN 26 2009  
PLATS & LEGALS

CURVE DATA TABLE  
Center Road Curve No. 1

Δ	2'32"30"	2'32"30"
T	154.966 m	508.42'
L	309.882 m	1016.67'
R	6985.518 m	22918.32'
E	1.719 m	5.64'
P.C. STA.	0+275.273	9+03.12
P.T. STA.	0+585.155	19+19.80
P.I. STA.	0+430.239	14+11.54

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
19G3075	LINDA A. WETHERBE	0.289 1168	N/A	0.289 1168	N/A	0.007* 28	TEMPORARY CONSTRUCT.	07-30-315-037	
19G3076	CARLTON W. EDWARDS	0.930 3764	N/A	0.930 3764	N/A	0.018 74	TEMPORARY CONSTRUCT.	07-30-315-030 07-30-315-031 07-30-315-028	
19G3064	LAKE COUNTY FARM BUREAU	8.125 32881	N/A	8.125 32881	N/A	TE-A-0.145 567 TE-B-0.015 61 TE-C-0.005 19 200 sf	TEMPORARY CONSTRUCT.	06-25-400-021 06-25-400-016 06-25-400-025 06-25-400-014	

1/22/2009	COMBINED PARCEL 3095 WITH 3064	TLW
1/7/2009	CHANGED PIN TO PARCEL 3095	TLW
2/27/2008	CHANGED PREFIX TO 19G	JMH
2-20-08	REVISIONS TO PARCEL 0076	TLW
REVISION DATE 2-18-08	REVISION COMBINE PARCELS 0076 & 0077	MADE BY TLW

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 344 (U.S. 45)

SECTION LAKE COUNTY  
PROJECT JOB NO. R91-019-91  
STATION 33+750 TO STATION 33+900  
SCALE: 1:500 SHEET 33 OF 39

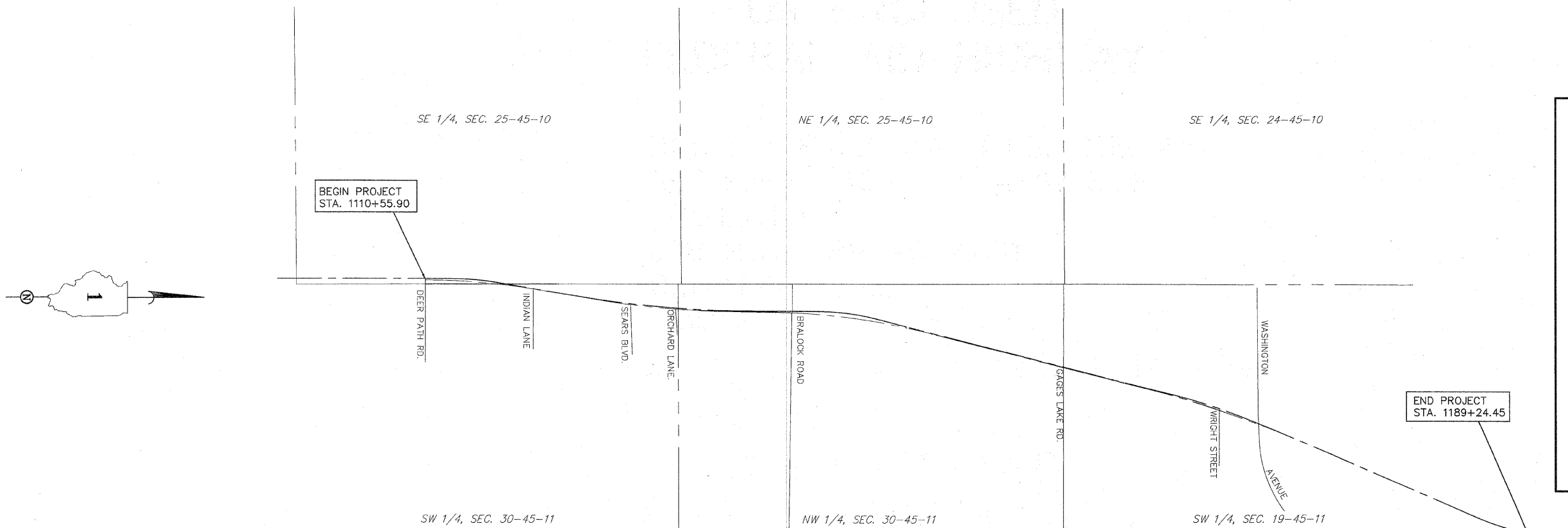
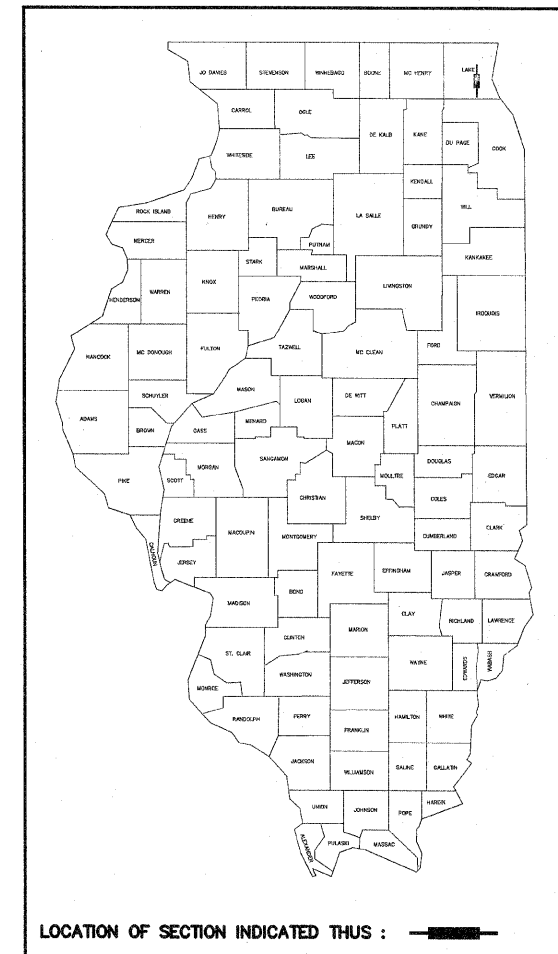
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196



# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION RIGHT OF WAY PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	46-IS & 47)WRS-2	LAKE	16	1
F.H.W.A. REG.	ILLINOIS PROJECT			

ROUTE : F.A.P. 344 (U.S. RTE. 45)  
SECTION : (46-IS & 47)WRS-2  
PROJECT NO. :  
JOB NO. : R91-022-01  
COUNTY : LAKE  
LIMITS



PROJECT LENGTH = 7868.55 L.F. = 1.49 MILES F.A.P. 344 (U.S. ROUTE 45)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED \_\_\_\_\_ 20 \_\_\_\_\_  
DISTRICT ENGINEER

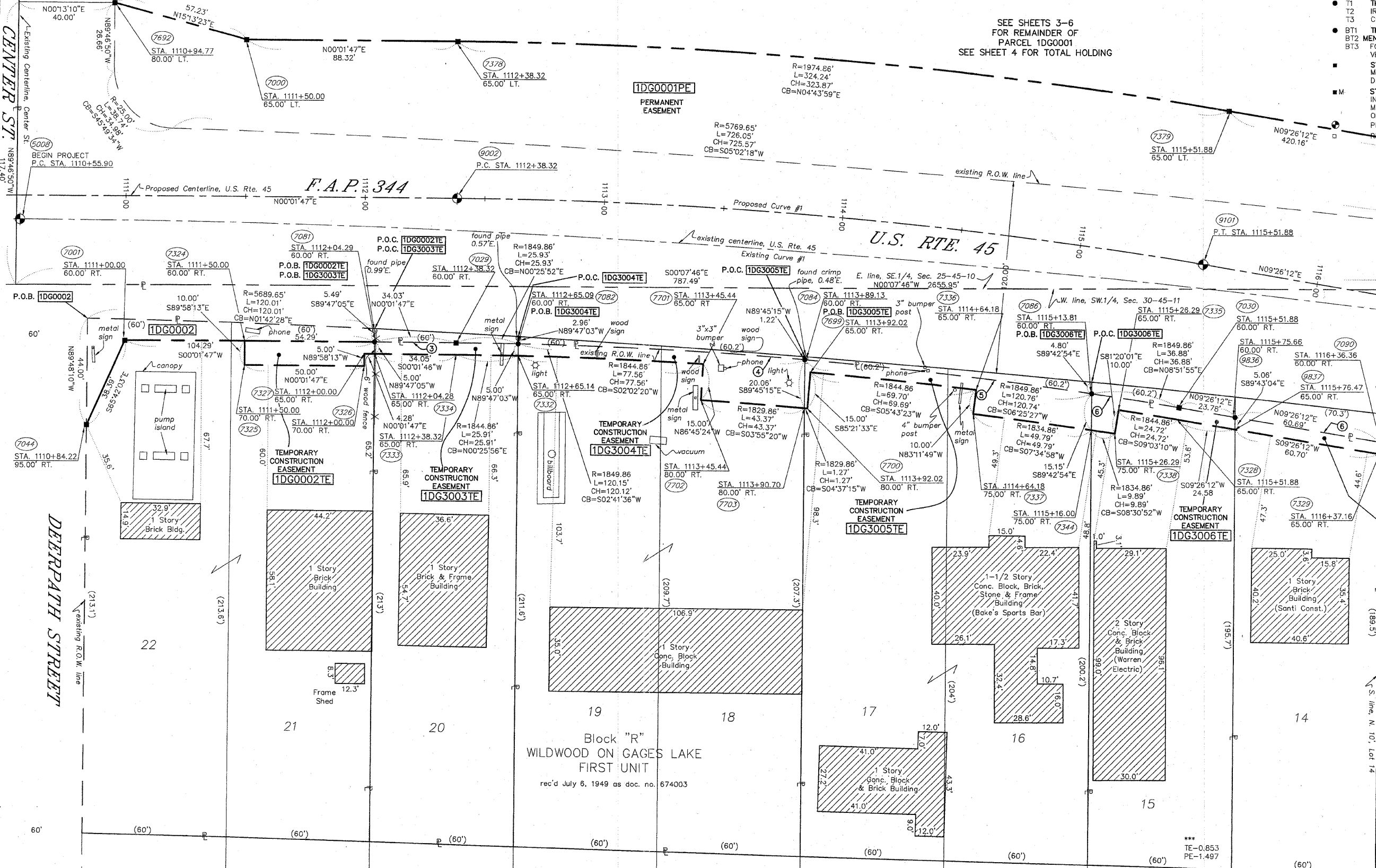
EXAMINED \_\_\_\_\_ 20 \_\_\_\_\_  
DISTRICT RIGHT OF WAY PLANS ENGINEER

PASSED \_\_\_\_\_ 20 \_\_\_\_\_  
DISTRICT LAND ACQUISITION ENGINEER

REVIEWED \_\_\_\_\_ 20 \_\_\_\_\_  
CENTRAL BUREAU RIGHT OF WAY PLANS ENGINEER

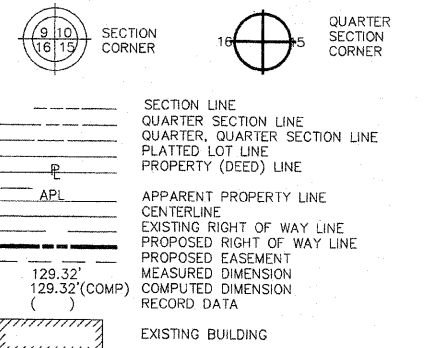
APPROVED \_\_\_\_\_ 20 \_\_\_\_\_  
ENGINEER OF LAND ACQUISITION

PART OF THE SE.1/4 OF SEC. 25, T.45N., R.10E. & PART OF THE SW.1/4 OF SEC. 30, T.45N., R.11E., OF THE 3rd. P.M., IN LAKE CO., ILLINOIS.

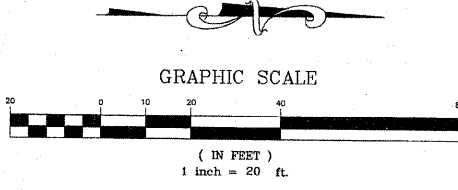


- IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

LEGEND



CURVE DATA TABLE		CURVE DATA TABLE	
Existing Curve No. 1		Proposed Curve No. 1	
Δ	09°24'45"	Δ	09°24'25"
D	01°11'55"	D	03°00'00"
T	363.53'	T	157.14'
L	785.29'	L	313.56'
R	4780.20'	R	1909.86'
E	16.17'	E	6.45'
P.C. STA.	1110+55.90	P.C. STA.	1112+38.32
P.T. STA.	1118+41.19	P.T. STA.	1115+51.88
P.I. STA.	1114+49.43	P.I. STA.	1113+95.46



NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

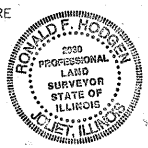
**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
 2174 ONEDA STREET, SUITE 170, JOLIET, ILLINOIS 60438  
 PH. (815) 744-6600 FAX (815) 744-0101

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 344 (U.S. RTE. 45)  
 SECTION (46-1S & 47)WRS-2 LAKE COUNTY  
 PROJECT JOB NO. R91-022-01  
 STATION 1110+55 TO STATION 1116+50  
 SCALE: 1" = 20' SHEET 2 OF 16

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DEED ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1DG0001	LAKE COUNTY FOREST PRESERVE DISTRICT	160.166	N/A	160.166	N/A	***	DRIVEWAY CONSTR.	**	
1DG0002	33191 U.S. HWY. 45, INC.	0.587	0.027	0.560	N/A	0.012	GRADING	07-30-309-009 07-30-309-010	
1DG3003	BRIAN & SUSAN DEYOUNG	0.286	N/A	0.286	N/A	0.007 300 s.f.	GRADING	07-30-309-023	
1DG3004	MIKE'S BUBBLES & SUDS, LLC	0.572	N/A	0.572	N/A	0.029	GRADING	07-30-309-025 07-30-309-026	
1DG3005	RICHARD & JACQUELINE BAKER	0.554	N/A	0.554	N/A	0.026	GRADING	07-30-309-031 07-30-309-032	
1DG3006	KIERAN E. KIRBY AND SUSAN C. KIRBY	0.263	N/A	0.263	N/A	0.009/410 s.f.	GRADING	07-30-309-029	
1DG0054	LOIS A. SHADRON, TRUSTEE OF THE LOIS A. SHADRON REVOCABLE TRUST	0.252	N/A	0.252	N/A	0.007/303 s.f.	GRADING	07-30-309-030	

STATE OF ILLINOIS }  
 COUNTY OF WILL } SS  
 THIS IS TO CERTIFY THAT RUETTIGER, TONELLI AND ASSOCIATES, AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 25, TOWNSHIP 45 NORTH, RANGE 10 EAST AND SECTION 30, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
 DATED AT JOLIET, ILLINOIS THIS 14th DAY OF February 2009 A.D.  
 RONALD F. HODGEN P.L.S. NO. 2630  
 MY LICENSE EXPIRES NOVEMBER 30, 2010



EXISTING R.O.W. RECORDING INFORMATION

③	DOC. NO. 4850562
④	DOC. NO. 4850564
⑤	DOC. NO. 5029305
⑥	DOC. NO. 5003454

\*\* 06-25-400-009  
 07-30-301-001  
 07-30-301-002  
 07-30-100-009  
 06-25-401-001  
 06-25-401-002  
 06-25-200-009

REVISION DATE	2-17-09	REVISION REVISED	0001 TAKE INTO PE	MADE BY	TLW
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RECEIVED  
 FEB 17 2009  
 PLATS & LEGALS

PART OF THE SE.1/4 OF SEC. 25, T.45N., R.10E. & PART OF THE SW.1/4 OF SEC. 30, T.45N., R.11E., OF THE 3rd P.M., IN LAKE COUNTY, ILLINOIS.

TOTAL SHEETS NO. 234 SHEET NO. 66

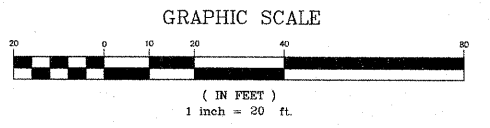
PHILLIPS' SUBDIVISION  
rec'd September 25, 1959 as doc. no. 1046393

SEE SHEETS 2,4,5 & 6 FOR  
REMAINDER OF 1DG0001  
SEE SHEET 4 FOR  
TOTAL HOLDING DIAGRAM

- IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION
- + CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

TOTAL SHEETS NO. 234 SHEET NO. 66

- LEGEND**
- SECTION CORNER
  - QUARTER SECTION CORNER
  - SECTION LINE
  - - - QUARTER SECTION LINE
  - - - QUARTER SECTION LINE
  - - - PLATTED LOT LINE
  - - - PROPERTY (DEED) LINE
  - - - API
  - - - APPARENT PROPERTY LINE
  - - - CENTERLINE
  - - - EXISTING RIGHT OF WAY LINE
  - - - PROPOSED RIGHT OF WAY LINE
  - - - PROPOSED EASEMENT
  - - - MEASURED DIMENSION
  - - - COMPUTED DIMENSION
  - - - RECORD DATA
  - ▨ EXISTING BUILDING



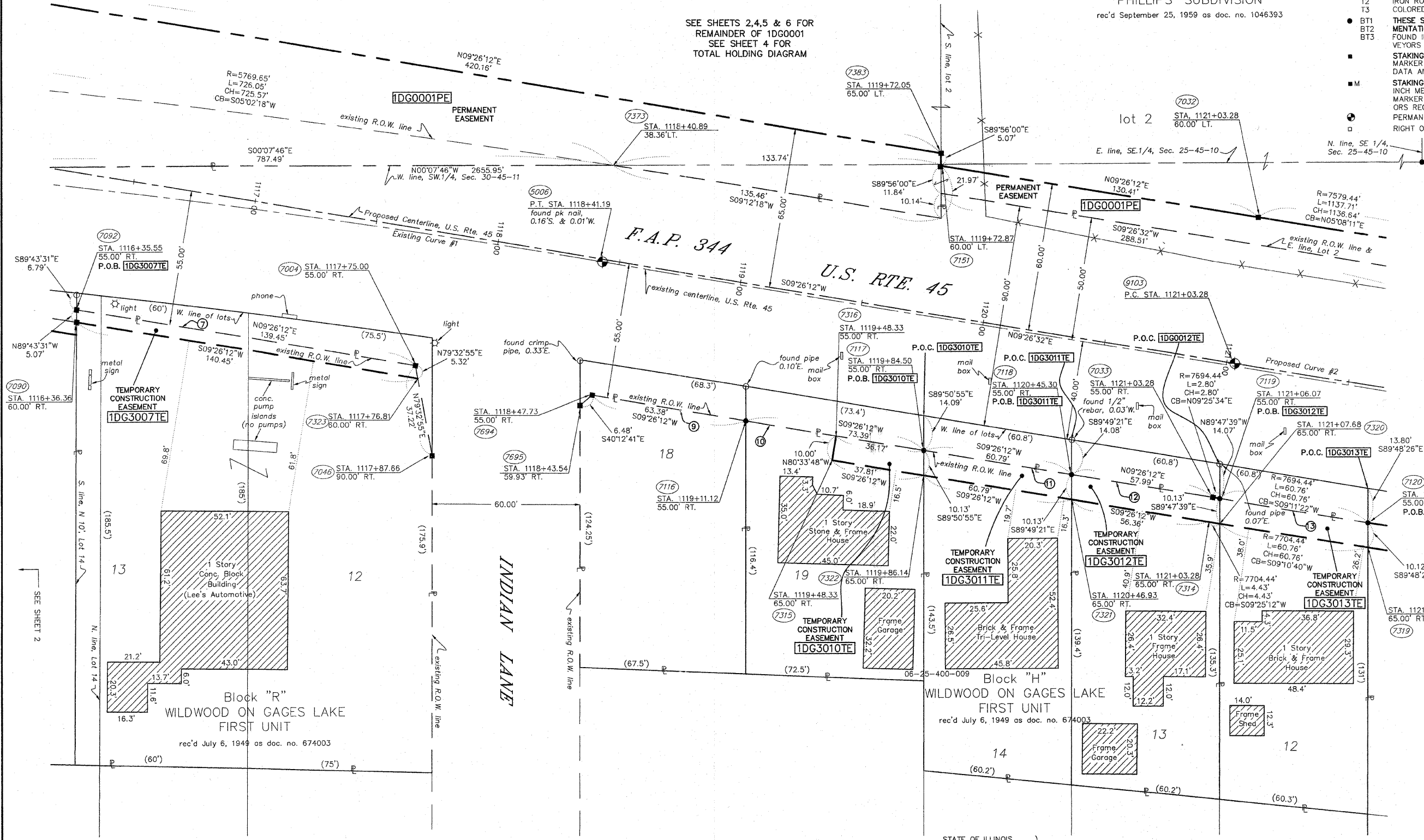
CURVE DATA TABLE		CURVE DATA TABLE	
Existing Curve No. 1		Proposed Curve No. 2	
Δ	09°24'45"	Δ	09°14'29"
D	01°11'55"	D	07°45'00"
T	393.53'	T	617.43'
L	785.29'	L	1232.18'
R	4780.20'	R	7639.44'
E	16.17'	E	24.91'
P.C. STA.	1110+55.90	P.C. STA.	1121+03.28
P.T. STA.	1118+41.19	P.T. STA.	1133+35.46
P.I. STA.	1114+49.43	P.I. STA.	1127+20.71

NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
2174 OSKIDA STREET, SUITE 170, JOLIET, ILLINOIS 60435  
PH. (815) 744-6600 FAX (815) 744-0101

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 344 (U.S. RTE. 45)  
SECTION (46-1S & 47)WRS-2 LAKE COUNTY  
PROJECT JOB NO. R91-022-01  
STATION 1116+50 TO STATION 1121+67  
SCALE: 1" = 20' SHEET 3 OF 16

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DEED ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1DG0001	LAKE COUNTY FOREST PRESERVE DISTRICT	160.166	N/A	160.166	N/A	TE-0.853 PE-1.497	DRIVEWAY CONSTR.	06-25-400-009 07-30-301-001 07-30-301-002 07-30-100-009 06-25-401-001 06-25-401-002 06-25-200-009	
1DG3007	KIRBYSHADRON, LLC	0.574	N/A	0.574	N/A	0.016	GRADING	07-30-309-034	
1DG3010	DAVID E. & ESTRELLA OHREN	0.163	N/A	0.163	N/A	0.008 370 s.f.	GRADING	07-30-303-030	
1DG3011	KATHLEEN SANDERS	0.176	N/A	0.176	N/A	0.014	GRADING	07-30-303-026	
1DG3012	DANIEL L. & HALEY KAVVADAS	0.170	N/A	0.170	N/A	0.014	GRADING	07-30-303-022	
1DG3013	CHARLES B. & VIOLET M. TURCHION	0.165	N/A	0.165	N/A	0.014	GRADING	07-30-303-028	

EXISTING R.O.W. RECORDING INFORMATION

- ⑦ CASE NO. 02ED55
- ⑨ DOC. NO. 5184880
- ⑩ DOC. NO. 4980169
- ⑪ DOC. NO. 4931556
- ⑫ DOC. NO. 4841848
- ⑬ DOC. NO. 4952755

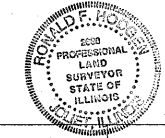
STATE OF ILLINOIS }  
COUNTY OF WILL }SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI AND ASSOCIATES, AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 25, TOWNSHIP 45 NORTH, RANGE 10 EAST AND SECTION 30, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 31 DAY OF MARCH, 2009 A.D.

RONALD F. HODGEN P.L.S. NO. 2630  
MY LICENSE EXPIRES NOVEMBER 30, 2010

SCANNED



RECEIVED  
APR 01 2009  
PLATS & LEGALS

REVISION DATE	REVISION	REVISION	REVISION
3-31-09	OWNER PARCEL 0007		TLW
2-17-09	REVISION REVMSED 0001 TAKE TO PE		MADE BY TLW

PART OF THE SW.1/4 OF SEC. 30, T.45N., R.11E., OF THE 3rd P.M., IN LAKE COUNTY, ILLINOIS

PHILLIPS' SUBDIVISION  
rec'd September 25, 1959 as doc. no. 1046393

SEE SHEETS 2,3,5 & 6 FOR  
REMAINDER OF 1DG0001  
SEE BELOW FOR  
TOTAL HOLDING DIAGRAM

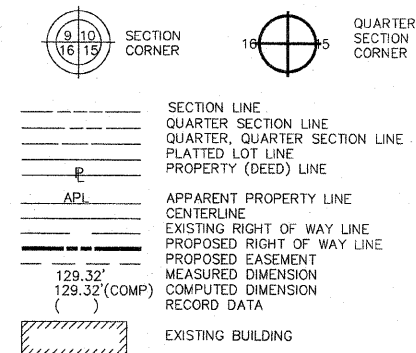
CURVE DATA TABLE

Existing Curve No. 2	
Δ	08°19'39"
D	00°59'21"
L	421.65'
R	841.82'
E	5791.88'
P.C. STA.	1122+50.05
P.T. STA.	1130+91.86
P.I. STA.	1126+71.67

CURVE DATA TABLE

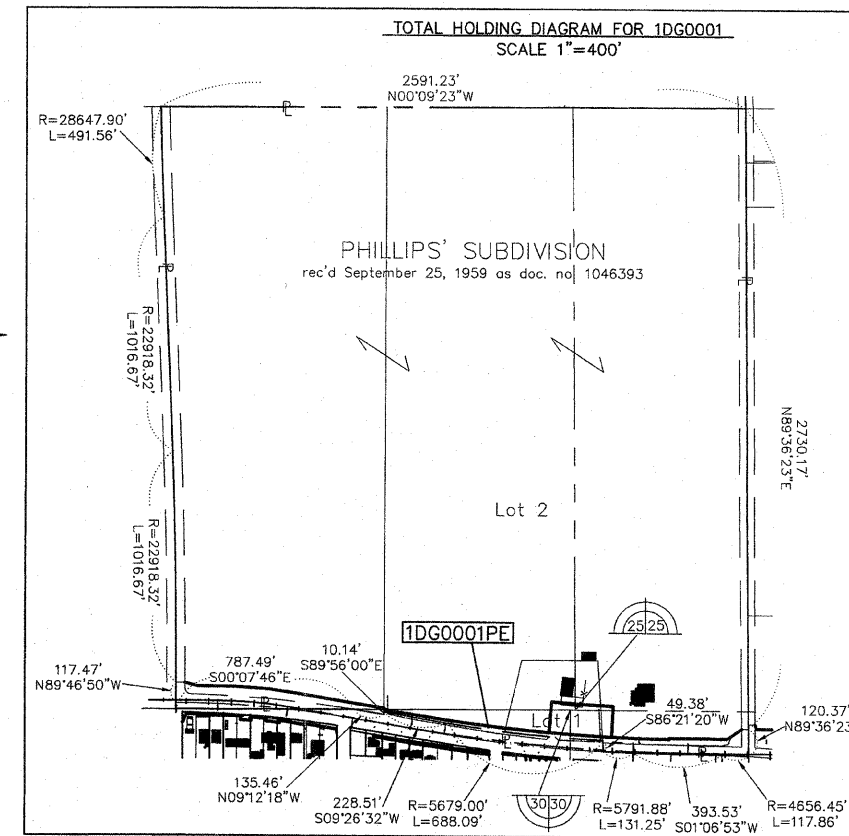
Proposed Curve No. 2	
Δ	09°14'29"
D	00°45'00"
L	617.43'
R	1232.18'
E	7639.44'
P.C. STA.	1121+03.28
P.T. STA.	1133+35.46
P.I. STA.	1127+20.71

LEGEND



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
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- BT2
- BT3
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- RIGHT OF WAY STAKING PROPOSED TO BE SET.

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1DG0001	LAKE COUNTY FOREST PRESERVE DISTRICT	160.166	N/A	160.166	N/A	TE-0.853 PE-1.497	DRIVEWAY CONSTR.	06-25-400-009 07-30-301-001 07-30-301-002 07-30-100-009 06-25-401-001 06-25-401-002 06-25-200-009	
1DG0014	SUSAN O'NEIL & DIANE CRANE, AS TENANTS IN COMMON	0.573	0.038	0.535	N/A	0.030	GRADING	07-30-303-003 07-30-303-004 07-30-303-013	
1DG3015	JOSE REFUGIO & MARCO MORALES	0.175	N/A	0.175	N/A	0.016	GRADING	07-30-303-024	
1DG0016	ROSE MARIE SHAVER TRUST	0.525	0.021	0.504	N/A	0.022	GRADING	07-30-303-020	



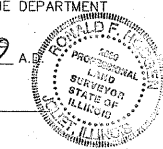
RECEIVED  
APR 01 2009  
PLANS & LEGALS

STATE OF ILLINOIS }  
COUNTY OF WILL }SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI AND ASSOCIATES, AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 30, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS

DATED AT JOLIET, ILLINOIS THIS 31<sup>st</sup> DAY OF March 2009 A.S.

RONALD F. HODGEN P.L.S. NO. 2630  
MY LICENSE EXPIRES NOVEMBER 30, 2010



NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
2174 ONEDA STREET, SUITE 170, 2803 SOUTH WASHINGTON STREET, SUITE 170  
JOLIET, ILLINOIS 62453 LAKE COUNTY, ILLINOIS 60565  
PH. (815) 744-8600 FAX (815) 744-0101 PH. (630) 450-7740 FAX (630) 450-7741

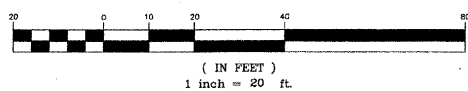
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 344 (U.S. RTE. 45)  
SECTION (46-IS & 47)WRS-2 LAKE COUNTY  
PROJECT JOB NO. R91-022-01  
STATION 1121.60 TO STATION 1125+00  
SCALE: 1" = 20' SHEET 4 OF 16

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

REVISION DATE	REVISION	MADE BY
3-31-09	REVISED OWNER PARCEL 0014	TLW
2-17-09	REVISION REVISED 0001 TAKE INTO PE	TLW

EXISTING R.O.W. RECORDING INFORMATION  
DOC. NO. 4945483

GRAPHIC SCALE



SCANNED

SEE SHEET 3

SEE SHEET 5

Block "H"  
WILDWOOD ON LAGES LAKE  
FIRST UNIT  
rec'd July 6, 1949 as doc. no. 674003

SUNSET AVENUE

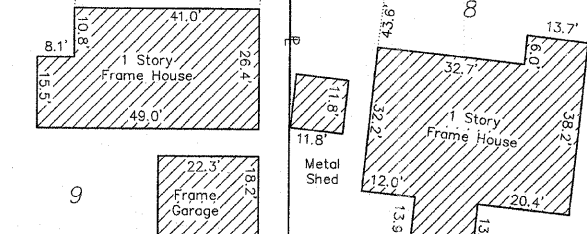
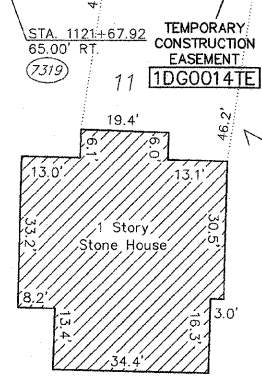
SEARS BOULEVARD

F.A.P. 344  
U.S. RTE. 45

Lot 2

Lot 2

Lot 1



1 Story Stone House

1 Story Frame House

1 Story Frame House

Metal Shed

Temporary Construction Easement

Temporary Construction Easement

Temporary Construction Easement

Permanent Easement

Permanent Easement

Permanent Easement

Proposed Centerline, U.S. Rte. 45

Proposed Centerline, U.S. Rte. 45

Proposed Centerline, U.S. Rte. 45

Existing R.O.W. line

Existing R.O.W. line

Existing R.O.W. line

Proposed Right of Way Line

Proposed Right of Way Line

Proposed Right of Way Line

Property (Deed) Line

Property (Deed) Line

Property (Deed) Line

Apparent Property Line

Apparent Property Line

Apparent Property Line

Centerline

Centerline

Centerline

Existing Right of Way Line

Existing Right of Way Line

Existing Right of Way Line

Proposed Easement

Proposed Easement

Proposed Easement

Measured Dimension

Measured Dimension

Measured Dimension

Computed Dimension

Computed Dimension

Computed Dimension

Record Data

Record Data

Record Data

Existing Building

Existing Building

Existing Building

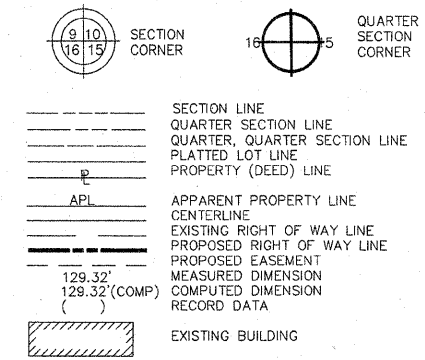




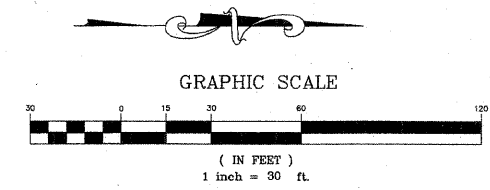


PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1DG0001	LAKE COUNTY FOREST PRESERVE DISTRICT	160.166	N/A	160.166	N/A	TE-0.853 PE-1.497	DRIVEWAY CONSTR.	06-25-400-009 07-30-301-001 07-30-301-002 07-30-100-009 06-25-401-001 06-25-401-002 06-25-200-009	
1DG3024	EDWARD & PAULINE BRADAC	2.683	N/A	2.683	N/A	0.029	GRADING	07-30-100-025	
1DG3025	CHRISTOPHER WESSELS, AS TRUSTEE TR. NO. 360	5.345	N/A	5.345	N/A	0.006 260 s.f.	GRADING	07-30-100-031	
1DG3026	BEVERLY H. KAUTZ TRUST	6.811	N/A	6.811	N/A	0.008 350 s.f.	GRADING	07-30-100-034	
1DG3027	RICHARD J. & JENNIFER M. GAPINSKI	5.497	N/A	5.497	N/A	0.012	GRADING	07-30-100-027	

LEGEND



- O IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- REPLACED AFTER CONSTRUCTION
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS }  
COUNTY OF WILL }  
THIS IS TO CERTIFY THAT RUETTIGER, TONELLI AND ASSOCIATES, AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 30, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 17th DAY OF FEBRUARY 2009 A.D.  
Ronald F. Hodgen  
RONALD F. HODGEN P.L.S. NO. 2630  
M.Y. LICENSE EXPIRES NOVEMBER 30, 2010



NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
2174 ONIDA STREET SUITE 170 HURONVILLE, ILLINOIS 62526  
PH. (618) 744-6600 FAX (618) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741

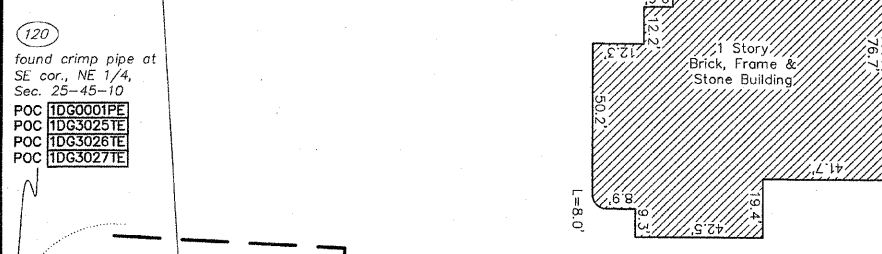
- EXISTING R.O.W. RECORDING INFORMATION
- 24 DOC. NO. 5003456
  - 25 DOC. NO. 5137075
  - 26 CIRCUIT COURT CASE NO. 02ED63
  - 27 DOC. NO. 4954859

RECEIVED  
FEB 17 2009  
PLATS & LEGALS

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 344 (U.S. RTE. 45)  
SECTION (46-IS & 47)WRS-2 LAKE COUNTY PROJECT  
JOB NO. R91-022-01  
STATION 1129+50 TO STATION 1136+10  
SCALE: 1" = 30' SHEET 6 OF 16

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

CURVE DATA TABLE		CURVE DATA TABLE		CURVE DATA TABLE	
Proposed Curve No. 2		Existing Curve No. 2		Existing Curve No. 3	
Δ	09°14'29"	Δ	08°19'39"	Δ	13°27'30"
D	00°45'00"	D	00°59'21"	D	01°13'50"
T	617.43'	T	421.65'	T	549.41'
L	1232.18'	L	841.82'	L	1093.76'
R	7639.44'	R	5791.88'	R	4656.45'
E	24.31'	E	15.33'	E	32.30'
P.C. STA.	1121+03.28	P.C. STA.	1122+50.05	P.C. STA.	1134+85.39
P.T. STA.	1133+35.46	P.T. STA.	1130+91.86	P.T. STA.	1145+79.16
P.I. STA.	1127+20.71	P.I. STA.	1126+71.67	P.I. STA.	1140+34.80



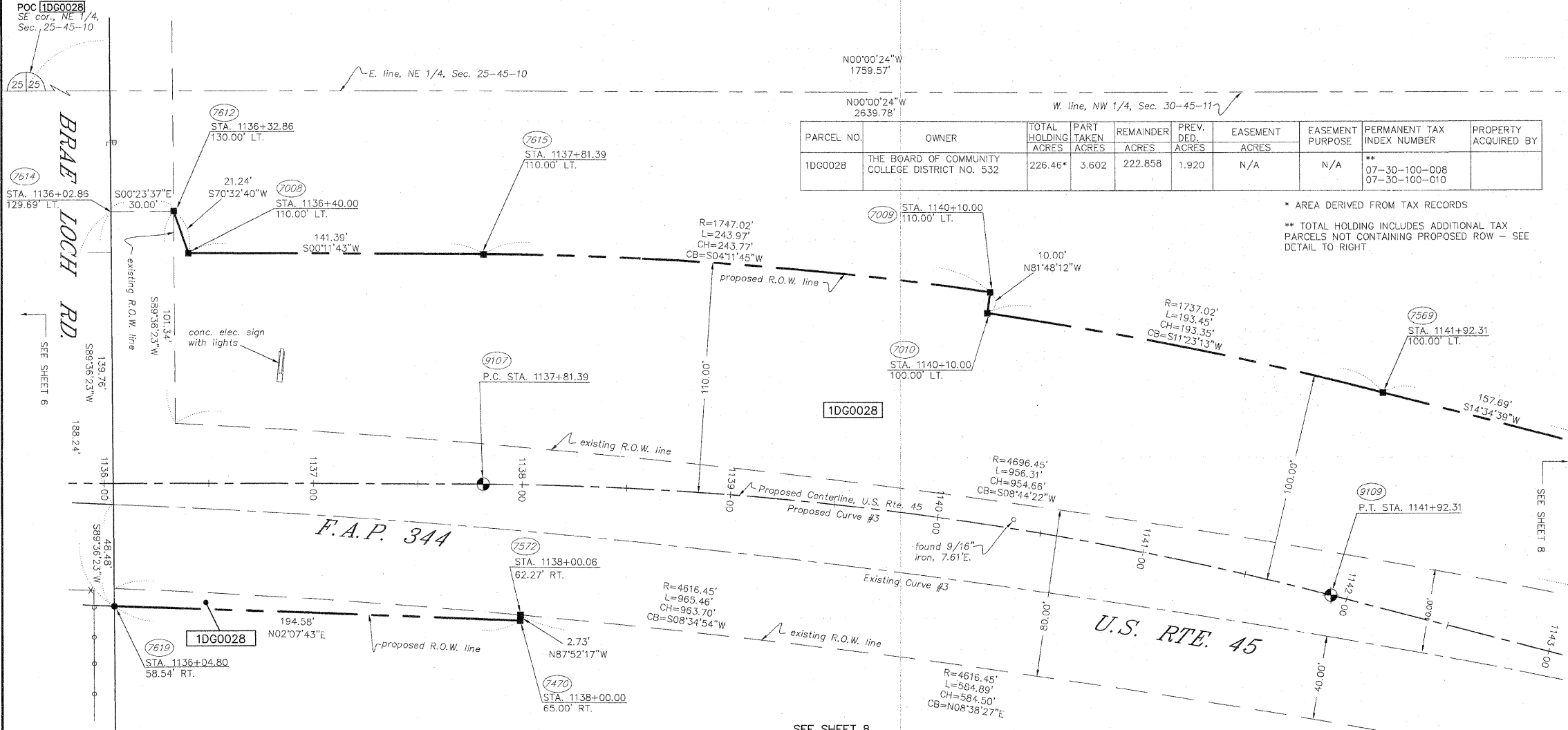
found crimp pipe at SE cor., NE 1/4, Sec. 28-45-10  
POC 1DG0001PE  
POC 1DG3025TE  
POC 1DG3028TE  
POC 1DG3027TE

SEE SHEETS 2-5 FOR REMAINDER OF 1DG0001 SEE SHEET 4 FOR TOTAL HOLDING.

SEE SHEET 5 FOR 1DG0001TE

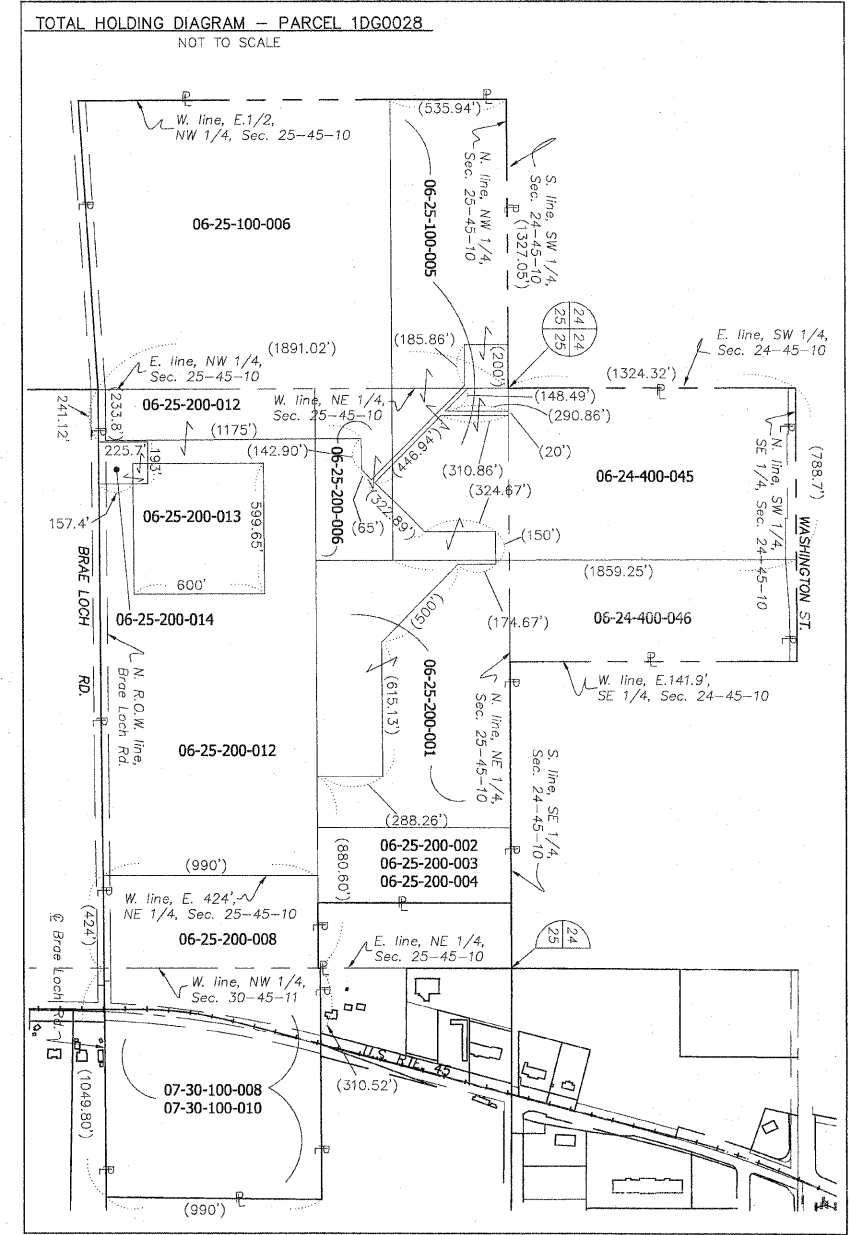
SEE SHEET 7

PART OF THE NW 1/4 OF SEC. 30, T.45N., R.11E., OF THE 3rd P.M., IN LAKE COUNTY, ILLINOIS



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1DG0028	THE BOARD OF COMMUNITY COLLEGE DISTRICT NO. 532	226.46*	3.602	222.858	1.920	N/A	N/A	** 07-30-100-008 07-30-100-010	

\* AREA DERIVED FROM TAX RECORDS  
 \*\* TOTAL HOLDING INCLUDES ADDITIONAL TAX PARCELS NOT CONTAINING PROPOSED ROW - SEE DETAIL TO RIGHT

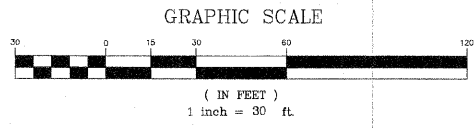
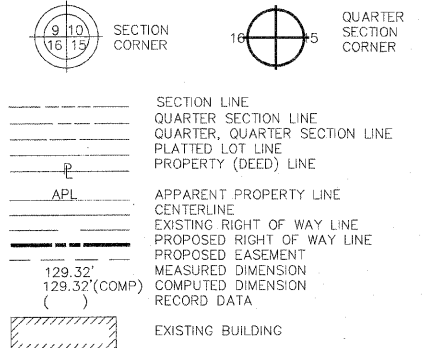


F.A.P. 344

U.S. RTE. 45

SEE SHEET 8 FOR REMAINDER OF PARCEL 1DG0028

LEGEND



- IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

Existing Curve No. 3	
Δ	13'27'30"
D	01'13'50"
T	549.41'
L	1093.76'
R	4656.45'
E	32.30'
P.C. STA.	1134+85.39
P.T. STA.	1143+79.16
P.I. STA.	1140+34.80

Proposed Curve No. 3	
Δ	14'22'56"
D	03'30'00"
T	206.55'
L	410.92'
R	1637.02'
E	12.98'
P.C. STA.	1137+81.39
P.T. STA.	1141+92.31
P.I. STA.	1139+87.94

STATE OF ILLINOIS }  
 COUNTY OF WILL }

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI AND ASSOCIATES, AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 30, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 17th DAY OF July 2008  
 RONALD F. HODGEN P.L.S. NO. 2630  
 MY LICENSE EXPIRES NOVEMBER 30, 2008



NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants

2174 CEDRA STREET, SUITE ILLINOIS 60435, NAPERVILLE, ILLINOIS 60563  
 PH. (815) 744-6600 FAX (815) 744-0121 PH. (630) 420-7740 FAX (630) 420-7741

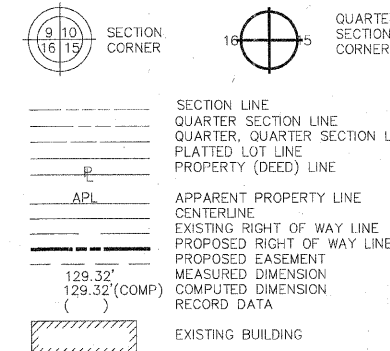
**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 344 (U.S. RTE. 45)  
 SECTION (46-1S & 47)WRS-2 LAKE COUNTY  
 PROJECT JOB NO. R91-022-01  
 STATION 1136+00 TO STATION 1143+00  
 SCALE: 1" = 30' SHEET 7 OF 16

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

REVISION DATE	REVISION	MADE BY



LEGEND

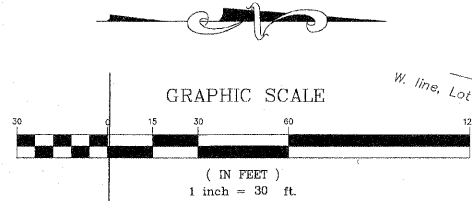


STATE OF ILLINOIS }  
 COUNTY OF WILL }SS

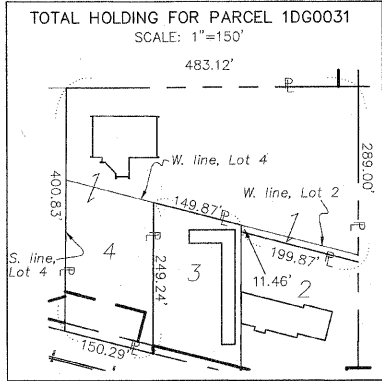
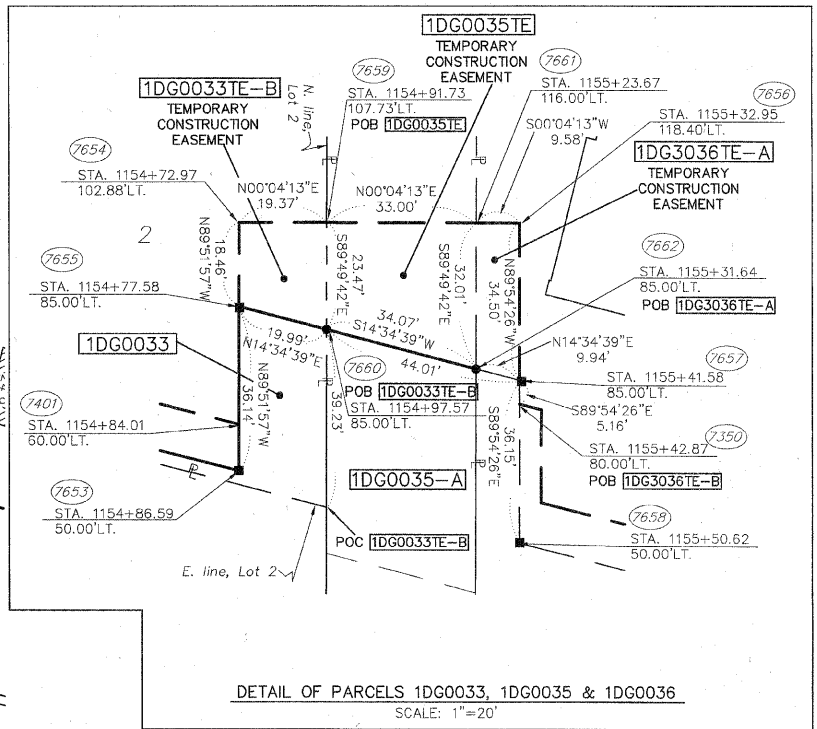
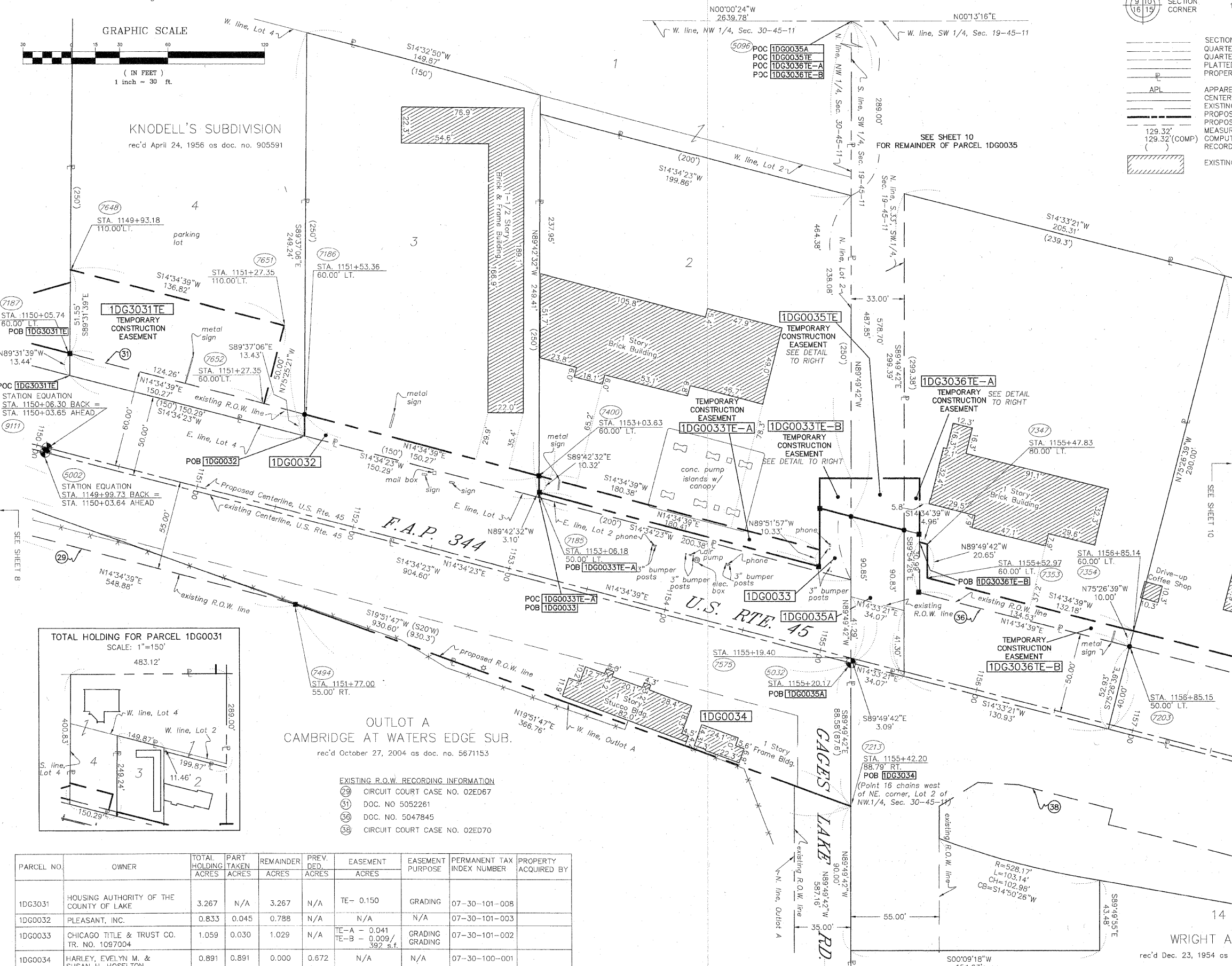
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DATED AT JOLIET, ILLINOIS THIS 17th DAY OF JULY 2008 A.D.

RONALD F. HODGEN P.L.S. NO. 2630  
 MY LICENSE EXPIRES NOVEMBER 30, 2008



KNODELL'S SUBDIVISION  
 rec'd April 24, 1956 as doc. no. 905591



OUTLOT A  
 CAMBRIDGE AT WATERS EDGE SUB.  
 rec'd October 27, 2004 as doc. no. 5671153

- EXISTING R.O.W. RECORDING INFORMATION
- (29) CIRCUIT COURT CASE NO. 02ED67
  - (31) DOC. NO. 5052261
  - (36) DOC. NO. 5047845
  - (38) CIRCUIT COURT CASE NO. 02ED70

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DEED ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1DG0031	HOUSING AUTHORITY OF THE COUNTY OF LAKE	3.267	N/A	3.267	N/A	TE-0.150	GRADING	07-30-101-008	
1DG0032	PLEASANT, INC.	0.833	0.045	0.788	N/A	N/A	N/A	07-30-101-003	
1DG0033	CHICAGO TITLE & TRUST CO. TR. NO. 1097004	1.059	0.030	1.029	N/A	TE-A - 0.041 TE-B - 0.009/ 392 s.f.	GRADING GRADING	07-30-101-002	
1DG0034	HARLEY, EVELYN M. & SUSAN H. HOSELTON	0.891	0.891	0.000	0.672	N/A	N/A	07-30-100-001	
1DG0035	BAPA THIRD LAKE, LLC	14.228	A-0.069 B-0.719	13.440	A-0.031 B-0.441	TE-0.021	GRADING	07-19-300-013 07-19-300-045	
1DG0036	JOSEPH Z. GAJDA	0.944	N/A	0.944	N/A	TE-A - 0.007/ 305 s.f. TE-B - 0.033	GRADING GRADING	07-19-300-073	

NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
 2174 ONEIDA STREET, JOLIET, ILLINOIS 60435  
 PH. (815) 744-6600 FAX (815) 744-0101

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 344 (U.S. RTE. 45)  
 SECTION (46-IS & 47)WRS-2 LAKE COUNTY  
 PROJECT JOB R91-022-01  
 STATION 1150+00 TO STATION 1158+00  
 SCALE: 1" = 30' SHEET 9 OF 16

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

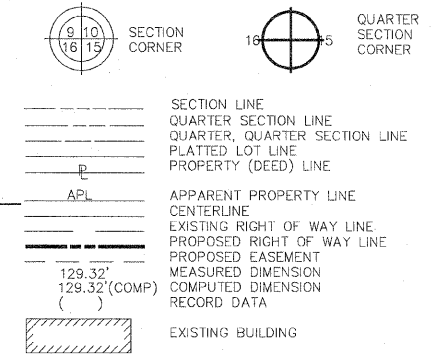
REVISION DATE	7/14/08	REVISION	TOTAL HOLDING OF 0031 & 0033 PER NEW TITLE	MADE BY	JMH
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WRIGHT ACRES  
 rec'd Dec. 23, 1954 as doc. no. 849488

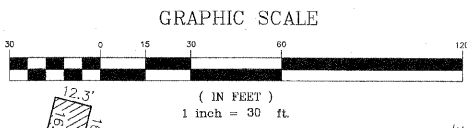


PART OF THE SW.1/4 OF SEC. 19, T.45N., R.11E., OF THE 3rd P.M., IN LAKE COUNTY, ILLINOIS

LEGEND



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1DG0035	BAPA THIRD LAKE, LLC	14.228	A-0.069 B-0.719	13.440	A-0.031 B-0.441	TE-0.021	TEMPORARY	07-19-300-013 07-19-300-045	
1DG3037	JOSEPH Z. GAJDA	0.735	N/A	0.735	N/A	0.031	GRADING	07-19-300-069	
1DG3040	WILLIAM & JOAN SAMSON	1.115	N/A	1.115	N/A	TE-A 0.001 25 s.f. TE-B 0.009 395 s.f.	GRADING	07-19-302-007	
1DG3041	GAGES PROPERTY GROUP, LLC	3.014	N/A	3.014	N/A	0.002 105 s.f.	GRADING	07-19-302-008 07-19-302-009 07-19-302-010	
1DG0055	JOSEPH A. & JAMES J. PASSALINO	3.405	N/A	3.405	N/A	0.023	GRADING	07-19-302-014	

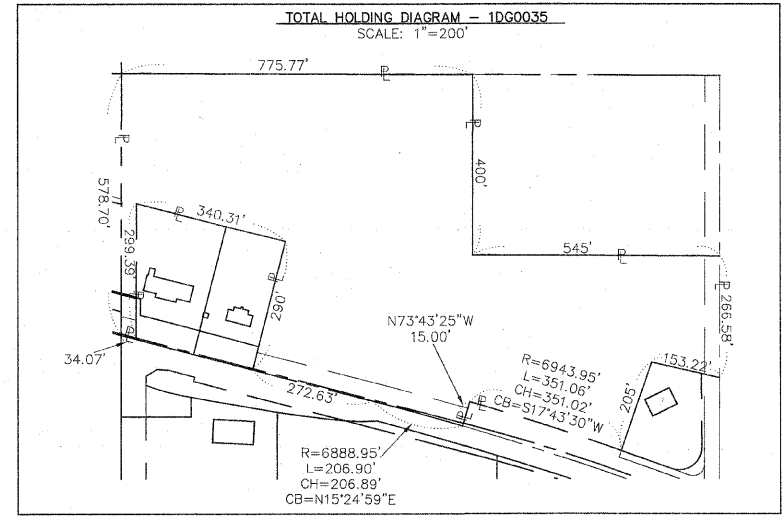


CURVE DATA TABLE  
Existing Curve No. 4

Δ	08°25'00"
D	00°49'54"
T	506.90'
L	1011.98'
R	6888.95'
E	18.62'
P.C. STA.	1160+93.10
P.T. STA.	1171+05.08
P.I. STA.	1166+100.00

CURVE DATA TABLE  
Proposed Curve No. 4

Δ	08°46'36"
D	01°30'00"
T	293.13'
L	585.11'
R	3819.72'
E	11.23'
P.C. STA.	1163+18.21
P.T. STA.	1169+03.32
P.I. STA.	1166+11.34



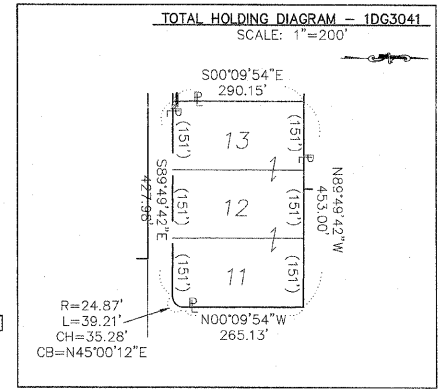
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- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS }  
COUNTY OF WILL }SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI AND ASSOCIATES, AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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MY LICENSE EXPIRES NOVEMBER 30, 2008

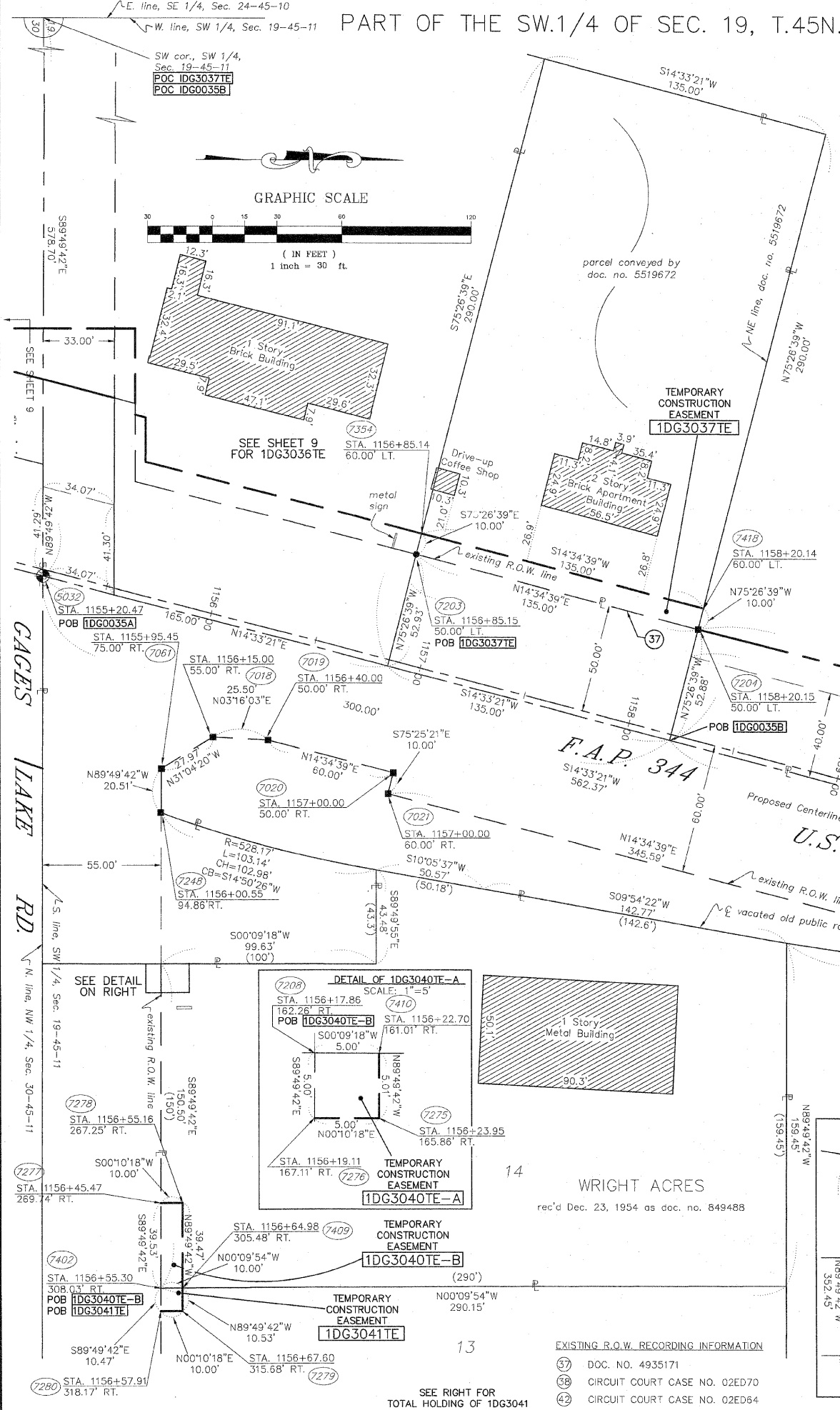


NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

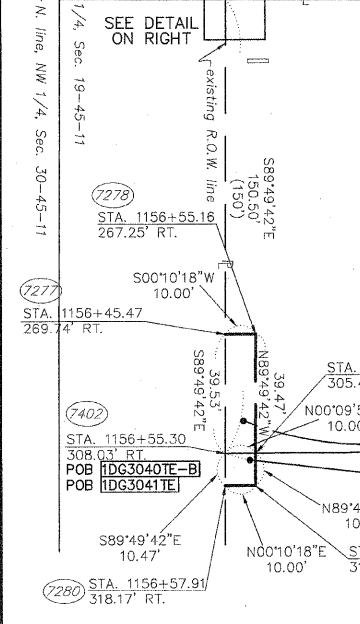
**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
2174 ONEDA STREET, SUITE 170, SCHMIDT ILLINOIS 60588  
PH. (815) 744-8800 FAX (815) 744-0101  
2803 SOUTH WASHINGTON STREET, SUITE 170, HAWKINSVILLE ILLINOIS 62556  
PH. (618) 420-7740 FAX (618) 420-7741

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 344 (U.S. RTE. 45)  
SECTION (46-1S & 47)WRS-2 LAKE COUNTY  
PROJECT JOB NO. R91-022-01  
STATION 1155+20 TO STATION 1164+00  
SCALE: 1" = 30' SHEET 10 OF 16

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196



GAGES LAKE RD. N. line, SW 1/4, Sec. 19-45-11



EXISTING R.O.W. RECORDING INFORMATION  
 ① DOC. NO. 4935171  
 ② CIRCUIT COURT CASE NO. 02ED70  
 ③ CIRCUIT COURT CASE NO. 02ED64

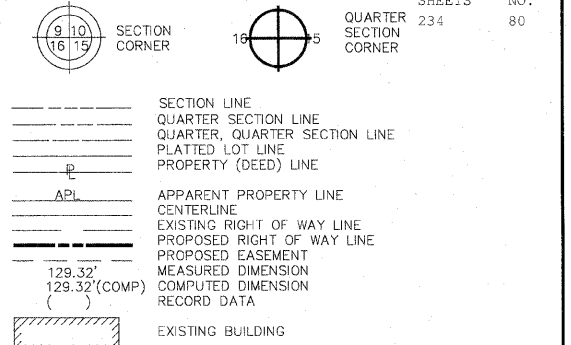
REVISION DATE	REVISION	MADE BY



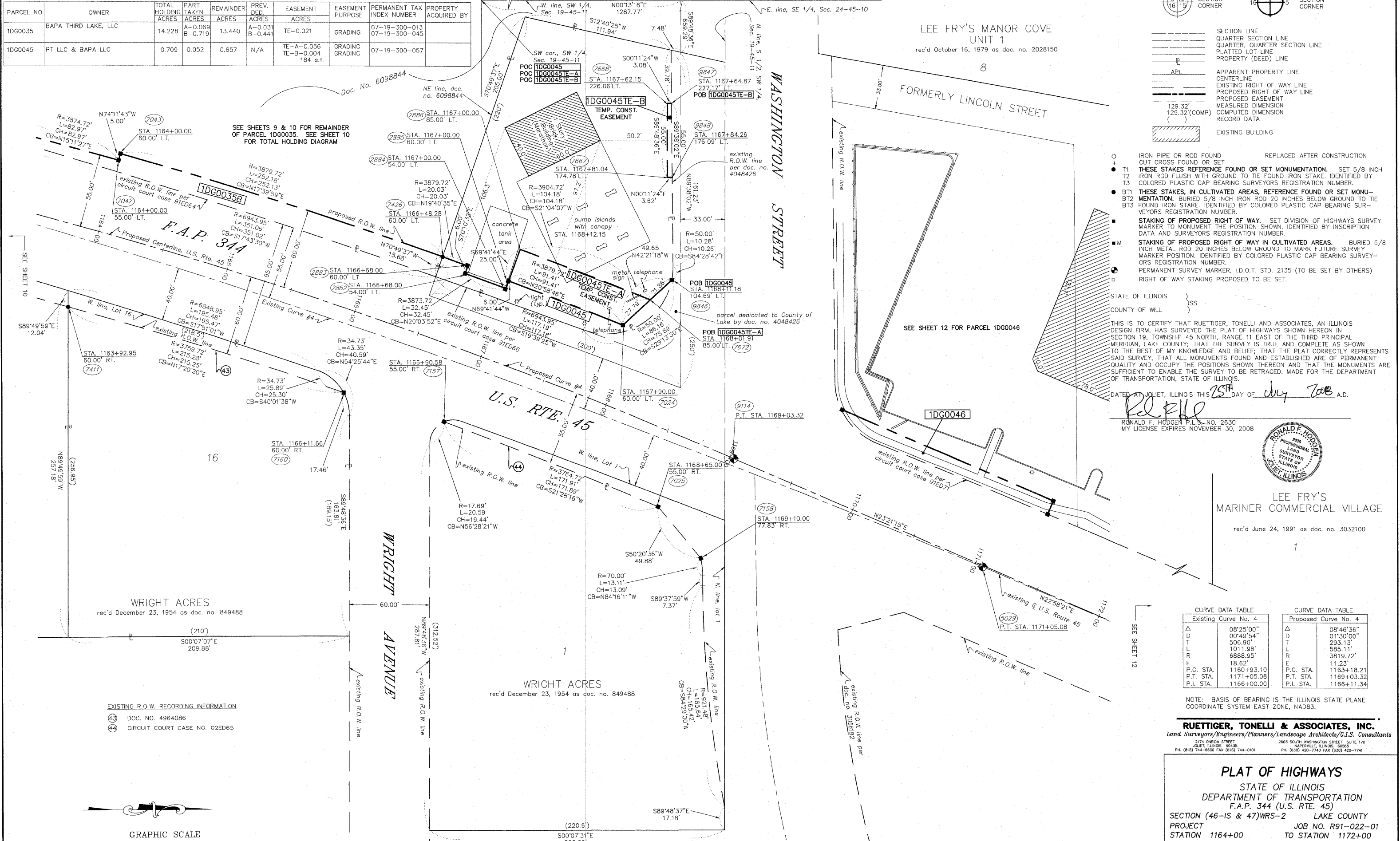
PART OF THE SW.1/4 OF SEC. 19, T.45N., R.11E., OF THE 3rd P.M., IN LAKE COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1DG0035	BAPA THIRD LAKE, LLC	14.228	A-0.089 B-0.719	13.440	A-0.031 B-0.441	TE-0.021	GRADING	07-19-300-013 07-19-300-045	
1DG0045	PT LLC & BAPA LLC	0.709	0.052	0.657	N/A	TE-A-0.056 TE-B-0.004 184 s.f.	GRADING	07-19-300-057	

LEGEND



TOTAL SHEETS 234  
SHEET NO. 80  
QUARTER SECTION CORNER



STATE OF ILLINOIS }  
COUNTY OF WILL }  
THIS IS TO CERTIFY THAT RUETTIGER, TONELLI AND ASSOCIATES, AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT JOLIET, ILLINOIS THIS 25<sup>TH</sup> DAY OF July 2008 A.D.  
RONALD F. HODGEN P.L.S. NO. 2630  
MY LICENSE EXPIRES NOVEMBER 30, 2008



LEE FRY'S MARINER COMMERCIAL VILLAGE  
rec'd June 24, 1991 as doc. no. 3032100

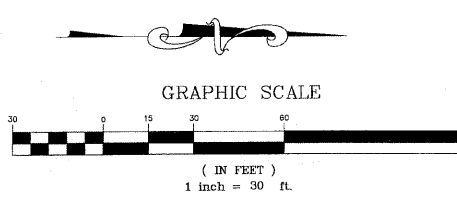
CURVE DATA TABLE		CURVE DATA TABLE	
Existing Curve No. 4		Proposed Curve No. 4	
Δ	08°25'00"	Δ	08°46'36"
D	00°49'54"	D	01°30'00"
T	508.90'	T	293.13'
L	1011.98'	L	585.11'
R	6888.95'	R	3819.72'
E	18.62'	E	11.23'
P.C. STA.	1160+93.10	P.C. STA.	1163+18.21
P.T. STA.	1171+05.08	P.T. STA.	1169+03.32
P.I. STA.	1166+00.00	P.I. STA.	1166+11.34

NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
2174 ONEIDA STREET JOLIET, ILLINOIS 60438  
PH. (815) 744-8600 FAX (815) 744-0101  
2603 SOUTH WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60563  
PH. (630) 420-7740 FAX (630) 420-7741

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 344 (U.S. RTE. 45)  
SECTION (46-IS & 47)WRS-2 LAKE COUNTY  
PROJECT JOB NO. R91-022-01  
STATION 1164+00 TO STATION 1172+00  
SCALE: 1" = 30' SHEET 11 OF 16

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196



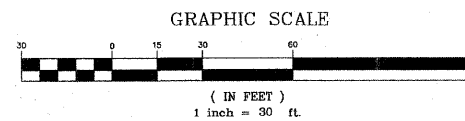
REVISION DATE	7-28-08	REVISION	PARCEL 0035 TABLE	MADE BY	TLW
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PART OF THE SW.1/4 OF SEC. 19, T.45N., R.11E., OF THE 3rd P.M., IN LAKE COUNTY, ILLINOIS

LEE FRY'S MANOR COVE  
UNIT 1  
rec'd October 16, 1979 as doc. no. 2028150

CURVE DATA TABLE  
Existing Curve No. 4

Δ	08°25'00"
D	00°49'54"
T	506.90'
L	1011.98'
R	6888.95'
E	18.62'
P.C. STA.	1160+93.10
P.T. STA.	1171+05.08
P.I. STA.	1166+00.00



LEGEND

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

TOTAL SHEETS 234  
SHEET NO. 81

WASHINGTON STREET

SEE SHEET 11

SEE SHEET 13

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
COUNTY OF WILL }SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI AND ASSOCIATES, AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 31<sup>st</sup> DAY OF March 2009 A.D.

*Rue*  
RONALD F. HODGEN, P.L.S. NO. 2630  
MY LICENSE EXPIRES NOVEMBER 30, 2010



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1DG0046	STERGIOU FAMILY LIMITED PARTNERSHIP	2.231	0.043	2.188	N/A	N/A	N/A	07-19-300-065 07-19-300-051 07-19-300-047	
1DG3049	ANCHOR BANK	1.880	0.000	1.880	N/A	0.027	GRADING	07-19-303-033	

NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

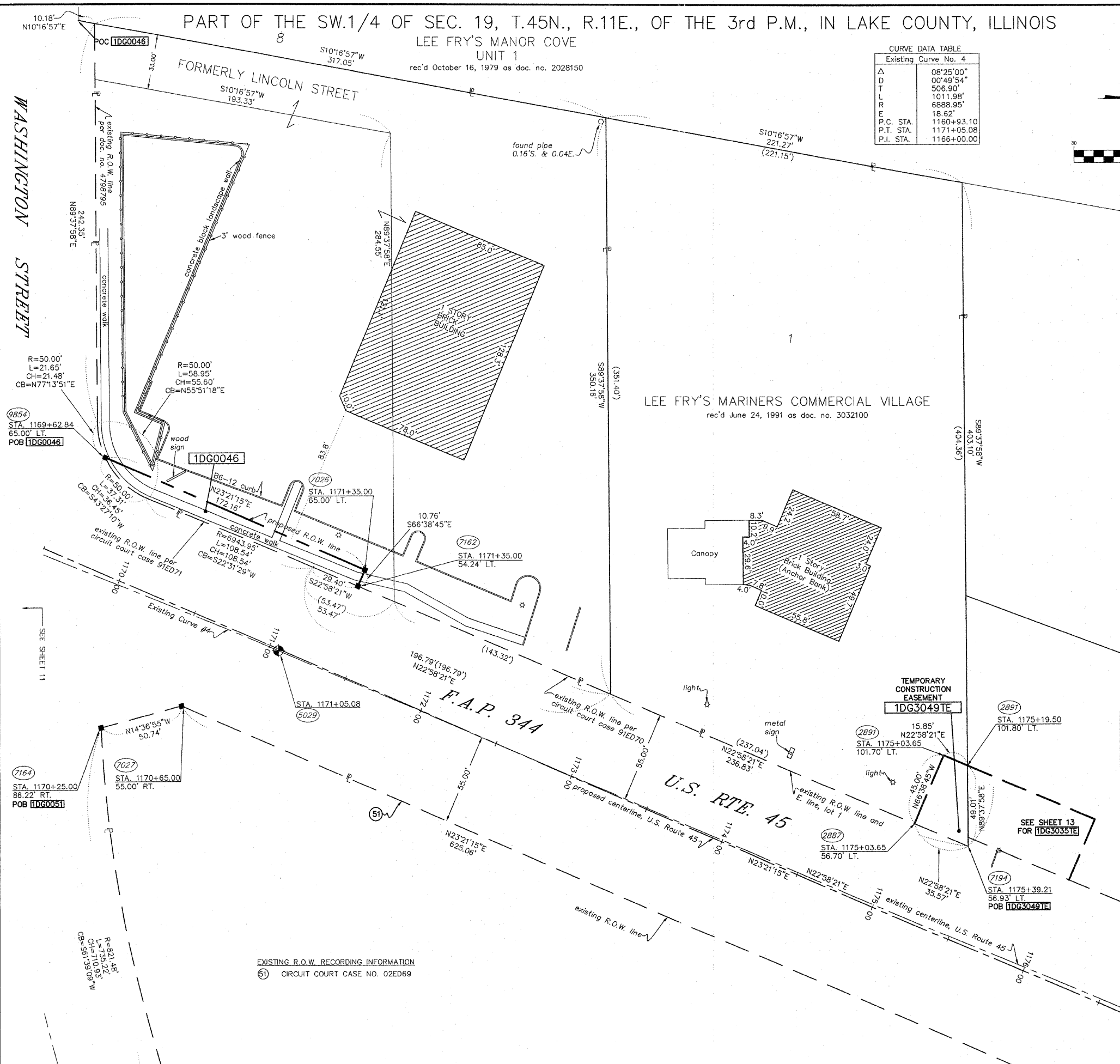
**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
2124 WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60563  
PH. (630) 744-8600 FAX (630) 744-2011 PH. (630) 420-7740 FAX (630) 420-7741

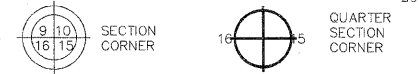
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 344 (U.S. RTE. 45)  
SECTION (46-IS & 47)WRS-2 LAKE COUNTY  
PROJECT JOB NO. R91-022-01  
STATION 1170+00 TO STATION 1176+00  
SCALE: 1" = 30' SHEET 12 OF 16  
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

RECEIVED  
APR 01 2009  
PLATS & LEGALS

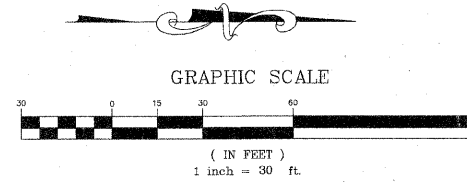
SCANNED

REVISION DATE	3-31-09	REVISION	OWNER FOR PARCEL 46	MADE BY	TLW
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- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING



- IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
COUNTY OF WILL }

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI AND ASSOCIATES, AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 17th DAY OF July, 2008 A.D.

RONALD F. HODGEN P.L.S. NO. 2630  
MY LICENSE EXPIRES NOVEMBER 30, 2008



EXISTING R.O.W. RECORDING INFORMATION

- 50 CIRCUIT COURT CASE NO. 02ED68
- 51 CIRCUIT COURT CASE NO. 02ED69
- 53 CIRCUIT COURT CASE NO. 03ED9

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1DG3053	CHICAGO TITLE LAND TRUST COMPANY, TR. NO. 25-1316	1.090	N/A	1.090	N/A	0.069	GRADING	07-19-303-039	

NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/C.L.S. Consultants  
2174 ONEIDA STREET, JOLIET, ILLINOIS 60438  
PH. (815) 744-0600 FAX (815) 744-0101  
2603 SOUTH WASHINGTON STREET, SUITE 170  
NAPERVILLE, ILLINOIS 60563  
PH. (630) 420-7740 FAX (630) 420-7741

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 344 (U.S. RTE. 45)  
SECTION (46-IS & 47)WRS-2 LAKE COUNTY  
PROJECT JOB NO. R91-022-01  
STATION 1174+50 TO STATION 1179+50  
SCALE: 1" = 30'  
SHEET 13 OF 16

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

REVISION DATE	7-17-08	REVISION	ADDED OWNER, REVISED TH 3053	MADE BY	JMH
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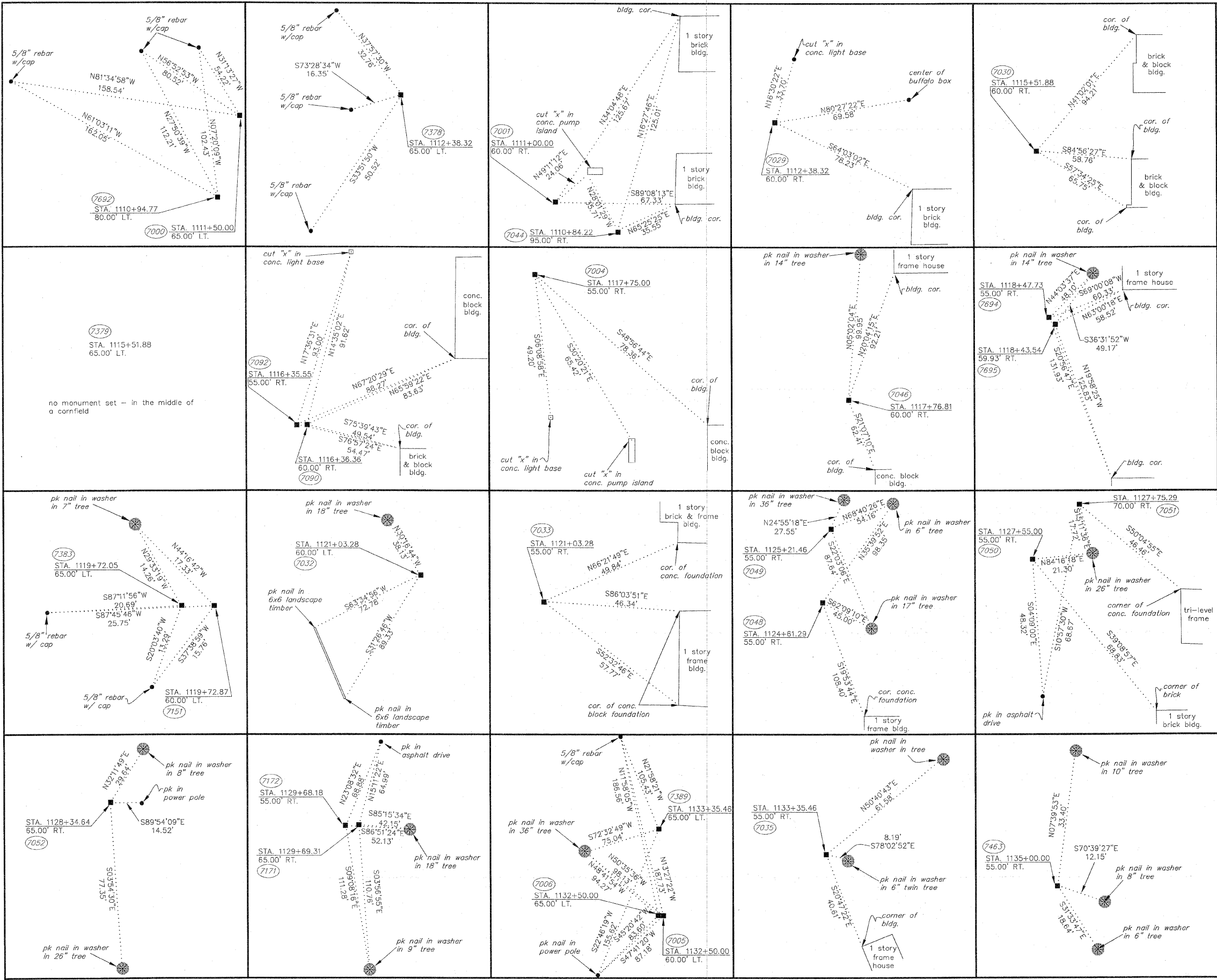


SEE SHEET 12 FOR PARCEL 1DG0051

SEE SHEET 12

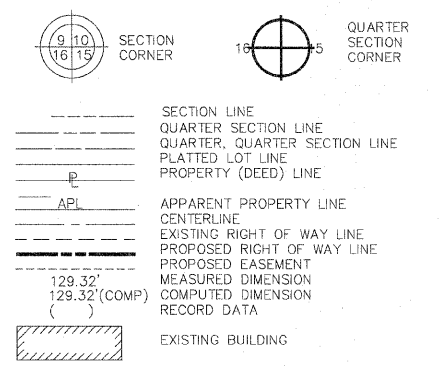
SEE SHEET 12 FOR PARCEL 1DG0051

I:\Projects\102605\102605.dwg, Layout1, 7/17/2008 2:28:00 PM, JMH



- IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION
- + CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

LEGEND



STATE OF ILLINOIS } SS  
 COUNTY OF WILL }  
 THIS IS TO CERTIFY THAT RUETTIGER, TONELLI AND ASSOCIATES, AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 25, TOWNSHIP 45 NORTH, RANGE 10 EAST AND SECTION 30, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
 DATED AT COURT, ILLINOIS THIS 14th DAY OF July, 2008 A.D.  
 RONALD F. HODGEN P.L.S. NO. 2630  
 MY LICENSE EXPIRES NOVEMBER 30, 2008



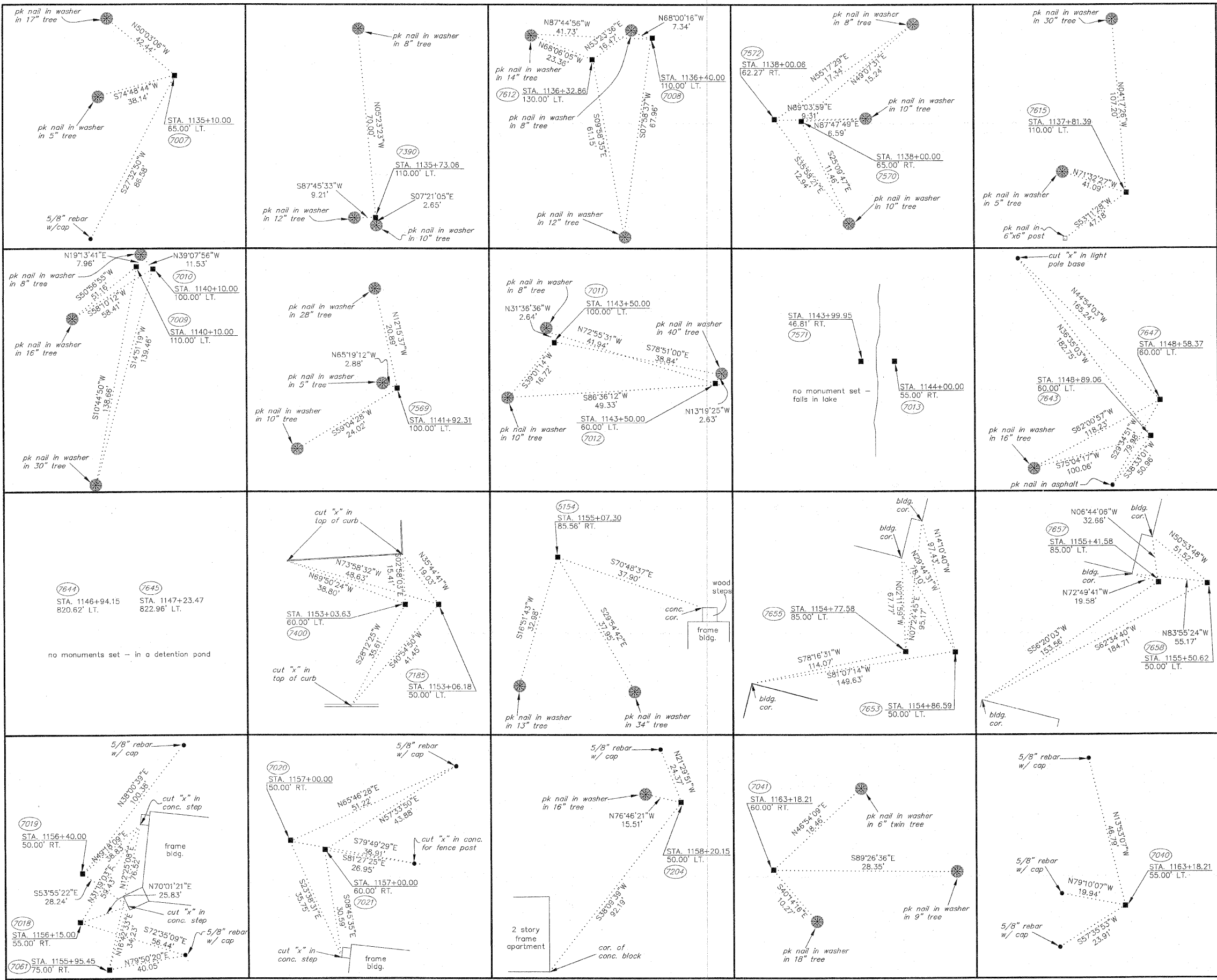
NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
 2174 ONEIDA STREET, SUITE 170, LAKE COUNTY, ILLINOIS 60058  
 PH. (815) 744-6200 FAX (815) 744-0101 2603 SOUTH WASHINGTON STREET, SUITE 170, MAPOSVILLE, ILLINOIS 60058  
 PH. (815) 744-6200 FAX (815) 744-0101

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 344 (U.S. RTE. 45)  
 SECTION (46-IS & 47)WRS-2 LAKE COUNTY  
 PROJECT JOB NO. R91-022-01  
 STATION TO STATION  
 SCALE: NONE SHEET 14 OF 16

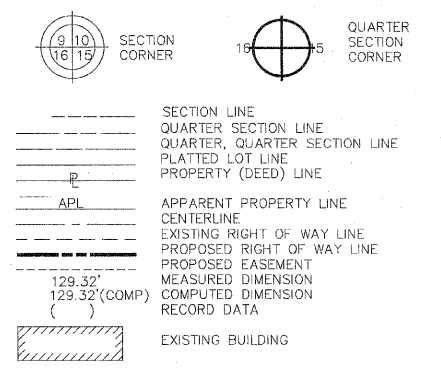
BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

REVISION DATE	REVISION	MADE BY



○ IRON PIPE OR ROD FOUND REPLACED AFTER CONSTRUCTION  
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 ● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
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LEGEND



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 DATED AT JOUET, ILLINOIS THIS 17th DAY OF July, 2008 A.D.  
 RONALD F. HODGEN P.L.S. NO. 2630  
 MY LICENSE EXPIRES NOVEMBER 30, 2008

NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

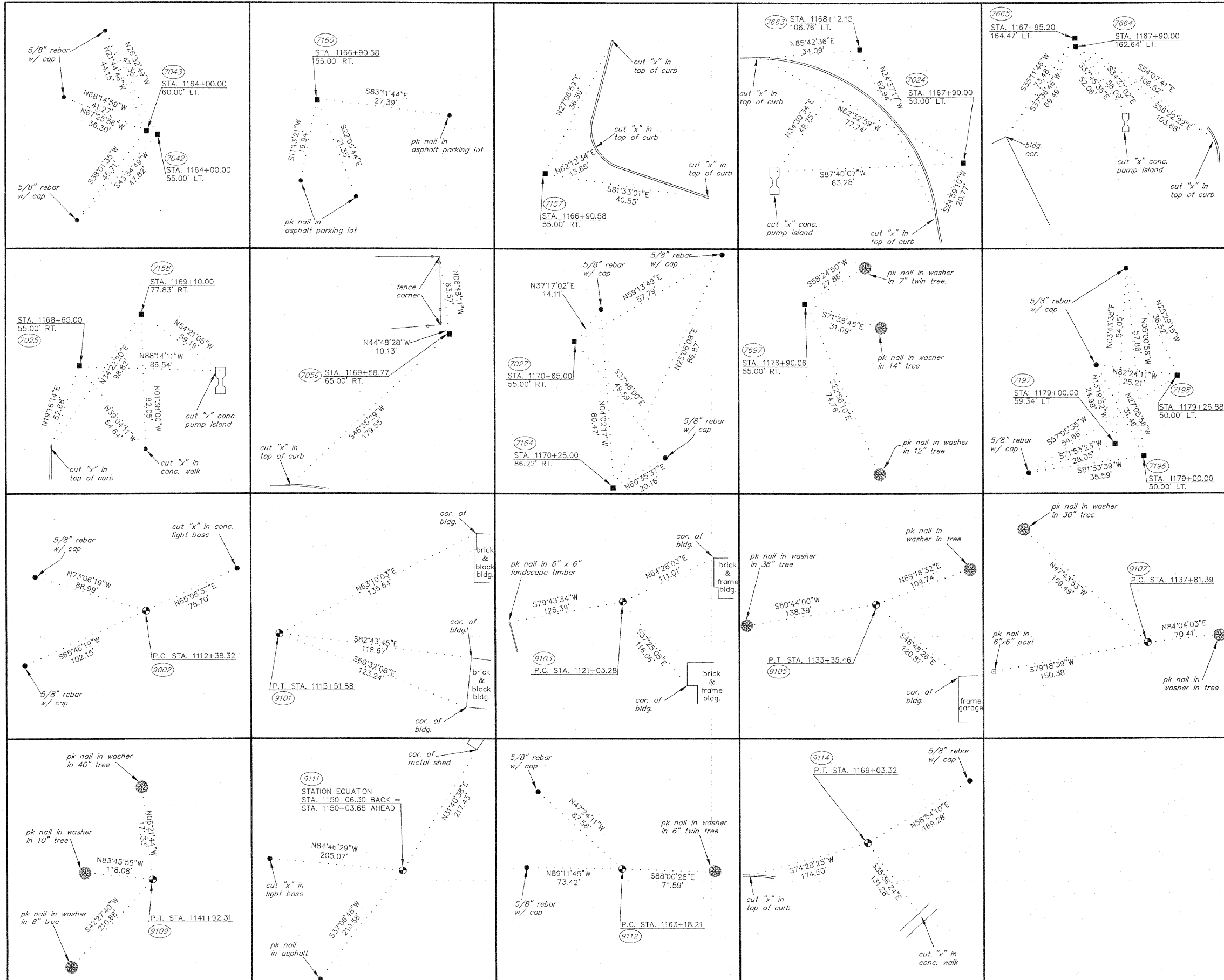
**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
 2174 ONEIDA STREET SUITE 170 2603 SOUTH WASHINGTON STREET SUITE 170  
 JOUET, ILLINOIS 60145 MAPLEVIEW, ILLINOIS 60155  
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (830) 420-7740 FAX (830) 420-7741

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 344 (U.S. RTE. 45)  
 SECTION (46-IS & 47)WRS-2 LAKE COUNTY  
 PROJECT JOB NO. R91-022-01  
 STATION TO STATION  
 SCALE: NONE SHEET 15 OF 16

BUREAU OF LAND ACQUISITION  
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 SCHAUMBURG, ILLINOIS 60196

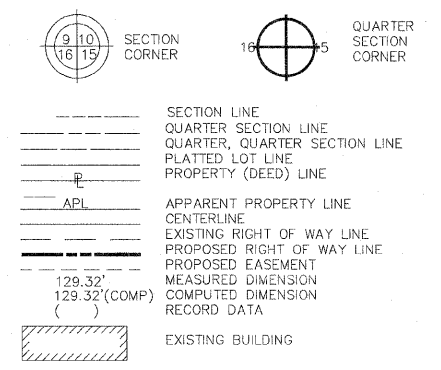
REVISION DATE	REVISION	MADE BY





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DATED AT JOLIET, ILLINOIS THIS 17th DAY OF JULY 2008 A.D.

*Ronald F. Hodgen*  
 RONALD F. HODGEN P.L.S. NO. 2630  
 MY LICENSE EXPIRES NOVEMBER 30, 2008



NOTE: BASIS OF BEARING IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD83.

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
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 2174 OREGON STREET SUITE 170 JOLIET, ILLINOIS 60435 2603 SOUTH WASHINGTON STREET SUITE 170 HAWKSVILLE, ILLINOIS 60655  
 PH. (815) 744-8800 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741

**PLAT OF HIGHWAYS**  
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 STATION TO STATION  
 SCALE: NONE SHEET 16 OF 16

BUREAU OF LAND ACQUISITION  
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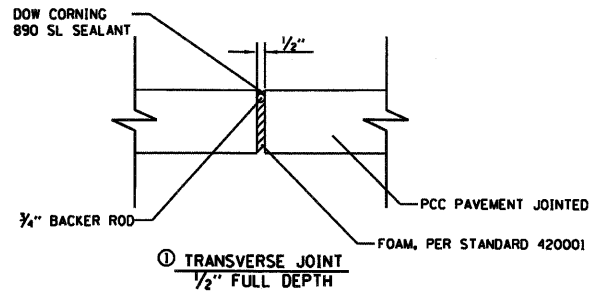
REVISION DATE	REVISION	MADE BY



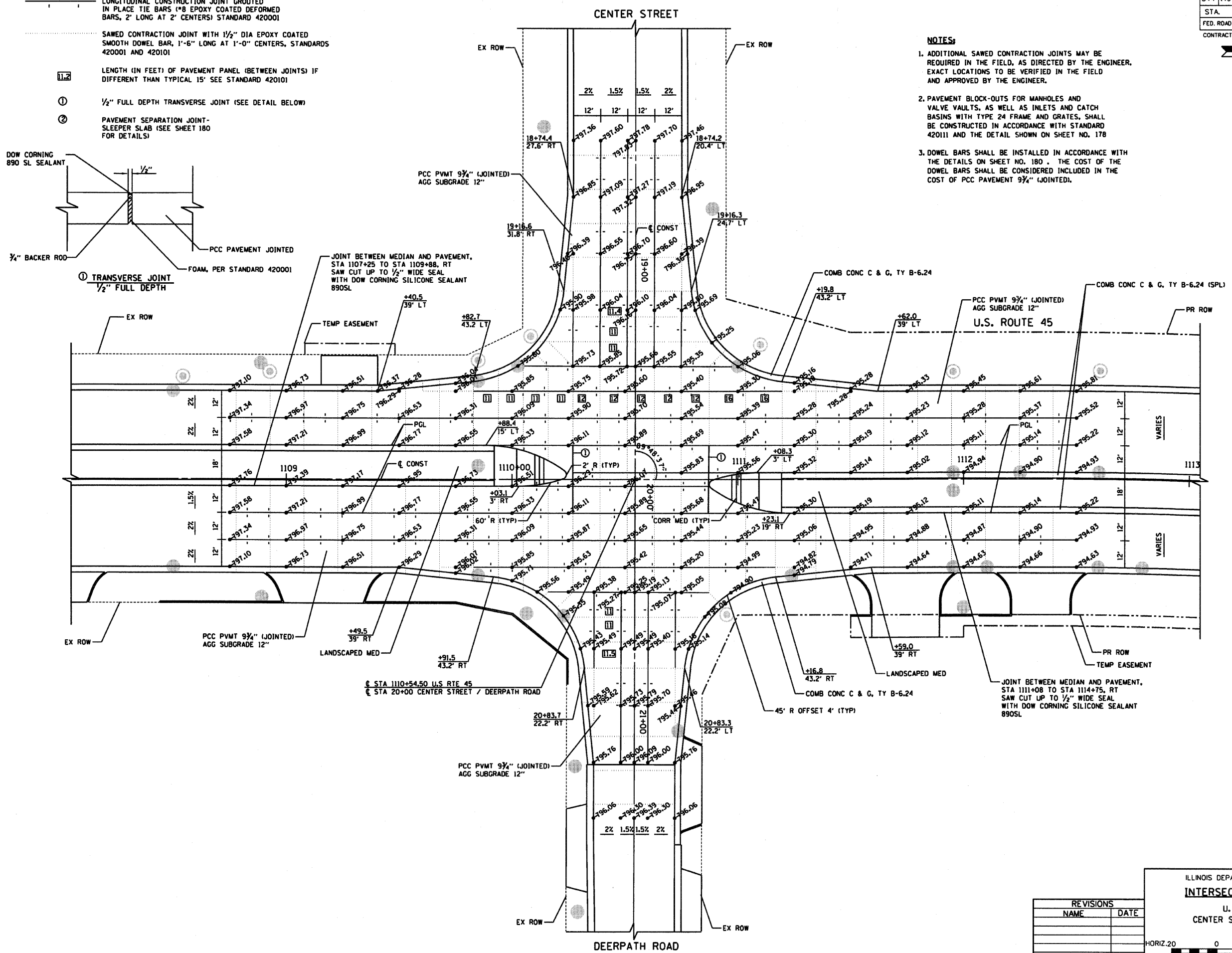
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	87
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AD PROJECT	
CONTRACT NO. 60956				

**LEGEND**

- LONGITUDINAL CONSTRUCTION JOINT GROUDED IN PLACE TIE BARS (#8 EPOXY COATED DEFORMED BARS, 2' LONG AT 2' CENTERS) STANDARD 420001
- SAWED CONTRACTION JOINT WITH 1/2" DIA EPOXY COATED SMOOTH DOWEL BAR, 1'-6" LONG AT 1'-0" CENTERS, STANDARDS 420001 AND 420101
- LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN JOINTS) IF DIFFERENT THAN TYPICAL 15' SEE STANDARD 420101
- 1/2" FULL DEPTH TRANSVERSE JOINT (SEE DETAIL BELOW)
- PAVEMENT SEPARATION JOINT-SLEEPER SLAB (SEE SHEET 180 FOR DETAILS)



- NOTES:**
- ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
  - PAVEMENT BLOCK-OUTS FOR MANHOLES AND VALVE VAULTS, AS WELL AS INLETS AND CATCH BASINS WITH TYPE 24 FRAME AND GRATES, SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111 AND THE DETAIL SHOWN ON SHEET NO. 178
  - DOWEL BARS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS ON SHEET NO. 180. THE COST OF THE DOWEL BARS SHALL BE CONSIDERED INCLUDED IN THE COST OF PCC PAVEMENT 9 3/4" (JOINTED).



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION PAVING PLAN**  
 U. S. ROUTE 45 &  
 CENTER STREET/DEERPATH ROAD

HORIZ. 20 0 20  
 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY MLB  
 CHECKED BY TSB

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	88
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				

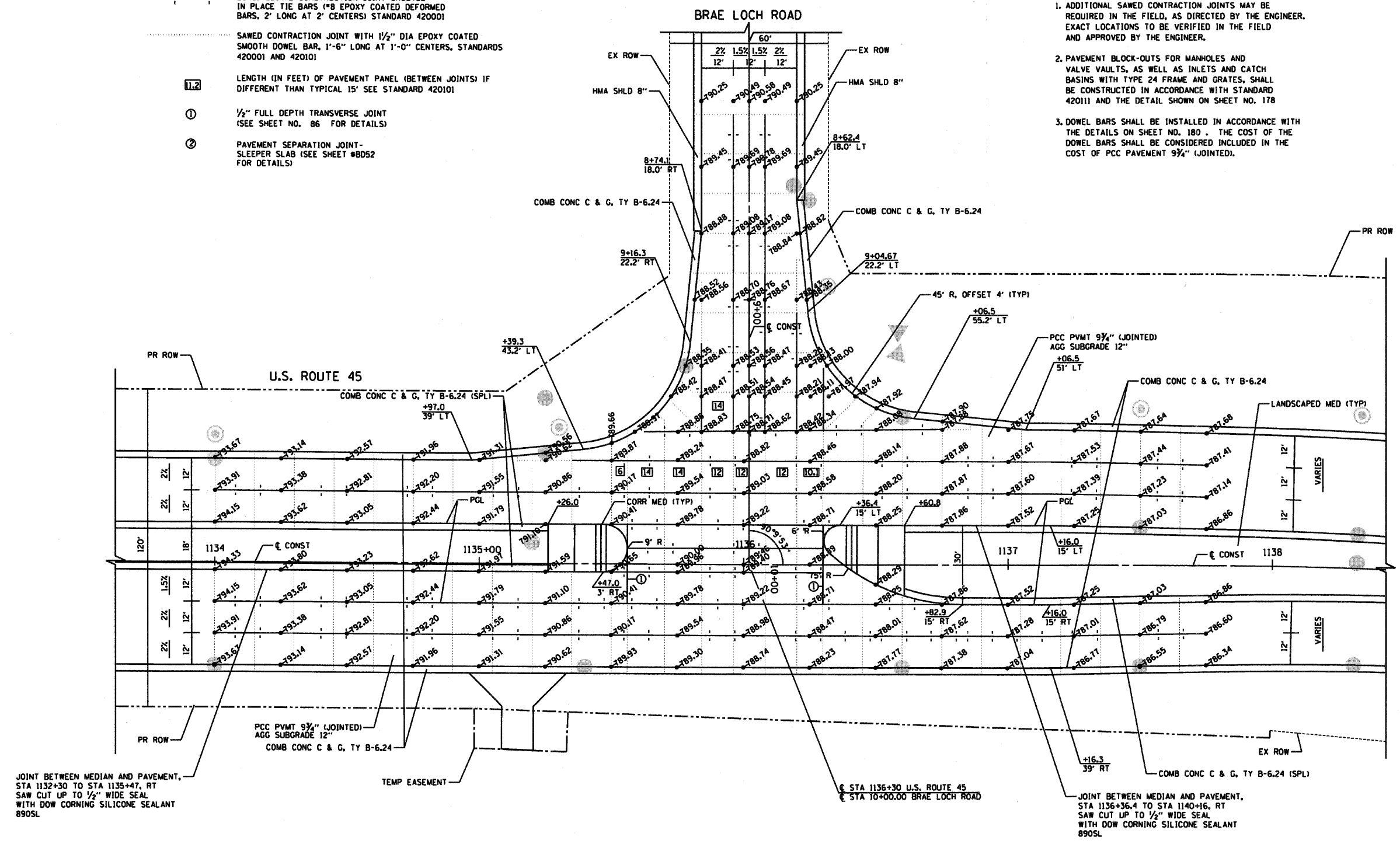


**LEGEND**

- LONGITUDINAL CONSTRUCTION JOINT GROUTED  
(IN PLACE TIE BARS (#8 EPOXY COATED DEFORMED BARS, 2' LONG AT 2' CENTERS) STANDARD 420001)
- SAWED CONTRACTION JOINT WITH 1/2" DIA EPOXY COATED SMOOTH DOWEL BAR, 1'-6" LONG AT 1'-0" CENTERS, STANDARDS 420001 AND 420101
- LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN JOINTS) IF DIFFERENT THAN TYPICAL 15' SEE STANDARD 420101
- 1/2" FULL DEPTH TRANSVERSE JOINT (SEE SHEET NO. 86 FOR DETAILS)
- PAVEMENT SEPARATION JOINT-SLEEPER SLAB (SEE SHEET #BD52 FOR DETAILS)

**NOTES:**

1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
2. PAVEMENT BLOCK-OUTS FOR MANHOLES AND VALVE VAULTS, AS WELL AS INLETS AND CATCH BASINS WITH TYPE 24 FRAME AND GRATES, SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111 AND THE DETAIL SHOWN ON SHEET NO. 178
3. DOWEL BARS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS ON SHEET NO. 180. THE COST OF THE DOWEL BARS SHALL BE CONSIDERED INCLUDED IN THE COST OF PCC PAVEMENT 9 3/4" (JOINTED).



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION PAVING PLAN**  
 U.S. ROUTE 45 & BRAE LOCH ROAD

HORIZ. 20 0 20  
 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY MLB  
 CHECKED BY MJL

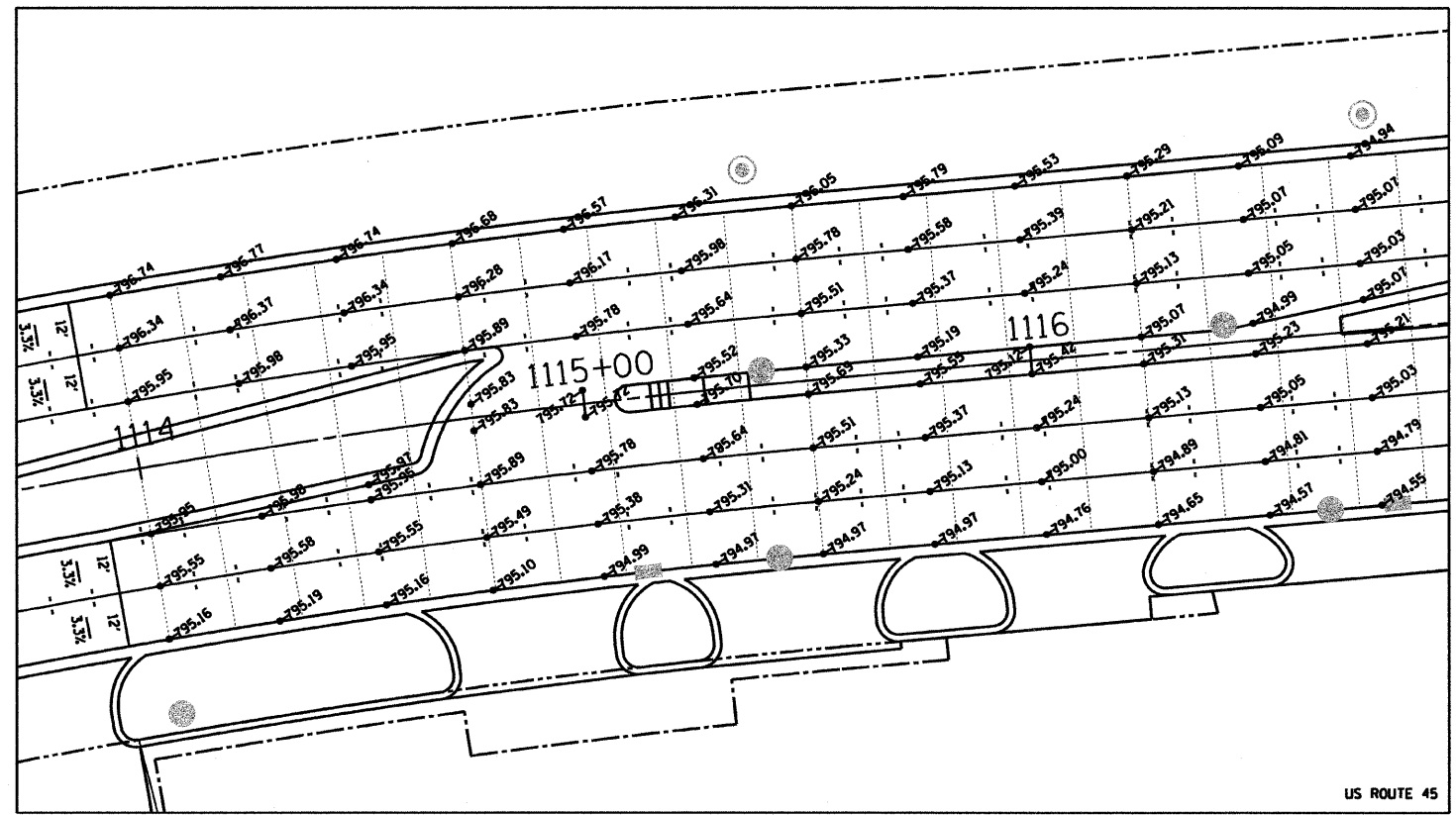
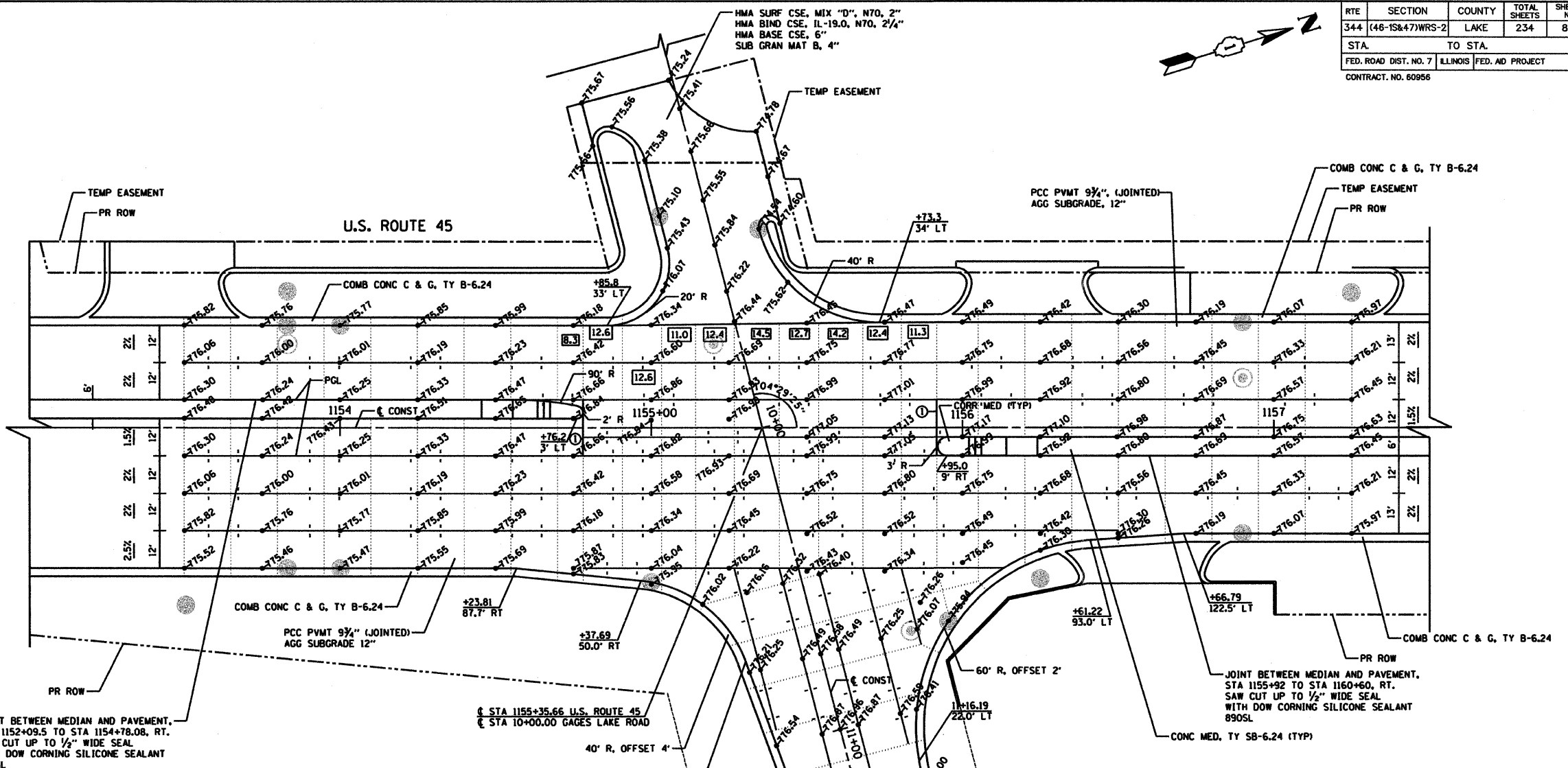
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	89
STA.	TO STA.			
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60956				

**LEGEND**

- LONGITUDINAL CONSTRUCTION JOINT GROUDED IN PLACE TIE BARS (#8 EPOXY COATED DEFORMED BARS, 2' LONG AT 2' CENTERS) STANDARD 420001
- SAWED CONTRACTION JOINT WITH 1/2" DIA EPOXY COATED SMOOTH DOWEL BAR, 1'-6" LONG AT 1'-0" CENTERS, STANDARDS 420001 AND 420101
- 11.2 LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN JOINTS) IF DIFFERENT THAN TYPICAL 15' SEE STANDARD 420101
- 1 1/2" FULL DEPTH TRANSVERSE JOINT (SEE SHEET NO. 86 FOR DETAILS)
- 2 PAVEMENT SEPARATION JOINT-SLEEPER SLAB (SEE SHEET 180 FOR DETAILS)

**NOTES:**

1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
2. PAVEMENT BLOCK-OUTS FOR MANHOLES AND VALVE VAULTS, AS WELL AS INLETS AND CATCH BASINS WITH TYPE 24 FRAME AND GRATES, SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111 AND THE DETAIL SHOWN ON SHEET NO. 178
3. DOWEL BARS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS ON SHEET NO. 180. THE COST OF THE DOWEL BARS SHALL BE CONSIDERED INCLUDED IN THE COST OF PCC PAVEMENT, 9 3/4" (JOINTED).



REVISIONS	
NAME	DATE

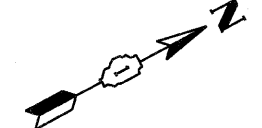
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION PAVING PLAN**  
 U. S. ROUTE 45 & GAGES LAKE ROAD

HORIZ. 20 0 20  
 SCALE IN FEET

DATE 4/2/10  
 DRAWN BY MLB  
 CHECKED BY TSB



RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	90
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. NO PROJECT	
CONTRACT NO. 60956				

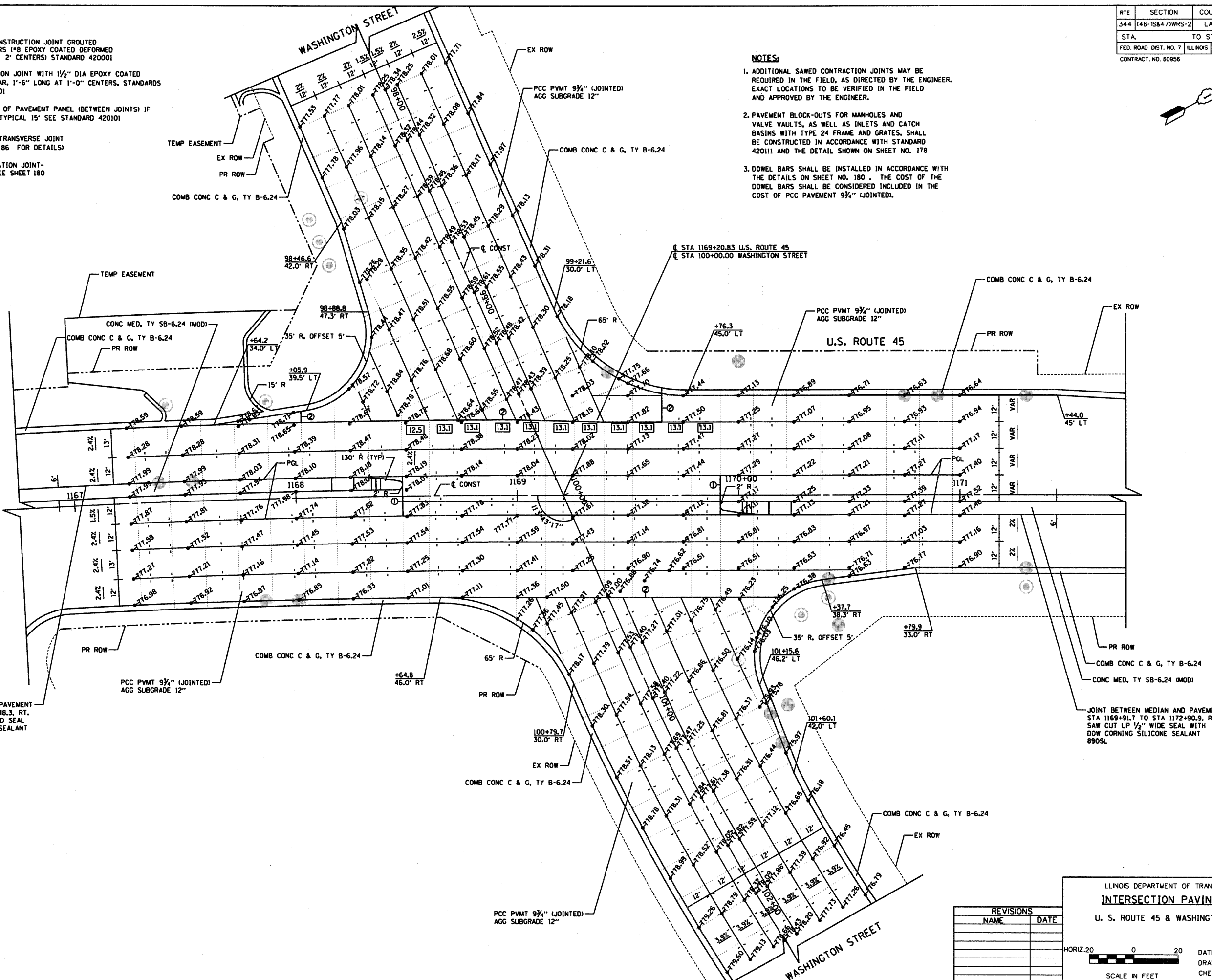


**LEGEND**

- LONGITUDINAL CONSTRUCTION JOINT GROUTED  
IN PLACE TIE BARS (#8 EPOXY COATED DEFORMED  
BARS, 2' LONG AT 2' CENTERS) STANDARD 420001
- SAWED CONTRACTION JOINT WITH 1/2" DIA EPOXY COATED  
SMOOTH DOWEL BAR, 1'-6" LONG AT 1'-0" CENTERS, STANDARDS  
420001 AND 420101
- LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN JOINTS) IF  
DIFFERENT THAN TYPICAL 15' SEE STANDARD 420101
- 1/2" FULL DEPTH TRANSVERSE JOINT  
(SEE SHEET NO. 86 FOR DETAILS)
- PAVEMENT SEPARATION JOINT-  
SLEEPER SLAB (SEE SHEET 180  
FOR DETAILS)

**NOTES:**

1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE  
REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER.  
EXACT LOCATIONS TO BE VERIFIED IN THE FIELD  
AND APPROVED BY THE ENGINEER.
2. PAVEMENT BLOCK-OUTS FOR MANHOLES AND  
VALVE VAULTS, AS WELL AS INLETS AND CATCH  
BASINS WITH TYPE 24 FRAME AND GRATES, SHALL  
BE CONSTRUCTED IN ACCORDANCE WITH STANDARD  
420111 AND THE DETAIL SHOWN ON SHEET NO. 178
3. DOWEL BARS SHALL BE INSTALLED IN ACCORDANCE WITH  
THE DETAILS ON SHEET NO. 180. THE COST OF THE  
DOWEL BARS SHALL BE CONSIDERED INCLUDED IN THE  
COST OF PCC PAVEMENT 9 3/4" (JOINTED).



JOINT BETWEEN MEDIAN AND PAVEMENT  
STA 1164+77.8 TO STA 1168+48.3, RT.  
SMA CUT UP TO 1/2" WIDE AND SEAL  
WITH DOW CORNING SILICONE SEALANT  
890SL

JOINT BETWEEN MEDIAN AND PAVEMENT  
STA 1169+91.7 TO STA 1172+90.9, RT.  
SAW CUT UP 1/2" WIDE SEAL WITH  
DOW CORNING SILICONE SEALANT  
890SL

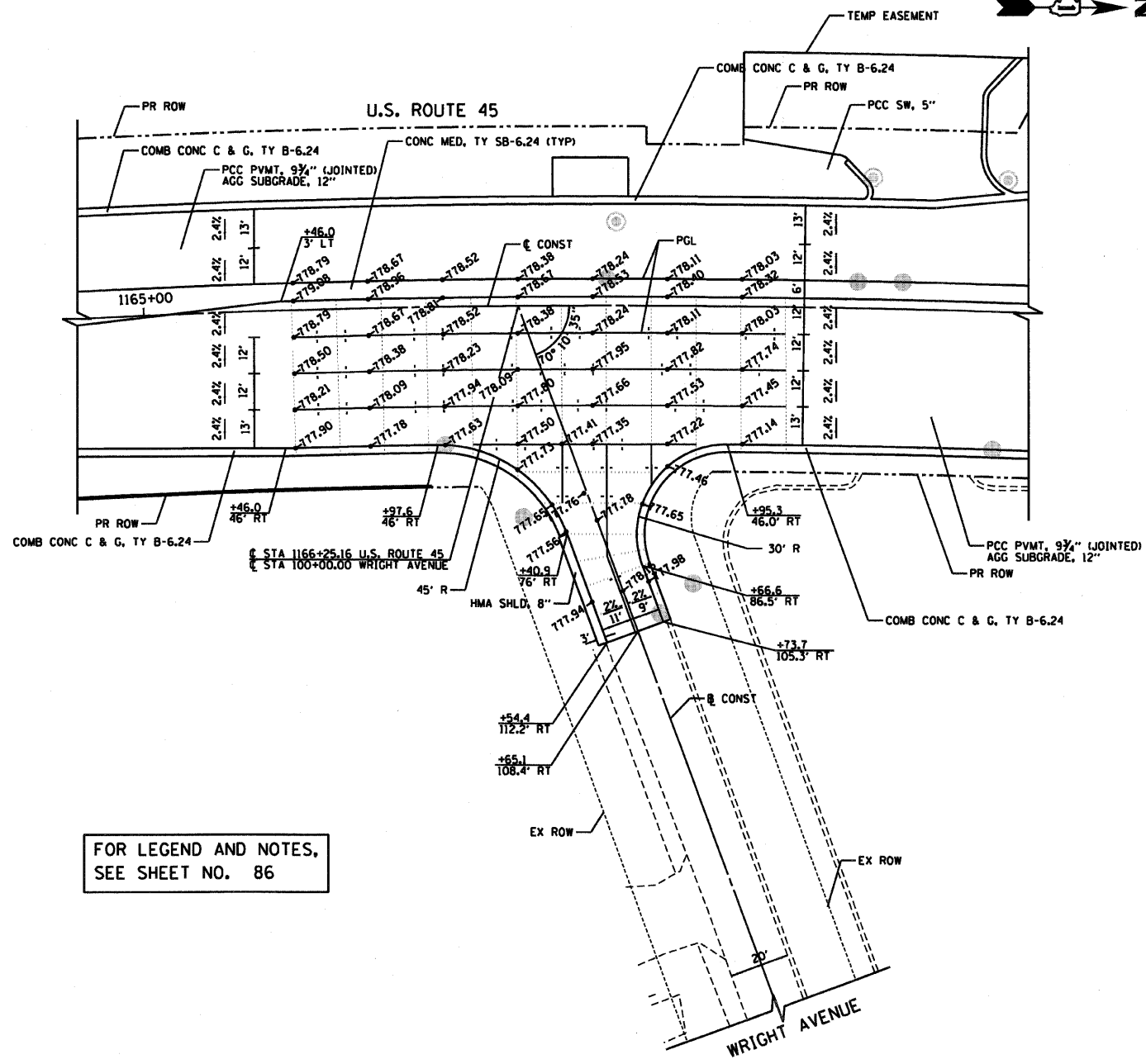
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION PAVING PLAN**  
U. S. ROUTE 45 & WASHINGTON STREET

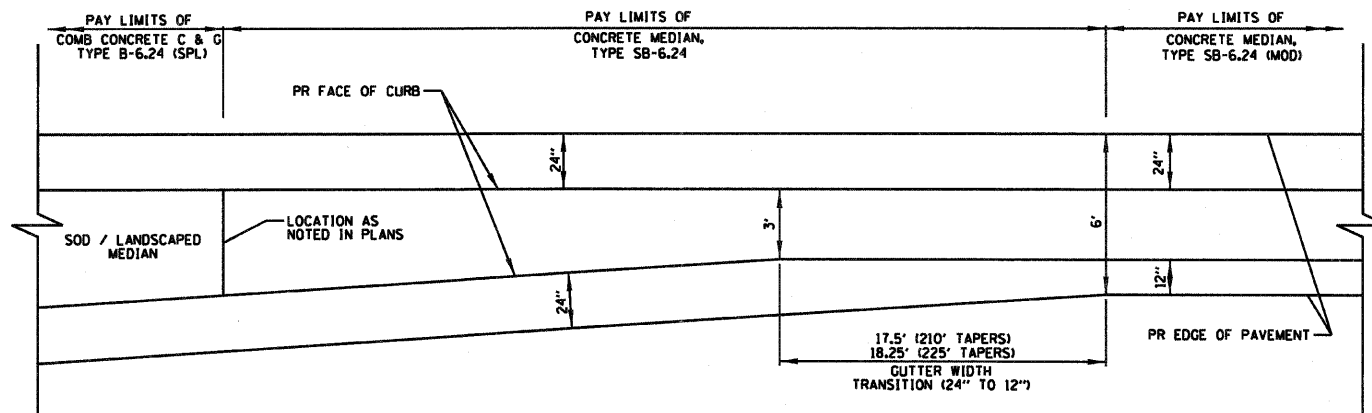
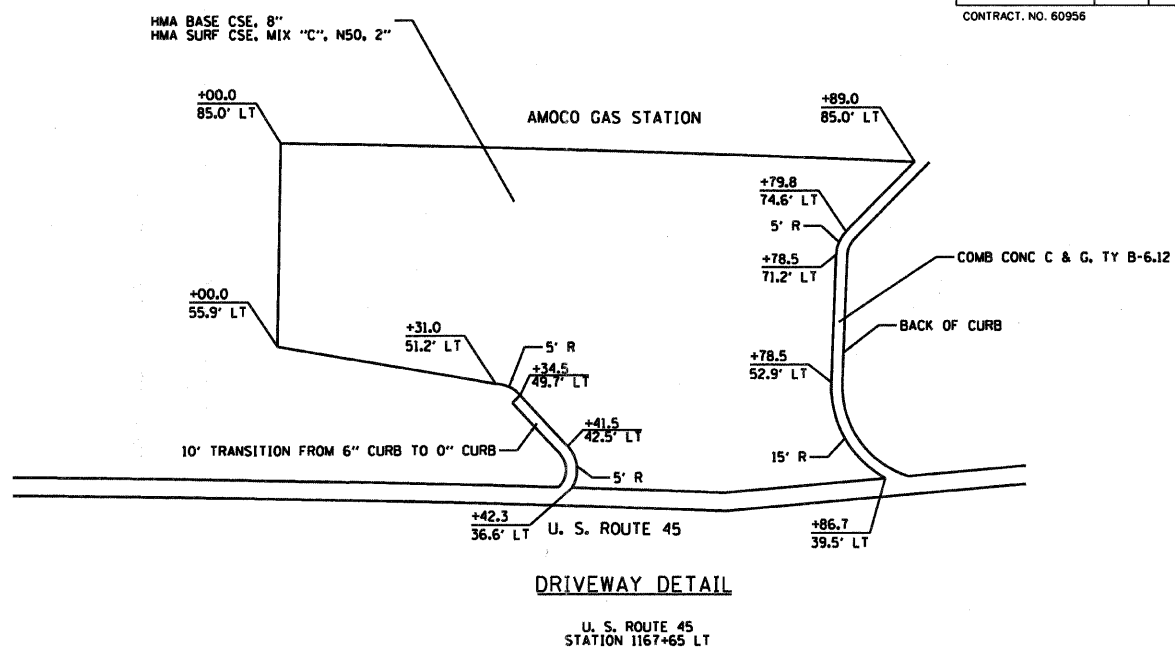
HORIZ. 20 0 20  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY MLB  
CHECKED BY TSB

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	16-1S&47WRS-2	LAKE	234	91
STA.	TO STA.			
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 60956				

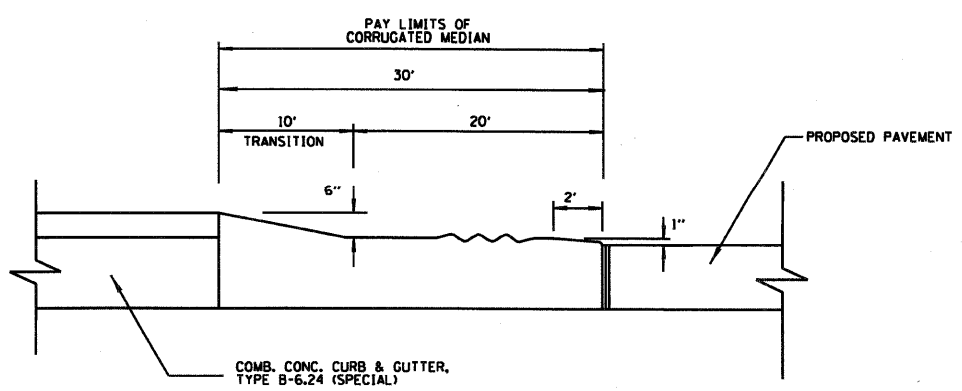


FOR LEGEND AND NOTES, SEE SHEET NO. 86

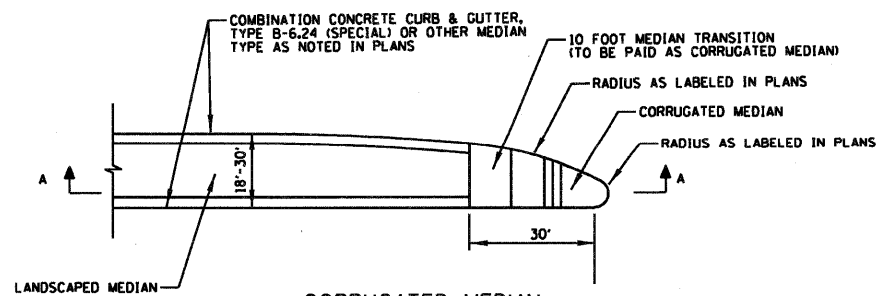


CONCRETE MEDIAN DETAIL AT LEFT TURN BAYS

NOTE: CONCRETE MEDIAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 606301



SECTION A - A

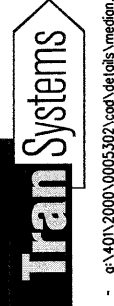


CORRUGATED MEDIAN AT INTERSECTIONS

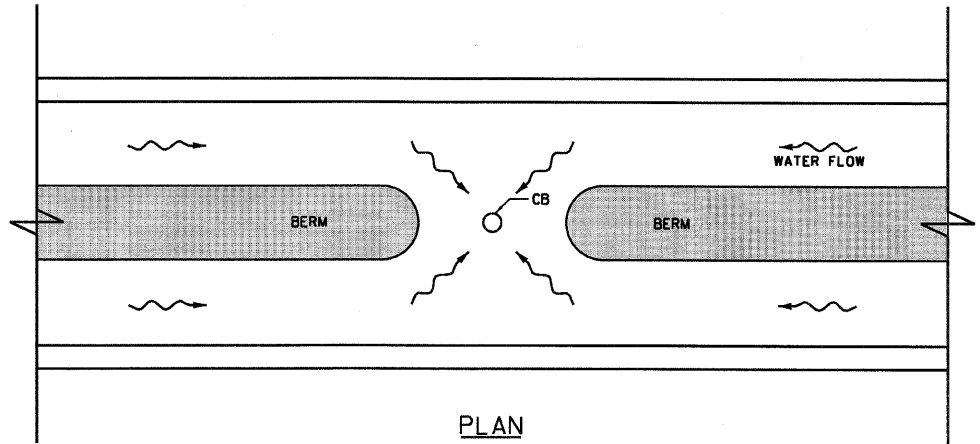
NOTE: CORRUGATED MEDIAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 606306

REVISIONS	
NAME	DATE

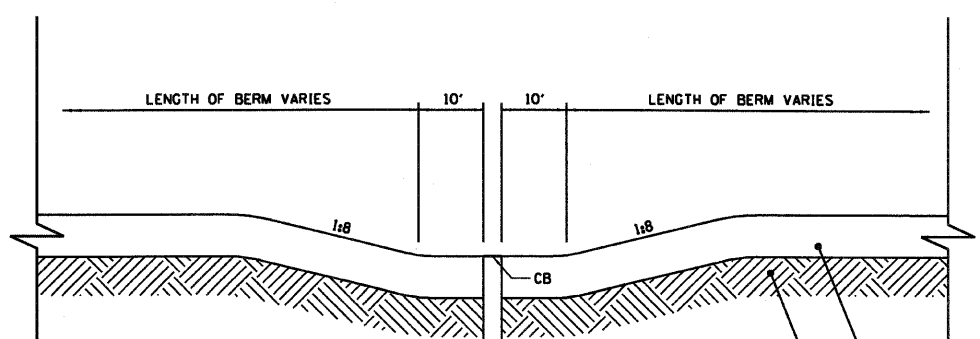
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MEDIAN DETAILS AND SIDE STREET ELEVATIONS**  
 U. S. ROUTE 45  
 DATE 12/14/09  
 DRAWN BY AJP  
 CHECKED BY MJL  
 NO SCALE



12/14/09 - g:\401\2000\0005302\cod\details\median.dgn

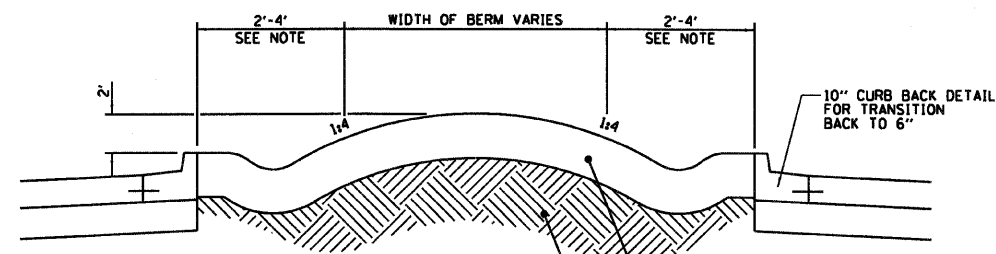


PLAN



PROFILE

- ① FURNISHING AND PLACING TOPSOIL 24" AND SEEDING
- ② SUBGRADE

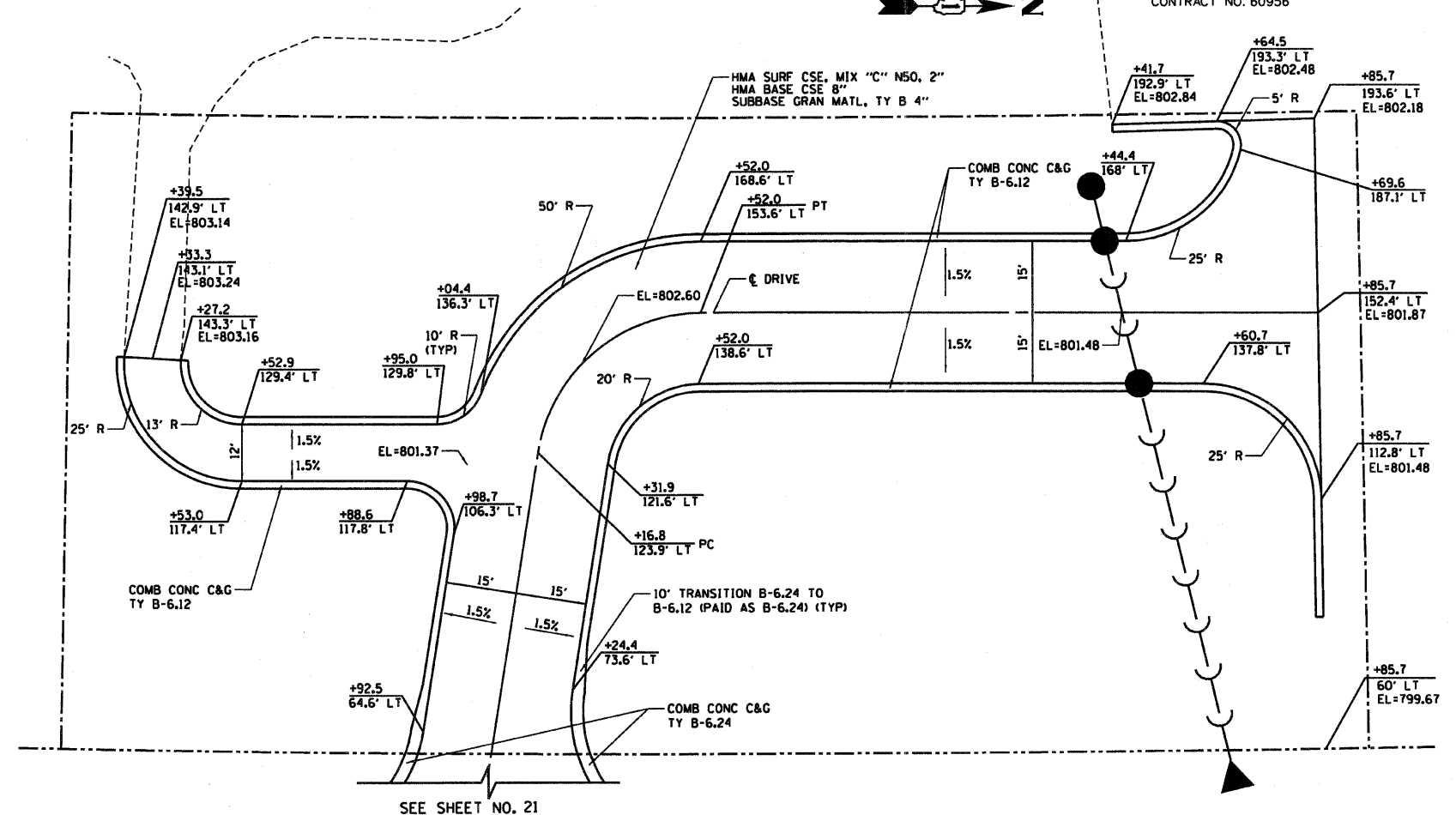


MEDIAN BERM DETAIL

- ① FURNISHING AND PLACING TOPSOIL 24" AND SEEDING SEE SHEETS 110-115 FOR TYPE.
- ② SUBGRADE

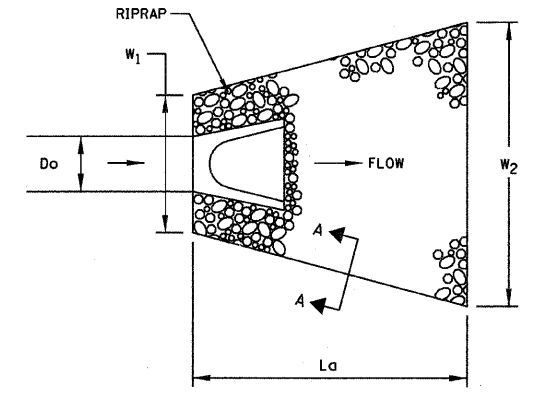
NOTE:  
 IF MEDIAN WIDTH >= 15' (MEASURED FROM BACK OF CURB TO BACK OF CURB), THEN DITCH WIDTH SHALL BE 4'.  
 IF MEDIAN WIDTH < 15' (MEASURED FROM BACK OF CURB TO BACK OF CURB), THEN DITCH WIDTH SHALL BE 2'.

TYPICAL SECTION

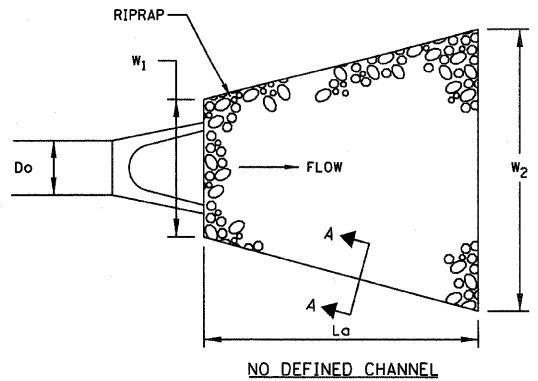


DRIVEWAY DETAIL

SEE SHEET NO. 21

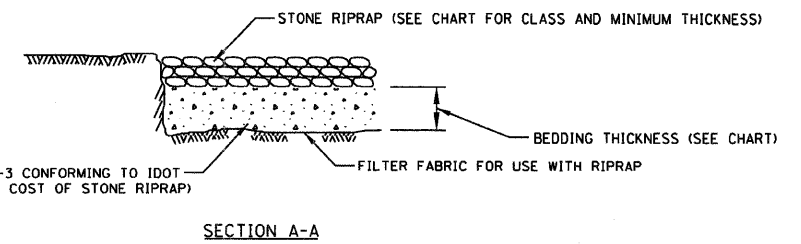


DEFINED CHANNEL



NO DEFINED CHANNEL

STRUCTURE NUMBER	LOCATION STA.	PIPE SIZE (in)	DEFINED CHANNEL	W <sub>1</sub> (FEET)	W <sub>2</sub> (FEET)	L <sub>a</sub> (FEET)	RIPRAP				
							CLASS	MINIMUM THICKNESS (in)	BEDDING THICKNESS (in)	QUANTITY (SQ. YD.)	
	U.S. ROUTE 45										
220	1113+35	63" LT	34"x53"	NO	13.25'	22.42'	10'	A4	16	6	20
333	1136+60	80" LT	24"	YES	6'	7.6'	14'	A3	8	N/A	11
	1139+25	77" LT	15"	YES	3.75'	7.65'	16'	A4	8	N/A	10
	1142+50	72" LT	15"	YES	3.75'	7.65'	16'	A4	8	N/A	10
406	1139+75	77" LT	18"	YES	4.5'	6.3'	12'	A3	8	N/A	7
441	1149+74	114" LT	34"x53"	YES	13.25'	22.42'	18'	A4	16	6	36
	1148+80	454" LT	N/A	YES	12.5'	12.5'	30'	A4	16	6	45

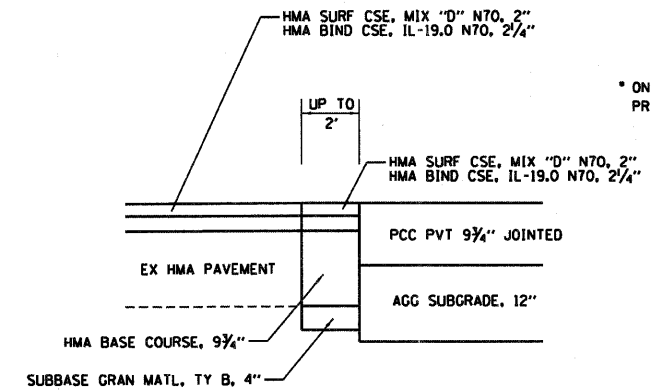
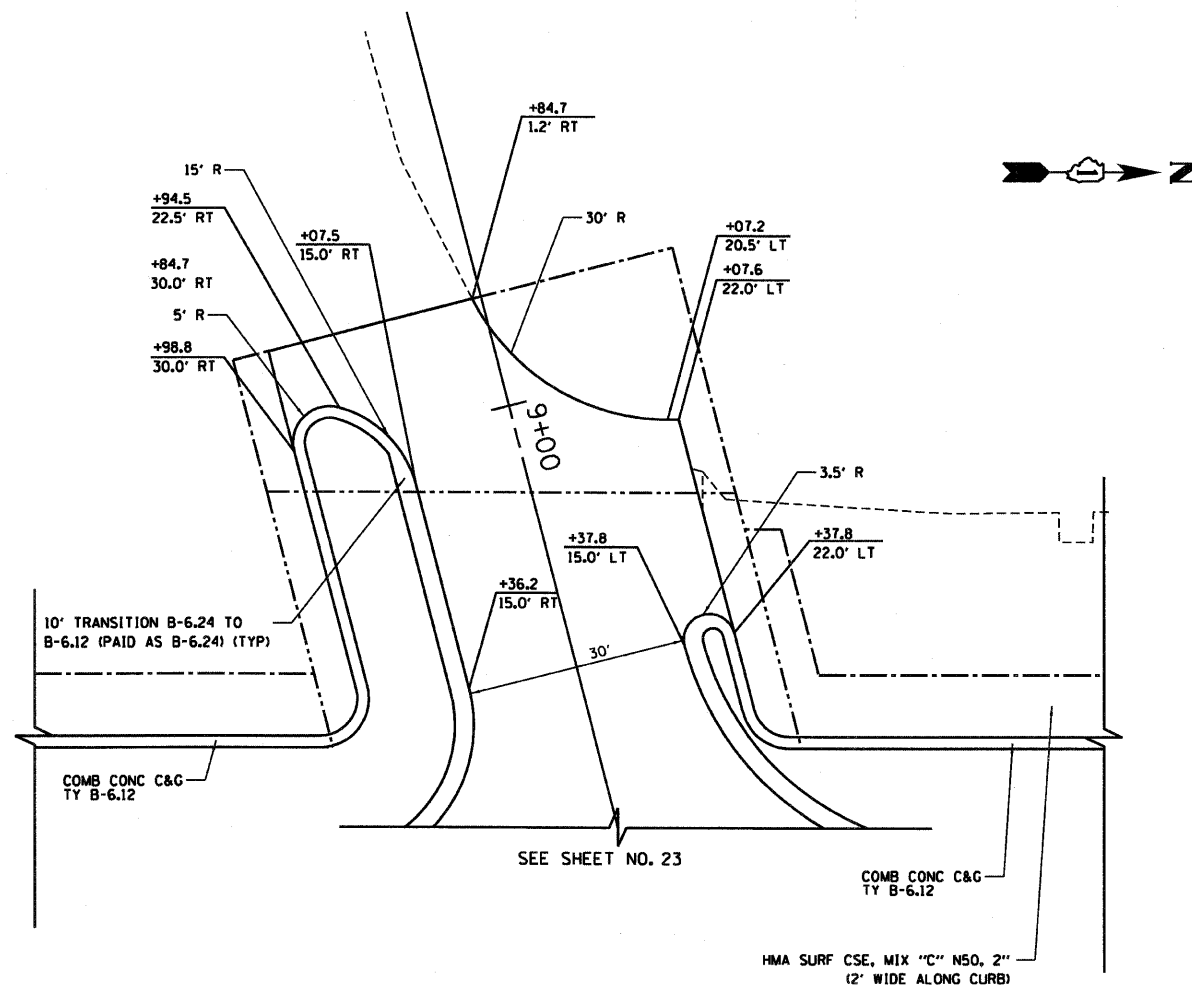


SECTION A-A

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION AND RIPRAP DETAILS**  
 U. S. ROUTE 45  
 DATE: 12/14/09  
 DRAWN BY: SAH  
 CHECKED BY: BJJ  
 NO SCALE

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(46-1S&47)WRS-2	LAKE	234	93
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				



\* ON BRAE LOCH ROAD AND GAGES LAKE ROAD, CONNECT PR PCC PAVEMENT TO EX HMA PAVEMENT ONLY

METHOD OF CONSTRUCTION SHALL BE AS FOLLOWS:

- 1) SAW CUT AND REMOVE EXISTING PAVEMENT UP TO 2' BEYOND PCC PAVEMENT LIMITS
- 2) CONSTRUCT PCC PAVEMENT TO LIMITS SHOWN ON THE PLANS.
- 3) AFTER PCC PAVEMENT HAS CURED, CONSTRUCT SUBBASE GRAN MATL AND HMA BASE COURSE AS SHOWN ON THE DETAIL.
- 4) PLACE OVERLAY OF BINDER AND SURFACE COURSES.

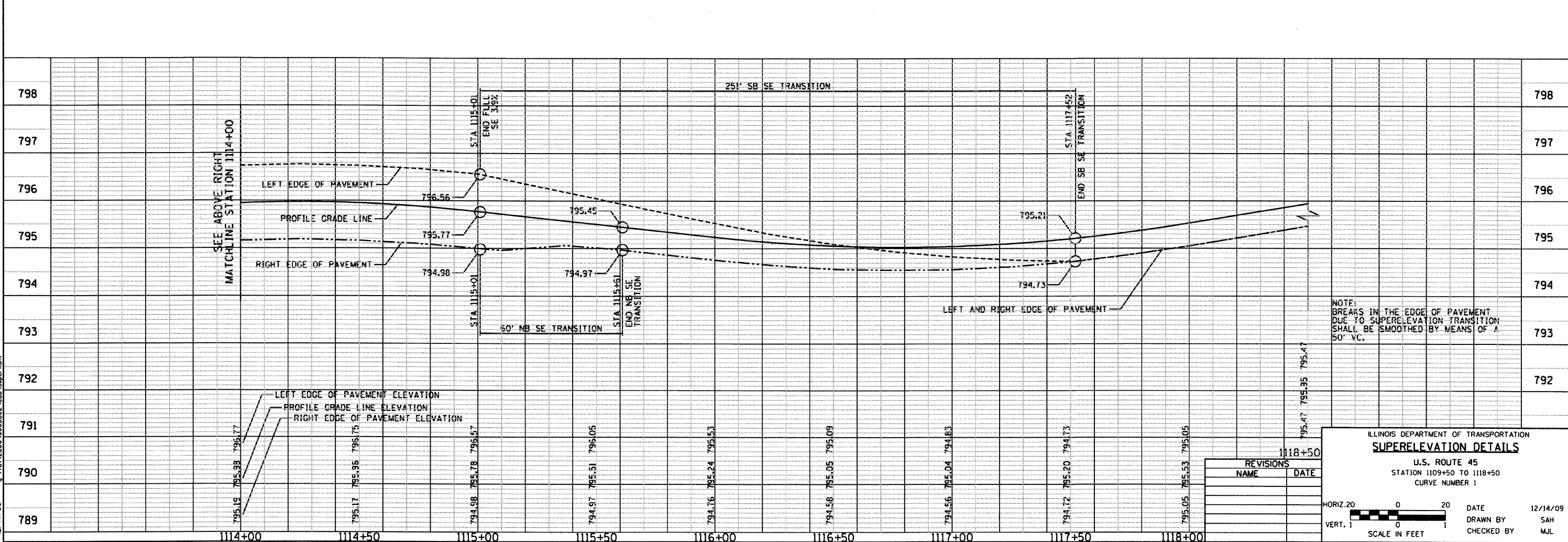
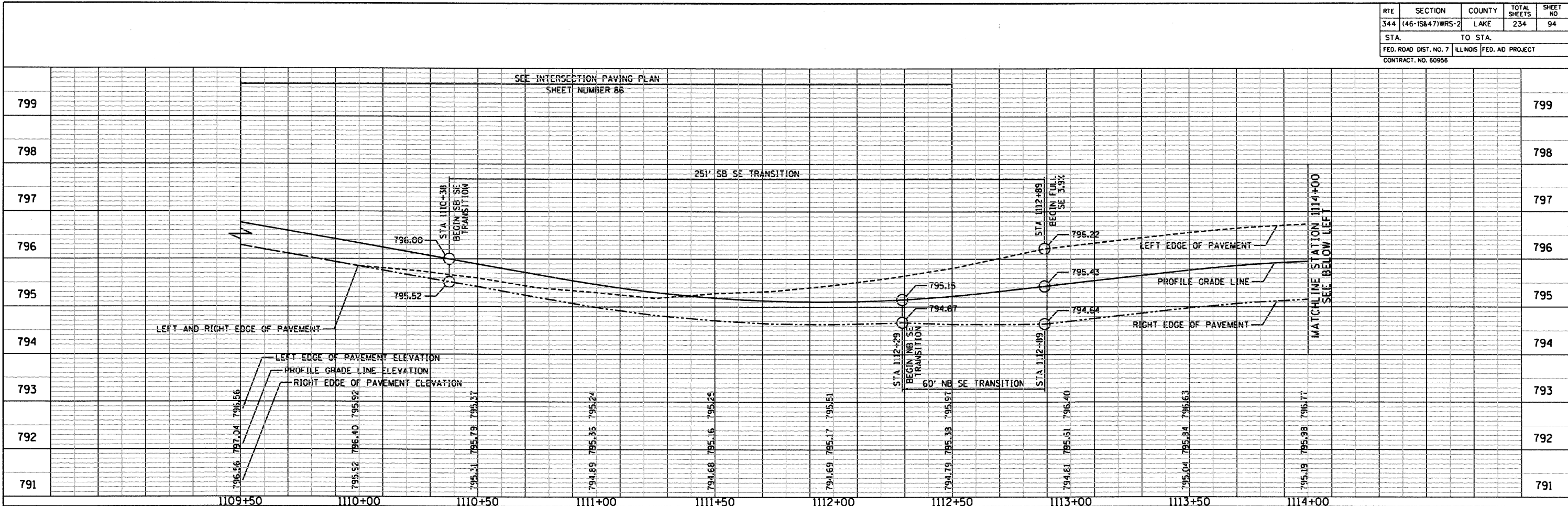
WORK SHALL BE PAID AS:  
 PAVEMENT REMOVAL  
 HMA BASE COURSE, 9 3/4"  
 HMA BINDER COURSE, IL-19.0, N70  
 HMA SURFACE COURSE, MIX "D", N70  
 SUBBASE GRANULAR MATERIAL, TYPE B, 4"

**DETAIL FOR CONSTRUCTING PCC PAVEMENT AGAINST EXISTING HMA PAVEMENT**

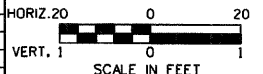
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION DETAILS**  
 U. S. ROUTE 45  
 DATE: 12/14/09  
 DRAWN BY: SAH  
 CHECKED BY: BJL  
 NO SCALE

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	94
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				



REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUPERELEVATION DETAILS**  
 U.S. ROUTE 45  
 STATION 1109+50 TO 1118+50  
 CURVE NUMBER 1

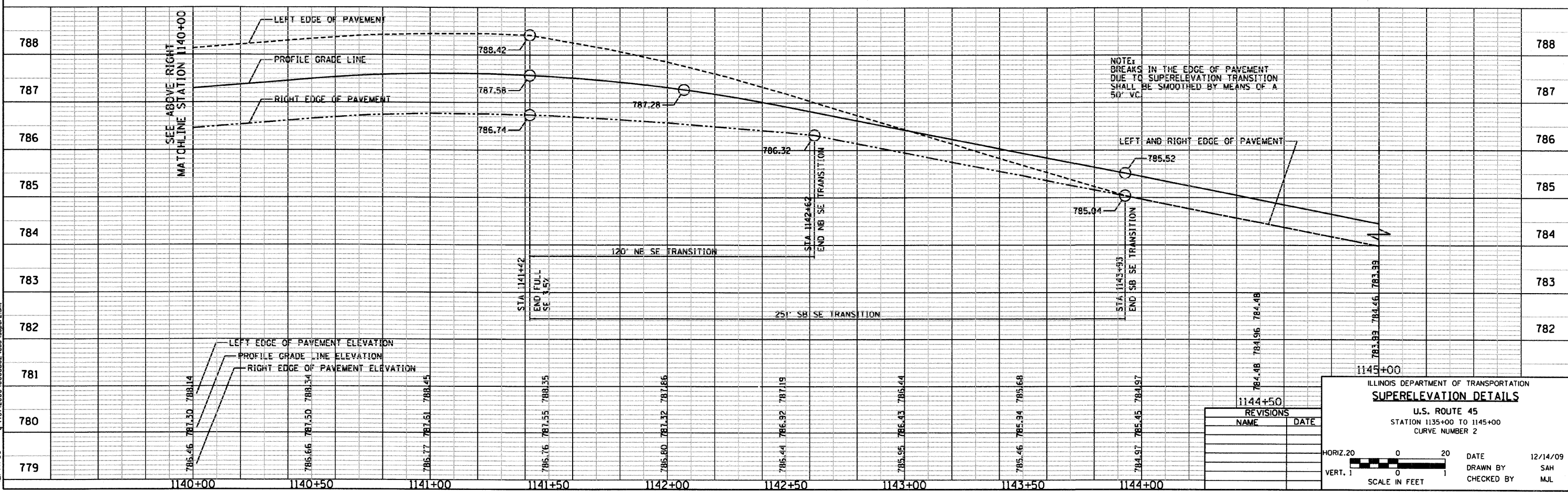
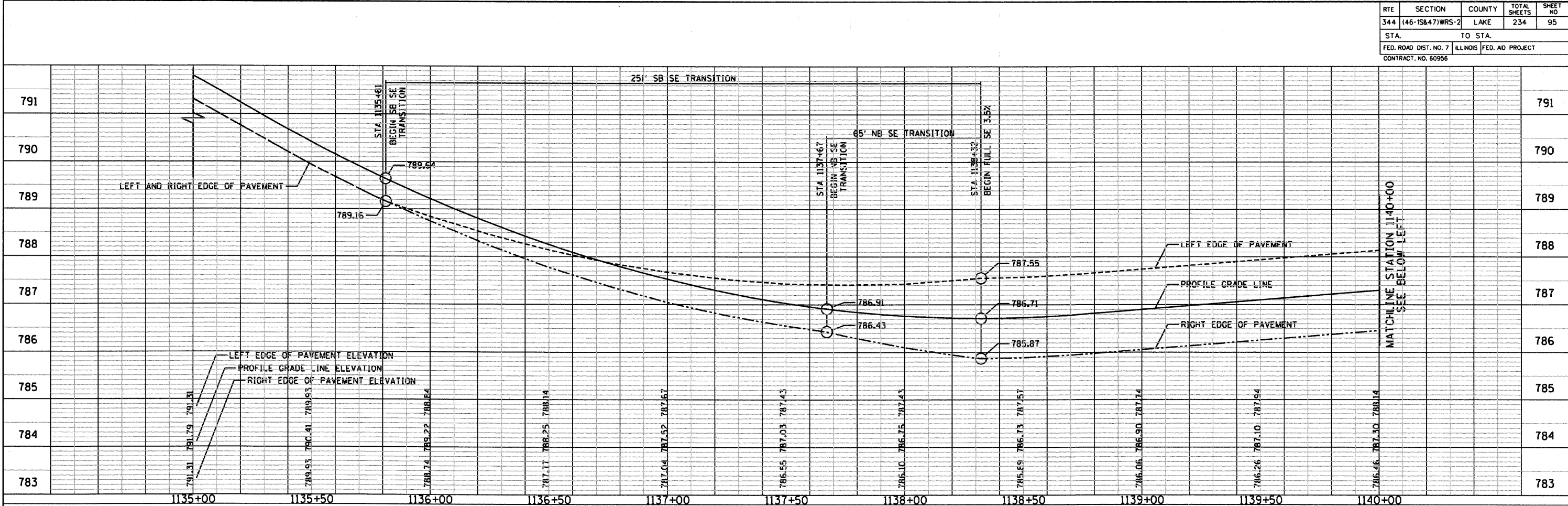
DATE 12/14/09  
 DRAWN BY SAH  
 CHECKED BY MJL



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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	95
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. NO	PROJECT
CONTRACT NO. 60956				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUPERELEVATION DETAILS**  
 U.S. ROUTE 45  
 STATION 1135+00 TO 1145+00  
 CURVE NUMBER 2

HORIZ. 20 0 20  
 VERT. 1 0 1  
 SCALE IN FEET

DATE 12/14/09  
 DRAWN BY SAH  
 CHECKED BY MJL

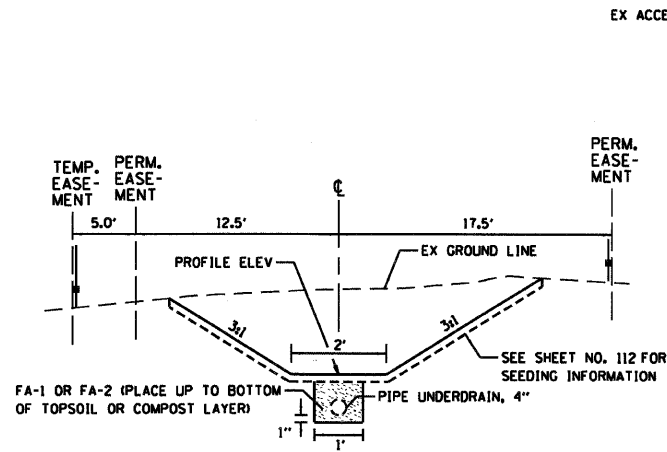


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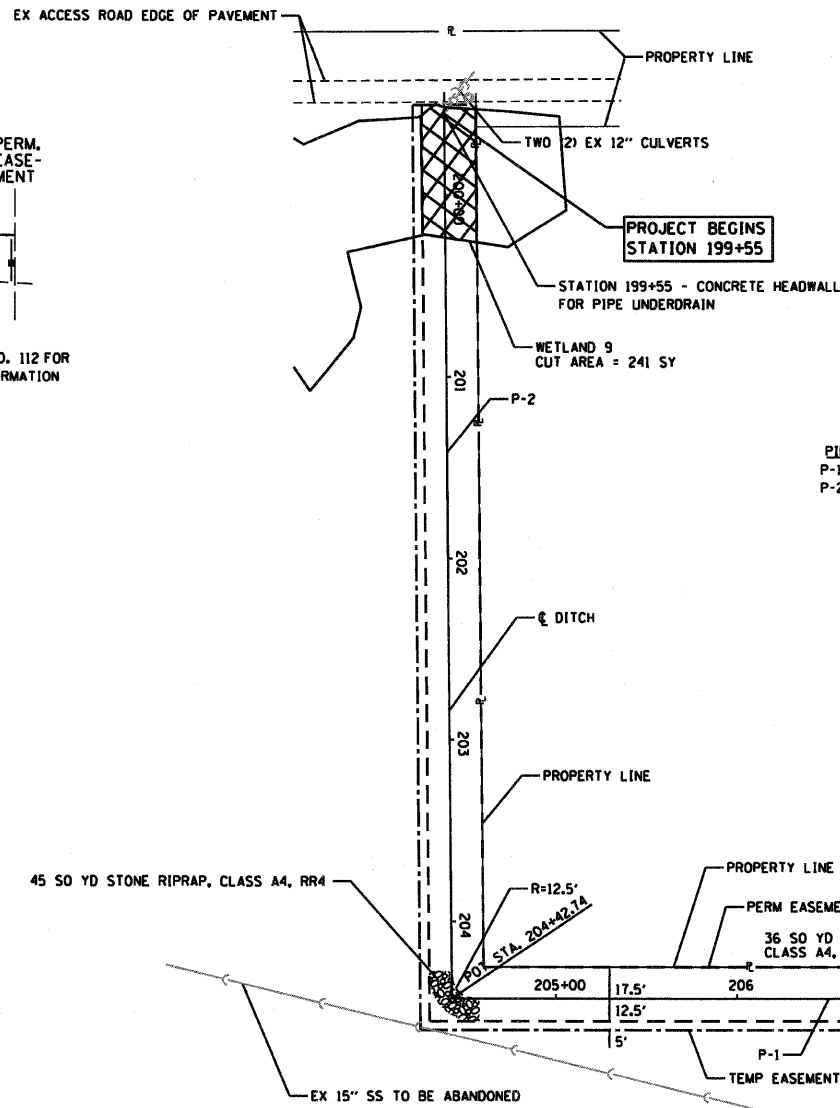




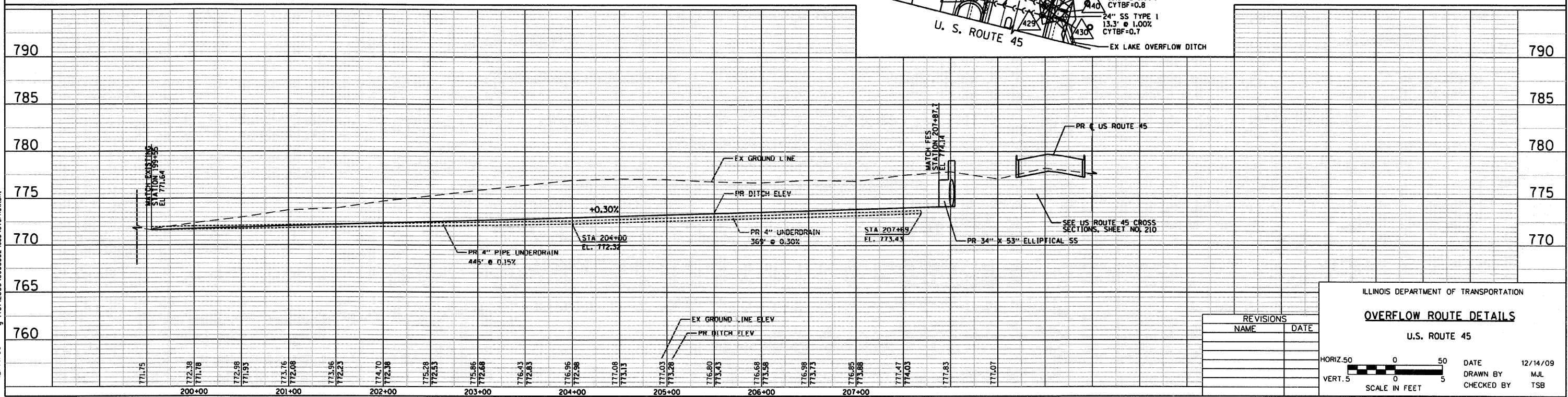
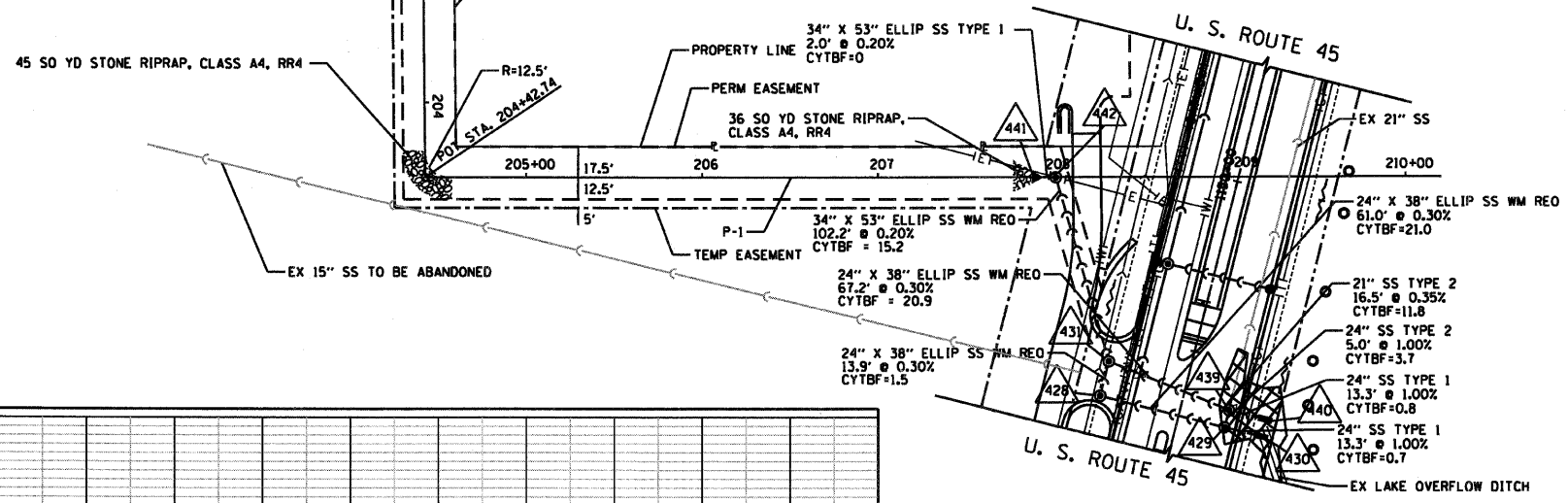
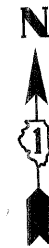
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	97
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60956				



DITCH TYPICAL CROSS SECTION  
LOOKING NORTH/WEST



PIPE UNDERDRAIN  
P-1 369' @ 0.30%  
P-2 445' @ 0.15%



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**OVERFLOW ROUTE DETAILS**

U.S. ROUTE 45

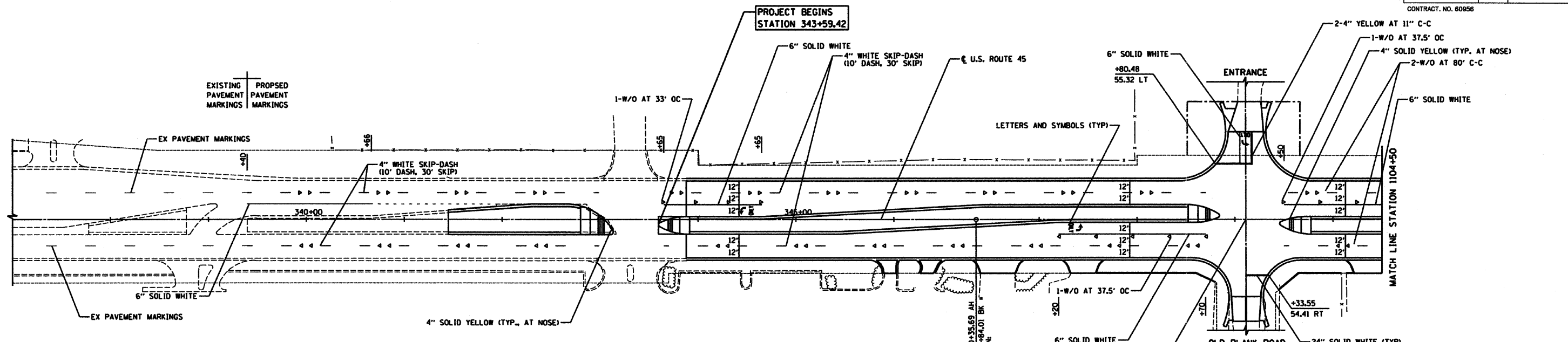
HORIZ. 50 0 50  
VERT. 5 0 5  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY M.J.L.  
CHECKED BY T.S.B.



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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-IS&47)WRS-2	LAKE	234	98
STA. 343+59.42		TO STA. 1119+50		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 80956				



**LEGEND**

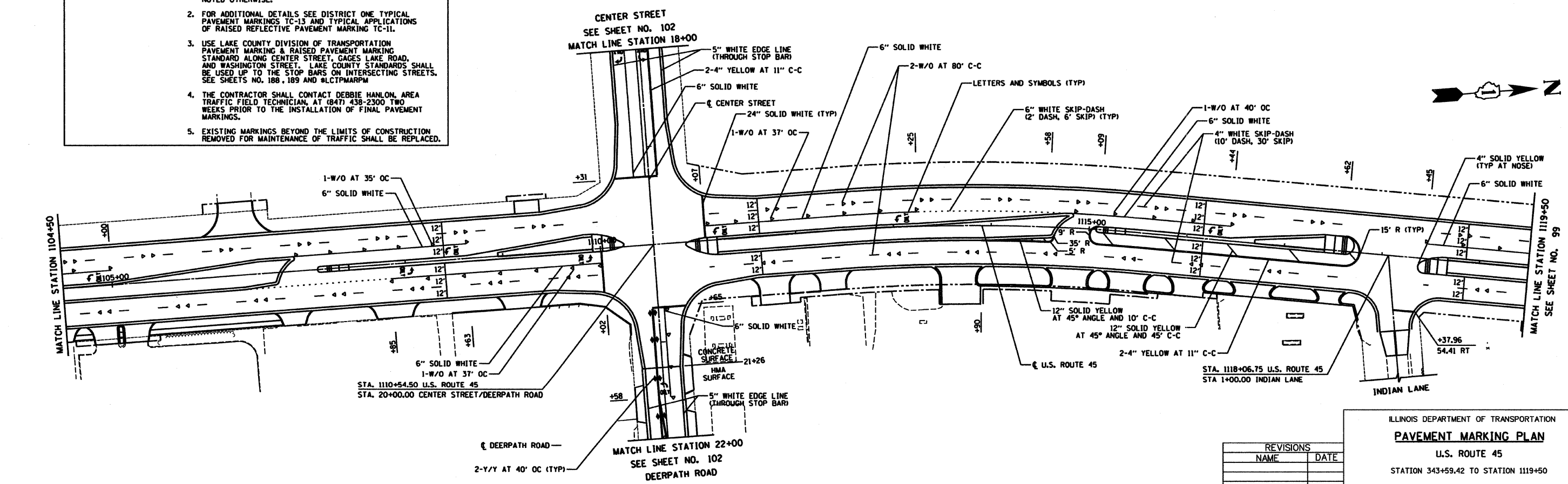
PROPOSED RAISED REFLECTIVE PAVEMENT MARKERS

30'	10'	10'	10'	10'	10'
-----	-----	-----	-----	-----	-----

ONE WAY AMBER MARKER Y/O ◀  
ONE-WAY CRYSTAL MARKER W/O ◀  
TWO-WAY AMBER MARKER Y/Y ▶  
TWO-WAY RED/CRYSTAL MARKER W/R ▶

**NOTES:**

- POLYUREA TYPE I PAVEMENT MARKINGS SHALL BE USED ON ALL PCC SURFACES AND THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED ON ALL HMA SURFACES UNLESS NOTED OTHERWISE.
- FOR ADDITIONAL DETAILS SEE DISTRICT ONE TYPICAL PAVEMENT MARKINGS TC-13 AND TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKING TC-11.
- USE LAKE COUNTY DIVISION OF TRANSPORTATION PAVEMENT MARKING & RAISED PAVEMENT MARKING STANDARD ALONG CENTER STREET, GAGES LAKE ROAD, AND WASHINGTON STREET. LAKE COUNTY STANDARDS SHALL BE USED UP TO THE STOP BARS ON INTERSECTING STREETS. SEE SHEETS NO. 188, 189 AND #LC1PMPM
- THE CONTRACTOR SHALL CONTACT DEBBIE HANLON, AREA TRAFFIC FIELD TECHNICIAN, AT (847) 438-2300 TWO WEEKS PRIOR TO THE INSTALLATION OF FINAL PAVEMENT MARKINGS.
- EXISTING MARKINGS BEYOND THE LIMITS OF CONSTRUCTION REMOVED FOR MAINTENANCE OF TRAFFIC SHALL BE REPLACED.



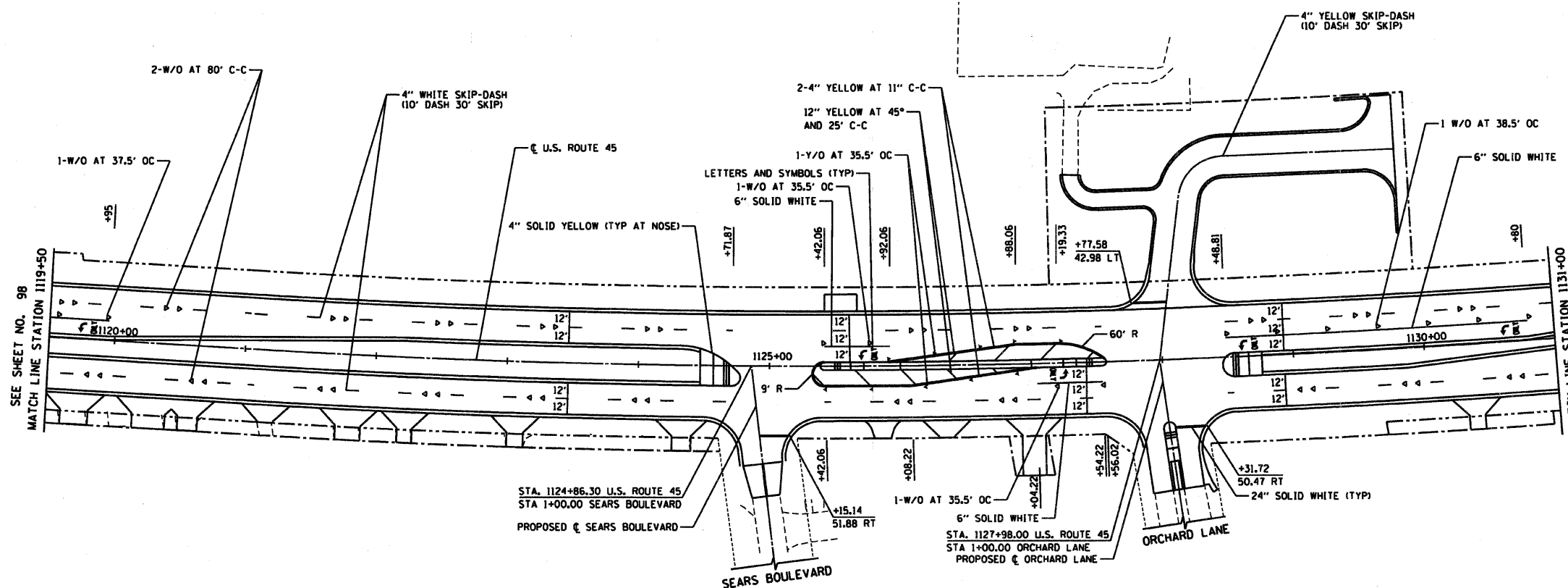
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**  
U.S. ROUTE 45  
STATION 343+59.42 TO STATION 1119+50

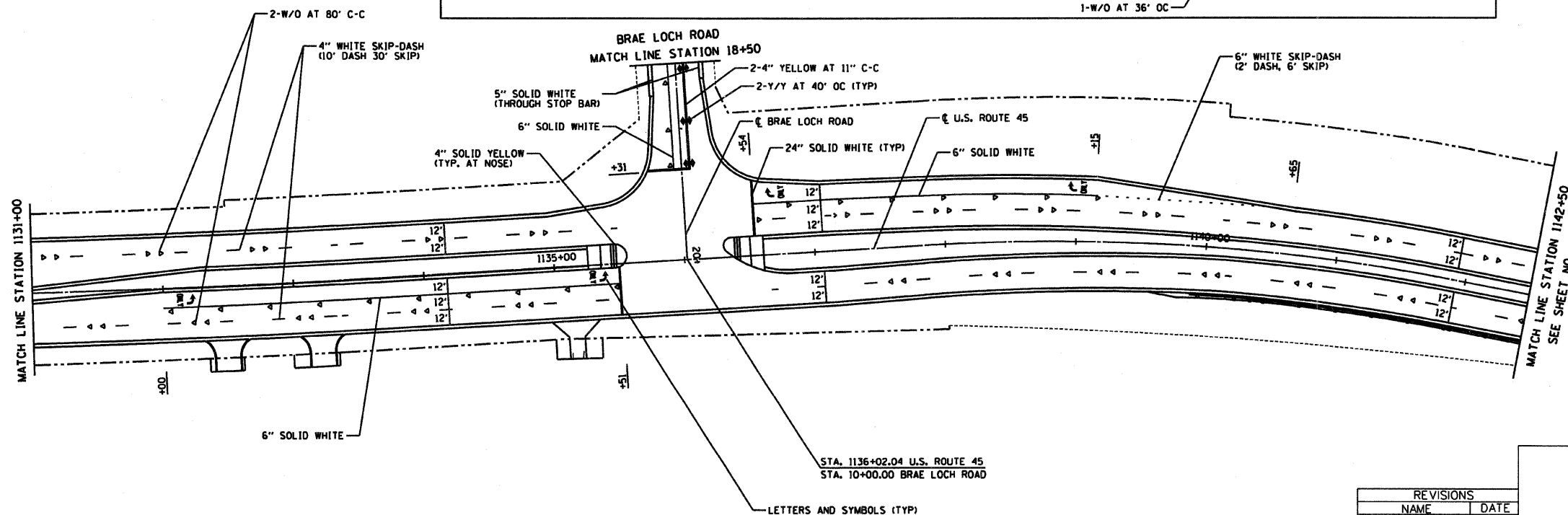
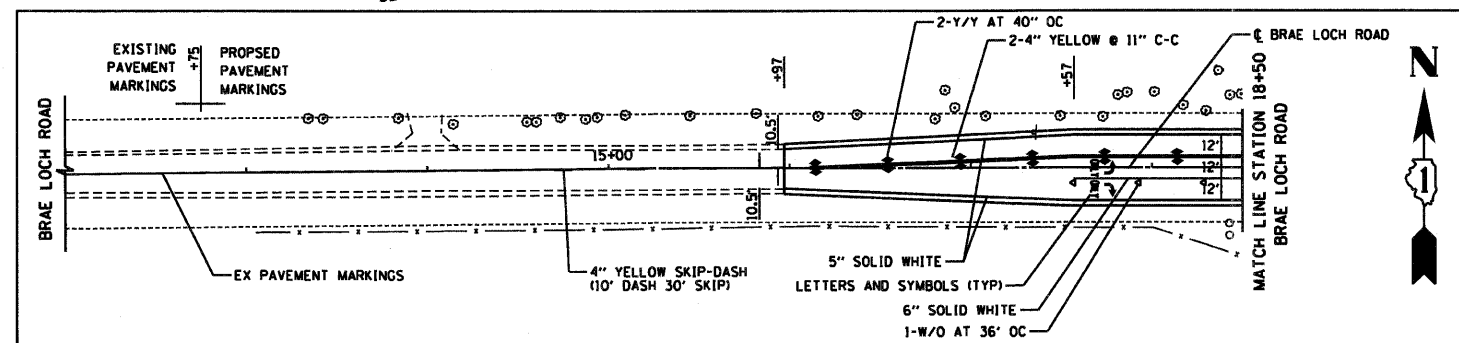
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SCALE IN FEET

DATE 4/2/10  
DRAWN BY SAH  
CHECKED BY MJL

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	99
STA.	1119+50	TO STA.	1142+50	
FED. ROAD DIST. NO.	7	ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60956				



FOR LEGEND AND NOTES  
SEE SHEET NO. 98



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**  
U.S. ROUTE 45  
STATION 1119+50 TO STATION 1142+50

HORIZ. 50 0 50  
SCALE IN FEET

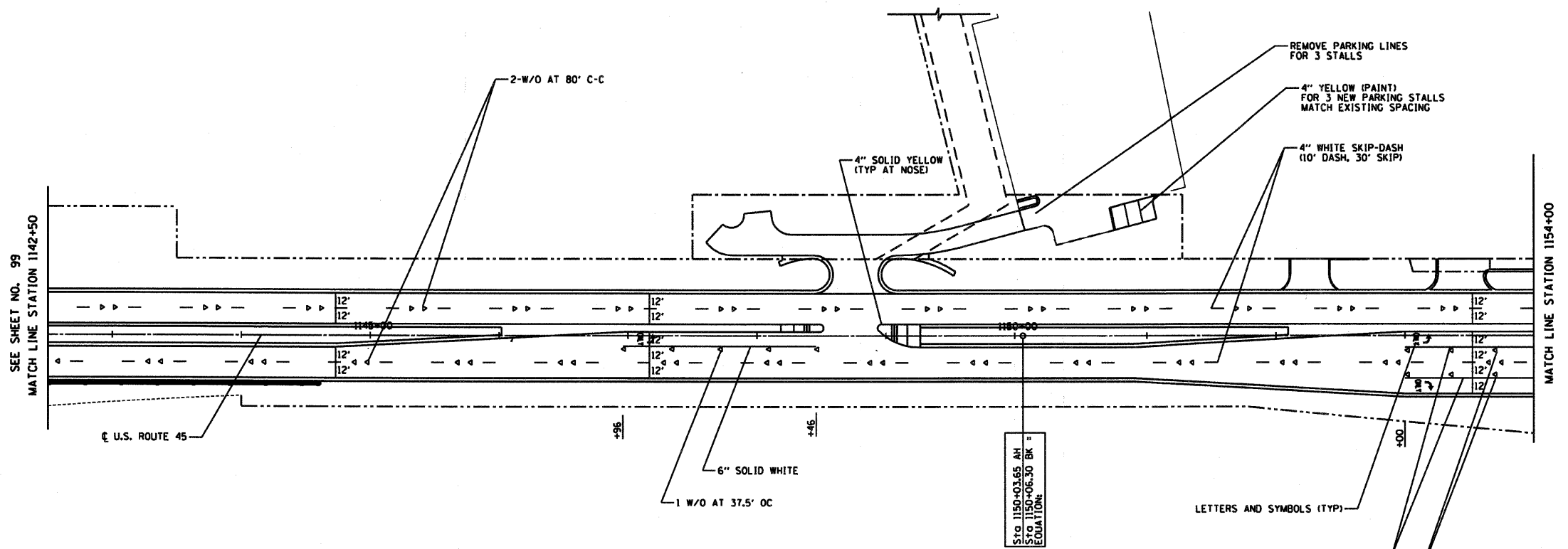
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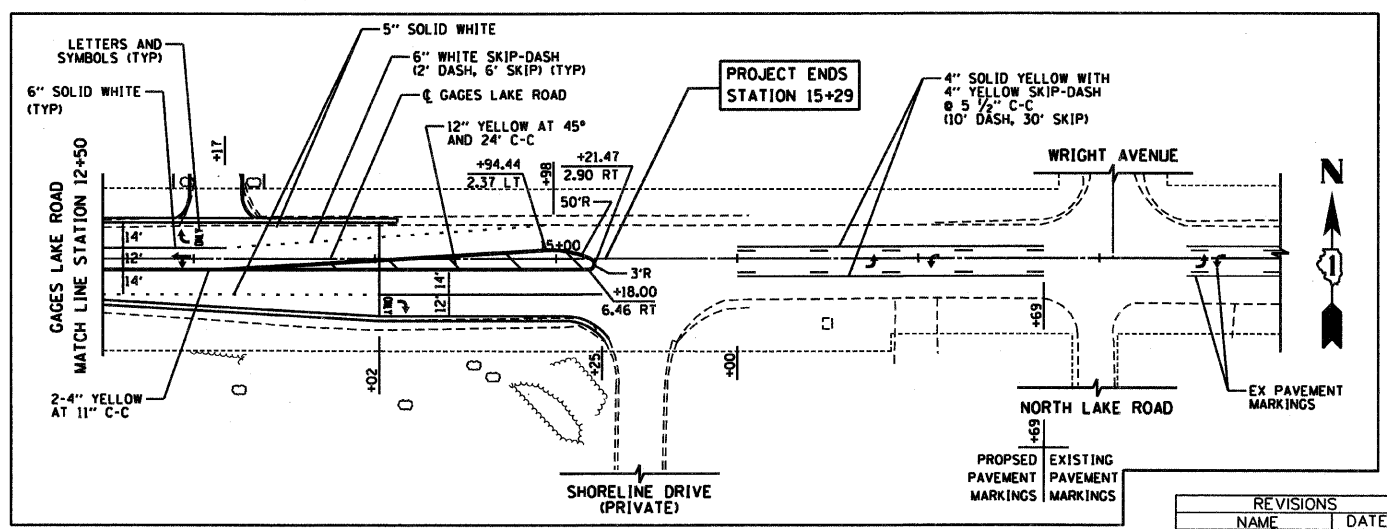
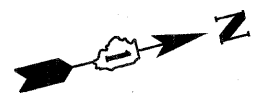
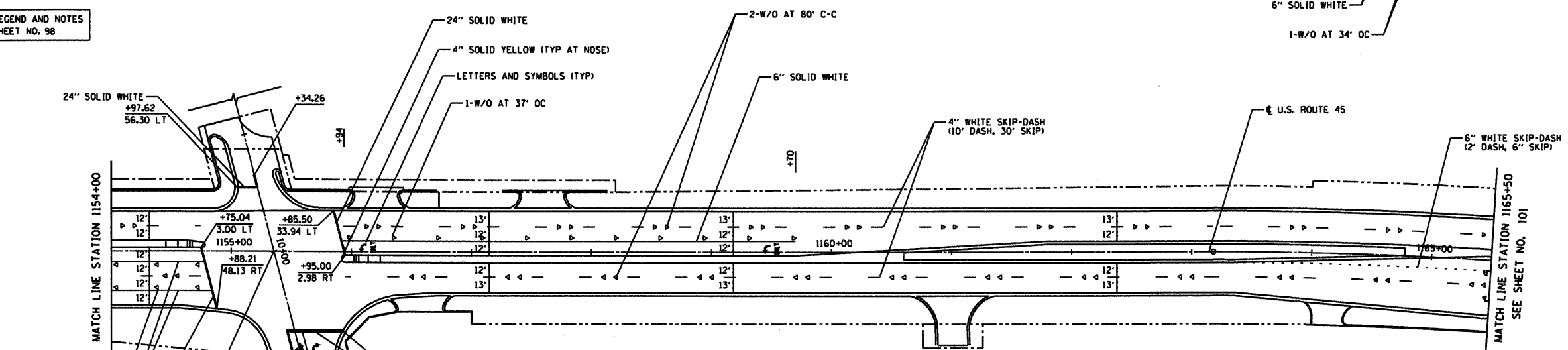
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RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-15&47)WRS-2	LAKE	234	100
STA.	1142+50	TO STA.	1165+50	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60956				



FOR LEGEND AND NOTES  
SEE SHEET NO. 98



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**  
U.S. ROUTE 45  
STATION 1142+50 TO STATION 1165+50

HORIZ. 50 0 50  
SCALE IN FEET

DATE 12/14/09  
DRAWN BY SAH  
CHECKED BY M.J.L.



12/14/09 - g:\401\2000\0005302\cadd\pavm\_114250.sht