

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199 + 2 201	1

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN:  
FRANKFORT TOWNSHIP  
VILLAGE OF MOKENA  
VILLAGE OF FRANKFORT

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

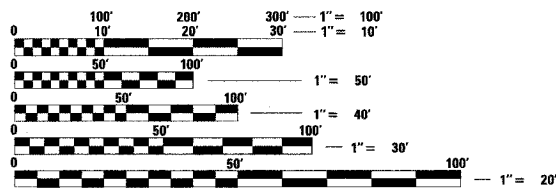
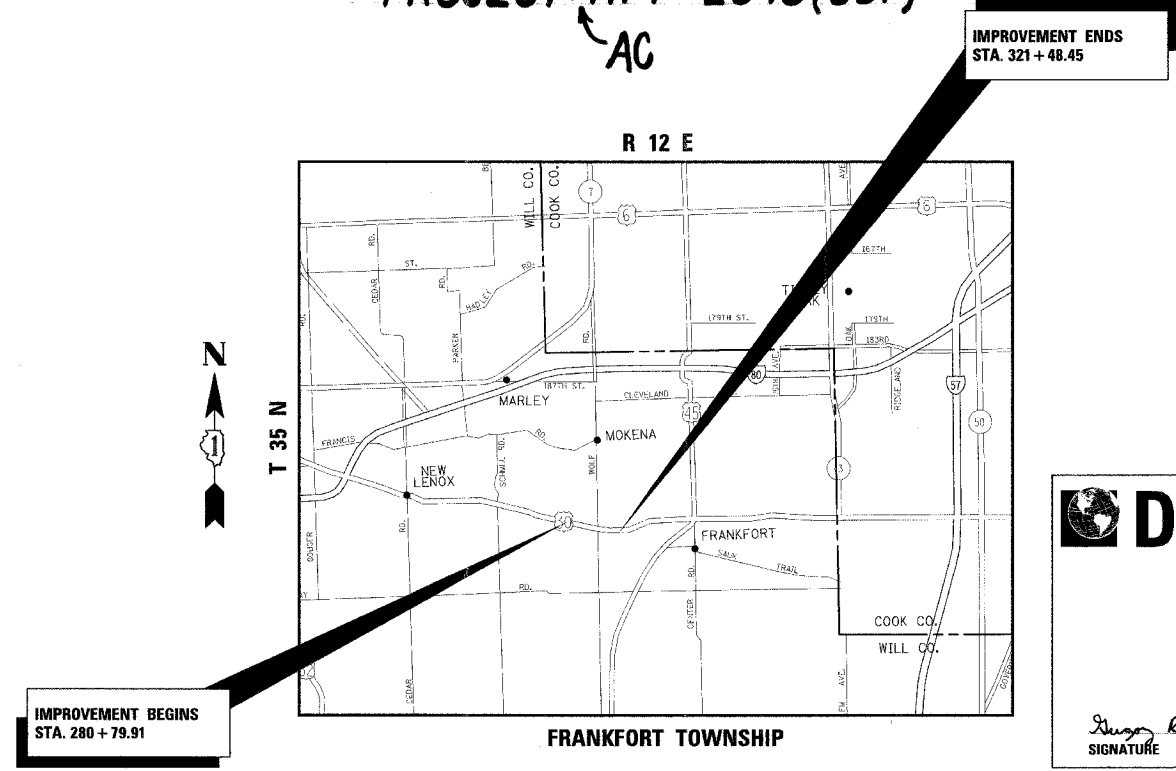
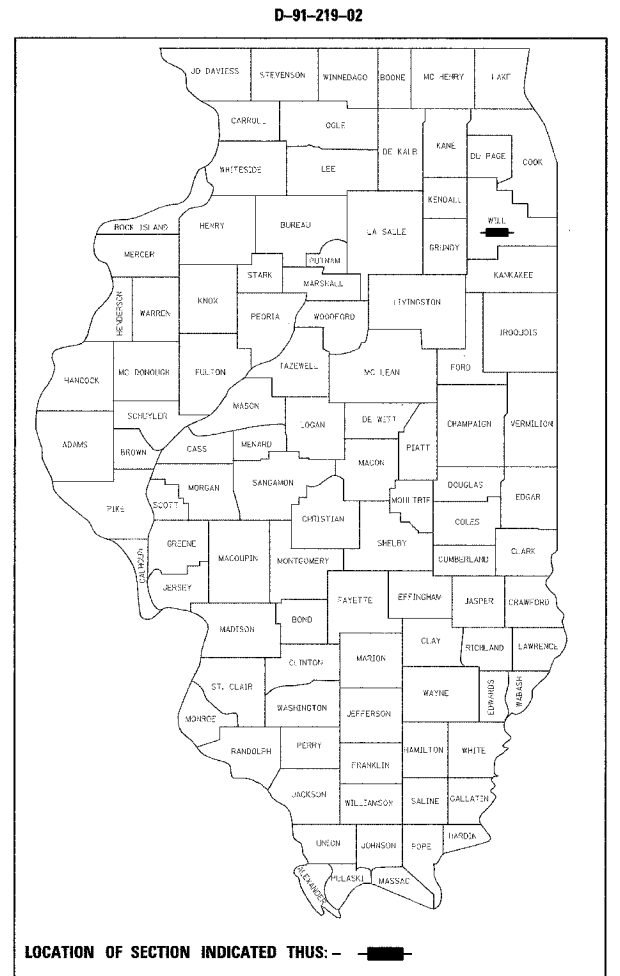
**DESIGN DESIGNATION**

2,340 (20) OTHER PRICIPAL ARTERIAL 4.27 (FD-20)

**TRAFFIC DATA**

	ADT (1998)	DESIGN SPEED	POSTED SPEED
U. S. RTE 30			
GARFIELD TO WOLF	16,000	50	45
WOLF TO HACKBERRY	16,000	50	45
WOLF ROAD (S LEG)	6,500	50	45
WOLF ROAD (N LEG)	10,500	50	45

**F.A.P. 353 / U.S. 30 (LINCOLN HWY.) & WOLF RD.  
INTERSECTION RECONSTRUCTION**  
SECTION: 12R - 4  
WILL COUNTY  
C-91-189-07  
PROJECT: HPP-2040(001)



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

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

CONTRACT NO. 60C25

ROADWAY DESIGNED BY

**DLZ** 85 W. ALGONQUIN, SUITE 220  
ARLINGTON HEIGHTS, IL 60005  
(847) 640-0840

Gregory R. Brumm  
REGISTERED PROFESSIONAL ENGINEER  
11/30/2009 EXPIRES

Signature: *Gregory R. Brumm*

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED MARCH 14, 2008

*Diana M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 27, 2008  
*Eric E. Harner*  
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

June 27, 2008  
*Christie M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**STATE STANDARDS**

STD. NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
542306-01	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311	GRATING FOR CONCRETE FLARED END SECTION (FOR 600 mm (24") THRU 1350 mm (54") PIPE)
602001	CATCH BASIN, TYPE A
602011	CATCH BASIN TYPE C
602301-01	INLET - TYPE A
602306-01	INLET - TYPE B
602401-01	MANHOLE TYPE A
602406-02	MANHOLE TYPE A 1800MM (72") DIAMETER
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-01	CAST IRON STEPS
604001-02	FRAME AND LIDS, TYPE 1
604036-01	GRATE TYPE 8
604056-02	FRAME AND GRATE TYPE 11V
604091-01	FRAME AND GRATE TYPE 24
606001-03	CONC CURB AND COMBINATION CONC CURB AND GUTTER
606006-01	OUTLETS FOR CONC. CURB AND GUTTER TYPE B-15.60 (B-6.24)
606301-09	PC CONCRETE ISLAND AND MEDIANS
664001-01	CHAIN LINK FENCE
701001-01	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 4.5 m (15') AWAY
701006-02	OFF-RD OPERATIONS, 2L, 2W, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
701011-01	OFF-RD OPERATIONS, 2L, 2W, DAY ONLY
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-02	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701501-04	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-02	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701901	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006-01	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-01	MAST ARM MOUNTED STREET NAME SIGNS
728001	TELESCOPING STEEL SIGN SUPPORT
729001	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-01	CONCRETE HANDHOLES
814006-01	DOUBLE HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-01	TRAFFIC SIGNAL GROUNDING & BONDING
877001-03	STEEL MAST ARM ASSEMBLY AND POLE
878001-06	CONCRETE FOUNDATION DETAILS
880001	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006	TRAFFIC SIGNAL MOUNTING DETAILS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUTS FOR DETECTION LOOPS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center"><b>INDEX OF SHEETS STATE STANDARDS</b></p> <p align="center">U.S. RTE. 30 (LINCOLN HIGHWAY)</p> <p>SCALE : 1" = NTS      DRAWN BY : BAE DATE : 3 /21/08      CHECKED BY : GB</p>

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	3
STA.		TO STA.		
FED. ROAD DIST. NO.		FED. AID PROJECT		

**GENERAL NOTES**

1. ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM UNLESS OTHERWISE NOTED.
2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
3. 10 FEET (3000 MM) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB & GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE LOCAL AGENCIES.
5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
6. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
7. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 3:1 (H:V).
8. BUTT JOINTS WILL 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.
9. WHERE SECTION, SUBSECTION, SUBDIVISION OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
10. DURING CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF THE GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
11. THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.
12. PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS TO CONCRETE MEDIAN SURFACES AND BARRIER, APPROACH AND SHOULDER SLABS, ALL EXPOSED SURFACES OF CURBS AND GUTTERS. ANY PART OF THIS ITEM CAN BE DELETED OR ANOTHER ADDED AT THE DISCRETION OF THE ENGINEER.
13. SAW CUTTING: A SAW CUT SHALL BE REQUIRED TO THE FULL DEPTH AT THE JOINT BETWEEN PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, HOT-MIX ASPHALT SURFACES TO BE REMOVED AND THAT LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.
14. A MINIMUM THICKNESS OF 4 INCHES (100 MM) OF TOPSOIL SHALL BE PLACED OVER THE ENTIRE AREA TO BE SODDED OR SEEDED.
15. WHEREVER CONCRETE MASONRY WALLS, HEADWALLS, OR OTHER OBSTRUCTIONS ARE ENCOUNTERED, THEY SHALL BE REMOVED TO AN ELEVATION OF 1 FOOT (300 MM) BELOW THE ESTABLISHED GRADE OR SUBGRADE AS SHOWN ON THE PLANS. SUCH WORK SHALL BE CONSIDERED INCLUDED IN EARTH EXCAVATION.
16. THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
17. DRAINAGE STRUCTURE GRADES AND LOCATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS.
18. THE NEWLY PLACE AGGREGATE BASE COURSE IS NOT INTENDED TO BE UTILIZED BY THE CONTRACTOR AS A HAUL ROUTE.
19. ANY AGGREGATE SUBGRADE, 12" (300 MM) DAMAGED BY THE CONTRACTOR'S VEHICLES, TRUCKS OR EQUIPMENT IS TO BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE MADE FOR THIS WORK.
20. NO ADDITIONAL COMPENSATION WILL BE MADE FOR REMOVAL OF STUMPS OR TREE ROOTS THAT ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS.
21. ADDED EXPENSE INVOLVED IN CONNECTING EXISTING DRAIN TILES, PIPE CULVERTS, OR SEWERS TO THE PROPOSED DRAINAGE SYSTEM SHALL BE CONSIDERED INCLUDED IN OTHER DRAINAGE ITEMS.
22. UNDERDRAIN SLOP WALL AND PIPE REMOVAL SHALL BE INCIDENTAL TO EARTHWORK.

21. LOCATIONS AND ELEVATIONS OF DRAINAGE STRUCTURES LOCATED IN THE CURB AND GUTTER ARE GIVEN TO THE EDGE OF PAVEMENT. FOR STRUCTURES NOT IN THE CURB AND GUTTER THE LOCATION AND ELEVATION ARE GIVEN TO THE CENTER OF STRUCTURE. FOR FLARED END SECTIONS THE LOCATION AND ELEVATION ARE GIVEN TO THE CENTER OF THE INLET OR OUTLET END RESPECTIVELY.
22. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS. THE CONTRACTOR SHALL ERECT A TEMPORARY CONSTRUCTION FENCE AT THE R. O. W. /EASEMENT LINE THROUGHOUT THE LIMITS OF THE IMPROVEMENT.
23. AFTER STAKING OF THE CONSTRUCTION LIMITS, A REPRESENTATIVE FROM IDOT'S ROADSIDE DEVELOPMENT UNIT WILL MEET WITH THE ENGINEER AND CONTRACTOR AT THE SITE TO IDENTIFY TREES TO BE PROTECTED AND SAVED DURING CONSTRUCTION. LIMITS WILL ALSO BE DEFINED FOR SELECTIVE CLEARING OF INVASIVE SCRUB GROWTH AND FOR WEED CONTROL. QUANTITIES AND PAY ITEMS HAVE BEEN INCLUDED FOR TREE PROTECTION, TREE PRUNING, SELECTIVE CLEARING AND WEED CONTROL.
24. TWO WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS, CONTACT CORA MATHIS, AREA TRAFFIC FIELD ENGINEER @ 815-485-6475.
25. THE CURB DEPTH SHOULD BE TO THE BOTTOM OF THE ASPHALT PAVEMENT.

**COMMITMENTS**

1. THERE ARE STILL OUTSTANDING SPECIAL WASTE ISSUES THAT MUST BE ADDRESSED. A SPECIAL WASTE WAIVER WILL BE REQUESTED WHICH ALLOWS DESIGN APPROVAL TO BE GRANTED PRIOR TO THE COMPLETION OF SPECIAL WASTE STUDIES. RIGHT-OF-WAY REQUIRED FROM ANY CONTAMINATED PARCEL OR OTHER JUST SITES WILL NOT BE ACQUIRED UNTILL THE PSI, OR SUBSEQUENT STUDIES, ARE COMPLETED.
2. THE CONTRACTOR SHALL CONTACT STEVE LIPKIE IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 48 HOURS IN ADVANCE OF TRANSPLANTING WORK TO ASSIST WITH LAYOUT IN NEW LOCATIONS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center"><b>GENERAL NOTES</b></p> <p align="center">U.S. RTE. 30 (LINCOLN HIGHWAY)</p> <p>SCALE : 1" = NTS      DRAWN BY : BAE</p> <p>DATE : 3 /21/08      CHECKED BY : GB</p>



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE #	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODE				
				ROADWAY I000-1A	SIGNALS Y031-1F	FIRE HYDRANT Y060	DETOUR I000-1A	BIKE PATH Y046
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	479	479				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	198	198				
20101000	TEMPORARY FENCE	FOOT	240	240				
20200100	EARTH EXCAVATION	CU YD	15482	15482				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	8185	8185				
20400800	FURNISHED EXCAVATION	CU YD	2558	2558				
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	800	800				
20800150	TRENCH BACKFILL	CU YD	2389	2389				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	12317	12317				
21101630	TOPSOIL FURNISH AND PLACE, 8"	SQ YD	5711	5711				
21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	1617	1617				
25000310	SEEDING, CLASS 4	ACRE	0.5	0.5				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	254	254				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	254	254				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	254	254				
25100630	EROSION CONTROL BLANKET	SQ YD	1617	1617				
25200110	SODDING, SALT TOLERANT	SQ YD	18031	18031				
25200200	SUPPLEMENTAL WATERING	UNIT	361	361				
25300600	TRANSPLANTED SALVAGED TREES	EACH	23	23				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	678	678				
28000300	TEMPORARY DITCH CHECKS	EACH	23	23				
28000500	INLET AND PIPE PROTECTION	EACH	27	27				
28000510	INLET FILTERS	EACH	94	94				
28100105	STONE RIPRAP, CLASS A3	SQ YD	62	62				
28200200	FILTER FABRIC	SQ YD	62	62				
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	138	138				
31102200	SUB-BASE GRANULAR MATERIAL, TYPE C 5"	SQ YD	261	281				
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	2274					2274
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	728	728				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	68.3	68.3				
40600300	AGGREGATE (PRIME COAT)	TON	15	15				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1	1				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	676	676				
40600990	TEMPORARY RAMP	SQ YD	142	142				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	33	33				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	2219	2219				
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	469	87				382
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	766	766				

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES U.S. RTE. 30 (LINCOLN HIGHWAY)  SCALE : 1" = 50' DATE : 03/21/2008	DRAWN BY : BAE CHECKED BY : GB
NAME	DATE		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

80% FED. 20% STATE  
 50% STATE 31.5% MOKENA 12.5% FRANKFORT  
 75% MOKENA 25% FRANKFORT  
 50% STATE 50% MOKENA

CODE #	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODE				
				ROADWAY I000-1A	SIGNALS Y031-1F	FIRE HYDRANT Y060	DETOUR I000-1A	BIKE PATH Y046
40701956	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"	SQ YD	22913	22913				
42001300	PROTECTIVE COAT	SQ YD	4957	4957				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	432	432				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14268	14268				
42400800	DETECTABLE WARNINGS	SQ FT	490	490				
44000100	PAVEMENT REMOVAL	SQ YD	19,742	19,742				
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	506	506				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3277	3277				
44000300	CURB REMOVAL	FOOT	362	362				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3437	3437				
44000600	SIDEWALK REMOVAL	SQ FT	796	796				
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	12	12				
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	148	148				
44003800	MEDIAN SURFACE REMOVAL	SQ FT	479	479				
44004250	PAVED SHOULDER REMOVAL	SQ YD	884	884				
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	21	21				
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	38	38				
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	135	135				
48101200	AGGREGATE SHOULDERS, TYPE B	TON	115	115				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	281	281				
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1				
50104300	CONCRETE HEADWALL REMOVAL	CU YD	1.3	1.3				
50105220	PIPE CULVERT REMOVAL	FOOT	439	439				
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	87	87				
5421A015	PIPE CULVERTS, CLASS A, TYPE 1 15" (TEMPORARY)	FOOT	106	106				
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2				
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1				
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2				
54213672	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 27"	EACH	1	1				
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1				
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1	1				
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	1	1				
54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	1	1				
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	2				
54247140	GRATING FOR CONCRETE FLARED END SECTION 27"	EACH	1	1				
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1	1				
54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	1	1				
54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 30"	EACH	1	1				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	241	241				

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION <b>SUMMARY OF QUANTITIES</b> U.S. RTE. 30 (LINCOLN HIGHWAY)  SCALE : 1" = 50' DATE : 03/21/2008	DRAWN BY : BAE CHECKED BY : GB
NAME	DATE		

DLZ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	6
STA.		TO STA.		
FED. ROAD DIST. NO.		BLINDS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE #	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODE				
				ROADWAY I000-1A	SIGNALS Y031-1F	FIRE HYDRANT Y060	DETOUR I000-1A	BIKE PATH Y046
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	124	124				
550A0130	STORM SEWERS, CLASS A, TYPE 1 27"	FOOT	54	54				
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	15	15				
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	77	77				
550A0200	STORM SEWERS, CLASS A, TYPE 1 54"	FOOT	109	109				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2613	2613				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	590	590				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	9	9				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	592	592				
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	367	367				
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	45	45				
550A0730	STORM SEWERS, CLASS A, TYPE 3 30"	FOOT	30	30				
550A1340	STORM SEWERS, CLASS A, TYPE 5 42"	FOOT	58	58				
55034500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 38, RISE 24	FOOT	38	38				
55100200	STORM SEWER REMOVAL 6"	FOOT	50	50				
55100500	STORM SEWER REMOVAL 12"	FOOT	613	613				
55100700	STORM SEWER REMOVAL 15"	FOOT	185	185				
55100900	STORM SEWER REMOVAL 18"	FOOT	64	64				
55101200	STORM SEWER REMOVAL 24"	FOOT	425	425				
55101300	STORM SEWER REMOVAL 27"	FOOT	10	10				
552A0200	STORM SEWERS JACKED IN PLACE, CLASS A 12"	FOOT	313	313				
552A0600	STORM SEWERS JACKED IN PLACE, CLASS A 18"	FOOT	89	89				
552A0900	STORM SEWERS JACKED IN PLACE, CLASS A 24"	FOOT	184	184				
56400100	FIRE HYDRANTS TO BE MOVED	EACH	10		10			
60107600	PIPE UNDERDRAINS 4"	FOOT	569	569				
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1				
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	14	14				
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1				
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	11	11				
60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	EACH	1	1				
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	30	30				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9				
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15	15				
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60240312	INLETS, TYPE B, TYPE 11V FRAME AND GRATE	EACH	4	4				
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	28	28				

REVISIONS NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES U.S. RTE. 30 (LINCOLN HIGHWAY)  SCALE : 1" = 50' DATE : 03/21/2008 DRAWN BY : BAE CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE #	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODE				
				ROADWAY 1000-1A	SIGNALS Y031-1F	FIRE HYDRANT Y060	DETOUR 1000-1A	BIKE PATH Y046
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2	2				
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3				
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	6	6				
60500040	REMOVING MANHOLES	EACH	3	3				
60500050	REMOVING CATCH BASINS	EACH	10	10				
60500060	REMOVING INLETS	EACH	7	7				
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	8.2	8.2				
60600605	CONCRETE CURB, TYPE B	FOOT	217	217				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	432	432				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	6868	6868				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1842	1842				
60620200	CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)	SQ FT	2725	2725				
63200310	GUARDRAIL REMOVAL	FOOT	276	276				
66400105	CHAIN LINK FENCE, 4'	FOOT	409					409
67100100	MOBILIZATION	L SUM	1	1				
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	2				2	
70103817	TRAFFIC CONTROL SURVEILLANCE (SPECIAL)	CAL DA	28	28				
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16	16				
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1629	1629				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2485	2485				
72000100	SIGN PANEL - TYPE 1	SQ FT	247	235	12			
72000200	SIGN PANEL - TYPE 2	SQ FT	50	20	30			
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	407	407				
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1128.4	1128.4				
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	17442	17442				
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4234	4234				
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2482	2482				
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2625	2625				
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	391	391				
78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	546	546				
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	65163	65163				
78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	2678	2678				
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	2093	2093				
78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	393	393				
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	145.6	145.6				
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	4283	4283				
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	185	185				

\*SPECIALTY ITEMS

REVISIONS	ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	SUMMARY OF QUANTITIES
DATE	U.S. RTE. 30 (LINCOLN HIGHWAY)
	SCALE : 1" = 50'
	DATE : 03/21/08
	DRAWN BY : BAE
	CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE #	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODE				
				80% FED. 20% STATE ROADWAY 1000-1A	50% STATE 37.5% MAKENA 12.5% FRANKFORT SIGNALS Y031-1F	100% MAKENA FIRE HYDRANT Y060	75% MAKENA 25% FRANKFORT DETOUR 1000-1A	50% STATE 50% MAKENA BIKE PATH Y046
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	112	112				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	467	467				
78300100	PAVEMENT MARKING REMOVAL	SQ FT	17116	17116				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	377	377				
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1304		1304			
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	241		241			
81001000	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10		10			
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	606		606			
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	642		642			
81400100	HANDHOLE	EACH	8		8			
81400200	HEAVY-DUTY HANDHOLE	EACH	4		4			
81400300	DOUBLE HANDHOLE	EACH	2		2			
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1555		1555			
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1			
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1			
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1824		1824			
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3145		3145			
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	357		357			
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3810		3810			
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5314		5314			
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	63		63			
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4		4			
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16		16			
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4		4			
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60		60			
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1		1			
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7		7			
88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3		3			
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1			
88100200	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED	EACH	8		8			
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8		8			
88500100	INDUCTIVE LOOP DETECTOR	EACH	9		9			
88600100	DETECTOR LOOP, TYPE I	FOOT	772		772			
88700200	LIGHT DETECTOR	EACH	2		2			
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8		8			
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1			
89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2		2			
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1		1			

\* SPECIALTY ITEMS

REVISIONS	ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	SUMMARY OF QUANTITIES
DATE	U.S. RTE. 30 (LINCOLN HIGHWAY)
	SCALE : 1" = 50'
	DATE : 03/21/2008
	DRAWN BY : BAE
	CHECKED BY : GB





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	9
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

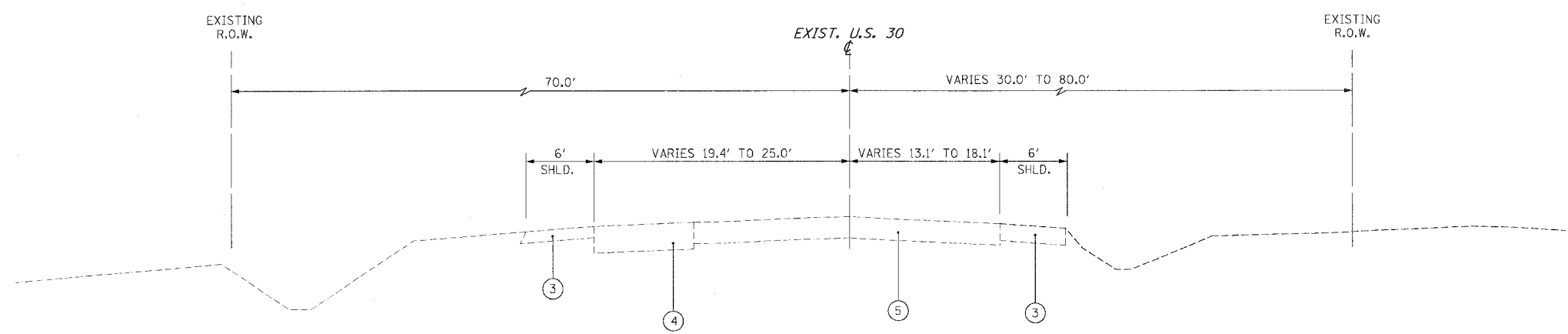
CODE #	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODE				
				ROADWAY 1000-1A	SIGNALS Y031-1F	FIRE HYDRANT Y060	DETOUR I000-1A	BIKE PATH Y040
X0301834	STORM SEWER TO BE FILLED	FOOT	237	237				
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	289	289				
X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	128	128				
X0322089	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	125	125				
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	102.8	102.8				
X0322467	TEMPORARY INFORMATION SIGNING FOR LANE CLOSURE	SQ FT	48	48				
X0322125	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	164	164				
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1667					1667
* X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1325		1325			
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	6287	6287				
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	6287	6287				
* X0324007	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1		1			
X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	7458	7458				
X0325837	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 6 INCH	FOOT	179	179				
X0325840	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 12 INCH	FOOT	210	210				
X0712400	TEMPORARY PAVEMENT	SQ YD	3175	3175				
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	9	9				
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	919	919				
X6020097	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, OPEN LID, RESTRICTOR PLATE	EACH	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12				
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1			
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	962		962			
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1139		1139			
* X8900040	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1			
* XX003660	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM24F SM12F	FOOT	1325		1325			
XX004592	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2				
XX005630	TEMPORARY AGGREGATE SHOULDER	TON	745	745				
XX005656	INLET FILTER CLEANING	EACH	188	188				
XX006661	UNINTERRUPTABLE POWER SUPPLY	EACH	1		1			
20076600	TRAINEES	HR	3000	3000				
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	29213	29213				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
X0326140	STORM SEWER REMOVAL 2"	FOOT	24	24				
35600730	HOT-MIX ASPHALT BASE COURSE WIDENING, 13 1/2"	SQ YD	49	49				
X0326139	TEMPORARY TRAFFIC SIGNAL, WOOD POLE	EACH	1		1			
* X0326136	FULL-ACTUATED CONTROLLER AND CABINET (SPECIAL)	EACH	1		1			
* X0326137	STEEL COMBINATION MAST ARM LOWER ASSEMBLY AND POLE 34 FT.	EACH	1		1			
* X0326138	STEEL COMBINATION MAST ARM LOWER ASSEMBLY AND POLE 36 FT.	EACH	1		1			
* X0326141	STEEL COMBINATION MAST ARM LOWER ASSEMBLY AND POLE 50 FT.	EACH	2		2			

@ Y080  
\* SPECIALTY ITEMS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES U.S. RTE. 30 (LINCOLN HIGHWAY)
NAME	DATE	
		SCALE : 1" = 50' DATE : 03/21/2008 DRAWN BY : BAE CHECKED BY : GB

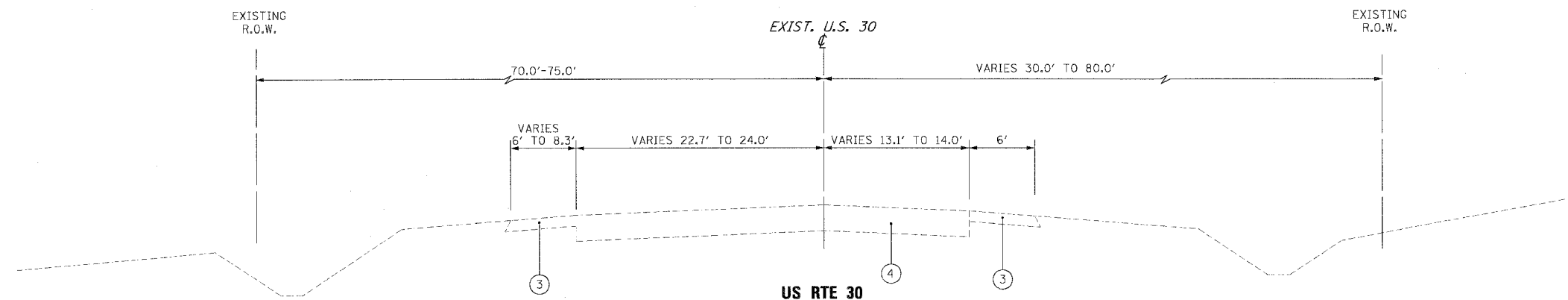
Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	10
STA.		TO STA.		

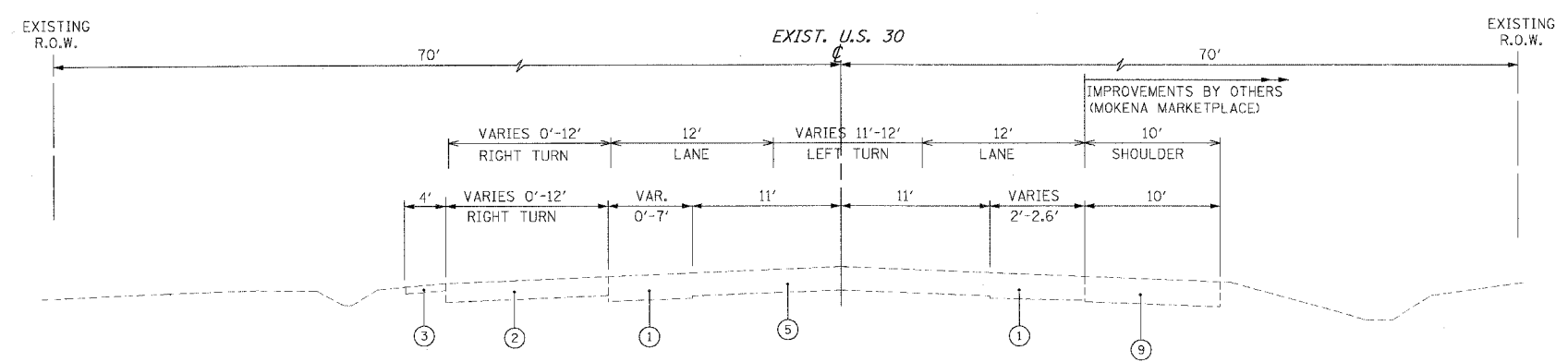


**US RTE 30**  
**EXISTING TYPICAL SECTION**  
 STA. 290+10.1 TO STA. 292+22.8  
 STA. 293+86.8 TO STA. 296+00.0

- EXISTING LEGEND**
- ① HMA PAVEMENT, 12"
  - ② HMA PAVEMENT, 9"
  - ③ GRAVEL OR CRUSHED STONE SHOULDER
  - ④ HMA PAVEMENT, 13½"
  - ⑤ HMA PAVEMENT, 10¾"
  - ⑥ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
  - ⑦ PORTLAND CEMENT CONCRETE PAVEMENT, 10"
  - ⑧ PORTLAND CEMENT CONCRETE SIDEWALK
  - ⑨ HMA PAVEMENT, 10"
  - ⑩ HMA PAVEMENT, 7"
  - ⑪ COMBINATION CURB & GUTTER, TYPE B-6.24



**US RTE 30**  
**EXISTING TYPICAL SECTION**  
 STA. 292+22.8 TO STA. 293+86.8



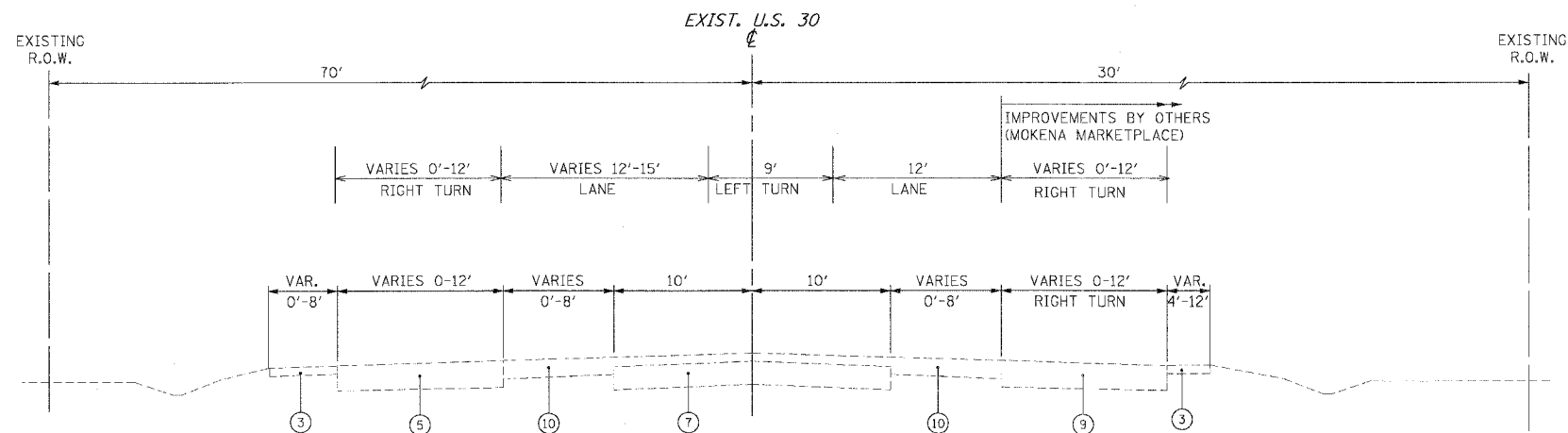
**EXISTING TYPICAL SECTION**  
**U.S. 30**  
 STA. 296+00.0 TO STA. 301+00.0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
 EXISTING  
 U.S. RTE. 30 (LINCOLN HWY)  
 SCALE : 1" = NTS  
 DATE : 03/21/08  
 DRAWN BY : BEC  
 CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



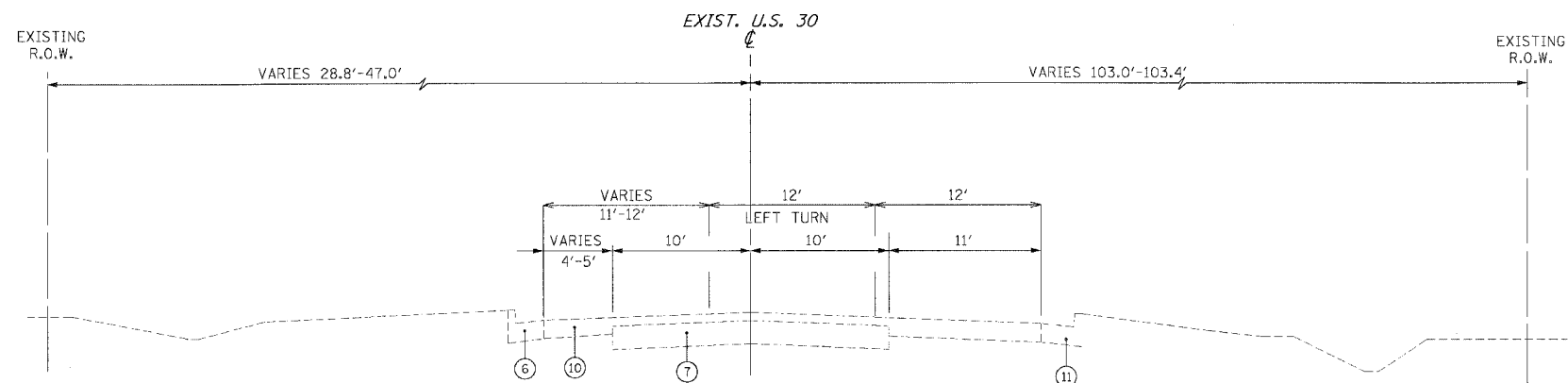
**EXISTING TYPICAL SECTION**

**U.S. 30**

STA. 301+00.0 TO STA. 307+77.9

**EXISTING LEGEND**

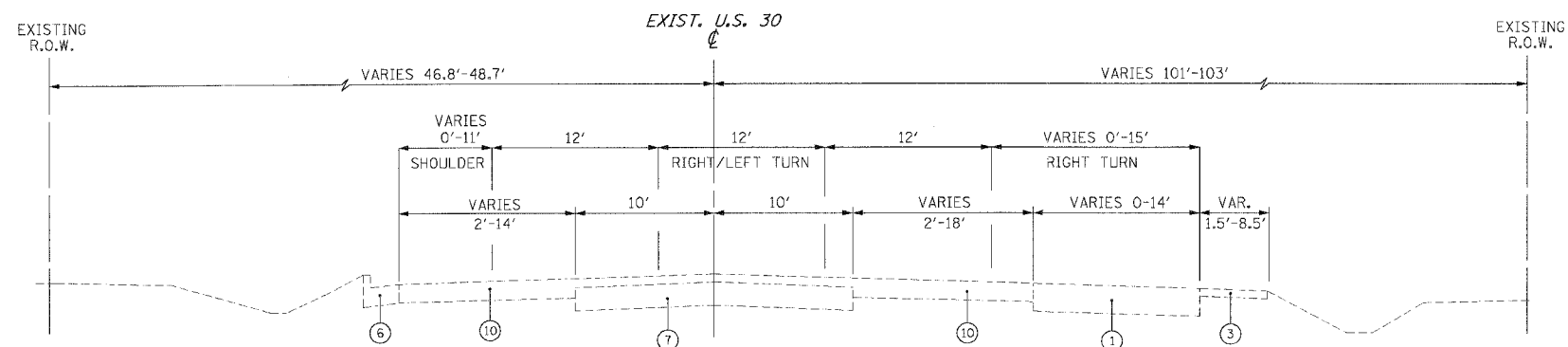
- ① HMA PAVEMENT, 12"
- ② HMA PAVEMENT, 9"
- ③ GRAVEL OR CRUSHED STONE SHOULDER
- ④ HMA PAVEMENT, 13 1/2"
- ⑤ HMA PAVEMENT, 10 3/4"
- ⑥ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK
- ⑨ HMA PAVEMENT, 10"
- ⑩ HMA PAVEMENT, 7"
- ⑪ COMBINATION CURB & GUTTER, TYPE B-6.24



**EXISTING TYPICAL SECTION**

**U.S. 30**

STA. 307+77.9 TO STA. 310+39.2



**EXISTING TYPICAL SECTION**

**U.S. 30**

STA. 310+39.2 TO STA. 317+79.6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

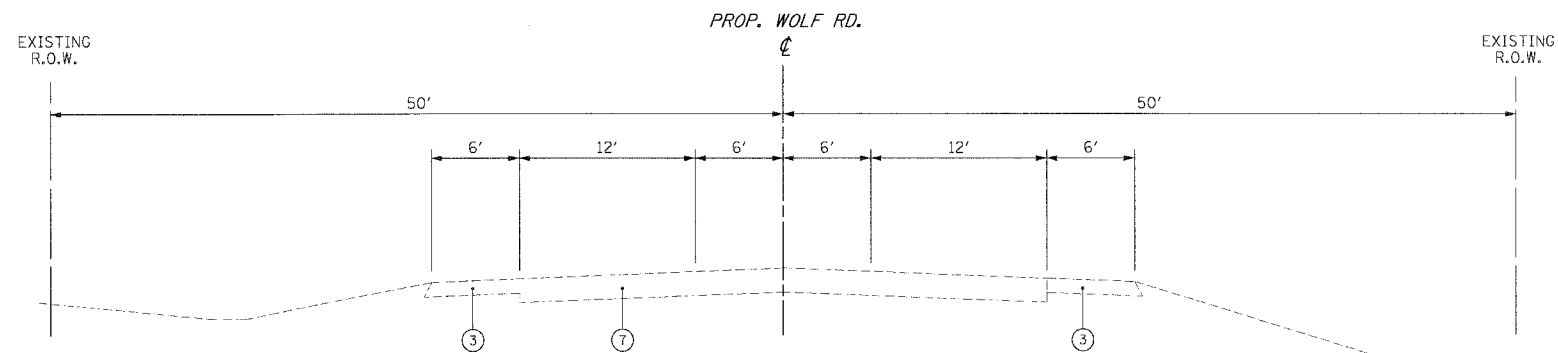
**TYPICAL SECTIONS**

EXISTING  
U.S. RTE. 30 (LINCOLN HWY)

SCALE : 1" = NTS      DRAWN BY : BEC  
DATE : 03/21/2008      CHECKED BY : GB



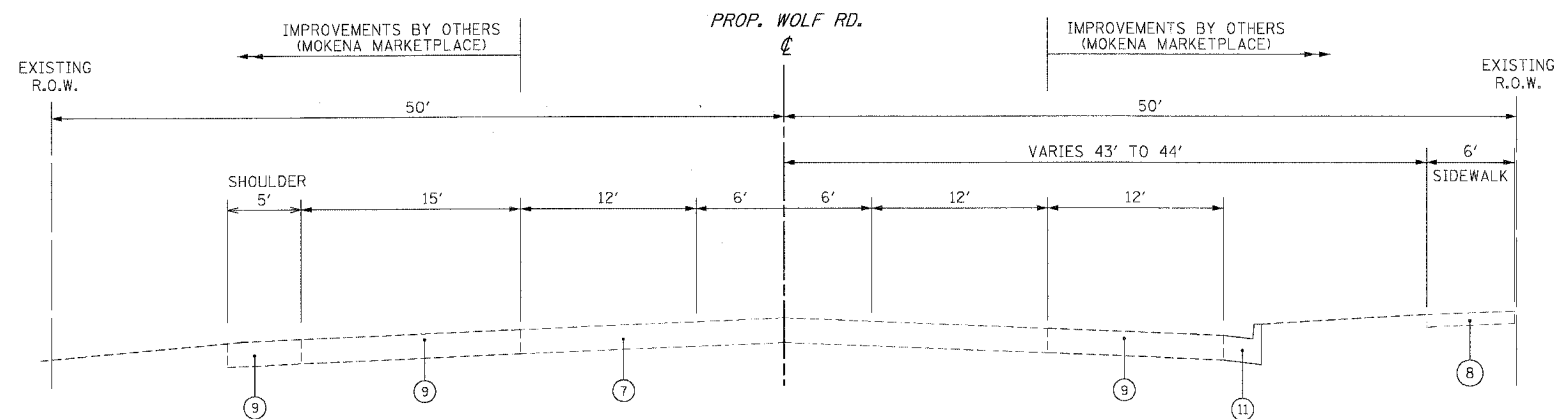
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	12
STA.		TO STA.		
FED. ROAD DIST. NO.	PLANES	FED. AID PROJECT		



**EXISTING TYPICAL SECTION  
WOLF RD.**  
(NORTH OF U.S. ROUTE 30)  
STA. 300+00.0 TO STA. 302+50.0

**EXISTING LEGEND**

- ① HMA PAVEMENT, 12"
- ② HMA PAVEMENT, 9"
- ③ GRAVEL OR CRUSHED STONE SHOULDER
- ④ HMA PAVEMENT, 13 1/2"
- ⑤ HMA PAVEMENT, 10 3/4"
- ⑥ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK
- ⑨ HMA PAVEMENT, 10"
- ⑩ HMA PAVEMENT, 7"
- ⑪ COMBINATION CURB & GUTTER, TYPE B-6.24

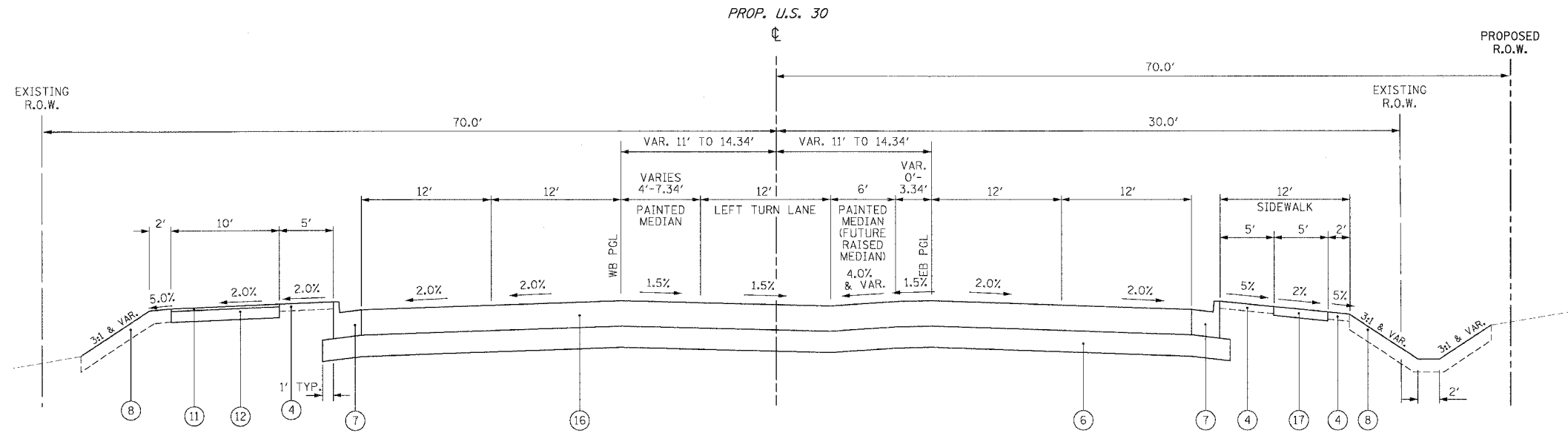


**EXISTING TYPICAL SECTION  
WOLF RD.**  
(SOUTH OF U.S. ROUTE 30)  
STA. 297+50.0 TO STA. 300+00.0

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p><b>TYPICAL SECTIONS</b> EXISTING U.S. RTE. 30 (WOLF RD.)</p> <p>SCALE : 1" = NTS      DRAWN BY : BEC DATE : 03/21/2008      CHECKED BY : GB</p>



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	14
STA.	TO STA.			
FED. ROAD DIST. NO.	BLINDS	FED. AID PROJECT		



**PROPOSED TYPICAL SECTION**

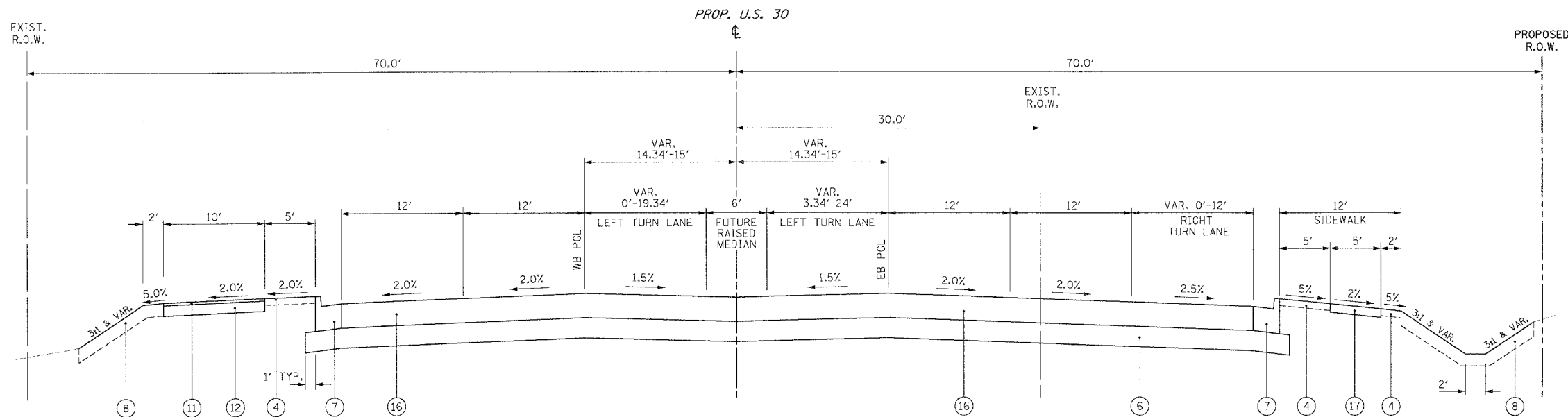
**U.S. RTE. 30**

STA. 296+09.1 TO STA. 299+87.4

**PROPOSED LEGEND**

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" MIN. & VARIES) \*\*\*
- ③ AGGREGATE SHOULDERS, TYPE B
- ④ TOPSOIL FURNISH AND PLACE, 4"
- ⑤ HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/2" (IN 5 LIFTS)
- ⑥ AGGREGATE SUBGRADE 12"
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑧ TOPSOIL FURNISH AND PLACE, 8"
- ⑨ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑩ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
- ⑫ AGGREGATE BASE COURSE 6"
- ⑬ HOT-MIX ASPHALT SHOULDER 8" (IN 4 LIFTS)
- ⑭ HOT-MIX ASPHALT BASE COURSE WIDENING, 1 3/4" (IN 6 LIFTS)
- ⑮ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑯ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13 3/4" (IN 6 LIFTS)
- ⑰ PORTLAND CEMENT CONCRETE SIDEWALK 5"

\*\*\* IN MULTIPLE LIFTS DEPENDING ON DEPTH (LIFT THICKNESS FROM 3/4" TO 1 1/4")



**PROPOSED TYPICAL SECTION**

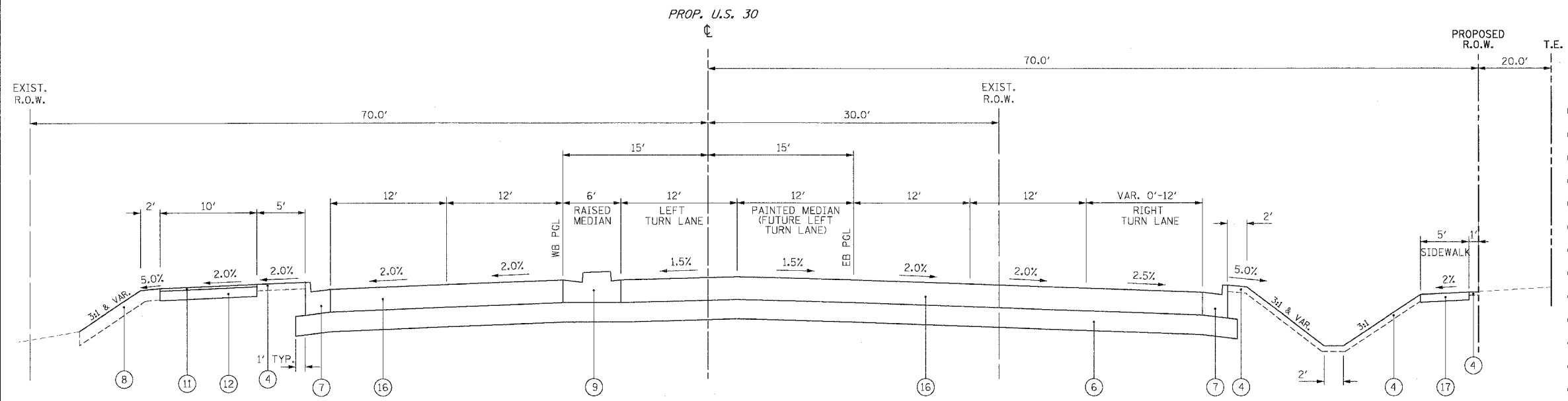
**U.S. RTE. 30**

STA. 299+87.4 TO STA. 302+87.1

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p><b>TYPICAL SECTIONS</b></p> <p>PROPOSED</p> <p>U.S. RTE. 30 (LINCOLN HWY)</p> <p>SCALE : 1" = NTS      DRAWN BY : BEC</p> <p>DATE : 03/21/2008      CHECKED BY : GB</p>



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	15
STA.	TO STA.			
FED. ROAD DIST. NO.	ALIGNMENT	FED. AID PROJECT		

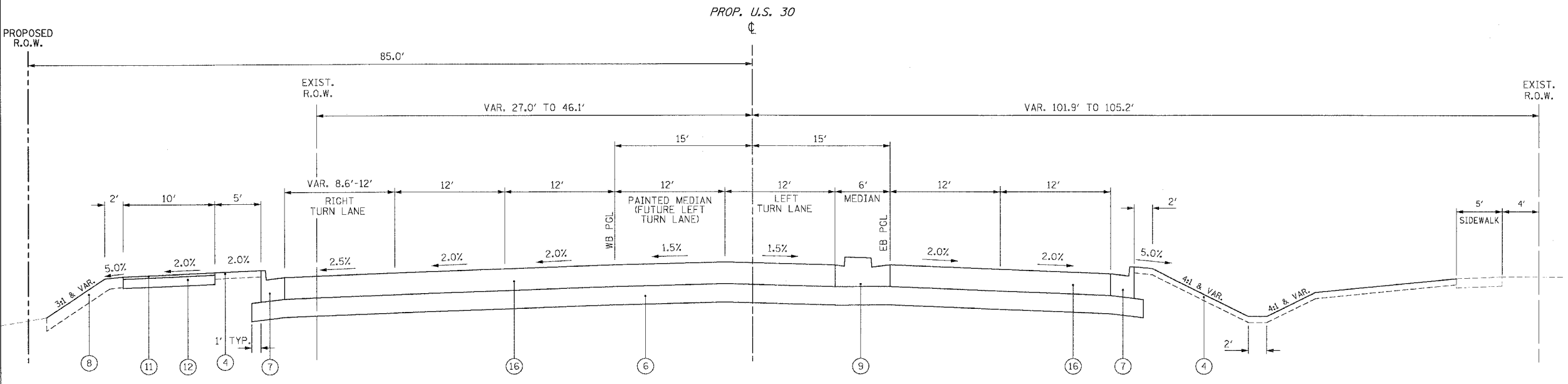


**PROPOSED TYPICAL SECTION**  
**U.S. RTE. 30**  
 30 @ WOLF RD. WEST OF INTERSECTION  
 STA. 302+87.1 TO STA. 306+77.9

**PROPOSED LEGEND**

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" MIN. & VARIES) \*\*\*
- ③ AGGREGATE SHOULDERS, TYPE B
- ④ TOPSOIL FURNISH AND PLACE, 4"
- ⑤ HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/4" (IN 5 LIFTS)
- ⑥ AGGREGATE SUBGRADE 12"
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑧ TOPSOIL FURNISH AND PLACE, 8"
- ⑨ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑩ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
- ⑫ AGGREGATE BASE COURSE 6"
- ⑬ HOT-MIX ASPHALT SHOULDER 8" (IN 4 LIFTS)
- ⑭ HOT-MIX ASPHALT BASE COURSE WIDENING, 1 3/2" (IN 6 LIFTS)
- ⑮ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑯ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 1 3/4" (IN 6 LIFTS)
- ⑰ PORTLAND CEMENT CONCRETE SIDEWALK 5"

\*\*\* IN MULTIPLE LIFTS DEPENDING ON DEPTH (LIFT THICKNESS FROM 3/4" TO 1 1/4")

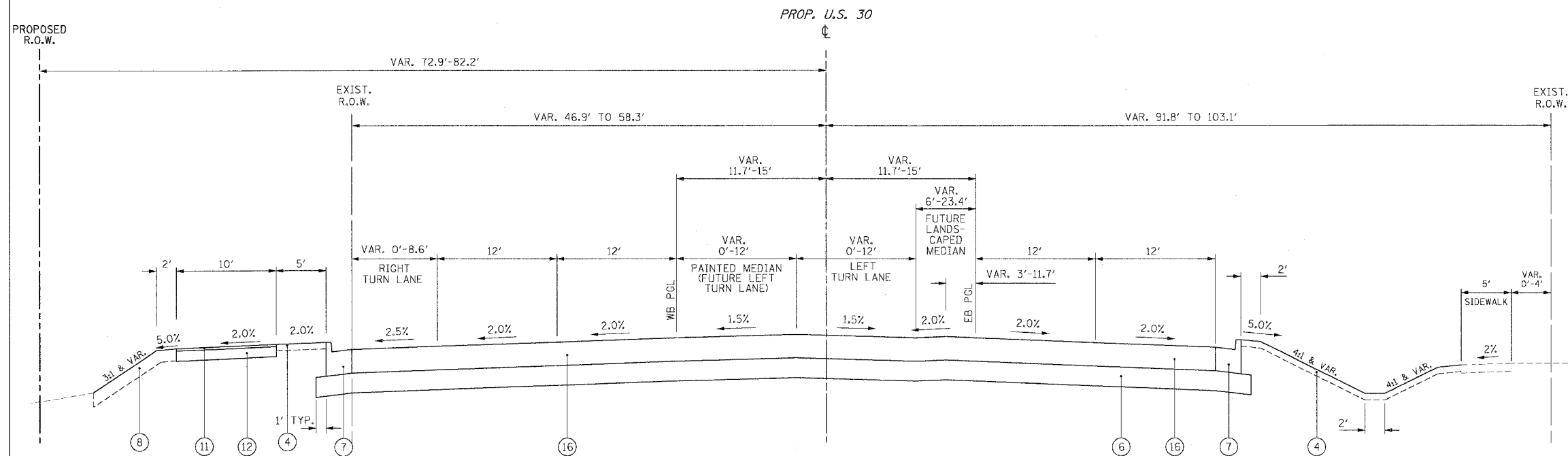


**PROPOSED TYPICAL SECTION**  
**U.S. RTE. 30**  
 30 @ WOLF RD. EAST OF INTERSECTION  
 STA. 306+77.9 TO STA. 309+95.4

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>TYPICAL SECTIONS</b> PROPOSED U.S. RTE. 30 (LINCOLN HWY)  SCALE : 1" = NTS      DRAWN BY : BEC DATE : 03/21/2008      CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**PROPOSED TYPICAL SECTION**

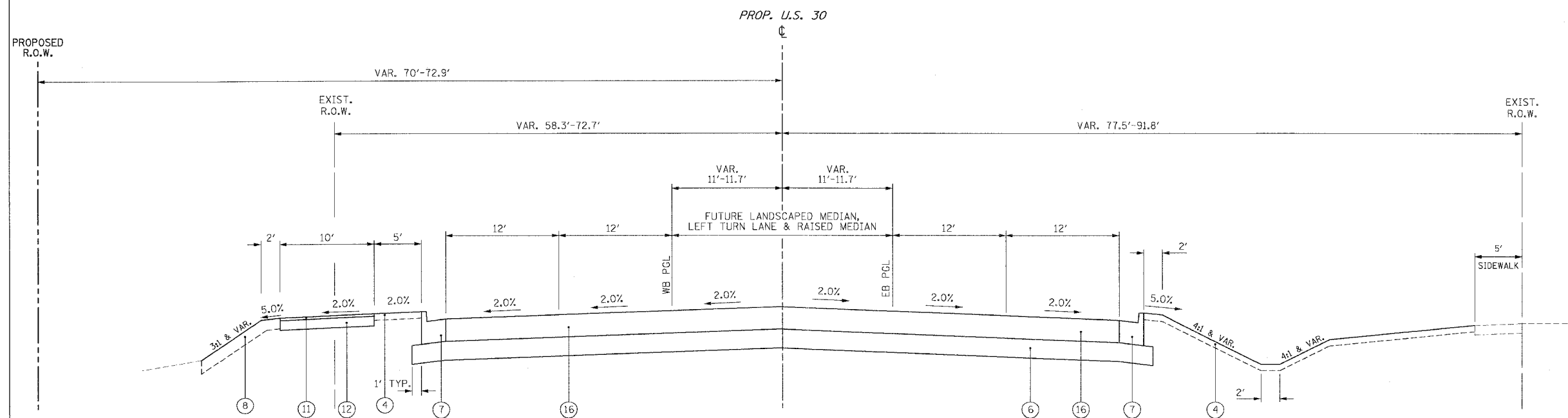
**U.S. RTE. 30**

STA. 309+95.4 TO STA. 313+86.8

**PROPOSED LEGEND**

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" MIN. & VARIES) \*\*\*
- ③ AGGREGATE SHOULDERS, TYPE B
- ④ TOPSOIL FURNISH AND PLACE, 4"
- ⑤ HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 1/4" (IN 5 LIFTS)
- ⑥ AGGREGATE SUBGRADE 12"
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑧ TOPSOIL FURNISH AND PLACE, 8"
- ⑨ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑩ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
- ⑫ AGGREGATE BASE COURSE 6"
- ⑬ HOT-MIX ASPHALT SHOULDER 8" (IN 4 LIFTS)
- ⑭ HOT-MIX ASPHALT BASE COURSE WIDENING, 1 1/2" (IN 6 LIFTS)
- ⑮ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑯ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 1 3/4" (IN 6 LIFTS)
- ⑰ PORTLAND CEMENT CONCRETE SIDEWALK 5"

\*\*\* IN MULTIPLE LIFTS DEPENDING ON DEPTH (LIFT THICKNESS FROM 3/4" TO 1 1/4")



**PROPOSED TYPICAL SECTION**

**U.S. RTE. 30**

STA. 313+86.8 TO STA. 315+88.5

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>TYPICAL SECTIONS</b> PROPOSED U.S. RTE. 30 (LINCOLN HWY)  SCALE : 1" = NTS      DRAWN BY : BEC DATE : 03/21/2008      CHECKED BY : GB

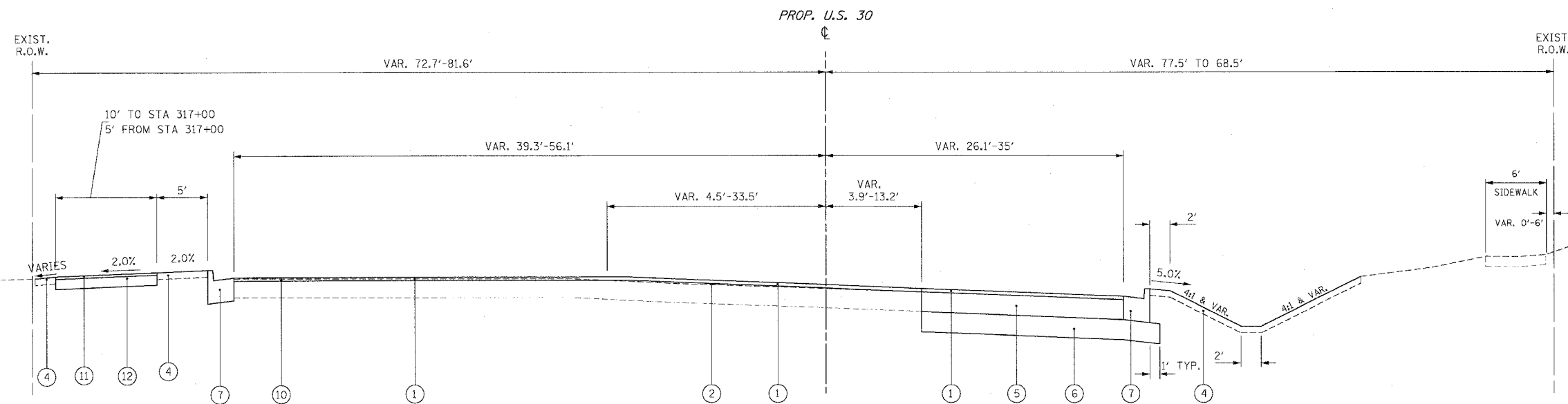


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

**PROPOSED LEGEND**

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" MIN. & VARIES) \*\*\*
- ③ AGGREGATE SHOULDERS, TYPE B
- ④ TOPSOIL FURNISH AND PLACE, 4"
- ⑤ HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 3/4" (IN 5 LIFTS)
- ⑥ AGGREGATE SUBGRADE 12"
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑧ TOPSOIL FURNISH AND PLACE, 8"
- ⑨ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑩ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
- ⑫ AGGREGATE BASE COURSE 6"
- ⑬ HOT-MIX ASPHALT SHOULDER 8" (IN 4 LIFTS)
- ⑭ HOT-MIX ASPHALT BASE COURSE WIDENING, 1 3/2" (IN 6 LIFTS)
- ⑮ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑯ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13 3/4" (IN 6 LIFTS)
- ⑰ PORTLAND CEMENT CONCRETE SIDEWALK 5"

\*\*\* IN MULTIPLE LIFTS DEPENDING ON DEPTH (LIFT THICKNESS FROM 3/4" TO 1 1/4")

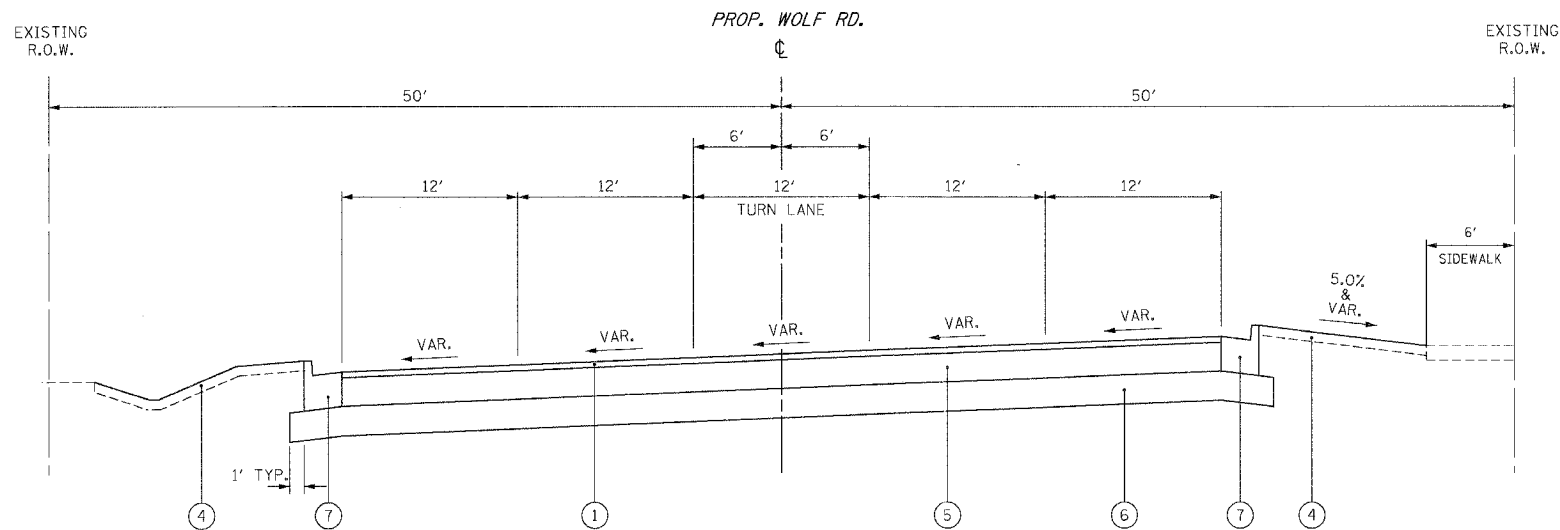


**PROPOSED TYPICAL SECTION**  
**U.S. RTE. 30**  
 STA. 315+88.5 TO STA. 317+79.6

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center"><b>TYPICAL SECTIONS</b></p> <p align="center">PROPOSED</p> <p align="center">U.S. RTE. 30 (LINCOLN HWY)</p> <p>SCALE : 1" = NTS      DRAWN BY : BEC</p> <p>DATE : 03/21/2008      CHECKED BY : GB</p>



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	18
STA.		TO STA.		
FED. ROAD DIST. NO.	SUBLINE	FED. AID PROJECT		



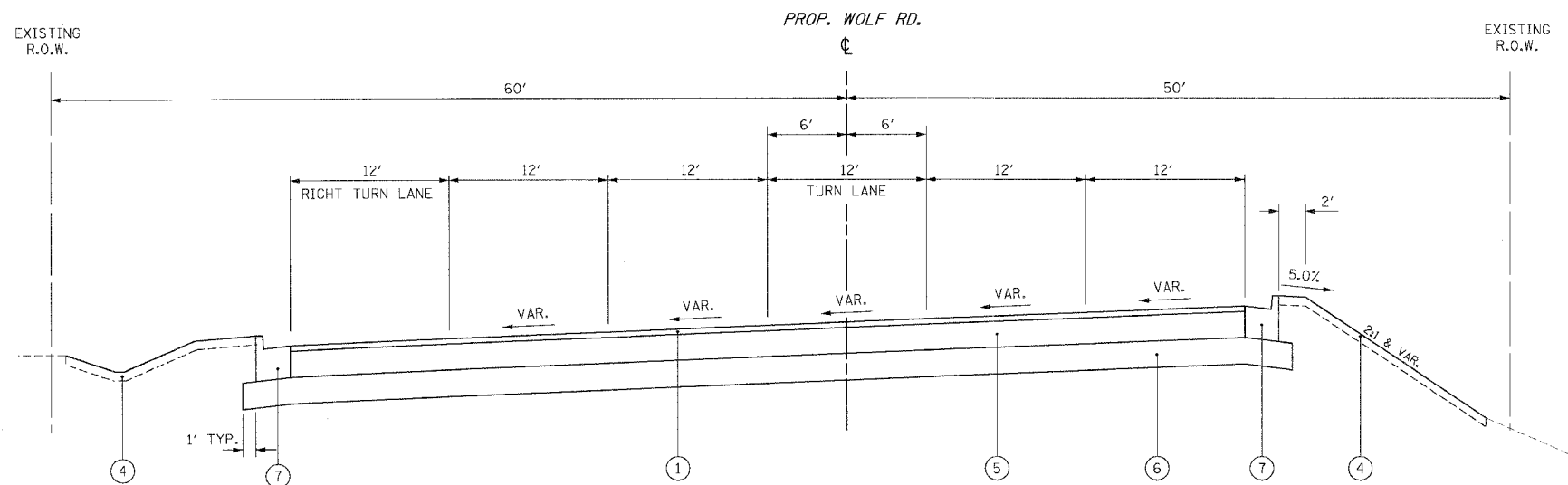
**PROPOSED TYPICAL SECTION  
WOLF ROAD**

WOLF RD. @ U.S. RTE. 30 SOUTH OF INTERSECTION  
STA. 297+22.6 TO STA. 300+02.0

**PROPOSED LEGEND**

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" MIN. & VARIES) \*\*\*
- ③ AGGREGATE SHOULDERS, TYPE B
- ④ TOPSOIL FURNISH AND PLACE, 4"
- ⑤ HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 1 3/4" (IN 5 LIFTS)
- ⑥ AGGREGATE SUBGRADE 12"
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑧ TOPSOIL FURNISH AND PLACE, 8"
- ⑨ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- ⑩ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
- ⑫ AGGREGATE BASE COURSE 6"
- ⑬ HOT-MIX ASPHALT SHOULDER 8" (IN 4 LIFTS)
- ⑭ HOT-MIX ASPHALT BASE COURSE WIDENING, 1 1/2" (IN 6 LIFTS)
- ⑮ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑯ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 1 3/4" (IN 6 LIFTS)
- ⑰ PORTLAND CEMENT CONCRETE SIDEWALK 5"

\*\*\* IN MULTIPLE LIFTS DEPENDING ON DEPTH  
(LIFT THICKNESS FROM 3/4" TO 1 1/4")



**PROPOSED TYPICAL SECTION  
WOLF ROAD**

WOLF RD. @ U.S. RTE. 30 NORTH OF INTERSECTION  
STA. 300+02.0 TO STA. 302+74.4

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>TYPICAL SECTIONS</b> PROPOSED WOLF ROAD  SCALE : 1" = NTS    DRAWN BY : BEC DATE : 03/21/2008    CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	19
STA.	TO STA.		FED. AID PROJECT	
FED. ROAD DIST. NO.	BLINDS	FED. AID PROJECT		

ROADWAY SCHEDULE

LOCATION		POROUS GRAN EMB SUBCR	SUB GRAN MAT B 4	AGG BASE CSE B 6	HMA BASE CSE 8	BIT MATLS PR CT	AGG PR CT	MIX CR JTS FLANGEWAYS	HMA BC IL-19.0 N70	HMA SC C N50	HMA SC D N70	HMA PAVT FD 13 3/4	PCC DRIVEWAY PAVT 8	PC CONC SIDEWALK 5	CL D PATCH T2 8	CL D PATCH T3 8	CL D PATCH T4 8
ROAD	STATION	CU YD	SO YD	SO YD	SO YD	TON	TON	TON	TON	TON	TON	TON	SQ YD	SQ FT	SQ YD	SQ YD	SQ YD
U. S. RTE. 30	275+00 - 290+00	0	25	0	54	0	0.9	0.1	0	6	44	0	0	245	0	0	0
	290+00 - 303+00	200	113	1210	54	22	8	0.6	1304	210	440	6566	445	4675	0	0	0
	303+00 - 318+00	500	0	1064	603	43	4.6	0.3	415	246	197	15908	0	8543	21.1	38.4	135
	318+00 - 331+00	100	0	0	0	2	1.5	0	500	0	85	0	0	232	0	0	0
	SUBTOTAL =	800	138	2274	711	67	15	1	2219	462	766	22474	445	13695	21	38	135
WOLF RD.	294+00 - 297+50	0	0	0	17	0.5	0	0	0	2	0	205	0	545	0	0	0
	302+50 - 309+00	0	0	0	0	0.5	0	0	0	0	0	183	0	0	0	0	0
	SUBTOTAL =	0	0	0	17	1	0	0	0	2	0	388	0	545	0	0	0
TOTAL		800	138	2274	728	68	15	1	2219	464	766	22862	445	14240	21	38	135

LOCATION		AGGREGATE SHLDS B	HMA SHOULDERS B	CLASS SI CONC OUTLET	CONC CURB TB	COMB CC&G TB6.12	COMB CC&G TB6.24	CONC MEDIAN SURF 4	CONC MED TSP6.24 MOD	SEGMENT CONC BLK WALL	POL LB MM IL4.75 N50	AGG SUBGRADE 12	CH LK FENCE 4	HMA BC WIDENING	PROTECTIVE COAT	DETECTABLE WARNINGS	SUB GRAN MAT C 5
ROAD	STATION	TON	SO YD	CU YD	FOOT	FOOT	FOOT	SO FT	SO FT	SO FT	TON	SO YD	FOOT	SO YD	SO YD	SO FT	SO YD
U. S. RTE. 30	275+00 - 290+00	80	81	4.1	0	39	116	122	0	0	195.6	0	0	0	89	10	81
	290+00 - 303+00	35	200	4.1	53	97	2761	448	254	1667	701.6	9444	409	49	1993	130	200
	303+00 - 318+00	0	0	0	164	233	3690	1239	2471	0	22.2	16662	0	0	2664	280	0
	318+00 - 331+00	0	0	0	0	45	163	88	0	0	0	834	0	0	103	50	0
	SUBTOTAL =	115	281	8.2	217	414	6730	1897	2725	1667	919	26940	409	49	4849	470	281
WOLF RD.	294+00 - 297+50	0	0	0	0	0	76	0	0	0	0	205	0	0	25	20	0
	302+50 - 309+00	0	0	0	0	27	49	0	0	0	0	224	0	0	83	0	0
	SUBTOTAL =	0	0	0	0	27	125	0	0	0	0	429	0	0	108	20	0
TOTAL		115	281	8.2	217	441	6855	1897	2725	1667	919	27369	409	49	4957	490	281

REMOVAL SCHEDULE

LOCATION		TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	HMA SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	HMA SURFACE REMOVAL, VARIABLE DEPTH	DRIVEWAY PAVEMENT REMOVAL	CURB REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	MEDIAN SURFACE REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL
ROAD	STATION	UNIT	UNIT	SO YD	SO YD	SO YD	SO YD	FOOT	FOOT	SO FT	SO FT	SO YD	FOOT
U. S. RTE. 30	275+00 - 290+00	0	0	140	0	0	350	0	0	44	0	0	0
	290+00 - 303+00	0	0	408	6199	0	504	0	1102	0	0	271	368
	303+00 - 318+00	479	198	128	10144	506	1966	336	2069	322	208	487	276
	318+00 - 331+00	0	0	0	0	0	422	0	217	125	0	0	0
	SUBTOTAL =	479	198	676	16343	506	3242	362	3388	491	479	855	276
WOLF RD.	294+00 - 297+50	0	0	0	178	0	35	0	49	305	0	0	0
	302+50 - 309+00	0	0	0	132	0	0	0	0	0	0	29	0
	SUBTOTAL =	0	0	0	310	0	35	0	49	305	0	29	0
TOTAL		479	198	676	16653	506	3277	362	3437	796	479	884	276

LANDSCAPING SCHEDULE

LOCATION		TOPSOIL FURNISH AND PLACE, 4"	TOPSOIL FURNISH AND PLACE, 8"	COMPOST FURNISH AND PLACE, 4"	SEEDING CLASS 4	EROSION CONTROL BLANKET	SODDING, SALT TOLERANT	TRANSPLANTED SALVAGED TREES	NITROGEN FERT NUTR	PHOSPHORUS FERT NUTR	POTASSIUM FERT NUTR	STONE RIPRAP CL A3
ROAD	STATION	SQ YD	SQ YD	SQ YD	ACRE	SO YD	SO YD	EACH	POUND	POUND	POUND	SQ YD
U. S. RTE. 30	275+00 - 290+00	365	0	0	0	0	365	0	5	5	5	0
	290+00 - 303+00	2900	3667	0	0	0	6568	17	111	111	111	62
	303+00 - 318+00	7146	0	1581	0.25	1581	9191	6	114	114	114	0
	318+00 - 331+00	1152	0	0	0	0	1152	0	15	15	15	0
	SUBTOTAL =	11563	3667	1581	0.25	1581	17277	23	245	245	245	62
WOLF RD.	294+00 - 297+50	72	0	0	0	0	72	0	0.9	0.9	0.9	0
	302+50 - 309+00	87	2044	36	0.25	36	87	0	1.1	1.1	1.1	0
	SUBTOTAL =	159	2044	36	0.25	36	159	0	2	2	2	0
TOTAL		11722	5711	1617	0.5	1617	17436	23	247	247	247	62

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center"><b>SCHEDULE OF QUANTITIES</b></p> <p align="center">U.S. RTE. 30 (LINCOLN HIGHWAY)</p> <p>SCALE : 1" = 50'      DRAWN BY : BAE</p> <p>DATE : 03/21/2008      CHECKED BY : GB</p>

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	20
STA.		TO STA.		
FED. ROAD DIST. NO.		BALANCE	FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE

LOCATION		THERMOPLASTIC PAVEMENT MARKING						POLYUREA PAVEMENT MARKING				RAISED REFL PAVT MKR	RAISED REF PVT MK REM	PAVT MARKING REMOVAL	SHORT TERM PAVT MKING
ROAD	STATION	LETTERS AND SYMBOLS SQ FT	LINE 4" FOOT	LINE 6" FOOT	LINE 8" FOOT	LINE 12" FOOT	LINE 24" FOOT	LETTERS AND SYMBOLS SQ FT	TYPE I - LINE 4" FOOT	TYPE I - LINE 6" FOOT	TYPE I - LINE 12" FOOT	EACH	EACH	SQ FT	FOOT
U. S. RTE. 30	275+00 - 290+00	182.0	3751	619		75	15					56	49	3823	264
	290+00 - 303+00	291.2	6377	575	1089	540	51					120	96	3958	479
	303+00 - 318+00	364.0	4880	1960	1393	1806	229					158	126	5777	493
	318+00 - 331+00	109.2	1161	363		204	56					22	18	1151	80
	SUBTOTAL =	946.4	16169	3517	2482	2625	351	0	0	0	0	356	289	14709	1316
WOLF RD.	294+00 - 297+50	182.0	1213	647			40					53	42	887	121
	302+50 - 309+00		61	49			0	145.6	4283	185	112	58	46	1520	192
	SUBTOTAL =	182.0	1274	696	0	0	40	145.6	4283	185	112	111	88	2407	313
TOTAL		1128.4	17442	4213	2482	2625	391	145.6	4283	185	112	467	377	17116	1629

STAGING SCHEDULE

LOCATION		WORK ZONE PAVT MK REM SQ FT	EPOXY PAVEMENT MARKING					WET RF TEM TAPE T3 4	WET RF TEM TAPE T3 6	WET RF TEM TAPE T3 12	TEMP PAVEMENT SQ YD	TEMP ACCESS-COM ENT EACH	TEMP AGGREGATE SHLD TON
ROAD	STATION		PVT MK LTR-SYM SQ FT	PVT MK LINE 4 FOOT	PVT MK LINE 6 FOOT	PVT MK LINE 12 FOOT	PVT MK LINE 24 FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	TON
U. S. RTE. 30	275+00 - 290+00		109.2	9458	575	453	14				85	1	40
	290+00 - 303+00			17663		574					273	4	177
	303+00 - 318+00	92	364.0	23840	1387	810	334	279			2857	4	616
	318+00 - 331+00		72.8	2835	621	126	47				1		5
	SUBTOTAL =	92	546.0	53796	2583	1963	395	279	0	0	3216	9	839
WOLF RD.	294+00 - 297+50	1408		265				3940					
	302+50 - 309+00	1104		260				3239	179	210	6		5
	SUBTOTAL =	2512	0	525	0	0	0	7179	179	210	6	0	5
TOTAL		2604	546.0	54321	2583	1963	395	7458	179	210	3222	9	844

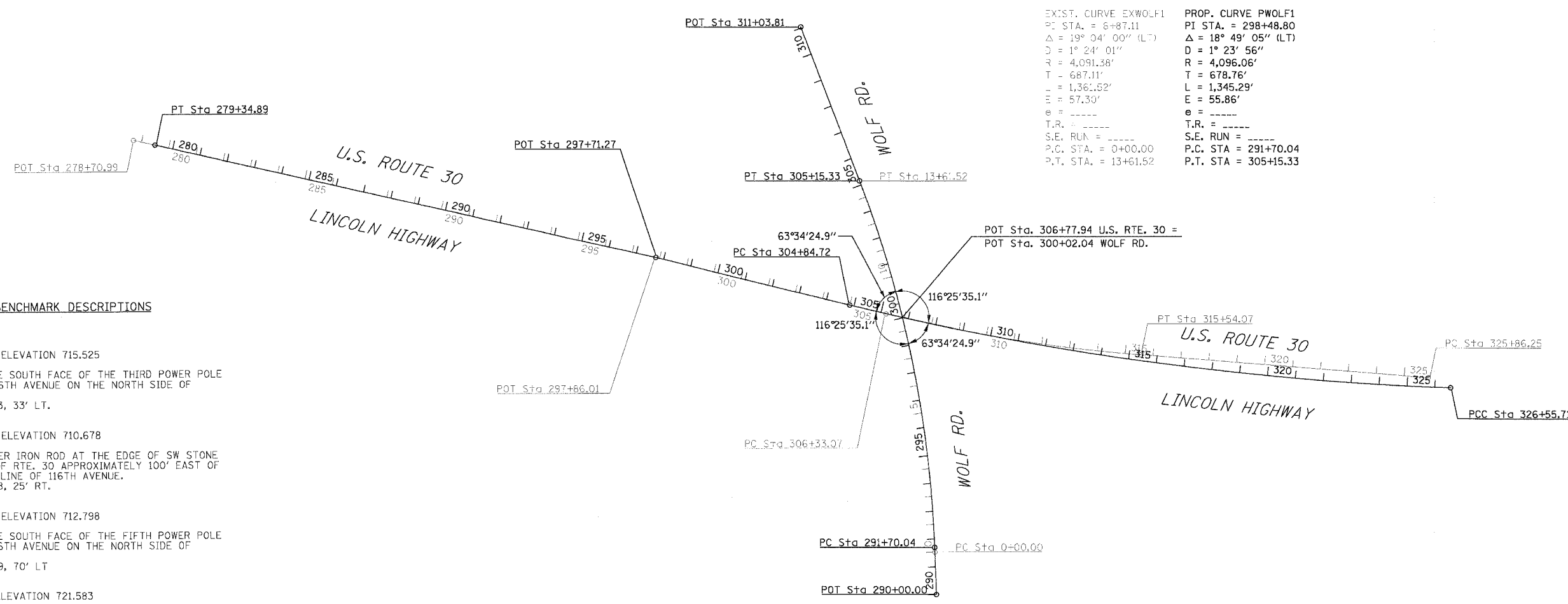
EROSION CONTROL SCHEDULE

LOCATION		TEMPORARY EROSION CONTROL SEEDING POUND	TEMPORARY DITCH CHECKS EACH	INLET AND PIPE PROTECTION EACH	INLET FILTERS EACH	SEDIMENT CONTROL SILT FENCE FOOT	SEDIMENT CONTROL SILT FENCE MAINTENANCE FOOT	INLET FILTER CLEANING EACH
U. S. RTE. 30	275+00 - 290+00	3	0	1	0	419	419	
	290+00 - 303+00	121.8	12	9	38	2380	2380	76
	303+00 - 318+00	245	17	15	55	3064	3064	110
	318+00 - 331+00	22.7	0	2	0	213	213	0
	SUBTOTAL =	392.5	29	27	93	6076	6076	186
WOLF RD.	294+00 - 297+50		0	0	0	174	174	
	302+50 - 309+00	11.7	0	0	0	37	37	
	SUBTOTAL =	11.7	0	0	0	211	211	0
TOTAL		404	29	27	93	6287	6287	186

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>SCHEDULE OF QUANTITIES</p> <p>U.S. RTE. 30 (LINCOLN HIGHWAY)</p> <p>SCALE : 1" = 50'      DRAWN BY : BAE</p> <p>DATE : 03/21/2008      CHECKED BY : GB</p>



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	22
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**BENCHMARK DESCRIPTIONS**

- TBM #225 ELEVATION 715.525  
NAIL IN THE SOUTH FACE OF THE THIRD POWER POLE WEST OF 116TH AVENUE ON THE NORTH SIDE OF RTE. 30.  
STA. 282+43, 33' LT.
- TBM #226 ELEVATION 710.678  
5/8" DIAMETER IRON ROD AT THE EDGE OF SW STONE SHOULDER OF RTE. 30 APPROXIMATELY 100' EAST OF THE CENTERLINE OF 116TH AVENUE.  
STA. 287+88, 25' RT.
- TBM #227 ELEVATION 712.798  
NAIL IN THE SOUTH FACE OF THE FIFTH POWER POLE EAST OF 116TH AVENUE ON THE NORTH SIDE OF RTE. 30.  
STA. 293+79, 70' LT
- BM #228 ELEVATION 721.583  
RAILROAD SPIKE IN TH SOUTH FACE OF THE FIFTH NEW POWER POLE WEST OF WOLF ROAD ON THE NORTH SIDE OF RTE. 30.  
STA. 300+79, 71' LT.
- TBM #229 ELEVATION 727.761  
NAIL IN THE NORTH FACE OF THE POWER POLE ON THE SW CORNER OF WOLF ROAD AND RTE. 30.  
STA. 306+32, 36' RT.
- TBM #230 ELEVATION 727.339  
CHISELED "I" ON THE NORTH EDGE OF THE WATER VALVE VAULT 20' EAST OF THE GAS CITY PROPERTY LINE AND APPROXIMATELY 75' SOUTH OF THE RTE. 30 CENTERLINE.  
STA. 310+76, 71' RT.
- BM #231 ELEVATION 720.198  
CHISELED "I" ON THE CURB IN FRONT OF THE FRANKFORT TOWNSHIP BUILDING ON THE NORTH SIDE OF RTE. 30.  
STA. 317+94, 59' LT
- TBM #232 ELEVATION 719.098  
CHISELED "I" ON THE RETAINING WALL ON THE NORTH SIDE OF RTE. 30 APPROXIMATELY 300 FEET WEST OF SETTLERS POND DRIVE.  
STA. 235+25, 72' LT

**U.S. RTE. 30 COORDINATE DATA**

POINT	NORTHING	EASTING
P.T. 279+34.89	1,762,602.30	1,103,398.69
POT 297+71.27	1,762,195.60	1,105,189.47
P.C. 304+84.72	1,762,026.16	1,105,882.51
POT 306+77.94	1,761,982.00	1,106,070.61
PCC 326+55.71	1,761,731.46	1,108,029.50

**WOLF RD. COORDINATE DATA**

POINT	NORTHING	EASTING
POT 290+00.00	1,760,989.44	1,106,191.34
P.C. 291+70.04	1,761,159.36	1,106,185.10
POT 300+02.04	1,761,982.00	1,106,070.61
P.T. 305+15.33	1,762,471.67	1,105,917.80
POT 311+03.81	1,763,021.35	1,105,707.66

EXIST. CURVE EXWOLF1  
 PI STA. = 6+87.11  
 $\Delta = 19^\circ 04' 00''$  (LT)  
 $D = 1^\circ 24' 01''$   
 $R = 4,091.38'$   
 $T = 687.11'$   
 $L = 1,361.52'$   
 $E = 57.30'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 0+00.00  
 P.T. STA. = 13+61.52

PROP. CURVE PWOLF1  
 PI STA. = 298+48.80  
 $\Delta = 18^\circ 49' 05''$  (LT)  
 $D = 1^\circ 23' 56''$   
 $R = 4,096.06'$   
 $T = 678.76'$   
 $L = 1,345.29'$   
 $E = 55.86'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 291+70.04  
 P.T. STA. = 305+15.33

EXIST. CURVE EXCN4  
 PI STA. = 310+94.56  
 $\Delta = 9^\circ 12' 35''$  (LT)  
 $D = 1^\circ 00' 00''$   
 $R = 5,729.68'$   
 $T = 461.49'$   
 $L = 921.00'$   
 $E = 18.56'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 306+33.07  
 P.T. STA. = 315+54.07

PROP. CURVE CLUS30-5  
 PI STA. = 315+74.10  
 $\Delta = 11^\circ 50' 47''$  (LT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 1,089.38'$   
 $L = 2,170.98'$   
 $E = 56.36'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 304+84.72  
 P.T. STA. = 326+55.71



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>ALIGNMENT &amp; BENCHMARKS</b> U.S. RTE. 30 (LINCOLN HIGHWAY)

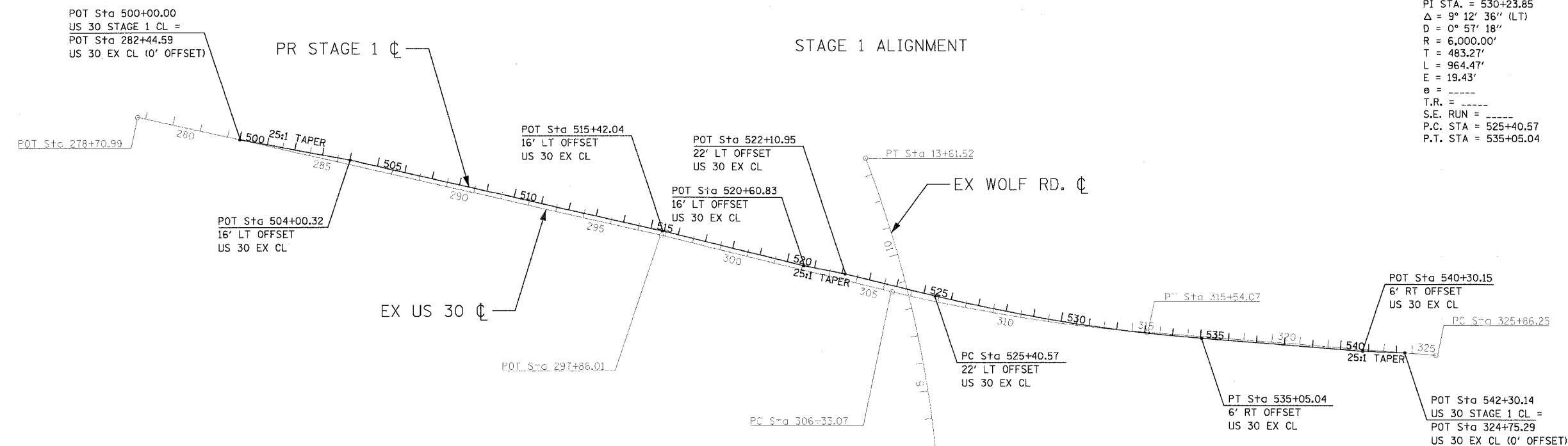
SCALE : 1" = 200'  
 DATE : 03/21/2008

DRAWN BY : BAE  
 CHECKED BY :



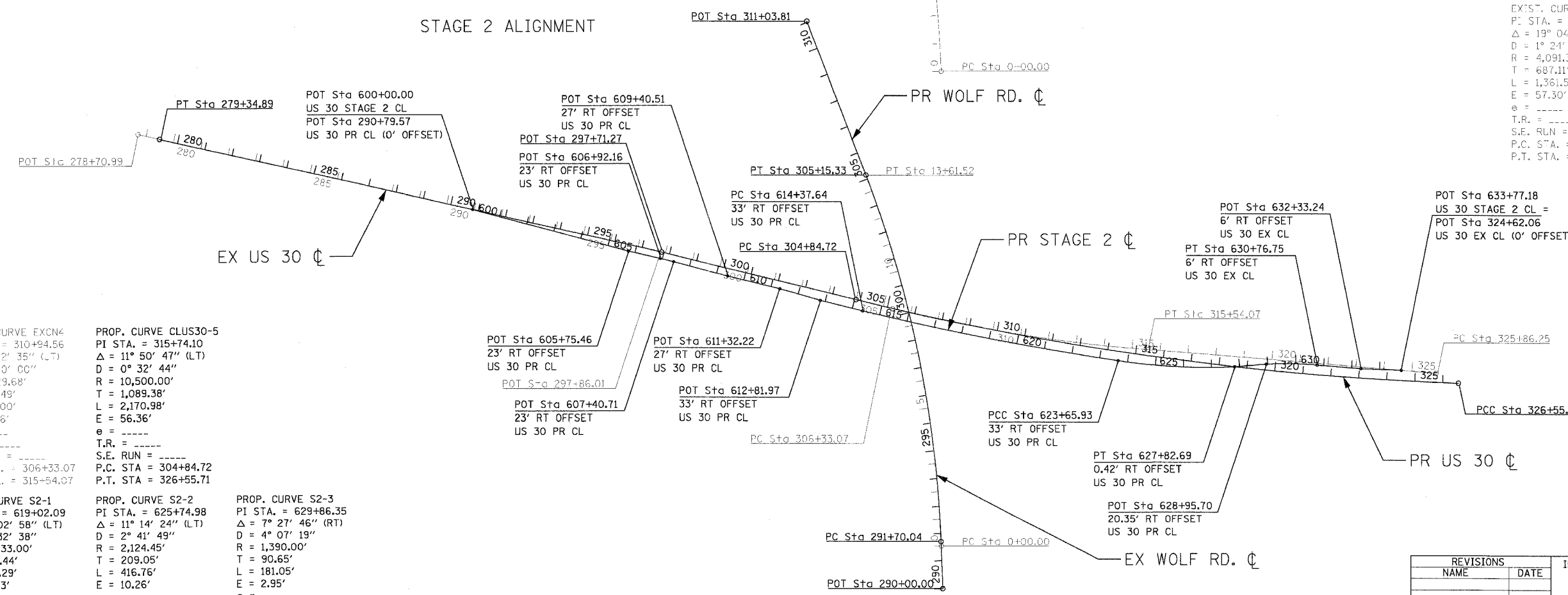
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PROP. CURVE S1-1  
 PI STA. = 530+23.85  
 $\Delta = 9^\circ 12' 36''$  (LT)  
 $D = 0^\circ 57' 18''$   
 $R = 6,000.00'$   
 $T = 483.27'$   
 $L = 964.47'$   
 $E = 19.43'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA = 525+40.57$   
 $P.T. STA = 535+05.04$



EXIST. CURVE EXWOLF1  
 PI STA. = 6187.11  
 $\Delta = 19^\circ 04' 00''$  (LT)  
 $D = 1^\circ 24' 00''$   
 $R = 4,091.38'$   
 $T = 687.11'$   
 $L = 1,361.52'$   
 $E = 57.30'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA = 0+00.00$   
 $P.T. STA = 13+61.52$

PROP. CURVE PWOLF1  
 PI STA. = 298+48.80  
 $\Delta = 18^\circ 49' 05''$  (LT)  
 $D = 1^\circ 23' 56''$   
 $R = 4,096.06'$   
 $T = 678.76'$   
 $L = 1,345.29'$   
 $E = 55.86'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA = 291+70.04$   
 $P.T. STA = 305+15.33$



EXIST. CURVE EXCN4  
 PI STA. = 310+94.56  
 $\Delta = 9^\circ 12' 35''$  (LT)  
 $D = 1^\circ 00' 00''$   
 $R = 5,729.68'$   
 $T = 461.49'$   
 $L = 921.00'$   
 $E = 18.56'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA = 306+33.07$   
 $P.T. STA = 315+54.07$

PROP. CURVE CLUS30-5  
 PI STA. = 315+74.10  
 $\Delta = 11^\circ 50' 47''$  (LT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 1,089.38'$   
 $L = 2,170.98'$   
 $E = 56.36'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA = 304+84.72$   
 $P.T. STA = 326+55.71$

PROP. CURVE S2-1  
 PI STA. = 619+02.09  
 $\Delta = 5^\circ 02' 58''$  (LT)  
 $D = 0^\circ 32' 38''$   
 $R = 10,533.00'$   
 $T = 464.44'$   
 $L = 928.29'$   
 $E = 10.23'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA = 614+37.64$   
 $P.T. STA = 623+65.93$

PROP. CURVE S2-2  
 PI STA. = 625+74.98  
 $\Delta = 11^\circ 14' 24''$  (LT)  
 $D = 2^\circ 41' 49''$   
 $R = 2,124.45'$   
 $T = 209.05'$   
 $L = 416.76'$   
 $E = 10.26'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA = 623+65.93$   
 $P.T. STA = 627+82.69$

PROP. CURVE S2-3  
 PI STA. = 629+86.35  
 $\Delta = 7^\circ 27' 46''$  (RT)  
 $D = 4^\circ 07' 19''$   
 $R = 1,390.00'$   
 $T = 90.65'$   
 $L = 181.05'$   
 $E = 2.95'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA = 628+95.70$   
 $P.T. STA = 630+76.75$

REVISIONS	
NAME	DATE

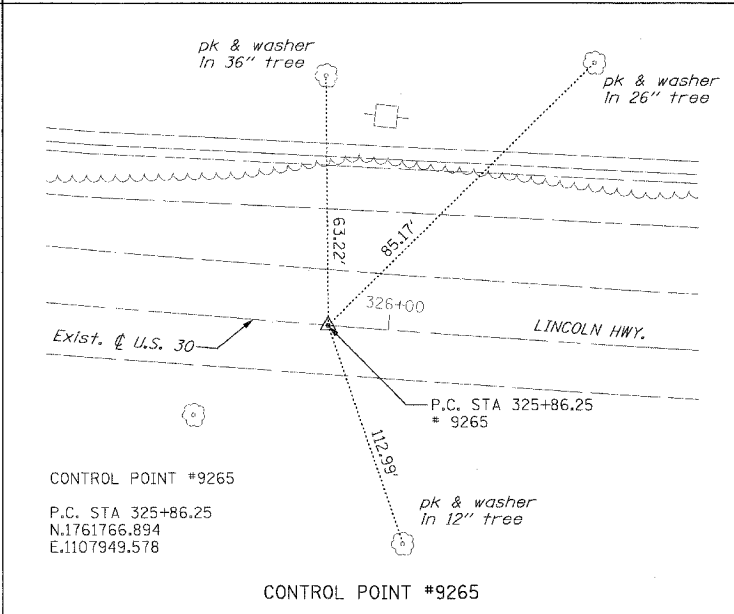
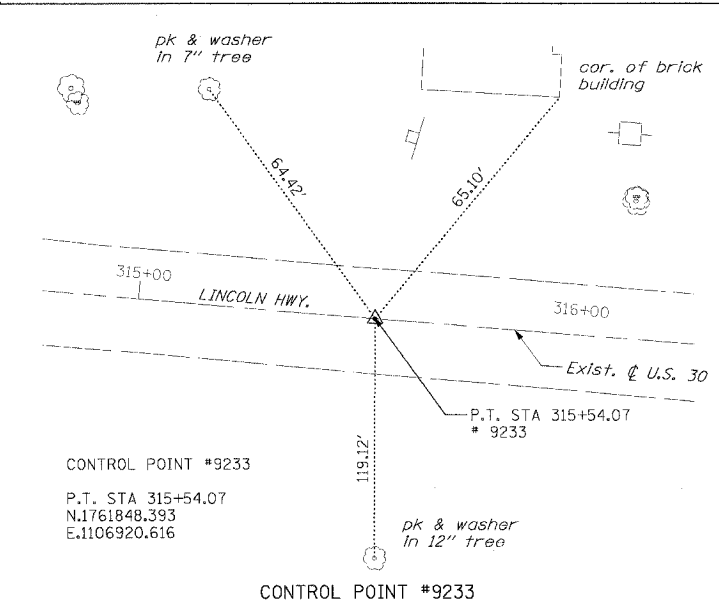
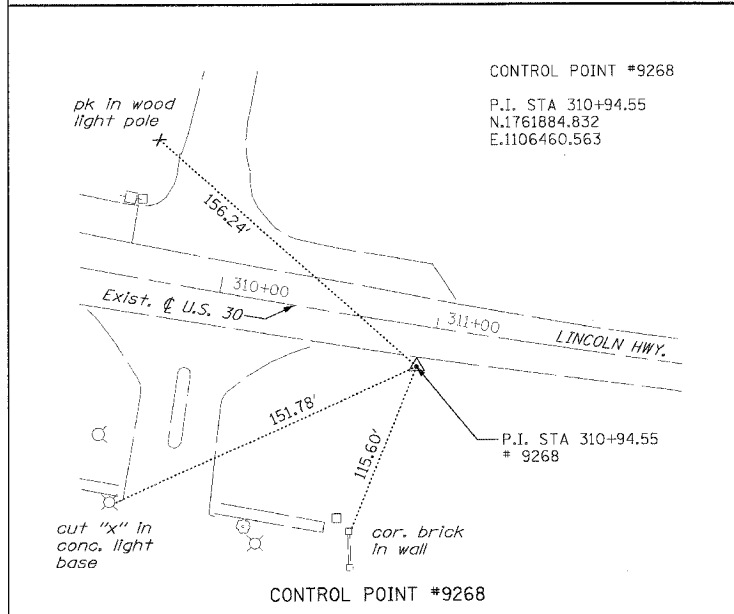
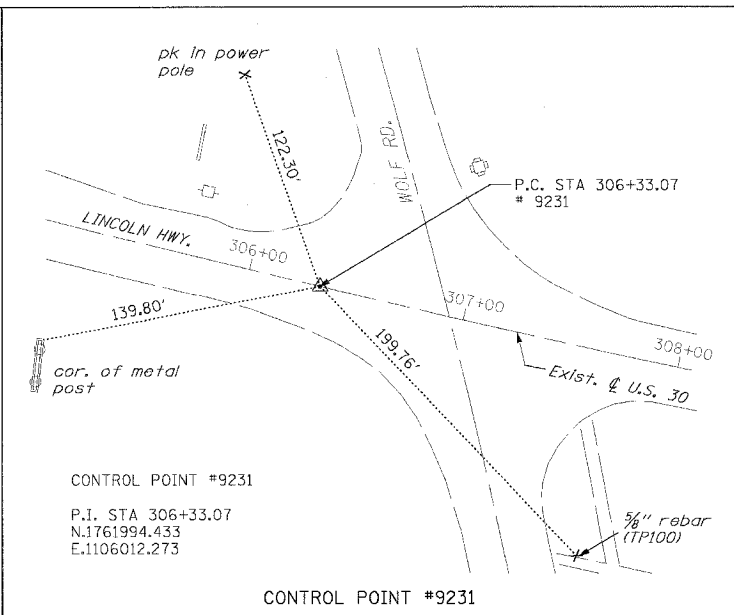
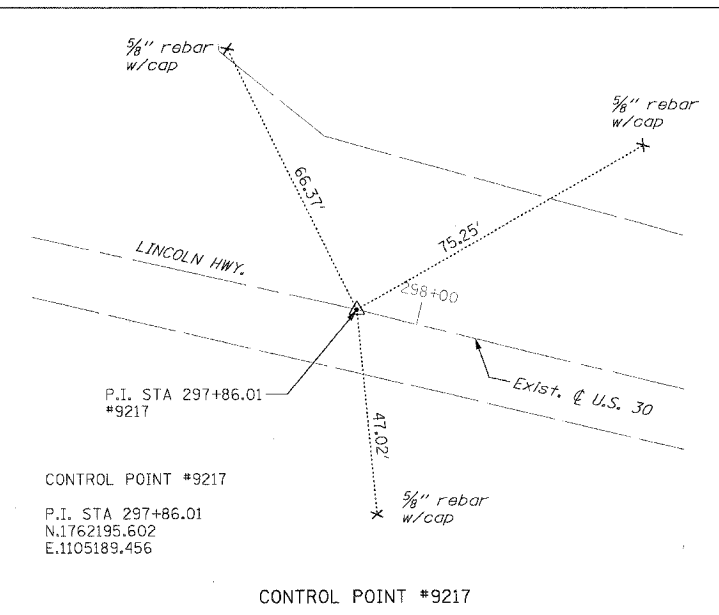
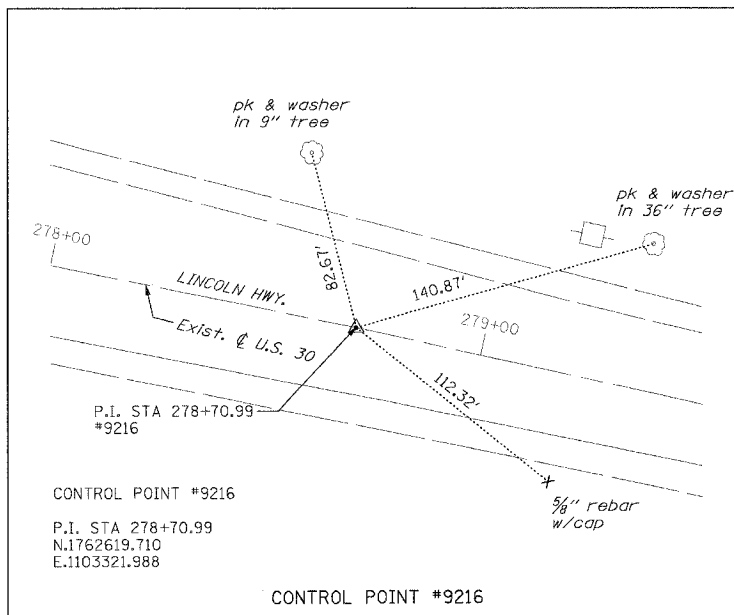
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STAGING ALIGNMENTS**  
 U.S. RTE. 30 (LINCOLN HIGHWAY)

SCALE : 1" = 200'  
 DATE : 03/21/2008

DRAWN BY : BAE  
 CHECKED BY :



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONTROL TIES**  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 SCALE : 1" = NTS  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB





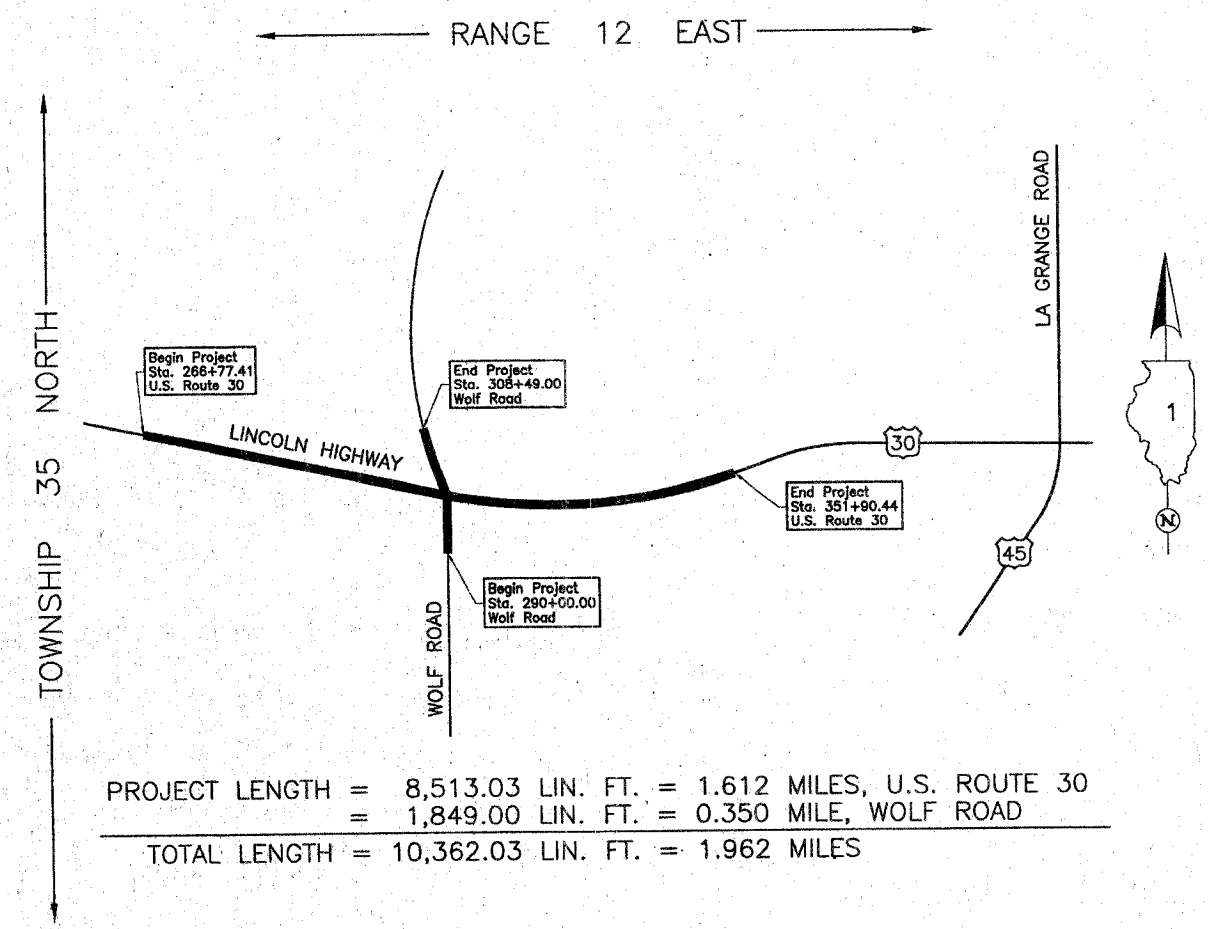
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 RIGHT OF WAY PLANS  
 FOR PROPOSED  
 FEDERAL AID HIGHWAY

ROUTE: F.A.P. 353 (U.S. ROUTE 30)  
 SECTION: (12 & 13)WRS-3  
 PROJECT NO.:  
 JOB NO.: R-91-016-01  
 COUNTY: WILL

LIMITS: THE INTERSECTION PORTION OF THIS PROJECT CONTAINS THE FOLLOWING PARCELS

*ownership change 10-15-07*  
*ownership change 10-15-07*

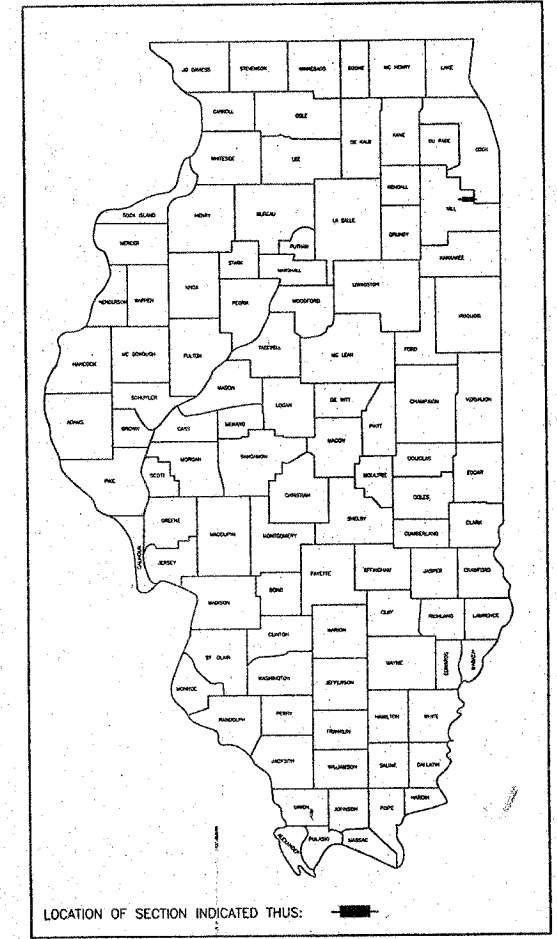
- 1G40004-PE
- 1G40007-TE C
- 1G40008
- 1G40008-TE B
- 1G40009
- 1G40010
- 1G40010-TE
- 1G40011
- 1G40011-TE A
- 1G40020-PE B



PROJECT LENGTH = 8,513.03 LIN. FT. = 1.612 MILES, U.S. ROUTE 30  
 = 1,849.00 LIN. FT. = 0.350 MILE, WOLF ROAD  
 TOTAL LENGTH = 10,362.03 LIN. FT. = 1.962 MILES

THIS SET OF PLANS  
 CONTAINS  
 THE FOLLOWING SHEETS  
 2 3 4 5 6 6A 7

* F.A.P. 353 (U.S. ROUTE 30)			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
*	**	WILL	16 1
** (12 & 13)WRS-3 R-91-016-01			



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\_\_\_\_  
 \_\_\_\_\_  
 RECEIVED  
 JUL 11 2007  
 PLATS & LEGALS  
 ENGINEER OF LAND ACQUISITION

PART OF THE SE 1/4 OF SEC. 19, TWP. 35 N., R. 12 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

EXISTING R.O.W. RECORDED INFORMATION			EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded	Parcel	Document No.	Date Recorded
1G40001	343004	March 28, 1922	1G40004	R2002-093640	June 6, 2002
1G40001	R96-052058	June 12, 1996	1G40004	R2005-136431	August 10, 2005
1G40001	R2005-118365	July 14, 2005	1G40022	343004	March 28, 1922
1G40002	343004	March 28, 1922	1G40022	R2005-136433	August 10, 2005
1G40002	R96-102760	November 14, 1996	-----	343004	March 28, 1922
1G40002	R2005-103901	June 22, 2005	-----	R96-052058	June 12, 1996
1G40003	R2005-136433	August 10, 2005	-----	R96-102760	November 14, 1996
			-----	R2002-093639	June 6, 2002

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	

**LEGEND**

SECTION CORNER 16 15  
QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
EXISTING RIGHT OF WAY LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APPARENT PROPERTY LINE  
CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

Scale: 1"=30'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 824", P.I.D. AE2575 and "Will County GPS 1306", P.I.D. AE2485.

○ IRON PIPE OR ROD FOUND  
⊕ "MAG" NAIL SET  
+ CUT CROSS FOUND OR SET  
● 5/8" REBAR 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 LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 35N., RANGE 12E., OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LAKE VILLA, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_ RECEIVED

AUG 23 2007  
PRESIDENT & LEGALS  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 824", P.I.D. AE2575, of N.537,448.209-E.335,164.469.  
NOTE: SURFACE COORDINATES ARE SHOWN.



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
291+82.32	29.92' Lt.	1,762,291.794	1,104,582.035
291+82.40	59.92' Lt.	1,762,321.032	1,104,588.754
291+82.43	69.92' Lt.	1,762,330.778	1,104,590.993
291+82.44	74.92' Lt.	1,762,335.651	1,104,592.113
291+82.48	89.94' Lt.	1,762,350.290	1,104,595.477
292+05.44	30.08' Rt.	1,762,228.164	1,104,591.293
292+07.28	74.92' Lt.	1,762,330.150	1,104,616.340
292+07.55	89.92' Lt.	1,762,344.717	1,104,619.926
292+57.20	69.92' Lt.	1,762,314.219	1,104,663.912
292+57.29	74.92' Lt.	1,762,319.075	1,104,665.107
292+57.56	89.92' Lt.	1,762,333.643	1,104,668.692
293+05.42	80.08' Rt.	1,762,157.265	1,104,677.714
293+84.48	0.08' Rt.	1,762,217.770	1,104,772.529
293+92.33	30.08' Rt.	1,762,186.776	1,104,773.542

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G40001 1G40001T.E.	Standard Bank and Trust Trustee under Trust Agreement dated April 1, 1988 known as Trust No. 11684	9.631	1.065	0.457	8.566	0.257	N/A	19-09-19-400-027	
1G40002 1G40002T.E.	Route 30 Mokena, LLC	2.156	0.215	0.054	1.941	0.054	N/A	19-09-19-400-028	
1G40003T.E.	Mokena 30 & Wolf II, LLC	1.581	N/A	N/A	1.581	0.070	N/A	19-09-19-402-002	
1G40004P.E. 1G40004T.E.-C	Mokena 30 & Wolf, LLC	6.463	N/A	N/A	6.463	P.E.=0.009 T.E.-C=0.002	375 89	19-09-19-402-012 19-09-19-402-016	
1G40022 not included	Standard Bank and Trust Company, as Trustee under a Trust Agreement dated the 1st day of April, 1988 and known as Trust Number 11684	0.152	0.152	N/A	0.000	N/A	N/A		

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
286+25.45	30.09' Rt.	1,762,356.608	1,104,025.698
286+27.82	59.91' Lt.	1,762,443.848	1,104,047.942
287+25.40	80.09' Rt.	1,762,285.714	1,104,112.098
287+25.45	30.09' Rt.	1,762,334.462	1,104,123.215
287+25.47	0.09' Rt.	1,762,363.711	1,104,129.886
287+27.82	29.91' Lt.	1,762,392.447	1,104,138.616
287+27.82	59.91' Lt.	1,762,421.702	1,104,145.459
287+27.82	69.91' Lt.	1,762,431.454	1,104,147.674
287+27.82	80.00' Lt.	1,762,441.292	1,104,149.908
289+62.25	29.91' Lt.	1,762,340.531	1,104,367.425
289+62.31	59.91' Lt.	1,762,369.773	1,104,374.125
289+62.33	69.91' Lt.	1,762,379.521	1,104,376.358
289+62.35	80.00' Lt.	1,762,389.353	1,104,378.611
291+00.00	80.00' Lt.	1,762,358.868	1,104,512.848
291+00.00	90.00' Lt.	1,762,368.619	1,104,515.062

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 353 (U.S. ROUTE 30)

SECTION (12 & 13)WRS-3 WILL COUNTY  
PROJECT JOB NO. R-91-016-01  
STATION 286+00 TO STATION 294+00  
SCALE: 1"=30' SHEET 2 OF 16

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

AS DOCUMENT NO.

BY	DATE	MADE	CHECKED	IN	NOTEBOOK

August 21, 2007  
June 4, 2007  
May 24, 2007

REVISION DATE

Eliminated Parcel 1G40004T.E.-B  
Changed Parcel 1G40004T.E.-A to 1G40004P.E.  
Existing R.O.W. Parcel 1G40002

REVISION

MADE BY

PART OF THE SE 1/4 OF SEC. 19, TWP. 35 N., R. 12 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

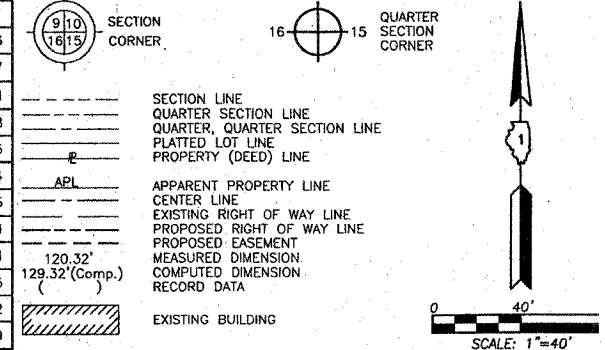
PHASE II OF THE 1ST ADDITION TO OLD CASTLE SOUTH  
Recorded March 16, 1998  
as Document No. R98-026670

Parcel	Document No.	Date Recorded
1G40001	343004	March 28, 1922
1G40001	R2005-118365	July 14, 2005
1G40004	R2002-093639	June 6, 2002
1G40004	R2002-093640	June 6, 2002
1G40004	R2005-136431	August 10, 2005
1G40005	R2002-093639	June 6, 2002
1G40005	R2005-136435	August 10, 2005
---	343004	March 28, 1922
---	R2007-100431	July 2, 2007

MOKENA CORNERS  
Recorded June 5, 2002  
as Document No. R2002-093640  
Corrected by Certificate of Correction  
Recorded June 21, 2006  
as Document No. R2006-102572

STATION	OFFSET	NORTH	EAST
294+00.00	90.00' Lt.	1,762,302.180	1,104,807.613
294+05.31	79.66' Rt.	1,762,135.557	1,104,775.217
294+05.42	80.08' Rt.	1,762,135.120	1,104,775.231
294+30.26	175.00' Rt.	1,762,037.058	1,104,778.438
296+05.29	69.92' Lt.	1,762,237.133	1,105,003.355
296+58.84	69.92' Lt.	1,762,225.274	1,105,055.574
296+59.74	119.92' Lt.	1,762,273.834	1,105,067.525
297+38.85	69.92' Lt.	1,762,207.555	1,105,133.601
297+39.75	119.92' Lt.	1,762,256.114	1,105,145.551
297+71.49	0.08' Rt.	1,762,132.066	1,105,149.925
297+72.12*	69.92' Lt.	1,762,200.188	1,105,166.042
299+97.00	69.58' Lt.	1,762,146.171	1,105,385.529
299+97.00	85.00' Lt.	1,762,161.150	1,105,389.191
300+02.77	69.57' Lt.	1,762,144.792	1,105,391.134
300+02.80	85.00' Lt.	1,762,159.774	1,105,394.821

LEGEND



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 824", P.I.D. AE2575 and "Will County GPS 1306", P.I.D. AE2485.

- IRON PIPE OR ROD FOUND
- ⊕ "MAC" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 IN IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY T2 T3 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 FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVY 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 LAKE }  
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 35N., RANGE 12E., OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 MONUMENT FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS  
DATED AT LAKE VILLA, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_  
AUG 2 3 2007



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
Coordinates are based on the Published Metric Coordinate Value at Found Geodetic Survey Control Monument "Will County GPS 824", P.I.D. AE2575, of N.537,448.209-E.335,164.469.  
NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
291+82.43	69.92' Lt.	1,762,330.778	1,104,590.993
291+82.44	74.92' Lt.	1,762,335.651	1,104,592.113
292+05.44	30.08' Rt.	1,762,228.164	1,104,591.293
292+57.20	69.92' Lt.	1,762,314.219	1,104,663.912
292+57.29	74.92' Lt.	1,762,319.075	1,104,665.107
292+57.56	89.92' Lt.	1,762,333.643	1,104,668.692
292+72.20	69.92' Lt.	1,762,310.897	1,104,678.542
292+72.56	89.92' Lt.	1,762,330.320	1,104,683.322
293+00.00	80.08' Rt.	1,762,158.466	1,104,672.429
293+00.00	175.00' Rt.	1,762,065.907	1,104,651.408
293+05.42	80.08' Rt.	1,762,157.265	1,104,677.714
293+84.48	0.08' Rt.	1,762,217.770	1,104,772.529
293+92.33	30.08' Rt.	1,762,186.776	1,104,773.542
294+00.00	69.92' Lt.	1,762,282.595	1,104,807.613

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 353 (U.S. ROUTE 30)  
SECTION (12 & 13)WRS-3 WILL COUNTY  
PROJECT JOB NO. R-91-016-C  
STATION 291+00 TO STATION 301+00  
SCALE: 1"=40' SHEET 3 OF 16

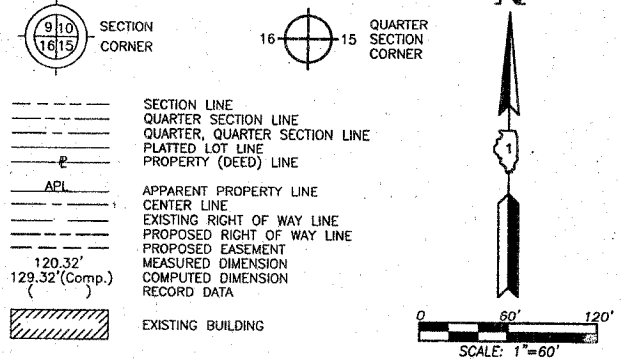
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G40001	Standard Bank and Trust Company as not included Trust Agreement dated April 1, 1922 known as Trust No. 11684	9.631	1.065	0.457	8.566	N/A	Grading	19-09-19-400-027	
1G40004P.E. 1G40004T.E.-C	Mokena-30-&Wolf, LLC - NOT INCLUDED	6.463	N/A	N/A	6.463	P.E.=0.009 T.E.-C=0.002	Drainage Purposes Grading	19-09-19-402-012 19-09-19-402-016	Harrison Investments NEW OWNER 10-15-07
1G40005T.E.	Mokena 30 & Wolf II, LLC not included	2.566	N/A	N/A	2.566	0.059	N/A	19-09-19-402-014	

August 21, 2007  
July 6, 2007  
REVISION DATE June 4, 2007  
Eliminated Parcel 1G40004T.E.-B  
Existing R.O.W. U.S. Route 30  
REVISION Changed Parcel 1G40004T.E.-A to 1G40004P.E.

PART OF THE SE 1/4 OF SEC. 19, TWP. 35 N., R. 12 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

LEGEND



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone of Found Geodetic Survey Control Monuments "Will County GPS 824", P.I.D. AE2575 and "Will County GPS 1306", P.I.D. AE2485.

- IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
5/8" REBAR 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.
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.
M 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 LAKE
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 35N., RANGE 12E., OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LAKE VILLA, ILLINOIS THIS 20 DAY OF AUGUST 2007

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 824", P.I.D. AE2575, of N.537,448.209-E.335,164.469.

U.S. ROUTE 30

NOTE: SURFACE COORDINATES ARE SHOWN.

Table with columns: STATION, OFFSET, NORTH, EAST. Lists stationing data for U.S. Route 30 from Sta. 294+05.31 to Sta. 304+84.72.

Schedule of Ties table with columns: Point Number, Tie to point, Tie Distance (feet). Lists tie points T1, T2, T3.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 353 (U.S. ROUTE 30)
SECTION (12 & 13)WRS-3 WILL COUNTY
PROJECT JOB NO. R-91-016-01
STATION 293+00 TO STATION 308+00 (U.S. 30)
STATION 295+00 TO STATION 304+00 (WOLF ROAD)
SCALE: 1"=60' SHEET 4 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196
AS DOCUMENT NO.

MOKENA CORNERS
Recorded June 6, 2002
as Document No. R2002-093640
Corrected by Certificate of Correction
Recorded June 21, 2006
as Document No. R2006-102572

See Sheet 12
for Total Holdings
Parcel 1G40008 &
1G40008T.E.-A & B

Proposed Pavement U.S. Route 30 Curve #5 table with columns: P.I., Delta, R, T, L, E, P.C., P.C.C. and values.

Existing Pavement U.S. Route 30 Curve #4 table with columns: P.I., Delta, R, T, L, E, P.C., P.T. and values.

Proposed Pavement Wolf Road Curve #1 table with columns: P.I., Delta, R, T, L, E, P.C., P.T. and values.

Existing Pavement Wolf Road Curve #8 table with columns: P.I., Delta, R, T, L, E, P.C., P.T. and values.

U.S. ROUTE 30 COORDINATE TABLE with columns: STATION, OFFSET, NORTH, EAST. Lists coordinate data for U.S. Route 30.

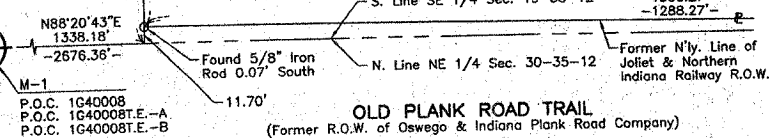
WOLF ROAD COORDINATE TABLE with columns: STATION, OFFSET, NORTH, EAST. Lists coordinate data for Wolf Road.

EXISTING R.O.W. RECORDED INFORMATION table with columns: Parcel, Document No., Date Recorded. Lists recorded right-of-way information.

Table with columns: PARCEL NUMBER, OWNER, TOTAL HOLDINGS ACRES, PART TAKEN ACRES, AREA IN EXISTING R.O.W. ACRES, REMAINDER AREA ACRES, EASEMENT AREA ACRES, EASEMENT PURPOSE, PERMANENT INDEX NUMBER, PROPERTY ACQUIRED BY. Lists parcel and ownership details.

M-1 "Monument Record"
North 1/4 Corner of Section 30-35-12
N.1,760,142.150-E.1,103,501.509
Recorded
Document No.

PRAIRIE RIDGE SUBDIVISION
Recorded October 26, 2005
as Document No. R2005-188217



REVISION DATE July 6, 2007

REVISION Parcel 1G40008 Configuration

MADE BY

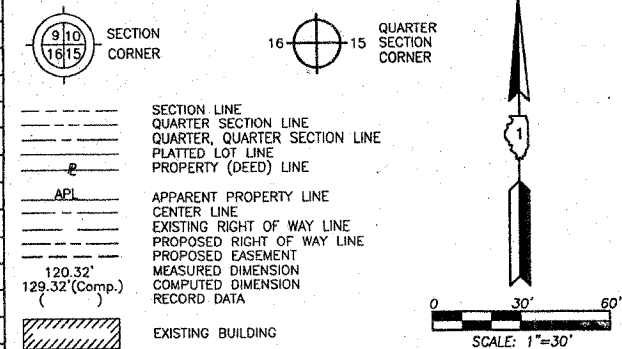
Table with columns: BY, DATE, MADE, CHECKED, INKED, ROW PLAT, NOTEBOOK NO. A checklist for the survey process.



SCALE: 1"=60'

PART OF THE SE 1/4 OF SEC. 19, TWP. 35 N., R. 12 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

LEGEND

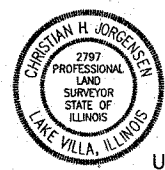


COORDINATE TABLE with columns: STATION, OFFSET, NORTH, EAST. Includes data for stations 302+50.00 through 307+66.59.

Schedule of Ties table with columns: Point Number, Tie to point, Tie Distance (feet). Includes data for points 1 through 4.

BEARINGS ARE REFERENCED TO THE ILLINOIS COORDINATE SYSTEM NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments 'Will County GPS 824', P.I.D. AE2575 and 'Will County GPS 1306', P.I.D. AE2485.

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM, LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 35N., RANGE 12E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF...



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2292 LICENSE EXPIRATION DATE: NOVEMBER 30, 2008. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

COORDINATE TABLE with columns: STATION, OFFSET, NORTH, EAST. Includes data for stations 300+02.77 through 302+35.35.

JORGENSEN & ASSOCIATES, INC. 120 PARK AVENUE LAKE VILLA, ILLINOIS 60046 (847) 356-3371

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.P. 353 (U.S. ROUTE 30) SECTION (12 & 13)WRS-3 WILL COUNTY PROJECT JOB NO. R-91-016-01 STATION 299+00 TO STATION 308+00 (U.S. 30) STATION 299+00 TO STATION 309+00 (WOLF ROAD) SCALE: 1"=30' SHEET 5 OF 16

BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAMBURG, ILLINOIS 60196 AS DOCUMENT NO.

MOKENA CORNERS Recorded June 8, 2002 as Document No. R2002-093640 Corrected by Certificate of Correction Recorded June 21, 2006 as Document No. R2006-102572

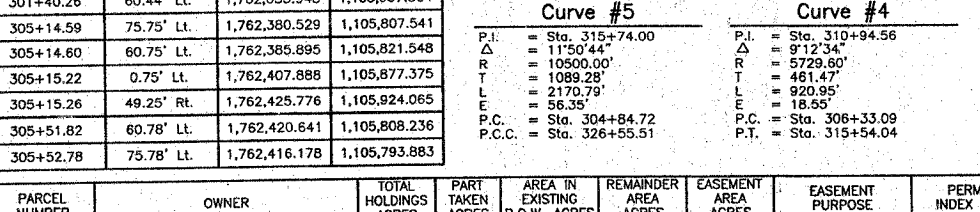
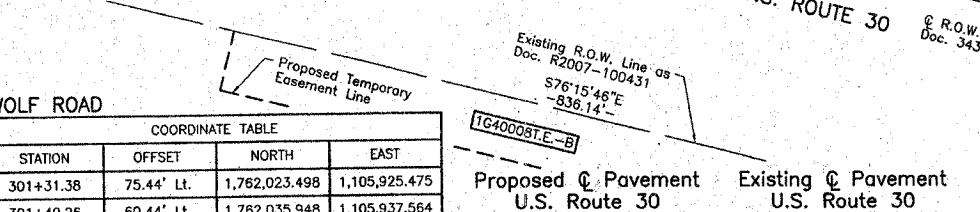
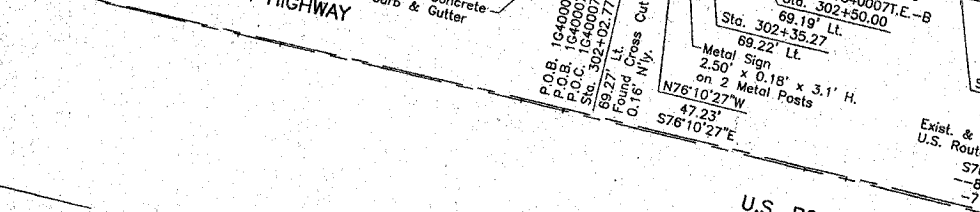
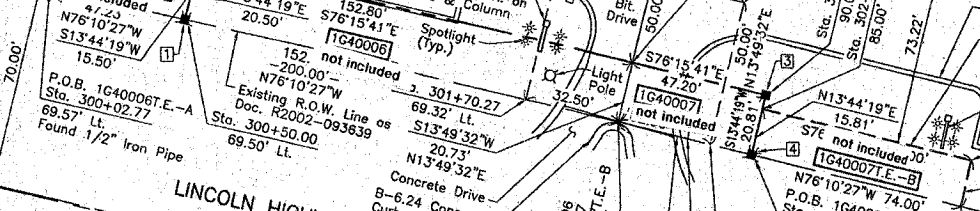
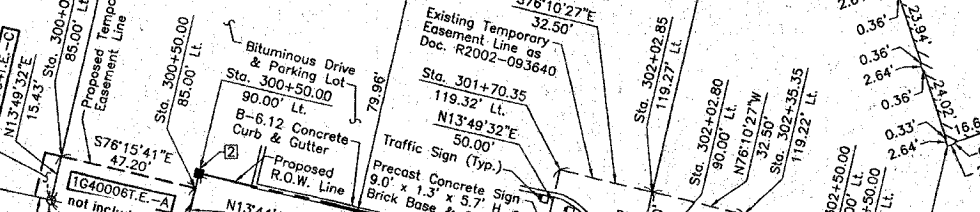
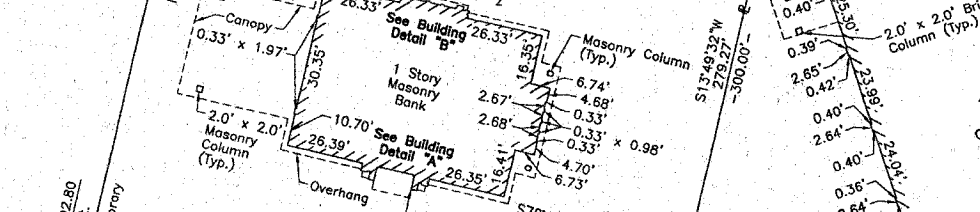
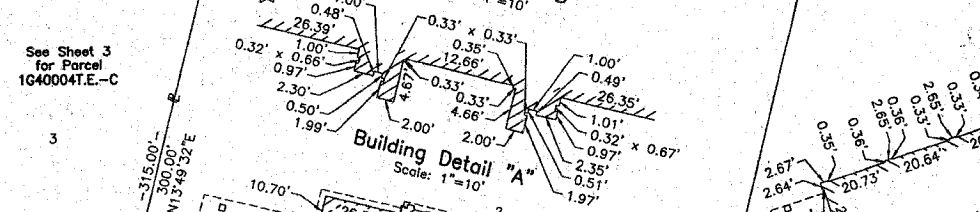
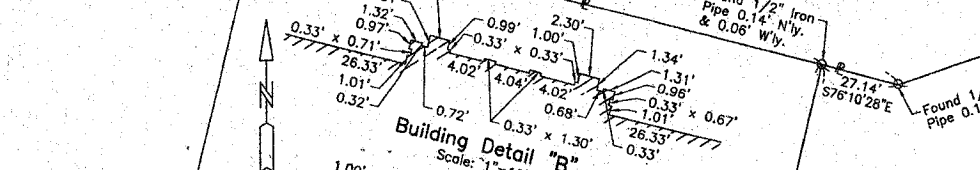
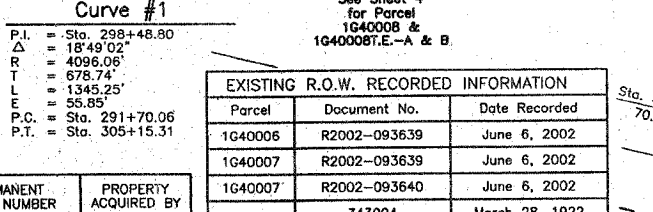
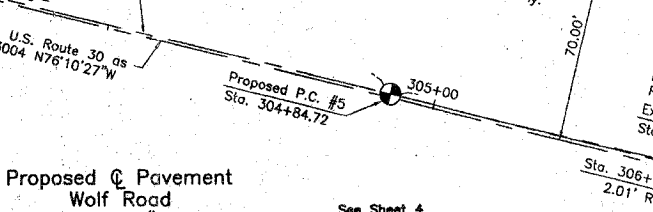
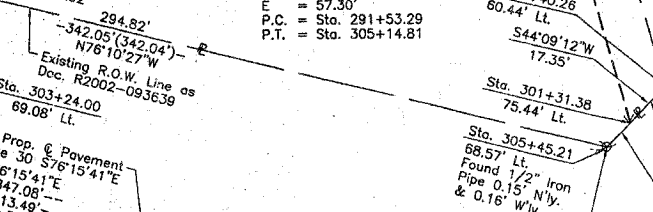
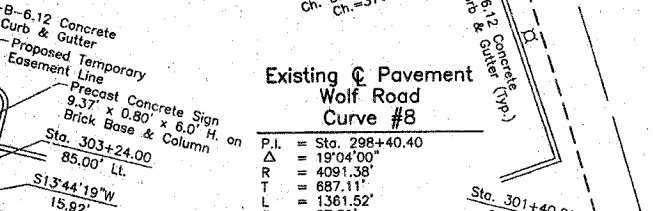
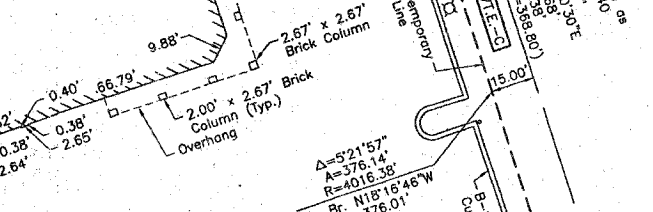
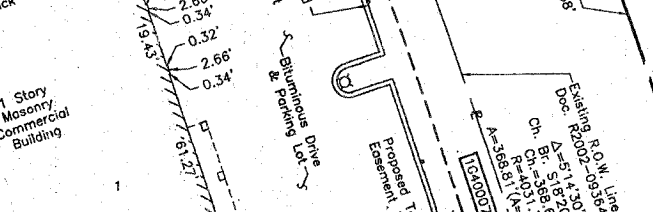
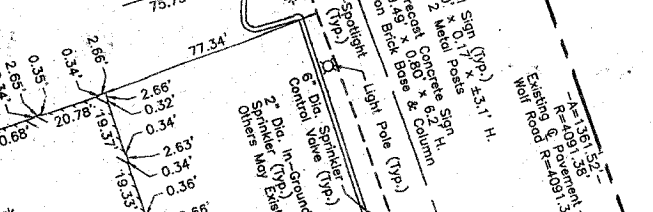
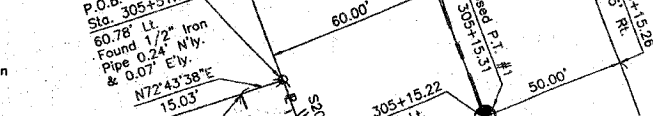


Table with columns: PARCEL NUMBER, OWNER, TOTAL HOLDINGS ACRES, PART TAKEN ACRES, AREA IN EXISTING R.O.W. ACRES, REMAINDER AREA ACRES, EASEMENT AREA ACRES, EASEMENT PURPOSE, PERMANENT INDEX NUMBER, PROPERTY ACQUIRED BY.



EXISTING R.O.W. RECORDED INFORMATION table with columns: Parcel, Document No., Date Recorded. Includes data for parcels 1G40006, 1G40007, 1G40008.

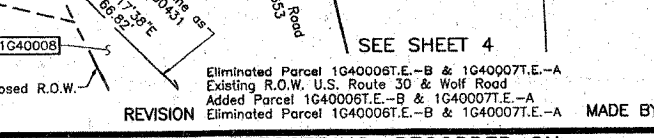
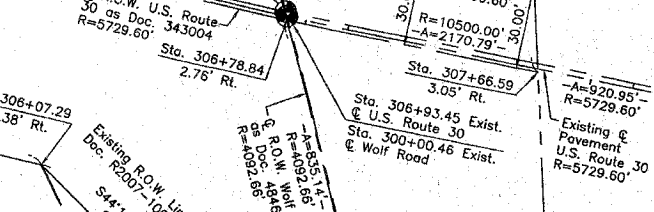
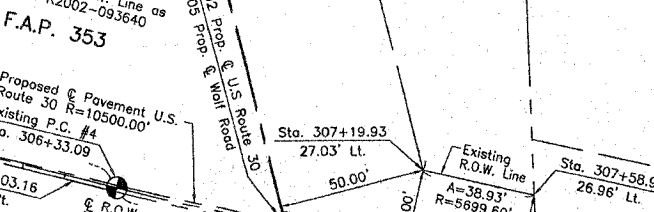
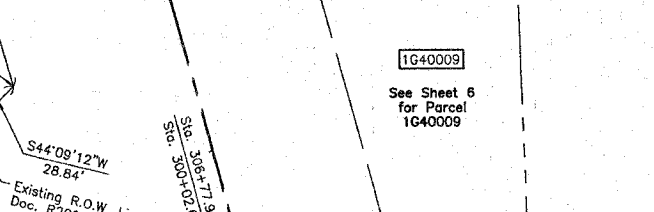
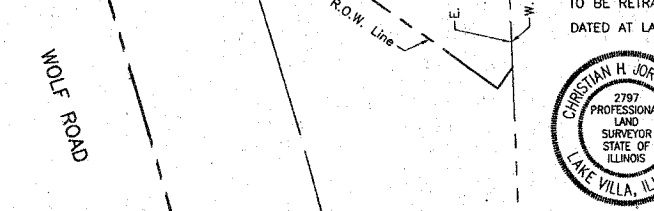
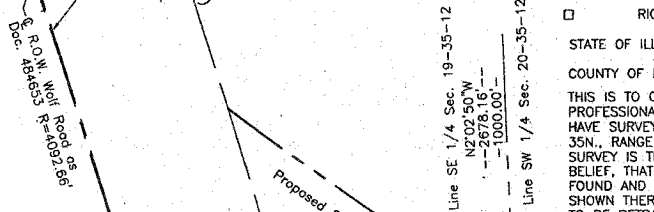
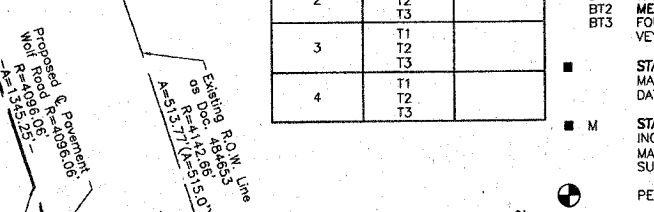
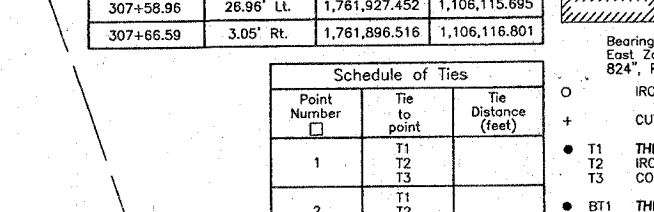
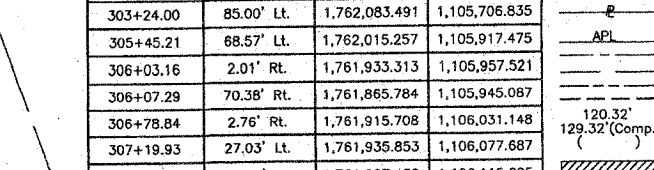
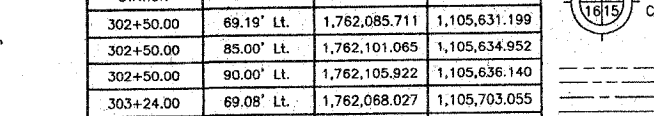


Table with columns: BY, DATE, MAKE, CHECKED, INKED, ROW, PLAY, NOTEBOOK, NO.

REVISION DATE August 21, 2007 July 9, 2007 May 24, 2007 January 30, 2007

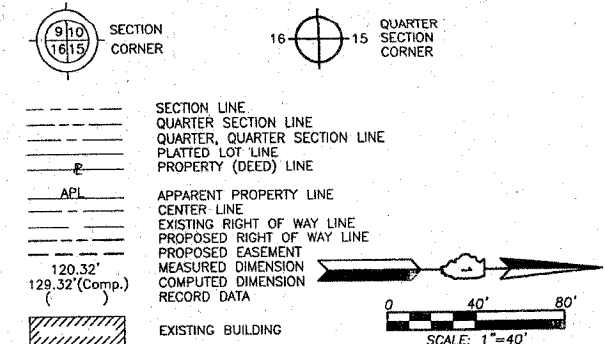
REVISION

MADE BY



10 AND PART OF THE SW 1/4 OF SEC. 20, TWP. 35 N., R. 12 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

LEGEND



Existing Pavement Wolf Road Curve #8

P.I. = Sta. 298+40.40  
Δ = 19°04'00"  
R = 4091.38'  
T = 687.11'  
L = 1361.52'  
E = 57.30'  
P.C. = Sta. 291+53.29  
P.T. = Sta. 305+14.81

Existing Pavement Wolf Road Curve #9

P.I. = Sta. 313+60.20  
Δ = 18°16'20"  
R = 3178.50'  
T = 511.17'  
L = 1013.66'  
E = 40.84'  
P.C. = Sta. 308+49.03  
P.T. = Sta. 318+62.69

Proposed Pavement Wolf Road Curve #1

P.I. = Sta. 298+48.80  
Δ = 18°49'02"  
R = 4096.06'  
T = 678.74'  
L = 1345.25'  
E = 55.85'  
P.C. = Sta. 291+70.06  
P.T. = Sta. 305+15.31

PHASE II OF THE 1ST ADDITION TO OLD CASTLE SOUTH

Recorded March 16, 1998 as Document No. R98-026670

MOKENA CORNERS  
Recorded June 6, 2002 as Document No. R2002-093640  
Corrected by Certificate of Correction  
Recorded June 21, 2006 as Document No. R2006-102572

See Sheet 5 for Parcel 1G40007 & 1G40007E.-B & C

See Sheet 13 for Total Holdings Parcel 1G40009

See Sheet 14 for Total Holdings Parcel 1G40020P.E.-A & B

Schedule of Ties table with columns: Point Number, Tie to point, Tie Distance (feet)



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

WOLF ROAD

COORDINATE TABLE with columns: STATION, OFFSET, NORTH, EAST

Table with columns: PARCEL NUMBER, OWNER, TOTAL HOLDINGS ACRES, PART TAKEN ACRES, AREA IN EXISTING R.O.W. ACRES, REMAINDER AREA ACRES, EASEMENT AREA ACRES, EASEMENT PURPOSE, PERMANENT INDEX NUMBER, PROPERTY ACQUIRED BY

EXISTING R.O.W. RECORDED INFORMATION table with columns: Parcel, Document No., Date Recorded

U.S. ROUTE 30 COORDINATE TABLE with columns: STATION, OFFSET, NORTH, EAST

REVISION DATE July 3, 2007

REVISION Parcel 1G40009 Configuration, Added Parcel 1G40020P.E.-B MADE BY

JORGENSEN & ASSOCIATES, INC. 120 PARK AVENUE LAKE VILLA, ILLINOIS 60046 SHEET 1 IS A PRIVATE & LEG. SHEET AND IS NOT RECORDED

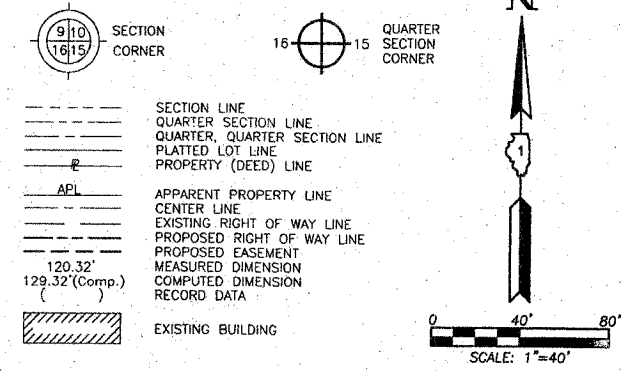
PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.P. 353 (U.S. ROUTE 30) SECTION (12 & 13)WRS-3 WILL COUNTY PROJECT JOB NO. R-91-016- STATION 301+00 TO STATION 311+00 SCALE: 1"=40' SHEET 6A OF 16 BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196

PART OF THE SW 1/4 OF SEC. 20, TWP. 35 N., R. 12 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

Parcel	Document No.	Date Recorded
1G40011	556765	June 18, 1942
1G40012	556765	June 18, 1942
1G40013	556765	June 18, 1942
1G40013	R2003-115651	May 20, 2003
---	556765	June 18, 1942

STATION	OFFSET	NORTH	EAST
318+25.00	127.00' RL	1,761,602.088	1,107,147.247
318+26.01	66.82' RL	1,761,661.778	1,107,154.996
318+28.95	86.73' RL	1,761,641.660	1,107,155.715
318+34.82	126.66' RL	1,761,601.316	1,107,157.157

LEGEND



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments Will County GPS 824", P.I.D. AE2575 and Will County GPS 1306", P.I.D. AE2485.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 T2 T3 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 BT2 BT3 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.
- 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 LAKE }  
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 35N., RANGE 12E., OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LAKE VILLA, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_ 20\_\_ A.D.



PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2008  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 824", P.I.D. AE2575, of N.537.448.209-E.335.164.469.  
 NOTE: SURFACE COORDINATES ARE SHOWN.

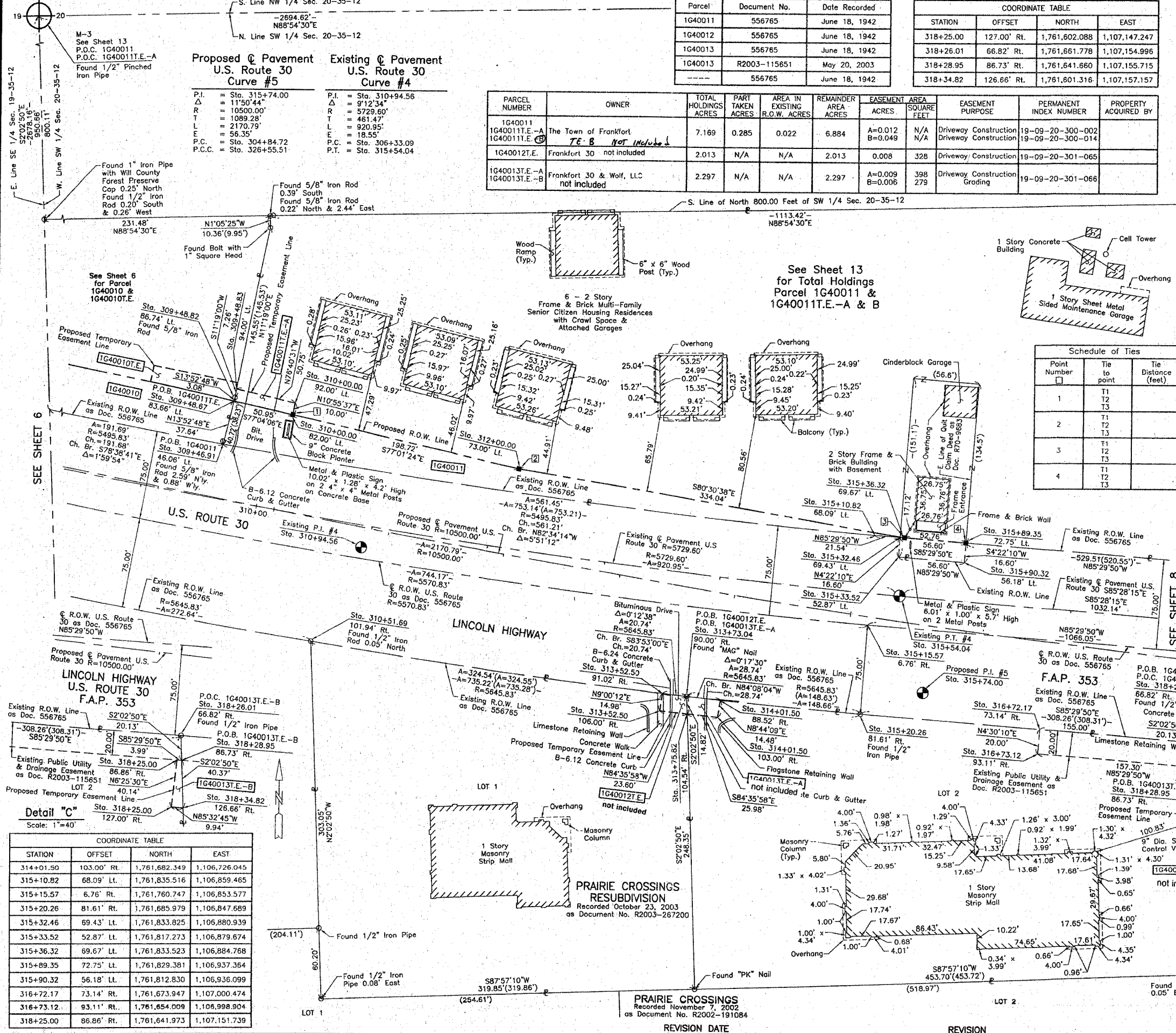
STATION	OFFSET	NORTH	EAST
309+46.91	46.06' LL	1,761,908.084	1,106,302.966
309+48.67	83.66' LL	1,761,944.622	1,106,311.995
309+48.82	86.74' LL	1,761,947.615	1,106,312.735
309+48.83	94.00' LL	1,761,954.736	1,106,314.160
310+00.00	82.00' LL	1,761,933.220	1,106,361.652
310+00.00	92.00' LL	1,761,943.038	1,106,363.548
310+51.69	101.94' RL	1,761,742.844	1,106,378.055
312+00.00	73.00' LL	1,761,888.595	1,106,555.302
313+52.50	91.02' RL	1,761,701.810	1,106,679.030
313+52.50	106.00' RL	1,761,687.016	1,106,676.686
313+73.04	90.00' RL	1,761,699.600	1,106,699.652
313+75.82	104.54' RL	1,761,684.794	1,106,700.182
314+01.50	88.52' RL	1,761,696.663	1,106,696.663

JUL 13 2007  
 JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046  
 (847) 356-3371

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 F.A.P. 353 (U.S. ROUTE 30)  
 SECTION (12 & 13)WRS-3 WILL COUNTY  
 PROJECT JOB NO. R-91-016-01  
 STATION 309+00 TO STATION 319+00  
 SCALE: 1"=40' SHEET 7 OF 16

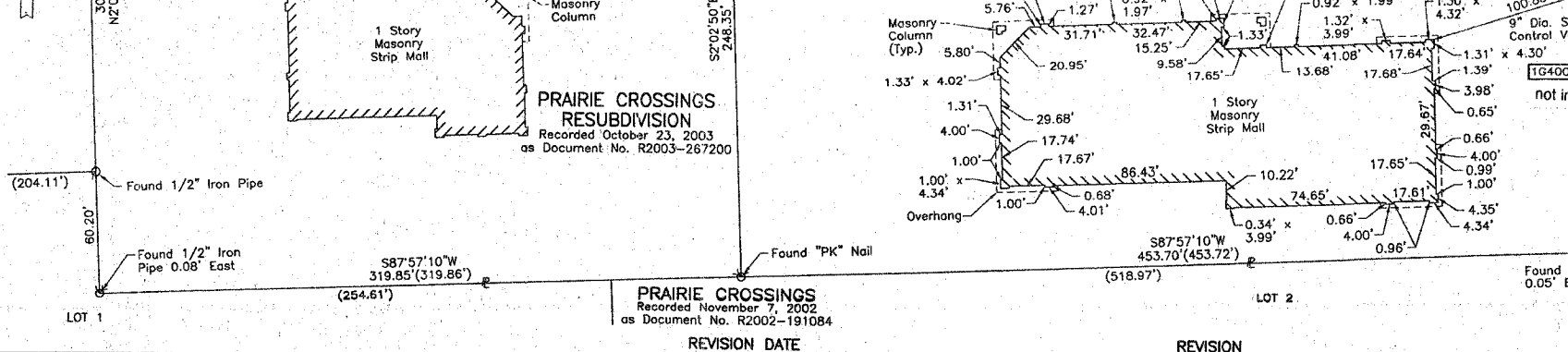
**BUREAU OF LAND ACQUISITION**  
**201 WEST CENTER COURT**  
**SCHAUMBURG, ILLINOIS 60196**  
 AS DOCUMENT NO.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G40011	The Town of Frankfort	7.169	0.285	0.022	6.884	A=0.012 B=0.049	N/A N/A	Driveway Construction	19-09-20-300-002	
1G40011E-A	TE B NOT INCLUDE							Driveway Construction	19-09-20-300-014	
1G40012E	Frankfort 30 not included	2.013	N/A	N/A	2.013			Driveway Construction	19-09-20-301-065	
1G40013E-A	Frankfort 30 & Wolf, LLC not included	2.297	N/A	N/A	2.297	A=0.008 B=0.006	398 279	Driveway Construction	19-09-20-301-066	



BY	DATE	REVISION

STATION	OFFSET	NORTH	EAST
314+01.50	103.00' RL	1,761,682.349	1,106,726.045
315+10.82	68.09' LL	1,761,835.516	1,106,859.465
315+15.57	6.76' RL	1,761,760.747	1,106,853.577
315+20.26	81.61' RL	1,761,685.979	1,106,847.689
315+32.46	69.43' LL	1,761,833.825	1,106,880.939
315+33.52	52.87' LL	1,761,817.273	1,106,879.674
315+36.32	69.67' LL	1,761,833.523	1,106,884.768
315+89.35	72.75' LL	1,761,829.381	1,106,937.364
315+90.32	56.18' LL	1,761,812.830	1,106,936.099
316+72.17	73.14' RL	1,761,673.947	1,107,000.474
316+73.12	93.11' RL	1,761,654.009	1,106,998.904
318+25.00	86.86' RL	1,761,641.973	1,107,151.739

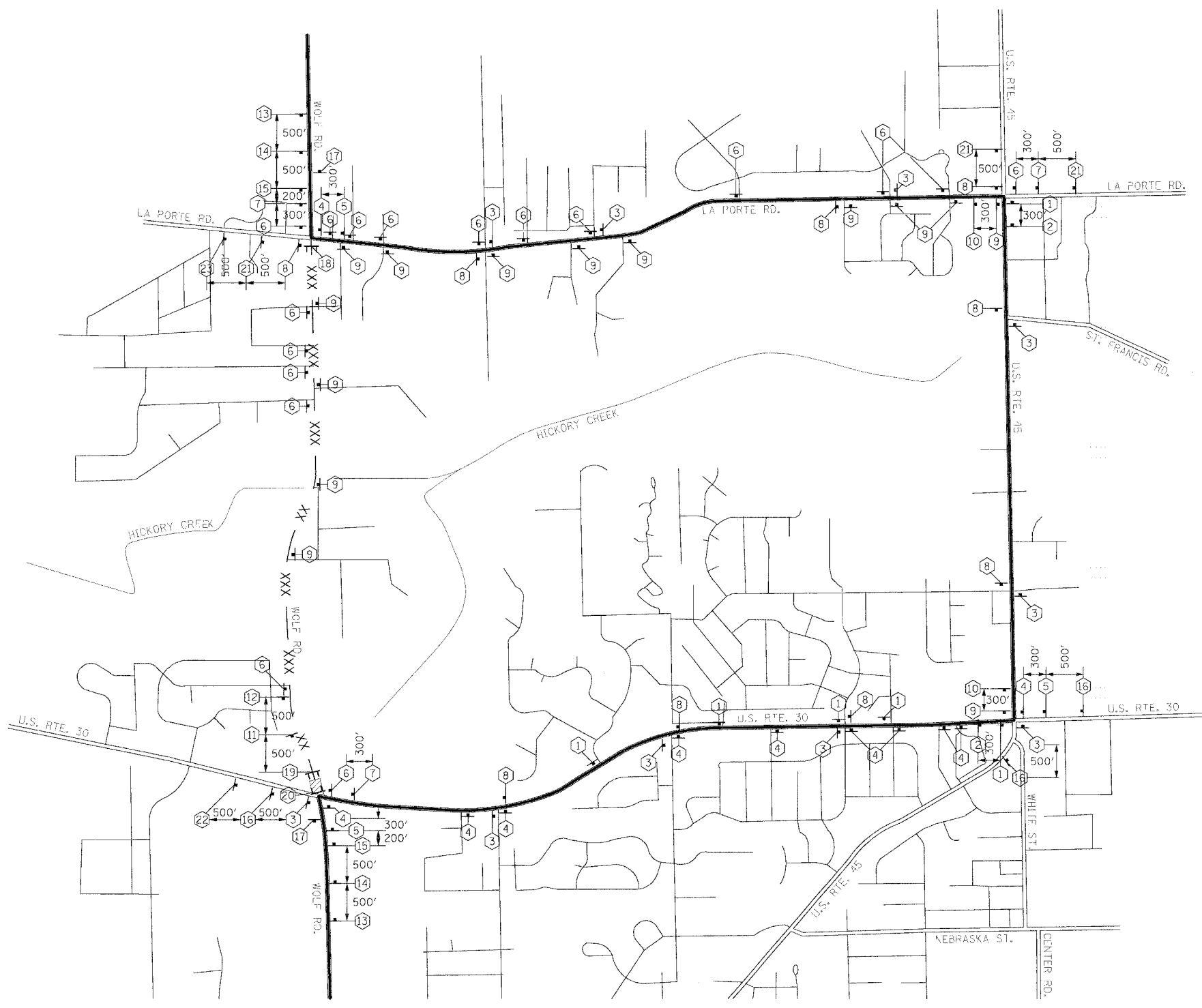




F.A.P. RTEL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
353	12R-4	WILL	199	33
STA.	TO STA.			
FED. ROAD DIST. NO.	SUBDIVISION	FED. AID PROJECT		

**SIGN LEGEND**

①	<b>DETOUR NORTH</b> WOLF ROAD ←	M4-8-2412 M3-1-2412 SEE DETAIL M6-1L-2115	⑩	<b>DETOUR SOUTH</b> WOLF ROAD →	M4-8-2412 M3-3-2412 SEE DETAIL M5-1R-2115	⑪	ROAD CLOSED 500 FT	W20-3-4848	⑰	<b>END DETOUR</b>	M4-8A-2418
②	<b>DETOUR NORTH</b> WOLF ROAD ↙	M4-8-2412 M3-1-2412 SEE DETAIL M5-1L-2115	⑫	ROAD CLOSED 1000 FT	W20-3-4848	⑱	ROAD CLOSED THRU TRAFFIC DETOUR	R11-4-6030 M4-10L-4818	MIN. 5 EACH		
③	<b>DETOUR NORTH</b> WOLF ROAD ↑	M4-8-2412 M3-1-2412 SEE DETAIL M6-3-2115	⑬	ROAD CLOSED AHEAD	W20-3-4848	⑲	ROAD CLOSED THRU TRAFFIC DETOUR	R11-2-4830 M4-10R-4818	MIN. 5 EACH		
④	<b>DETOUR NORTH</b> WOLF ROAD →	M4-8-2412 M3-1-2412 SEE DETAIL M6-1R-2115	⑭	DETOUR AHEAD	W20-2-4848	⑳	ROAD CLOSED THRU TRAFFIC DETOUR	R11-4-6030 M4-10R-4818	MIN. 5 EACH		
⑤	<b>DETOUR NORTH</b> WOLF ROAD ↘	M4-8-2412 M3-1-2412 SEE DETAIL M5-1R-2115	⑮	ROAD CLOSED 500 FT	W20-3-4848	㉑	DETOUR AHEAD	W20-2-4848			
⑥	<b>DETOUR SOUTH</b> WOLF ROAD ←	M4-8-2412 M3-3-2412 SEE DETAIL M6-1L-2115	⑯	DETOUR AHEAD	W20-2-4848	㉒	<b>NORTH WOLF RD</b>	M3-1-2412 D3-4212 (BLACK ON ORANGE)	㉓	<b>SOUTH WOLF RD</b>	M3-3-2412 D3-4212 (BLACK ON ORANGE)
⑦	<b>DETOUR SOUTH</b> WOLF ROAD ↙	M4-8-2412 M3-3-2412 SEE DETAIL M5-1L-2115	⑰	ROAD CLOSED AHEAD	W20-3-4848	㉔	ROAD CLOSED AHEAD	W20-3-4848			
⑧	<b>DETOUR SOUTH</b> WOLF ROAD ↑	M4-8-2412 M3-3-2412 SEE DETAIL M6-3-2115	⑱	<b>NORTH WOLF RD</b>	M3-1-2412 D3-4212 (BLACK ON ORANGE)						
⑨	<b>DETOUR SOUTH</b> WOLF ROAD →	M4-8-2412 M3-3-2412 SEE DETAIL M6-1R-2115									



**LEGEND**

- DETOUR ROUTE
- XXX — PARTIALLY CLOSED ROADWAY
- ▨ COMPLETELY CLOSED ROADWAY
- MAJOR STREET
- MINOR STREET
- TYPE A MONODIRECTIONAL FLASHING LIGHT
- ⊥ TYPE III BARRICADE
- ⊥ SIGN

**WOLF ROAD**  
4" BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND - 24" x 18"  
**SIGN DETAIL**

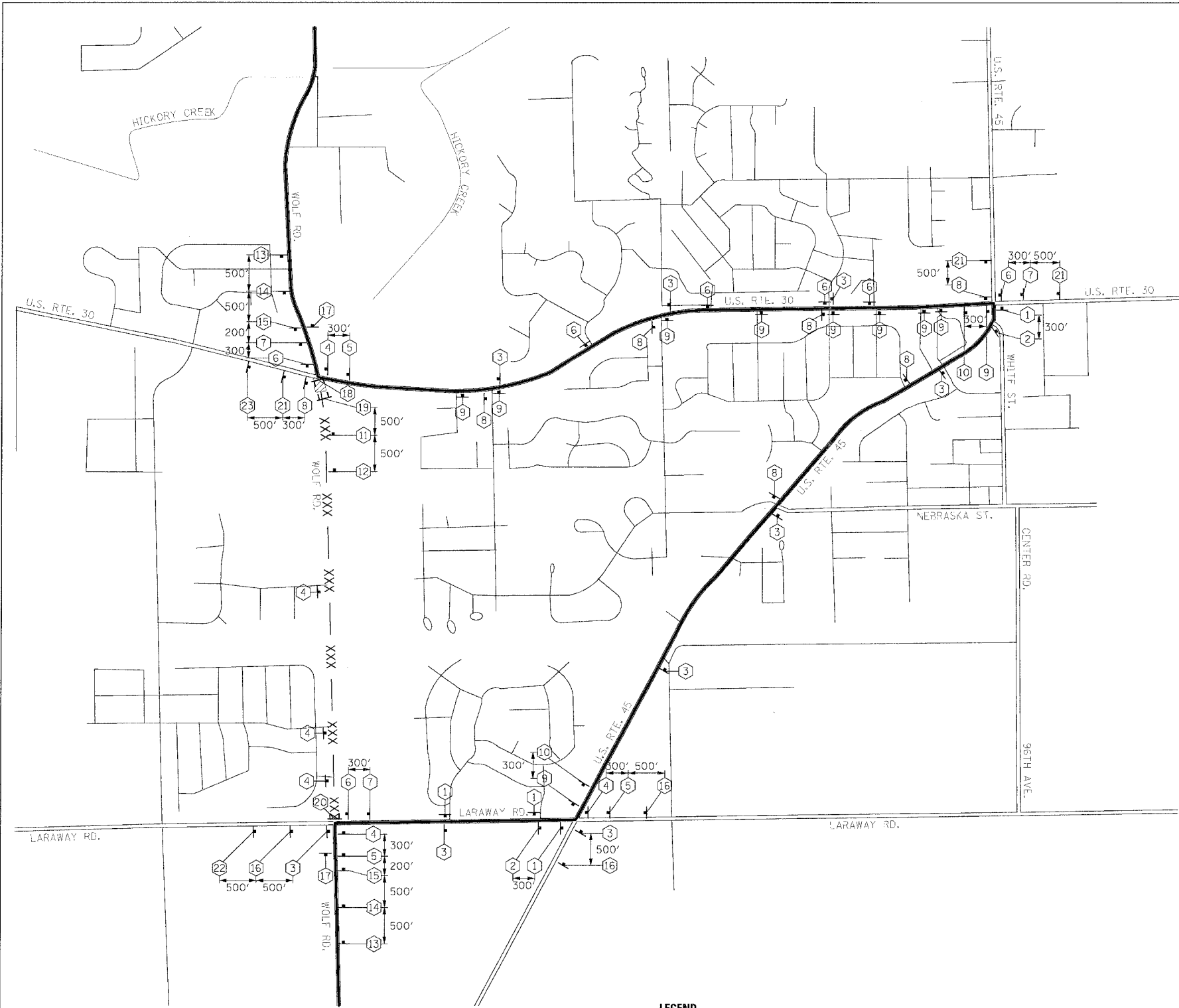
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		STAGE 1A DETOUR ROUTE U. S. RTE. 30 (LINCOLN HIGHWAY)  SCALE : 1" = NTS DATE : 03/21/08 DRAWN BY : BAE CHECKED BY : GB



F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	33A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**SIGN LEGEND**

<p>① <b>DETOUR NORTH</b> M4-8-2412  <b>WOLF ROAD</b> M3-1-2412   M6-1L-2115</p>	<p>⑩ <b>DETOUR SOUTH</b> M4-8-2412  <b>WOLF ROAD</b> M3-3-2412   M5-1R-2115</p>	<p>⑪  ROAD CLOSED 500 FT W20-3-4848</p>	<p>⑬  ROAD CLOSED 1000 FT W20-3-4848</p>	<p>⑮  ROAD CLOSED AHEAD W20-3-4848</p>	<p>⑯  DETOUR AHEAD W20-2-4848</p>	<p>⑰  END DETOUR M4-8A-2418</p>
<p>② <b>DETOUR NORTH</b> M4-8-2412  <b>WOLF ROAD</b> M3-1-2412   M5-1L-2115</p>	<p>③ <b>DETOUR NORTH</b> M4-8-2412  <b>WOLF ROAD</b> M3-1-2412   M6-3-2115</p>	<p>⑫  ROAD CLOSED 1000 FT W20-3-4848</p>	<p>⑭  ROAD CLOSED AHEAD W20-3-4848</p>	<p>⑲  DETOUR AHEAD W20-2-4848</p>	<p>⑲  ROAD CLOSED TO THRU TRAFFIC R11-4-6030   M4-10L-4818                  MIN. 5 EACH   TYPE III BARRICADE</p>	<p>⑲  ROAD CLOSED TO THRU TRAFFIC R11-2-4830   M4-10R-4818                  MIN. 5 EACH   TYPE III BARRICADE</p>
<p>④ <b>DETOUR NORTH</b> M4-8-2412  <b>WOLF ROAD</b> M3-1-2412   M6-1R-2115</p>	<p>⑤ <b>DETOUR NORTH</b> M4-8-2412  <b>WOLF ROAD</b> M3-1-2412   M5-1R-2115</p>	<p>⑬  ROAD CLOSED AHEAD W20-3-4848</p>	<p>⑰  DETOUR AHEAD W20-2-4848</p>	<p>⑲  ROAD CLOSED TO THRU TRAFFIC R11-4-6030   M4-10R-4818                  MIN. 5 EACH   TYPE III BARRICADE</p>	<p>⑲  ROAD CLOSED TO THRU TRAFFIC R11-2-4830   M4-10L-4818                  MIN. 5 EACH   TYPE III BARRICADE</p>	<p>⑳  ROAD CLOSED TO THRU TRAFFIC R11-4-6030   M4-10R-4818                  MIN. 5 EACH   TYPE III BARRICADE</p>
<p>⑥ <b>DETOUR SOUTH</b> M4-8-2412  <b>WOLF ROAD</b> M3-3-2412   M6-1L-2115</p>	<p>⑦ <b>DETOUR SOUTH</b> M4-8-2412  <b>WOLF ROAD</b> M3-3-2412   M5-1L-2115</p>	<p>⑭  ROAD CLOSED AHEAD W20-2-4848</p>	<p>⑱  ROAD CLOSED 500 FT W20-3-4848</p>	<p>⑲  DETOUR AHEAD W20-2-4848</p>	<p>⑲  DETOUR AHEAD W20-2-4848</p>	<p>⑲  DETOUR AHEAD W20-2-4848</p>
<p>⑧ <b>DETOUR SOUTH</b> M4-8-2412  <b>WOLF ROAD</b> M3-3-2412   M6-3-2115</p>	<p>⑨ <b>DETOUR SOUTH</b> M4-8-2412  <b>WOLF ROAD</b> M3-3-2412   M6-1R-2115</p>	<p>⑱  ROAD CLOSED AHEAD W20-3-4848</p>	<p>⑲  ROAD CLOSED AHEAD W20-3-4848</p>	<p>⑲  ROAD CLOSED AHEAD W20-3-4848</p>	<p>⑲  ROAD CLOSED AHEAD W20-3-4848</p>	<p>⑲  ROAD CLOSED AHEAD W20-3-4848</p>



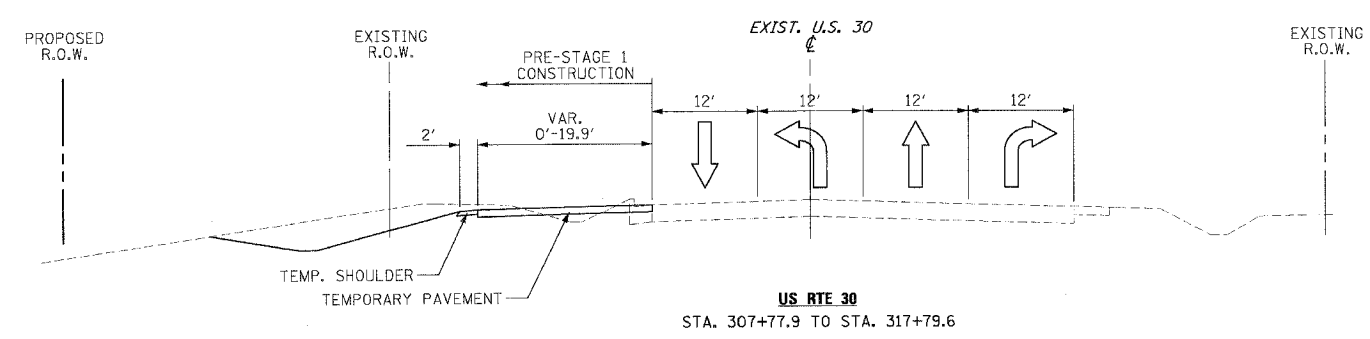
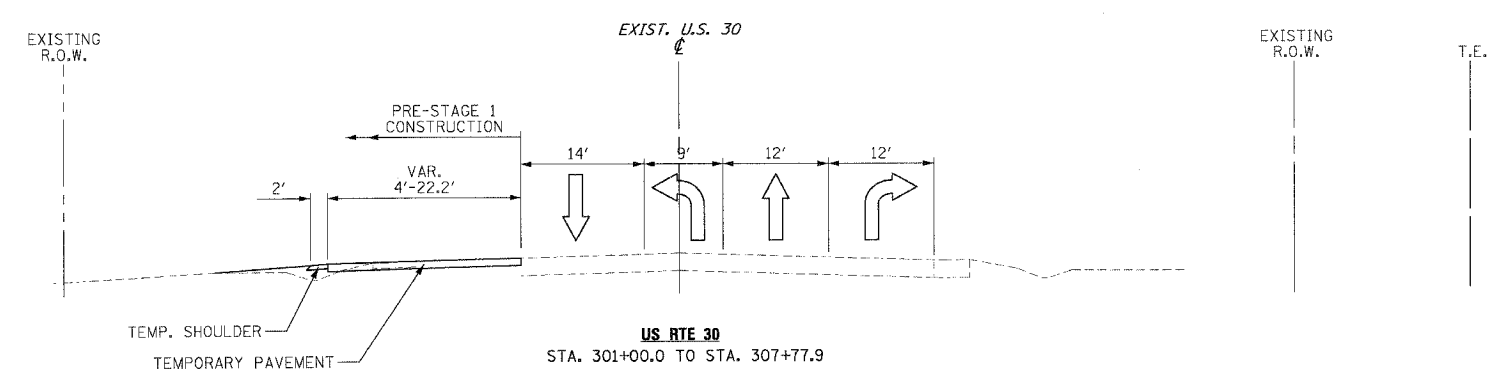
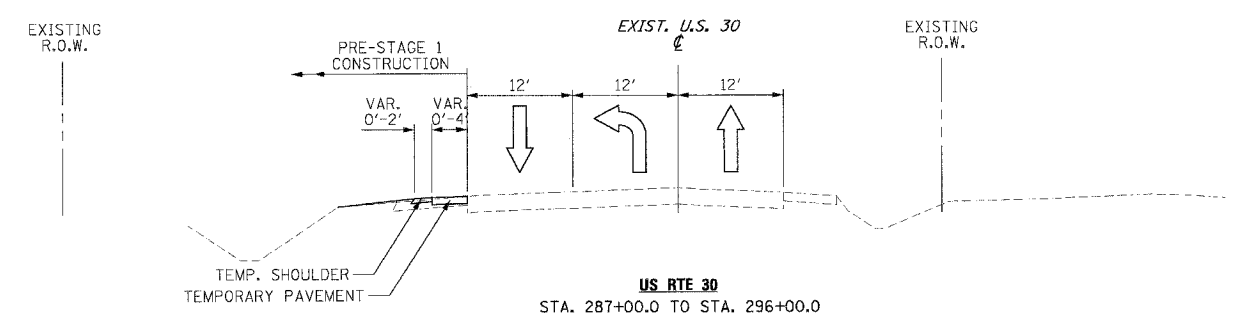
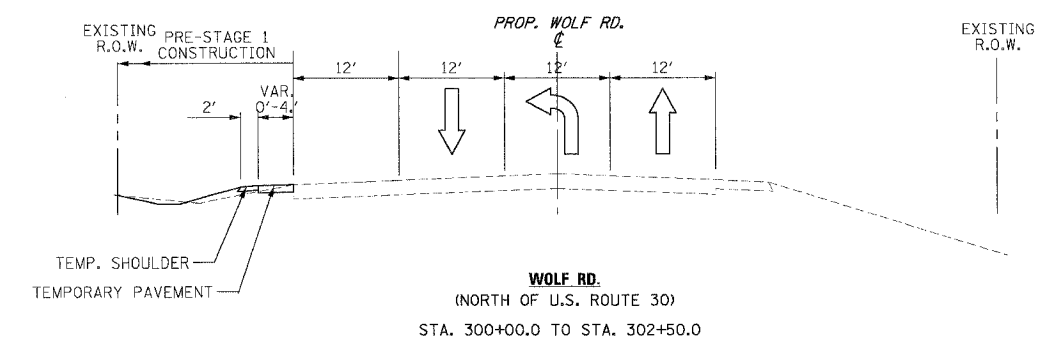
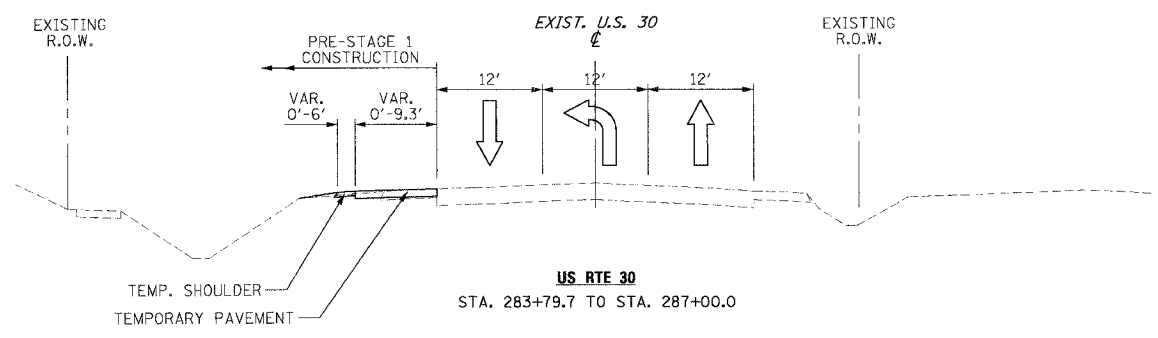
**LEGEND**

- DETOUR ROUTE
- PARTIALLY CLOSED ROADWAY
- COMPLETELY CLOSED ROADWAY
- MAJOR STREET
- MINOR STREET
- TYPE A MONODIRECTIONAL FLASHING LIGHT
- TYPE III BARRICADE
- SIGN

WOLF ROAD  
 4" BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND - 24" x 18"  
**SIGN DETAIL**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		STAGE 1B DETOUR ROUTE U. S. RTE. 30 (LINCOLN HIGHWAY)  SCALE : 1" = NTS DATE : 03/21/08 DRAWN BY : BAE CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC PRE-STAGE 1 U.S. RTE. 30 (LINCOLN HIGHWAY)
NAME	DATE	

SCALE : 1" = 50'  
DATE : 03/21/2008  
DRAWN BY : BEC  
CHECKED BY :



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# PRE-STAGE 1 GENERAL NOTES

## PRE-STAGE 1 CONSTRUCTION

ALL UTILITY RELOCATIONS SHALL TAKE PLACE DURING PRE-STAGE 1.

ALL TREE REMOVAL TO TAKE PLACE DURING PRE-STAGE 1.

STORM SEWER LATERALS SHALL BE INSTALLED AS SHOWN ON THE PRE-STAGE 1 PLANS. STORM SEWER MAINLINE SHALL BE CONSTRUCTED AT THE FOLLOWING LOCATIONS:

- FROM STA. 293+72 TO STA. 299+50
- FROM STA. 301+10 TO STA. 304+70
- FROM STA. 305+50 TO STA. 311+35
- FROM STA. 318+38 TO STA. 318+59

TEMPORARY PAVEMENT AND AGGREGATE SHOULDERS SHALL BE CONSTRUCTED AS SHOWN ON THE PRE-STAGE 1 PLANS.

## PRE-STAGE 1 GENERAL NOTES

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL PUBLIC AND PRIVATE ENTRANCES UNLESS INDICATED OTHERWISE IN THE PLANS.

STORM SEWER STRUCTURES SHALL BE CONSTRUCTED TO AN ELEVATION BELOW EXISTING GRADE, SUFFICIENT FOR CONSTRUCTION OF STORM SEWER, AND THEN COVERED WITH A STEEL PLATE UNTIL FINAL FRAME AND GRATE CAN BE CONSTRUCTED, UNLESS PLANS INDICATE OTHERWISE.

STORM SEWER CONSTRUCTED NOT TERMINATING AT A DRAINAGE STRUCTURE SHALL BE TEMPORARILY PLUGGED UNTIL DRAINAGE STRUCTURE IS CONSTRUCTED OR STORM SEWER CONSTRUCTION RESUMES.

## PRE-STAGE 1 TRAFFIC

US RTE 30

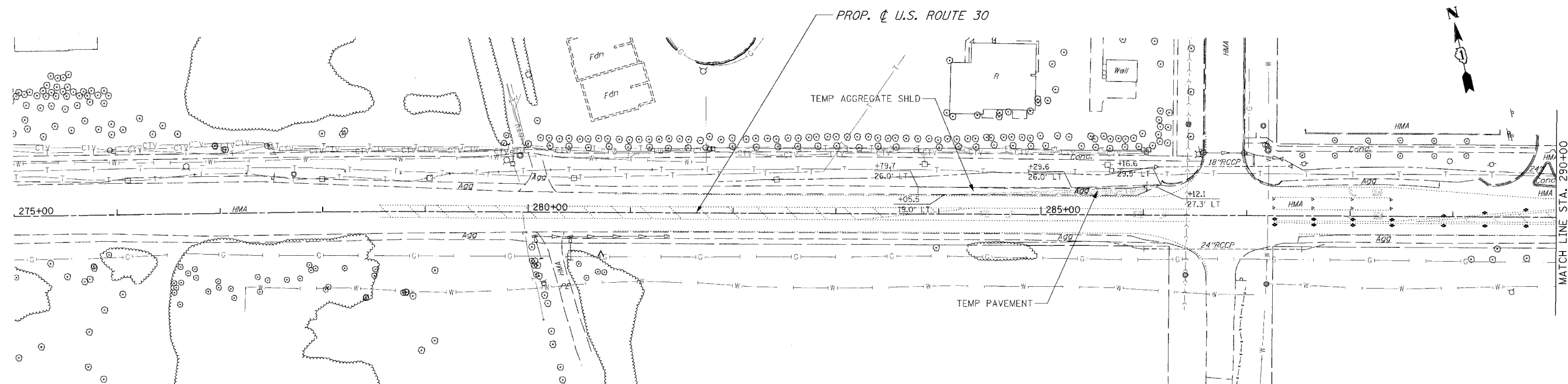
1. USE IDOT STANDARD 701326 TO CONSTRUCT TEMPORARY PAVEMENT.

2. USE IDOT STANDARD 701502 FOR TRENCHING AND PATCHING OPERATIONS ACROSS US RTE 30.

WOLF ROAD

1. USE IDOT STANDARD 701326 TO CONSTRUCT TEMPORARY PAVEMENT.

USE IDOT STANDARDS 701001, 701006, AND 701011 AS NEEDED ON US RTE 30 AND WOLF ROAD.



### LEGEND

- TEMPORARY PAVEMENT
- CONSTRUCTION ZONE
- TYPE III BARRICADE
- TYPE 1 OR 2 BARRICADE
- TEMPORARY STRUCTURE NUMBER
- TEMPORARY PIPE NUMBER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

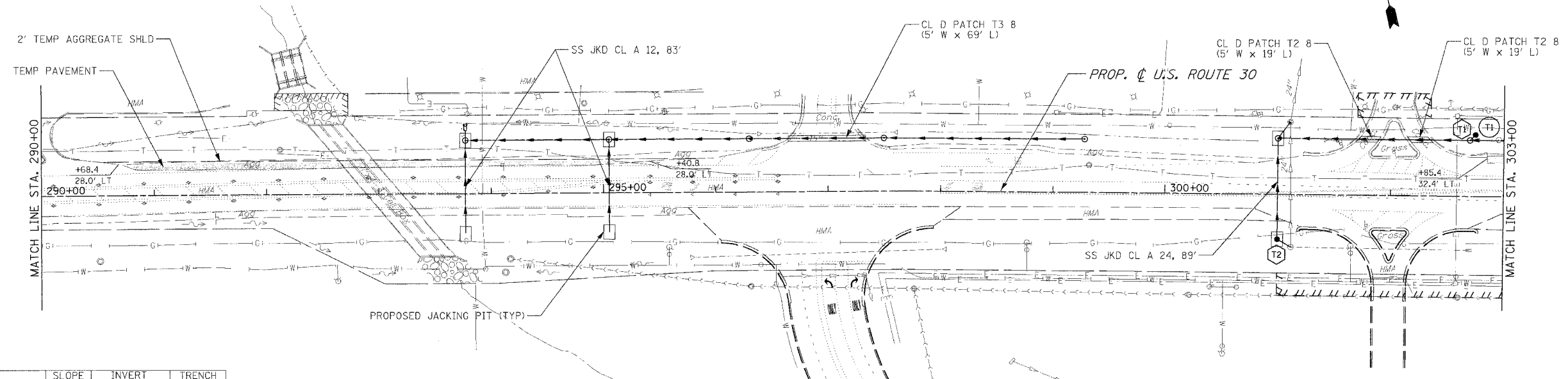
### MAINTENANCE OF TRAFFIC

PRE-STAGE 1  
U.S. RTE. 30 (LINCOLN HIGHWAY)  
STA. 275+00 TO STA. 290+00

SCALE : 1" = 50'  
DATE : 03/21/2008

DRAWN BY : BAE  
CHECKED BY : GB

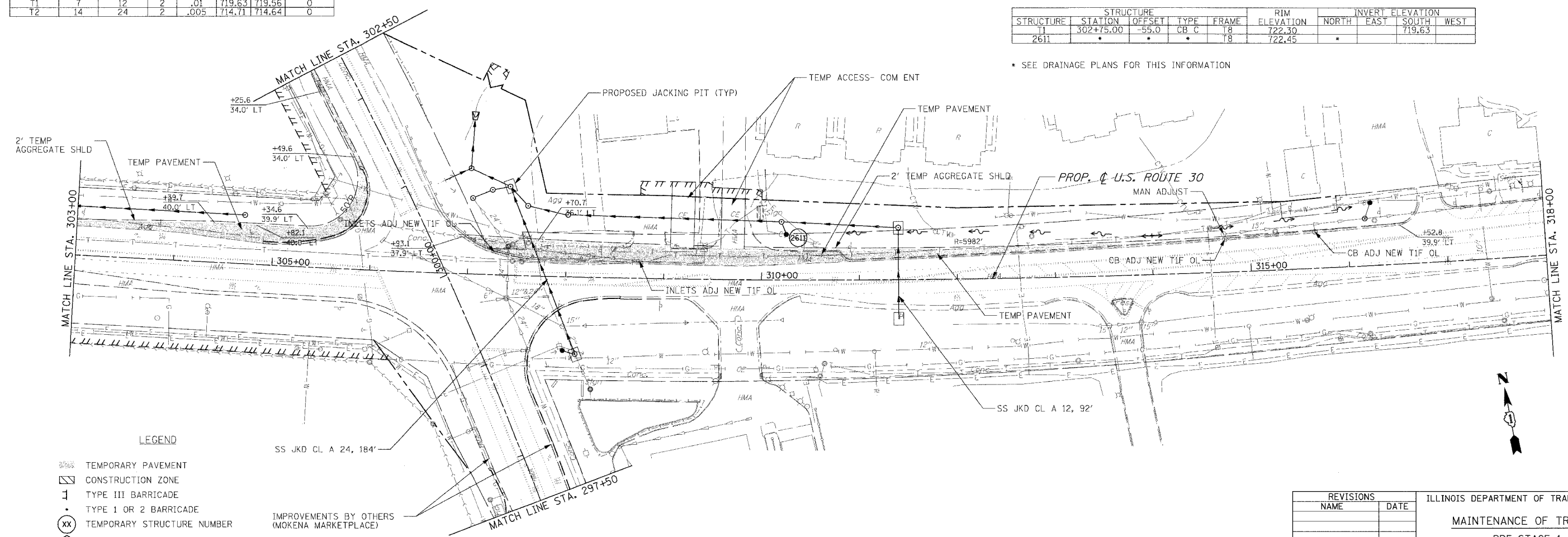
F.A.P. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	36
STA.	TO STA.			
FED. ROAD DIST. NO.	ELLIPSES	FED. AID PROJECT		



PIPE NO.	LENGTH	PIPE DIAMETER	TYPE	SLOPE (FT/FT)	INVERT U.S.	INVERT D.S.	TRENCH BACKFILL
T1	7	12	2	.01	719.63	719.56	0
T2	14	24	2	.005	714.71	714.64	0

STRUCTURE	STATION	OFFSET	TYPE	FRAME	RIM ELEVATION	INVERT ELEVATION			
						NORTH	EAST	SOUTH	WEST
T1	302+75.00	-55.0	CB C	T 8	722.30			719.63	
2611				T 8	722.45				

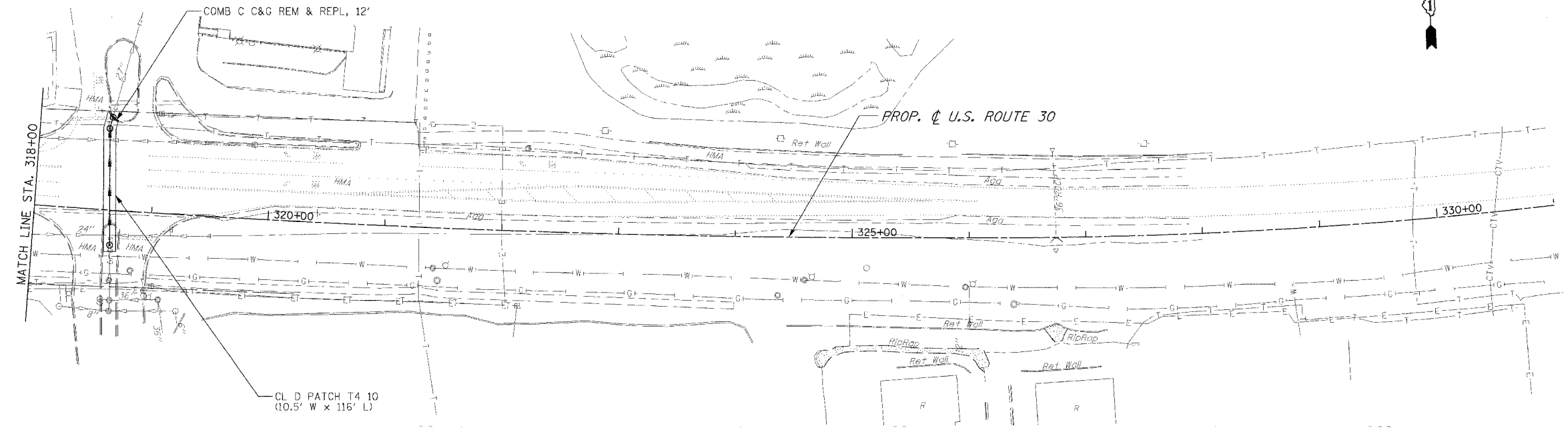
• SEE DRAINAGE PLANS FOR THIS INFORMATION



- LEGEND**
- TEMPORARY PAVEMENT
  - CONSTRUCTION ZONE
  - TYPE III BARRICADE
  - TYPE 1 OR 2 BARRICADE
  - TEMPORARY STRUCTURE NUMBER
  - TEMPORARY PIPE NUMBER
  - IMPROVEMENTS BY OTHERS (MOKENA MARKETPLACE)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>MAINTENANCE OF TRAFFIC</b> PRE-STAGE 1 U.S. RTE. 30 (LINCOLN HIGHWAY) STA. 290+00 TO STA. 318+00 SCALE : 1" = 50' DATE : 03/21/2008 DRAWN BY : BAE CHECKED BY : GB

F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 37
STA. 318+00		TO STA. 331+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



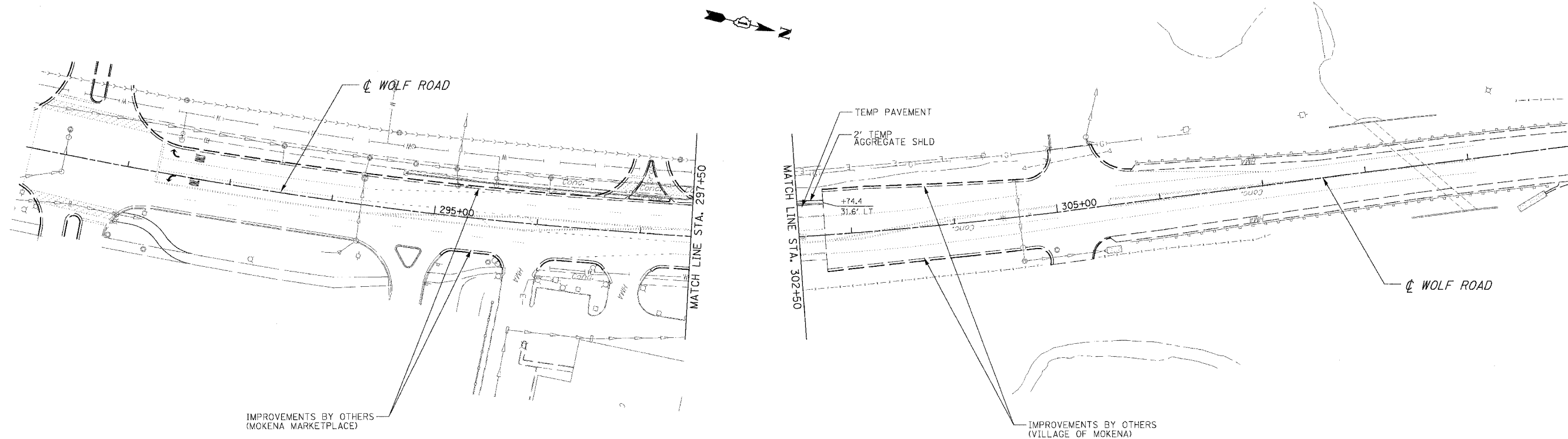
LEGEND

- TEMPORARY PAVEMENT
- CONSTRUCTION ZONE
- TYPE III BARRICADE
- TYPE 1 OR 2 BARRICADE
- TEMPORARY STRUCTURE NUMBER
- TEMPORARY PIPE NUMBER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
 PRE-STAGE 1  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 318+00 TO STA. 331+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



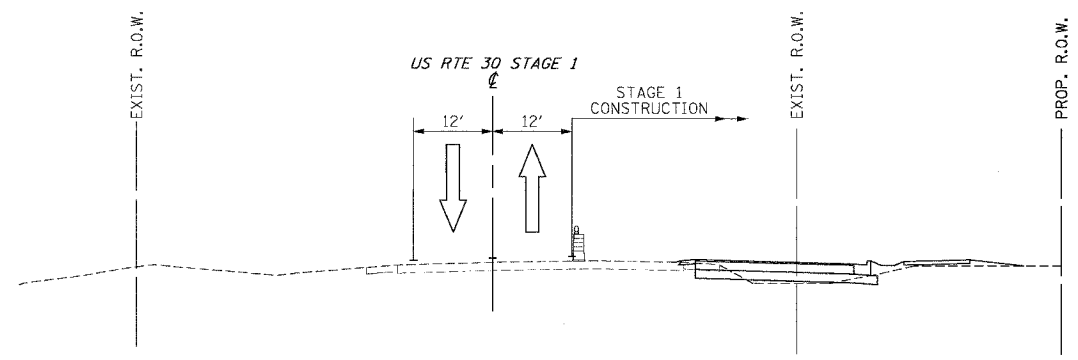
LEGEND

- TEMPORARY PAVEMENT
- CONSTRUCTION ZONE
- TYPE III BARRICADE
- TYPE 1 OR 2 BARRICADE
- TEMPORARY STRUCTURE NUMBER
- TEMPORARY PIPE NUMBER

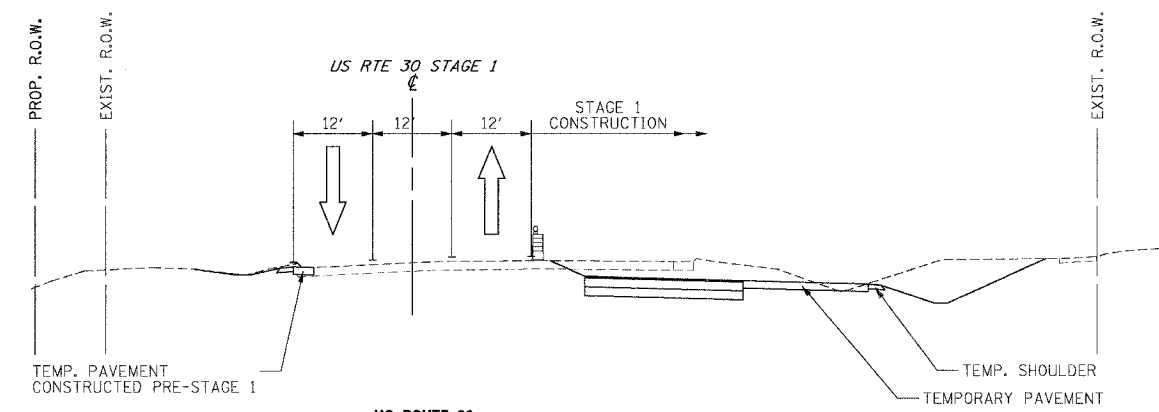
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC PRE-STAGE 1 WOLF ROAD
NAME	DATE	

SCALE : 1" = 50'  
DATE : 03/21/2008  
DRAWN BY : BAE  
CHECKED BY : GB

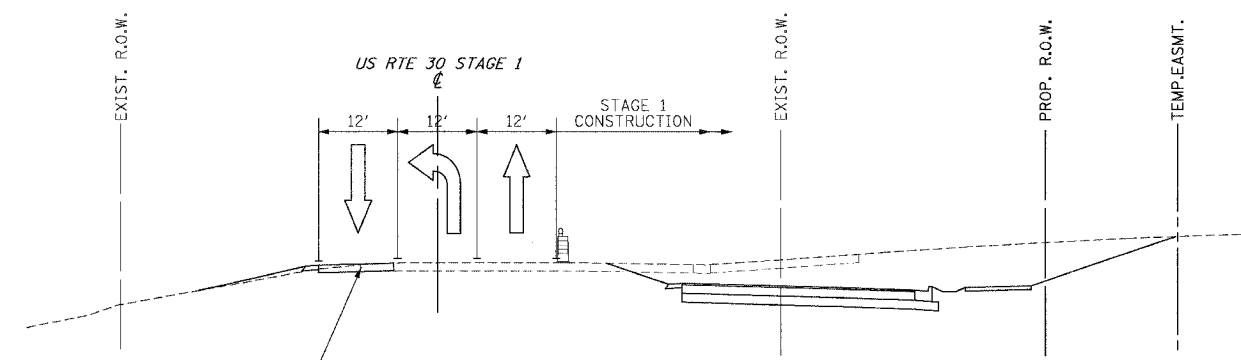
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
353	12R - 4	WILL	199	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



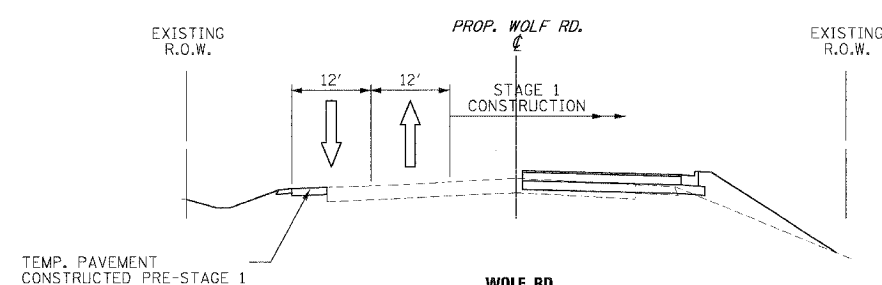
**US ROUTE 30**  
STA. 500+00 TO STA. 519+10.6



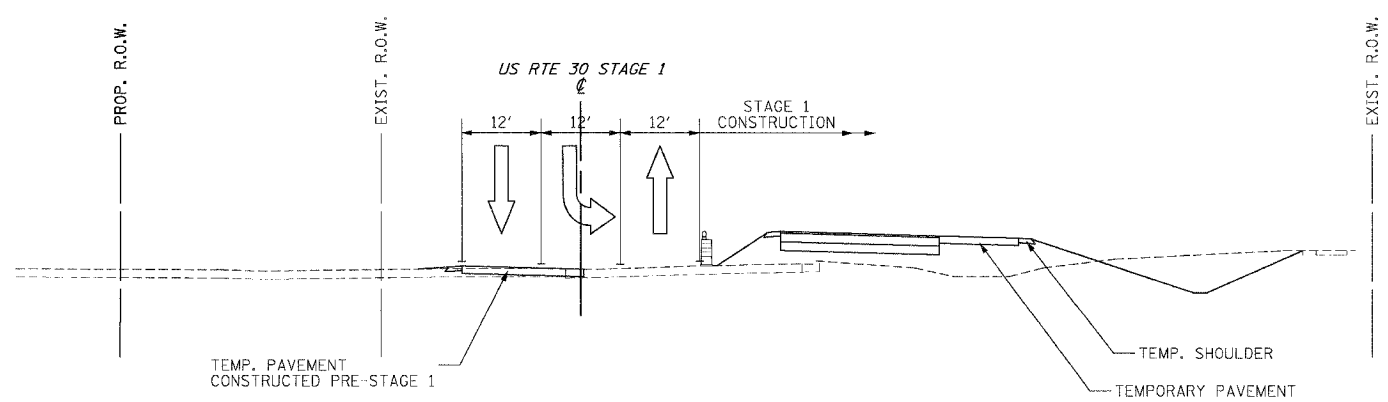
**US ROUTE 30**  
STA. 529+50.0 TO STA. 539+00.0



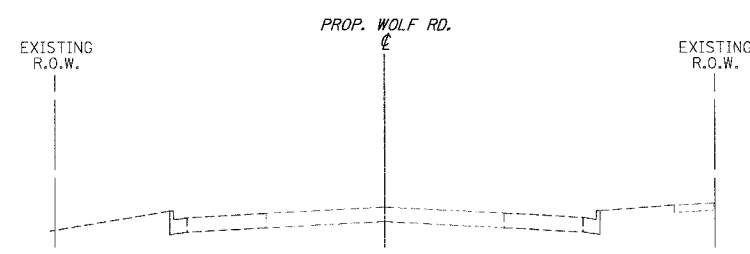
**US ROUTE 30**  
STA. 519+10.6 TO STA. 524+25.0



**WOLF RD.**  
(NORTH OF U.S. ROUTE 30)  
STA. 300+00.0 TO STA. 302+50.0



**US ROUTE 30**  
STA. 524+25.0 TO STA. 529+50.0



**EXISTING TYPICAL SECTION**  
**WOLF RD.**  
(SOUTH OF U.S. ROUTE 30)  
STA. 297+50.0 TO STA. 300+00.0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
STAGE 1  
U.S. RTE. 30 (LINCOLN HIGHWAY)  
SCALE : 1" = 50'  
DATE : 03/21/2008  
DRAWN BY : BEC  
CHECKED BY :



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

# STAGE 1 GENERAL NOTES

## STAGE 1 CONSTRUCTION

U.S. ROUTE 30

CONSTRUCT CURB AND CUTTER ALONG OUTSIDE EASTBOUND LANES OF US ROUTE 30 FROM STA. 510+45.5 TO INTERSECTION WITH WOLF RD.

CONSTRUCT EASTBOUND LANES OF US ROUTE 30 MINUS THE SURFACE COURSE

CONSTRUCT NORTHBOUND LANES OF WOLF RD. MINUS THE SURFACE COURSE.

CONSTRUCT SIDEWALK ALONG THE EASTBOUND LANES OF US ROUTE 30 FROM STA. 515+00 TO THE INTERSECTION WITH WOLF RD.

CONSTRUCT TEMPORARY PAVEMENT AT THE FOLLOWING LOCATIONS:  
 STA. 509+31.6 TO STA. 509+95.5  
 STA. 525+87.0 TO STA. 535+77.5

CONSTRUCT STORM SEWER LATERALS ALONG THE EASTBOUND LANES OF US RTE 30

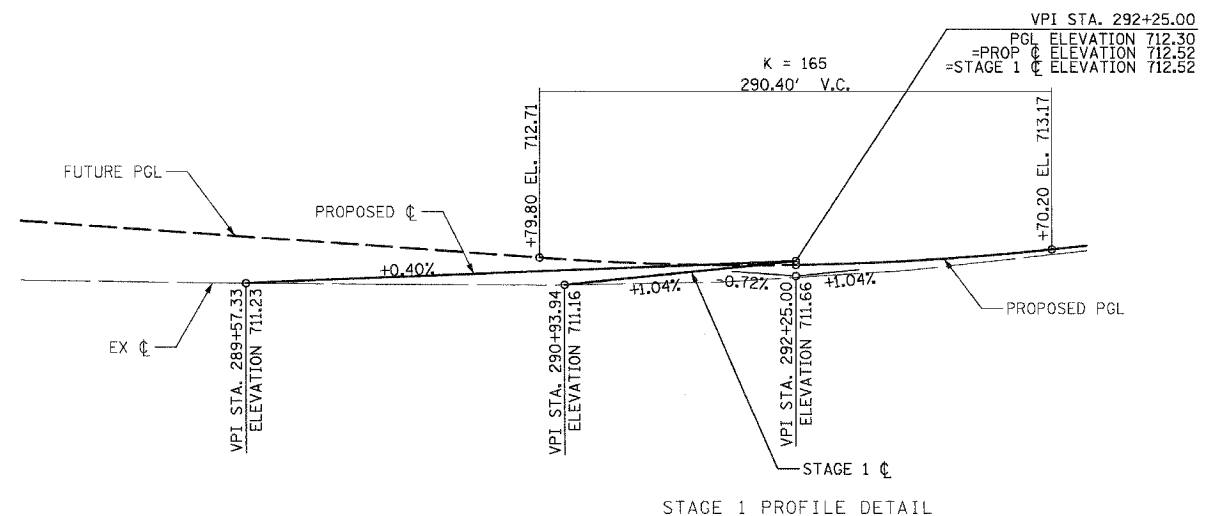
CONSTRUCT FINAL LANDSCAPING ALONG THE OUTSIDE OF EASTBOUND LANES FROM STA. 511+00 TO STA. 524+00.

## STAGE 1 GENERAL NOTES

1. ALL TEMPORARY PAVEMENT MARKINGS PLACED IN STAGE 1 SHALL BE EPOXY UNLESS NOTED OTHERWISE ON THE PLANS.
2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL PUBLIC AND PRIVATE ENTRANCES AND TO ALL SIDEROADS THAT ARE NOT CLOSED.
3. BOTH PROPOSED CENTERLINE AND STAGE 1 CENTERLINE ARE SHOWN. THE MATCH LINES ARE TO THE PROPOSED CENTERLINE. STATIONING AND OFFSETS ARE TO THE STAGE 1 CENTERLINE UNLESS NOTED OTHERWISE.

## STAGE 1 TRAFFIC

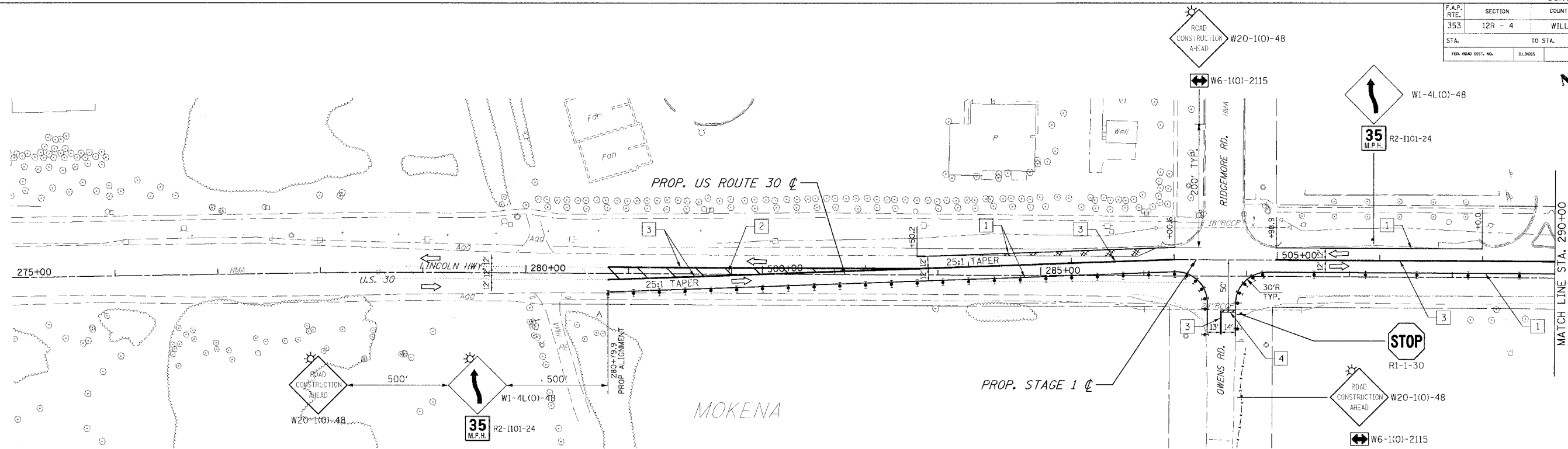
1. US 30 - SHIFT TRAFFIC TO EXISTING PAVEMENT AND TEMPORARY PAVEMENT CONSTRUCTED IN PRE-STAGE 1 AS SHOWN IN THE PLANS AND MAINTAIN ONE LANE IN EACH DIRECTION AT ALL TIMES.
2. WOLF RD. - SHIFT TRAFFIC TO EXISTING PAVEMENT AND TEMPORARY PAVEMENT CONSTRUCTED IN PRE-STAGE 1 AS SHOWN IN THE PLANS AND MAINTAIN ONE LANE IN EACH DIRECTION AT ALL TIMES.



STAGE 1 PROFILE DETAIL

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC STAGE 1 U.S. RTE. 30 (LINCOLN HIGHWAY)
NAME	DATE	
		SCALE : 1" = 50' DATE : 03/21/2008 DRAWN BY : BEC CHECKED BY :

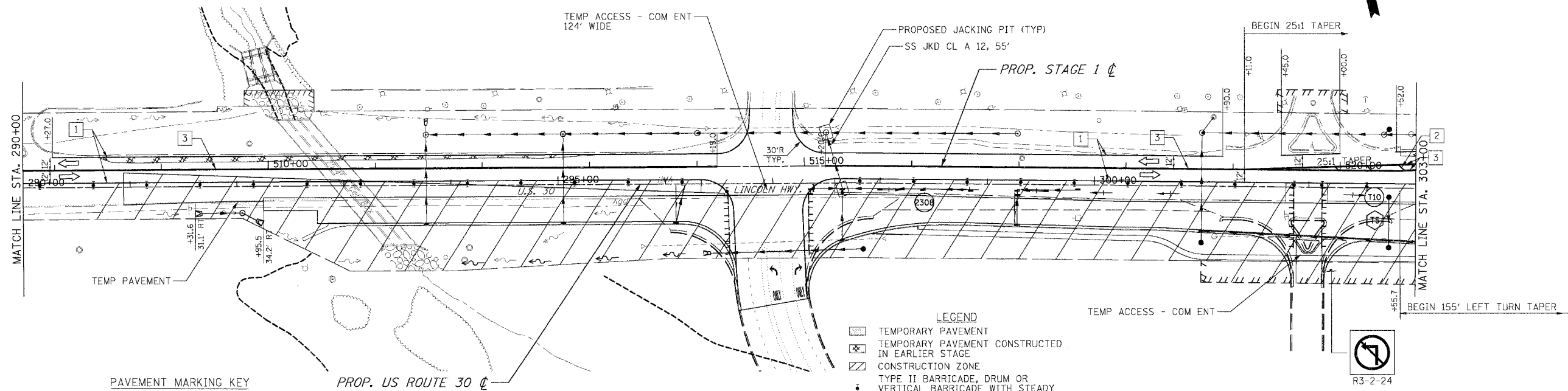
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	41
STA.	TO STA.			
FED. AID DIST. NO.	ELLIPSE	FED. AID PROJECT		



PIPE NO.	LENGTH	DIAMETER	TYPE	SLOPE (FT/FT)	INVERT U.S.	INVERT D.S.	TRENCH BACKFILL
15	36	12	2	.005	717.76	717.58	4.8

STRUCTURE	STATION	OFFSET	TYPE	FRAME	RIM ELEVATION	INVERT ELEVATION			
						NORTH	EAST	SOUTH	WEST
110	302+75.00	8.52	CB C	18	721.39	*		717.76	*
2308	*	*	*	18	716.48	*		*	*

\* SEE DRAINAGE PLANS FOR THIS INFORMATION



PAVEMENT MARKING KEY

- 1 4" SOLID - WHITE
- 2 12" SOLID - YELLOW @ 20' C-C (5 MIN.)
- 3 4" SOLID - YELLOW @ 11" C-C
- 4 24" STOP BAR - WHITE
- 5 12" SOLID - WHITE
- 6 6" SOLID - WHITE
- 7 6"- 6' SKIP/2' DASH - WHITE

LEGEND

- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN EARLIER STAGE
- CONSTRUCTION ZONE
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- 50' C-C ON TANGENT
- 25' C-C ON TAPER
- 10' C-C ON CURVES
- DIRECTION OF TRAFFIC FLOW SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- XX TEMPORARY STRUCTURE NUMBER
- XX TEMPORARY PIPE NUMBER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

STAGE 1

U.S. RTE. 30 (LINCOLN HIGHWAY)

STA. 260+00 TO STA. 303+00

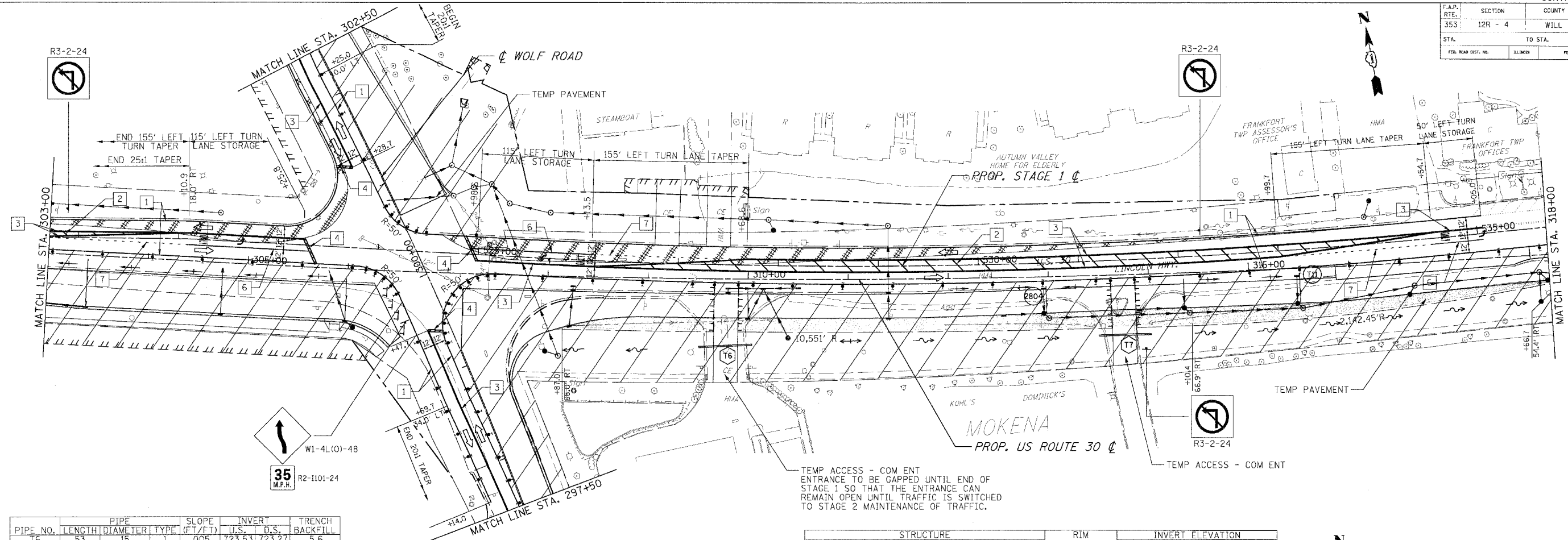
SCALE : 1" = 50'

DATE : 03/21/2008

DRAWN BY : BAE

CHECKED BY : GB

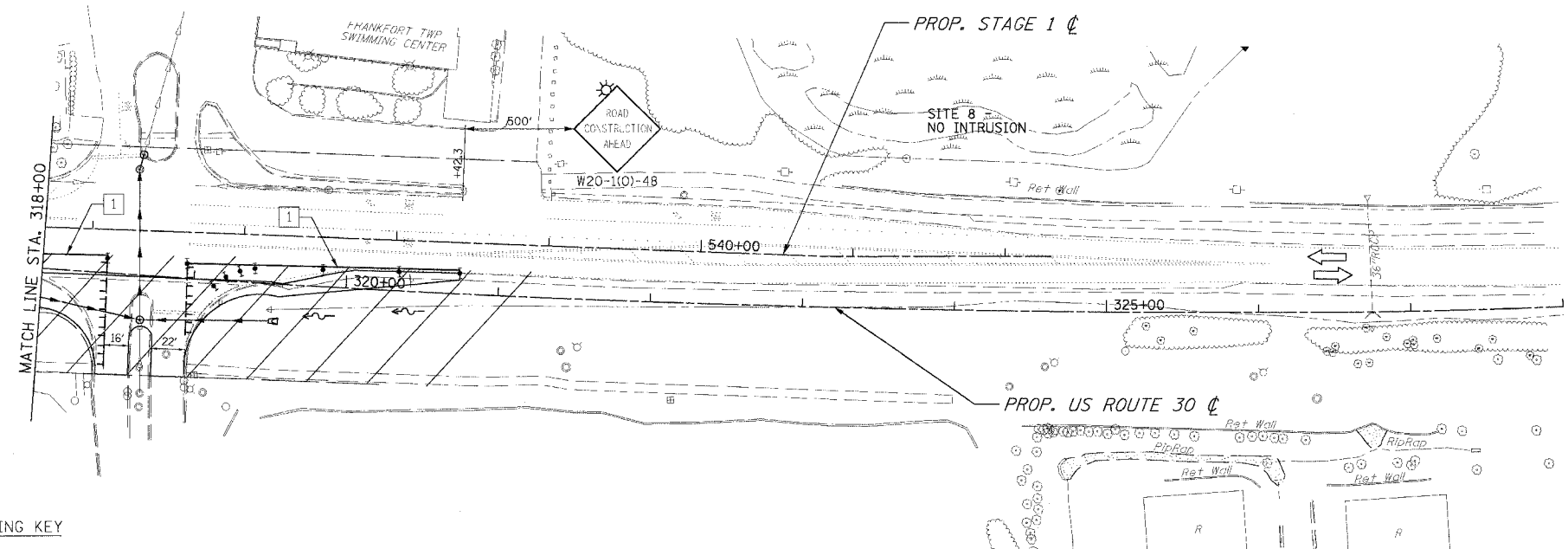
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINES	FED. AID PROJECT	



PIPE NO.	LENGTH	PIPE DIAMETER	TYPE	SLOPE (FT/FT)	INVERT U.S.	INVERT D.S.	TRENCH BACKFILL
T6	53	15	1	.005	723.53	723.27	5.6
T7	52	15	1	.008	721.70	721.29	5.4

STRUCTURE	STATION	OFFSET	TYPE	FRAME	RIM ELEVATION	INVERT ELEVATION			
						NORTH	EAST	SOUTH	WEST
T11	315+48	7.5	CB C	T8	722.17			718.47	
2804	*	*	*	T8	724.63			*	*

\* SEE DRAINAGE PLANS FOR THIS INFORMATION

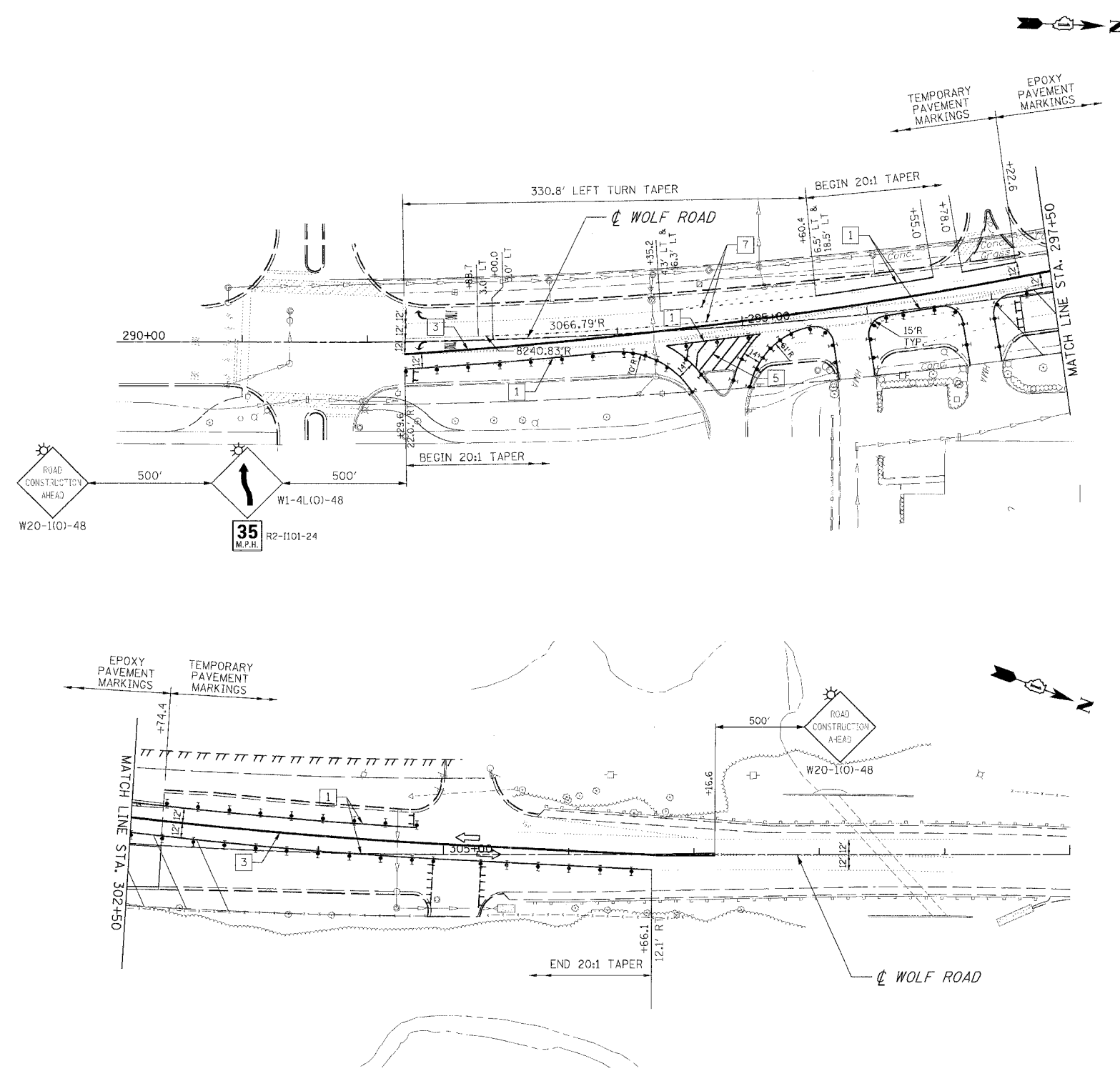


- PAVEMENT MARKING KEY
- 1 4" SOLID - WHITE
  - 2 12" SOLID - YELLOW @ 20' C-C (5 MIN.)
  - 3 4" SOLID - YELLOW @ 11" C-C
  - 4 24" STOP BAR - WHITE
  - 5 12" SOLID - WHITE
  - 6 6" SOLID - WHITE
  - 7 6"- 6' SKIP/2' DASH - WHITE

- LEGEND
- TEMPORARY PAVEMENT
  - TEMPORARY PAVEMENT CONSTRUCTED IN EARLIER STAGE
  - CONSTRUCTION ZONE
  - TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - 50' C-C ON TANGENT
  - 25' C-C ON TAPER
  - 10' C-C ON CURVES
  - DIRECTION OF TRAFFIC FLOW
  - SIGN
  - TYPE III BARRICADE WITH FLASHING LIGHTS
  - TEMPORARY STRUCTURE NUMBER
  - TEMPORARY PIPE NUMBER

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>MAINTENANCE OF TRAFFIC</b> STAGE 1 U.S. RTE. 30 (LINCOLN HIGHWAY) STA. 303+00 TO STA. 331+00 SCALE : 1" = 50' DATE : 03/21/2008 DRAWN BY : BAE CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	43
STA.	TO STA.			
FED. ROAD EST. NO.	BILLING	FED. AID PROJECT		



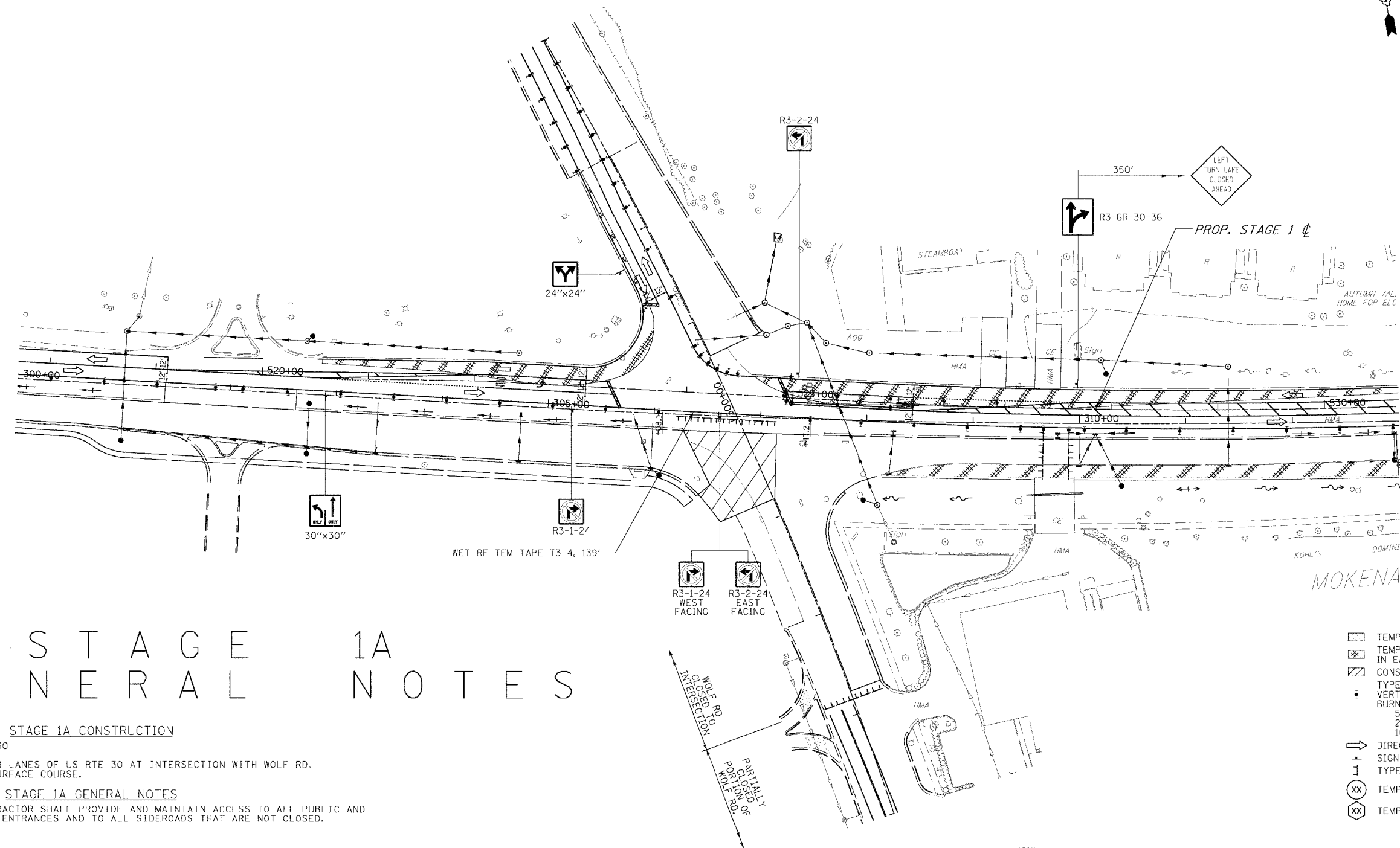
- PAVEMENT MARKING KEY**
- 1 4" SOLID - WHITE
  - 2 12" SOLID - YELLOW @ 20' C-C (5 MIN.)
  - 3 4" SOLID - YELLOW @ 11" C-C
  - 4 24" STOP BAR - WHITE
  - 5 12" SOLID - WHITE
  - 6 6" SOLID - WHITE
  - 7 6"- 6' SKIP/2' DASH - WHITE

- LEGEND**
- [ ] TEMPORARY PAVEMENT
  - [X] TEMPORARY PAVEMENT CONSTRUCTED IN EARLIER STAGE
  - [Z] CONSTRUCTION ZONE
  - [B] TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - [C] 50' C-C ON TANGENT
  - [D] 25' C-C ON TAPER
  - [E] 10' C-C ON CURVES
  - [>] DIRECTION OF TRAFFIC FLOW
  - [S] SIGN
  - [T] TYPE III BARRICADE WITH FLASHING LIGHTS
  - (XX) TEMPORARY STRUCTURE NUMBER
  - (XX) TEMPORARY PIPE NUMBER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
 STAGE 1  
 WOLF ROAD  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	44
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



# STAGE 1A GENERAL NOTES

## STAGE 1A CONSTRUCTION

U.S. ROUTE 30  
CONSTRUCT EB LANES OF US RTE 30 AT INTERSECTION WITH WOLF RD.  
MINUS THE SURFACE COURSE.

## STAGE 1A GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL PUBLIC AND PRIVATE ENTRANCES AND TO ALL SIDEROADS THAT ARE NOT CLOSED.

## STAGE 1A TRAFFIC

US ROUTE 30  
MAINTAIN STAGE 1 TRAFFIC ON US ROUTE 30.

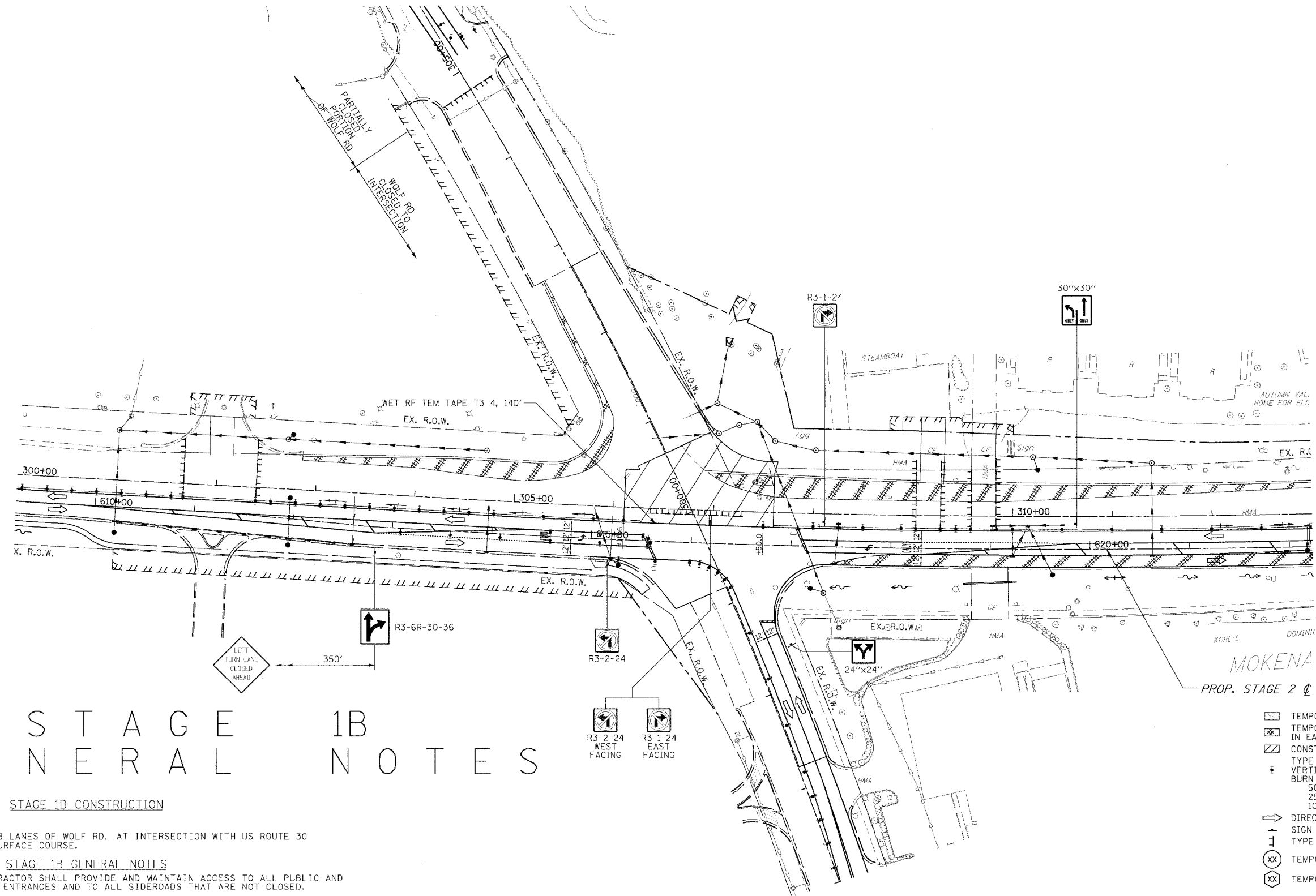
WOLF RD  
DETOUR WOLF RD PER STAGE 1A DETOUR PLAN. DETOUR LIMITED TO A TOTAL OF 7 CALANDER DAYS.

- ### LEGEND
- TEMPORARY PAVEMENT
  - TEMPORARY PAVEMENT CONSTRUCTED IN EARLIER STAGE
  - CONSTRUCTION ZONE
  - TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTION OF TRAFFIC FLOW SIGN
  - TYPE III BARRICADE WITH FLASHING LIGHTS
  - TEMPORARY STRUCTURE NUMBER
  - TEMPORARY PIPE NUMBER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
STAGE 1A  
U.S. RTE. 30 (LINCOLN HIGHWAY)  
STA. 300+00 TO STA. 313+00  
SCALE : 1" = 50'  
DATE : 03/21/2008  
DRAWN BY : BAE  
CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	45
STA.		TO STA.		
FED. ROAD DIST. NO.		SLANGES	FED. AID PROJECT	



# STAGE 1B GENERAL NOTES

## STAGE 1B CONSTRUCTION

WOLF RD.  
CONSTRUCT NB LANES OF WOLF RD. AT INTERSECTION WITH US ROUTE 30 MINUS THE SURFACE COURSE.

## STAGE 1B GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL PUBLIC AND PRIVATE ENTRANCES AND TO ALL SIDEROADS THAT ARE NOT CLOSED.

## STAGE 1B TRAFFIC

US ROUTE 30  
SHIFT TRAFFIC TO STAGE 2 TRAFFIC ON US ROUTE 30. CLOSE EASTBOUND US ROUTE 30 LEFT TURN LANE TO WOLF RD.

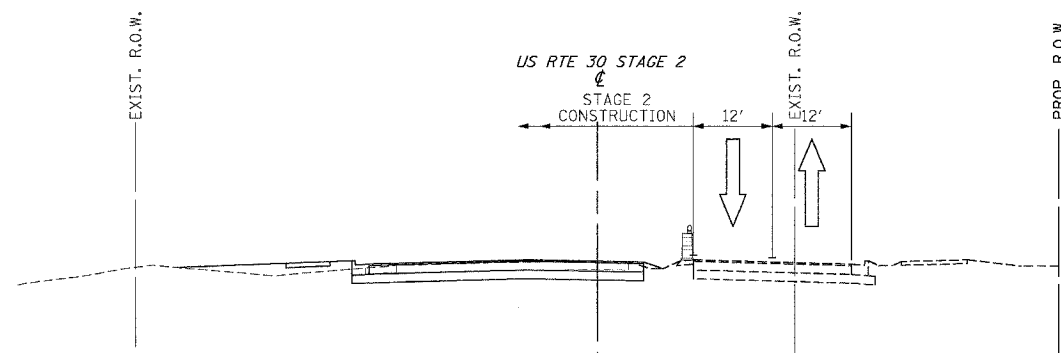
WOLF RD  
CLOSE WOLF RD NORTH OF US RTE 30 PER STAGE 1B DETOUR PLAN. DETOUR LIMITED TO A TOTAL OF 7 CALANDER DAYS.

- ### LEGEND
- TEMPORARY PAVEMENT
  - TEMPORARY PAVEMENT CONSTRUCTED IN EARLIER STAGE
  - CONSTRUCTION ZONE
  - TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - 50' C-C ON TANGENT
  - 25' C-C ON TAPER
  - 10' C-C ON CURVES
  - DIRECTION OF TRAFFIC FLOW
  - SIGN
  - TYPE III BARRICADE WITH FLASHING LIGHTS
  - TEMPORARY STRUCTURE NUMBER
  - TEMPORARY PIPE NUMBER

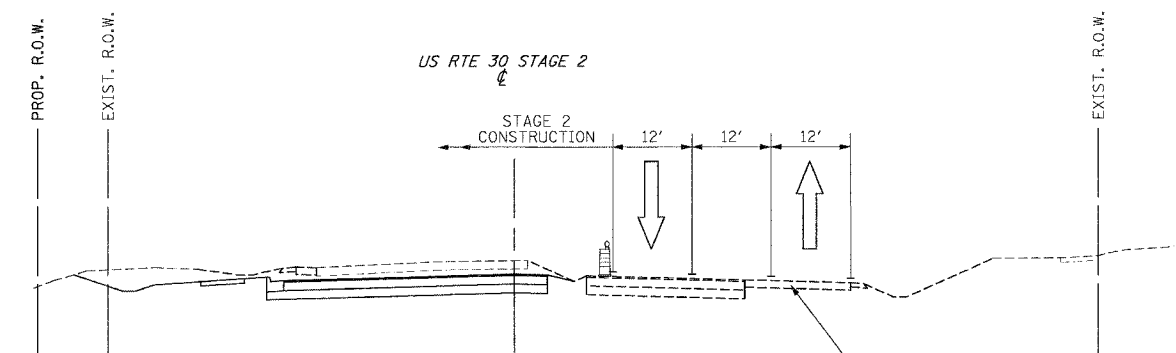
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
STAGE 1B  
U.S. RTE. 30 (LINCOLN HIGHWAY)  
STA. 300+00 TO STA. 313+00  
SCALE : 1" = 50'  
DATE : 03/21/2008  
DRAWN BY : BAE  
CHECKED BY : GB

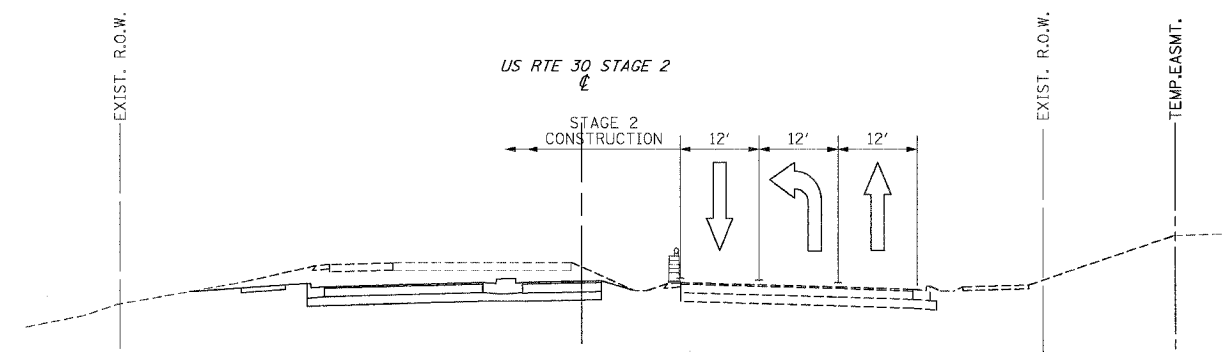
F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



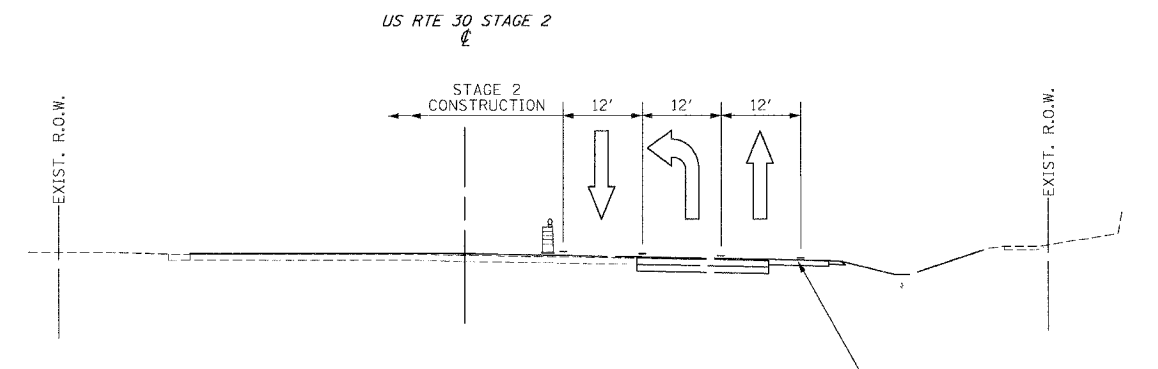
**US ROUTE 30**  
STA. 600+00 TO STA. 609+82.5



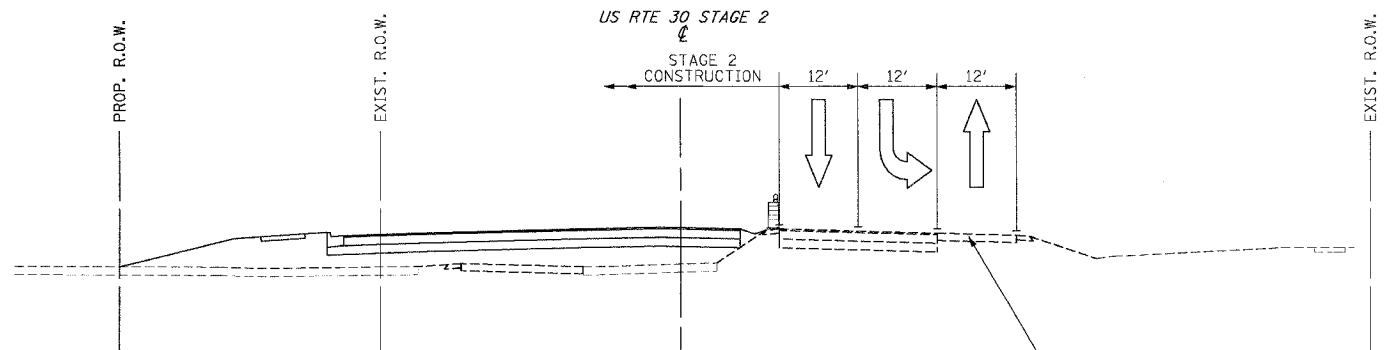
**US ROUTE 30**  
STA. 619+86.1 TO STA. 624+22.8



**US ROUTE 30**  
STA. 609+82.5 TO STA. 616+10.0



**US ROUTE 30**  
STA. 624+72.8 TO STA. 628+00.0



**US ROUTE 30**  
STA. 616+10 TO STA. 619+86.1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
STAGE 2  
U.S. RTE. 30 (LINCOLN HIGHWAY)

SCALE : 1" = 50'  
DATE : 03/21/2008  
DRAWN BY : BEC  
CHECKED BY :

F.A.P. BTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	47
STA.		TO STA.		
FED. ROAD DIST. NO.	PLANETS	FED. AID PROJECT		

# S T A G E 2                      G E N E R A L                      N O T E S

STAGE 2 CONSTRUCTION

U.S. ROUTE 30  
 CONSTRUCT CURB AND GUTTER ALONG WESTBOUND US ROUTE 30.  
 CONSTRUCT WESTBOUND LANES OF US RTE 30 MINUS THE SURFACE COURSE  
 CONSTRUCT BIKE PATH ALONG OUTSIDE OF WESTBOUND LANES OF US ROUTE 30.  
 WOLF RD  
 CONSTRUCT SOUTHBOUND LANES OF WOLF RD MINUS THE SURFACE COURSE.  
  
 CONSTRUCT STORM SEWER LATERALS ALONG THE WESTBOUND LANES OF US RTE 30.  
 COMPLETE FINAL GRADING AND LANDSCAPING ALONG THE OUTSIDE OF WESTBOUND US RTE 30 AND ALONG THE OUTSIDE OF SOUTHBOUND WOLF RD.

STAGE 2 GENERAL NOTES

1. ALL TEMPORARY PAVEMENT MARKINGS PLACED IN STAGE 2 SHALL BE EPOXY UNLESS NOTED OTHERWISE ON THE PLANS.
2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL PUBLIC AND PRIVATE ENTRANCES AND TO ALL SIDEROADS THAT ARE NOT CLOSED.
3. BOTH PROPOSED CENTERLINE AND STAGE 2 CENTERLINE ARE SHOWN. THE MATCH LINES ARE TO THE PROPOSED CENTERLINE. STATIONING AND OFFSETS ARE TO THE STAGE 2 CENTERLINE UNLESS NOTED OTHERWISE.

STAGE 2 TRAFFIC

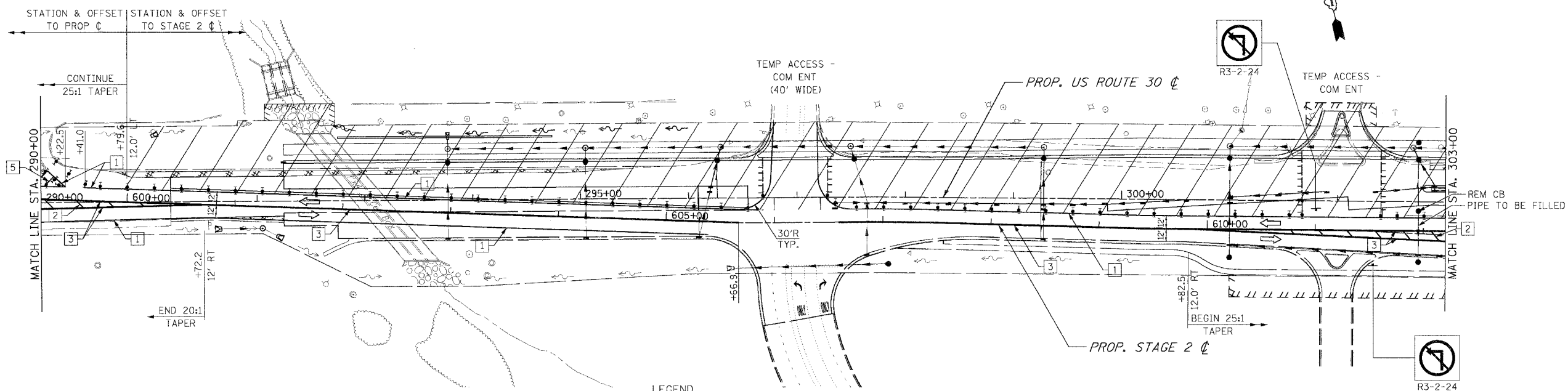
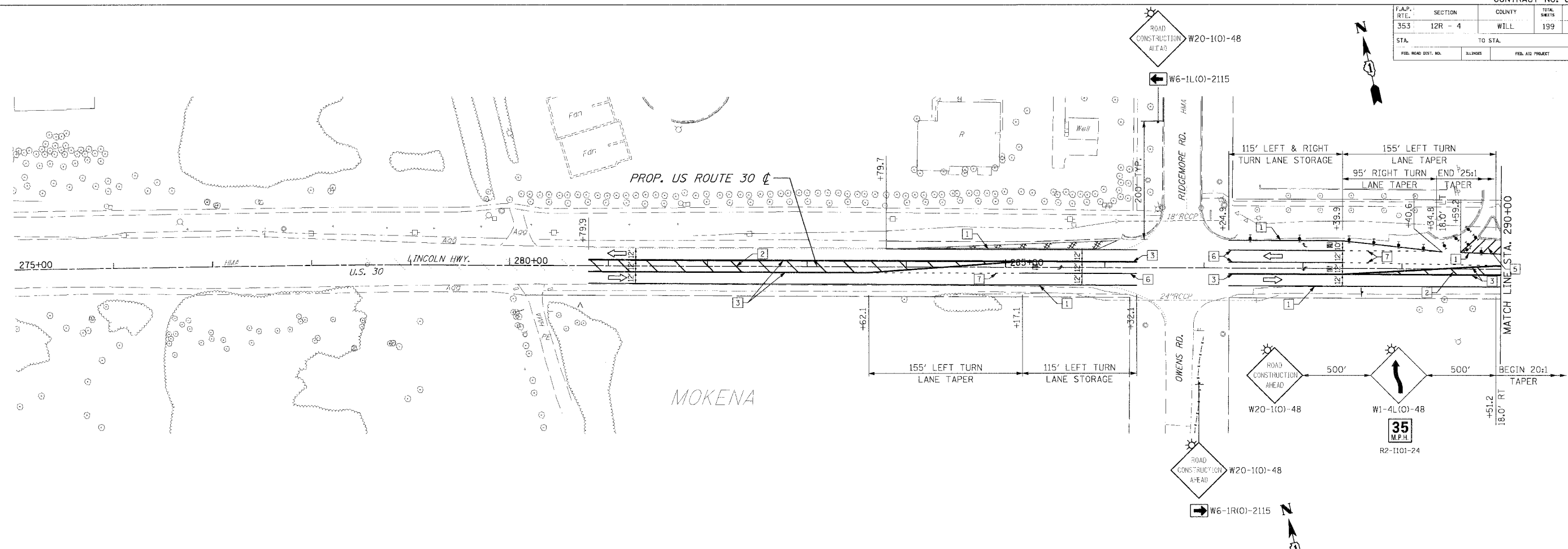
1. US 30 - SHIFT TRAFFIC TO EXISTING PAVEMENT AND TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1 AS SHOWN IN THE PLANS AND MAINTAIN ONE LANE IN EACH DIRECTION AT ALL TIMES.
2. WOLF RD - SHIFT TRAFFIC TO EXISTING PAVEMENT CONSTRUCTED IN STAGE 1 AND MAINTAIN ONE LANE IN EACH DIRECTION AT ALL TIMES.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION  MAINTENANCE OF TRAFFIC  STAGE 2 U.S. RTE. 30 (LINCOLN HIGHWAY)
NAME	DATE	
		SCALE : 1" = 50' DATE : 03/21/2008      DRAWN BY : BEC CHECKED BY :

**DLZ**



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	48
STA.	TO STA.			
FED. ROAD DIST. NO.	LENGTH	FED. AID PROJECT		



**PAVEMENT MARKING KEY**

1	4" SOLID - WHITE
2	12" SOLID - YELLOW @ 20' C-C (5 MIN.)
3	4" SOLID - YELLOW @ 11" C-C
4	24" STOP BAR - WHITE
5	12" SOLID - WHITE
6	6" SOLID - WHITE
7	4" SOLID - WHITE (2' DASH - 6' SKIP)

**LEGEND**

[Symbol]	TEMPORARY PAVEMENT
[Symbol]	TEMPORARY PAVEMENT CONSTRUCTED IN PRE-STAGE1
[Symbol]	TEMPORARY PAVEMENT CONSTRUCTED IN STAGE1
[Symbol]	CONSTRUCTION ZONE
[Symbol]	TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
[Symbol]	50' C-C ON TANGENT
[Symbol]	25' C-C ON TAPER
[Symbol]	10' C-C ON CURVES

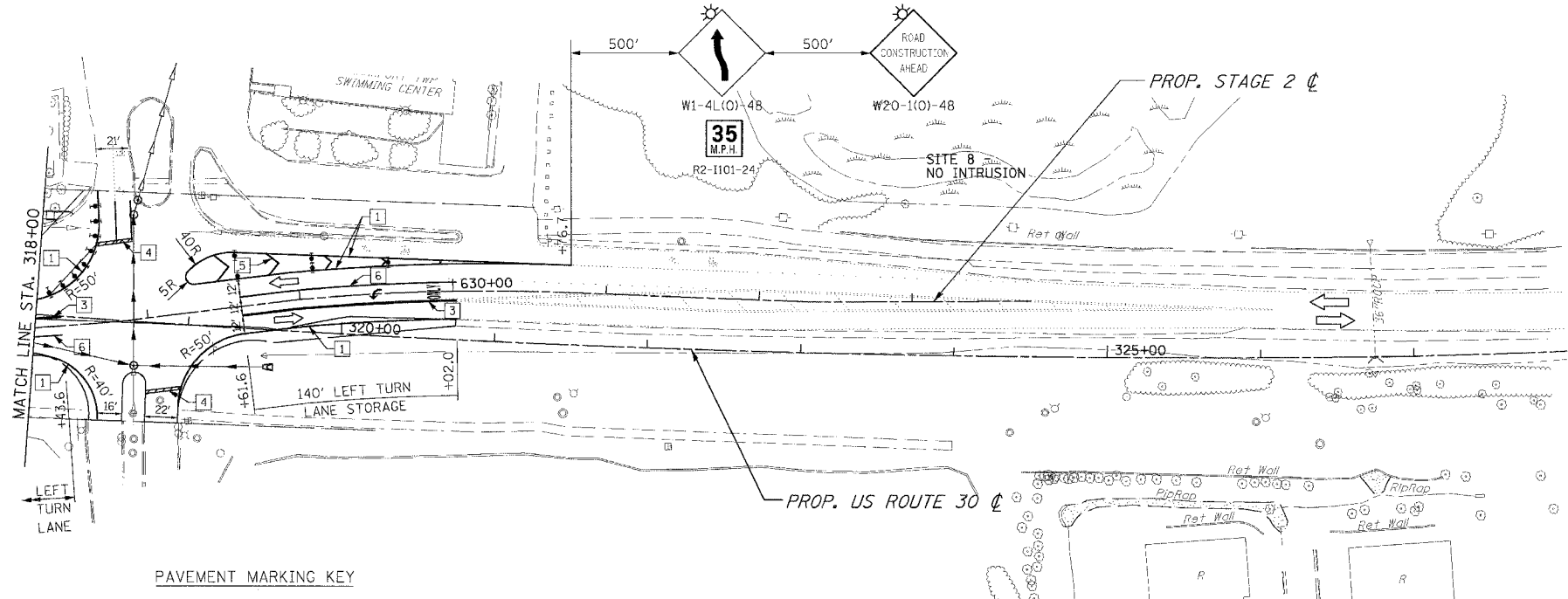
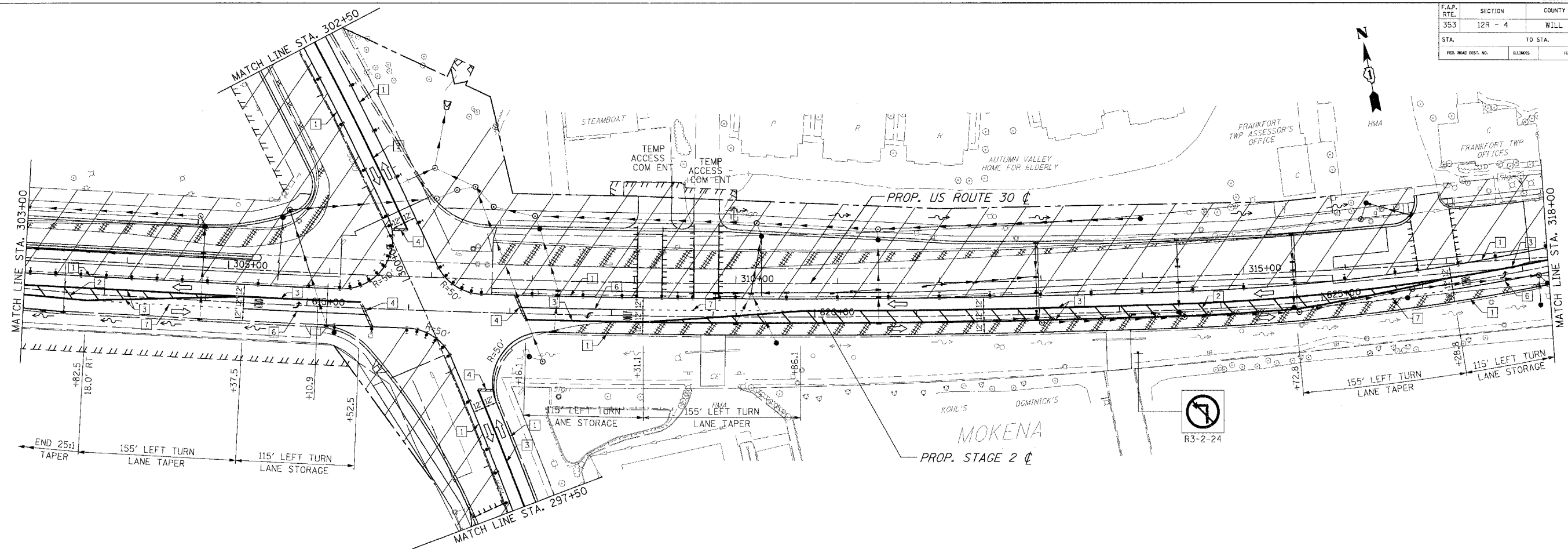
[Symbol]	DIRECTION OF TRAFFIC FLOW SIGN
[Symbol]	TYPE III BARRICADE WITH FLASHING LIGHTS
[Symbol]	TEMPORARY STRUCTURE NUMBER
[Symbol]	TEMPORARY PIPE NUMBER

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
**STAGE 2**  
**U.S. RTE. 30 (LINCOLN HIGHWAY)**  
 STA. 275+00 TO STA. 303+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	49
STA.	TO STA.			
FED. ROAD DIST. NO.	ELLINGS	FED. AID PROJECT		



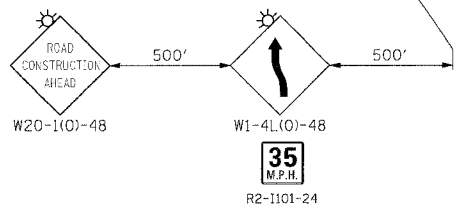
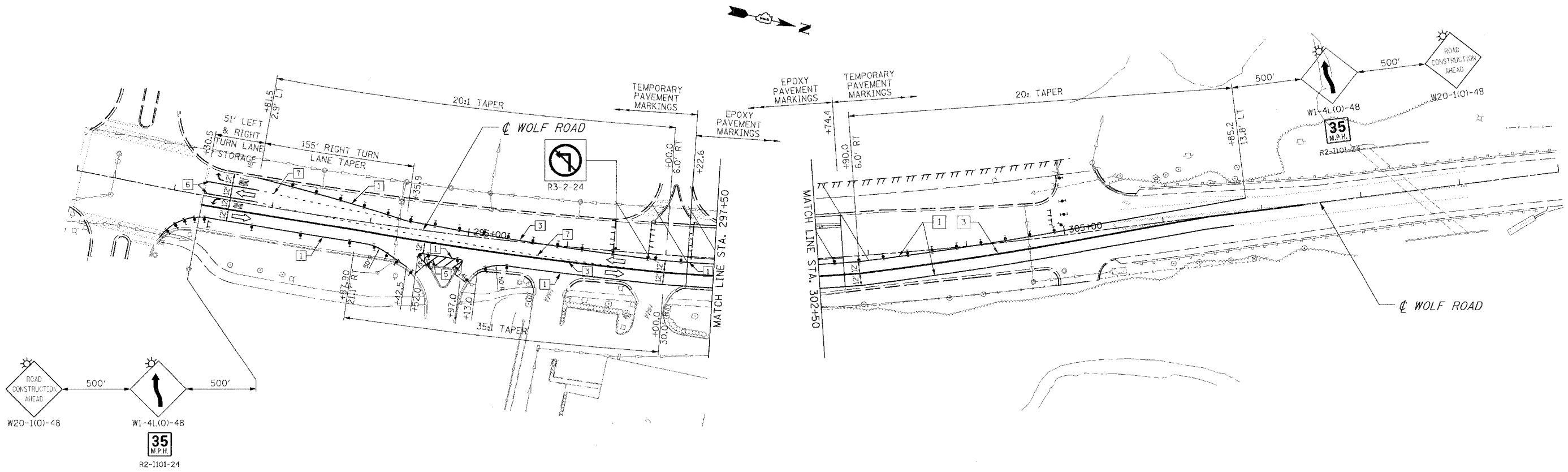
- LEGEND**
- [ ] TEMPORARY PAVEMENT
  - [ ] TEMPORARY PAVEMENT CONSTRUCTED IN PRE-STAGE1
  - [ ] TEMPORARY PAVEMENT CONSTRUCTED IN STAGE1
  - [ ] CONSTRUCTION ZONE
  - [ ] TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - [ ] 50' C-C ON TANGENT
  - [ ] 25' C-C ON TAPER
  - [ ] 10' C-C ON CURVES
  - [ ] DIRECTION OF TRAFFIC FLOW
  - [ ] SIGN
  - [ ] TYPE III BARRICADE WITH FLASHING LIGHTS
  - [XX] TEMPORARY STRUCTURE NUMBER
  - [XX] TEMPORARY PIPE NUMBER

- PAVEMENT MARKING KEY**
- 1 4" SOLID - WHITE
  - 2 12" SOLID - YELLOW @ 20' C-C (5 MIN.)
  - 3 4" SOLID - YELLOW @ 11" C-C
  - 4 24" STOP BAR - WHITE
  - 5 12" SOLID - WHITE
  - 6 6" SOLID - WHITE
  - 7 4" SOLID - WHITE (2' DASH - 6' SKIP)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
**STAGE 2**  
**U.S. RTE. 30 (LINCOLN HIGHWAY)**  
 STA. 303+00 TO STA. 331+00  
 SCALE : 1" = 50' DRAWN BY : BAE  
 DATE : 03/21/2008 CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



**LEGEND**

- [ ] TEMPORARY PAVEMENT
- [ ] TEMPORARY PAVEMENT CONSTRUCTED IN PRE-STAGE1
- [ ] TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1
- [ ] CONSTRUCTION ZONE
- [ ] TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - 50' C-C ON TANGENT
  - 25' C-C ON TAPER
  - 10' C-C ON CURVES
- [ ] DIRECTION OF TRAFFIC FLOW
- [ ] SIGN
- [ ] TYPE III BARRICADE WITH FLASHING LIGHTS
- (XX) TEMPORARY STRUCTURE NUMBER
- (XX) TEMPORARY PIPE NUMBER

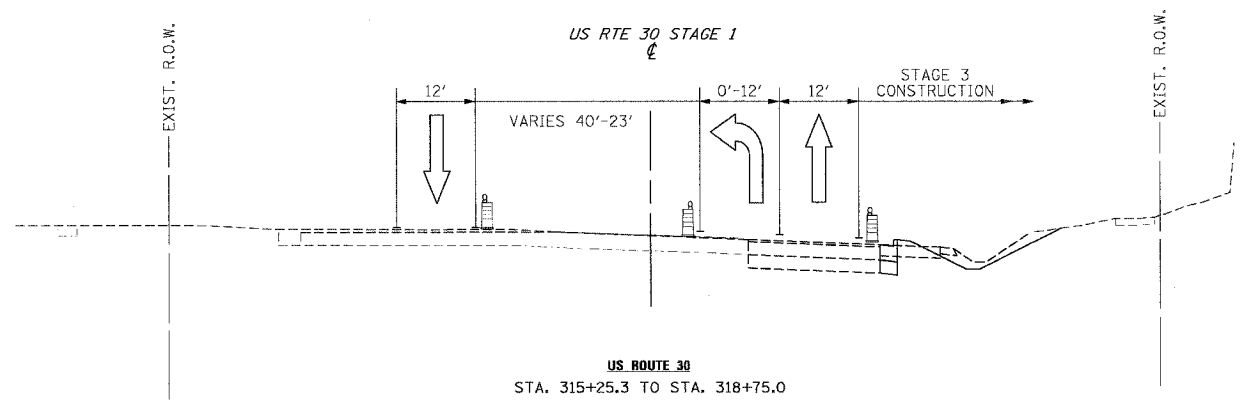
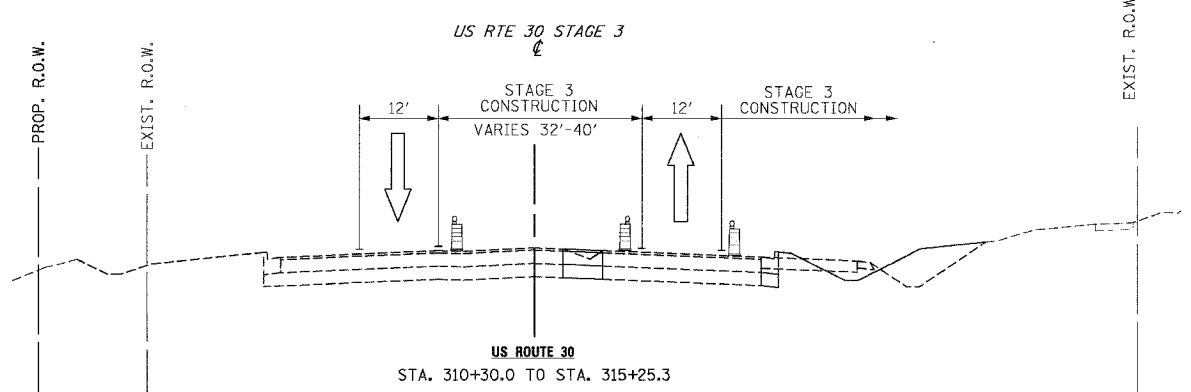
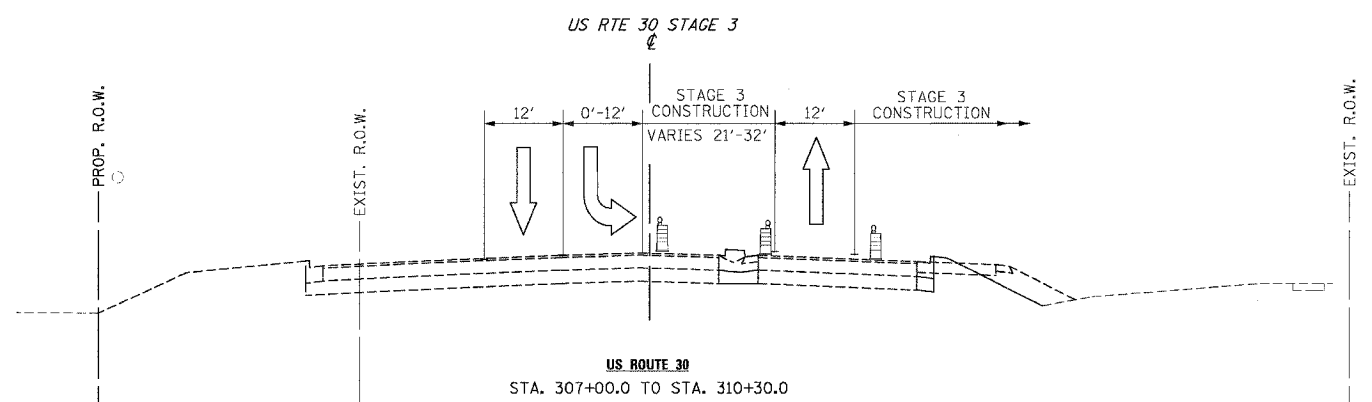
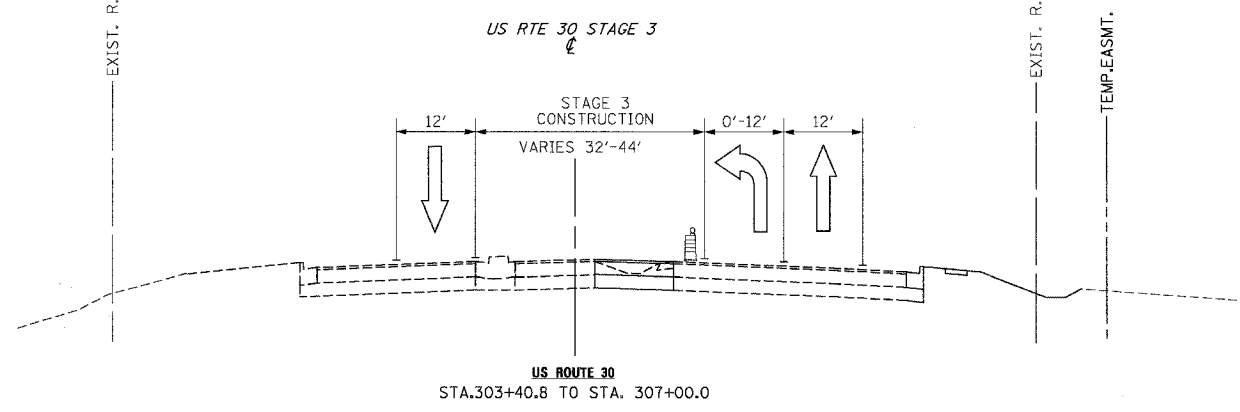
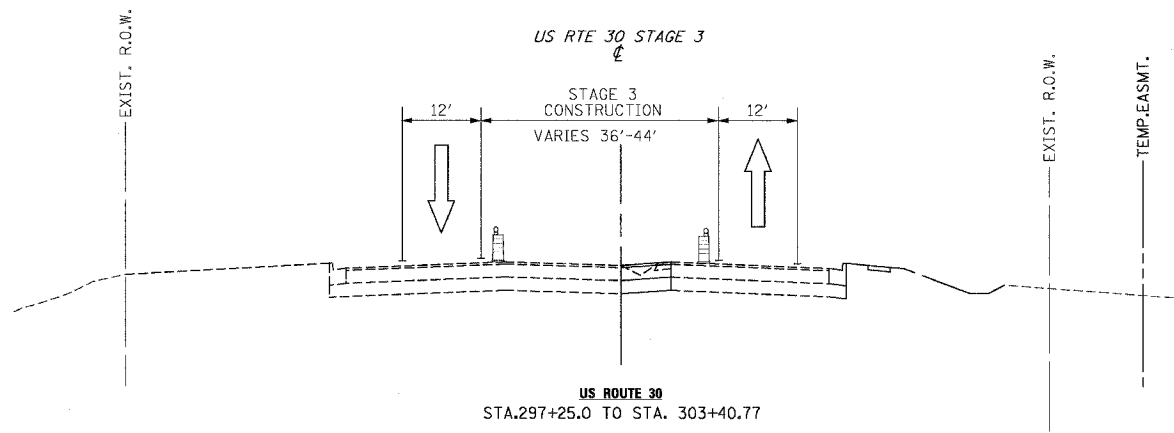
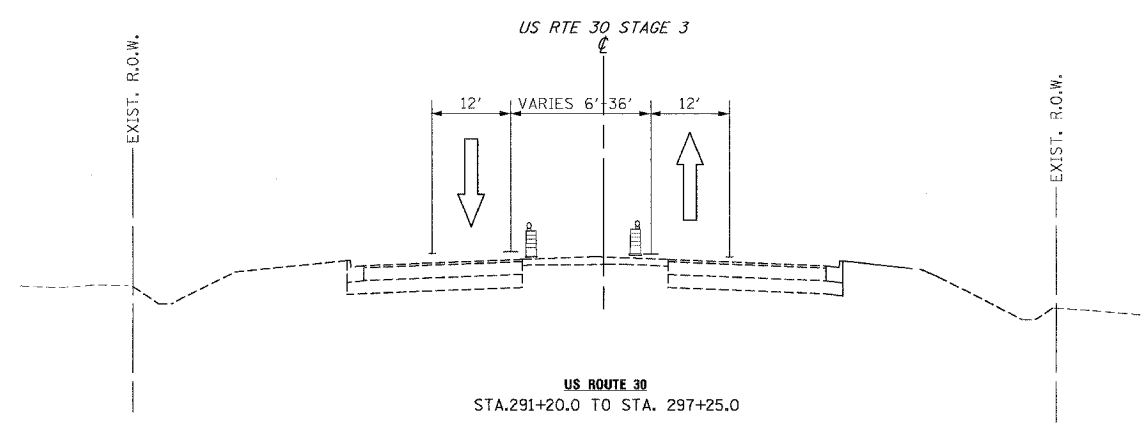
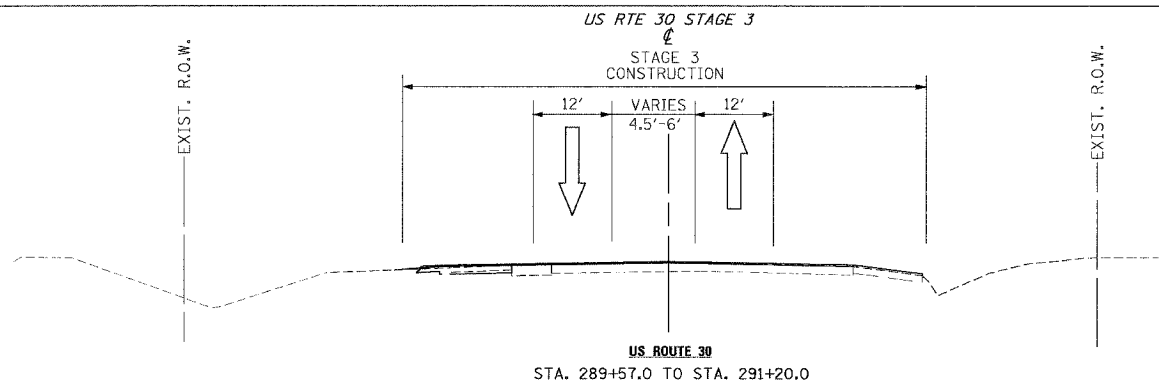
**PAVEMENT MARKING KEY**

- [1] 4" SOLID - WHITE
- [2] 12" SOLID - YELLOW @ 20' C-C (5 MIN.)
- [3] 4" SOLID - YELLOW @ 11" C-C
- [4] 24" STOP BAR - WHITE
- [5] 12" SOLID - WHITE
- [6] 6" SOLID - WHITE
- [7] 4" SOLID - WHITE (2' DASH - 6' SKIP)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC STAGE 2 WOLF ROAD
NAME	DATE	

SCALE : 1" = 50'  
DATE : 03/21/2008  
DRAWN BY : BAE  
CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



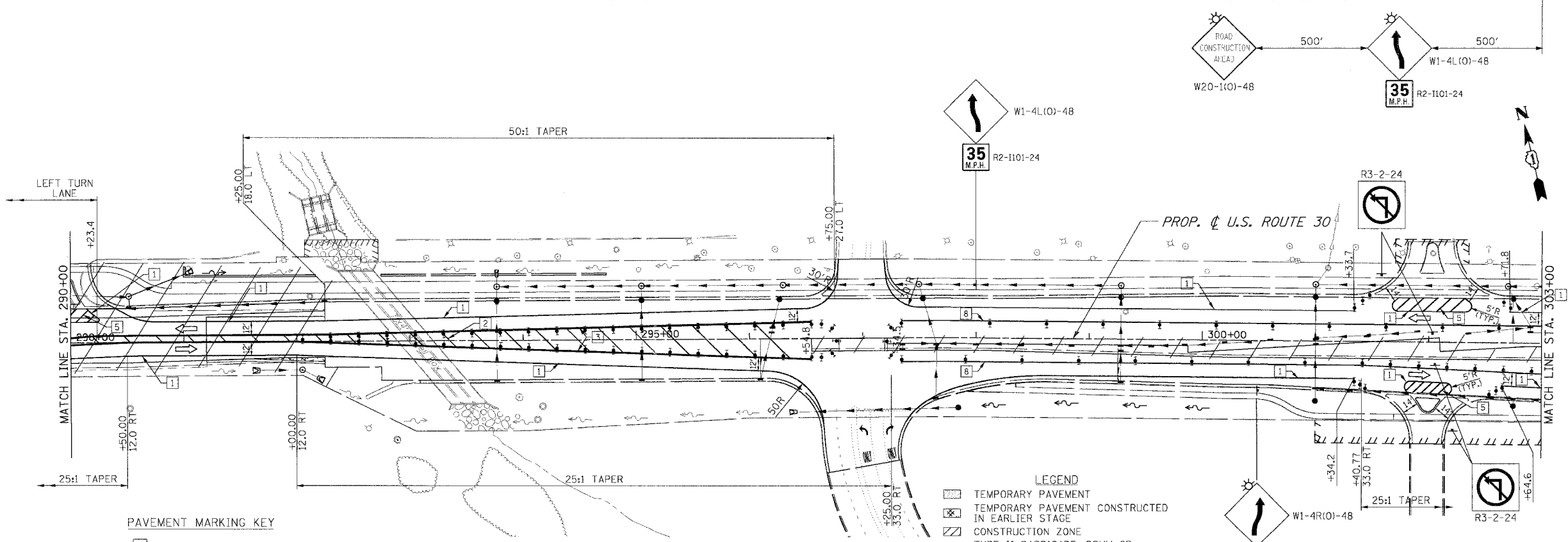
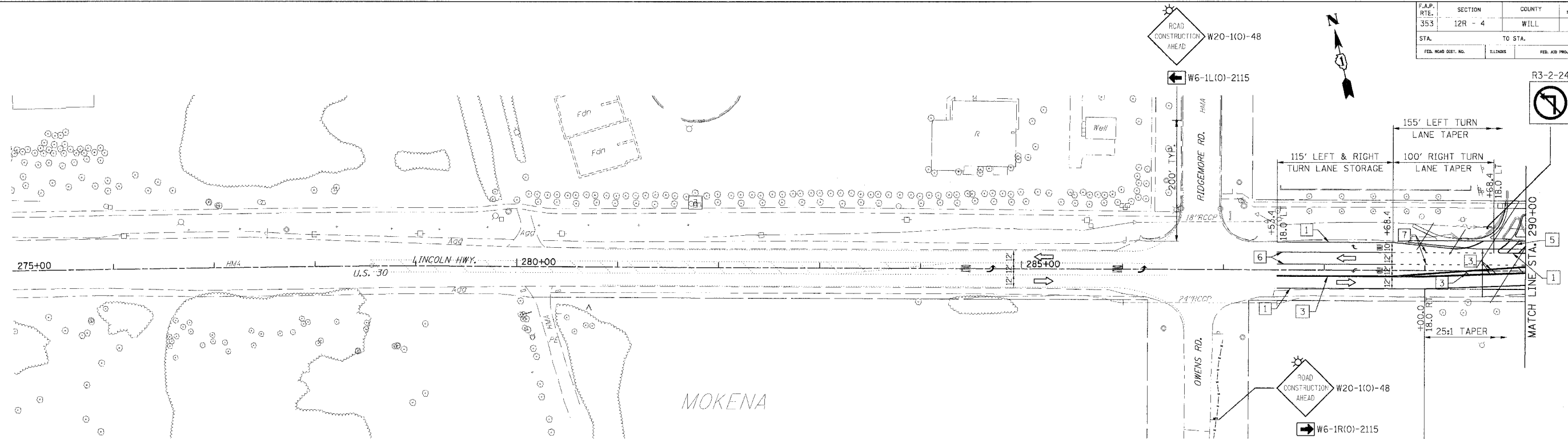
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE OF TRAFFIC  
 STAGE 3  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 SCALE : 1" = 50'  
 DATE : 01/31/2008  
 DRAWN BY : BEC  
 CHECKED BY :





F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	53
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**PAVEMENT MARKING KEY**

1	4" SOLID - WHITE
2	12" SOLID - YELLOW @ 20' C-C (5 MIN.)
3	4" SOLID - YELLOW @ 11" C-C
4	24" STOP BAR - WHITE
5	12" SOLID - WHITE
6	6" SOLID - WHITE
7	4" SOLID - WHITE (2' DASH - 6' SKIP)
8	4" SOLID - YELLOW
9	4" SOLID - WHITE (10' DASH - 30' SKIP)

**LEGEND**

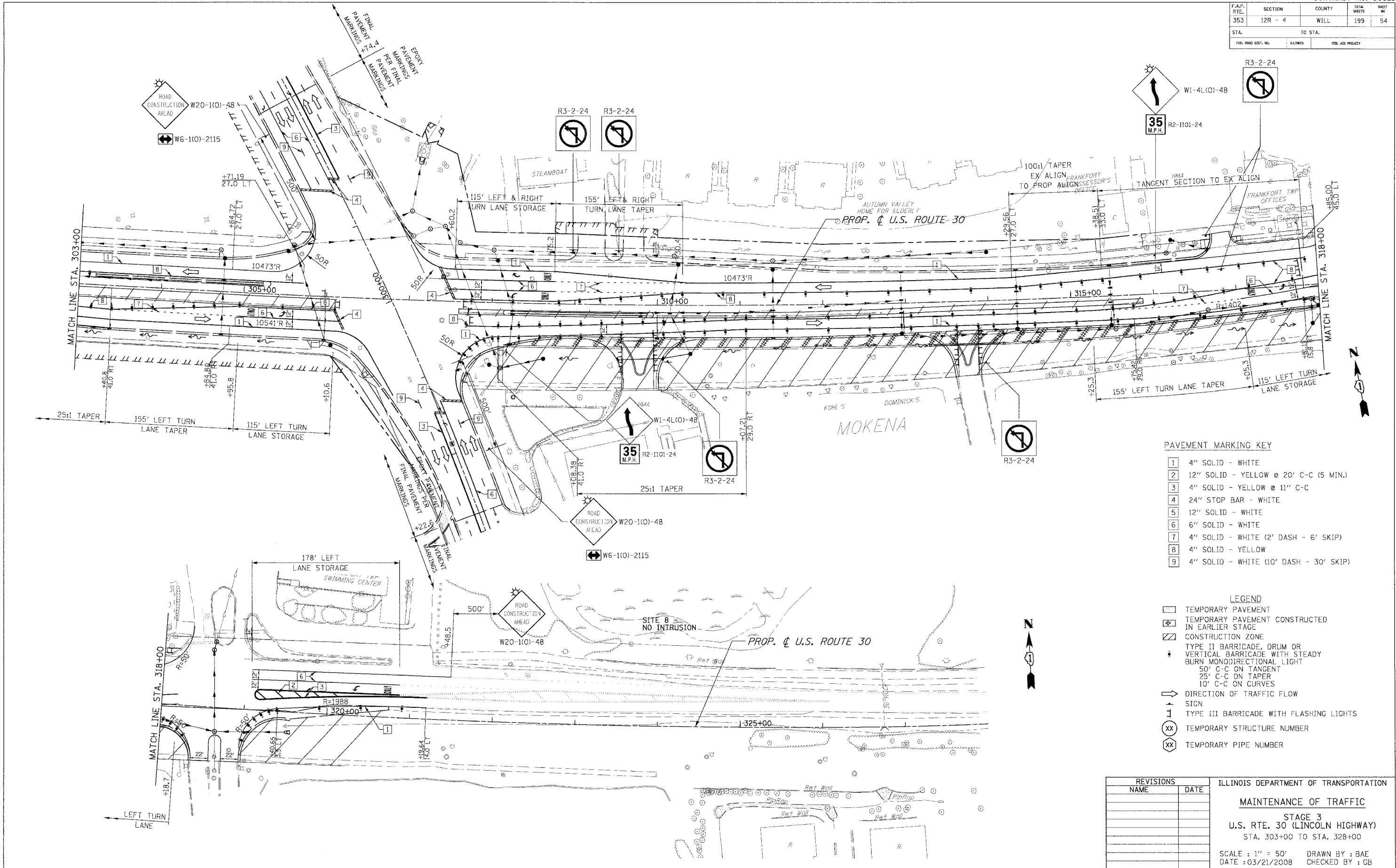
- [Symbol] TEMPORARY PAVEMENT
- [Symbol] TEMPORARY PAVEMENT CONSTRUCTED IN EARLIER STAGE
- [Symbol] CONSTRUCTION ZONE
- [Symbol] TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- [Symbol] 50' C-C ON TANGENT
- [Symbol] 25' C-C ON TAPER
- [Symbol] 10' C-C ON CURVES
- [Symbol] DIRECTION OF TRAFFIC FLOW
- [Symbol] SIGN
- [Symbol] TYPE III BARRICADE WITH FLASHING LIGHTS
- [Symbol] TEMPORARY STRUCTURE NUMBER
- [Symbol] TEMPORARY PIPE NUMBER

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
 STAGE 3  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 275+00 TO STA. 303+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB

F.A.P. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ALT. RITES	FED. AID PROJECT	

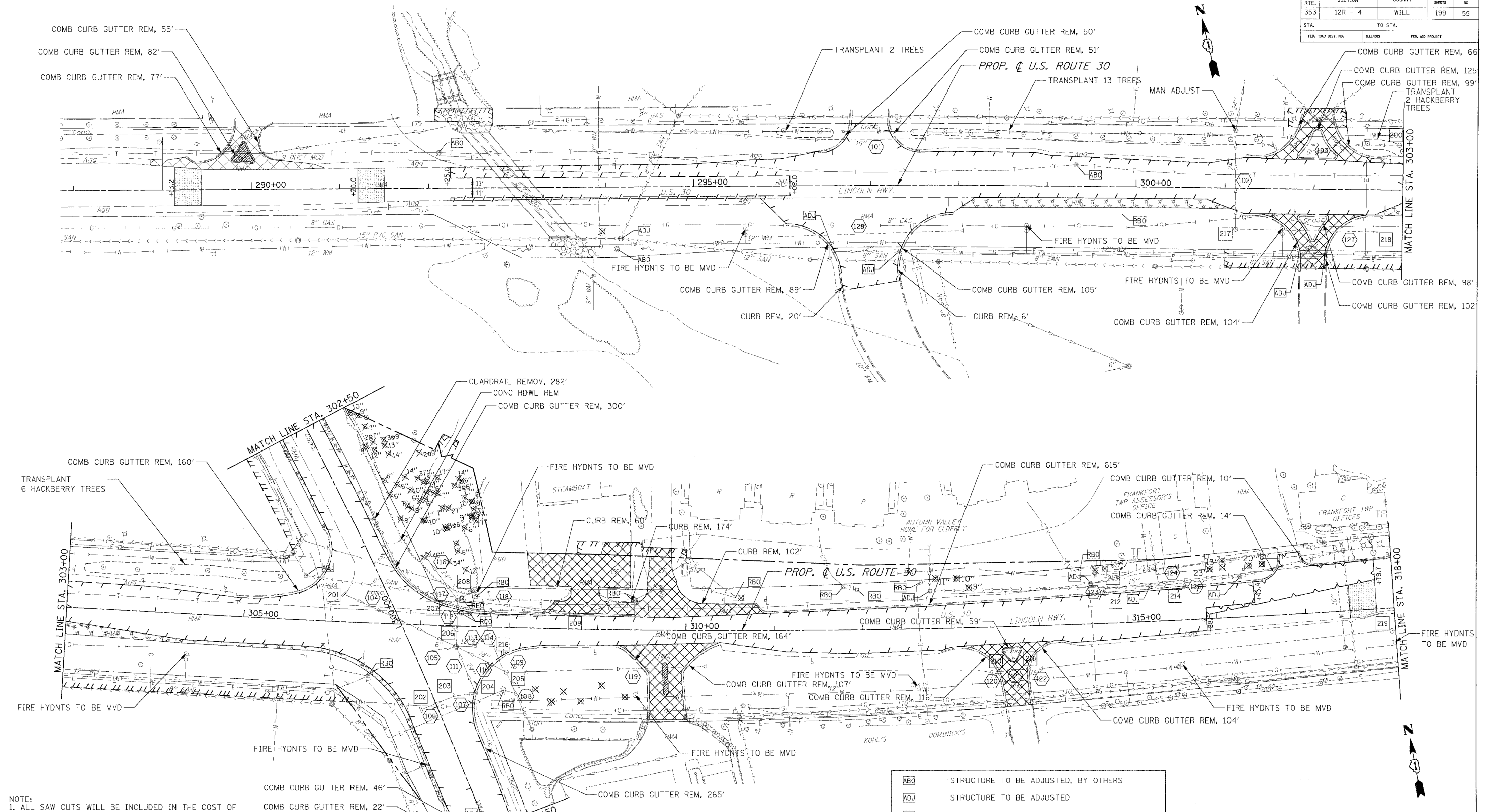


- PAVEMENT MARKING KEY**
- 1 4" SOLID - WHITE
  - 2 12" SOLID - YELLOW @ 20' C-C (5 MIN.)
  - 3 4" SOLID - YELLOW @ 11" C-C
  - 4 24" STOP BAR - WHITE
  - 5 12" SOLID - WHITE
  - 6 6" SOLID - WHITE
  - 7 4" SOLID - WHITE (2' DASH - 6' SKIP)
  - 8 4" SOLID - YELLOW
  - 9 4" SOLID - WHITE (10' DASH - 30' SKIP)

- LEGEND**
- [ ] TEMPORARY PAVEMENT
  - [X] TEMPORARY PAVEMENT CONSTRUCTED IN EARLIER STAGE
  - [Z] CONSTRUCTION ZONE
  - [•] TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
    - 50' C-C ON TANGENT
    - 25' C-C ON TAPER
    - 10' C-C ON CURVES
  - [→] DIRECTION OF TRAFFIC FLOW
  - [+ ] SIGN
  - [I] TYPE III BARRICADE WITH FLASHING LIGHTS
  - (XX) TEMPORARY STRUCTURE NUMBER
  - (XX) TEMPORARY PIPE NUMBER

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>MAINTENANCE OF TRAFFIC</b> STAGE 3 U.S. RTE. 30 (LINCOLN HIGHWAY) STA. 303+00 TO STA. 328+00 SCALE : 1" = 50'      DRAWN BY : BAE DATE : 03/21/2008      CHECKED BY : GB

P.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	55
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE:  
 1. ALL SAW CUTS WILL BE INCLUDED IN THE COST OF REMOVAL ITEMS.  
 2. ONLY TREES WITH A DIAMETER OF 6" OR GREATER AT THE TIME OF THE TREE SURVEY WERE IDENTIFIED.  
 3. THE CONTRACTOR SHALL CONTACT STEVE LIPKIE IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 48 HOURS IN ADVANCE OF TRANSPORTING WORK TO ASSIST WITH LAYOUT IN NEW LOCATIONS.  
 4. SEE SECOND PAGE OF REMOVAL PLANS FOR PIPE AND STRUCTURE REMOVAL INFORMATION.

**REMOVAL LEGEND**

	PAVEMENT REMOVAL		HMA SURF REM VAR DP
	DRIVEWAY PAVEMENT REMOVAL		PAVED SHOULDER REMOVAL
	MEDIAN SURFACE REMOVAL		HMA SURF REM BUTT JT
	SIDEWALK REMOVAL		RELOCATED, BY OTHERS

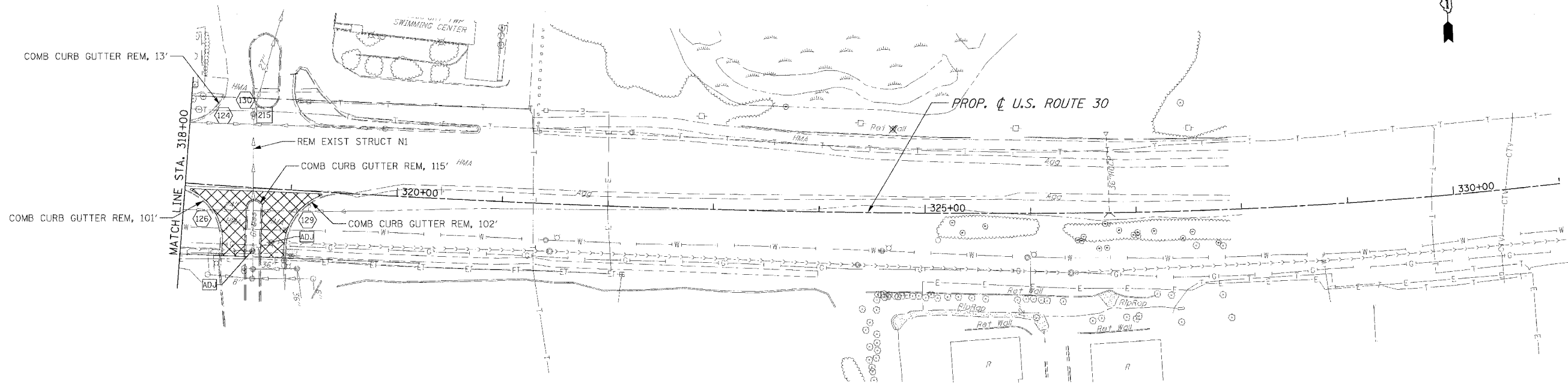
	STRUCTURE TO BE ADJUSTED, BY OTHERS
	STRUCTURE TO BE ADJUSTED
	STRUCTURE TO BE RECONSTRUCTED, BY OTHERS
	STRUCTURE TO BE RECONSTRUCTED
	STRUCTURE TO BE REMOVED
	TREE REMOVAL, DIAMETER
	TREE TRUNK PROTECTION
	TREE ROOT PRUNING (NO REMOVAL)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**REMOVAL PLANS**  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 288+00 TO STA. 318+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PIPE REMOVAL TABLE

PIPE NO.	PIPE TYPE	LENGTH (FEET)	DIAMETER (INCHES)	INVERT	
				U. S.	D. S.
101	CULVERT	121	15	713.02	712.02
102	SS	112	24	714.65	713.96
103	SS	155	12	720.50	719.26
104	SS	140	12	723.79	717.70
105	SS	TBD	6	TBD	717.60
106	SS	40	12	725.31	722.26
107	SS	24	12	722.21	720.78
108	SS	32	2	719.45	718.89
109	SS	21	15	721.32	719.44
110	SS	64	18	718.69	720.20
111	SS	57	24	720.70	713.10
112	SS	53	24	712.85	712.91
113	SS	40	12	721.89	720.40
114	SS	TBD	24	TBD	714.05
116	SS	61	24	712.86	708.88
117	SS	15	12	720.99	719.96
118	SS	135	12	720.72	719.26
119	CULVERT	97	15	722.54	722.10
120	SS	8	15	722.77	722.66
121	SS	33	12	722.66	722.48
122	SS	12	15	722.43	722.55
123	SS	5	12	721.78	720.44
124	SS	144	15	718.99	TBD
125	SS	8	12	720.04	TBD
126	SS	70	24	713.29	714.55
127	SS	158	12	716.23	714.65
128	CULVERT	221	12	715.00	712.50
129	SS	83	24	714.55	TBD
130	SS	10	27	TBD	TBD

• PIPE TO BE FILLED

STRUCTURE REMOVAL TABLE

NO.	STRUCTURE TYPE	PIPE	
		STATION	OFFSET
200	CB	302+95.5	50.5 LT
201	INLET	306+12.	31.3 LT
202	INLET	307+04.1	96.1 RT
203	INLET	307+40.1	79.5 RT
204	CB	307+64.3	75.3 RT
205	MH	307+98.5	50.5 RT
206	MH	307+40.9	23.1 RT
207	INLET	307+26.5	23.5 LT
208	MH	307+45.	29.6 LT
209	INLET	308+74.9	17.0 LT
210	CB	313+54.	50.7 RT
211	CB	313+86.9	48.4 RT
212	CB	314+74.2	33.8 LT
213	CB	314+73.	39.0 LT
214	CB	315+66.	37.3 LT
215	MH	318+59.	69.5 LT
216	CB	301+12.2	46.8 RT
217	INLET	302+70.0	48.1 RT
218	CB	317+95.6	25.6 RT
219	INLET	307+80.4	20.9 RT

REMOVAL LEGEND

	PAVEMENT REMOVAL		HMA SURF REM BUTT JT		STORM SEWER/CULVERT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		RELOCATED, BY OTHERS		STRUCTURE TO BE REMOVED
	MEDIAN SURFACE REMOVAL		STRUCTURE TO BE ADJUSTED, BY OTHERS		TREE REMOVAL, DIAMETER
	SIDEWALK REMOVAL		STRUCTURE TO BE ADJUSTED		TREE TRUNK PROTECTION TREE ROOT PRUNING (NO REMOVAL)
	HMA SURF REM VAR DP		STRUCTURE TO BE RECONSTRUCTED, BY OTHERS		
	PAVED SHOULDER REMOVAL		STRUCTURE TO BE RECONSTRUCTED		

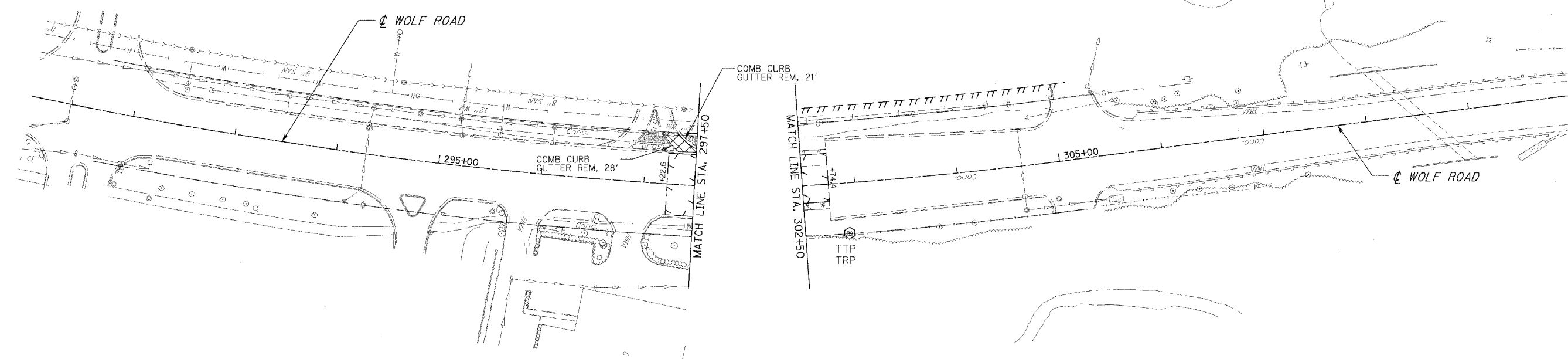
NOTE:  
 1. ALL SAW CUTS WILL BE INCLUDED IN THE COST OF REMOVAL ITEMS.  
 2. ONLY TREES WITH A DIAMETER OF 6" OR GREATER AT THE TIME OF THE TREE SURVEY WERE IDENTIFIED.  
 3. THE CONTRACTOR SHALL CONTACT STEVE LIPKIE IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 48 HOURS IN ADVANCE OF TRANSPORTING WORK TO ASSIST WITH LAYOUT IN NEW LOCATIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**REMOVAL PLANS**  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 318+00 TO STA. 331+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	57
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE:  
 1. ALL SAW CUTS WILL BE INCLUDED IN THE COST OF REMOVAL ITEMS.  
 2. ONLY TREES WITH A DIAMETR OF 6" OR GREATER AT THE TIME OF THE TREE SURVEY WERE IDENTIFIED.  
 3. THE CONTRACTOR SHALL CONTACT STEVE LIPKIE IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 48 HOURS IN ADVANCE OF TRANSPORTING WORK TO ASSIST WITH LAYOUT IN NEW LOCATIONS.

REMOVAL LEGEND

	PAVEMENT REMOVAL		HMA SURF REM BUTT JT		STORM SEWER/CULVERT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		RELOCATED, BY OTHERS		STRUCTURE TO BE REMOVED
	MEDIAN SURFACE REMOVAL		STRUCTURE TO BE ADJUSTED, BY OTHERS		TREE REMOVAL, DIAMETER
	SIDEWALK REMOVAL		STRUCTURE TO BE ADJUSTED		TREE TRUNK PROTECTION TREE ROOT PRUNING (NO REMOVAL)
	HMA SURF REM VAR DP		STRUCTURE TO BE RECONSTRUCTED, BY OTHERS		
	PAVED SHOULDER REMOVAL		STRUCTURE TO BE RECONSTRUCTED		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**REMOVAL PLANS**  
**WOLF ROAD**  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BEC  
 CHECKED BY :

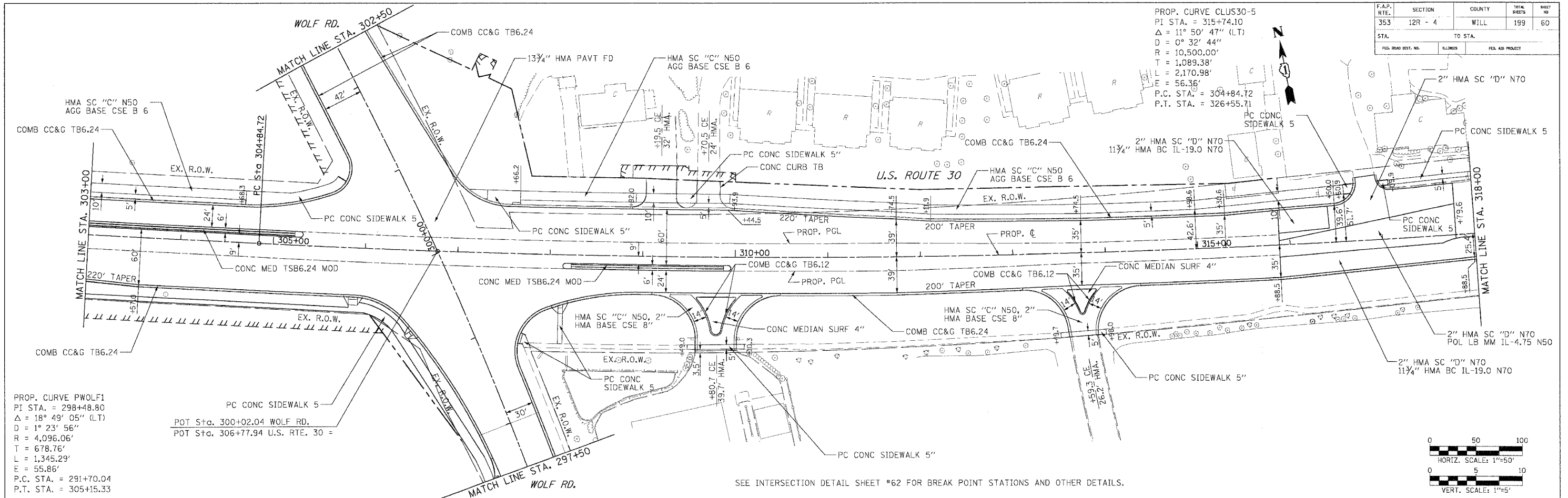






F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
353	12R - 4	WILL	199	60
STA.	TO STA.			
FIG. ROAD DIST. NO.	KILLING	FED. AID PROJECT		

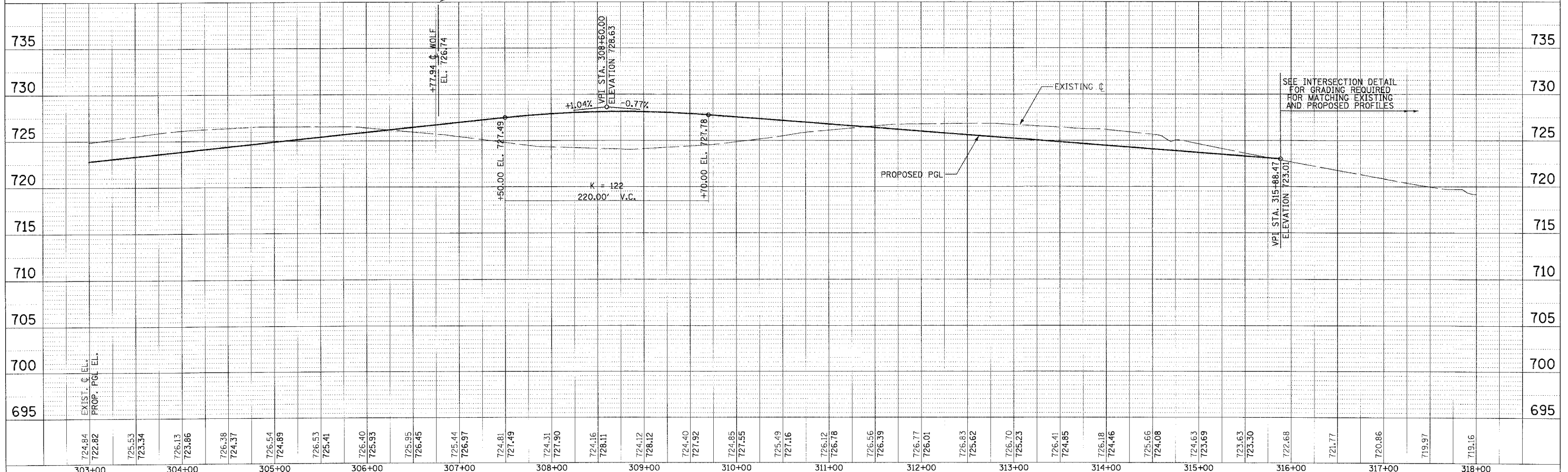
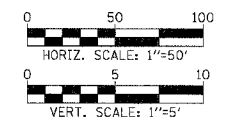
PROP. CURVE CLUS30-5  
 PI STA. = 315+74.10  
 $\Delta = 11^\circ 50' 47''$  (LT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 1,089.38'$   
 $L = 2,170.98'$   
 $E = 56.36'$   
 P.C. STA. = 304+84.72  
 P.T. STA. = 326+55.71



PROP. CURVE PWOLF1  
 PI STA. = 298+48.80  
 $\Delta = 18^\circ 49' 05''$  (LT)  
 $D = 1^\circ 23' 56''$   
 $R = 4,096.06'$   
 $T = 678.76'$   
 $L = 1,345.29'$   
 $E = 55.86'$   
 P.C. STA. = 291+70.04  
 P.T. STA. = 305+15.33

POT Sta. 300+02.04 WOLF RD.  
 POT Sta. 306+77.94 U.S. RTE. 30 =

SEE INTERSECTION DETAIL SHEET #62 FOR BREAK POINT STATIONS AND OTHER DETAILS.



DLZ PLAN AND PROFILE / U.S. ROUTE 30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	61

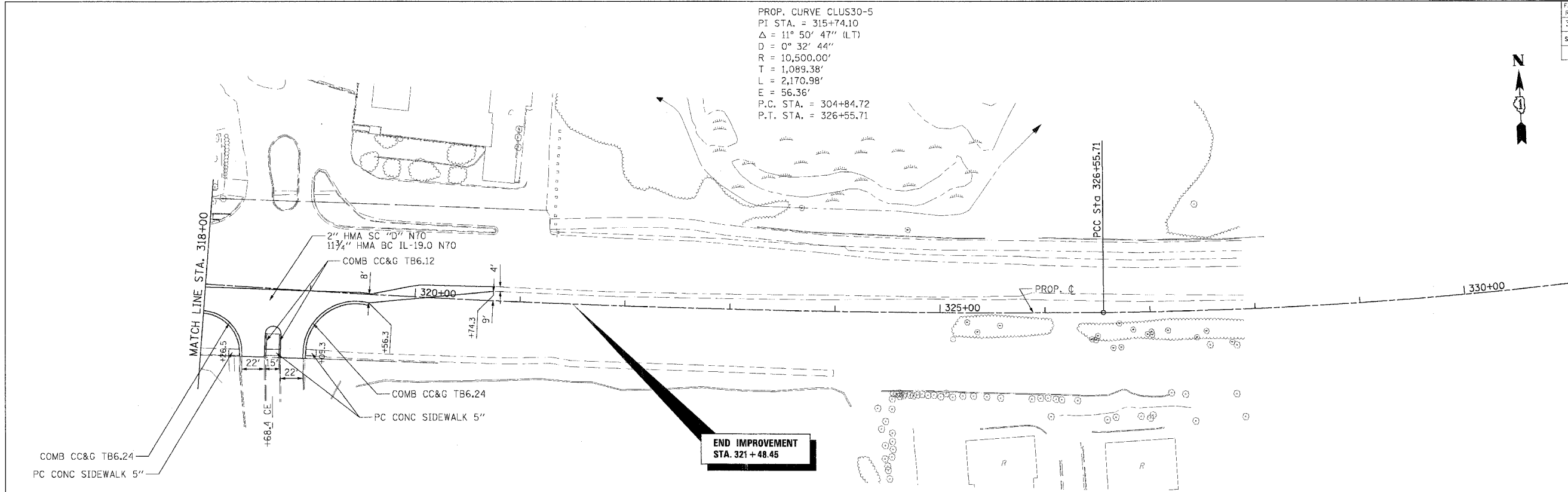
STA.	TO STA.

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

PROP. CURVE CLUS30-6  
 PI STA. = 339+67.40  
 $\Delta = 36^\circ 18' 40''$  (LT)  
 $D = 1^\circ 25' 57''$   
 $R = 3,999.99'$   
 $T = 1,311.69'$   
 $L = 2,534.98'$   
 $E = 209.58'$   
 P.C. STA. = 326+55.71  
 P.T. STA. = 351+90.69

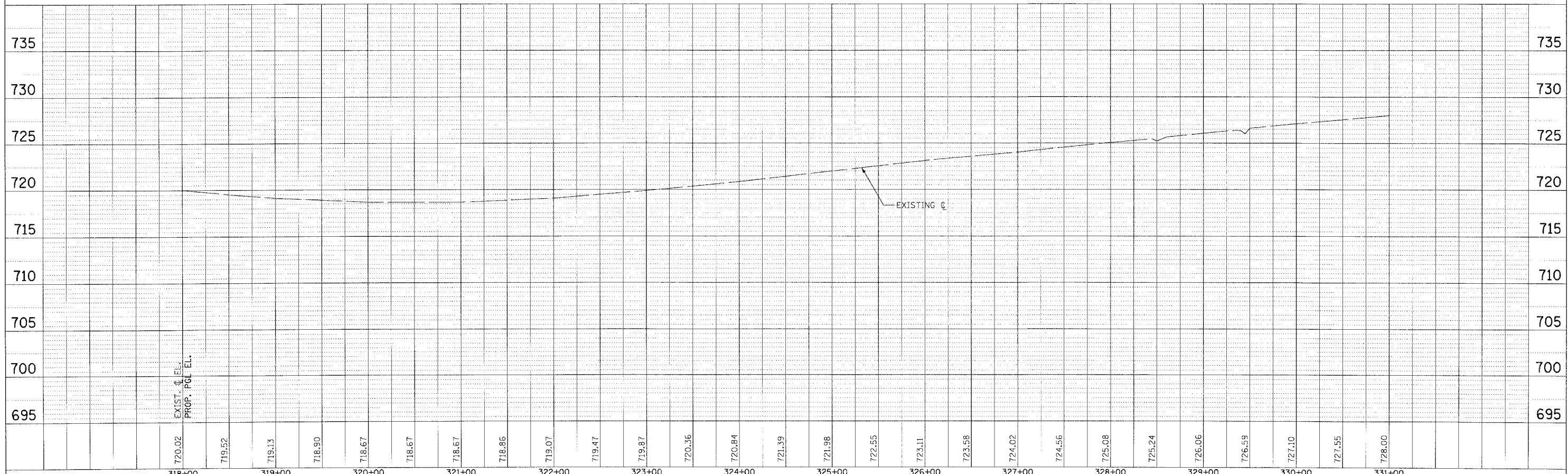
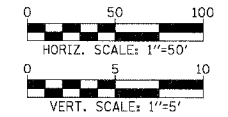
PROP. CURVE CLUS30-5  
 PI STA. = 315+74.10  
 $\Delta = 11^\circ 50' 47''$  (LT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 1,089.38'$   
 $L = 2,170.98'$   
 $E = 56.36'$   
 P.C. STA. = 304+84.72  
 P.T. STA. = 326+55.71



**END IMPROVEMENT  
 STA. 321+48.45**

SEE INTERSECTION DETAIL SHEET #63 FOR BREAK POINT STATIONS AND OTHER DETAILS.

SETTLERS POND DR.



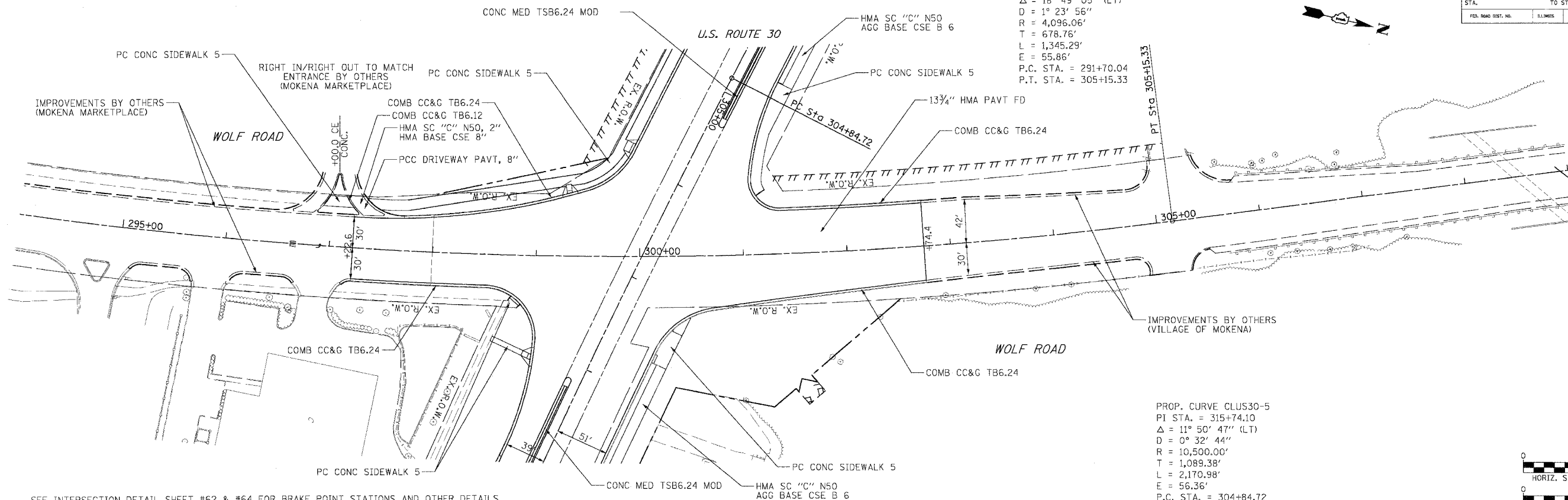
PLAN AND PROFILE / U.S. ROUTE 30



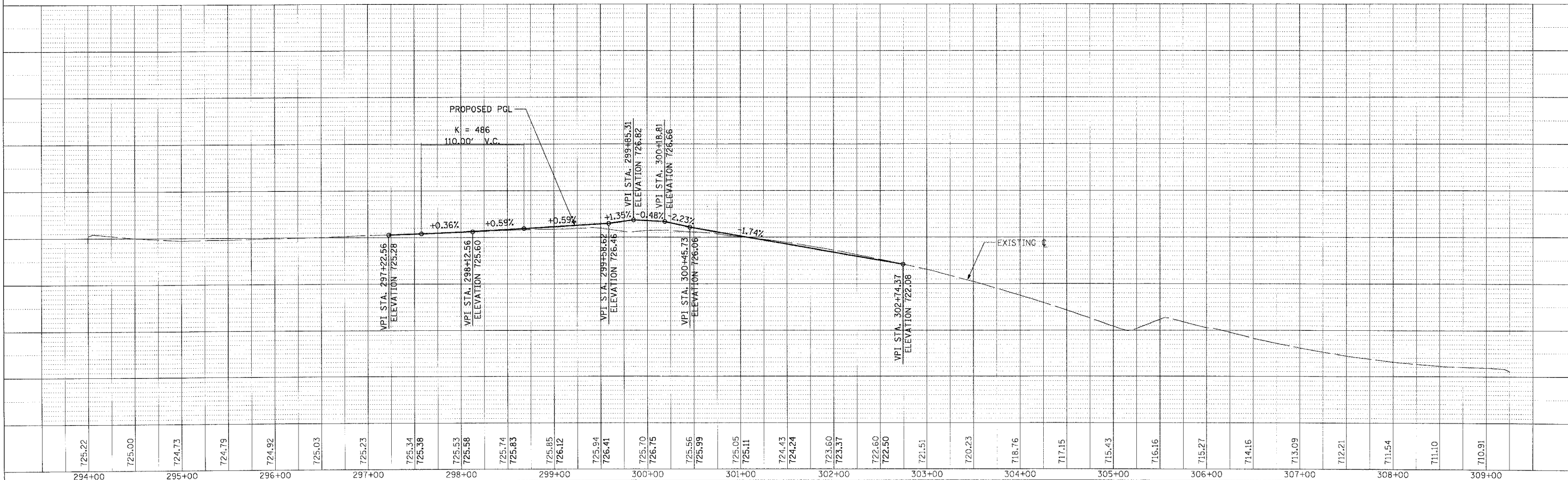
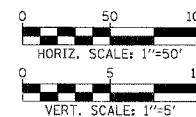
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	62
STA.	TO STA.			
FED. ROAD DIST. NO.	ELLIPSE	FED. AID PROJECT		

PROP. CURVE PWOLF1  
 PI STA. = 298+48.80  
 $\Delta = 18^\circ 49' 05''$  (LT)  
 $D = 1^\circ 23' 56''$   
 $R = 4,096.06'$   
 $T = 678.76'$   
 $L = 1,345.29'$   
 $E = 55.86'$   
 P.C. STA. = 291+70.04  
 P.T. STA. = 305+15.33

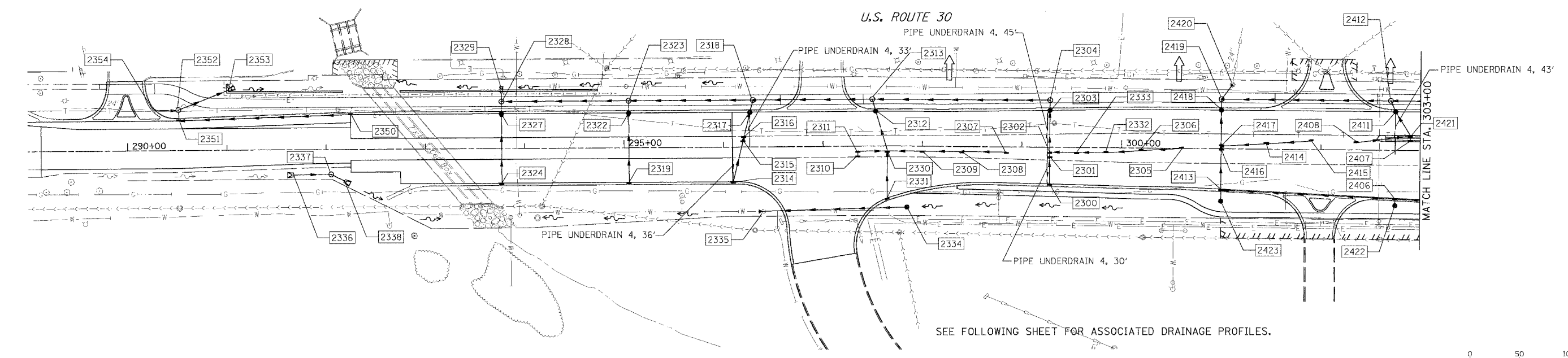
PROP. CURVE CLUS30-5  
 PI STA. = 315+74.10  
 $\Delta = 11^\circ 50' 47''$  (LT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 1,089.38'$   
 $L = 2,170.98'$   
 $E = 56.36'$   
 P.C. STA. = 304+84.72  
 P.T. STA. = 326+55.71



SEE INTERSECTION DETAIL SHEET #62 & #64 FOR BRAKE POINT STATIONS AND OTHER DETAILS.



F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	63
STA.	TO STA.			
FED. ROAD DIST. NO.	ALIGNMENT	FED. AID PROJECT		



PIPE TABLE

STRUCTURE		PIPE				INVERT		TRENCH BACKFILL
U. S.	D. S.	LENGTH	DIAMETER	TYPE	SLOPE (FT/FT)	U. S.	D. S.	
2300	2301	26.2	12	2	0.0050	714.32	714.19	3.7
2301	2302	6.0	12	2	0.0050	714.19	714.16	1.0
2305	2306	53.2	12	2	0.0050	715.47	715.20	8.1
2306	2332	78.3	12	2	0.0050	715.20	714.81	11.1
2332	2333	30.0	12	1	0.0050	714.81	714.66	4.3
2333	2302	27.0	12	1	0.0050	714.66	714.53	3.5
2302	2303	42.2	12	2	0.0050	714.16	713.95	6.7
2303	2304	10.3	12	2	0.0050	713.95	713.90	3.1
2304	2313	178.0	12	2	0.0080	713.82	711.40	121.0
2307	2308	45.7	12	2	0.0050	713.40	713.17	7.9
2308	2309	40.8	12	2	0.0050	713.17	712.97	6.2
2309	2330	35.0	12	2	0.0050	712.97	712.79	4.6
2310	2311	6.0	12	2	0.0050	712.97	712.59	4.6
2311	2330	30.0	12	2	0.0100	712.59	712.25	4.6
2331	2330	47.6	12	2	0.0050	712.59	712.35	6.8
2330	2313	54.5	12	2	0.0050	712.25	711.98	9.4
2313	2318	120.0	12	2	0.0080	711.40	710.44	75.8
2314	2315	47.1	12	2	0.0050	711.00	710.76	7.7
2315	2316	27.8	12	2	0.0080	710.76	710.63	6.0
2316	2317	24.7	12	2	0.0050	710.63	710.50	5.1
2317	2318	12.9	12	2	0.0050	710.50	710.44	4.5
2318	2323	125.0	15	2	0.0080	710.19	709.19	50.0
2319	2323	82.5	12	2	0.0050	709.92	709.51	0.0
2323	2328	128.0	18	2	0.0080	708.94	707.91	51.8
2324	2328	82.5	12	2	0.0050	708.59	708.18	0.0
2328	2329	8.7	18	2	0.0080	707.70	707.63	3.6
2334	2335	143.4	24	2	0.0050	712.60	711.88	7.2
2336	2337	38.0	30 ERS	1	0.0050	707.19	707.00	0.0
2337	2338	14.7	30	1	0.0050	707.00	706.93	0.0
2350	2351	173.1	12	2	0.0050	707.46	706.59	51.9
2351	2352	10.8	12	2	0.0050	706.59	706.54	1.3
2352	2353	54.1	27	1	0.0012	706.54	706.47	8.0
2354	2352	26.1	24	1	0.0012	706.57	706.54	0.0
2404	2412	200.00	12	2	0.0104	718.43	716.35	142.4
2410	2407	40.00	12	2	0.0050	718.60	718.40	5.7
2407	2421	6.00	12	2	0.0104	718.40	718.33	0.8
2405	2406	65.10	12	2	0.0100	718.46	717.81	8.5
2406	2413	175.16	15	2	0.0040	716.58	715.88	35.0
2408	2421	55.38	12	2	0.0050	717.94	717.66	7.9
2421	2411	28.30	12	2	0.0050	717.66	717.52	5.2
2411	2412	12.08	12	2	0.0104	717.52	717.46	3.9
2412	2419	170.00	15	2	0.0104	716.10	714.33	59.8
2415	2414	45.10	12	2	0.0100	717.35	716.90	5.9
2414	2417	45.10	12	2	0.0100	716.90	716.45	5.9
2422	2406	8.0	12	1	0.0100	717.65	717.58	0.0
2423	2413	13.80	12	1	0.0040	714.95	714.30	0.0
2413	2419	89.00	18	2	0.0030	714.30	714.63	0.0
2419	2420	18.24	24	2	0.0072	714.33	714.20	4.7

- ① STORM SEWERS JACKED IN PLACE OF THE DIAMETER SPECIFIED
- ② STORM SEWER (WATER MAIN REQUIREMENTS) OF THE DIAMETER SPECIFIED
- \*\* SEE DETAIL 'DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER'

STRUCTURE TABLE

STR. #	STATION	OFFSET	TYPE	FRAME	RIM ELEVATION	INVERT ELEVATION			
						NORTH	EAST	SOUTH	WEST
2300	299+28.00	37.2	CB C	24	718.48	714.32			
2301	299+28.00	11.0	IN B	24	718.90	714.19			
2302	299+28.00	5.0	IN B	24	718.69	714.16			
2303	299+28.00	-37.2	CB A4	24	718.48	713.95			
2304	299+28.00	-47.5	MH A4	1-CL	718.82				
2305	300+60.00	-1.6	CB C	24	720.10				
2306	300+20.00	1.0	IN B	24	719.65		715.20		
2307	298+85.00	5.0	CB C	24	718.25				
2308	298+40.00	5.0	IN B	24	717.80		713.17		
2309	298+00.00	5.0	IN B	24	717.39		712.97		
2310	297+35.00	11.0	CB C	24	716.95	712.58			
2311	297+35.00	5.0	IN B	24	716.71				
2312	297+84.00	-35.0	CB A4	24	716.67	712.04			
2313	297+50.00	-47.4	MH A4	1-CL	716.93				
2314	296+10.00	35.0	CB C	24	715.18	711.00			
2315	296+20.00	-5.0	IN B	24	715.88	710.76			
2316	296+21.00	-11.0	IN B	24	715.77	710.63			
2317	296+27.00	-35.0	CB A4	24	715.35	710.50			
2318	296+30.00	-47.5	MH A4	1-CL	715.68		710.44		710.19
2319	295+05.00	35.0	CB C	24	714.09	709.92			
2322	295+05.00	-35.0	CB A4	24	714.09	709.57			
2323	295+05.00	-47.5	MH A4	1-CL	714.39		709.19		708.94
2324	293+77.00	35.0	CB C	24	712.76	708.59			
2327	293+77.00	-35.0	CB A4	24	712.76	708.24			
2328	293+77.00	-47.5	MH A4	1-CL	713.06	707.70			
2329	293+77.00	-56.3	FES 18		-				
2330	297+65.00	5.0	IN B	24	717.03	712.25	712.79		712.35
2331	297+64.00	52.6	CB C	24	716.75	712.59			
2332	299+85.00	3.4	IN B	24	719.26		714.81		714.81
2333	299+55.00	5.0	IN B	24	718.96		714.66		714.66
2334	297+82.39	61.8	CB A5	8	716.10				712.60
2335	296+39.00	65.2	FES 24		-		711.88		
2336	291+67.00	25.4	FES30ERS		-		707.19		
2337	292+05.00	25.1	MH A5	1-CL	710.30		707.00		707.00
2338	292+18.00	32.0	FES 30		-				706.93
2350	292+25.00	-35.0	CB C	24	711.82		707.46		707.46
2351	290+52.00	-30.1	IN B	24	711.22	706.59			
2352	290+52.00	-40.9	MH A5	1-CL	711.30		706.54		706.54
2353	291+02.30	-60.8	FES27		-				706.47
2354	290+26.60	-41.0	**		-		706.57		
2406	302+75.00	48.5	IN B	24	721.84		717.81		717.58
2407	302+90.00	-9.0	IN B	11V	722.71	718.40	718.40		
2408	302+35.00	-7.4	CB C	24	722.05		717.94		
2411	302+75.00	-39.0	CB A4	24	722.08	717.52			717.52
2412	302+70.00	-50.0	MH A4	1-CL	722.36		716.35		717.46
2413	301+00.00	40.9	CB A5	24	720.21	714.90	715.88		714.90
2414	301+45.00	-7.4	IN B	24	721.07				716.90
2415	301+90.00	-10.5	CB C	24	721.58				717.35
2416	301+00.00	1.7	CB A5	24	720.57	714.53			714.53
2417	301+00.00	-4.4	CB A5	24	720.55	714.51	716.45		714.51
2418	301+00.00	-39.0	CB A5	24	720.26	714.40			714.40

STRUCTURE TABLE (CONT.)

STR. #	STATION	OFFSET	TYPE	FRAME	RIM ELEVATION	INVERT ELEVATION			
						NORTH	EAST	SOUTH	WEST
2419	301+00.00	-50.0	MH A5	1 CL	720.64	714.33	714.33		714.63
2420	301+10.77	-64.7	EX MH	-	720.37	713.96			714.20
2421	302+90.00	-15.0	IN B	24	722.71	717.66			717.66
2422	302+75.00	56.0	CB C	8	721.39	717.65			
2423	301+00.00	52.8	CB C	8	718.61	714.95			

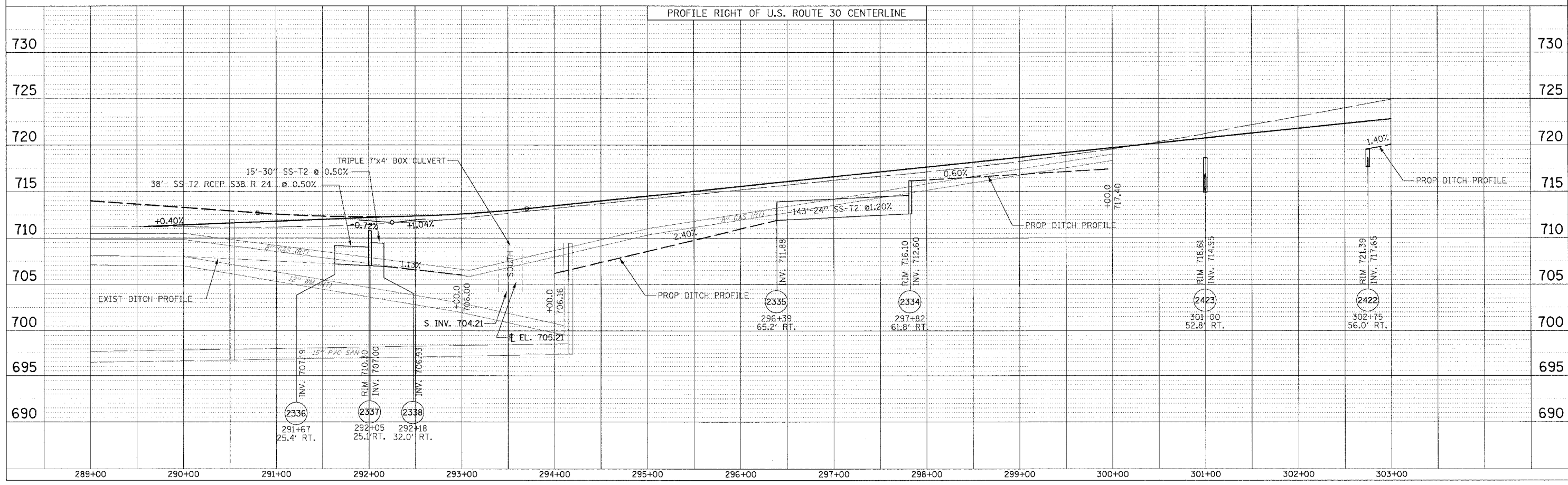
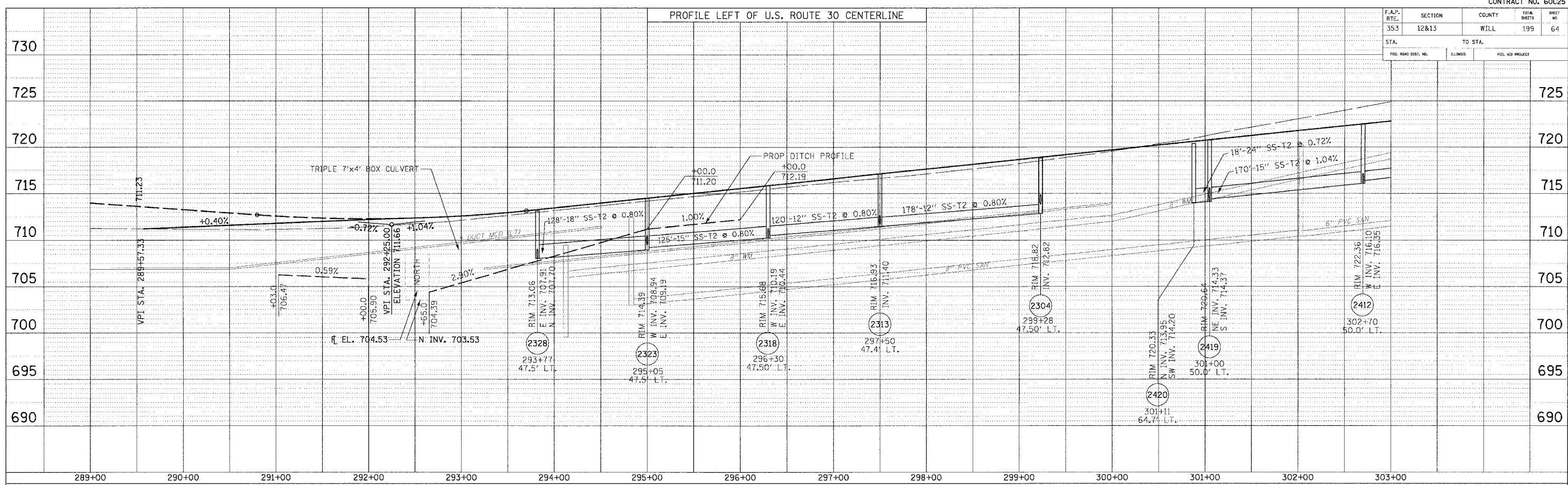
NOTES:

1. STRUCTURES TO BE CONSTRUCTED ON JACKED STORM SEWER. REMOVAL OF ANY STORM SEWER OR INSTALLATION OF ANY NEW STORM SEWER ASSOCIATED WITH THE CONSTRUCTION OF THE STRUCTURE ONTO THE JACKED PIPE SHALL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE BEING CONSTRUCTED
2. PIPE UNDERDRAINS ARE TO BE INSTALLED A MINIMUM OF 30" BELOW TOP OF PAVEMENT, AND A MINIMUM SLOPE OF 0.50%.
3. OFFSETS TO STRUCTURES ARE GIVEN AS FOLLOWS:
  - LOCATED IN CURB LINE - OFFSET TO EDGE OF PAVEMENT
  - LOCATED IN GRASS - OFFSET TO CENTER OF STRUCTURE
  - LOCATED IN PAVEMENT - OFFSET TO FUTURE EDGE OF PAVEMENT (SEE INTERSECTION DETAIL SHEETS)
  - FES - OFFSET TO END OF STORM SEWER

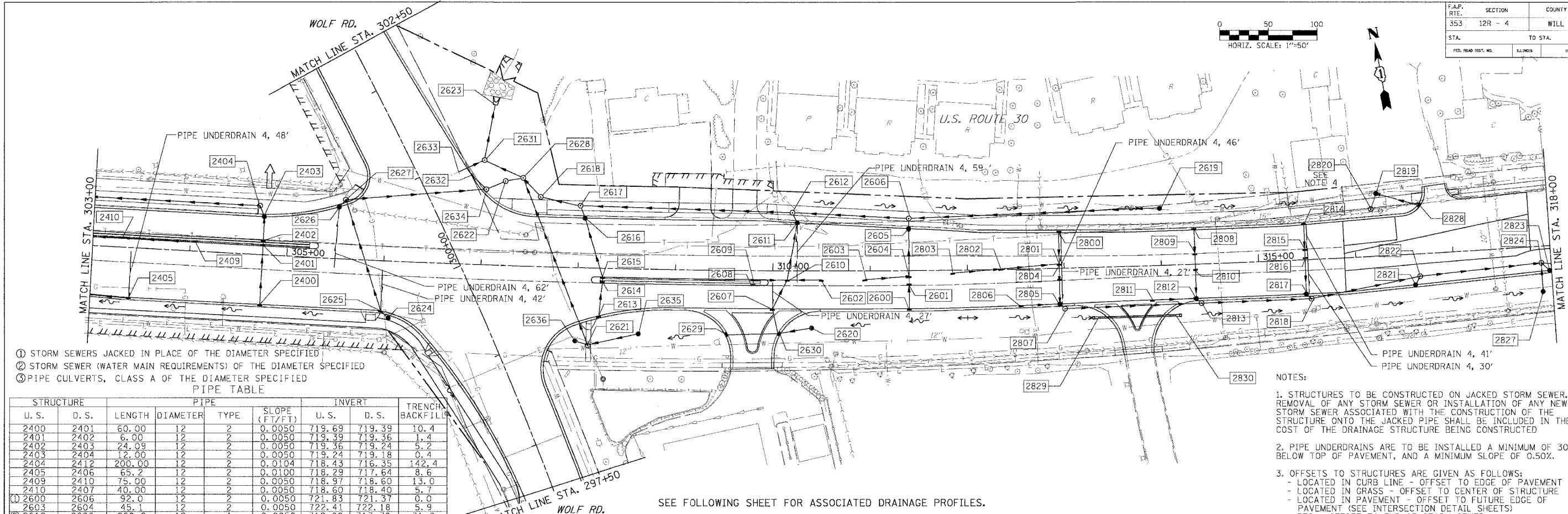
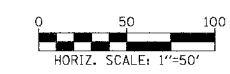
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DRAINAGE AND UTILITIES U.S. RTE. 30 (LINCOLN HIGHWAY) STA. 289+00 TO STA. 303+00 SCALE : 1" = 50' DATE : 03/21/2008

DRAWN BY : BAE  
CHECKED BY : GB





F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	65
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- ① STORM SEWERS JACKED IN PLACE OF THE DIAMETER SPECIFIED
- ② STORM SEWER (WATER MAIN REQUIREMENTS) OF THE DIAMETER SPECIFIED
- ③ PIPE CULVERTS, CLASS A OF THE DIAMETER SPECIFIED

PIPE TABLE

STRUCTURE		PIPE				INVERT		TRENCH BACKFILL
U. S.	D. S.	LENGTH	DIAMETER	TYPE	SLOPE (FT/FT)	U. S.	D. S.	
2400	2401	60.00	12	2	0.0050	719.69	719.39	10.4
2401	2402	6.00	12	2	0.0050	719.39	719.36	1.4
2402	2403	24.09	12	2	0.0050	719.36	719.24	5.2
2403	2404	12.00	12	2	0.0050	719.24	719.18	0.4
2404	2412	200.00	12	2	0.0104	718.43	716.35	142.4
2405	2406	65.2	12	2	0.0100	718.29	717.64	8.6
2409	2410	75.00	12	2	0.0050	718.97	718.60	13.0
2410	2407	40.00	12	2	0.0050	718.60	718.40	5.7
① 2600	2606	92.0	12	2	0.0050	721.83	721.37	0.0
2603	2604	45.1	12	2	0.0050	722.41	722.18	5.9
② 2619	2606	260.2	12	1	0.0050	719.00	717.70	31.8
2606	2612	120.0	15	2	0.0032	717.45	717.07	145.1
2620	2630	34.5	12	1	0.0050	720.00	719.83	0.0
2602	2610	35.0	12	2	0.0050	722.97	722.79	5.0
2629	2630	51.0	12	2	0.0050	722.17	721.91	14.2
2630	2607	26.2	12	2	0.0050	719.83	719.70	21.6
2607	2610	33.5	12	2	0.0050	719.70	719.53	25.3
2608	2609	6.0	12	2	0.0050	723.50	723.47	0.8
2609	2610	35.0	12	2	0.0050	723.47	723.30	4.6
2610	2611	59.1	12	2	0.0050	719.53	719.23	44.9
2611	2612	11.6	12	2	0.0050	719.23	719.21	6.8
2612	2617	219.0	24	2	0.0017	716.82	716.44	363.8
2613	2614	34.1	12	2	0.0050	723.00	722.83	5.9
2614	2615	6.0	12	2	0.0050	722.83	722.80	1.4
2615	2616	62.9	12	2	0.0050	722.80	722.48	12.9
2616	2617	13.6	12	2	0.0050	722.48	722.42	4.5
2617	2618	42.1	24	2	0.0017	716.44	716.38	46.3
2618	2628	26.7	24	2	0.0017	716.37	716.33	0.0
① 2621	2628	183.9	24	3	0.0050	714.50	713.89	0.0
2633	2631	29.7	30	3	0.0030	710.70	710.61	27.6
2628	2631	44.5	24	3	0.0033	713.63	713.48	0.0
2631	2623	58.3	42	5	0.0027	700.89	700.77	0.0
2624	2625	10.9	12	2	0.0017	719.68	719.66	0.0
2625	2627	119.6	24	2	0.0017	719.66	719.16	24.5
2626	2627	10.0	12	2	0.0050	720.19	720.14	1.6
② 2627	2634	146.0	24	2	0.0017	719.46	719.21	49.4
2632	2634	20.3	12	2	0.0050	721.46	721.36	3.1
2634	2622	21.7	24	2	0.0017	719.21	719.17	0.0
2622	2628	18.7	24	2	0.0017	719.17	719.14	0.0
2635	2621	52.5	12	2	0.0050	718.37	718.11	0.0
2636	2621	13.5	12	2	0.0050	719.90	718.93	0.0
2803	2802	50.1	12	2	0.0050	721.60	721.35	6.6
2802	2801	60.1	12	2	0.0050	721.35	721.05	7.8
2800	2801	32.0	12	2	0.0050	720.63	720.47	3.9
2801	2804	17.0	12	2	0.0050	720.47	720.38	3.9
2804	2805	24.0	12	2	0.0050	720.25	720.26	4.2
2806	2805	40.0	12	2	0.0050	720.94	720.74	10.7
2805	2807	7.1	12	2	0.0100	720.26	720.19	0.4
2807	2813	140.0	36	2	0.0010	713.96	713.82	144.3
2808	2809	24.0	12	2	0.0050	719.55	719.43	3.7
2809	2810	17.7	12	2	0.0050	719.43	719.34	3.2
2810	2812	28.3	12	2	0.0050	719.34	719.20	4.9
2811	2812	45.0	12	2	0.0050	719.90	719.68	5.9
2812	2813	7.1	12	2	0.0050	719.20	719.16	1.2
2813	2818	113.0	36	2	0.0010	713.82	713.71	142.5
2814	2815	24.7	12	2	0.0050	718.68	718.56	3.5
2815	2816	10.2	12	2	0.0050	718.56	718.51	2.0
2816	2817	35.8	12	2	0.0050	718.51	718.33	6.6
2817	2818	7.1	12	2	0.0050	718.33	718.29	0.4
2818	2822	113.8	36	2	0.0010	713.71	713.59	109.9
2828	2819	47.2	12	1	0.0050	717.60	717.36	5.6
2819	2820	16.9	12	1	0.0050	717.36	717.28	11.5
2821	2822	9.6	12	2	0.0050	716.30	716.25	2.6
② 2822	2824	125.4	36	1	0.0010	713.59	713.47	69.0
2823	2824	11.6	12	2	0.0050	714.90	714.84	1.5
② 2827	2824	29.3	42	1	0.0150	714.00	713.56	1.7
2824	2825	77.3	42	1	0.0009	713.47	713.40	15.2
③ 2829	2830	87.0	15	1	0.0008	722.34	721.65	5.6

SEE FOLLOWING SHEET FOR ASSOCIATED DRAINAGE PROFILES.

STRUCTURE TABLE

STR. #	STATION	OFFSET	TYPE	FRAME	RIM ELEVATION	INVERT ELEVATION			
						NORTH	EAST	SOUTH	WEST
2400	304+75.00	51.0	CB C	24	723.85	719.69			
2401	304+75.00	-9.0	IN B	11V	724.63	719.39		719.39	
2402	304+75.00	-15.0	IN B	24	724.63	719.36		719.36	
2403	304+75.00	-39.1	CB A4	24	724.15	719.24		719.24	
2404	304+70.00	-50.0	MH A4	1-CL	724.44			719.18	718.43
2405	303+40.00	50.1	CB C	24	722.45				718.29
2409	304+05.00	-9.0	CB C	11V	723.91				719.97
2410	303+30.00	-9.0	IN B	11V	723.13		718.60		718.60
2600	311+40.00	39.0	CB C	24	725.99	721.83			
2601	311+40.00	15.0	IN B	24	726.47	721.71		721.71	
2602	310+50.00	8.9	CB C	24	727.16				722.97
2603	310+95.00	8.8	CB C	24	726.82		722.41		
2604	311+40.00	5.7	IN B	24	726.41			721.66	722.18
2605	311+40.00	-42.8	CB A4	24	725.90	721.42		721.42	
2606	311+40.00	-53.4	MH A4	1-CL	726.24	717.70		721.37	717.45
2607	310+00.00	39.0	CB C	24	727.07	719.70			719.70
2608	309+80.00	15.0	CB C	24	727.70	723.50			
2609	309+80.00	9.0	IN B	11V	727.70		723.47	723.47	
2610	310+15.00	9.0	IN B	24	727.44	719.53	722.79	719.53	723.30
2611	310+25.00	-49.2	CB A4	24	726.62	719.23		719.23	
2612	310+20.00	-59.7	MH A5	1-CL	726.95		717.07	719.18	716.82
2613	308+22.00	53.7	CB C	24	727.19	723.00			
2614	308+25.00	15.0	IN B	24	728.04	722.83		722.83	
2615	308+25.00	9.0	IN B	11V	728.04	722.80		722.80	
2616	308+06.00	-51.0	CB A4	24	727.16	722.48		722.48	
2617	308+01.00	-63.6	MH A5	1-CL	727.42		716.44	722.42	716.44
2618	307+60.00	-71.55	RMH	*	727.10		716.37		716.37
2619	314+00.00	-59.0	CB C	8	722.80				719.00
2620	310+40.00	58.6	CB C	8	723.70				720.00
2621	308+12.00	79.0	MH A5	1-CL	722.64	714.50	718.11		719.83
2622	307+22.00	-86.7	RMH	*	725.00		718.83		718.83
2623	307+09.00	-165.3	FES 42	*				700.78	
2624	305+82.40	-58.8	CB C	8	724.93	719.68			
2625	305+99.00	51.8	CB A5	24	725.15	719.66		719.66	
2626	305+51.60	-53.1	CB C	24	724.75		720.59		
2627	305+58.00	-60.8	MH A5	1-CL	724.80		719.46	719.46	720.53
2628	307+41.00	-90.6	MH A5	1-CL	723.50	713.63	719.14	713.89	716.33
2629	309+55.00	66.2	CB C	24	726.23		722.17		
2630	310+06.00	64.5	IN B	24	726.23	719.83			721.91
2631	307+00.00	-107.8	MH A5	1-CL	721.00	700.89	713.48		710.61
2632	306+87.50	-90.7	CB A4	24	725.56			721.46	
2633	306+73.43	-94.6	**						
2634	307+06.70	-77.6	MH A5	1-CL	726.35	721.36	719.21		719.21
2635	308+63.00	66.4	CB C	8	722.63				718.37
2636	307+99.00	75.4	CB C	8	724.10		719.90		

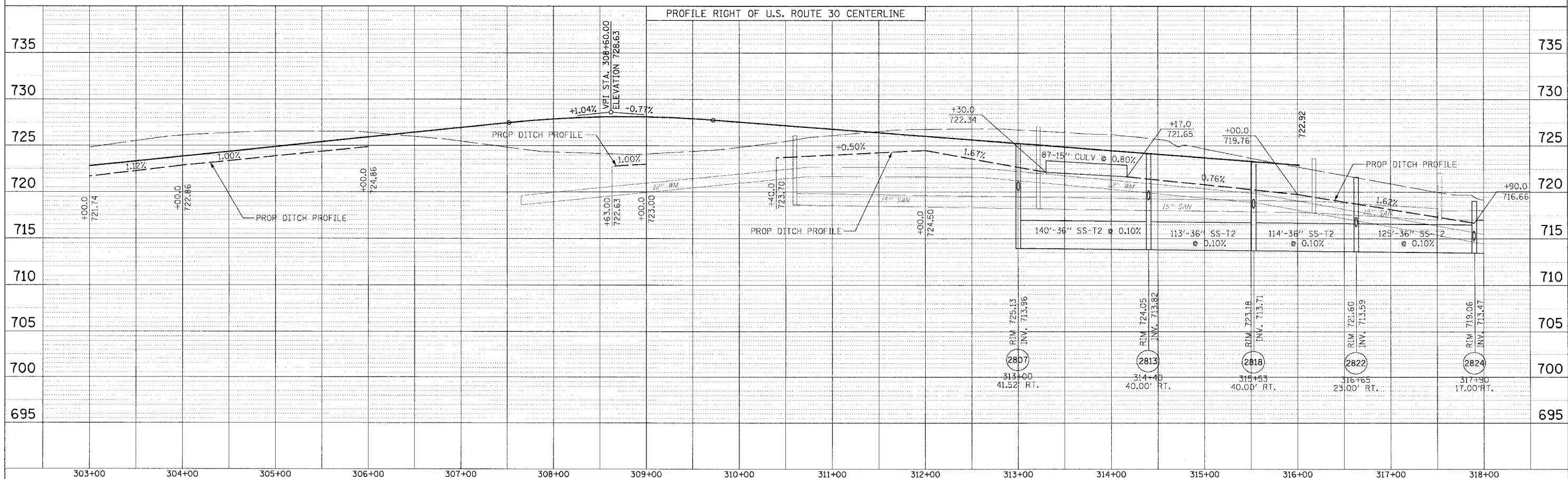
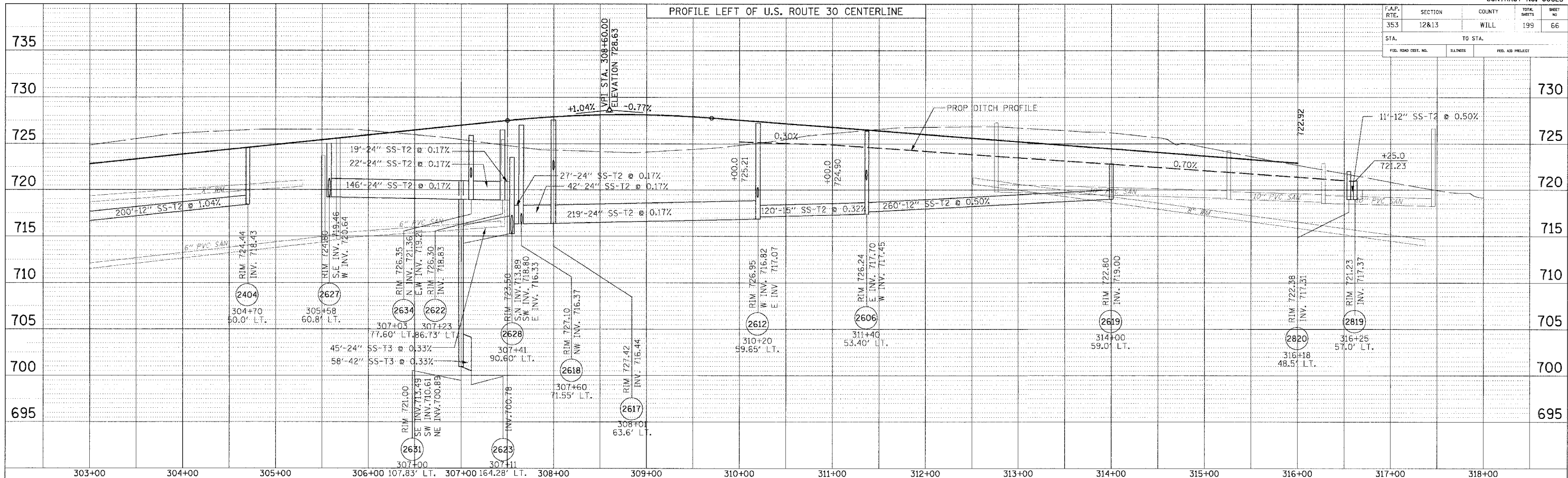
- \* SEE DETAIL 'MANHOLE WITH RESTRICTOR PLATE'
- \*\* SEE DETAIL 'DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER'

- NOTES:
- STRUCTURES TO BE CONSTRUCTED ON JACKED STORM SEWER. REMOVAL OF ANY STORM SEWER OR INSTALLATION OF ANY NEW STORM SEWER ASSOCIATED WITH THE CONSTRUCTION OF THE STRUCTURE ONTO THE JACKED PIPE SHALL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE BEING CONSTRUCTED
  - PIPE UNDERDRAINS ARE TO BE INSTALLED A MINIMUM OF 30" BELOW TOP OF PAVEMENT, AND A MINIMUM SLOPE OF 0.50%.
  - OFFSETS TO STRUCTURES ARE GIVEN AS FOLLOWS:
    - LOCATED IN CURB LINE - OFFSET TO EDGE OF PAVEMENT
    - LOCATED IN GRASS - OFFSET TO CENTER OF STRUCTURE
    - LOCATED IN PAVEMENT - OFFSET TO FUTURE EDGE OF PAVEMENT (SEE INTERSECTION DETAIL SHEETS)
    - FES - OFFSET TO END OF STORM SEWER
  - FIELD VERIFY LOCATION OF PROPOSED MANHOLE 2820 WITH LOCATION OF EXISTING STORM SEWER AND DETERMINE INVERT FOR EXISTING STORM SEWER. CHECK EXISTING INVERT FOR COMPATIBILITY WITH PROPOSED STORM SEWER SYSTEM.

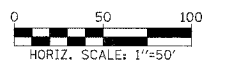
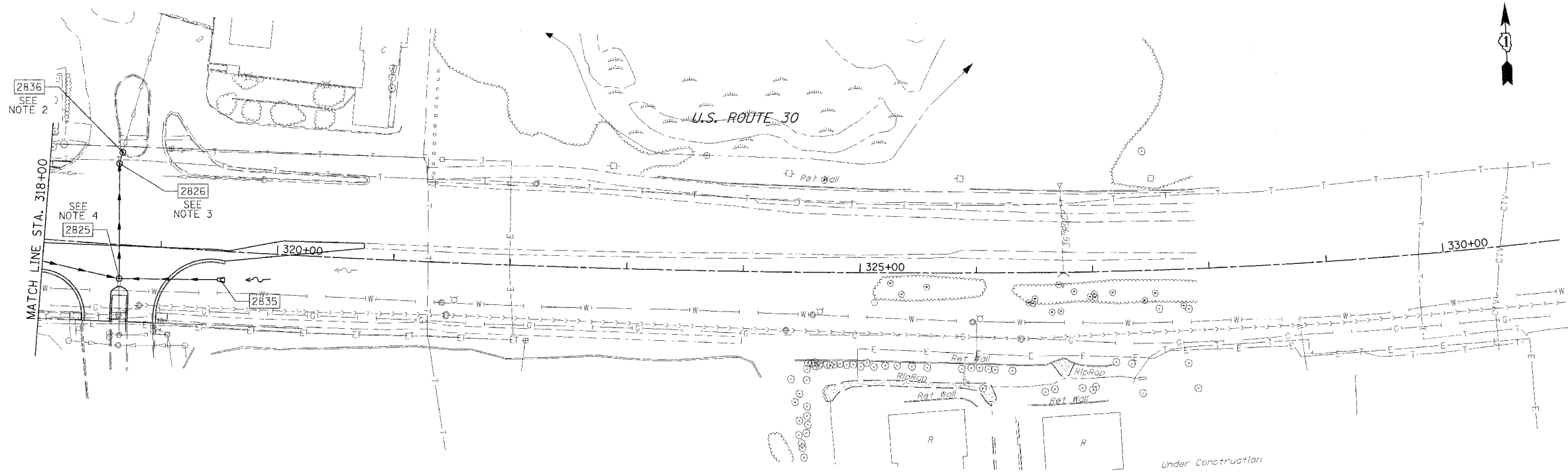
STRUCTURE TABLE (CONT.)

STR. #	STATION	OFFSET	TYPE	FRAME	RIM ELEVATION	INVERT ELEVATION			
						NORTH	EAST	SOUTH	WEST
2800	312+95.00	-36.5	CB C	24	724.79				720.63
2801	312+95.00	-4.5	IN B	24	725.15	720.47			720.47
2802	312+35.00	-0.7	IN B	24	725.59			721.35	721.35
2803	311+85.00	2.8	CB C	24	726.02			721.60	
2804	312+95.00	12.5	CB C	24	725.27	720.38			720.38
2805	312+95.00	36.5	CB A4	24	724.79	720.26			720.26
2806	312+55.00	37.3	CB C	24	725.10				

F.A.P. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12&13	WILL	199	66
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLNESS	FED. AID PROJECT		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	67
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____		
		ALIGNMENT _____		
		FED. AID PROJECT _____		



SEE FOLLOWING SHEET FOR ASSOCIATED DRAINAGE PROFILES.

PIPE TABLE

STRUCTURE		PIPE				INVERT		TRENCH BACKFILL
U. S.	D. S.	LENGTH	DIAMETER	TYPE	SLOPE (FT/FT)	U. S.	D. S.	
2824	2825	77.3	42	1	0.0009	713.47	713.40	15.4
2825	2826	98.7	54	1	0.0043	709.23	708.81	94.1
2835	2825	84.4	24	1	0.0131	714.51	713.40	12.4
2826	2836	10.0	54	1	0.0043	708.81	708.77	9.5

STRUCTURE TABLE

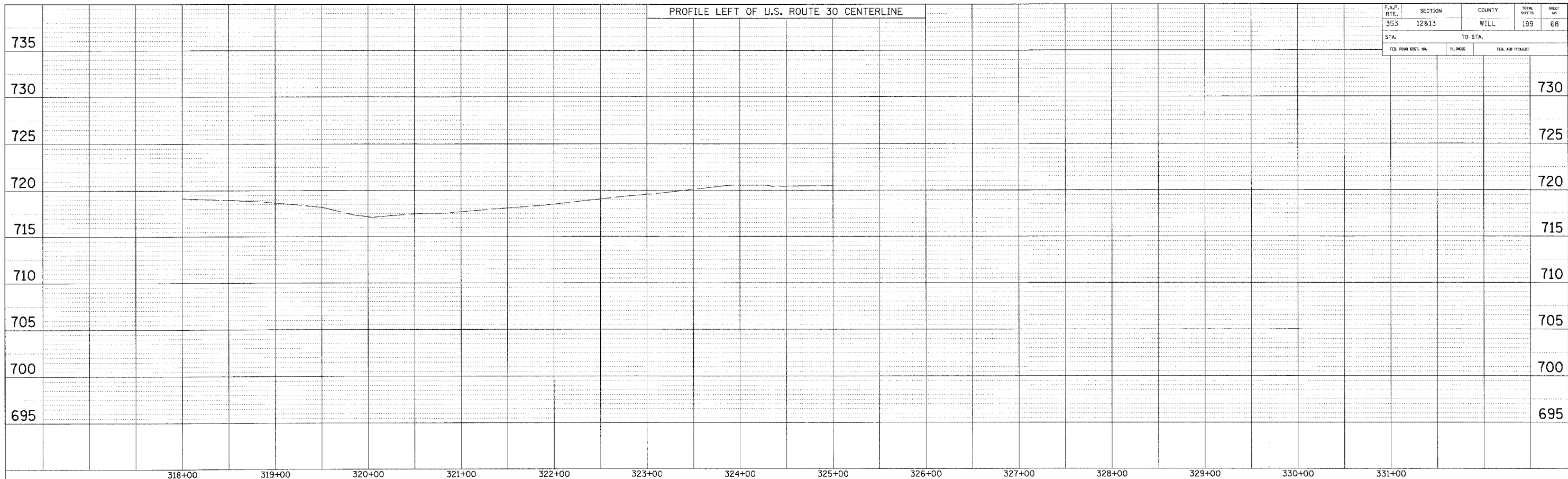
STR. #	STATION	OFFSET	TYPE	FRAME	RIM ELEVATION	INVERT ELEVATION			
						NORTH	EAST	SOUTH	WEST
2825	318+66.18	29.0	MH A6	1-CL	719.50	709.23	TBD	TBD	713.40
2826	318+59.50	-69.5	MH A6	1-OL	718.74	708.81	TBD	708.81	TBD
2835	319+50.20	24.5	FES 24						
2836	318+61.70	-79.3	RMH 6	*	718.00***	708.77	714.51	708.77	

NOTE:

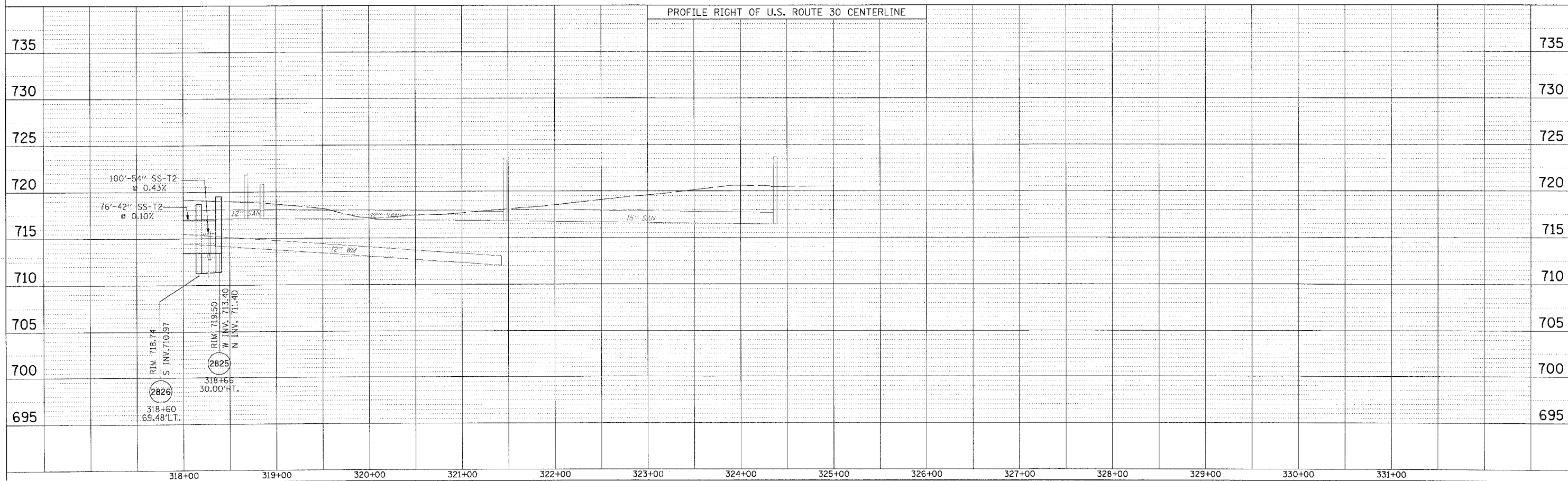
- OFFSETS TO STRUCTURES ARE GIVEN AS FOLLOWS:
  - LOCATED IN CURB LINE - OFFSET TO EDGE OF PAVEMENT
  - LOCATED IN GRASS - OFFSET TO CENTER OF STRUCTURE
  - LOCATED IN PAVEMENT - OFFSET TO FUTURE EDGE OF PAVEMENT (SEE INTERSECTION DETAIL SHEETS)
  - FES - OFFSET TO END OF STORM SEWER
- FIELD VERIFY LOCATION OF PROPOSED MANHOLE 2836 WITH LOCATION OF EXISTING STORM SEWER AND VERIFY EXISTING STORM SEWER INVERT.
- FIELD VERIFY LOCATION OF PROPOSED MANHOLE 2826 WITH LOCATION AT WHICH EXISTING STORM SEWERS ENTER THE PROPOSED STORM SEWER SYSTEM. DETERMINE INVERTS FOR EXISTING STORM SEWER AT MANHOLE 2826 AND CHECK INVERTS FOR COMPATIBILITY WITH PROPOSED STORM SEWER SYSTEM.
- FIELD VERIFY LOCATION OF PROPOSED MANHOLE 2825 WITH LOCATION OF EXISTING STORM SEWER AND DETERMINE INVERT FOR EXISTING STORM SEWER. CHECK EXISTING INVERT FOR COMPATIBILITY WITH PROPOSED STORM SEWER SYSTEM.

- \* SEE DETAIL 'MANHOLE WITH RESTRICTOR PLATE'
- \*\* SEE DETAIL 'DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER'
- \*\*\* RIM ELEVATION SHOWN IS THE RIM LOCATED IN PAVEMENT. SECOND RIM WILL BE LOCATED BEHIND THE CURB AND HAVE A RIM ELEVATION 0.50 FT HIGHER.

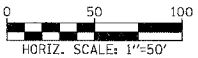
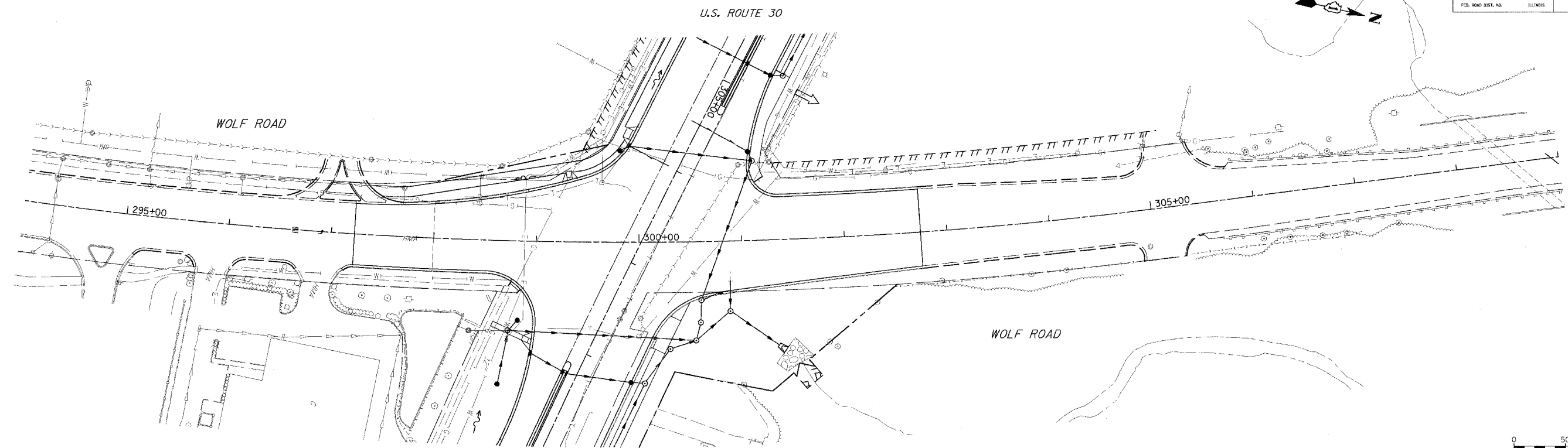
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION DRAINAGE AND UTILITIES U.S. RTE. 30 (LINCOLN HIGHWAY) STA. 318+00 TO STA. 331+00 SCALE : 1" = 50' DRAWN BY : BAE DATE : 03/21/2008 CHECKED BY : GB
NAME	DATE	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12&13	WILL	199	68
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	69
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



PIPE TABLE

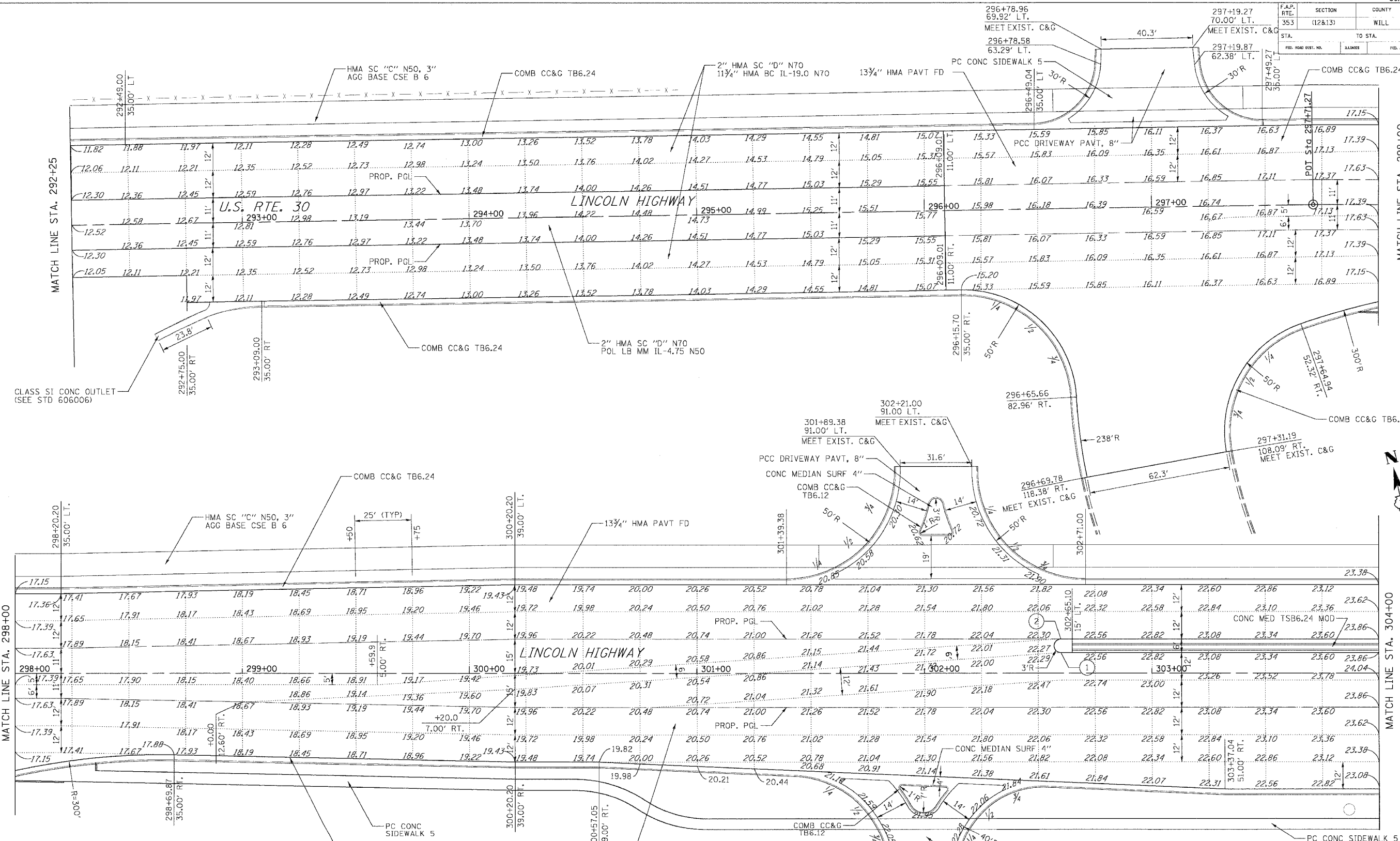
STRUCTURE		PIPE				INVERT		TRENCH BACKFILL
U. S.	D. S.	LENGTH	DIAMETER	TYPE	SLOPE (FT/FT)	U. S.	D. S.	

STRUCTURE TABLE

STR. #	STRUCTURE				RIM ELEVATION	INVERT ELEVATION			
	STATION	OFFSET	TYPE	FRAME		NORTH	EAST	SOUTH	WEST

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION DRAINAGE AND UTILITIES WOLF ROAD
NAME	DATE	
		SCALE : 1" = 50' DATE : 03/21/2008 DRAWN BY : BAE CHECKED BY : GB

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)	WILL	199	70
STA.	TO STA.		FED. AID PROJECT	
FED. ROAD DIST. NO.	ILLINOIS			



POINT	STATION	OFFSET	ELEVATION
1	302+60.00	9.00' LT	722.39
2	302+60.00	15.00' LT	722.39

NOTE: ADD 700.00 FT. TO ELEVATIONS SHOWN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAILS**  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 & WOLF ROAD

SCALE: 1" = 20'  
 DATE: 03/21/2008  
 DRAWN BY: BEC  
 CHECKED BY: G.B.

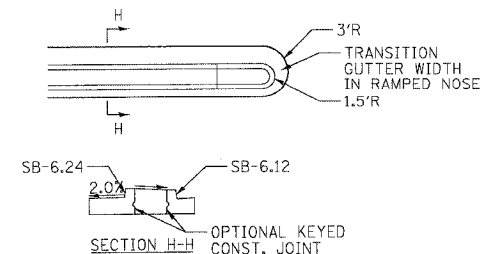
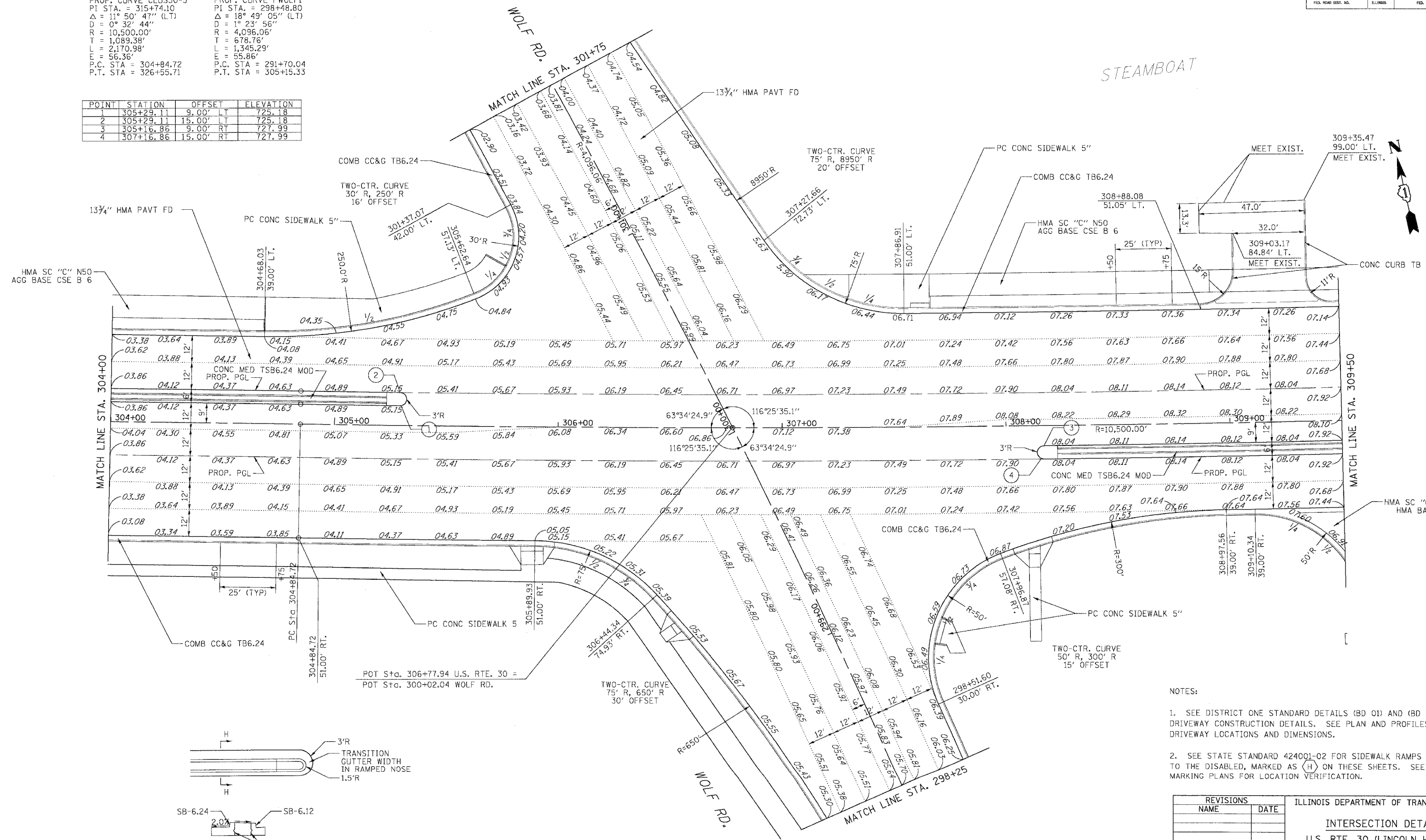


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
353	(12&13)	WILL	199	71

PROP. CURVE CLUS30-5  
 PI STA. = 315+74.10  
 Δ = 11° 50' 47" (LT)  
 D = 0° 32' 44"  
 R = 10,500.00'  
 T = 1,089.38'  
 L = 2,170.98'  
 E = 56.36'  
 P.C. STA = 304+84.72  
 P.T. STA = 326+55.71

PROP. CURVE PWOLF1  
 PI STA. = 298+48.80  
 Δ = 18° 49' 05" (LT)  
 D = 1° 23' 56"  
 R = 4,096.06'  
 T = 678.76'  
 L = 1,345.29'  
 E = 55.86'  
 P.C. STA = 291+70.04  
 P.T. STA = 305+15.33

POINT	STATION	OFFSET	ELEVATION
1	305+29.11	9.00' LT	725.18
2	305+29.11	15.00' LT	725.18
3	305+16.86	9.00' RT	727.99
4	307+16.86	15.00' RT	727.99



CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)  
 SEE STATE HIGHWAY STANDARD 606301 FOR ADDITIONAL DETAILS

NOTE: ADD 720.00 FT. TO ELEVATIONS SHOWN.

- NOTES:
- SEE DISTRICT ONE STANDARD DETAILS (BD 01) AND (BD 02) FOR DRIVEWAY CONSTRUCTION DETAILS. SEE PLAN AND PROFILES FOR DRIVEWAY LOCATIONS AND DIMENSIONS.
  - SEE STATE STANDARD 424001-02 FOR SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED, MARKED AS (H) ON THESE SHEETS. SEE PAVEMENT MARKING PLANS FOR LOCATION VERIFICATION.

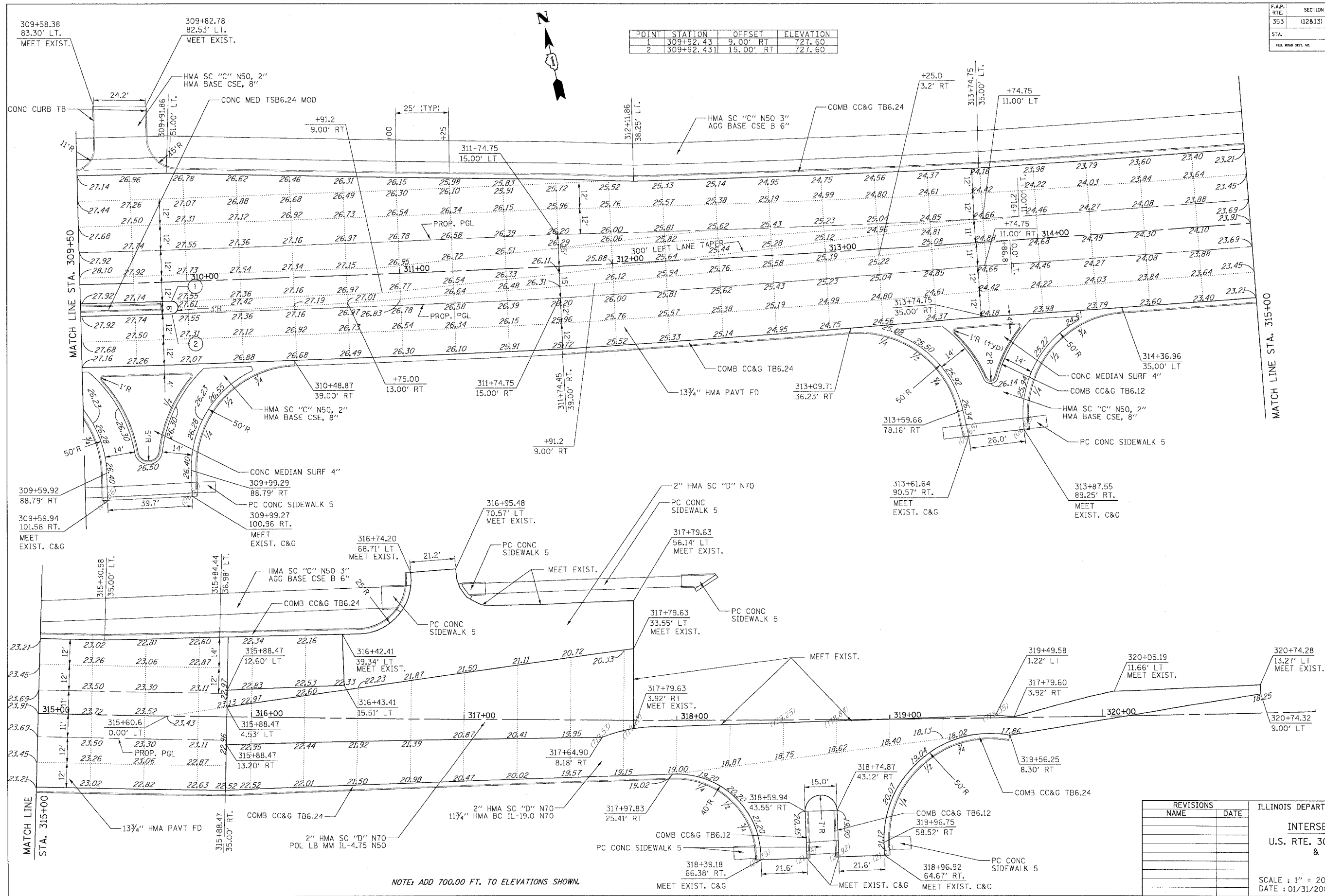
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAILS**  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 & WOLF ROAD  
 SCALE : 1" = 20'  
 DATE : 03/21/2008  
 DRAWN BY : BEC  
 CHECKED BY : G.B.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
353	(12&13)	WILL	199	72
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

POINT	STATION	OFFSET	ELEVATION
1	309+92.43	9.00' RT	727.60
2	309+92.431	15.00' RT	727.60

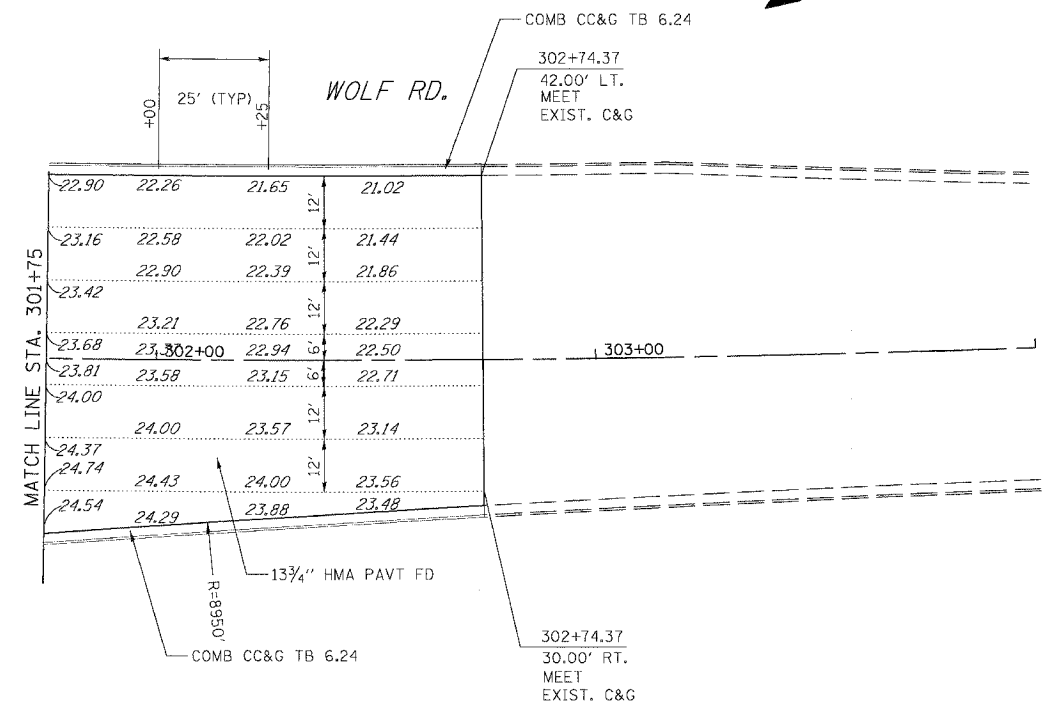
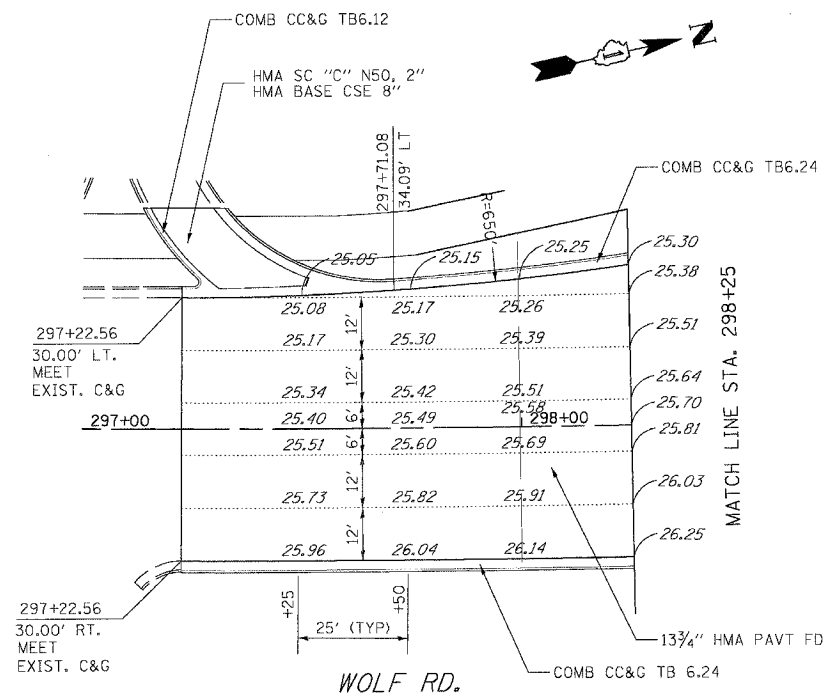
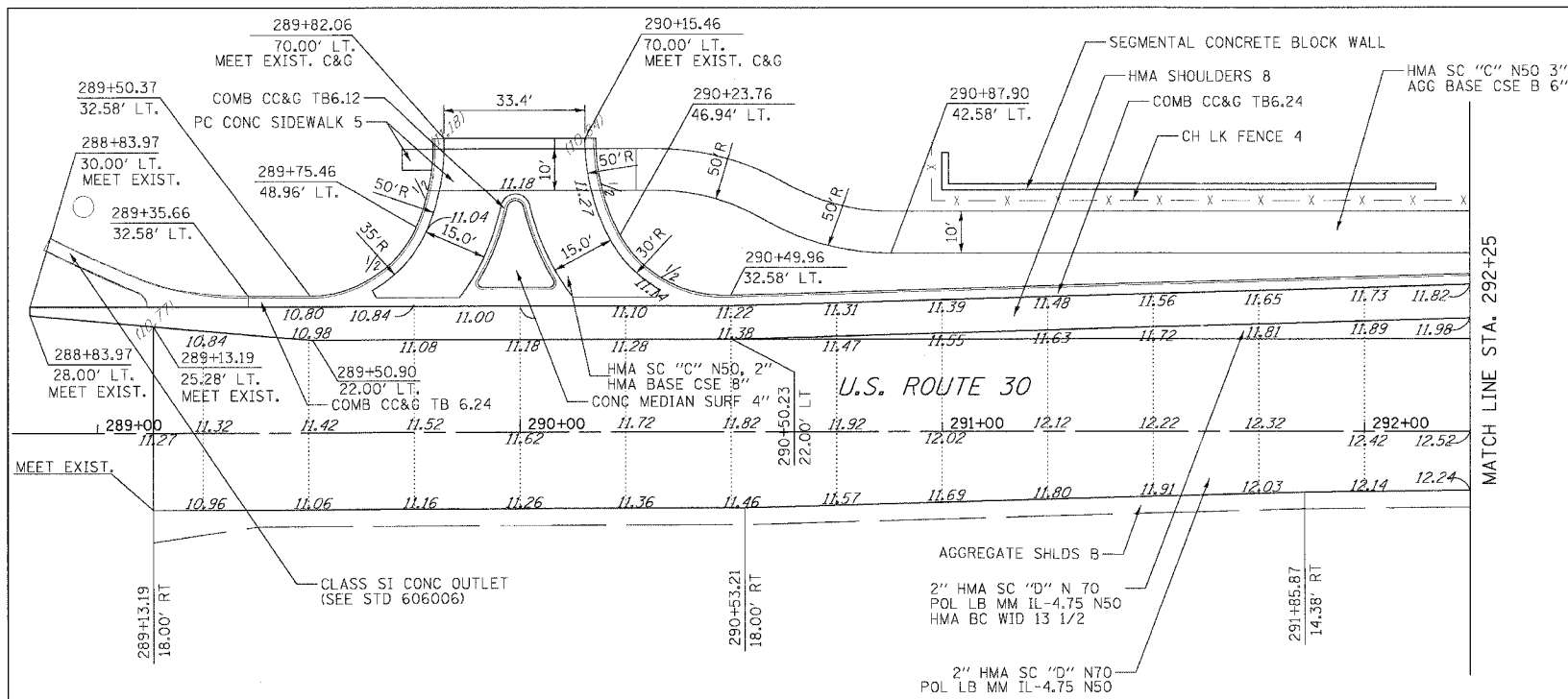


NOTE: ADD 700.00 FT. TO ELEVATIONS SHOWN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAILS**  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 & WOLF ROAD  
 SCALE : 1" = 20'  
 DATE : 01/31/2008  
 DRAWN BY : BEC  
 CHECKED BY : G.B.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)	WILL	199	73
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

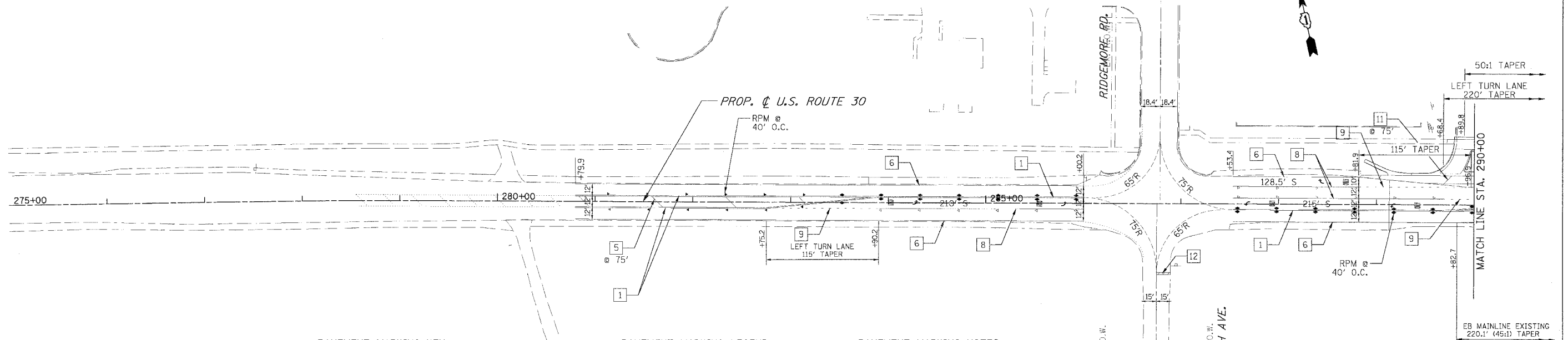


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		INTERSECTION DETAILS U.S. RTE. 30 (LINCOLN HIGHWAY) & WOLF ROAD

SCALE : 1" = 20'  
DATE : 03/21/2008  
DRAWN BY :  
CHECKED BY :

NOTE: ADD 700.00 FT. TO ELEVATIONS SHOWN.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	74
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING KEY

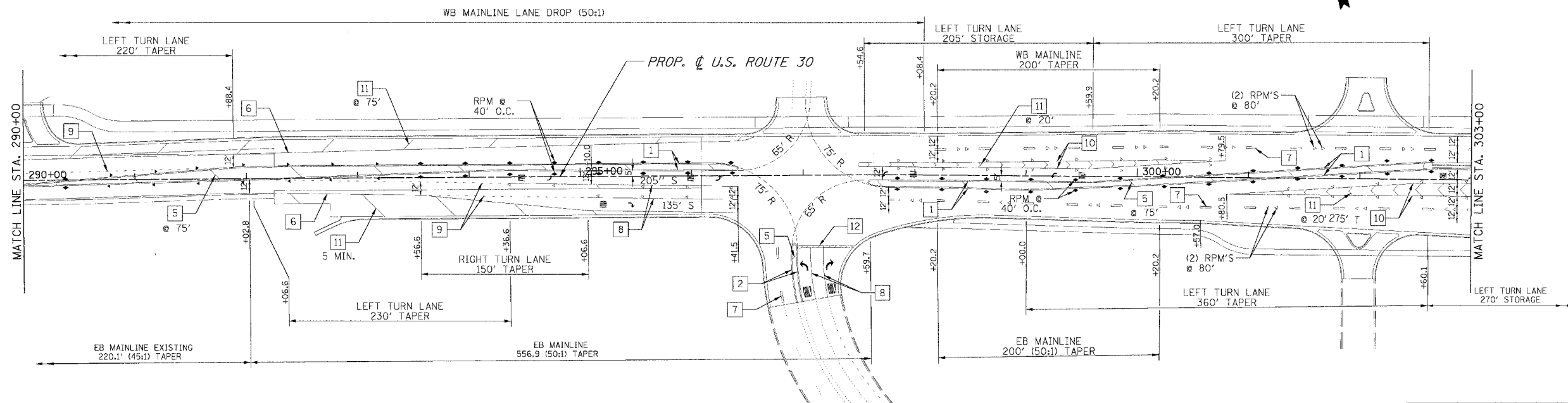
YELLOW	1	4" DOUBLE (WIDE)	WHITE	6	4" SOLID
	2	4" DOUBLE (NARROW)		7	4"- 30' SKIP/10' DASH
	3	4" SOLID		8	6" SOLID
	4	4"- 30' SKIP/10' DASH		9	6"- 6' SKIP/2' DASH
	5	12" DIAGONALS @ 45°		10	8" SOLID
			11	12" SOLID @ 45°	
			12	24" STOP BAR	

PAVEMENT MARKING LEGEND

- ☐ LETTERS AND SYMBOLS
- ▶ RAISED PAVEMENT MARKER (RPM), ONE-WAY CRYSTAL
- ▶ RAISED PAVEMENT MARKER (RPM), ONE-WAY AMBER
- ◆ RAISED PAVEMENT MARKER (RPM), TWO-WAY AMBER
- 240' T LENGTH OF TAPER

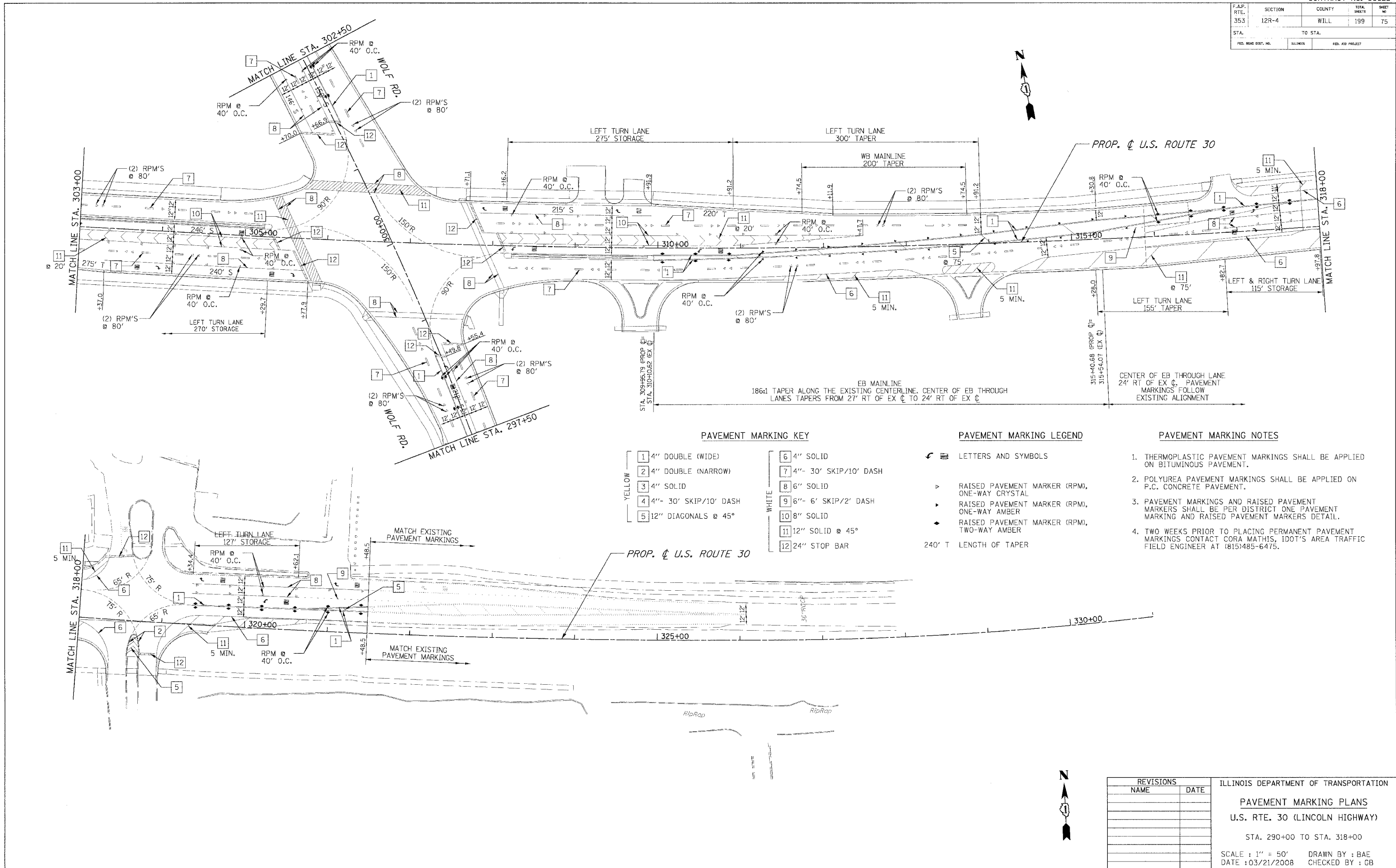
PAVEMENT MARKING NOTES

1. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE APPLIED ON BITUMINOUS PAVEMENT.
2. POLYUREA PAVEMENT MARKINGS SHALL BE APPLIED ON P.C. CONCRETE PAVEMENT.
3. PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS SHALL BE PER DISTRICT ONE PAVEMENT MARKING AND RAISED PAVEMENT MARKERS DETAIL.
4. TWO WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS CONTACT CORA MATHIS, IDOT'S AREA TRAFFIC FIELD ENGINEER AT (815)485-6475.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PAVEMENT MARKING PLANS U.S. RTE. 30 (LINCOLN HIGHWAY) STA. 260+00 TO STA. 290+00 SCALE : 1" = 50'      DRAWN BY : BAE DATE : 03/21/2008      CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	75
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING KEY

- |        |    |                        |
|--------|----|------------------------|
| YELLOW | 1  | 4" DOUBLE (WIDE)       |
|        | 2  | 4" DOUBLE (NARROW)     |
|        | 3  | 4" SOLID               |
|        | 4  | 4" - 30' SKIP/10' DASH |
|        | 5  | 12" DIAGONALS @ 45°    |
| WHITE  | 6  | 4" SOLID               |
|        | 7  | 4" - 30' SKIP/10' DASH |
|        | 8  | 6" SOLID               |
|        | 9  | 6" - 6' SKIP/2' DASH   |
|        | 10 | 8" SOLID               |
|        | 11 | 12" SOLID @ 45°        |
|        | 12 | 24" STOP BAR           |

PAVEMENT MARKING LEGEND

- LETTERS AND SYMBOLS
- RAISED PAVEMENT MARKER (RPM), ONE-WAY CRYSTAL
- RAISED PAVEMENT MARKER (RPM), ONE-WAY AMBER
- RAISED PAVEMENT MARKER (RPM), TWO-WAY AMBER
- 240' T LENGTH OF TAPER

PAVEMENT MARKING NOTES

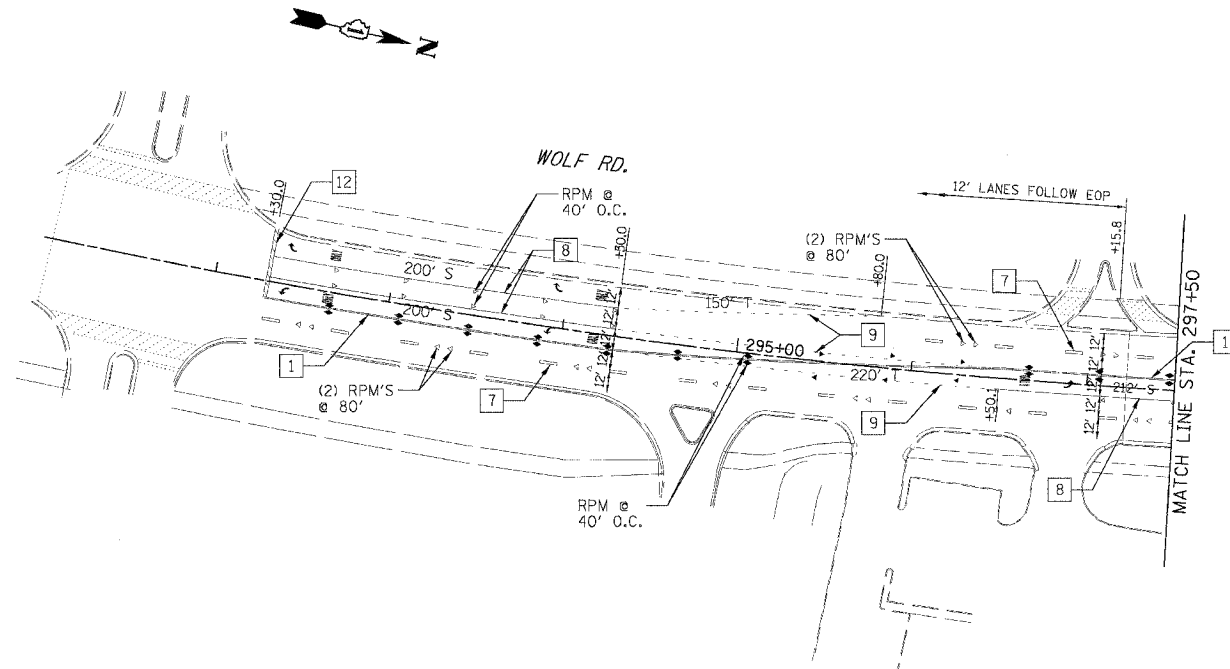
1. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE APPLIED ON BITUMINOUS PAVEMENT.
2. POLYUREA PAVEMENT MARKINGS SHALL BE APPLIED ON P.C. CONCRETE PAVEMENT.
3. PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS SHALL BE PER DISTRICT ONE PAVEMENT MARKING AND RAISED PAVEMENT MARKERS DETAIL.
4. TWO WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS CONTACT CORA MATHIS, IDOT'S AREA TRAFFIC FIELD ENGINEER AT (815)485-6475.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PAVEMENT MARKING PLANS  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 290+00 TO STA. 318+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	76
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**PAVEMENT MARKING KEY**

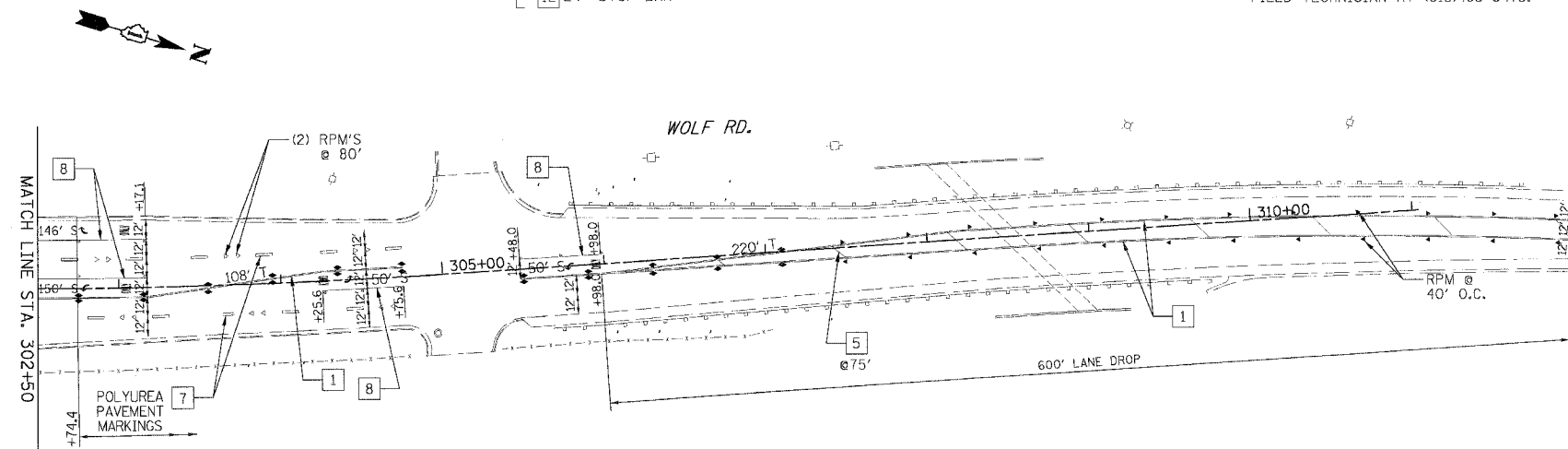
YELLOW	1	4" DOUBLE (WIDE)	WHITE	6	4" SOLID
	2	4" DOUBLE (NARROW)		7	4"- 30' SKIP/10' DASH
	3	4" SOLID		8	6" SOLID
	4	4"- 30' SKIP/10' DASH		9	6"- 6' SKIP/2' DASH
	5	12" DIAGONALS @ 45°		10	8" SOLID
			11	12" SOLID @ 45°	
			12	24" STOP BAR	

**PAVEMENT MARKING LEGEND**

- ☐ LETTERS AND SYMBOLS
- ▶ RAISED PAVEMENT MARKER (RPM), ONE-WAY CRYSTAL
- ▶ RAISED PAVEMENT MARKER (RPM), ONE-WAY AMBER
- ◆ RAISED PAVEMENT MARKER (RPM), TWO-WAY AMBER
- 240' T LENGTH OF TAPER

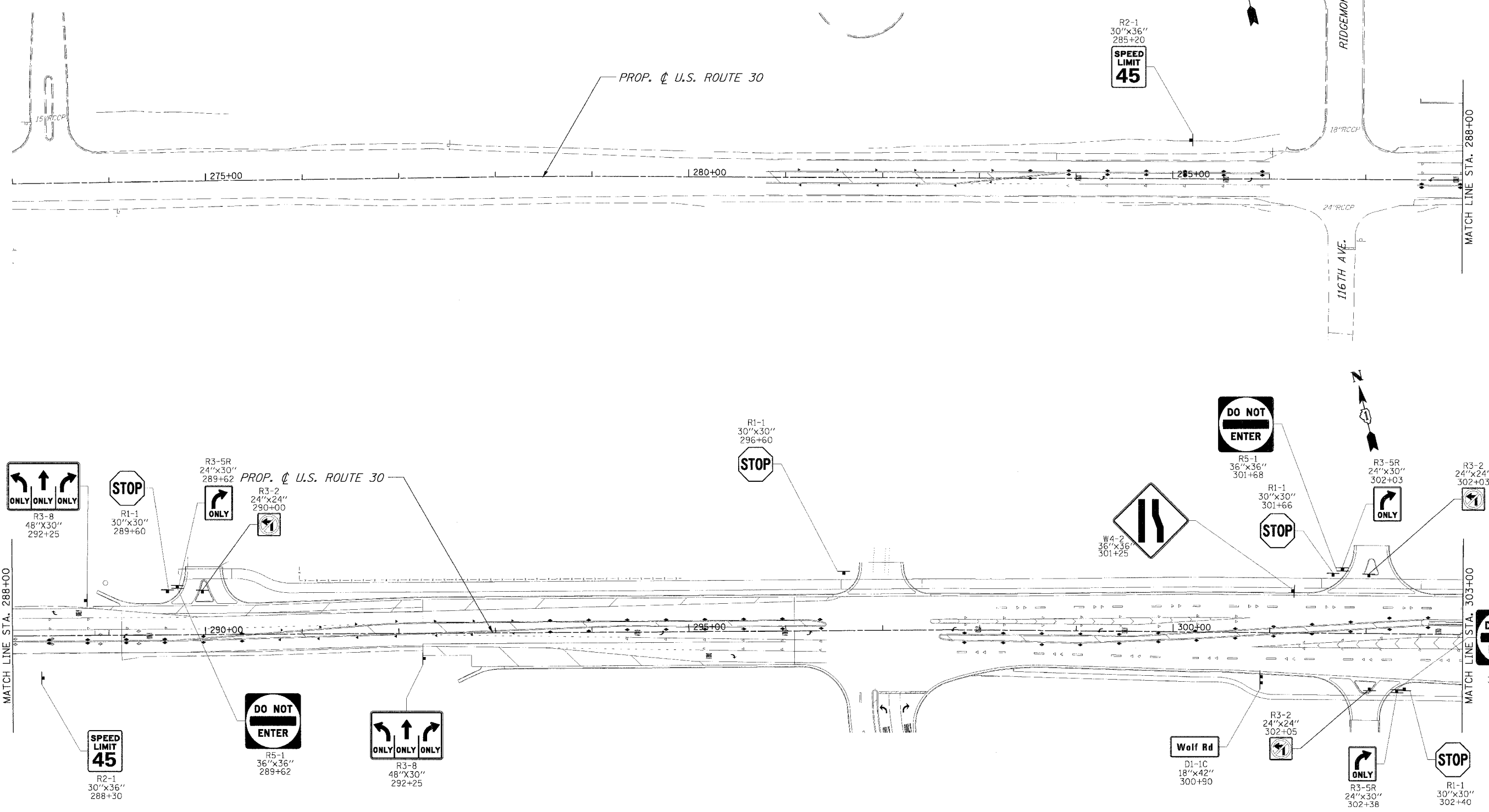
**PAVEMENT MARKING NOTES**

1. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE APPLIED ON BITUMINOUS PAVEMENT.
2. POLYUREA PAVEMENT MARKINGS SHALL BE APPLIED ON P.C. CONCRETE PAVEMENT.
3. PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS SHALL BE PER DISTRICT ONE PAVEMENT MARKING AND RAISED PAVEMENT MARKERS DETAIL.
4. TWO WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS CONTACT CORA MATHIS, IDOT'S AREA TRAFFIC FIELD TECHNICIAN AT (815)485-6475.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>PAVEMENT MARKING PLANS</b> U.S. RTE. 30 (LINCOLN HIGHWAY)  WOLF RD.  SCALE : 1" = 50'      DRAWN BY : BAE DATE : 03/21/2008      CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
353	12R-4	WILL	199	77
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



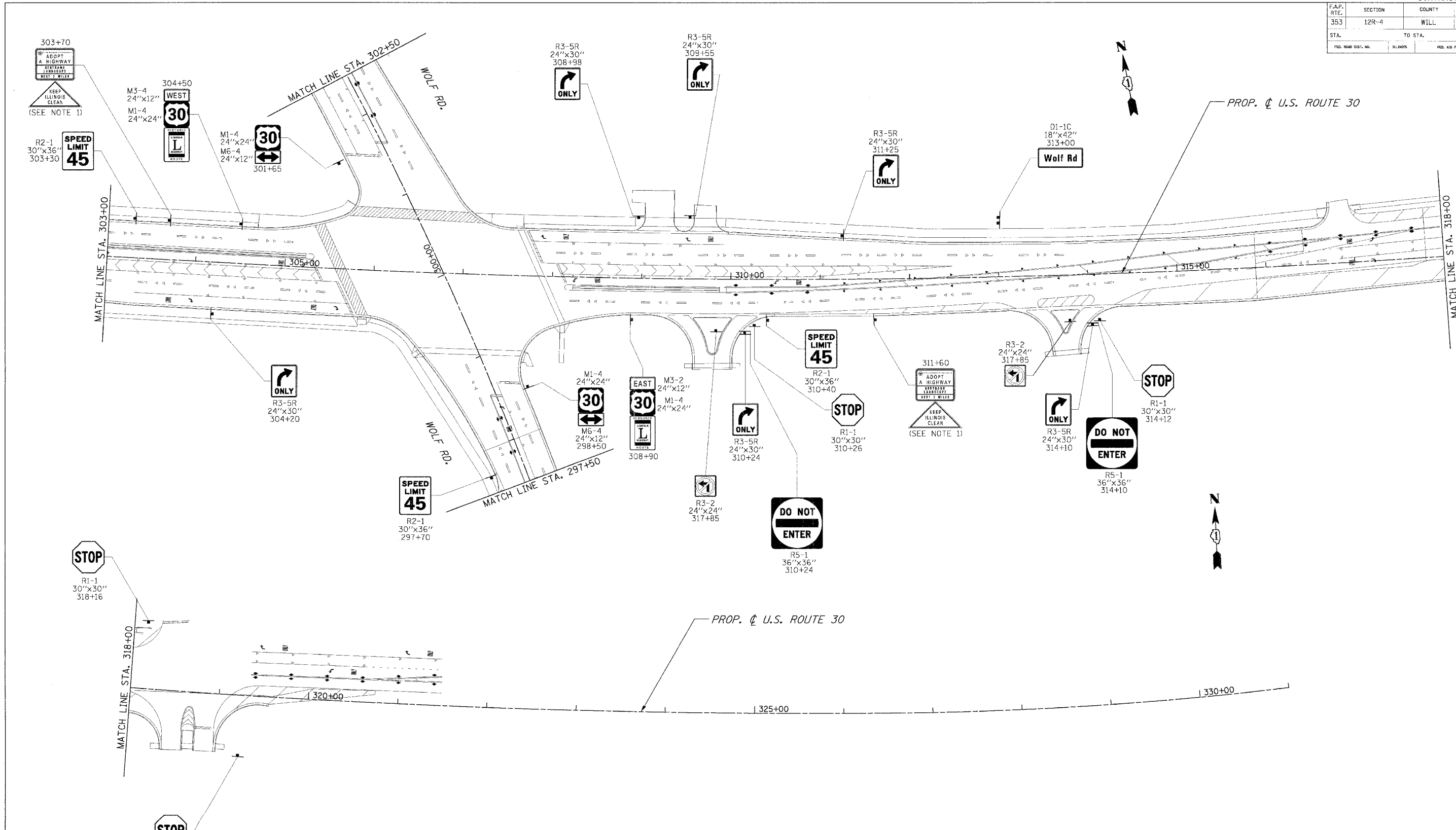
- NOTES:**
- EXISTING SIGN TO BE RELOCATED PER ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
  - EXISTING SIGNS ENCOUNTERED THAT ARE NOT SHOWN IN THE PLAN SHALL BE RELOCATED PER ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS OR REMOVED AS DIRECTED BY THE ENGINEER.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>SIGNING PLANS</b> U.S. RTE. 30 (LINCOLN HIGHWAY) STA. 275+00 TO STA. 303+00 SCALE : 1" = 50' DATE : 03/21/2008

DRAWN BY : BAE  
CHECKED BY : GB



F.A.P. RTEL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	78
STA.		TO STA.		
FED. ROAD DIST. NO.		MILEPOSTS		FED. AID PROJECT

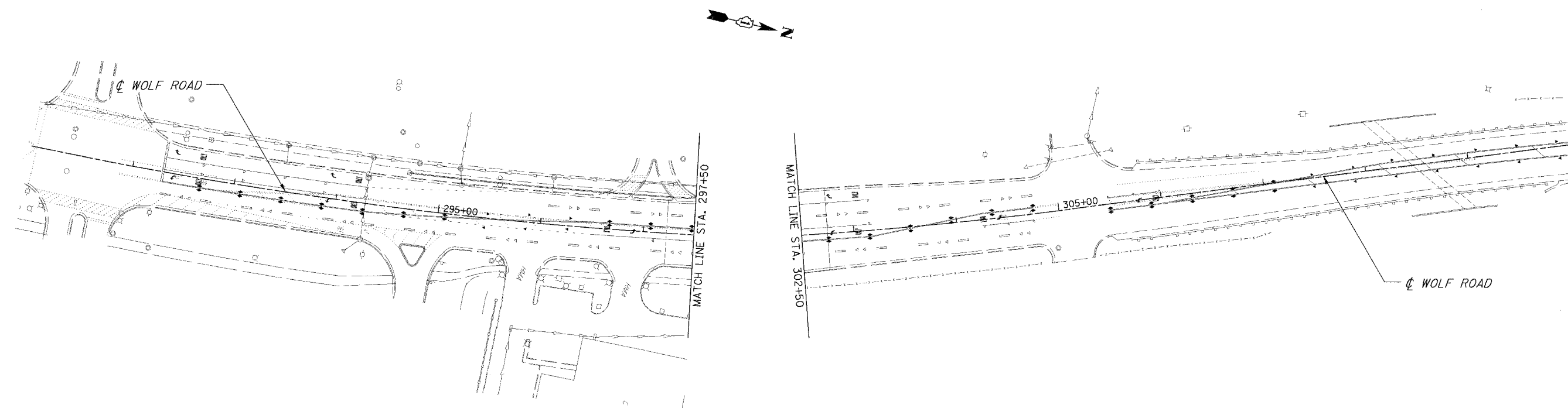


- NOTES:
- EXISTING SIGN TO BE RELOCATED PER ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
  - EXISTING SIGNS ENCOUNTERED THAT ARE NOT SHOWN IN THE PLAN SHALL BE RELOCATED PER ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS OR REMOVED AS DIRECTED BY THE ENGINEER.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>SIGNING PLANS</b> U.S. RTE. 30 (LINCOLN HIGHWAY) STA. 303+00 TO STA. 331+00 SCALE : 1" = 50' DATE : 03/21/2008 DRAWN BY : BAE CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)	WILL	199	79
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

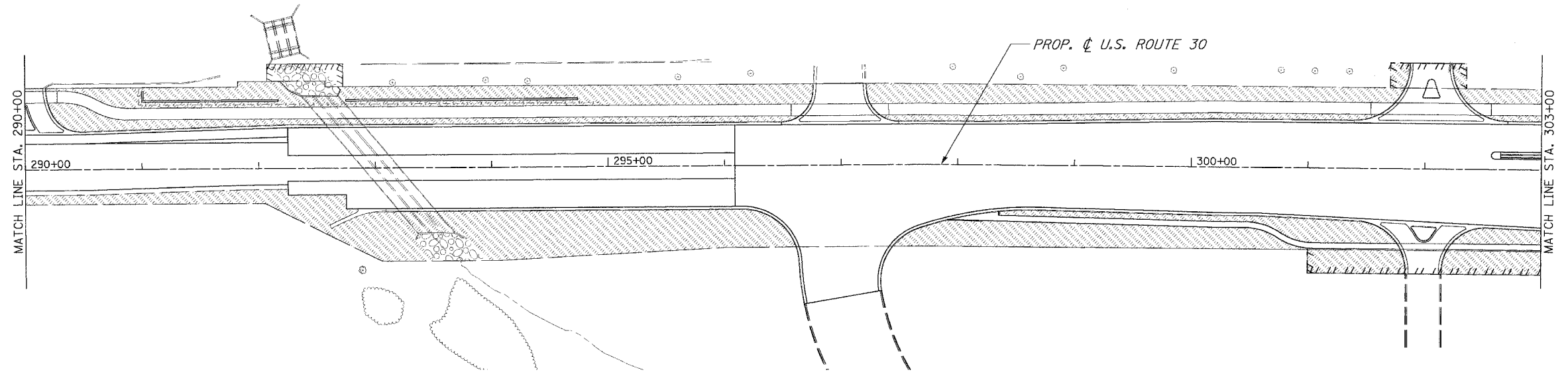
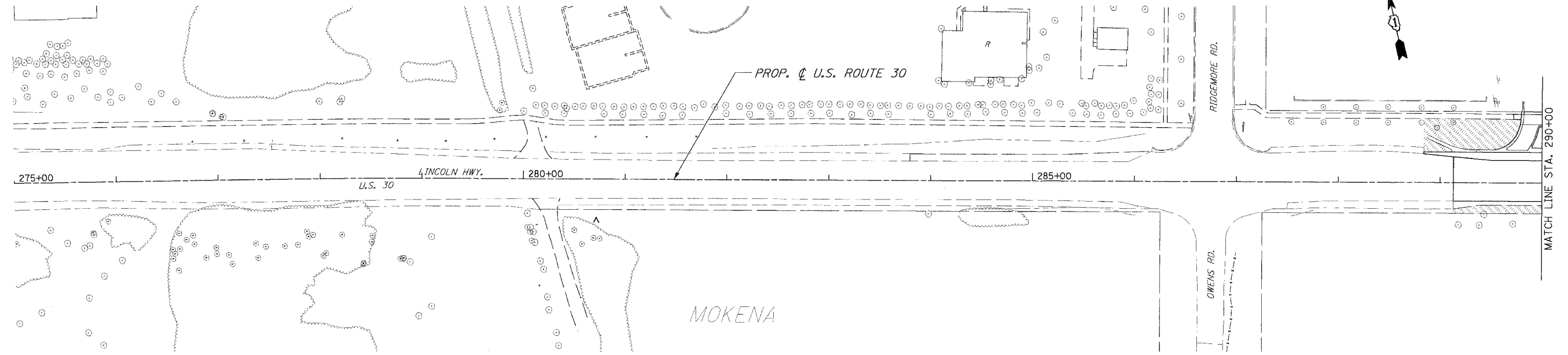



- NOTES:
- EXISTING SIGN TO BE RELOCATED PER ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
  - EXISTING SIGNS ENCOUNTERED THAT ARE NOT SHOWN IN THE PLAN SHALL BE RELOCATED PER ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS OR REMOVED AS DIRECTED BY THE ENGINEER.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SIGNING PLANS WOLF ROAD STA. _____ TO STA. _____ SCALE : 1" = 50'      DRAWN BY : BAE DATE : 03/21/2008      CHECKED BY : CB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL.	199	80
STA.		TO STA.		
FED. ROAD DIST. NO.		SLIPMENTS		FED. AID PROJECT

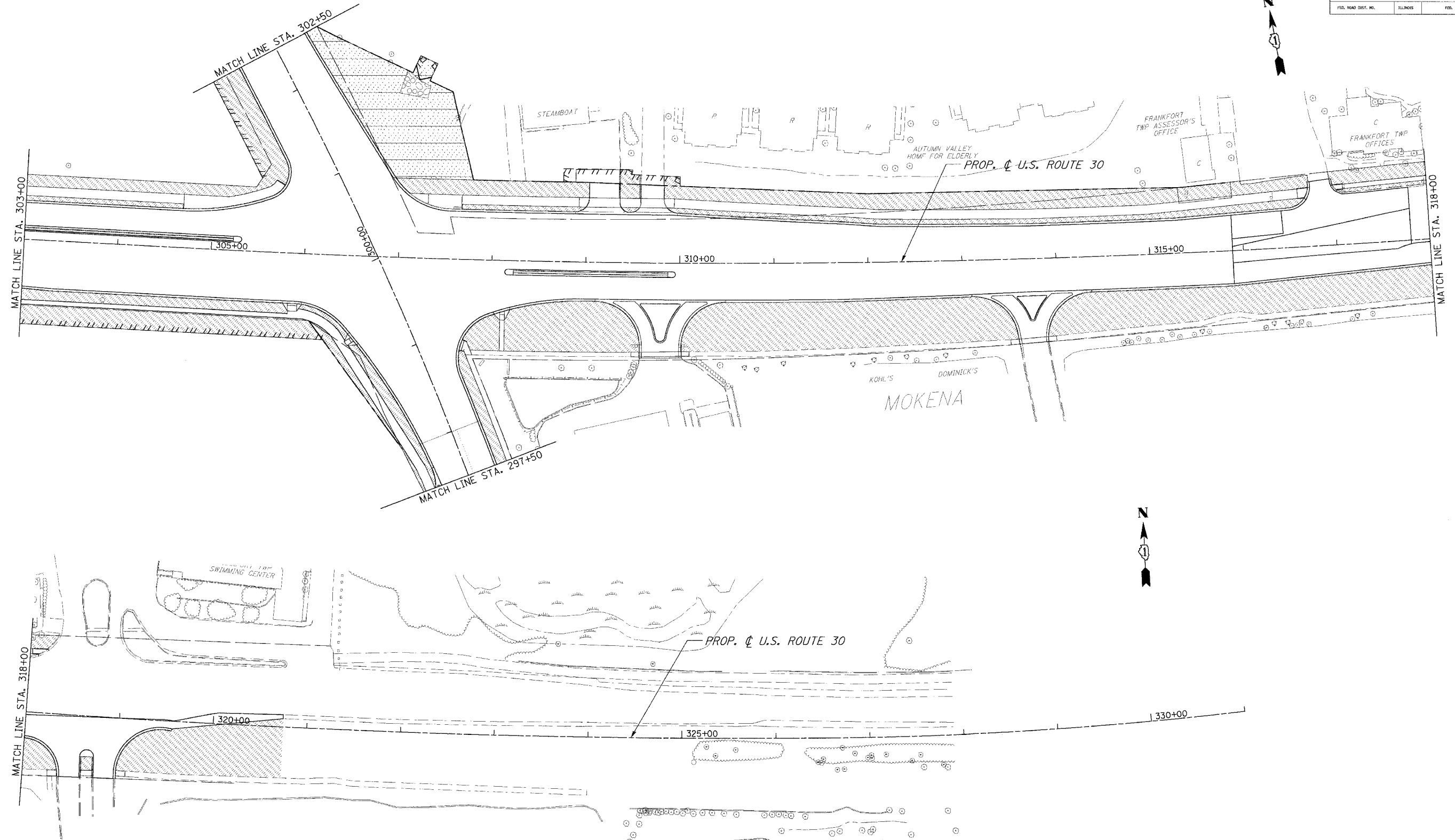


LEGEND  
 SODDING



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 LANDSCAPE PLAN  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 275+00 TO STA. 303+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	81
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		
		FED. AID PROJECT		



LEGEND

-  SEEDING, CLASS 4
-  SODDING

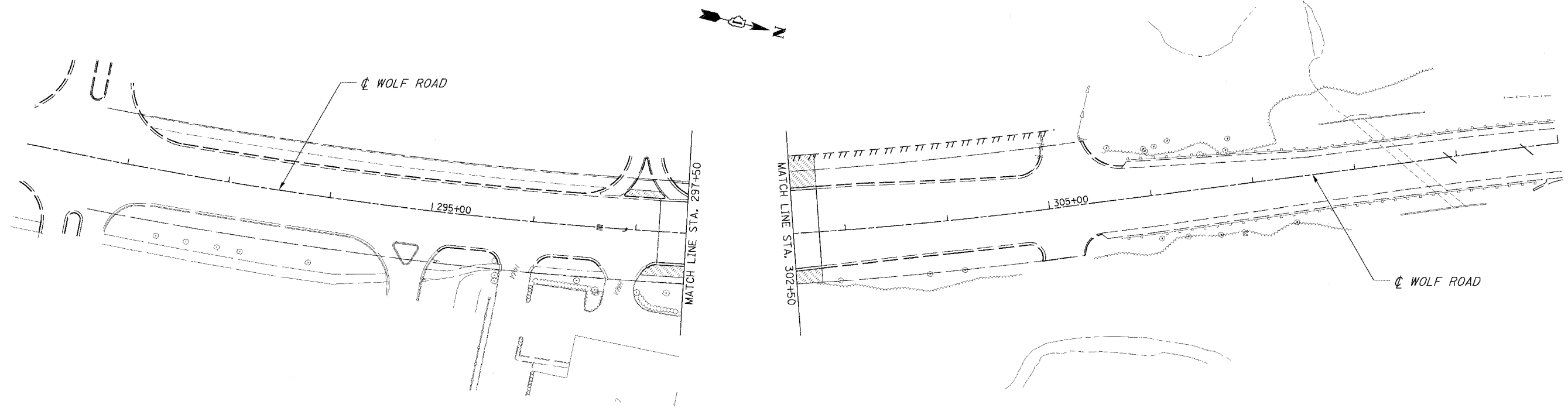
NOTE:

1. EROSION CONTROL BLANKET AND COMPOST FURNISH AND PLACE, 4" TO BE USED WITH ALL SEEDING.

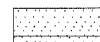

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LANDSCAPE PLAN**  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 303+00 TO STA. 331+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	82
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

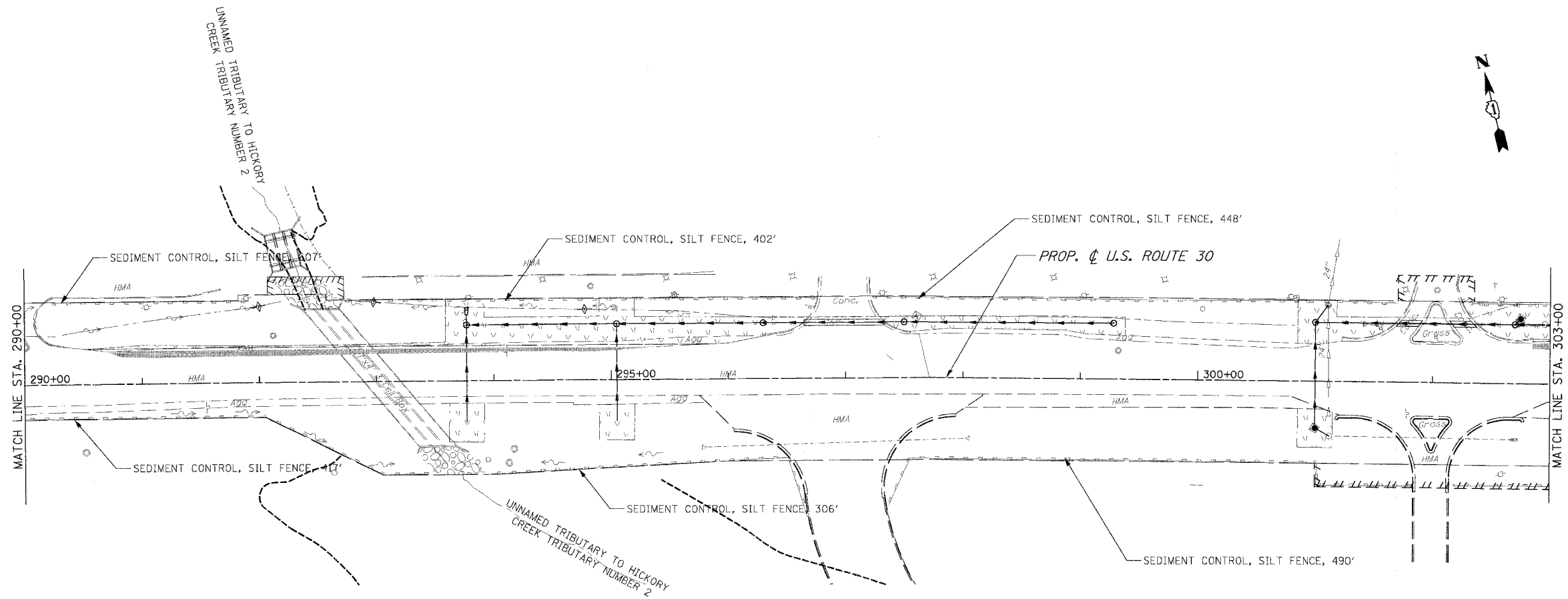
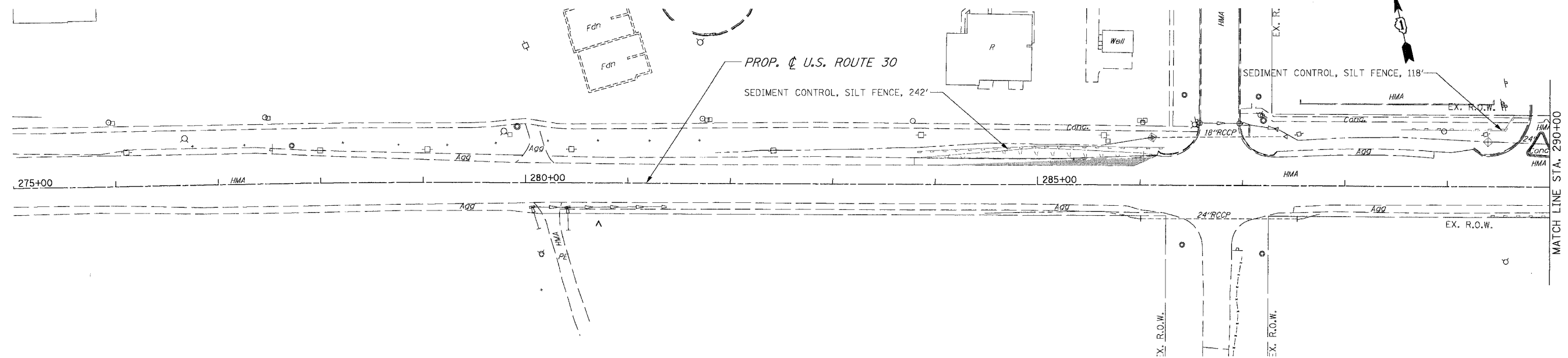
-  SEEDING, CLASS 4
-  SODDING

NOTE:

1. EROSION CONTROL BLANKET AND COMPOST FURNISH AND PLACE TO BE USED WITH ALL SEEDING.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		LANDSCAPE PLAN WOLF ROAD STA. _____ TO STA. _____ SCALE : 1" = 50' DATE : 03/21/2008
DRAWN BY : BAE CHECKED BY : GB		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	83
STA.		TO STA.		
275+00		290+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



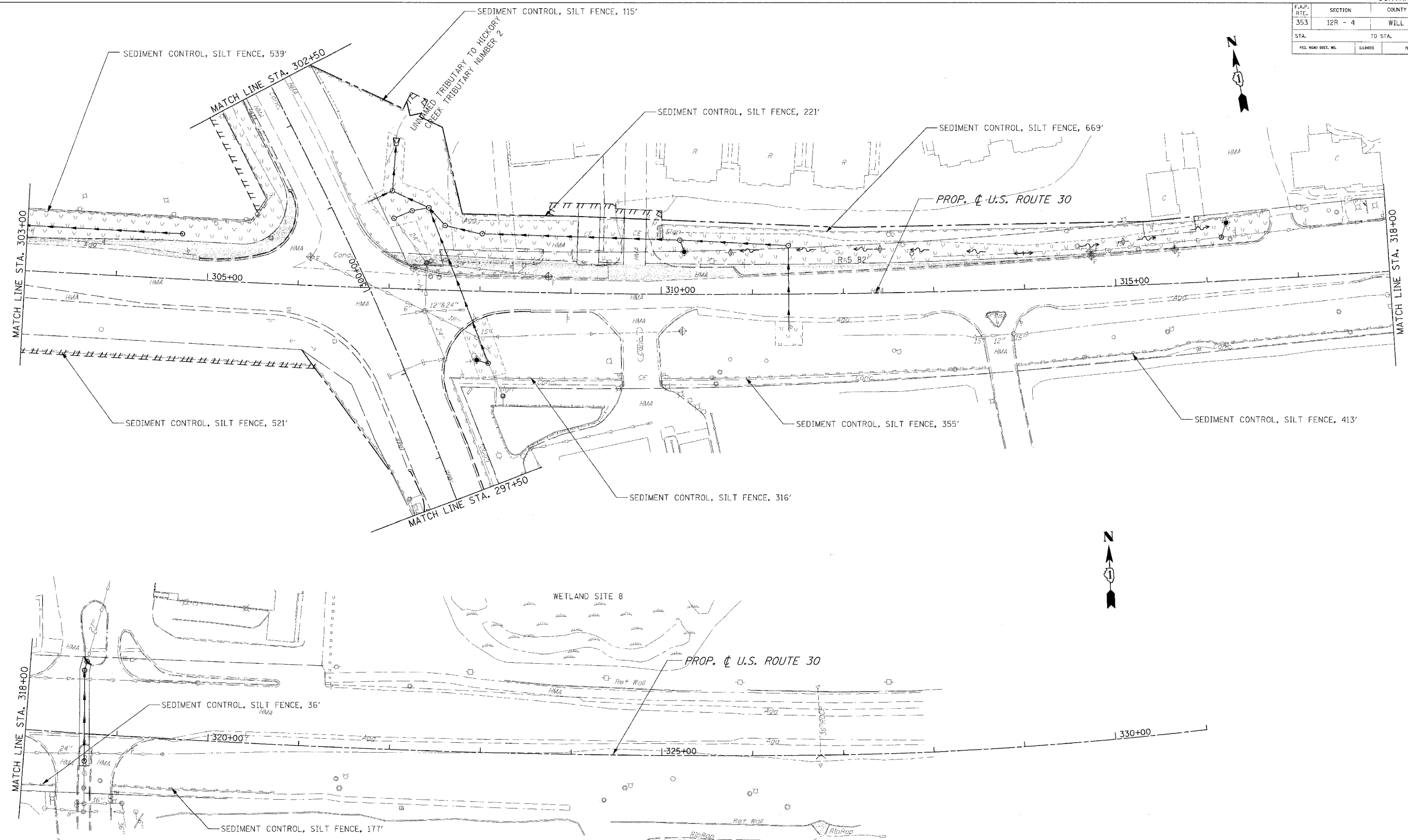
- EROSION CONTROL SYMBOLS
- PERIMETER EROSION BARRIER
  - ⊕ INLET AND PIPE PROTECTION
  - ⊕ INLET FILTER
  - ⊕ TEMPORARY DITCH CHECK
  - ⊕ TEMPORARY EROSION CONTROL SEEDING
  - ⊕ RIPRAP

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>EROSION CONTROL PLAN</b> PRE-STAGE 1 U.S. RTE. 30 (LINCOLN HIGHWAY) STA. 275+00 TO STA. 303+00 SCALE : 1" = 50' DATE : 03/21/2008

DRAWN BY : BAE  
CHECKED BY : GB



F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	84
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

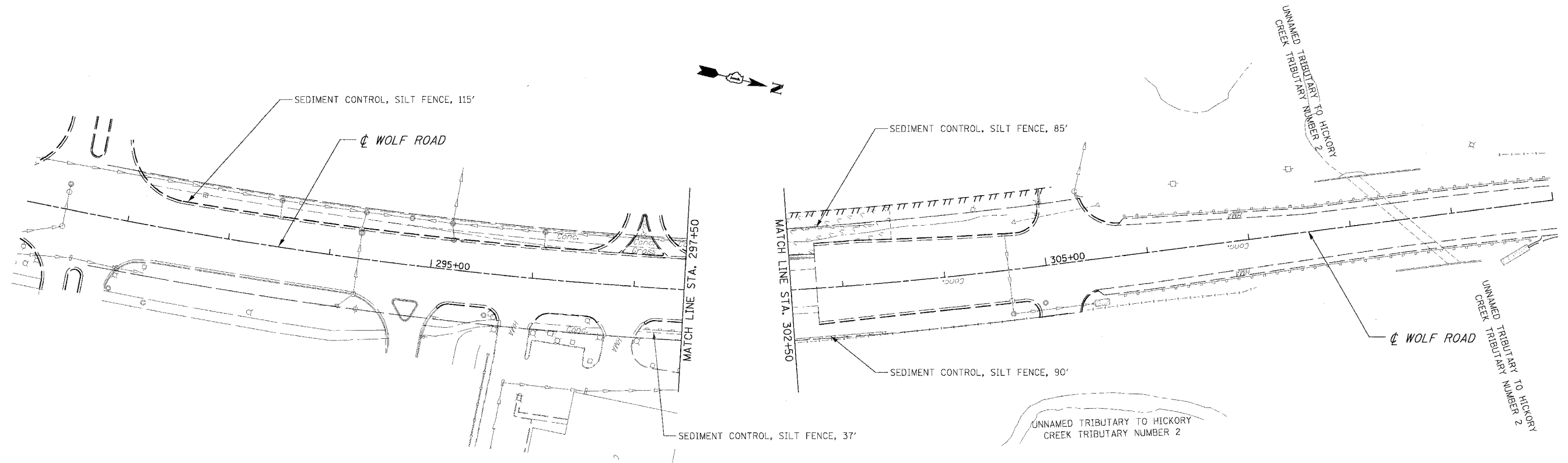


- EROSION CONTROL SYMBOLS**
- PERIMETER EROSION BARRIER
  - ⊕ INLET AND PIPE PROTECTION
  - ⊕ INLET FILTER
  - ⊕ TEMPORARY DITCH CHECK
  - ⊕ TEMPORARY EROSION CONTROL SEEDING
  - ⊕ RIPRAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 PRE-STAGE 1  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 303+00 TO STA. 331+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	85
STA.		TO STA.		
FED. ROAD DIST. NO.	ALIGN.	FED. AID PROJECT		



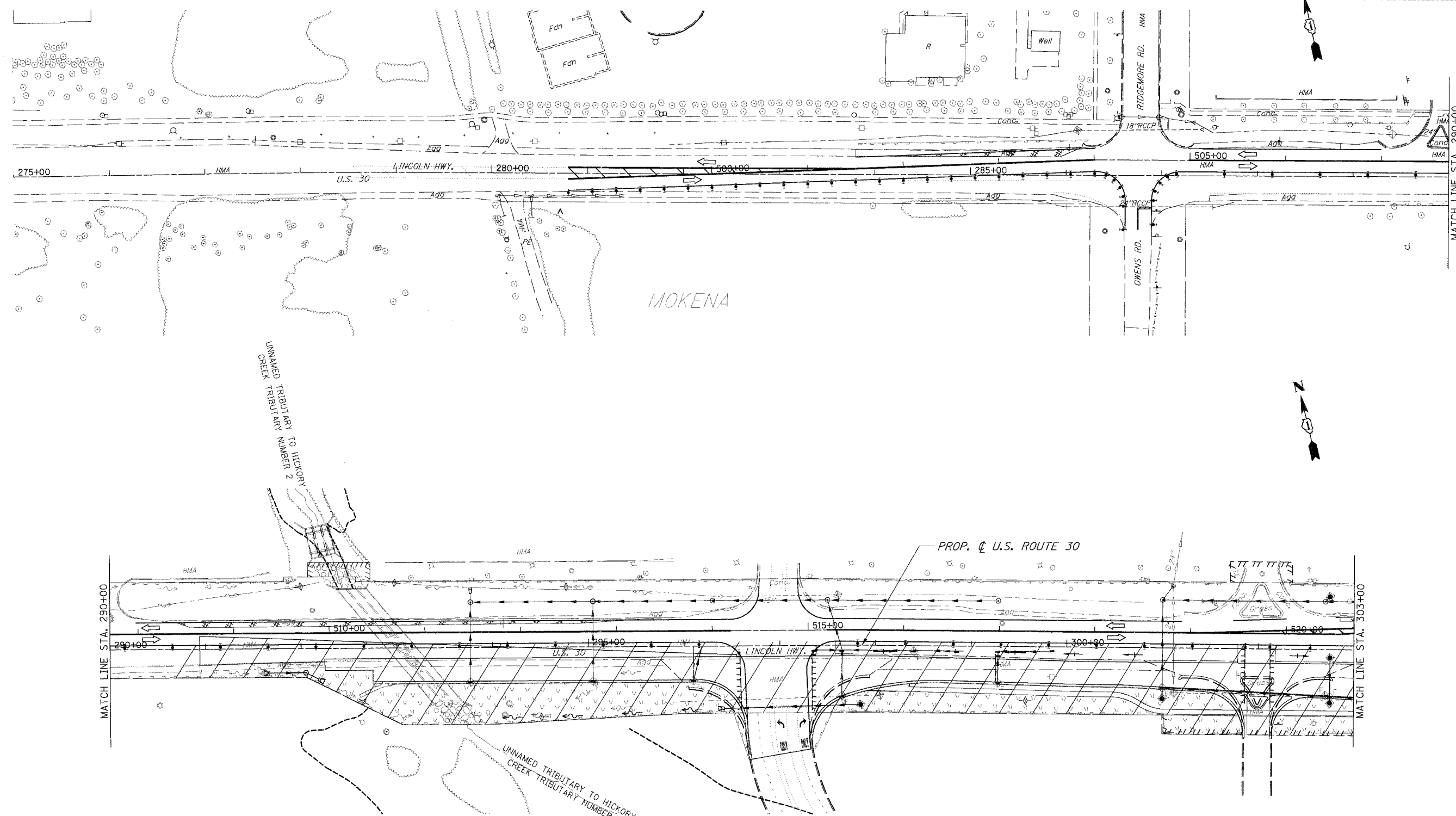
EROSION CONTROL SYMBOLS

- PERIMETER EROSION BARRIER
- ⊕ INLET AND PIPE PROTECTION
- ⊕ INLET FILTER
- ⊕ TEMPORARY DITCH CHECK
- ⊠ TEMPORARY EROSION CONTROL SEEDING
- ⊠ RIPRAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 PRE-STAGE 1  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. \_\_\_\_\_ TO STA. \_\_\_\_\_  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB

F.A.P. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	86
STA.	TO STA.			
FED. ROAD DIST. NO.	ST. MILES	FED. AID PROJECT		



**EROSION CONTROL SYMBOLS**

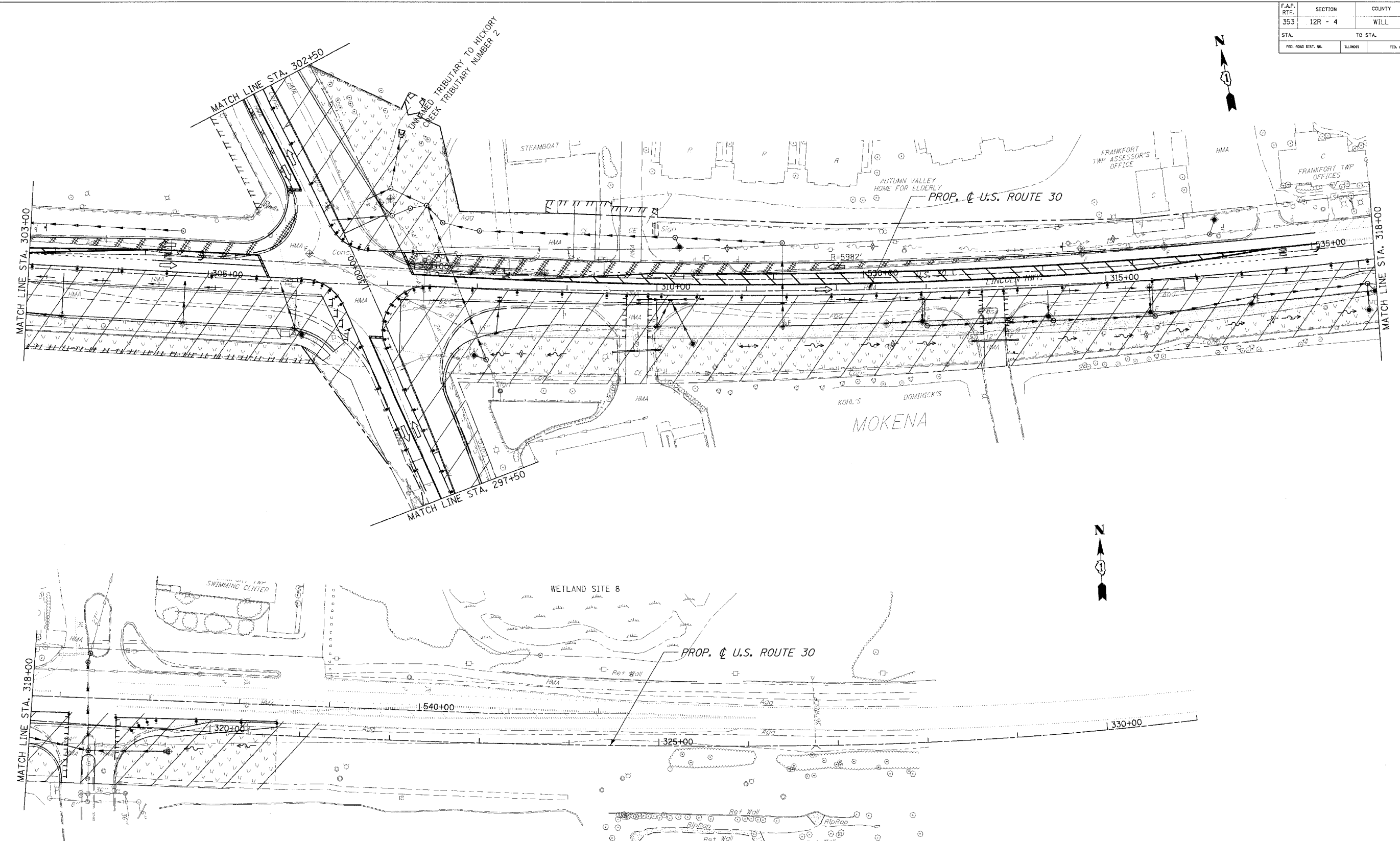
- PERIMETER EROSION BARRIER
- ⊕ INLET AND PIPE PROTECTION
- ⊕ INLET FILTER
- ⊕ TEMPORARY DITCH CHECK
- ▨ TEMPORARY EROSION CONTROL SEEDING
- ▨ RIPRAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 STAGE I  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 275+00 TO STA. 303+00  
 SCALE: 1" = 50'  
 DATE: 03/21/2008  
 DRAWN BY: BAE  
 CHECKED BY: GB



F.A.P. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	87
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**EROSION CONTROL SYMBOLS**

	PERIMETER EROSION BARRIER		TEMPORARY EROSION CONTROL SEEDING
	INLET AND PIPE PROTECTION		RIPRAP
	INLET FILTER		
	TEMPORARY DITCH CHECK		

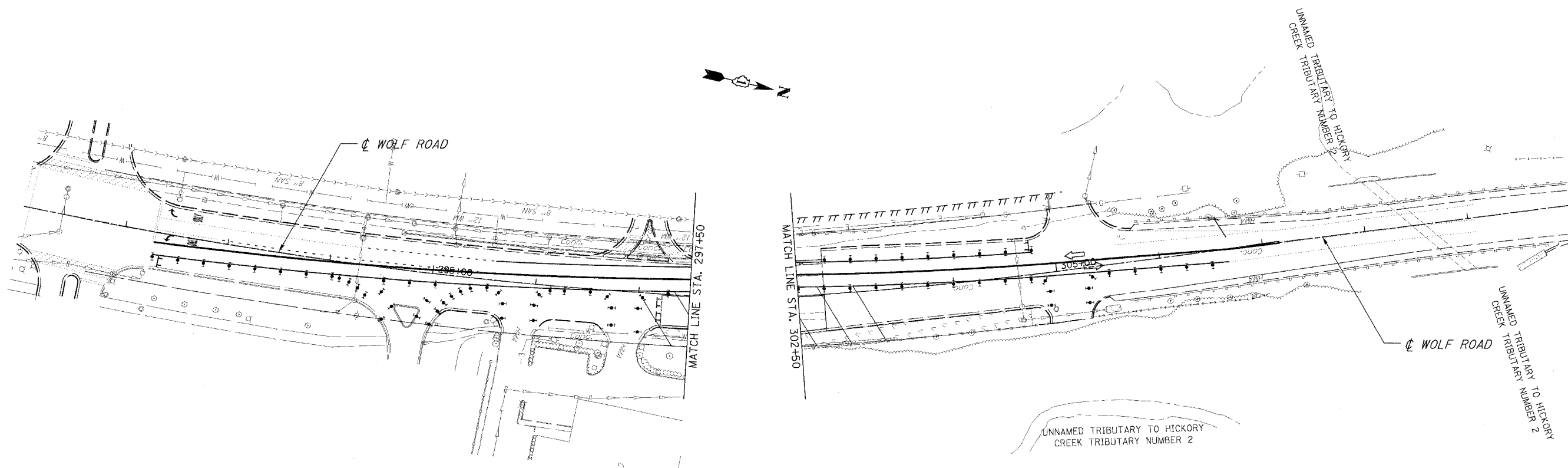
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 STAGE I  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 303+00 TO STA. 331+00  
 SCALE: 1" = 50'  
 DATE: 03/21/2008  
 DRAWN BY: BAE  
 CHECKED BY: GB





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	88
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



EROSION CONTROL SYMBOLS

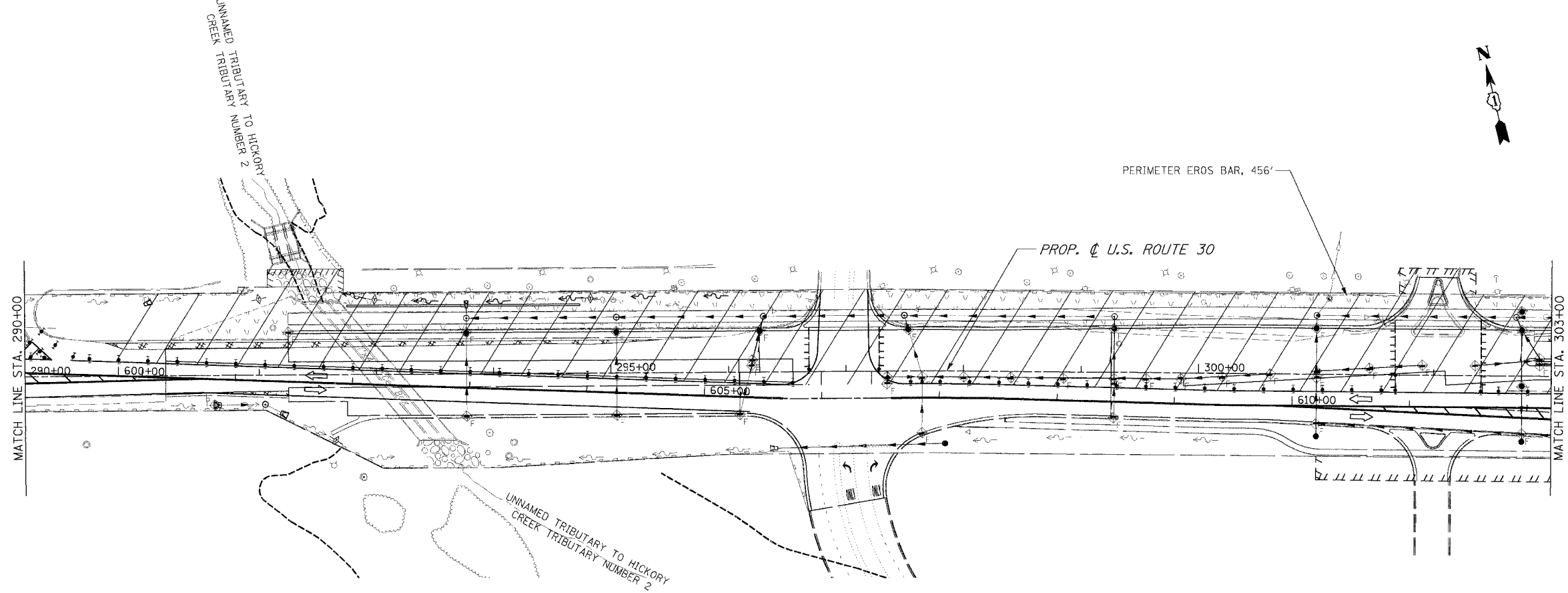
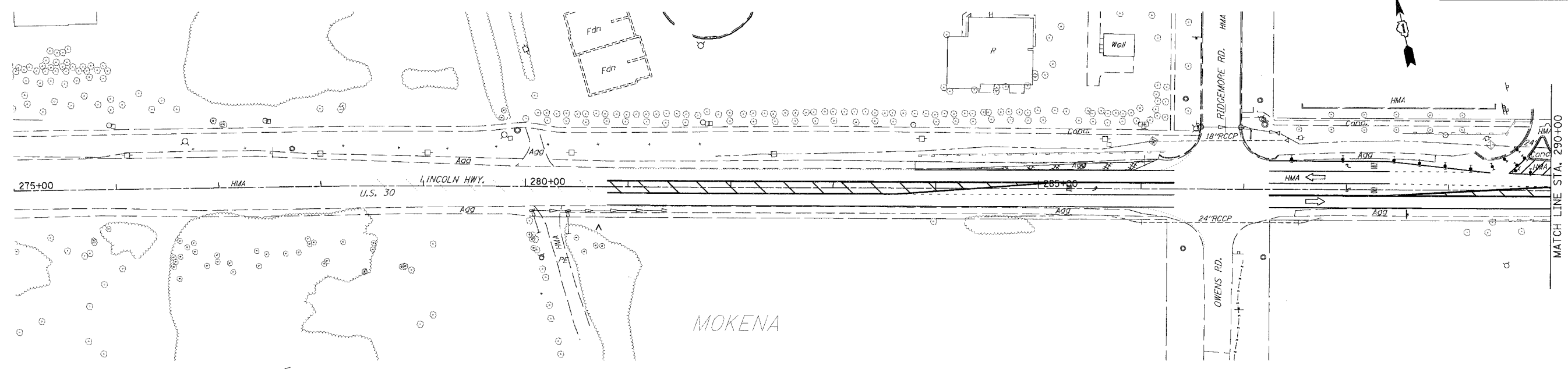
- PERIMETER EROSION BARRIER
- ⊕ INLET AND PIPE PROTECTION
- ⊕ INLET FILTER
- ⊕ TEMPORARY DITCH CHECK
- ▭ TEMPORARY EROSION CONTROL SEEDING
- ▭ RIPRAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 STAGE 1  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. \_\_\_\_\_ TO STA. \_\_\_\_\_  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	89
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



EROSION CONTROL SYMBOLS

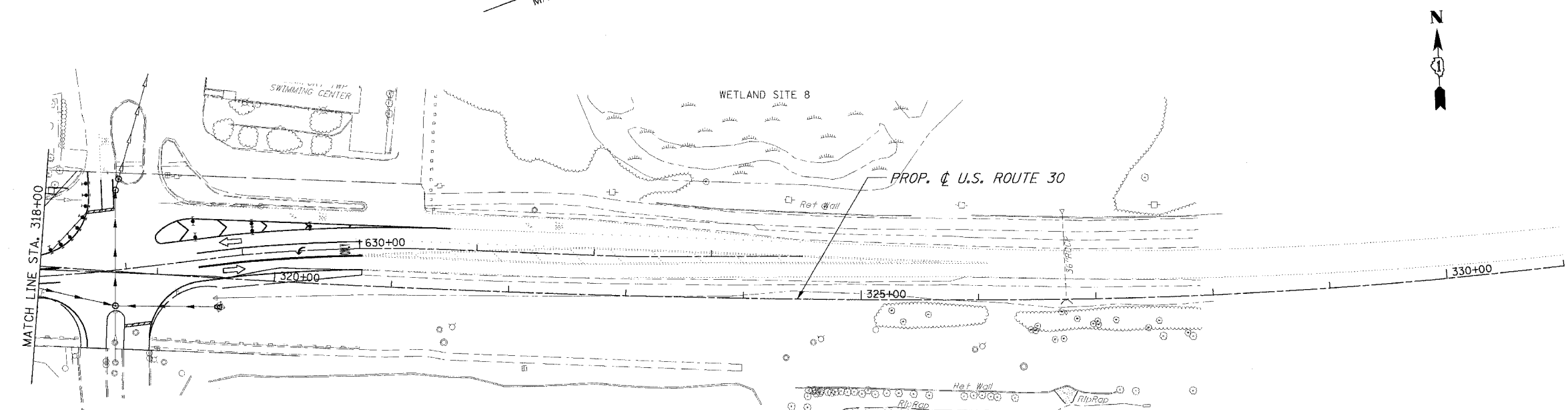
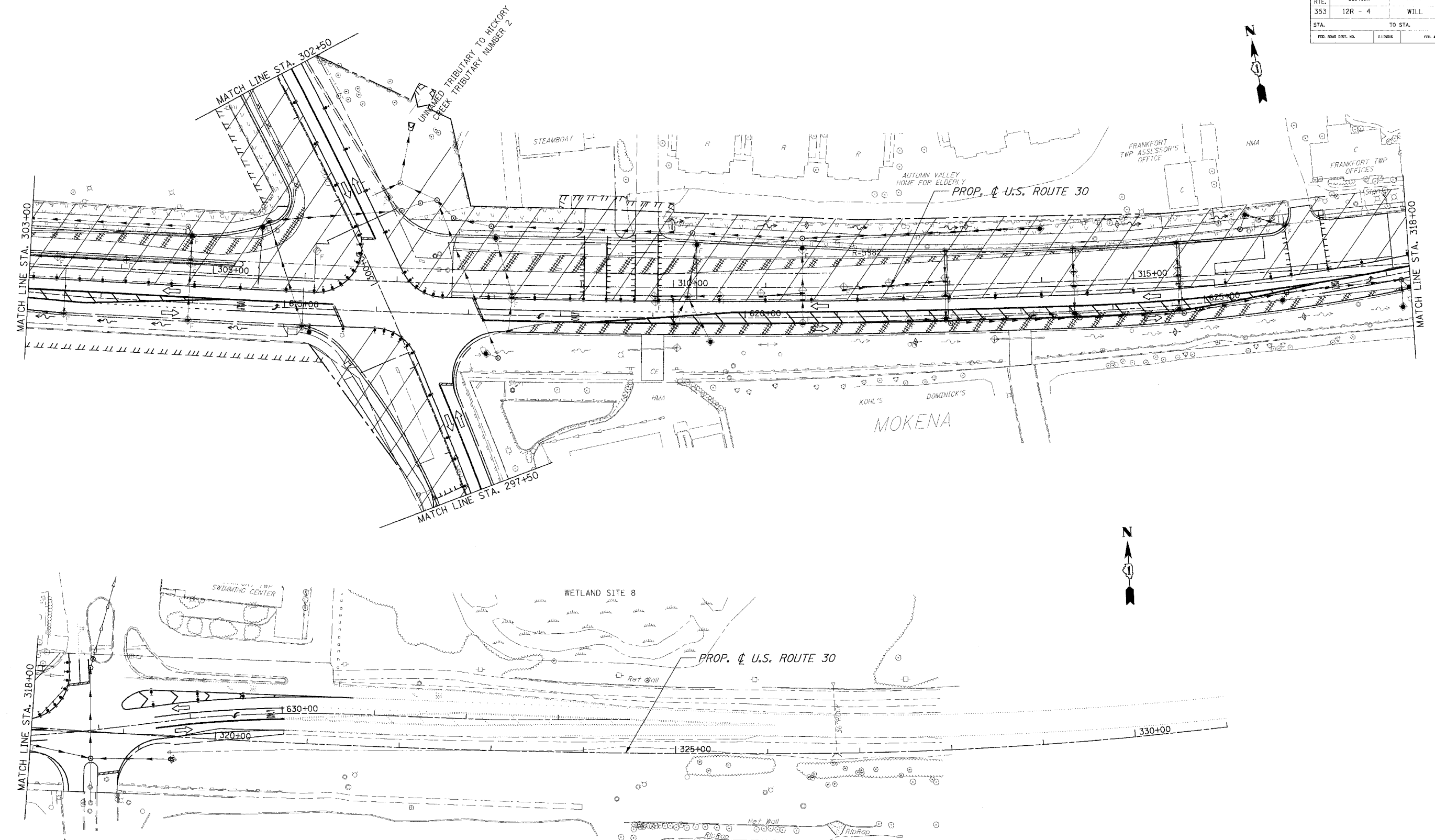
- PERIMETER EROSION BARRIER
- ⊕ INLET AND PIPE PROTECTION
- ⊕ INLET FILTER
- ⊕ TEMPORARY DITCH CHECK
- ▭ TEMPORARY EROSION CONTROL SEEDING
- ▭ RIPRAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 STAGE 2  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 275+00 TO STA. 303+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB



F.A.P. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	90
STA.	TO STA.			
FED. ROAD DIST. NO.	ELLIPSE	FED. AID PROJECT		



- EROSION CONTROL SYMBOLS
- PERIMETER EROSION BARRIER
  - ⊕ INLET AND PIPE PROTECTION
  - ⊕ INLET FILTER
  - ⊕ TEMPORARY DITCH CHECK
  - TEMPORARY EROSION CONTROL SEEDING
  - ⊕ R:PRAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**EROSION CONTROL PLAN**

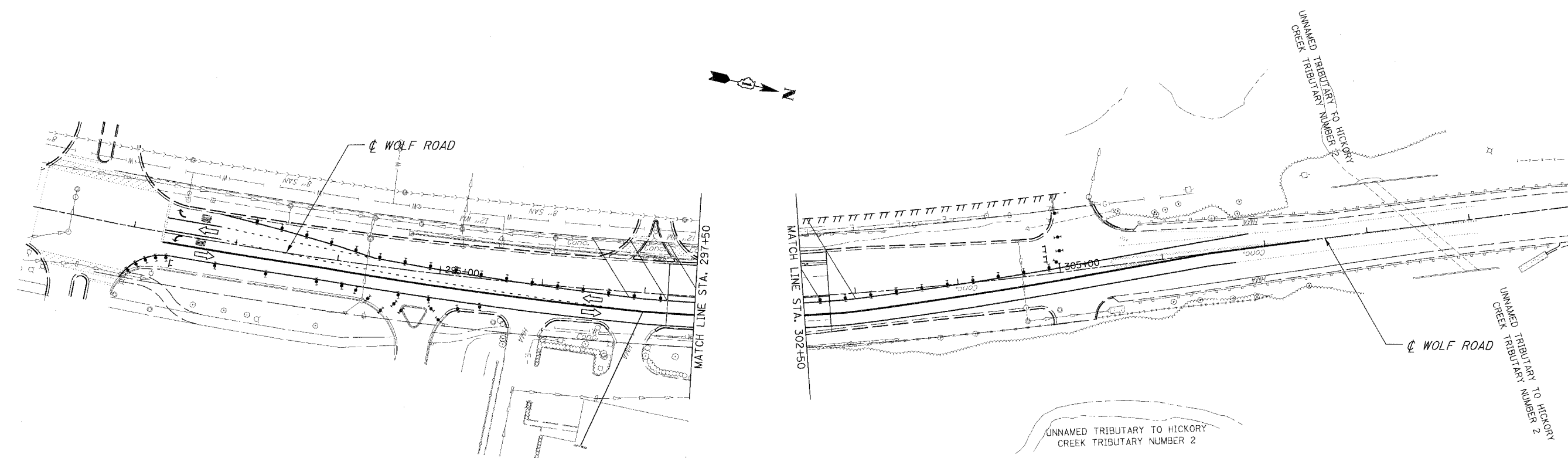
STAGE 2  
U.S. RTE. 30 (LINCOLN HIGHWAY)  
STA. 303+00 TO STA. 331+00

SCALE : 1" = 50'  
DATE : 03/21/2008

DRAWN BY : BAE  
CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	91
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



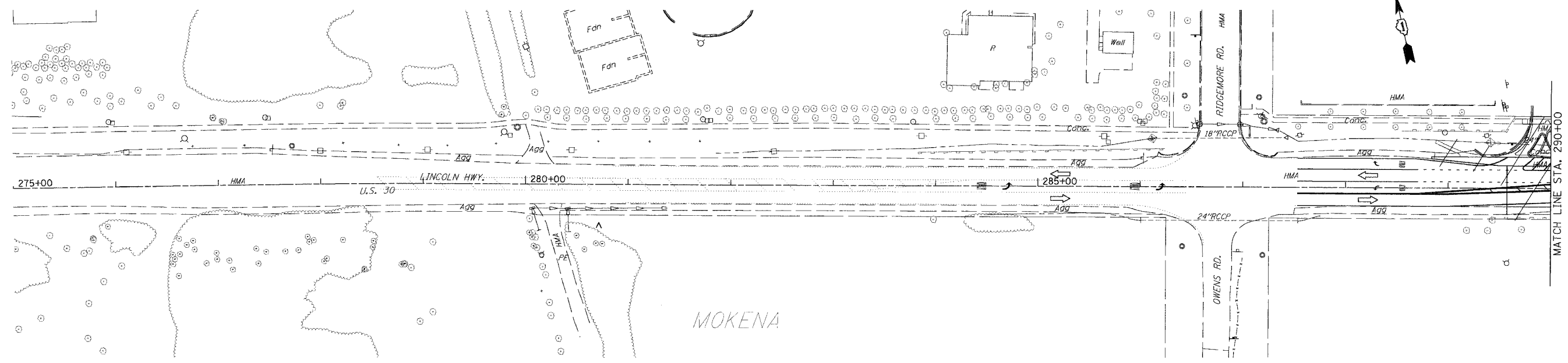
- EROSION CONTROL SYMBOLS**
- PERIMETER EROSION BARRIER
  - ⊕ INLET AND PIPE PROTECTION
  - ⊕ INLET FILTER
  - ⊕ TEMPORARY DITCH CHECK
  - TEMPORARY EROSION CONTROL SEEDING
  - ▨ RIPRAP

REVISIONS	
NAME	DATE

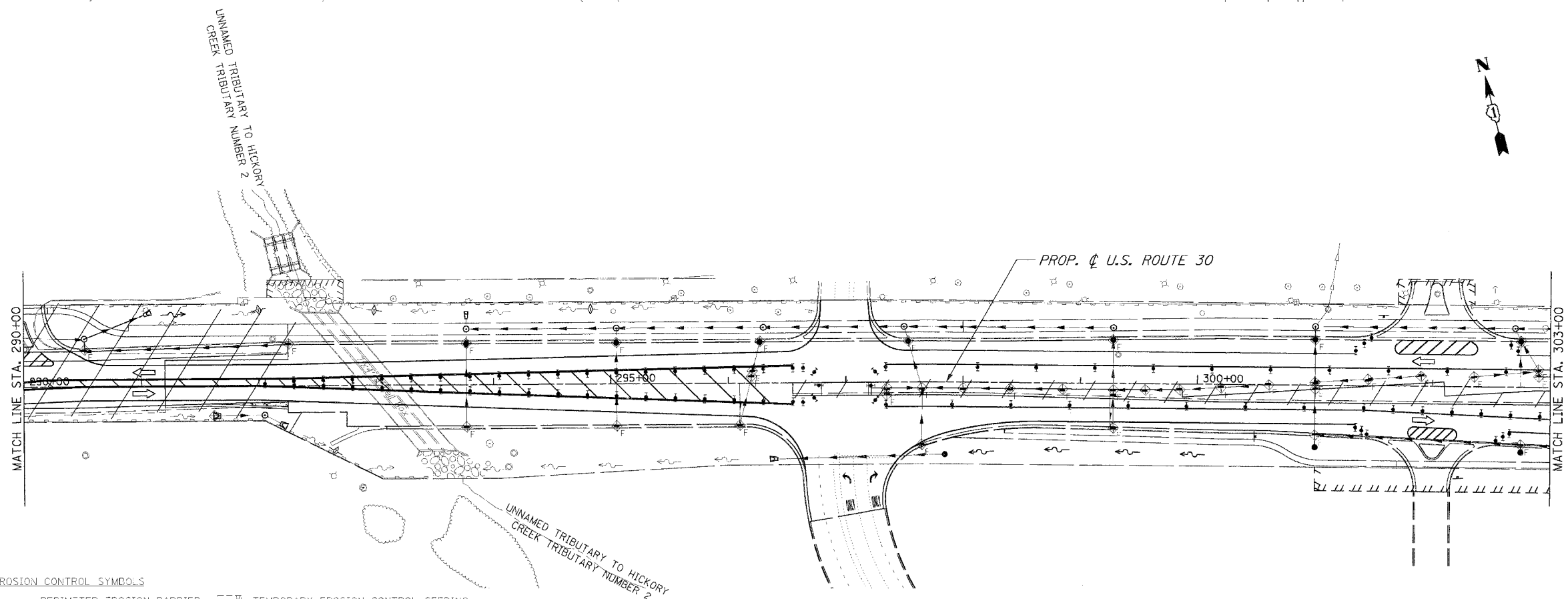
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 STAGE 2  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. \_\_\_\_\_ TO STA. \_\_\_\_\_  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : CB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL.	199	92
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



MOKENA



EROSION CONTROL SYMBOLS

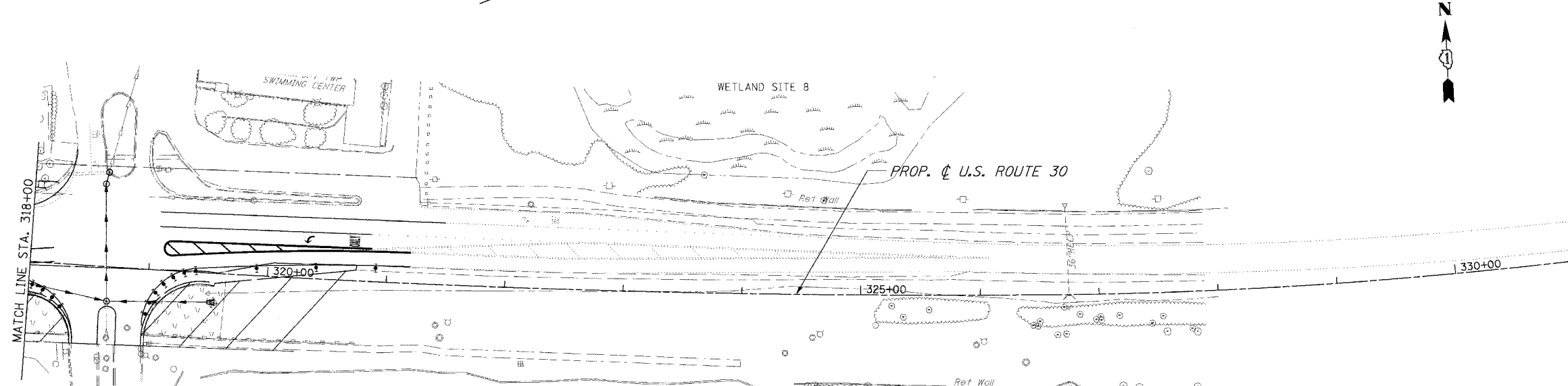
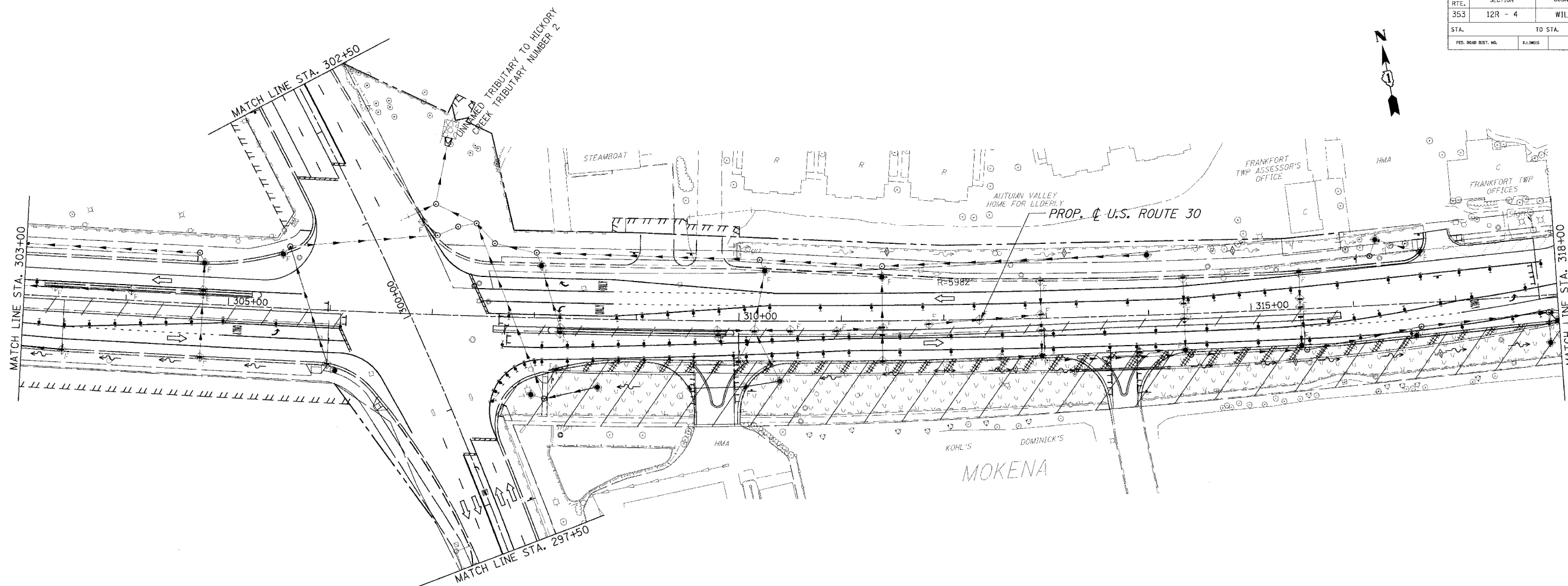
- PERIMETER EROSION BARRIER
- ⊕ INLET AND PIPE PROTECTION
- ⊕ INLET FILTER
- ⊕ TEMPORARY DITCH CHECK
- TEMPORARY EROSION CONTROL SEEDING
- ⊞ RIPRAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 STAGE 3  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 275+00 TO STA. 303+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB



F.A.P. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	93
STA.		TO STA.		
FED. ROAD DIST. NO.		S.D. NO.		FED. AID PROJECT



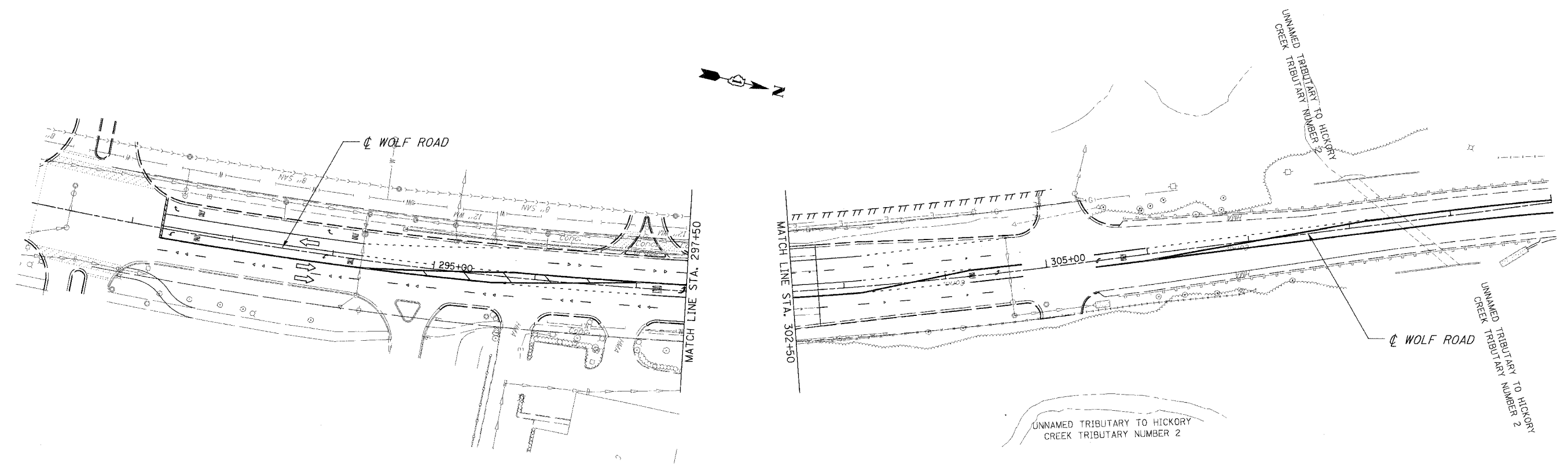
- EROSION CONTROL SYMBOLS
- PERIMETER EROSION BARRIER
  - ⊕ INLET AND PIPE PROTECTION
  - ⊕ INLET FILTER
  - ◇ TEMPORARY DITCH CHECK
  - ▨ TEMPORARY EROSION CONTROL SEEDING
  - ⊗ RIPRAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 STAGE 3  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. 303+00 TO STA. 331+00  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	94
STA.		TO STA.		
FED. ROAD DIST. NO.		MILES		FED. AID PROJECT



EROSION CONTROL SYMBOLS

- PERIMETER EROSION BARRIER
- ⊕ INLET AND PIPE PROTECTION
- ⊕ INLET FILTER
- ⊕ TEMPORARY DITCH CHECK
- ▭ TEMPORARY EROSION CONTROL SEEDING
- ▭ RIPRAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 STAGE 3  
 U.S. RTE. 30 (LINCOLN HIGHWAY)  
 STA. \_\_\_\_\_ TO STA. \_\_\_\_\_  
 SCALE : 1" = 50'  
 DATE : 03/21/2008  
 DRAWN BY : BAE  
 CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12R - 4)	WILL	199	95
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE #	ITEM	UNIT	TOTAL QUANTITY	WOLF RD	INTERCONNECT
72000100	SIGN PANEL - TYPE 1	SQ FT	12	12	
72000200	SIGN PANEL - TYPE 2	SQ FT	30	30	
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1304	1304	
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	241	241	
81001000	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10	10	
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	606	421	185
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	642	642	
81400100	HANDHOLE	EACH	8	8	
81400200	HEAVY-DUTY HANDHOLE	EACH	4	4	
81400300	DOUBLE HANDHOLE	EACH	2	2	
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1555	1555	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1	
86000105	MASTER CONTROLLER (SPECIAL)	EACH	1		1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1	1	
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1824	1824	
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3145	3145	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	357	357	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3810	3810	
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5314	5314	
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	63	63	
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4	4	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16	16	
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4	4	
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60	60	
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1	1	
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7	7	
88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3	3	
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1	1	
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8	8	
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8	8	
88100200	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED	EACH	8	8	
88500100	INDUCTIVE LOOP DETECTOR	EACH	9	9	
88600100	DETECTOR LOOP, TYPE I	FOOT	772	772	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	
89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2	2	
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1	1	
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1325		1325
X0324007	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1	1	
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1	1	
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	962	962	
X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1139	1139	
X8900040	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	
XX003660	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM24F SM12F	FOOT	1325		1325
XX006661	UNINTERRUPTABLE POWER SUPPLY	EACH	1	1	
	TEMPORARY TRAFFIC SIGNAL, WOOD POLE	EACH	1	1	
	FULL-ACTUATED CONTROLLER AND CABINET (SPECIAL)	EACH	1	1	
	STEEL COMBINATION MAST ARM LOWER ASSEMBLY AND POLE 34 FT.	EACH	1	1	
	STEEL COMBINATION MAST ARM LOWER ASSEMBLY AND POLE 36 FT.	EACH	1	1	
	STEEL COMBINATION MAST ARM LOWER ASSEMBLY AND POLE 50 FT.	EACH	2	2	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC SIGNAL  
SUMMARY OF QUANTITIES**  
US RTE. 30 AT WOLF ROAD  
SCALE : 1" = NTS  
DATE : 03/21/2008  
DRAWN BY : ZH  
DESIGNED BY : BAE  
CHECKED BY : GB





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	96
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**TEMPORARY TRAFFIC SIGNAL LEGEND**

- TEMPORARY TRAFFIC SIGNAL HEAD
- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊕ TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊞ MICROWAVE VEHICLE SENSOR
- CT COMMON TRENCH
- ▲ EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH OR PUSHED
- HANDHOLE
- ⊞ HEAVY-DUTY HANDHOLE
- TEMPORARY PEDESTRIAN PUSHBUTTON DETECTOR

**EXISTING EQUIPMENT TO BE REMOVED LEGEND**

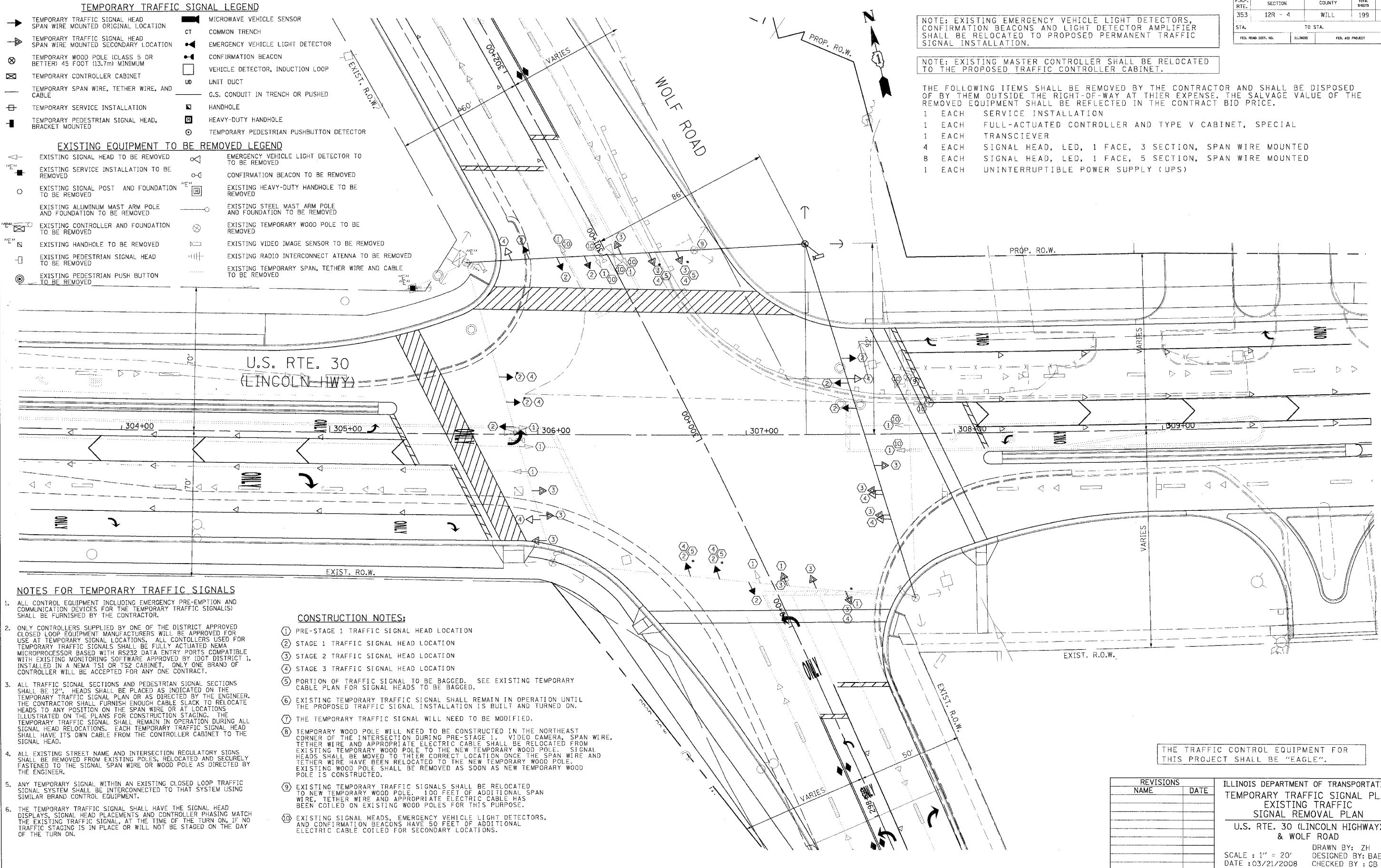
- ⊞ EXISTING SIGNAL HEAD TO BE REMOVED
- ⊞ EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING HANDHOLE TO BE REMOVED
- ⊞ EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ⊞ EXISTING PEDESTRIAN PUSH BUTTON TO BE REMOVED
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊞ CONFIRMATION BEACON TO BE REMOVED
- ⊞ EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- ⊞ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING TEMPORARY WOOD POLE TO BE REMOVED
- ⊞ EXISTING VIDEO IMAGE SENSOR TO BE REMOVED
- ⊞ EXISTING RADIO INTERCONNECT ANTENNA TO BE REMOVED
- ⊞ EXISTING TEMPORARY SPAN, TETHER WIRE AND CABLE TO BE REMOVED

NOTE: EXISTING EMERGENCY VEHICLE LIGHT DETECTORS, CONFIRMATION BEACONS AND LIGHT DETECTOR AMPLIFIER SHALL BE RELOCATED TO PROPOSED PERMANENT TRAFFIC SIGNAL INSTALLATION.

NOTE: EXISTING MASTER CONTROLLER SHALL BE RELOCATED TO THE PROPOSED TRAFFIC CONTROLLER CABINET.

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

- 1 EACH SERVICE INSTALLATION
- 1 EACH FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL
- 1 EACH TRANSCEIVER
- 4 EACH SIGNAL HEAD, LED, 1 FACE, 3 SECTION, SPAN WIRE MOUNTED
- 8 EACH SIGNAL HEAD, LED, 1 FACE, 5 SECTION, SPAN WIRE MOUNTED
- 1 EACH UNINTERRUPTIBLE POWER SUPPLY (UPS)



**NOTES FOR TEMPORARY TRAFFIC SIGNALS**

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1. INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

**CONSTRUCTION NOTES:**

- PRE-STAGE 1 TRAFFIC SIGNAL HEAD LOCATION
- STAGE 1 TRAFFIC SIGNAL HEAD LOCATION
- STAGE 2 TRAFFIC SIGNAL HEAD LOCATION
- STAGE 3 TRAFFIC SIGNAL HEAD LOCATION
- PORTION OF TRAFFIC SIGNAL TO BE BAGGED. SEE EXISTING TEMPORARY CABLE PLAN FOR SIGNAL HEADS TO BE BAGGED.
- EXISTING TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION UNTIL THE PROPOSED TRAFFIC SIGNAL INSTALLATION IS BUILT AND TURNED ON.
- THE TEMPORARY TRAFFIC SIGNAL WILL NEED TO BE MODIFIED.
- TEMPORARY WOOD POLE WILL NEED TO BE CONSTRUCTED IN THE NORTHEAST CORNER OF THE INTERSECTION DURING PRE-STAGE 1. VIDEO CAMERA, SPAN WIRE, TETHER WIRE AND APPROPRIATE ELECTRIC CABLE SHALL BE RELOCATED FROM EXISTING TEMPORARY WOOD POLE TO THE NEW TEMPORARY WOOD POLE. SIGNAL HEADS SHALL BE MOVED TO THEIR CORRECT LOCATION ONCE THE SPAN WIRE AND TETHER WIRE HAVE BEEN RELOCATED TO THE NEW TEMPORARY WOOD POLE. EXISTING WOOD POLE SHALL BE REMOVED AS SOON AS NEW TEMPORARY WOOD POLE IS CONSTRUCTED.
- EXISTING TEMPORARY TRAFFIC SIGNALS SHALL BE RELOCATED TO NEW TEMPORARY WOOD POLE. 100 FEET OF ADDITIONAL SPAN WIRE, TETHER WIRE AND APPROPRIATE ELECTRIC CABLE HAS BEEN COILED ON EXISTING WOOD POLES FOR THIS PURPOSE.
- EXISTING SIGNAL HEADS, EMERGENCY VEHICLE LIGHT DETECTORS, AND CONFIRMATION BEACONS HAVE 50 FEET OF ADDITIONAL ELECTRIC CABLE COILED FOR SECONDARY LOCATIONS.

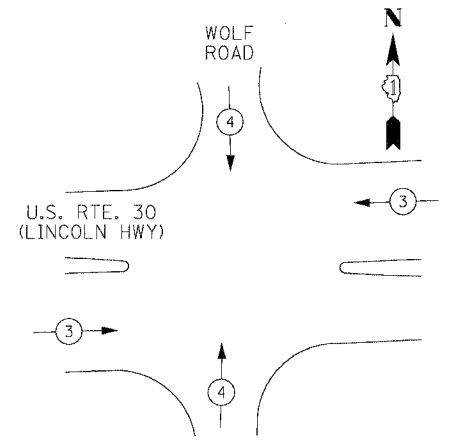
THE TRAFFIC CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE".

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TEMPORARY TRAFFIC SIGNAL PLAN  
 EXISTING TRAFFIC SIGNAL REMOVAL PLAN  
 U.S. RTE. 30 (LINCOLN HIGHWAY) & WOLF ROAD  
 SCALE : 1" = 20'  
 DATE : 03/21/2008  
 DRAWN BY: ZH  
 DESIGNED BY: BAE  
 CHECKED BY: GB

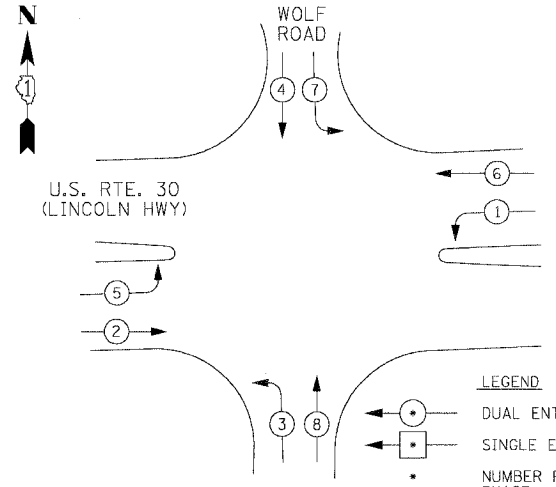
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	97
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**

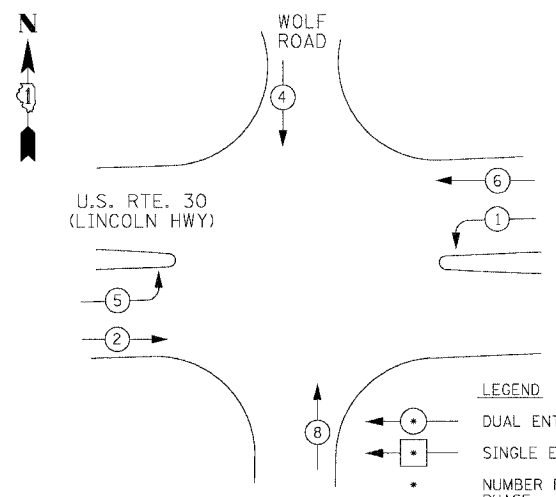


EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	→	↑

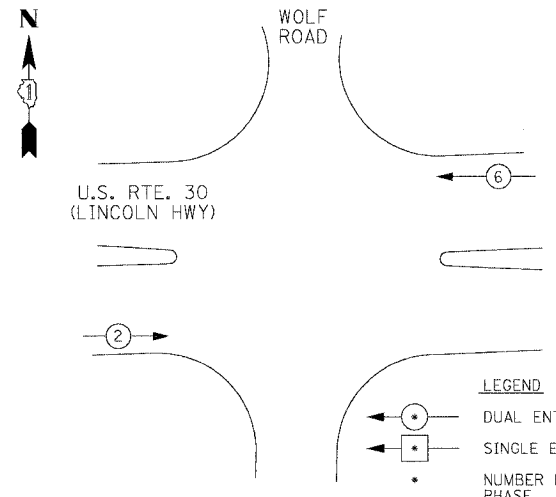
**TEMPORARY CONTROLLER SEQUENCE**



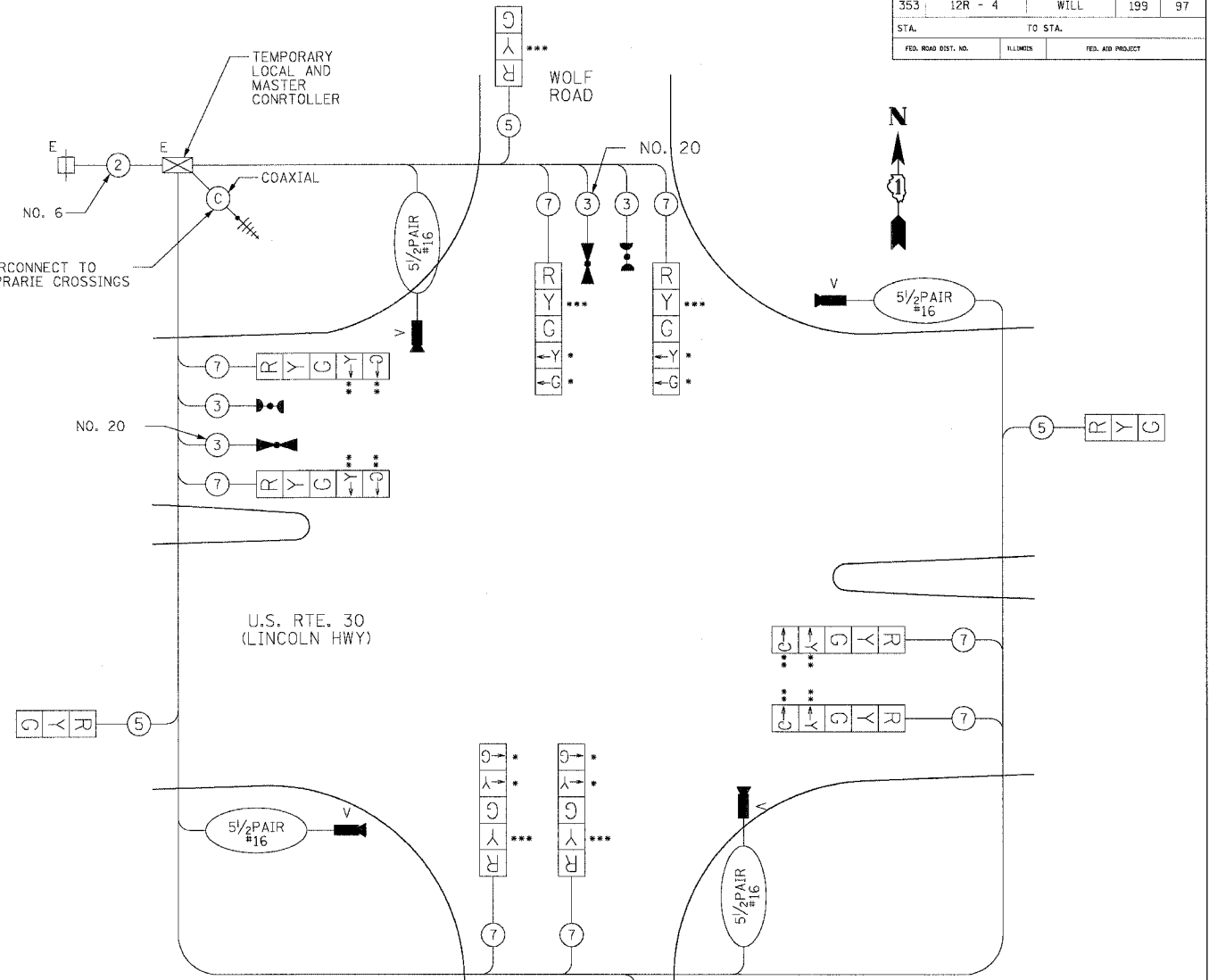
**TEMPORARY PHASE DESIGNATION DIAGRAM EXISTING AND STAGE 3**



**TEMPORARY PHASE DESIGNATION DIAGRAM STAGE 1 AND STAGE 2**



**TEMPORARY PHASE DESIGNATION DIAGRAM STAGE 1A AND STAGE 1B**



**TEMPORARY CABLE PLAN LEGEND**

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300 mm)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- VIDEO DETECTION
- RADIO INTERCONNECT ANTENNA

**EXISTING TEMPORARY CABLE PLAN ALL CONSTRUCTION STAGES**

- \* BAG LEFT-TURN ARROW SECTIONS DURING STAGE 1 AND STAGE 2.
- \*\* BAG LEFT-TURN ARROW SECTIONS DURING STAGE 1A AND STAGE 1B.
- \*\*\* BAG SIGNAL DURING STAGE 1A AND STAGE 1B.

THE TRAFFIC CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE".

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	-	17	0.50	102
(YELLOW)	12	-	25	0.25	75
(GREEN)	12	-	15	0.25	45
ARROW	16	-	12	0.10	19.2
PED. SIGNAL	-	-	25	1.00	-
CONTROLLER	1	-	100	1.00	100.00
FLASHER	-	-	-	0.50	0
ENERGY COSTS TO:				TOTAL =	341.2

VILLAGE OF MOKENA  
11004 CARPENTER STREET  
MOKENA, ILLINOIS 60448  
ENERGY SUPPLY CONTACT: CDC REPRESENTATIVE  
PHONE: (815) 727-5656  
COMPANY: COMED

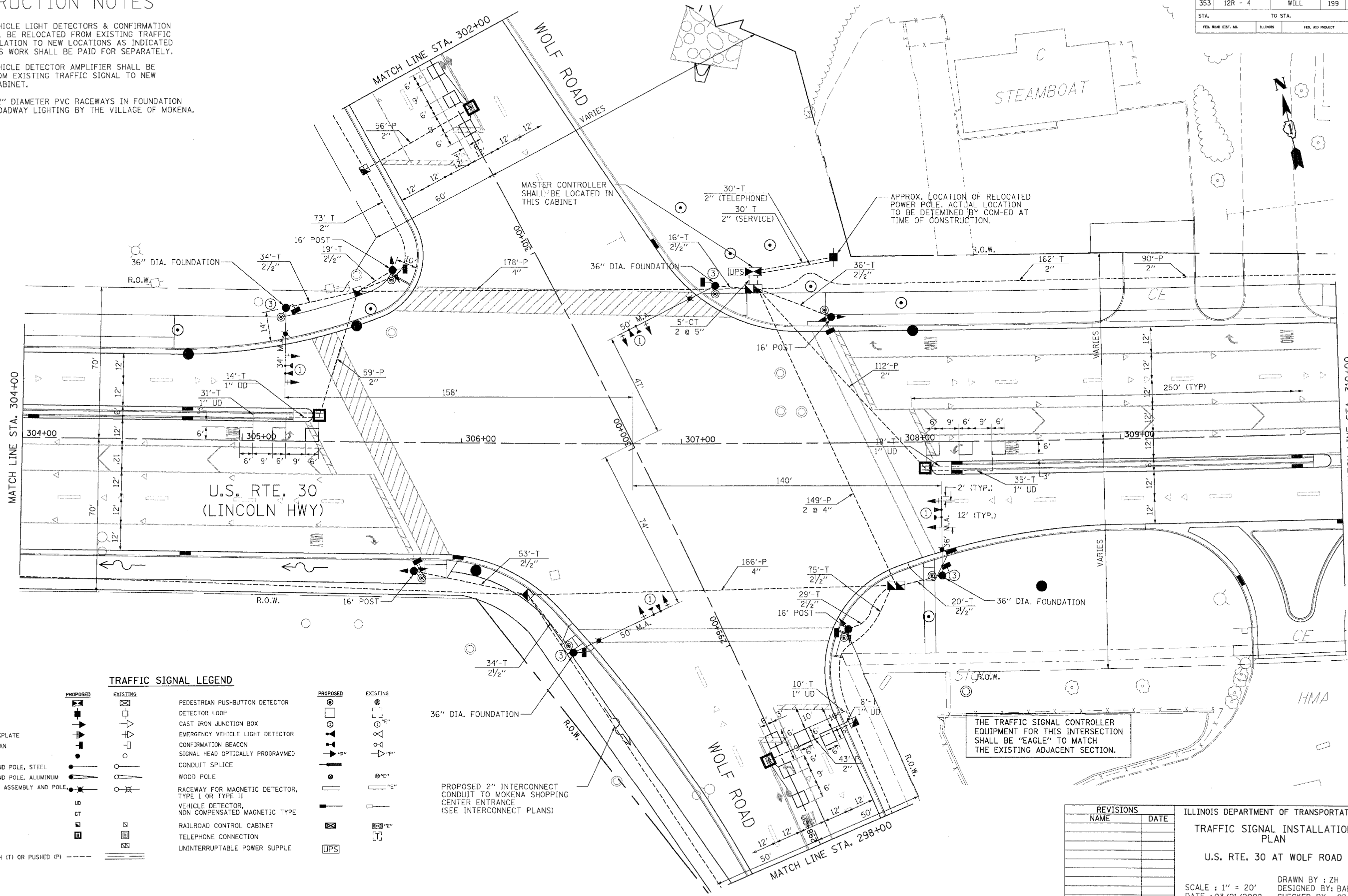
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, TEMPORARY EMERGENCY VEHICLE PREEMPTION**  
US RTE. 30 AT WOLF ROAD  
SCALE : 1" = NTS  
DATE : 03/21/2008  
DRAWN BY : ZH  
DESIGNED BY : BAE  
CHECKED BY : GB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	98
STA.	TO STA.			
FED. ROAD DIST. NO.	ELLIPSIS	FED. AID PROJECT		

# CONSTRUCTION NOTES

- EMERGENCY VEHICLE LIGHT DETECTORS & CONFIRMATION BEACONS SHALL BE RELOCATED FROM EXISTING TRAFFIC SIGNAL INSTALLATION TO NEW LOCATIONS AS INDICATED ON PLAN. THIS WORK SHALL BE PAID FOR SEPARATELY.
- EMERGENCY VEHICLE DETECTOR AMPLIFIER SHALL BE RELOCATED FROM EXISTING TRAFFIC SIGNAL TO NEW CONTROLLER CABINET.
- INSTALL TWO 2" DIAMETER PVC RACEWAYS IN FOUNDATION FOR FUTURE ROADWAY LIGHTING BY THE VILLAGE OF MOKENA.



## TRAFFIC SIGNAL LEGEND

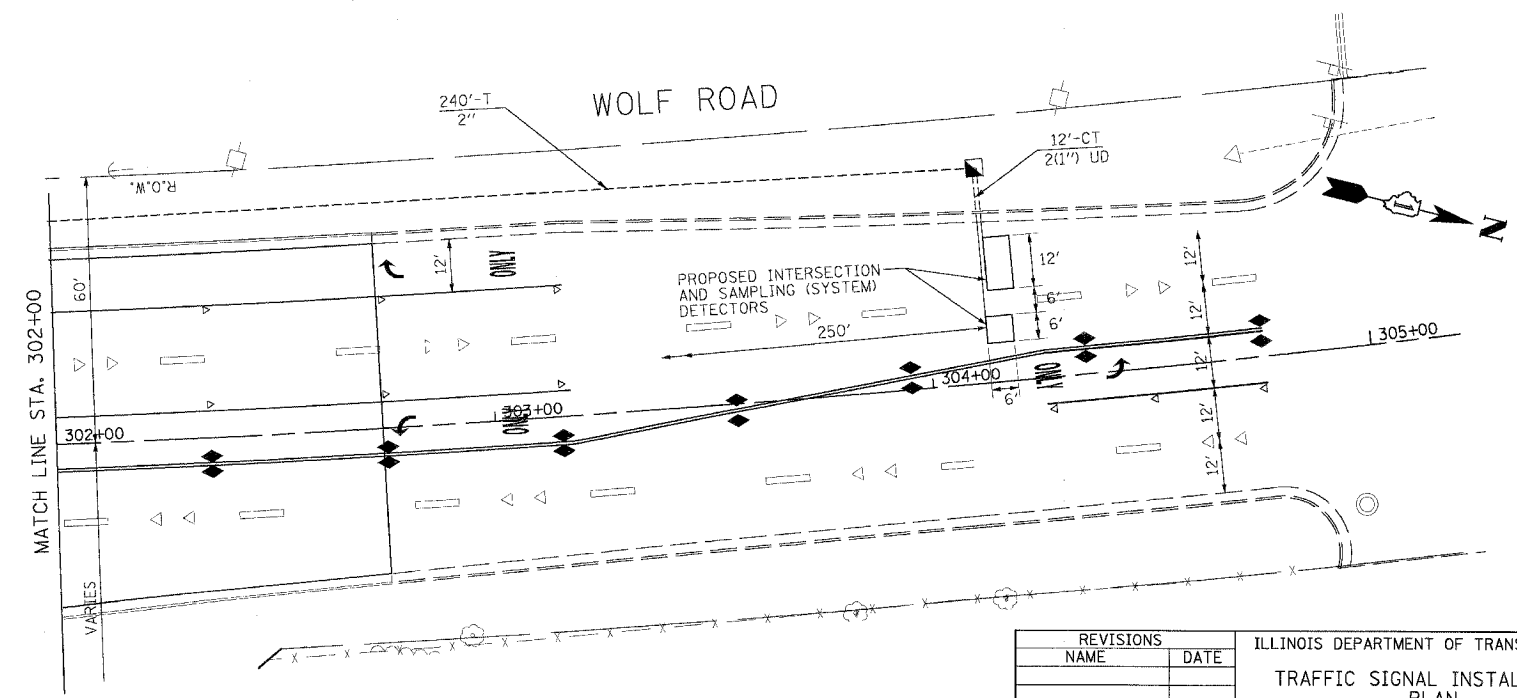
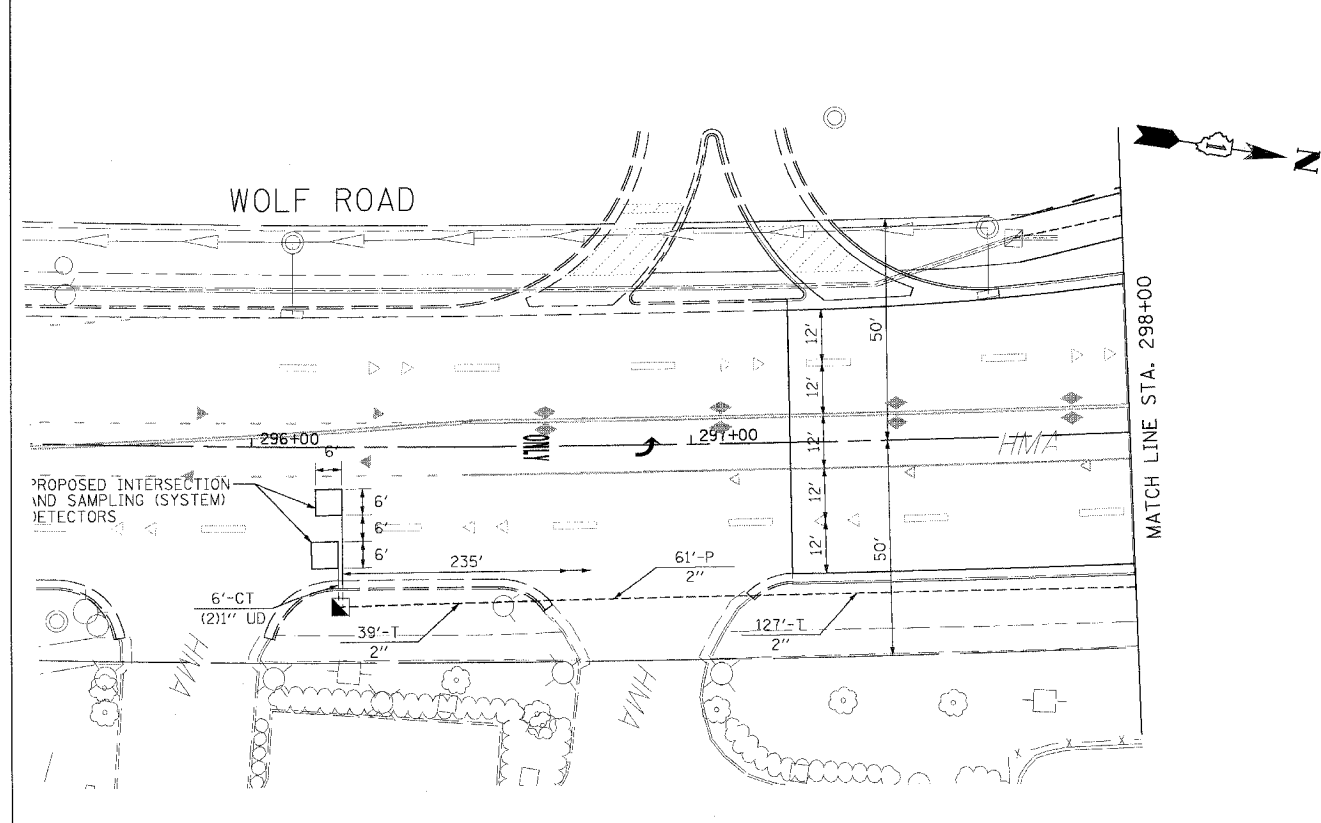
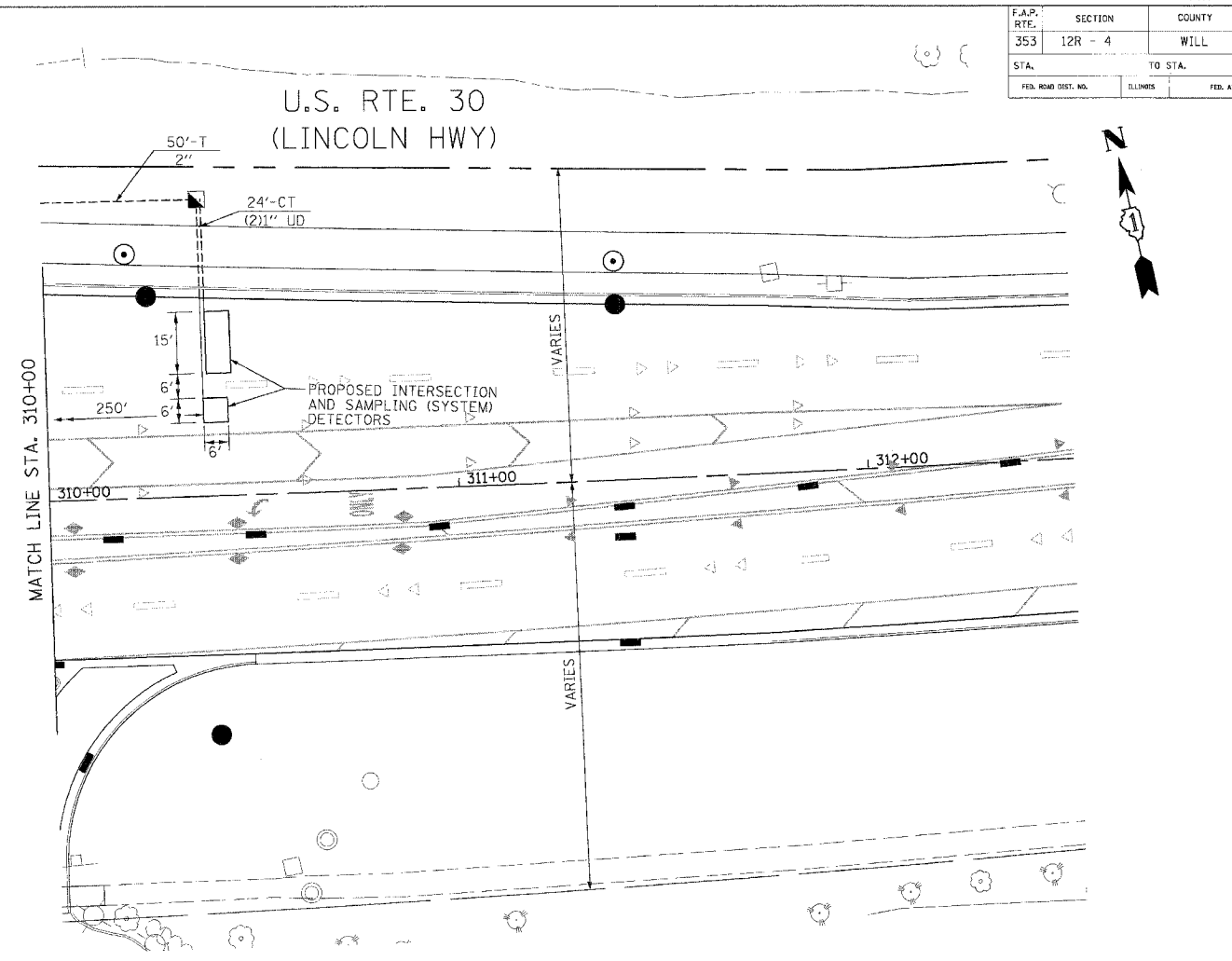
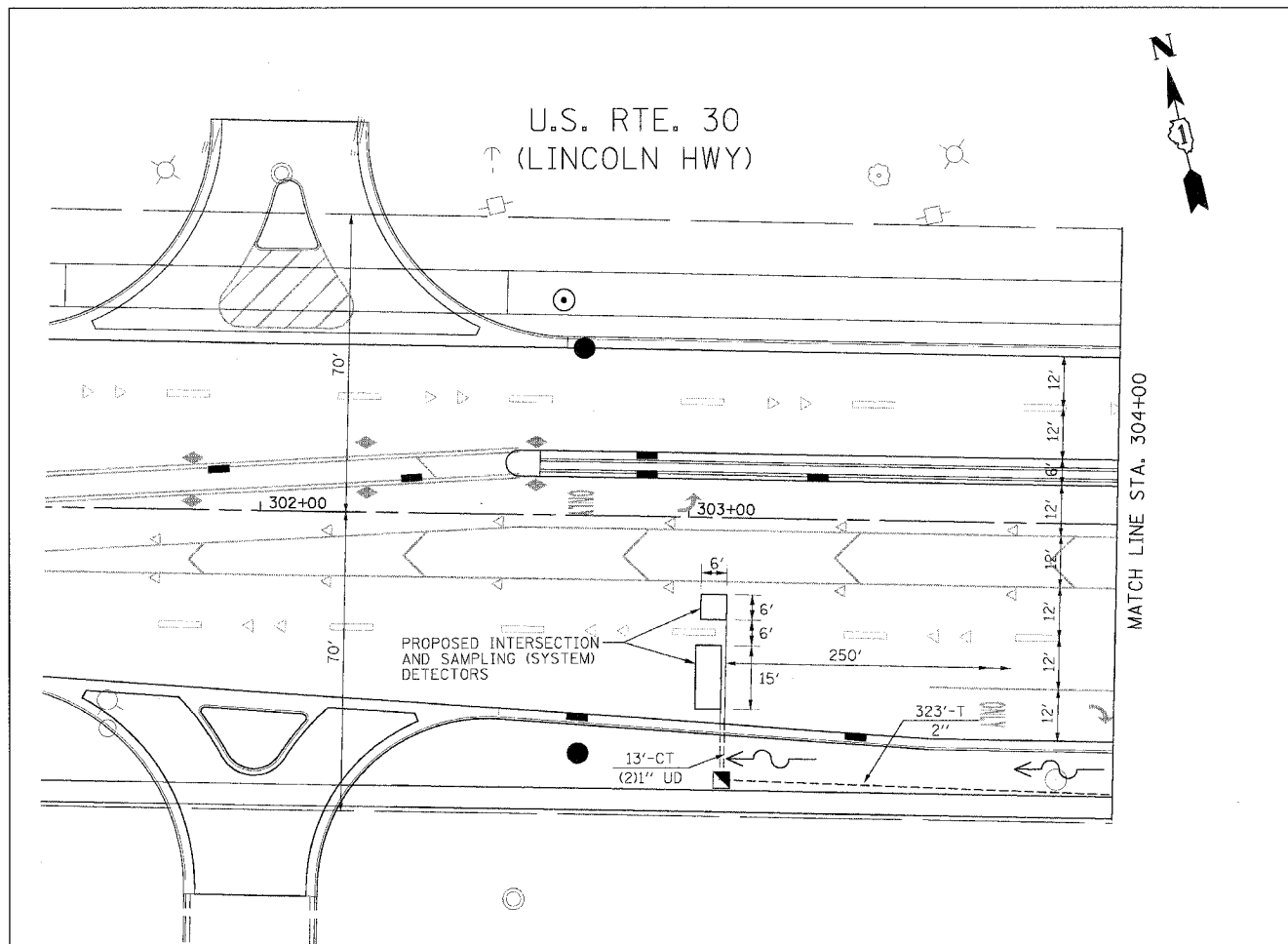
PROPOSED	EXISTING	PROPOSED	EXISTING
CONTROLLER	[Symbol]	PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]
SERVICE INSTALLATION	[Symbol]	DETECTOR LOOP	[Symbol]
SIGNAL HEAD	[Symbol]	CAST IRON JUNCTION BOX	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	CONFIRMATION BEACON	[Symbol]
SIGNAL POST	[Symbol]	SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	CONDUIT SPLICE	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	WOOD POLE	[Symbol]
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	[Symbol]	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]
UNIT DUCT	[Symbol]	VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	[Symbol]
COMMON TRENCH	[Symbol]	RAILROAD CONTROL CABINET	[Symbol]
HANDHOLE	[Symbol]	TELEPHONE CONNECTION	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	UNINTERRUPTIBLE POWER SUPPLY	[Symbol]
DOUBLE HANDHOLE	[Symbol]		
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]		

THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS INTERSECTION SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SECTION.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC SIGNAL INSTALLATION PLAN**  
 U.S. RTE. 30 AT WOLF ROAD  
 SCALE : 1" = 20'  
 DATE : 03/21/2008  
 DRAWN BY : ZH  
 DESIGNED BY : BAE  
 CHECKED BY : GB

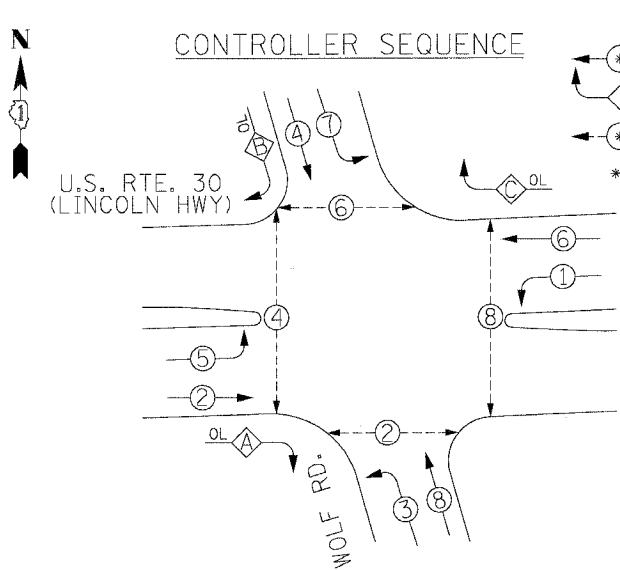
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	99
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TRAFFIC SIGNAL INSTALLATION PLAN  
 U.S. RTE. 30 AT WOLF ROAD  
 SCALE : 1" = 20'  
 DATE : 03/21/2008  
 DRAWN BY : ZH  
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 CHECKED BY : GB

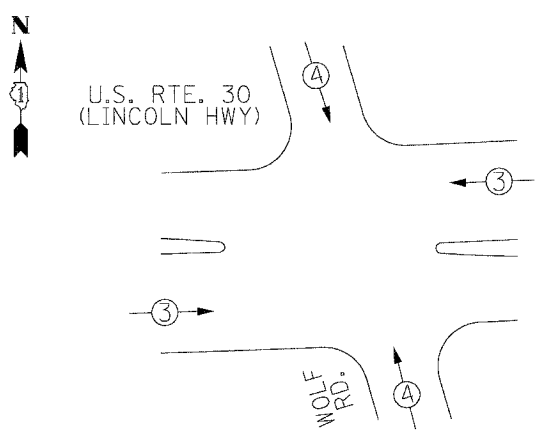
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	100
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PHASE DESIGNATION DIAGRAM

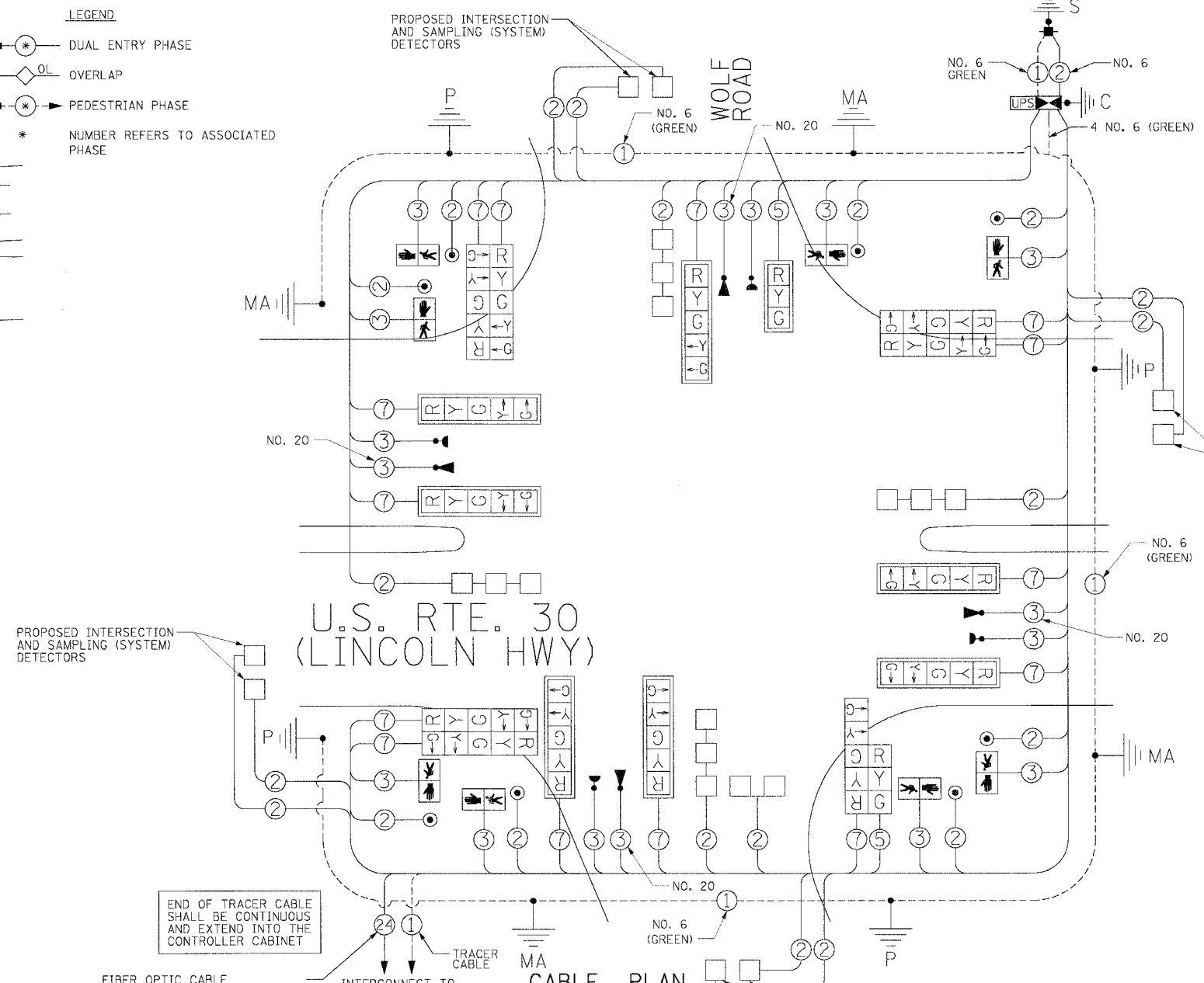
OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 5
C	= 3	+ 7

EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	←	↑

- LEGEND**
- ⊙ DUAL ENTRY PHASE
  - ⊙ OL OVERLAP
  - ⊙ PEDESTRIAN PHASE
  - \* NUMBER REFERS TO ASSOCIATED PHASE



CABLE PLAN LEGEND

- EXISTING**    **PROPOSED**
- ⊙ 8" (200mm) TRAFFIC SIGNAL SECTION
  - ⊙ 12" (300mm) TRAFFIC SIGNAL SECTION
  - ⊙ 12" (300mm) PEDESTRIAN SIGNAL SECTION
  - ⊙ 12" (300mm) PEDESTRIAN SIGNAL SECTION
  - ⊙ CONTROLLER CABINET
  - ⊙ SERVICE INSTALLATION
  - ⊙ TELEPHONE CONNECTION
  - ⊙ VEHICLE DETECTOR, INDUCTION LOOP
  - ⊙ MAGNETIC DETECTOR
  - ⊙ EMERGENCY VEHICLE LIGHT DETECTOR
  - ⊙ CONFIRMATION BEACON
  - ⊙ PUSHBUTTON DETECTOR
  - ② DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
  - ① GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
  - ②④ FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F SM12F
  - ⊙ SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
  - ⊙ RAILROAD CONTROL CABINET
  - ⊙ ILLUMINATED SIGN "NO LEFT TURN"
  - ⊙ ILLUMINATED SIGN "NO RIGHT TURN"
  - ⊙ GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
  - ⊙ GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
  - ⊙ GROUND ROD AT ELECTRIC SERVICE INSTALLATION
  - ⊙ MICROWAVE VEHICLE SENSOR
  - ⊙ UNINTERRUPTIBLE POWER SUPPLY

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY	ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SO FT	12	CONCRETE FOUNDATION, TYPE A	FOOT	16
SIGN PANEL - TYPE 2	SO FT	30	CONCRETE FOUNDATION, TYPE D	FOOT	4
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1304	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	241	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	421	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	642	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
HANDHOLE	EACH	8	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8
HEAVY-DUTY HANDHOLE	EACH	4	PEDESTRIAN PUSH-BUTTON	EACH	8
DOUBLE HANDHOLE	EACH	2	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	8
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1555	INDUCTIVE LOOP DETECTOR	EACH	9
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	DETECTOR LOOP, TYPE 1	FOOT	772
MASTER CONTROLLER (SPECIAL)	EACH	1	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1824	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3145	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	357	SERVICE INSTALLATION - POLE MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3810	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2167
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5314	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	1270
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	63	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4	UNINTERRUPTIBLE POWER SUPPLY	EACH	1
TYPE A - POST	FT. (m)	4 (1.2)	TEMPORARY TRAFFIC SIGNAL, WOOD POLE	EACH	1
D - CONTROLLER	FT. (m)	4 (1.2)	FULL-ACTUATED CONTROLLER AND CABINET (SPECIAL)	EACH	1
E - M. ARM POLE	FT. (m)	4 (1.2)	STEEL COMBINATION MAST ARM LOWER ASSEMBLY AND POLE 34 FT.	EACH	1
LGTH. <=60", 36" (900)	FT. (m)	15 (4.6)	STEEL COMBINATION MAST ARM LOWER ASSEMBLY AND POLE 36 FT.	EACH	1
HANDHOLE	FT. (m)	6.5 (2.0)	STEEL COMBINATION MAST ARM LOWER ASSEMBLY AND POLE 50 FT.	EACH	2
DOUBLE HANDHOLE	FT. (m)	13 (4.0)			
SIGNAL POST	FT. (m)	2 (1.0)			
CONTROLLER CAB.	FT. (m)	1 (0.5)			
FIBER OPTIC	FT. (m)	13 (4.0)			
ELECTRIC SERVICE	FT. (m)	1 (0.5)			
ELECTRIC SERVICE	FT. (m)	13.5 (4.1)			
GROUND CABLE	FT. (m)	1 (0.5)			
POST MOUNTED	FT. (m)	6 (1.8)			

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

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	-	17	0.50	136.00
(YELLOW)	16	-	25	0.25	100.00
(GREEN)	16	-	15	0.25	60.00
ARROW	28	-	12	0.10	33.60
PED. SIGNAL	8	-	25	1.00	200.00
CONTROLLER	1	-	100	1.00	100.00
ILLUM. SIGN				0.05	-
FLASHER				0.50	-
ENERGY COSTS TO:					TOTAL = 629.60

ILLINOIS DEPARTMENT OF TRANSPORTATION  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196-1096  
ENERGY SUPPLY CONTACT: MR. HARRY JONES  
PHONE: (815) 724-5057  
COMPANY: COM. ED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION, SCHEDULE OF QUANTITIES**  
US RTE. 30 AT WOLF ROAD  
SCALE: 1" = NTS  
DATE: 03/21/2008  
DRAWN BY: ZH  
DESIGNED BY: BAE  
CHECKED BY: GB

