

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	1

D-91-178-04

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAU 2845: WESTERN AVENUE  
ILLINOIS ST (16TH ST) TO STEGER ROAD  
SECTION: 3152 WRS  
WIDENING & RESURFACING  
PROJECT: M-CMM-HPD-2845(005)  
COOK COUNTY  
C-91-178-04

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED  
IN THE VILLAGE OF PARK FOREST &  
THE CITY OF CHICAGO HEIGHTS

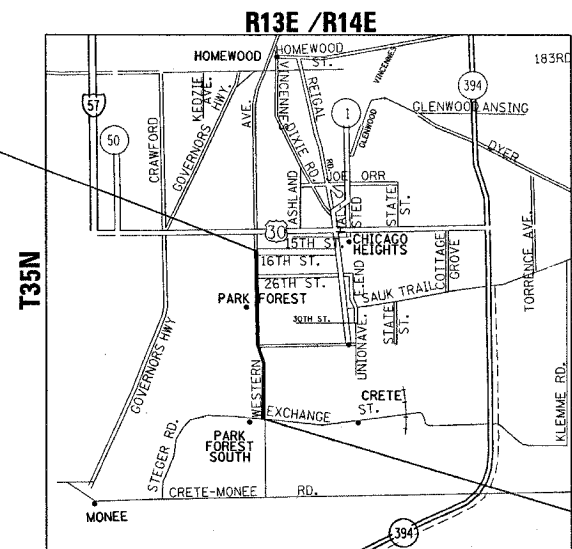


TRAFFIC DATA  
SPEED LIMIT = 35-40 MPH  
2002 ADT = 20,100

PROJECT BEGINS  
STATION 119 + 41

STA. EQUATION  
STA. 228 + 08.78 BK  
STA. 9 + 97.52 AH

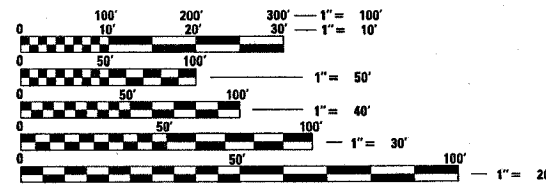
OMISSION FROM:  
STA. 220 + 85 TO STA. 221 + 20  
STA. 86 + 15.7 TO STA. 86 + 45.9



PROJECT ENDS  
STATION 219 + 10

BLOOM & RICH TOWNSHIPS

GROSS LENGTH OF PROJECT = 11842.26 LF = 2.24 MILE  
NET LENGTH OF PROJECT = 11777.06 LF = 2.23 MILE



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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 6-27 20 07

Debra J. Off  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

August 17, 20 07  
Eric E. Horn  
ENGINEER OF DESIGN AND ENVIRONMENT

August 17, 20 07  
Milton R. Sees, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

DISTRICT ONE - DESIGN - PLAN PREPARATION  
KEN ENG / ROBERT BORO (847) 705-4178

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
424001-04	SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED
442201-02	CLASS C AND D PATCHES
542301-01	PRECAST REINF. CONC. FLARED END SECTION
602011	CATCH BASIN, TYPE C
602101-01	DRAINAGE STRUCTURES, TYPES 1, 2 AND 3
602301-01	INLET, TYPE A
602401-01	MANHOLE, TYPE A
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-02	FRAME AND LIDS, TYPE 1
604036-01	GRATE, TYPE 8
604091-01	FRAME AND GRATES, TYPE 24
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-07	STEEL PLATE BEAM GUARDRAIL
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
701101-01	OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 M (15') AWAY
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS
701601-04	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-03	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-06	TRAFFIC CONTROL DEVICES
635011-01	

PLOT DATE = 6/27/2007  
 FILE NAME = c:\projects\1416\1\design\_ae.dgn  
 PLOT SCALE = 50.0000 / 1" = 100'-0"  
 USER NAME = amarrs

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>WESTERN AVE. (16TH ST. TO STEGER)</b>  <b>INDEX OF SHEETS</b> <b>LIST OF STATE STANDARDS</b>  SCALE: VERT. _____ HORIZ. _____ DATE _____
DRAWN BY _____		CHECKED BY _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	3
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

## GENERAL NOTES

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

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, CITY OF CHICAGO HEIGHTS AND VILLAGE OF PARK FOREST

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

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 WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

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

THE RESIDENT ENGINEER SHALL CONTACT MS. PATRICE HARRIS AREA TRAFFIC FIELD ENGINEER AT (708) 597-9800 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKING.

WHEN CONSTRUCTING SIDEWALK RAMPS FOR THE HANDICAPPED (STATE STANDARD 424001). USE TYPE B RAMPS UNLESS OTHERWISE SPECIFIED.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.

PRIOR TO EMBANKMENT PLACEMENT ALL VEGETATION, LOOSE MATERIAL, AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL. ANY EMBANKMENT WIDENING ON EXISTING SLOPES SHOULD BE BENCHED IN ACCORDANCE WITH ARTICLE 205.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF PARK FORREST AND THE CITY OF CHICAGO HEIGHTS. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER

TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING TREE STRUCTURE. THE EXPENSE OF ANY REQUIRED HAND EXCAVATION AS DESCRIBED ABOVE, SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT LINE ITEM BEING REMOVED OR INSTALLED AT THAT LOCATION.

TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.

ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.

THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO THE EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION WESTERN AVE. (16TH ST. TO STEGER)  <b>GENERAL NOTES</b>
NAME	DATE	
		SCALE: VERT. : NONE HORIZ. : NONE DATE : DRAWN BY: CHECKED BY:

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	4
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE													
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	M		CMM		M						NP		NP	
				80% FED. 20% STATE	80% FED. 17% PARK FOREST 3% CHICAGO HEIGHTS	80% FED. 10% STATE 10% PARK FOREST	80% FED. 13% STATE 6% PARK FOREST	80% FED. 20% STATE	80% FED. 13% STATE 6% PARK FOREST	80% FED. 15% STATE 5% PARK FOREST	80% FED. 20% STATE 5% PARK FOREST 5% CHICAGO HEIGHTS	80% FED. 20% STATE	100% PARK FOREST	80% STATE 19% PARK FOREST			
				1000-2A	Y030-1E	Y047	TRAFFIC SIGNALS MONEE ROAD	TRAFFIC SIGNALS SAUK TRAIL	TRAFFIC SIGNALS MAIN STREET	TRAFFIC SIGNALS NORWOOD BLVD	TRAFFIC SIGNALS NORWOOD PLAZA	TRAFFIC SIGNALS NORTH ST/ BEACAN BLVD	TRAFFIC SIGNALS ILLINOIS ST/16TH STREET	INTER-CONNECT	Y031-3D	Y007	
X8302397	LIGHT POLE, ALUMINUM, 25 FT. M. H., 15 FT. MAST ARM	EACH	1		1												
X8166794	UNIT DUCT WITH 4-1/C NO. 6 & 1/C NO. 6 GROUND, 600V (XLP-TYPE USE), 1.5" DIA POLYETHYLENE	FOOT	16918	14803	2115												
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	50	50													
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	230	230													
20101000	TEMPORARY FENCE	FOOT	3000	3000													
20101200	TREE ROOT PRUNING	EACH	20	20													
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10	10													
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	15	15													
20200100	EARTH EXCAVATION	CU YD	10191	10191													
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	12937	12937													
20400800	FURNISHED EXCAVATION	CU YD	1872	1872													
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	186	186													
20800150	TRENCH BACKFILL	CU YD	6128	6128													
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	33000	33000													
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	408	408													
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	408	408													
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	408	408													
25100630	EROSION CONTROL BLANKET	SQ YD	13552	13552													
25200110	SODDING, SALT TOLERANT	SQ YD	33000	33000													
25200200	SUPPLEMENTAL WATERING	UNIT	330	330													
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	500	500													
28000300	TEMPORARY DITCH CHECKS	EACH	20	20													
28000510	INLET FILTERS	EACH	180	180													
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	641	641													
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	4034	4034													
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	40	40													
40600300	AGGREGATE (PRIME COAT)	TON	200	200													
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	16	16													
40600895	CONSTRUCTING TEST STRIP	EACH	2	2													

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES	
NAME	DATE		

7/2/2007 10:28:46 AM



F. A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	5
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE													
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	M		CMM		M						NP		NP	
				80% FED. 20% STATE	80% FED. 17% PARK FOREST 3% CHICAGO HEIGHTS	80% FED. 10% STATE 10% PARK FOREST	80% FED. 13.7% STATE 6.3% PARK FOREST	80% FED. 20% STATE	80% FED. 13.7% STATE 6.3% PARK FOREST	80% FED. 15% STATE 5% PARK FOREST	80% FED. 20% STATE	80% FED. 5% PARK FOREST 5% CHICAGO HEIGHTS	80% FED. 20% STATE	100% PARK FOREST	80% STATE 19% PARK FOREST		
				1000-2A	Y030-1E	Y047	TRAFFIC SIGNALS MONEE ROAD	TRAFFIC SIGNALS SAUK TRAIL	TRAFFIC SIGNALS MAIN STREET	TRAFFIC SIGNALS NORWOOD BLVD	TRAFFIC SIGNALS NORWOOD PLAZA	TRAFFIC SIGNALS NORTH ST/ BEACAN BLVD	TRAFFIC SIGNALS ILLINOIS ST/16TH STREET	INTER-CONNECT	VILLAGE OF PARK FOREST TRAFFIC SIGNAL PREEMPTION	VILLAGE OF PARK FOREST OUTLET SEWER UPGRADES	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	480	480													
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	400	400													
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	460	460													
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	240			240											
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	7840	7840													
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	441	281		160											
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	4870	4870													
42001300	PROTECTIVE COAT	SQ YD	10780	10780													
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	23153	23153													
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	49650	49650													
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2986	2986													
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	28560	28560													
44000600	SIDEWALK REMOVAL	SQ FT	22335	22335													
44002224	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 6"	SQ YD	1363	1363													
44003100	MEDIAN REMOVAL	SQ FT	19556	19556													
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	763	763													
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	253	253													
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	347	347													
44201811	CLASS D PATCHES, TYPE I, 14 INCH	SQ YD	51	51													
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	92	92													
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	622	622													
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	3584	3584													
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	13847	13847													
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1													
▲ 55037700	STORM SEWERS TO BE CLEANED 10"	FOOT	330	330													

▲ NON-PARTICIPATING

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	SUMMARY OF QUANTITIES	

7/2/2007

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	1000-2A	CONSTRUCTION TYPE CODE												
CODE NO	ITEM	UNIT			80% FED. 20% STATE	80% FED. 17% PARK FOREST 3% CHICAGO HEIGHTS	80% FED. 10% STATE 10% PARK FOREST	80% FED. 13.7% STATE 6.3% PARK FOREST	80% FED. 20% STATE	80% FED. 13.7% STATE 6.3% PARK FOREST	80% FED. 15% STATE	80% FED. 20% STATE	80% FED. 10% STATE 5% PARK FOREST 5% CHICAGO HEIGHTS	80% FED. 20% STATE	NP 100% PARK FOREST	NP 80% STATE 19% PARK FOREST	
					Y030-1E	Y047									Y031-3D	Y007	
					CITY OF CHICAGO HEIGHTS LIGHTING	VILLAGE OF PARK FOREST LIGHTING	VILLAGE OF PARK FOREST MULTI-USE TRAIL	TRAFFIC SIGNALS MONEE ROAD Y031-1F	TRAFFIC SIGNALS SAUK TRAIL Y031-1F	TRAFFIC SIGNALS MAIN STREET Y031-1F	TRAFFIC SIGNALS NORWOOD BLVD Y031-1F	TRAFFIC SIGNALS NORWOOD PLAZA Y031-1F	TRAFFIC SIGNALS NORTH ST/ BEACAN BLVD Y031-1F	TRAFFIC SIGNALS ILLINOIS ST/16TH STREET Y031-1F	INTER-CONNECT Y031-1F	VILLAGE OF PARK FOREST TRAFFIC SIGNAL PREEMPTION	VILLAGE OF PARK FOREST TRAFFIC SIGNAL OUTLET SEWER UPGRADES
55037800	STORM SEWERS TO BE CLEANED 12"	FOOT	2431	2431													
55037900	STORM SEWERS TO BE CLEANED 15"	FOOT	405	405													
55038000	STORM SEWERS TO BE CLEANED 18"	FOOT	113	113													
55038200	STORM SEWERS TO BE CLEANED 24"	FOOT	591	591													
55038400	STORM SEWERS TO BE CLEANED 30"	FOOT	108	108													
55038600	STORM SEWERS TO BE CLEANED 36"	FOOT	214	214													
55038700	STORM SEWERS TO BE CLEANED 42"	FOOT	226	226													
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	5448	5448													
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	540	540													
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1435	1435													
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1831	1654.8												176.2	
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	465	342												123	
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	1454	859												595	
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	937	937													
55100200	STORM SEWER REMOVAL 6"	FOOT	52	52													
55100300	STORM SEWER REMOVAL 8"	FOOT	3	3													
55100400	STORM SEWER REMOVAL 10"	FOOT	1235	1235													
55100500	STORM SEWER REMOVAL 12"	FOOT	1371	1371													
55100900	STORM SEWER REMOVAL 18"	FOOT	1820	1820													
55101200	STORM SEWER REMOVAL 24"	FOOT	967	967													
55101400	STORM SEWER REMOVAL 30"	FOOT	867	867													
55101800	STORM SEWER REMOVAL 42"	FOOT	105	105													
60107700	PIPE UNDERDRAINS 6"	FOOT	1200	1200													
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1													
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	47	47													
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6													
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	6	6													
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	21	21													
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2													

▲ NON-PARTICIPATING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3125 WRS	COOK	195	7
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE													
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	M		CMM		M						NP		NP	
				80% FED. 20% STATE	80% FED. 17% PARK FOREST 3% CHICAGO HEIGHTS	80% FED. 10% STATE 10% PARK FOREST	80% FED. 13% STATE 6% PARK FOREST	80% FED. 20% STATE	80% FED. 13% STATE 6% PARK FOREST	80% FED. 15% STATE 5% PARK FOREST	80% FED. 20% STATE	80% FED. 10% STATE 5% PARK FOREST 5% CHICAGO HEIGHTS	80% FED. 20% STATE	NP 100% PARK FOREST	NP 81% STATE 19% PARK FOREST		
				1000-2A	Y030-1E	Y047	TRAFFIC SIGNALS MONEE ROAD	TRAFFIC SIGNALS SAUK TRAIL	TRAFFIC SIGNALS MAIN STREET	TRAFFIC SIGNALS NORWOOD BLVD	TRAFFIC SIGNALS NORWOOD PLAZA	TRAFFIC SIGNALS NORTH ST/ BEACAN BLVD	TRAFFIC SIGNALS ILLINOIS ST/16TH STREET	INTER-CONNECT	Y031-3D	Y007	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	26	26													
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	12	12													
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1													
60238800	INLETS, TYPE A	EACH	40	40													
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	4	4													
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	11	11													
60402210	GRATES, TYPE B	EACH	33	33													
60404950	FRAMES AND GRATES, TYPE 24	EACH	7	7													
60500040	REMOVING MANHOLES	EACH	27	27													
60500050	REMOVING CATCH BASINS	EACH	36	36													
60500060	REMOVING INLETS	EACH	17	17													
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	841	841													
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	24060	24060													
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4777	4777													
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	675	675													
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	1	1													
63200310	GUARDRAIL REMOVAL	FOOT	874	874													
63304395	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 2	EACH	1	1													
66400105	CHAIN LINK FENCE, 4'	FOOT	80	80													
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18													
67100100	MOBILIZATION	L SUM	1	1													
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1													
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	120	120													
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	14500	14500													
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2116	2116													
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	79708	79708													

\* SPECIALTY ITEMS

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

F.A.J. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	8
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

SUMMARY OF QUANTITIES			M														NP		NP	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	80% FED. STATE	M		CMM		M						80% FED. STATE	NP	NP			
				1000-2A	17% PARK FOREST 3% CHICAGO HEIGHTS	10% STATE 10% PARK FOREST	13% STATE 6% PARK FOREST	80% FED. STATE	13% STATE 6% PARK FOREST	15% STATE 5% PARK FOREST	80% FED. STATE	5% PARK FOREST 5% CHICAGO HEIGHTS	80% FED. STATE	100% PARK FOREST	81% STATE 19% PARK FOREST					
				Y030-1E	Y047	CONSTRUCTION						Y031-3D	Y007							
				CITY OF CHICAGO HEIGHTS LIGHTING	VILLAGE OF PARK FOREST LIGHTING	VILLAGE OF PARK FOREST MULTI-USE TRAIL	TRAFFIC SIGNALS MONEE ROAD	TRAFFIC SIGNALS SAUK TRAIL	TRAFFIC SIGNALS MAIN STREET	TRAFFIC SIGNALS NORWOOD BLVD	TRAFFIC SIGNALS NORWOOD PLAZA	TRAFFIC SIGNALS NORTH ST/ BEACAN BLVD	TRAFFIC SIGNALS ILLINOIS ST/16TH STREET	INTER-CONNECT	VILLAGE OF PARK FOREST TRAFFIC SIGNAL PREEMPTION	VILLAGE OF PARK FOREST OUTLET SEWER UPGRADES				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	6790	6790																
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1321	1321																
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	991	991																
72000100	SIGN PANEL - TYPE 1	SQ FT	48									48								
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	90							18	45		27							
72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	25							25										
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2116	2116																
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	32600	32600																
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6790	6790																
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1321	1321																
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	991	991																
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	522	522																
78200405	GUARDRAIL MARKERS	EACH	5	5																
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2																
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	522	522																
80400100	ELECTRIC SERVICE INSTALLATION	EACH	12		10	2														
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	9728				3480		268	308		53	5619							
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	415				20	27	96	83	120	69								
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	48						48											
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	30							20		10								
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1146				73			117			956							
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	2116		1977	139														
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	829						188	306		210	125							

\* SPECIALTY ITEMS

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

7/2/07 10:46:58 AM

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	M		CMM		M		M		M		NP		NP		
CODE NO	ITEM	UNIT		1000-2A	80% FED. 20% STATE	80% FED. 17% PARK FOREST 3% CHICAGO HEIGHTS	80% FED. 10% STATE 10% PARK FOREST	80% FED. 13.7% STATE 6.3% PARK FOREST	80% FED. 20% STATE	80% FED. 13.7% STATE 6.3% PARK FOREST	80% FED. 15% STATE 5% PARK FOREST	80% FED. 20% STATE	80% FED. 5% PARK FOREST 5% CHICAGO HEIGHTS	80% FED. 20% STATE	NP 100% PARK FOREST	NP 8% STATE 19% PARK FOREST		
				Y030-1E	Y047									Y031-3D	Y007			
				CITY OF CHICAGO HEIGHTS LIGHTING	VILLAGE OF PARK FOREST LIGHTING	VILLAGE OF PARK FOREST MULTI-USE TRAIL	TRAFFIC SIGNALS MONEE ROAD Y031-1F	TRAFFIC SIGNALS SAUK TRAIL Y031-1F	TRAFFIC SIGNALS MAIN STREET Y031-1F	TRAFFIC SIGNALS NORWOOD BLVD. Y031-1F	TRAFFIC SIGNALS NORWOOD PLAZA Y031-1F	TRAFFIC SIGNALS NORTH ST/ BEACAN BLVD Y031-1F	TRAFFIC SIGNALS ILLINOIS ST/16TH STREET Y031-1F	INTER-CONNECT Y031-1F	VILLAGE OF PARK FOREST TRAFFIC SIGNAL PREEMPTION	VILLAGE OF PARK FOREST TRAFFIC SIGNAL SEWER UPGRADES		
81400100	HANDHOLE	EACH	18				1		3	3		1		10				
81400200	HEAVY-DUTY HANDHOLE	EACH	3		3													
81400300	DOUBLE HANDHOLE	EACH	2							1		1						
81603025	UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	78	60	18													
81603035	UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	5311	4676	635													
81603110	UNIT DUCT, 600V, 4-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	953	877	76													
81800320	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	20658	18001	2657													
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	30670	20498	2844		409		449	493		247	111	5619				
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	136	119	17													
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	96	82	14													
82500505	LIGHTING CONTROLLER, SPECIAL	EACH	12	10	2													
83007500	LIGHT POLE, ALUMINUM, 35 FT. M. H., 12 FT. MAST ARM	EACH	104	88	16													
83007600	LIGHT POLE, ALUMINUM, 35 FT. M. H., 15 FT. MAST ARM	EACH	24	23	1													
83008500	LIGHT POLE, ALUMINUM, 40 FT. M. H., 12 FT. MAST ARM	EACH	4	3	1													
83008600	LIGHT POLE, ALUMINUM, 40 FT. M. H., 15 FT. MAST ARM	EACH	5	5														
83057200	LIGHT POLE, WOOD, 40 FOOT, CLASS 2	EACH	12	11	1													
83057285	LIGHT POLE, WOOD, 50 FOOT, CLASS 3, WITH 15FT MAST ARM	EACH	91	78	13													
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	44	44														
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	13	13														
83600350	LIGHT POLE FOUNDATION METAL, 11" BOLT CIRCLE, 8" X 6'	EACH	128	111	17													
83600355	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 6'	EACH	8	7	1													
83800505	BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	141	123	18													
84100110	REMOVAL OF TEMPORARY LIGHTING UNITS	EACH	91	78	13													

\* SPECIALTY ITEMS

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	10
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE																
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	80% FED. 20% STATE	80% FED. 17% PARK FOREST 3% CHICAGO HEIGHTS	80% FED. 10% STATE 10% PARK FOREST	80% FED. 13.7% STATE 0.3% PARK FOREST	80% FED. 20% STATE	80% FED. 13.7% STATE 6.3% PARK FOREST	80% FED. 15% STATE 5% PARK FOREST	80% FED. 20% STATE	80% FED. 5% PARK FOREST 5% CHICAGO HEIGHTS	80% FED. 20% STATE	NP 100% PARK FOREST	NP 81% STATE 19% PARK FOREST				
				1000-2A	Y030-1E	Y047								Y031-3D	Y007				
					CITY OF CHICAGO HEIGHTS LIGHTING	VILLAGE OF PARK FOREST LIGHTING	VILLAGE OF PARK FOREST MULTI-USE TRAIL	TRAFFIC SIGNALS MONEE ROAD Y031-1F	TRAFFIC SIGNALS SAUK TRAIL Y031-1F	TRAFFIC SIGNALS MAIN STREET Y031-1F	TRAFFIC SIGNALS NORWOOD BLVD Y031-1F	TRAFFIC SIGNALS NORWOOD PLAZA Y031-1F	TRAFFIC SIGNALS NORTH ST/ BEACAN BLVD Y031-1F	TRAFFIC SIGNALS ILLINOIS ST/16TH STREET Y031-1F	INTER-CONNECT Y031-1F	VILLAGE OF PARK FOREST TRAFFIC SIGNAL PREEMPTION	VILLAGE OF PARK FOREST OUTLET SEWER UPGRADES		
84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	86		85	1													
84200700	LIGHTING FOUNDATION REMOVAL	EACH	86		85	1													
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	11		11														
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	3		3														
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	11		11														
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2					1	1										
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	6					1	1	1	1		1	1					
86400100	TRANSCEIVER - FIBER OPTIC	EACH	6					1	1	1	1		1	1					
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3447						290	690	842		1007	618					
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6938					311	306	1449	2004		1957	911					
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4800					817		782	666		987	1548					
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	5741					161		725	2618		1562	675					
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8700					868		1486	1863		2569	1914					
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	212							18	62		69	63					
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2							1	1								
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2					2											
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	9					1		2			4	2					
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1											1					
87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1											1					
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1											1					
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1									1							
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1									1							

\* SPECIALTY ITEMS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	SUMMARY OF QUANTITIES	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	11
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE													
CODE NO	ITEM	UNIT		1000-2A	Y030-1E		Y047	TRAFFIC SIGNALS MONEE ROAD	TRAFFIC SIGNALS SAUK TRAIL	TRAFFIC SIGNALS MAIN STREET	TRAFFIC SIGNALS NORWOOD BLVD	TRAFFIC SIGNALS NORWOOD PLAZA	TRAFFIC SIGNALS NORTH ST/ BEACAN BLVD	TRAFFIC SIGNALS ILLINOIS ST/16TH STREET	INTER-CONNECT	Y031-3D	Y007
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2								2						
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	44				4		8			16	16				
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4										4				
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	180							30	60	60	30				
87900200	DRILL EXISTING HANDHOLE	EACH	73				10		2	22		24	7	8			
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	14				3		3	2		4	2				
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5				2		3								
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5						3			2					
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	14				1		1	6		4	2				
88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2										2				
88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2							2							
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	3				1					2					
88030310	SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1				1										
88030330	SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED	EACH	2										2				
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	10						2			4	4				
88102740	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	9						2	4		2	1				
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	28				4		4	8		8	4				
88500100	INDUCTIVE LOOP DETECTOR	EACH	50				6	8	7	10		10	9				
88600100	DETECTOR LOOP, TYPE I	FOOT	4120				457	453	538	1102		941	629				
88700200	LIGHT DETECTOR	EACH	8												8		
88700300	LIGHT DETECTOR AMPLIFIER	EACH	4												4		
88800100	PEDESTRIAN PUSH-BUTTON	EACH	19						4	4		6	5				
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4						1	1		1	1				

\* SPECIALTY ITEMS

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

F.A.U. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	12
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

SUMMARY OF QUANTITIES				M		CMM		M										NP	NP
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	80% FED. 20% STATE	80% FED. 17% PARK FOREST 3% CHICAGO HEIGHTS	80% FED. 10% STATE 10% PARK FOREST	80% FED. 13.7% STATE 6.3% PARK FOREST	80% FED. 20% STATE	80% FED. 13.7% STATE 6.3% PARK FOREST	80% FED. 15% STATE 5% PARK FOREST	80% FED. 20% STATE	80% FED. 5% PARK FOREST HEIGHTS	80% FED. 20% STATE	NP 100% PARK FOREST	NP 81% STATE 19% PARK FOREST				
				1000-2A	Y030-1E	Y047										Y031-3D	Y007		
				CONSTRUCTION TYPE CODE															
				CITY OF CHICAGO HEIGHTS LIGHTING	VILLAGE OF PARK FOREST LIGHTING	VILLAGE OF PARK FOREST MULTI-USE TRAIL	TRAFFIC SIGNALS MONEE ROAD Y031-1F	TRAFFIC SIGNALS SAUK TRAIL Y031-1F	TRAFFIC SIGNALS MAIN STREET Y031-1F	TRAFFIC SIGNALS NORWOOD BLVD Y031-1F	TRAFFIC SIGNALS NORWOOD PLAZA Y031-1F	TRAFFIC SIGNALS NORTH ST/BEACAN BLVD Y031-1F	TRAFFIC SIGNALS ILLINOIS ST/16TH STREET Y031-1F	INTER-CONNECT Y031-1F	VILLAGE OF PARK FOREST TRAFFIC SIGNAL PREEMPTION	VILLAGE OF PARK FOREST OUTLET SEWER UPGRADES			
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2					2											
89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2					2											
89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	6					2				4							
89502215	MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1				1												
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	36371				1134	553	4200	7743	3504	6391	5159	7687					
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	375					375											
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7				1	1	1	1	1	1	1						
89502380	REMOVE EXISTING HANDHOLE	EACH	20											7					
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	37				1		4	9	7	8	8						
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7															
A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6															
A2012001	TREE, AESCULUS X CARNE BRIOTTI (BRIOTTI HORSECHESTNUT), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6															
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	900	900															
X0322453	WEED CONTROL, PRE-EMERGENT	POUND	50	50															
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	290	290															
* X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	12100											12100					
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	360	360															
* X0323927	MAINTENANCE OF LIGHTING SYSTEM	EACH	1			1													
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	23684	23684															
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	3555	3555															
X0324387	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	141		123	18													
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	11	11															
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	14	14															
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	2090	2090															
* X8050010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	2						1				1						

\* SPECIALTY ITEMS

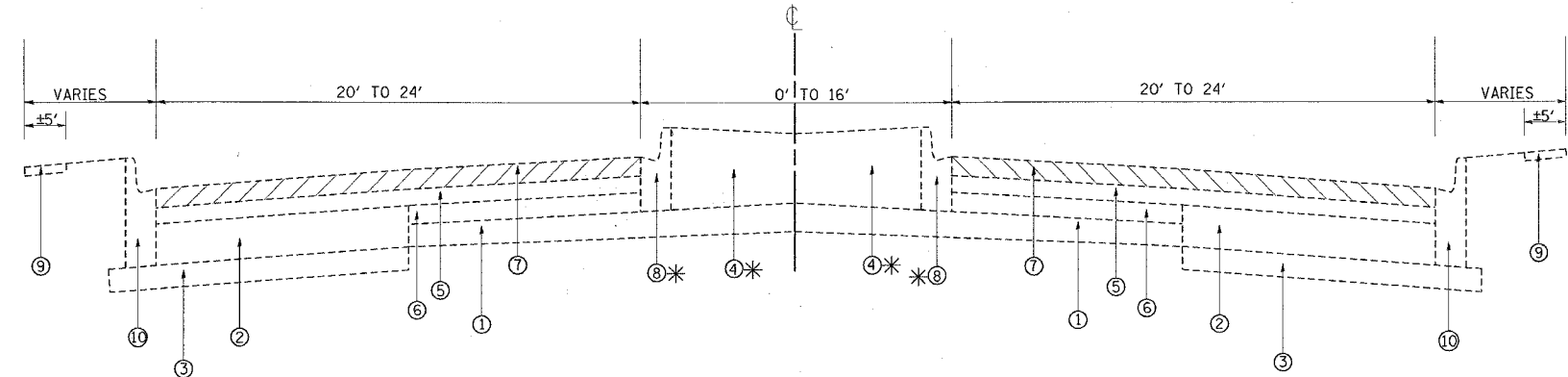
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

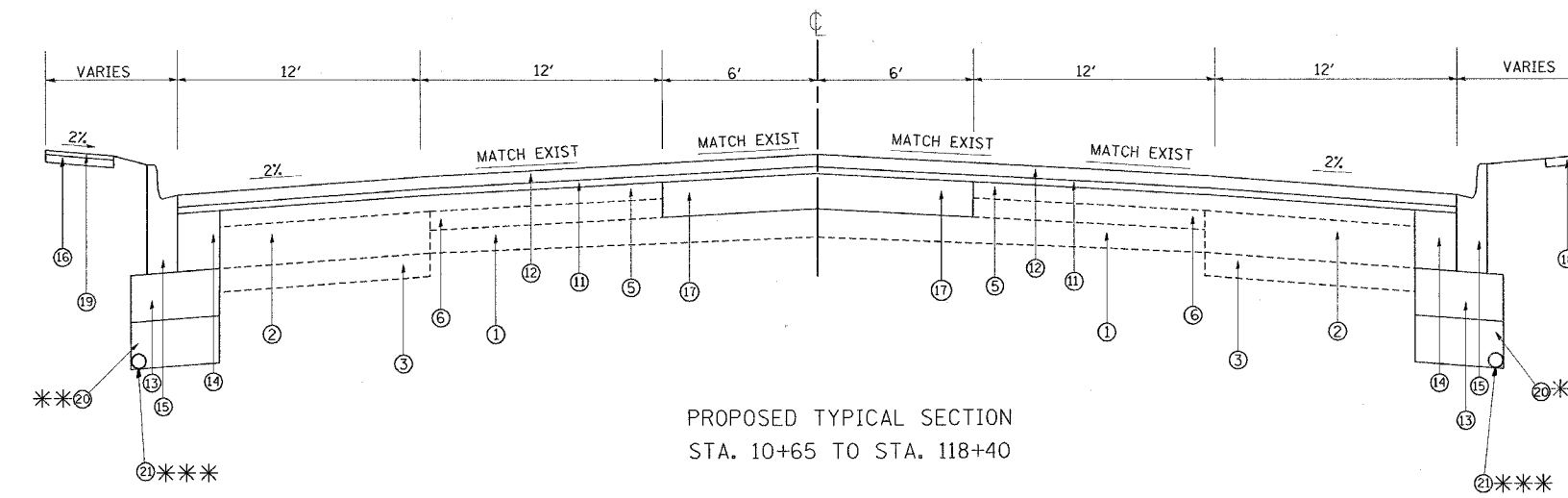




F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL SECTION  
STA. 10+65 TO STA. 118+40



PROPOSED TYPICAL SECTION  
STA. 10+65 TO STA. 118+40

- \* STA. 14+63 TO STA.17+40
- STA. 65+92 TO STA. 80+35
- STA. 109+55 TO STA. 118+40
- \*\* STA. 39+50 TO STA. 42+62
- \*\*\* STA. 18+00 TO STA. 19+00
- STA. 25+00 TO STA. 26+00
- STA. 39+50 TO STA. 40+50
- STA. 59+50 TO STA. 60+50
- STA. 90+00 TO STA. 91+00
- STA 105+00 TO STA. 106+00

**LEGEND**

- ① EXISTING P.C.C PAVEMENT (7"-9")
- ② EXISTING PCC WIDENING (7")
- ③ EXISTING AGGREGATE SUBGRADE
- ④ EXISTING STABILIZED MEDIAN TO BE REMOVED
- ⑤ EXISTING HMA. AFTER MILLING SURFACE
- ⑥ EXISTING HMA. BASE COURSE
- ⑦ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ⑧ EXISTING CURB & GUTTER TO BE REMOVED
- ⑨ EXISTING SIDEWALK
- ⑩ EXISTING CURB & GUTTER, TYPE B-6.24
- ⑪ PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑫ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑬ PROP. AGGREGATE SUBGRADE, 12"
- ⑭ PROP. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 12 1/2" (4" LIFTS)
- ⑮ PROP. CURB & GUTTER, TYPE B-6.24
- ⑯ PROP HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 2 1/4"
- ⑰ PROP. HOT-MIX ASPHALT BASE COURSE, 8"
- ⑱ PROP. PCC SIDEWALK, 5" VARIOUS LOCATIONS, SEE PLANS FOR DETAILS
- ⑲ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑳ PROP. PGES 12"
- ㉑ PROP. PIPE UNDERDRAINS 6"

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

	MIXTURE USE	AC TYPE	AIR VOIDS (%)
ROADWAY PAVEMENT	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	SBS/SBR PG 76-28/22	4% @ 50 GYR
	HOT-MIX ASPHALT BASE COURSE, 6", 8" (HMA BINDER IL-19mm)	PG 64-22*	4% @ 50 GYR
	POLYMERIZED HMA SURFACE COURSE, MIX "F" N90, IL-9.5mm	SBS/SBR PG 70-22	4% @ 90 GYR
WIDE PATCHING	HMA REPLACEMENT OVER PATCHES, (IL-19mm HMA BINDER)	PG 64-22*	4% @ 70 GYR
	ALL CLASS D PATCHES, 9", 14" (IL-19mm HMA BINDER)	PG 64-22*	4% @ 70 GYR
BIKE TRAIL	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N90	SBS/SBR PG 70-22	4% @ 90 GYR
	HMA SURFACE COURSE, MIX "C" N50, IL-9.5mm	PG 64-22	4% @ 50 GYR

**SUBGRADE TREATMENT PLAN NOTES**

POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN RECOMMENDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIAL UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

- 1- PROPOSED 12" AGGREGATE SUBGRADE SUFFICIENT AT ALL STATIONS EXCEPT AS SHOWN.
  - 2- DEPTH REFERS TO DEPTH OF REMEDIAL TREATMENT BELOW AGGREGATE SUBGRADE.
  - 3- REPLACEMENT MATERIAL OR TREATMENT
- EMBANKMENT MATERIAL AND PLACEMENT IN ACCORDANCE WITH SECTIONS 205, 206, 507 AND 210  
PGES- POROUS GRANULAR EMBANKMENT, SUBGRADE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVE.  
(16TH ST. TO STEGER.)  
EXISTING AND PROPOSED  
TYPICAL SECTION**

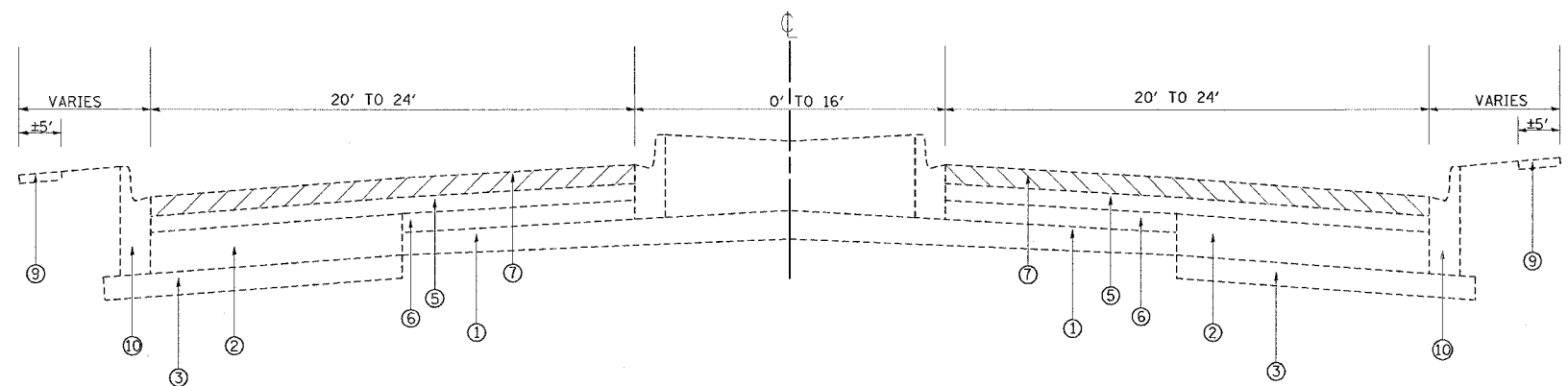
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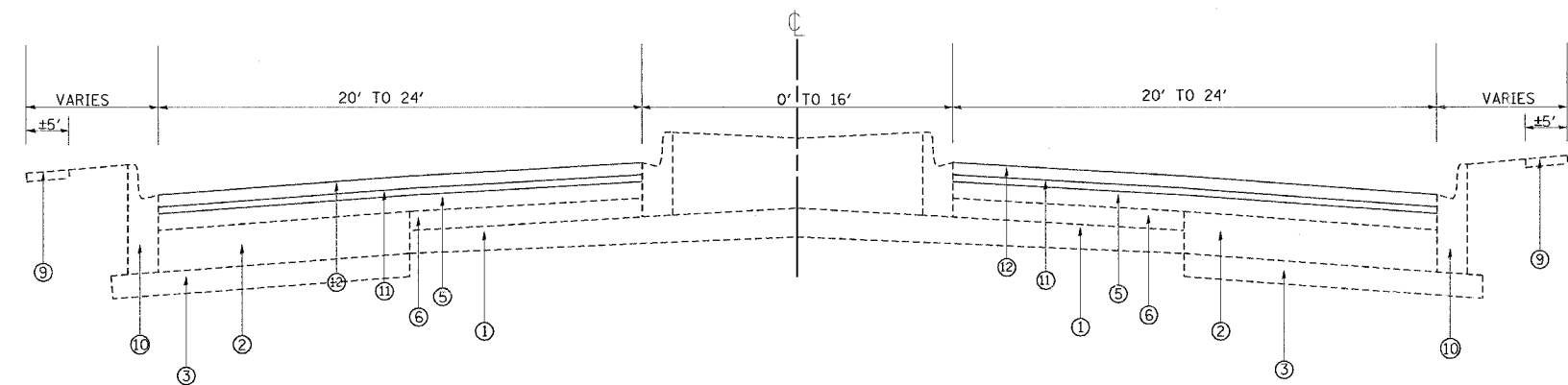
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 USER = 502008 / JLN  
 USER = gmetts

NOTE: THE UNIT WEIGHT USED TO CALCULATE HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN  
\*WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EXISTING TYPICAL SECTION  
STA. 219+10 TO STA. 14+10



PROPOSED TYPICAL SECTION  
STA. 219+10 TO STA. 14+10

**LEGEND**

- ① EXISTING P.C.C. PAVEMENT (7"-9")
- ② EXISTING PCC WIDENING (7")
- ③ EXISTING AGGREGATE SUBGRADE
- ④ EXISTING STABILIZED MEDIAN TO BE REMOVED
- ⑤ EXISTING HMA. AFTER MILLING SURFACE
- ⑥ EXISTING HMA. BASE COURSE
- ⑦ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ⑧ EXISTING CURB & GUTTER TO BE REMOVED
- ⑨ EXISTING SIDEWALK
- ⑩ EXISTING CURB & GUTTER, TYPE B-6.24
- ⑪ PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑫ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑬ PROP. AGGREGATE SUBGRADE, 12"
- ⑭ PROP. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 12 1/2" (4" LIFTS)
- ⑮ PROP. CURB & GUTTER, TYPE B-6.24
- ⑯ PROP HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 2 1/4"
- ⑰ PROP. HOT-MIX ASPHALT BASE COURSE, 8"
- ⑱ PROP. PCC SIDEWALK, 5" VARIOUS LOCATIONS, SEE PLANS FOR DETAILS
- ⑲ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑳ PROP. PGES 12"
- ㉑ PROP PIPE UNDERDRAINS 6"

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVE.  
(16TH ST. TO STEGER.)  
EXISTING AND PROPOSED  
TYPICAL SECTION**

SCALE: VERT. NONE  
HORIZ. DATE

DRAWN BY  
CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTHWORK SCHEDULE					
WESTERN AVE.	EARTH EXCAVATION (CU. YD)	UNSUITABLE MATERIAL (CU.YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU.YD.)	EMBANKMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
219+10 TO 119+41	10191	12926	8662	6791	+1871

TREE REMOVAL SCHEDULE				
STATION	OFFSET/ SIDE (FEET)	TYPE	6 TO 15 UNIT DIAMETER	OVER 15 UNIT DIAMETER
21+08	35.2' RT	HONEY LOCUST		18
22+92	35.6' RT	HONEY LOCUST		24
43+87	47.6' LT	SILVER MAPLE		18
44+18	48.1' LT	SILVER MAPLE		18
52+65	34.6' LT	SILVER MAPLE	14	18
55+51	30.0' LT	SILVER MAPLE		18
56+17	35.7' LT	SILVER MAPLE		18
58+70	36.1' LT	ASH		18
85+10	40.0 LT	SILVER MAPLE		16
85+10	40.0 RT	SILVER MAPLE	10	
85+30	40.0 LT	SILVER MAPLE		16
85+30	40.0 RT	SILVER MAPLE	12	
85+60	40.0 LT	SILVER MAPLE		16
85+60	40.0 RT	SILVER MAPLE	14	
85+85	40.0 LT	SILVER MAPLE		16
85+85	40.0 RT	SILVER MAPLE		16
TOTALS			50	230

**NOTE:**

A THICKNESS OF 12 INCHES OF TOPSOIL STRIPPING SHALL BE USED FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVE.  
 (16TH ST. TO STEGER.)  
 SCHEDULE OF QUANTITIES**

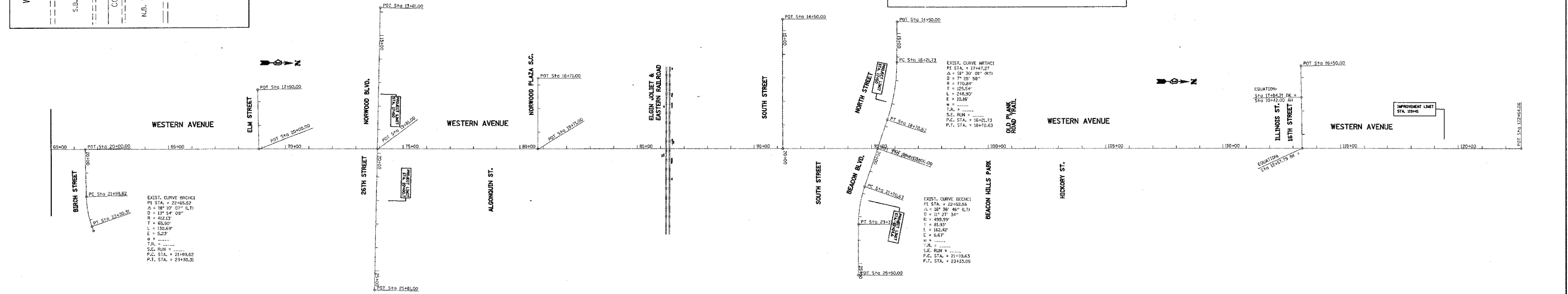
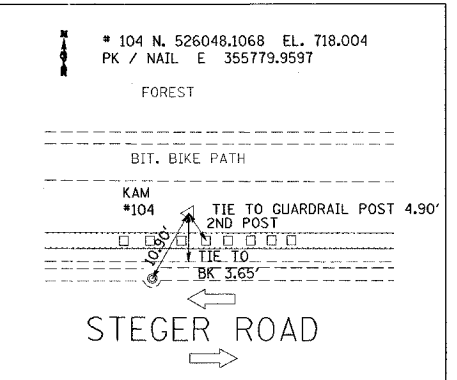
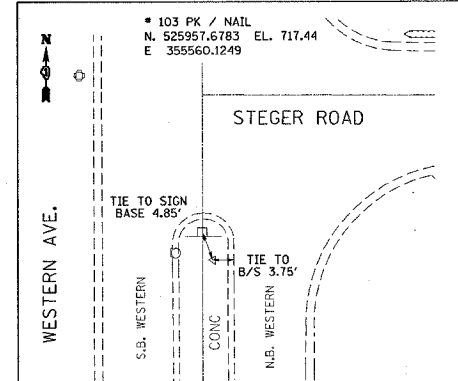
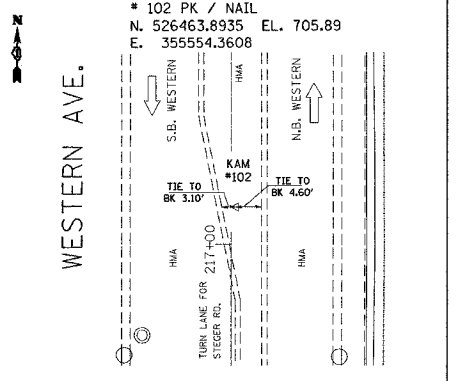
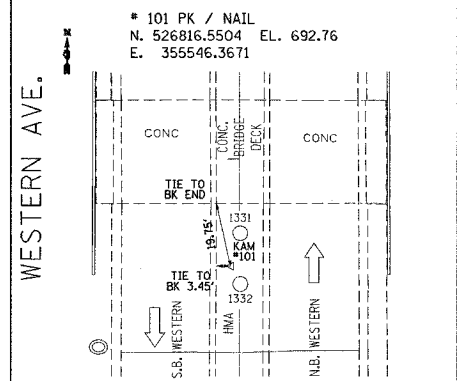
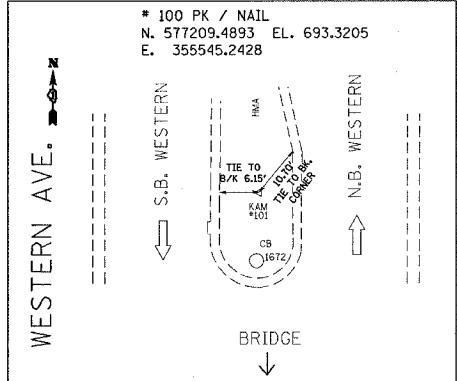
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

B.M. #1 ELEV. 701.10  
N.E. CORNER OF CONC. PAD OF GREEN CONTROLLER BOX ON WEST SIDE OF APPLE LANE

B.M. #2 ELEV. 694.60  
N.E. FLANGE BOLT ON F.H. ON NORTHWEST CORNER OF WESTERN AVE. + MONEE ROAD A.G.L. 210

B.M. #3 ELEV. 717.97  
N.E. CORNER OF CONC. PAD FOR TRAFFIC SIGNAL CONTROLLER BOX ON NORTHWEST CORNER OF WESTERN AVE. + STEGER ROAD



PLOT DATE = 6/28/2007  
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USER NAME = bauer-d

REVISIONS	
NAME	DATE

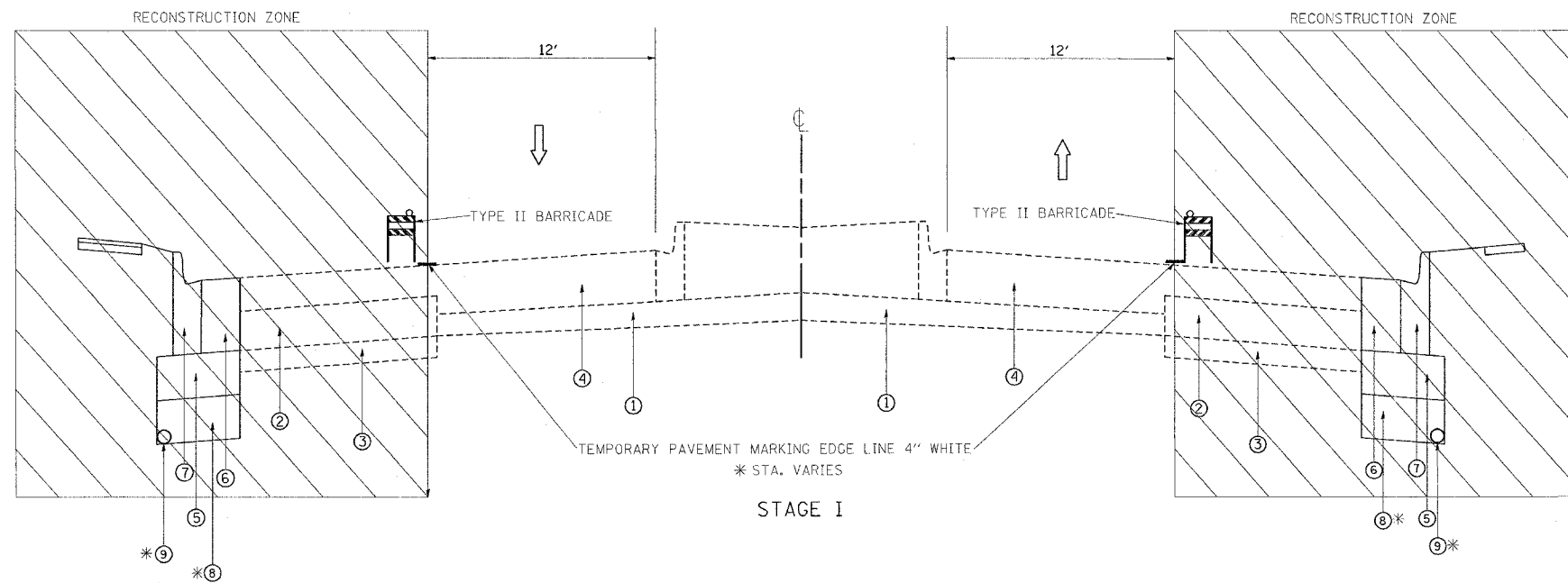
ILLINOIS DEPARTMENT OF TRANSPORTATION  
WESTERN AVE.  
BEACON BLVD./NORTH ST.  
ALIGNMENT AND TIES PLAN

SCALE: VERT. 1"=200'  
HORIZ. 1"=100'  
DATE 6/28/2007

DRAWN BY  
CHECKED BY

MATCHLINE STA. 60+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① EXISTING P.C.C PAVEMENT
  - ② EXISTING PCC WIDENING
  - ③ EXISTING AGGREGATE SUBGRADE
  - ④ EXISTING HMA. BASE AND SURFACE COURSE
  - ⑤ PROP. AGGREGATE SUBGRADE
  - ⑥ PROP. HMA WIDENING
  - ⑦ PROP. CURB & GUTTER, TYPE B-6.24
  - ⑧ PROP. PGES 12"
  - ⑨ PROP. PIPE UNDERDRAINS 6"

TO BE PERFORMED PRIOR TO ANY LONG TERM LANE CLOSURES FOR ENTIRE CONTRACT

**SUGGESTED TRAFFIC CONTROL & PROTECTION**

TRAFFIC WILL BE LIMITED TO ONE LANE IN EACH DIRECTION.  
 INSTALL TEMPORARY TRAFFIC CONTROL DEVICES & SIGNS.  
 MAINTAIN TRAFFIC @ INTERSECTION CONSTRUCTION IN ACCORDANCE WITH IDOT STANDARD 701606, 701701 & 701326.  
 MAINTAIN DRIVEWAY & ENTRANCE ACCESS WITH AGGREGATE FOR TEMPORARY ACCESS (EACH).

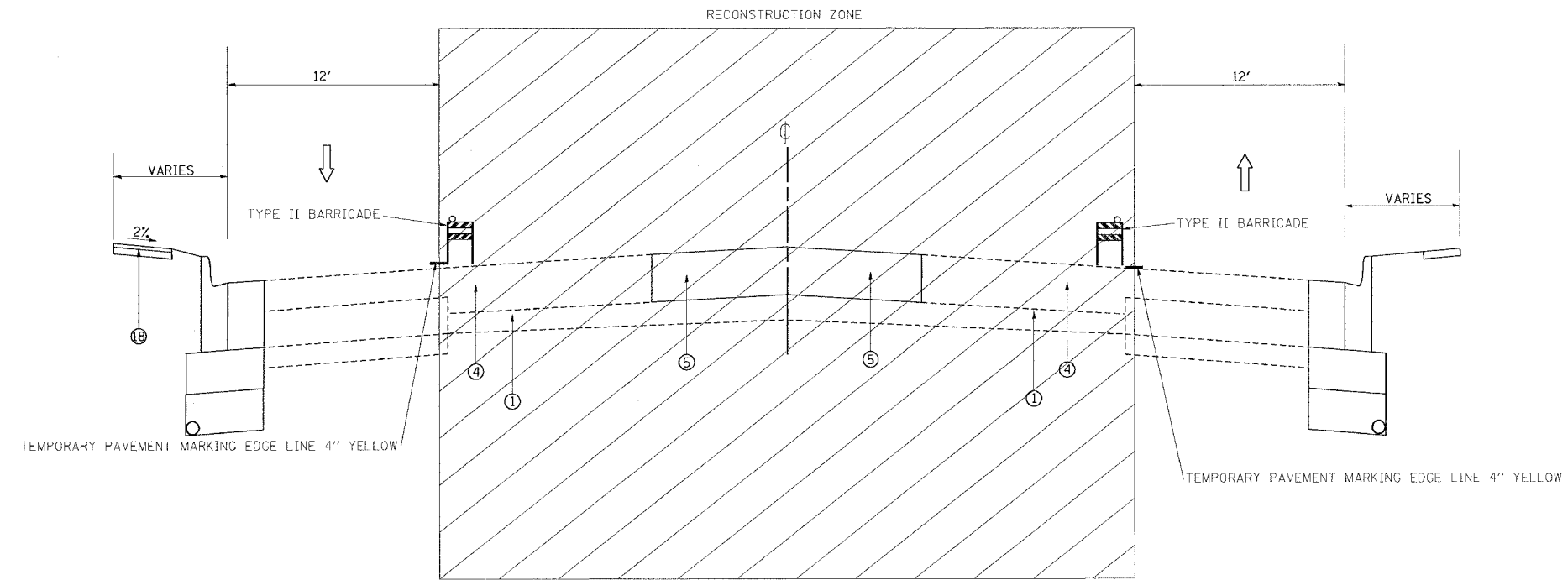
**CONSTRUCTION**

- INSTALL PERIMETER EROSION CONTROL BARRIER.
- REMOVE EXISTING CURB & GUTTER.
- CONSTRUCT PROPOSED HMA WIDENING.
- RECONSTRUCT DRIVEWAYS AND ENTRANCES.
- REMOVE & REPLACE SIDEWALKS.
- CONSTRUCT 10' MULTI-USE TRAIL.
- CONSTRUCT RETAINING WALL.
- PERFORM DRAINAGE WORK IN ACCORDANCE WITH PLANS.
- PERFORM EROSION & SEDIMENT CONTROL IN ACCORDANCE WITH PLANS.

PLOT DATE = 6/29/2007  
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 USER NAME = omaris

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>WESTERN AVE.</b> <b>(16TH ST. TO STEGER.)</b> <b>STAGE I &amp; SUGGESTED</b> <b>TRAFFIC CONTROL</b>
SCALE:	VERT. DATE	HORIZ. DRAWN BY
		CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- LEGEND**
- ① EXISTING P.C.C PAVEMENT
  - ② EXISTING PCC WIDENING
  - ③ EXISTING AGGREGATE SUBGRADE
  - ④ EXISTING HMA BASE AND SURFACE COURSE
  - ⑤ PROP. MEDIAN WORK

**STAGE II**

**SUGGESTED TRAFFIC CONTROL & PROTECTION**

TRAFFIC WILL BE LIMITED TO ONE LANE IN EACH DIRECTION (OUTSIDE LANES ON NEW PAVEMENT).  
 INSTALL TEMP TRAFFIC CONTROL DEVICES & SIGNS.  
 MAINTAIN TRAFFIC @ INTERSECTION CONSTRUCTION IN ACCORDANCE WITH IDOT STANDARD 701606, 701701 & 701326.

**CONSTRUCTION**

PERFORM PROPOSED MEDIAN WORK.  
 PERFORM DRAINAGE WORK IN ACCORDANCE WITH PLANS.

PLOT DATE = 6/29/2007  
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 USER NAME = amarrs

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVE.  
 (16TH ST. TO STEGER.)  
 STAGE II & SUGGESTED  
 TRAFFIC CONTROL**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

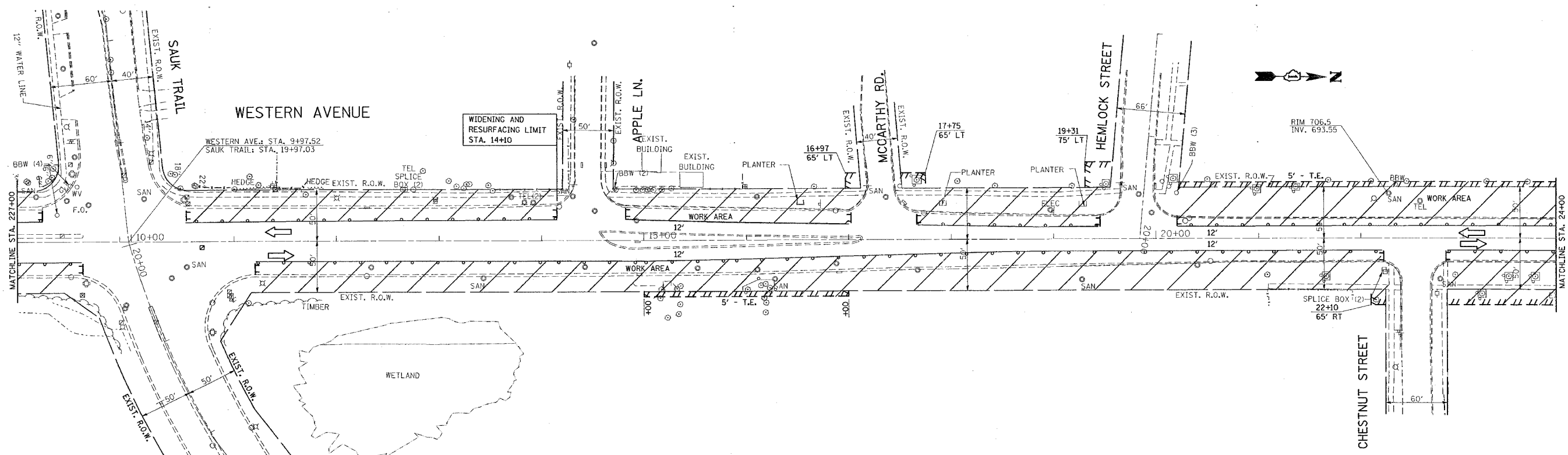
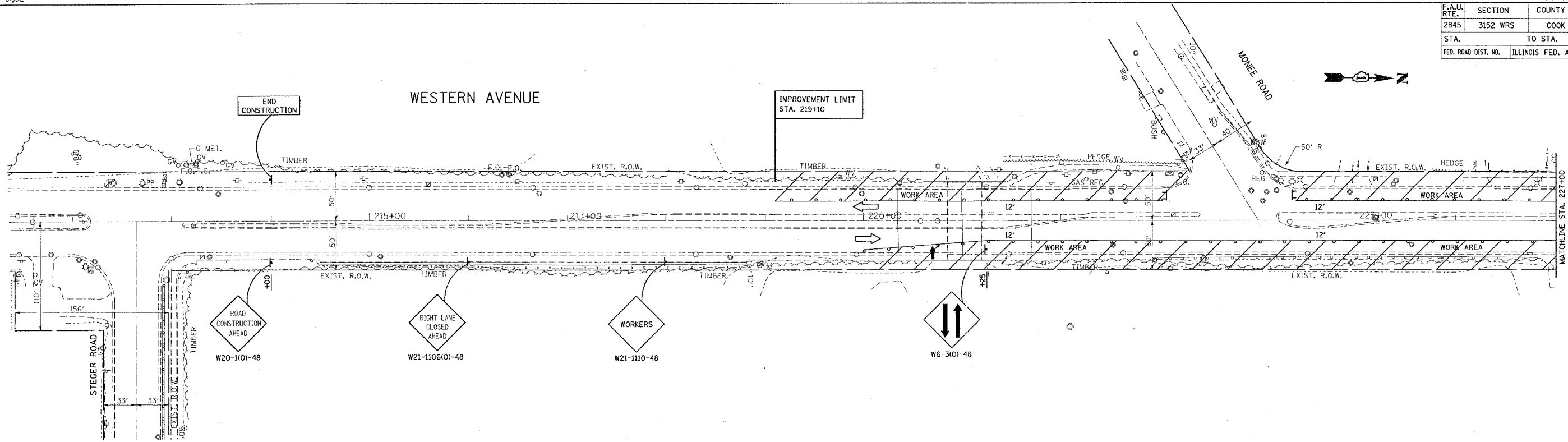




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REF-sfg02

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLT DATE = 6/28/2007  
 PLT SCALE = 50.0000' / IN.  
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
STAGE I**

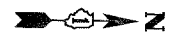
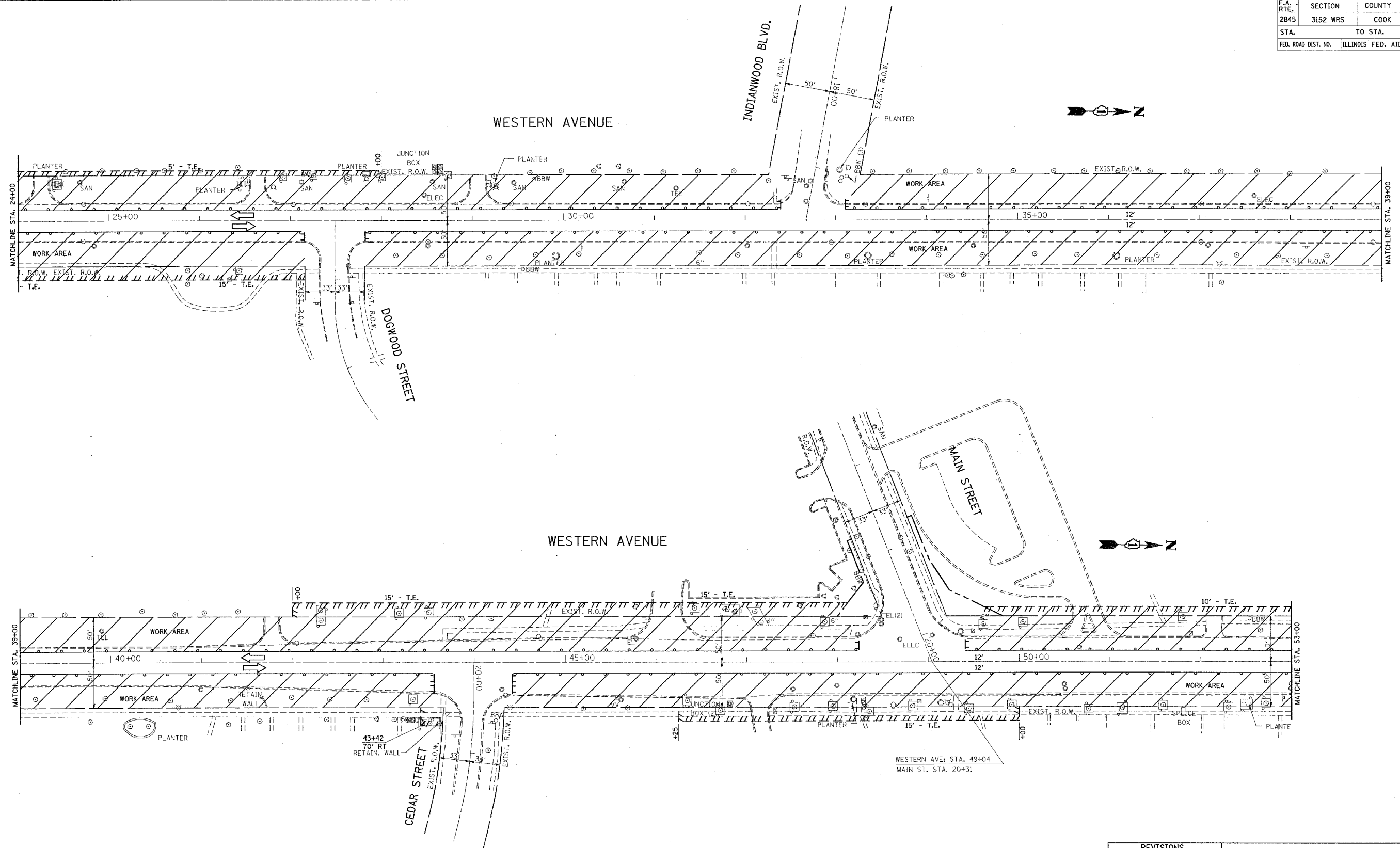
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 DATE 6/28/2007

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 CHECKED BY

\*REF-sig03  
\*REF-sig04

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
STAGE I**

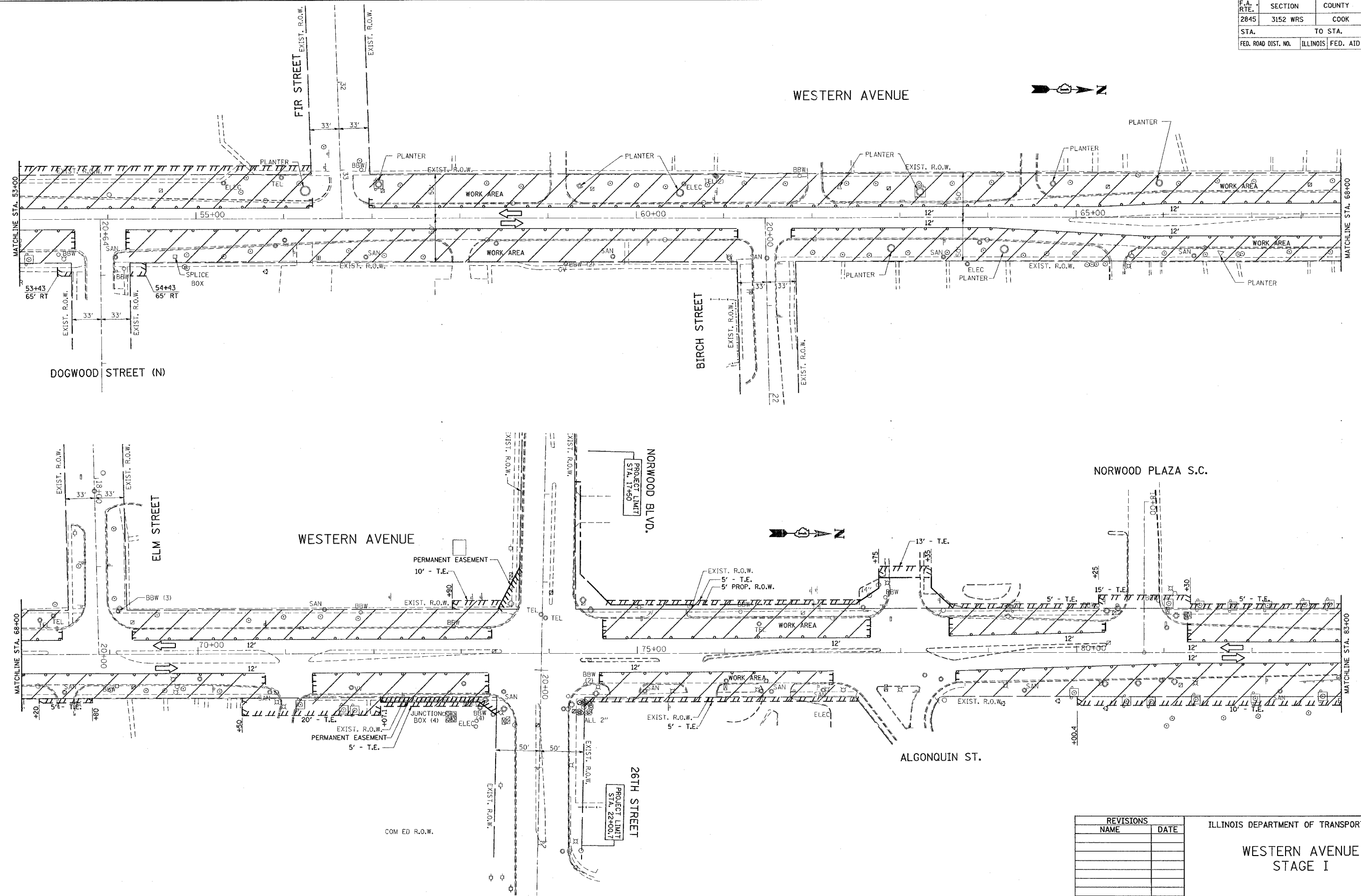
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DATE 6/28/2007

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REF-81905  
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CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

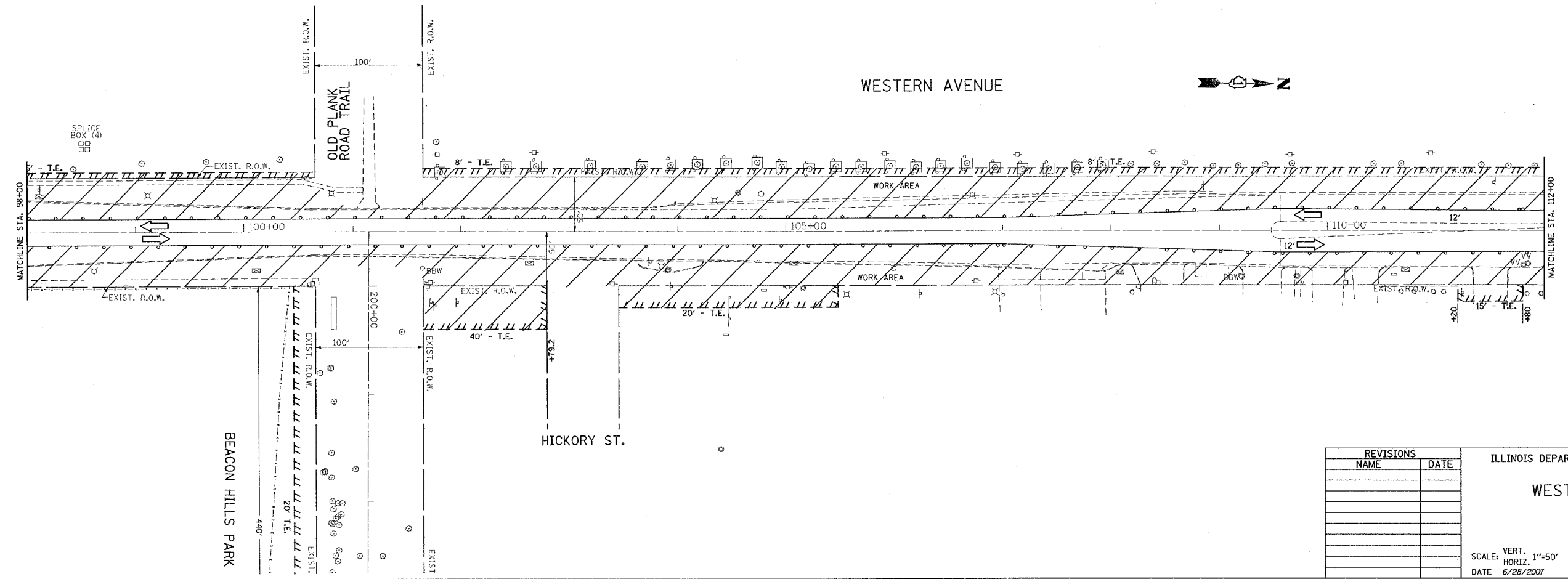
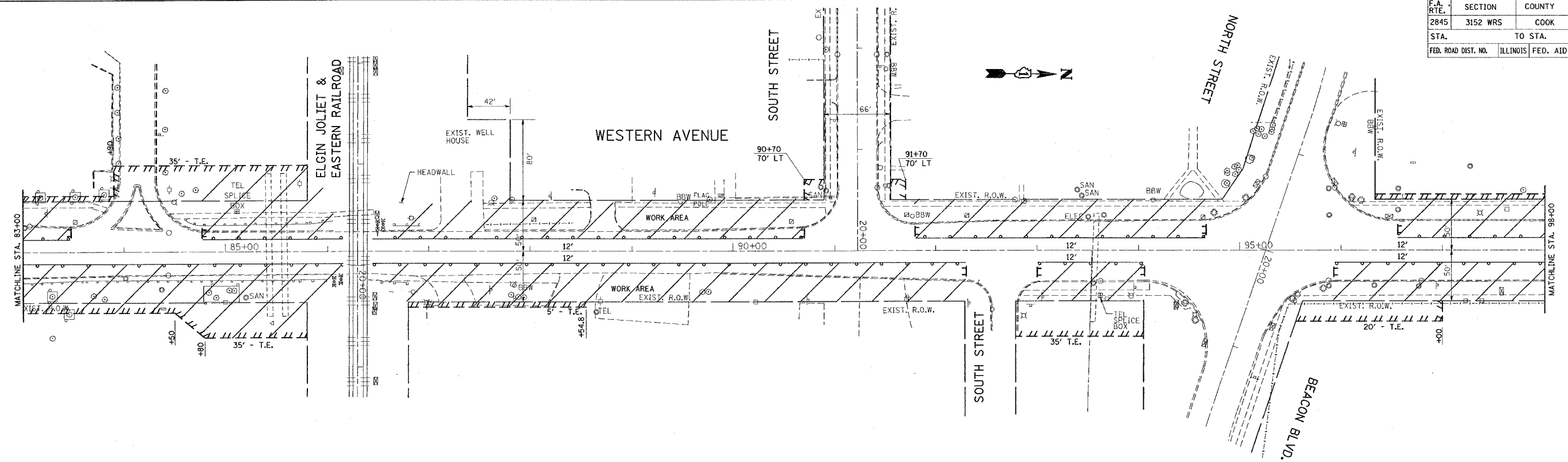
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**WESTERN AVENUE  
STAGE I**  
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\*REF-stg07  
\*REF-stg08

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
STAGE I**

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 6/28/2007

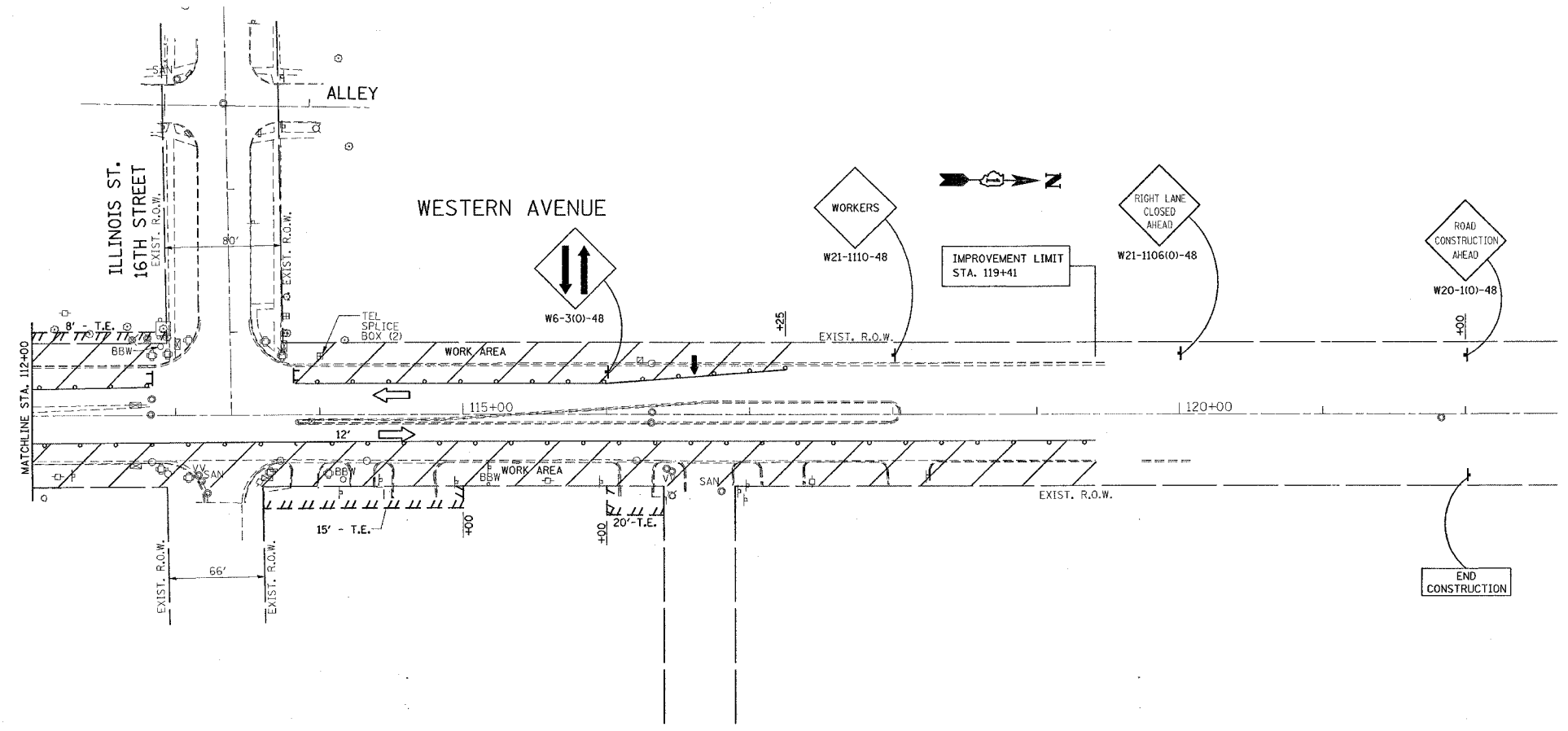
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CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
STAGE I**

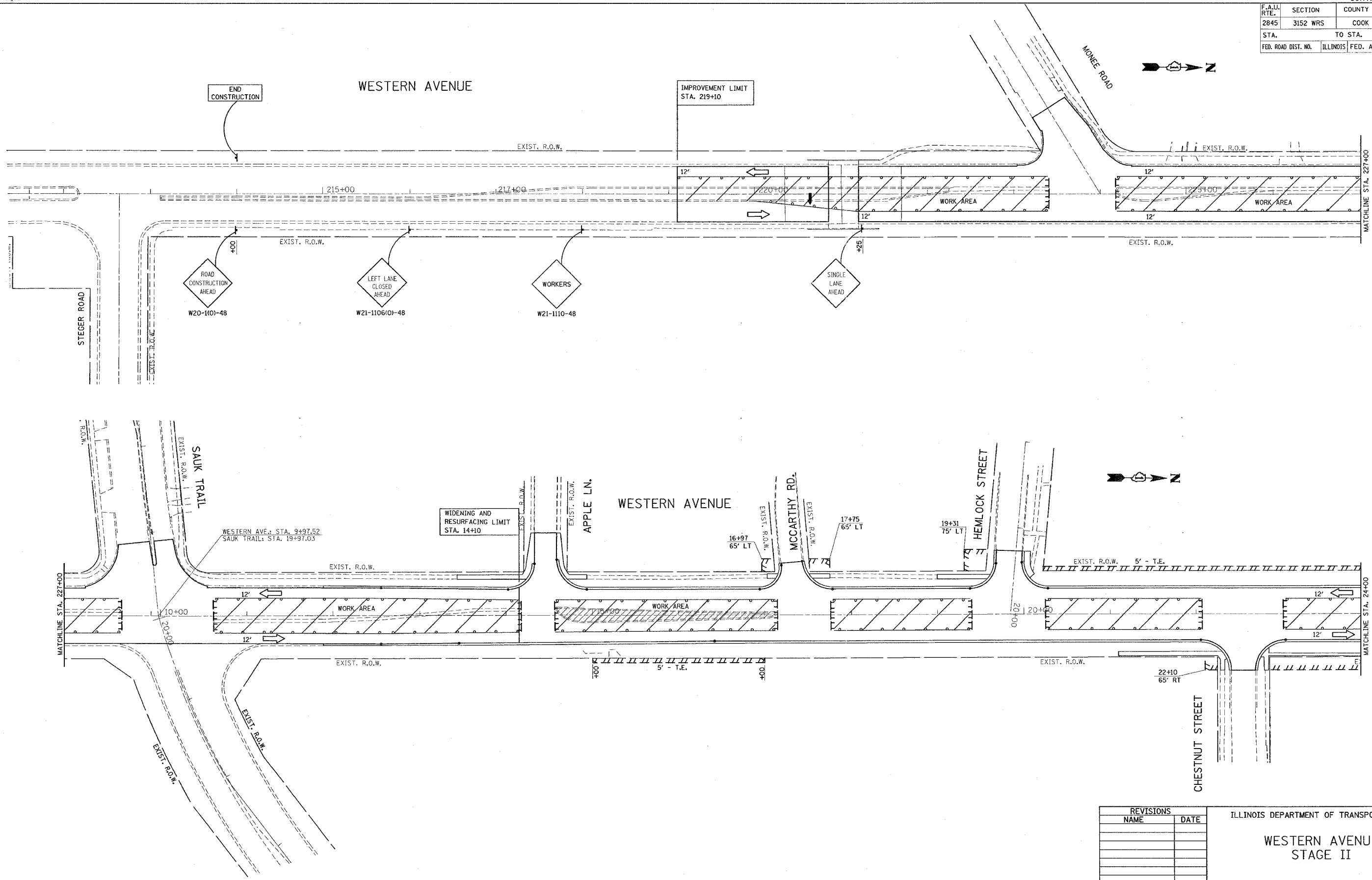
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 DATE 6/28/2007

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\*REF-sig01  
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CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
STAGE II**

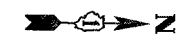
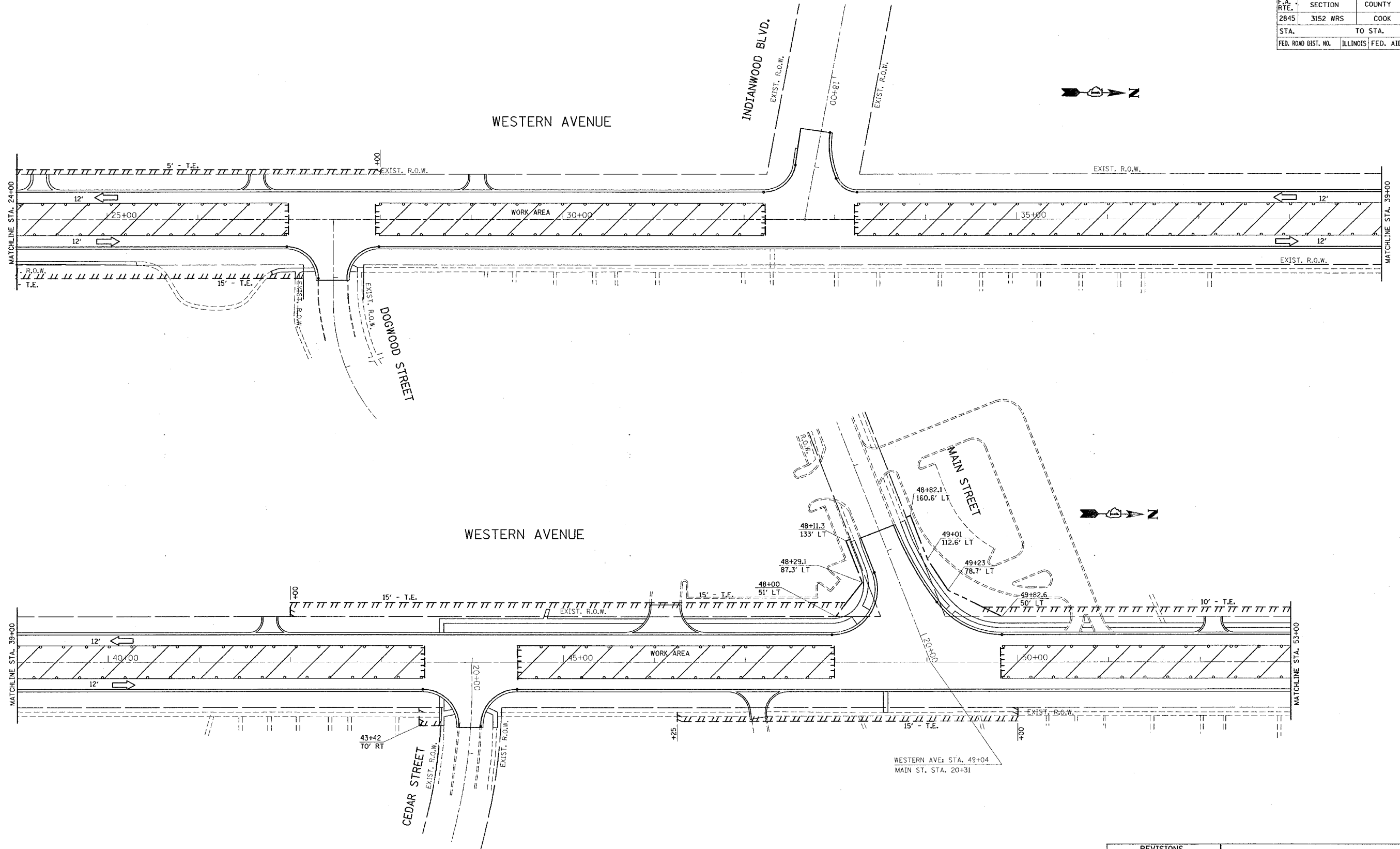
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DATE 6/28/2007

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\*REF-slg03  
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CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
STAGE II**

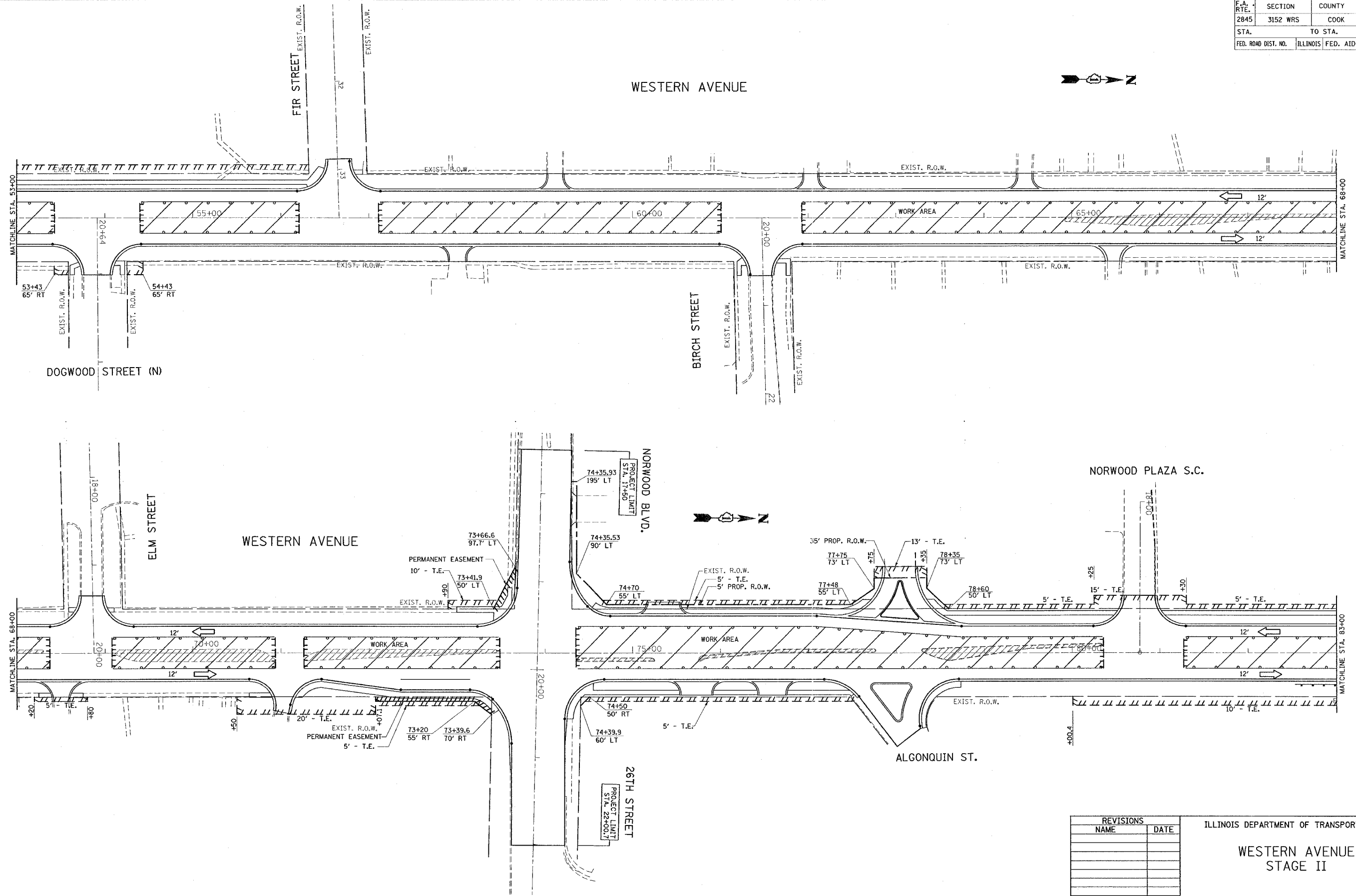
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DATE 6/28/2007

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\*REF-stg05  
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CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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REVISIONS	
NAME	DATE

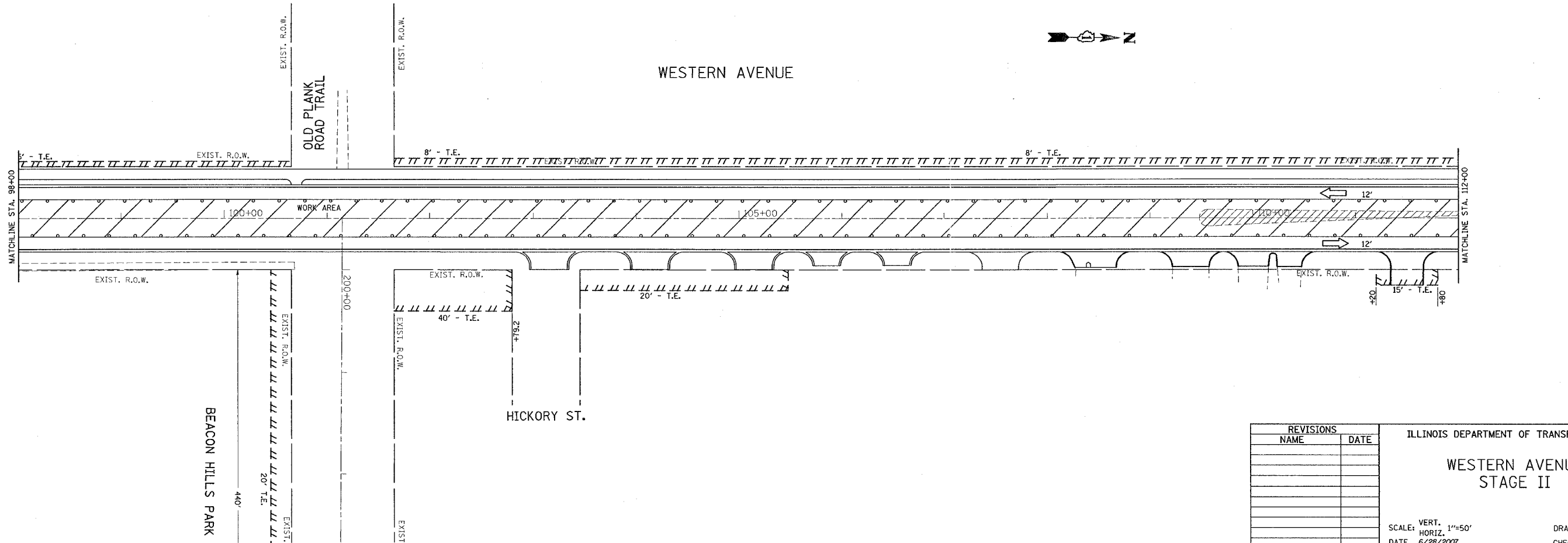
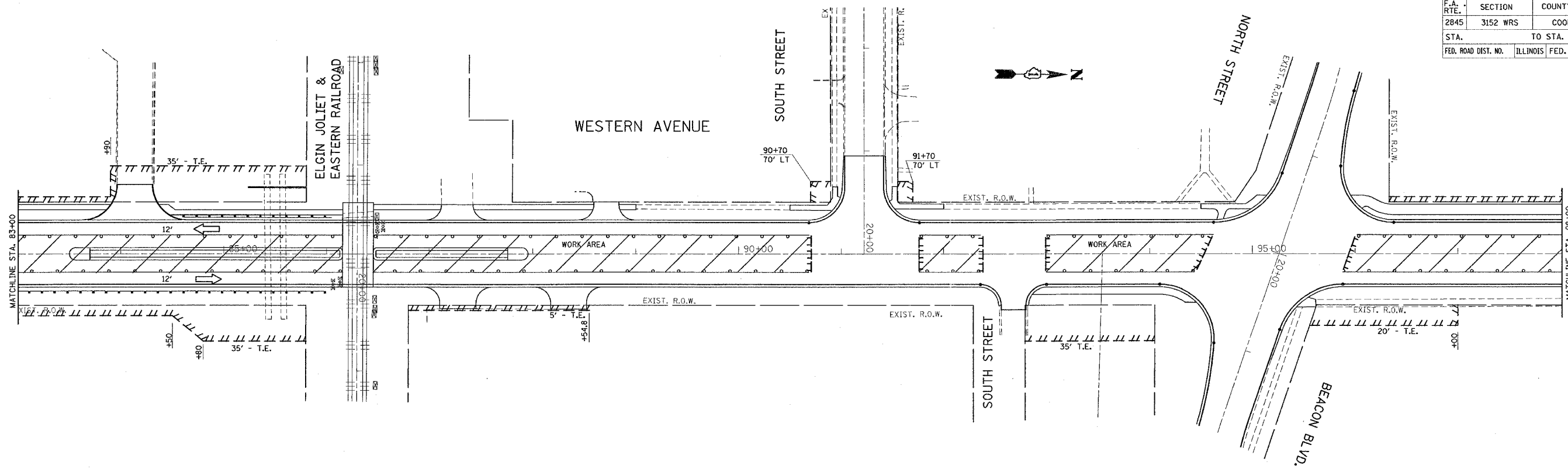
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WESTERN AVENUE  
STAGE II**  
SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 6/28/2007  
DRAWN BY  
CHECKED BY



REF-stg07  
REF-stg08

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLOT DATE = 6/28/2007  
FILE NAME = c:\p\projects\14446\1446\1446.dwg  
PLOT SCALE = 1/8" = 1'-0"  
REFERENCE = REF#

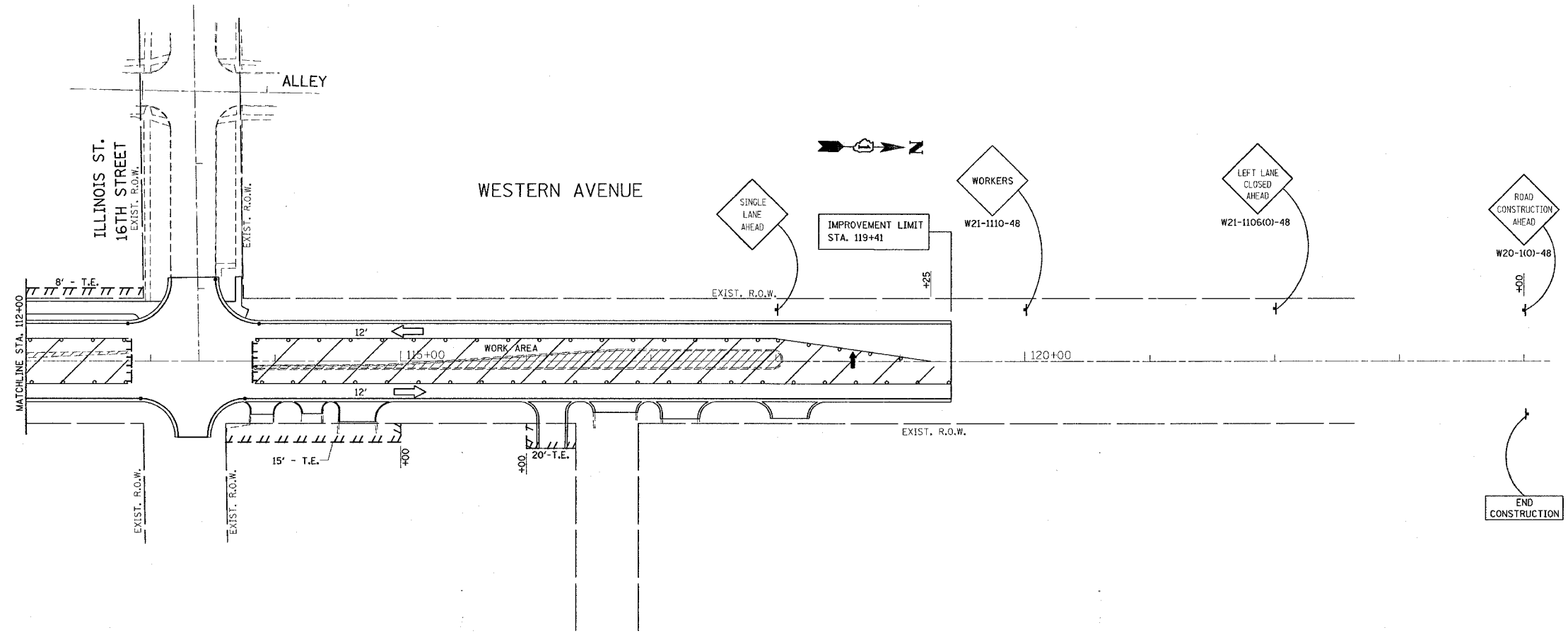
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
WESTERN AVENUE  
STAGE II  
  
SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 6/28/2007  
  
DRAWN BY  
CHECKED BY

\*REF-stg09

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	80
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PLOT DATE = 6/28/2007  
 FILE NAME = c:\p\projects\144699\ah\stage2.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 REFERENCE = BRP4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
STAGE II**

SCALE: VERT. 1"=50'  
 HORIZ. 1"=50'  
 DATE 6/28/2007

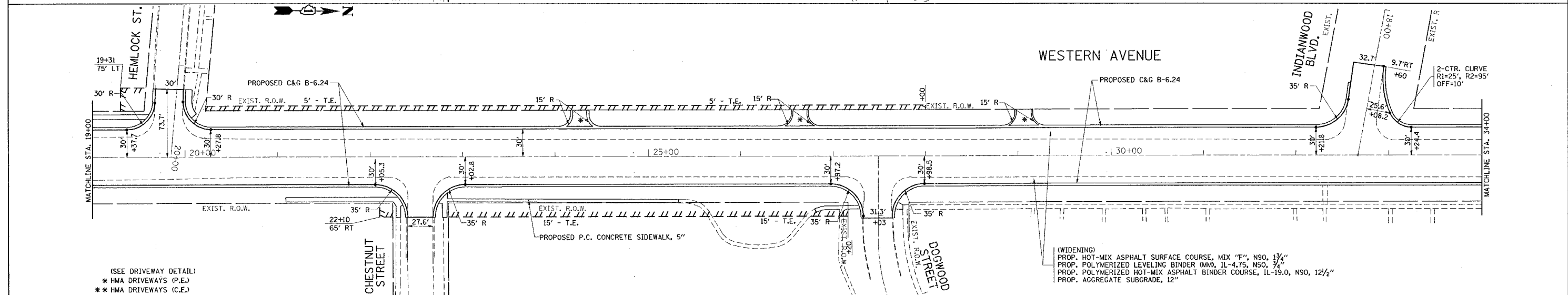
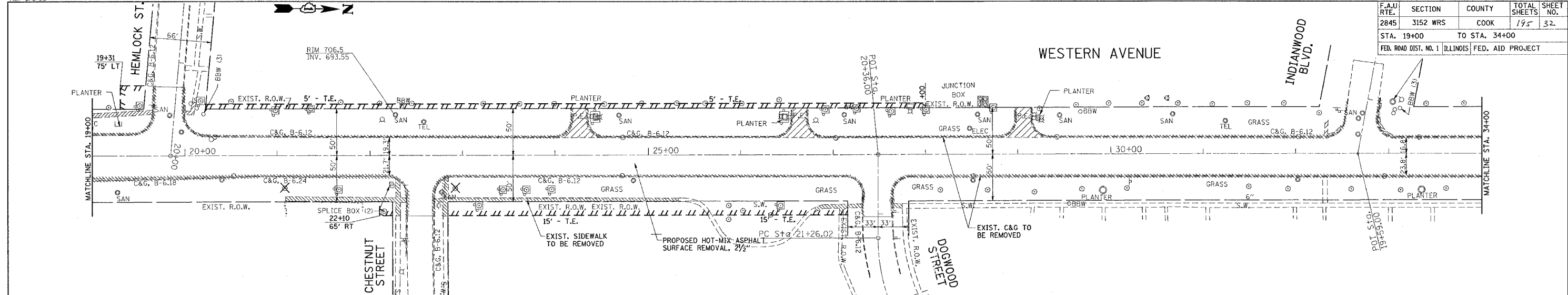
DRAWN BY  
 CHECKED BY



REF 10003  
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REF 10003

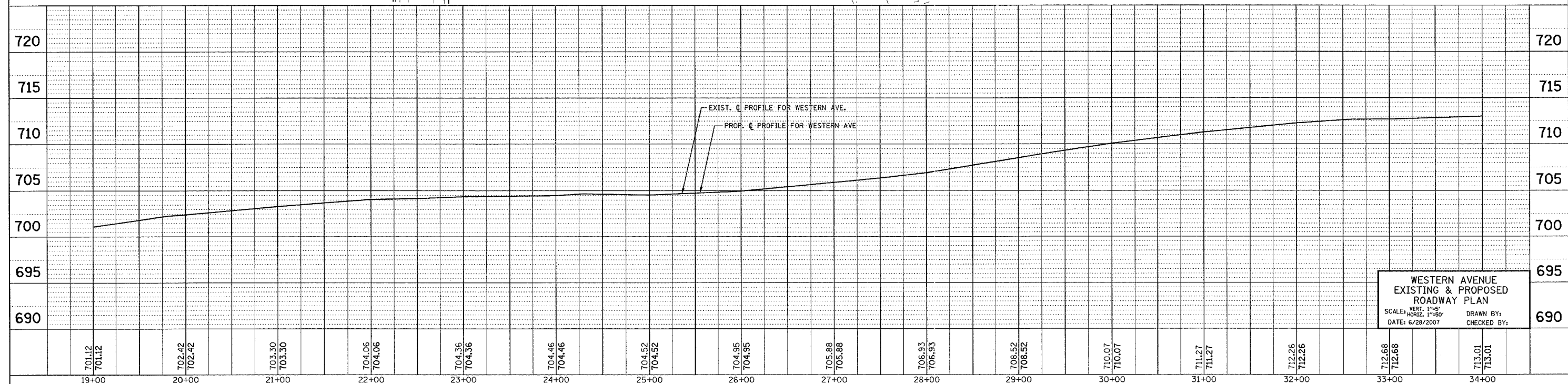
CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	32
STA. 19+00		TO STA. 34+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



(SEE DRIVEWAY DETAIL)  
\* HMA DRIVEWAYS (P.E.)  
\*\* HMA DRIVEWAYS (C.E.)

(WIDENING)  
PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90, 1 1/2"  
PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"  
PROP. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 1 1/2"  
PROP. AGGREGATE SUBGRADE, 12"



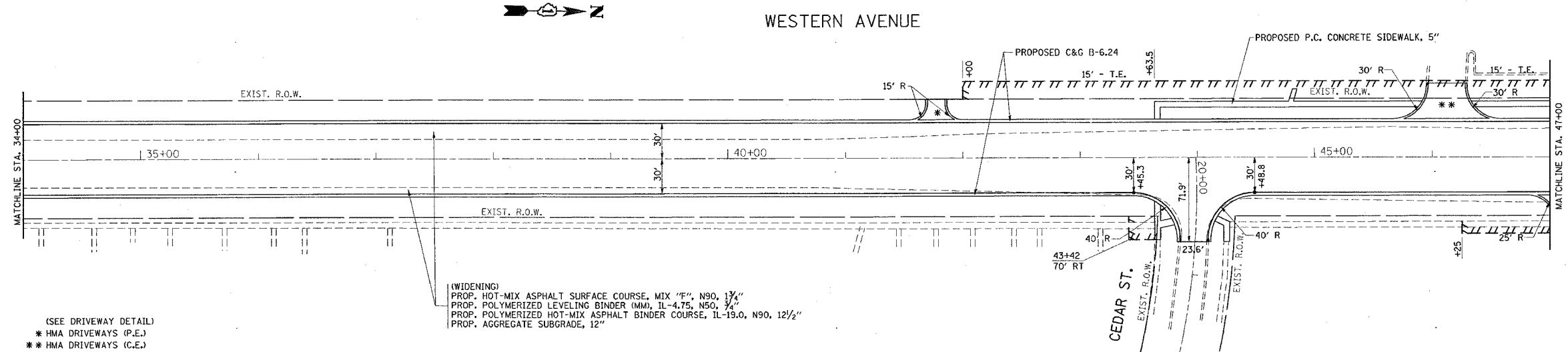
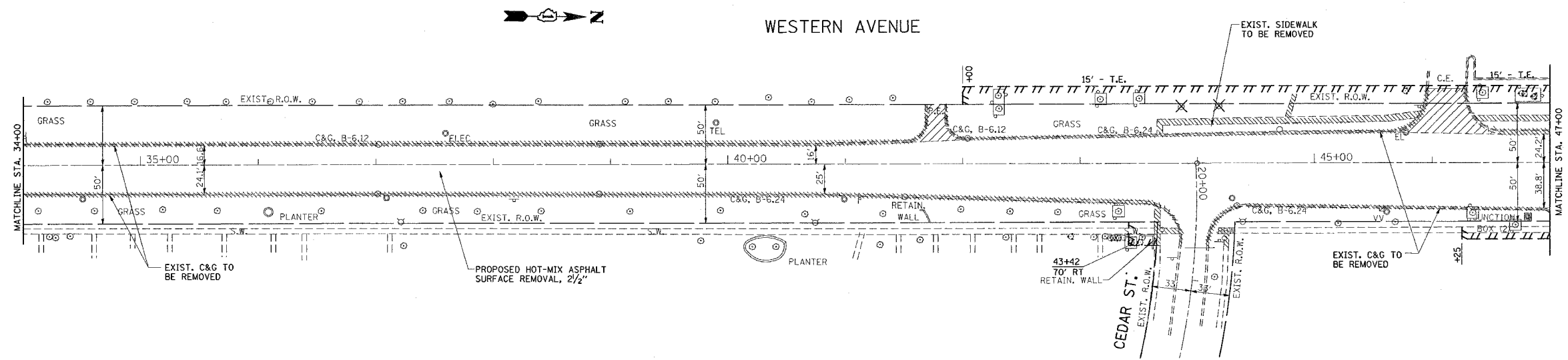
WESTERN AVENUE  
EXISTING & PROPOSED  
ROADWAY PLAN  
SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 6/28/2007  
DRAWN BY:  
CHECKED BY:

701.12	701.12	702.42	702.42	703.30	703.30	704.06	704.06	704.36	704.36	704.46	704.46	704.52	704.52	704.95	704.95	705.88	705.88	706.93	706.93	708.52	708.52	710.07	710.07	711.27	711.27	712.26	712.26	712.68	712.68	713.01	713.01
19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00																

REF: 100004  
 REF: 100004  
 REF: 100004  
 REF: 100004

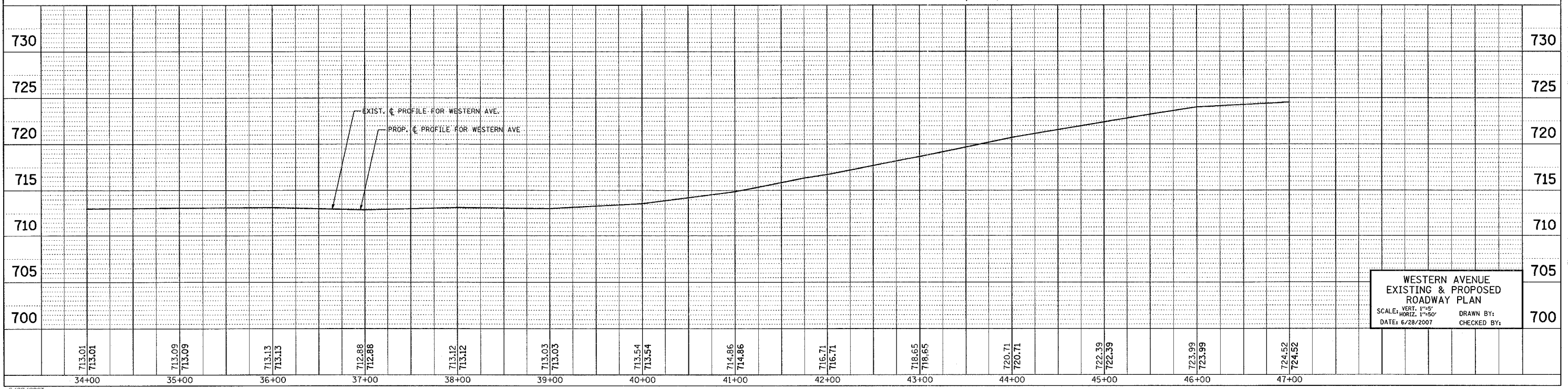
CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	33
STA. 34+00		TO STA. 47+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



(SEE DRIVEWAY DETAIL)  
 \* HMA DRIVEWAYS (P.E.)  
 \*\* HMA DRIVEWAYS (C.E.)

(WIDENING)  
 PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 1/4"  
 PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12 1/2"  
 PROP. AGGREGATE SUBGRADE, 12"

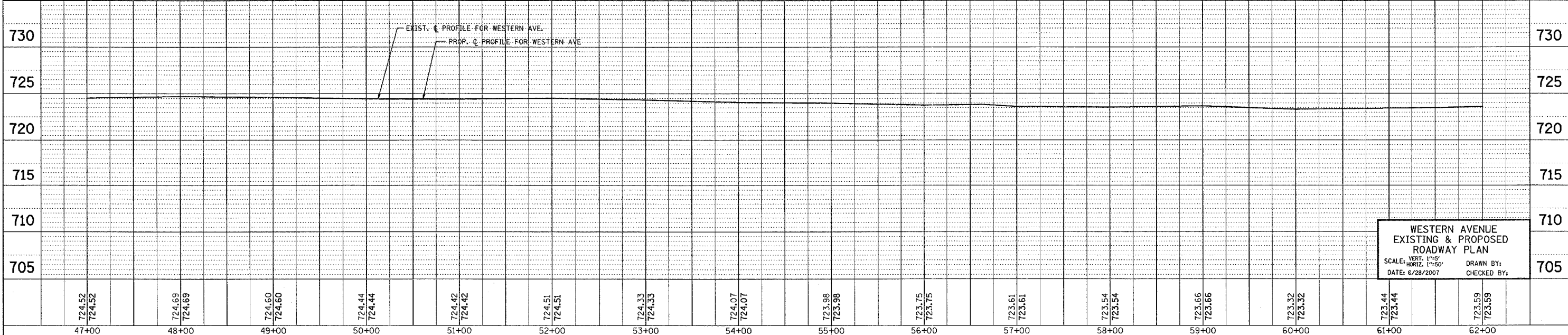
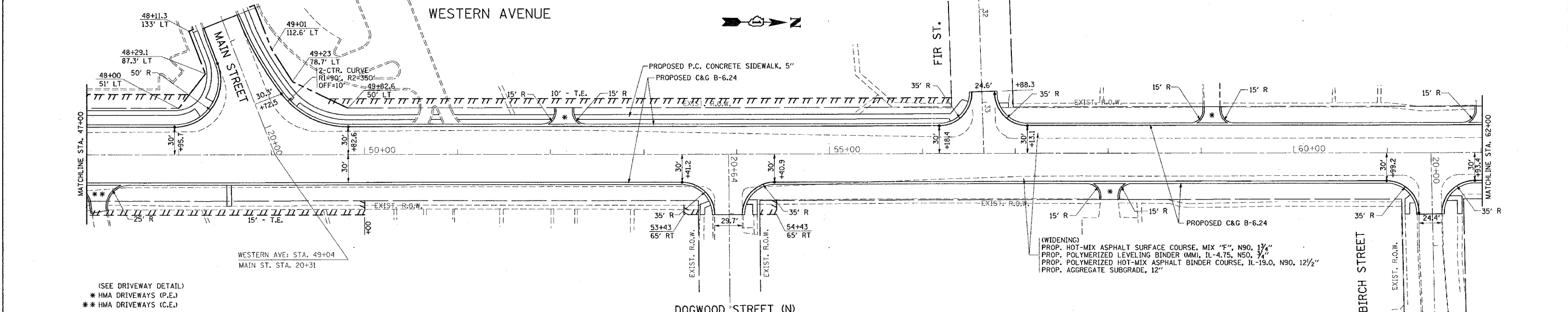
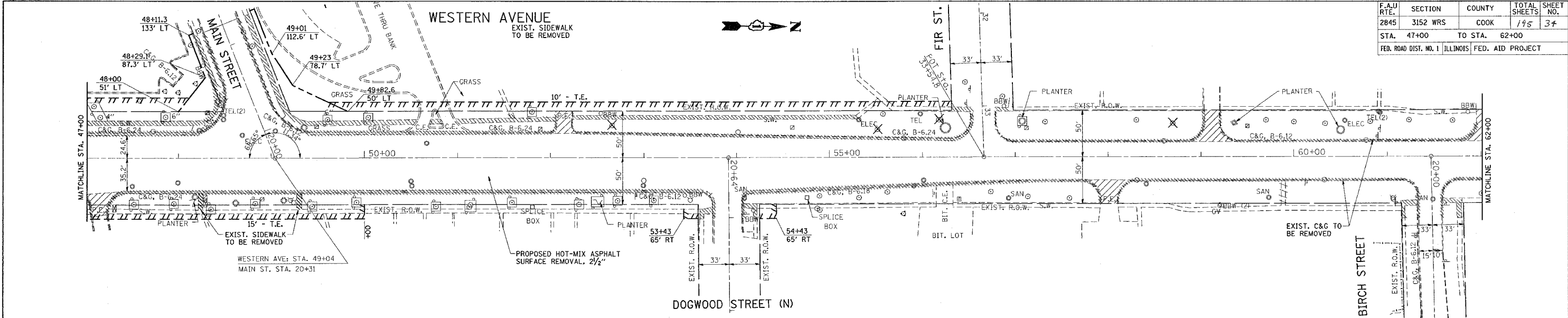


WESTERN AVENUE  
 EXISTING & PROPOSED  
 ROADWAY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:

REF: 100005  
 REF: 100005  
 REF: 100005  
 REF: 100005

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	34
STA. 47+00		TO STA. 62+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



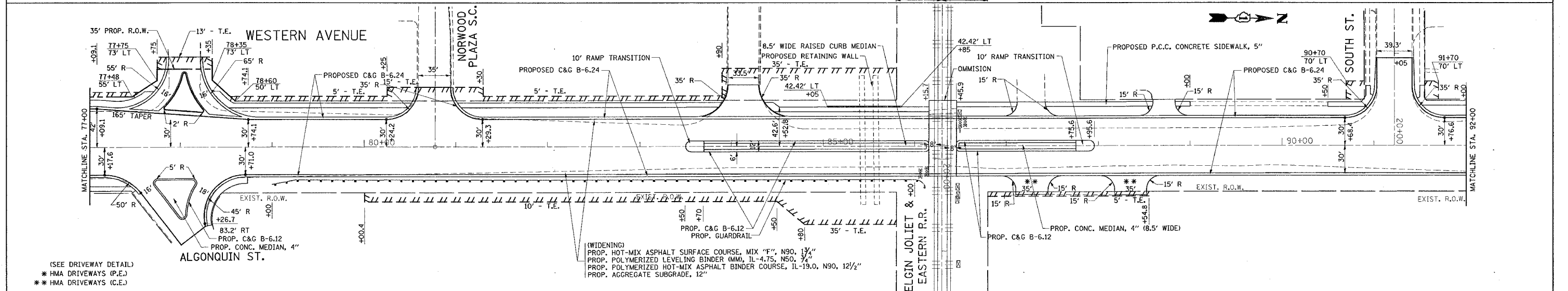
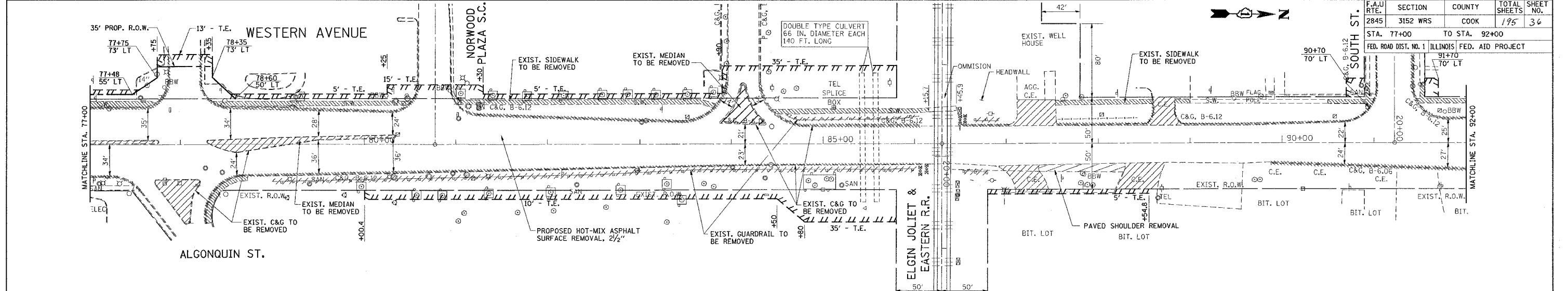
**WESTERN AVENUE  
 EXISTING & PROPOSED  
 ROADWAY PLAN**  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:





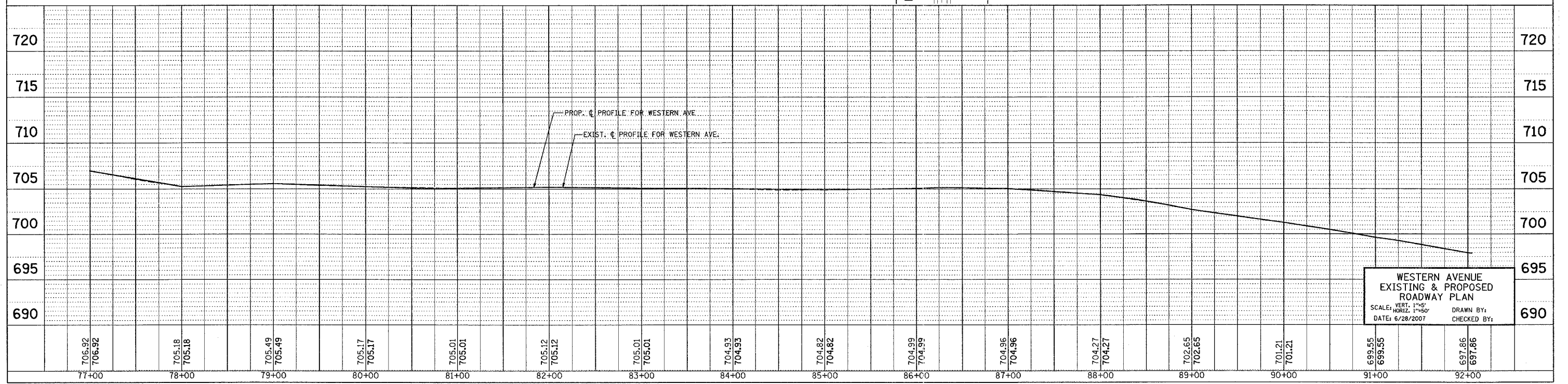
\*REF-100007  
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 \*REF-10007

CONTRACT NO. 62742



(SEE DRIVEWAY DETAIL)  
 \* HMA DRIVEWAYS (P.E.)  
 \*\* HMA DRIVEWAYS (C.E.)

(WIDENING)  
 PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 1/2"  
 PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, NS0, 3/4"  
 PROP. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 1 1/2"  
 PROP. AGGREGATE SUBGRADE, 12"



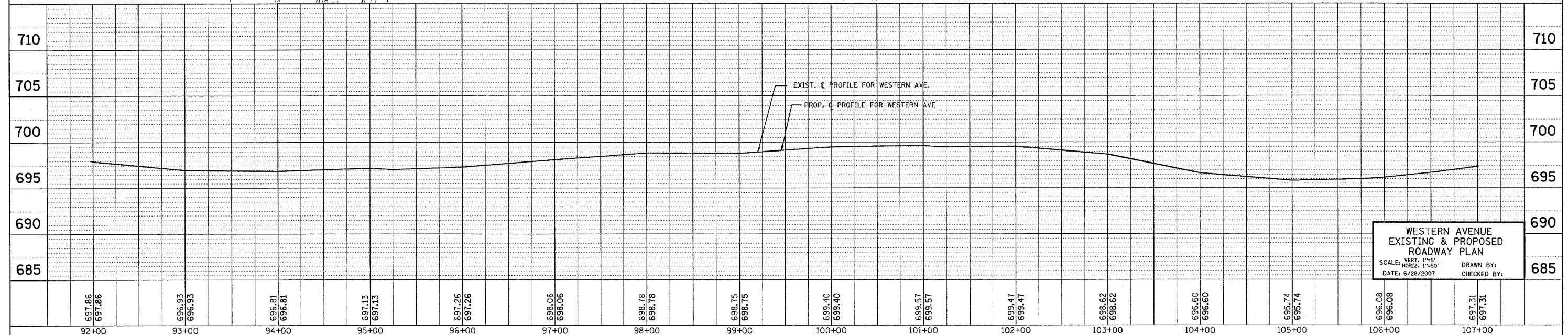
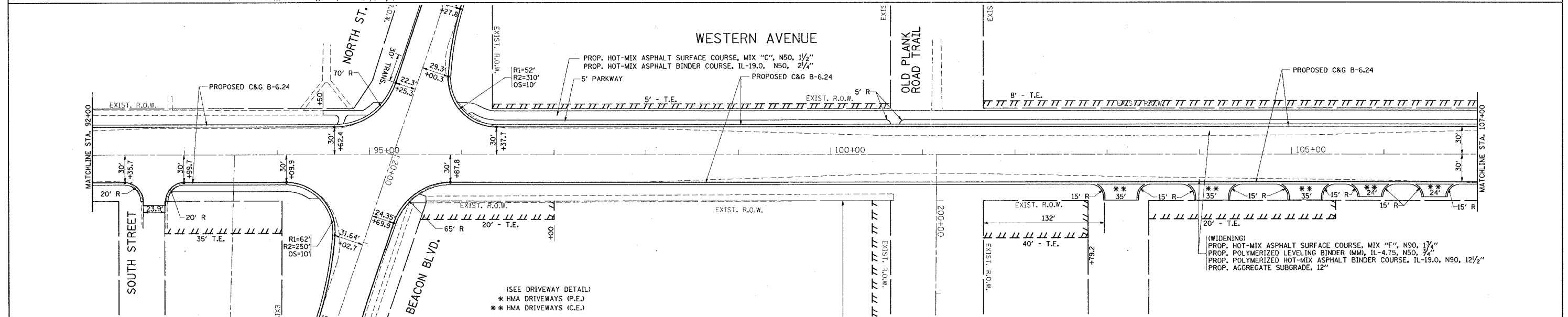
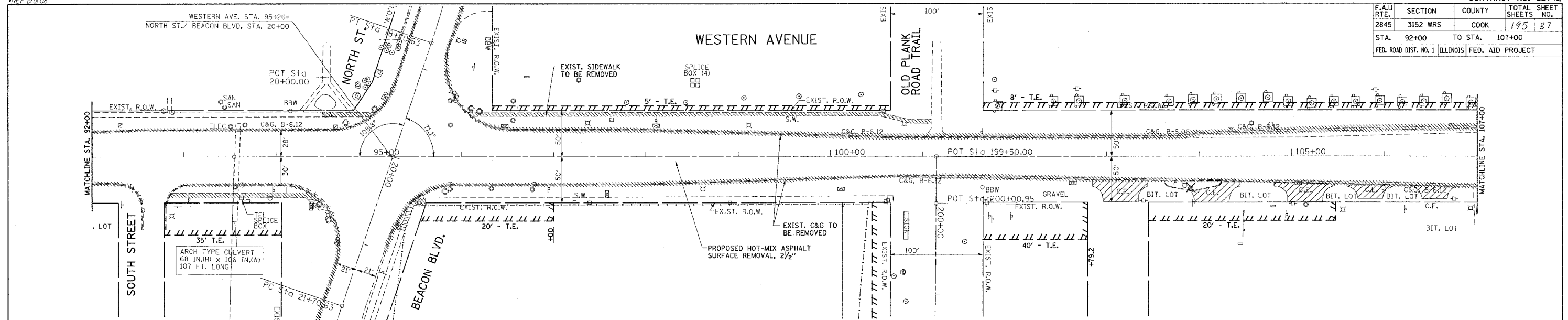
WESTERN AVENUE  
 EXISTING & PROPOSED  
 ROADWAY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:



\*REF: 10008  
 \*REF: 10008  
 \*REF: 10008

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	87
STA. 92+00	TO STA. 107+00			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

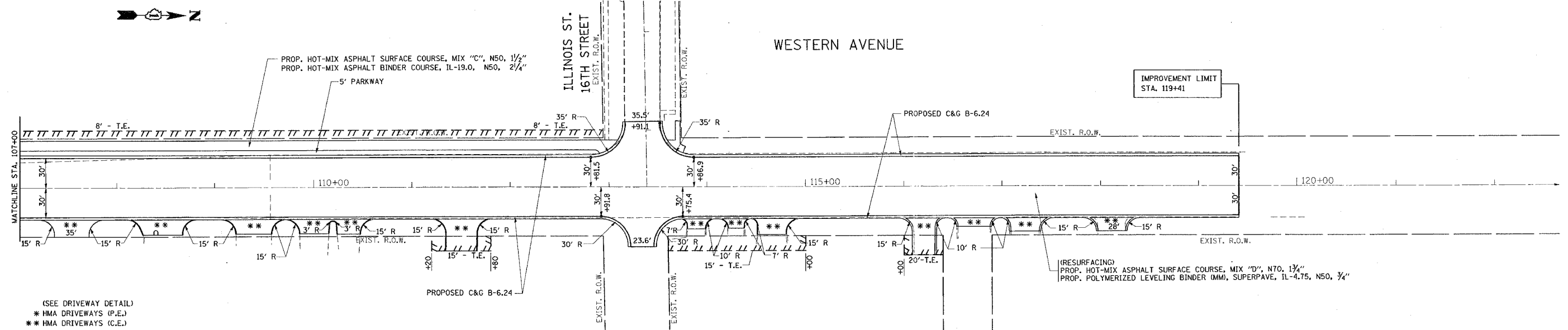
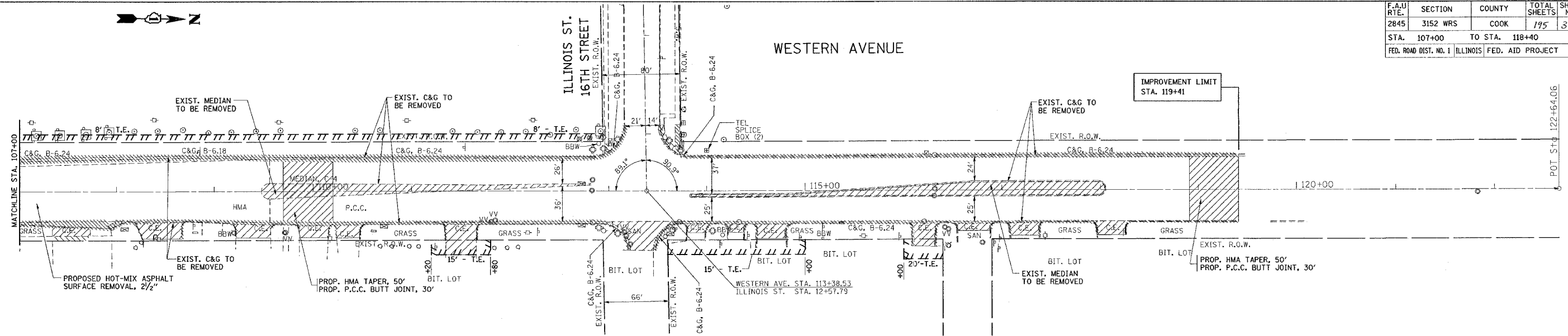


WESTERN AVENUE  
 EXISTING & PROPOSED  
 ROADWAY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:

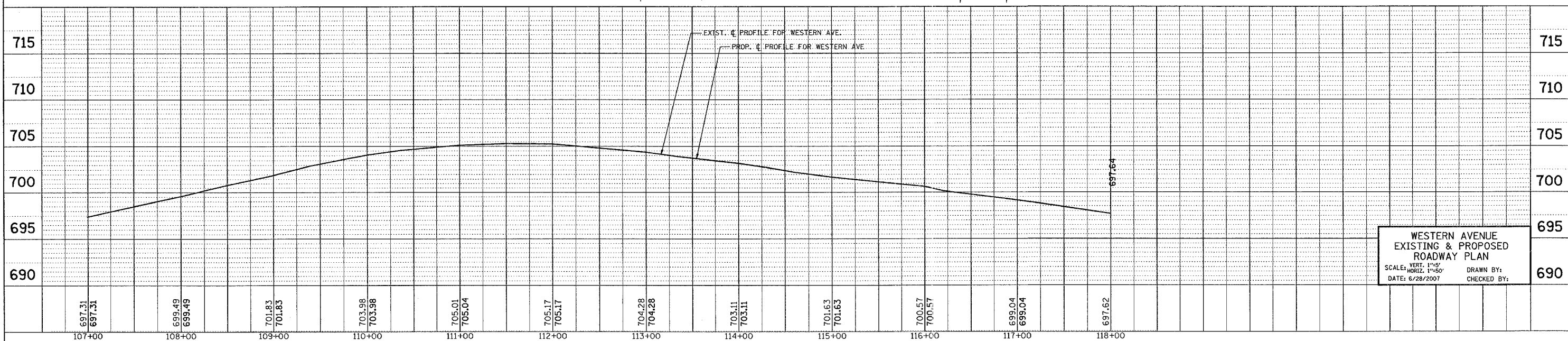
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 \*REF: prf09

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	38
STA. 107+00		TO STA. 118+40		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



(SEE DRIVEWAY DETAIL)  
 \* HMA DRIVEWAYS (P.E.)  
 \*\* HMA DRIVEWAYS (C.E.)

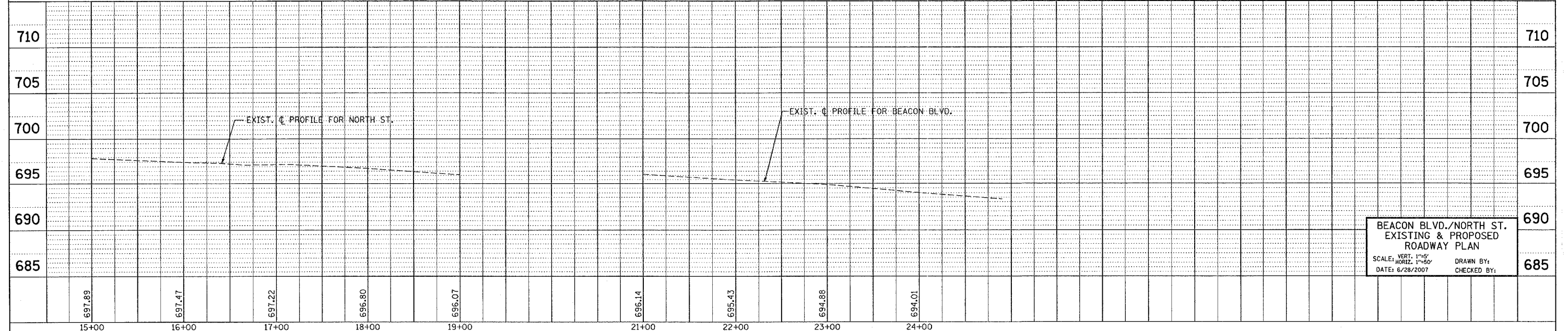
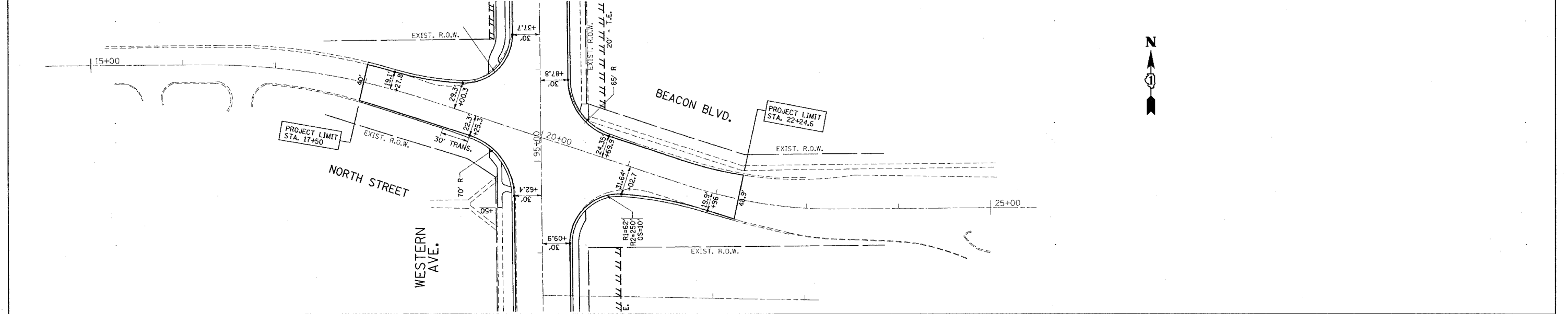
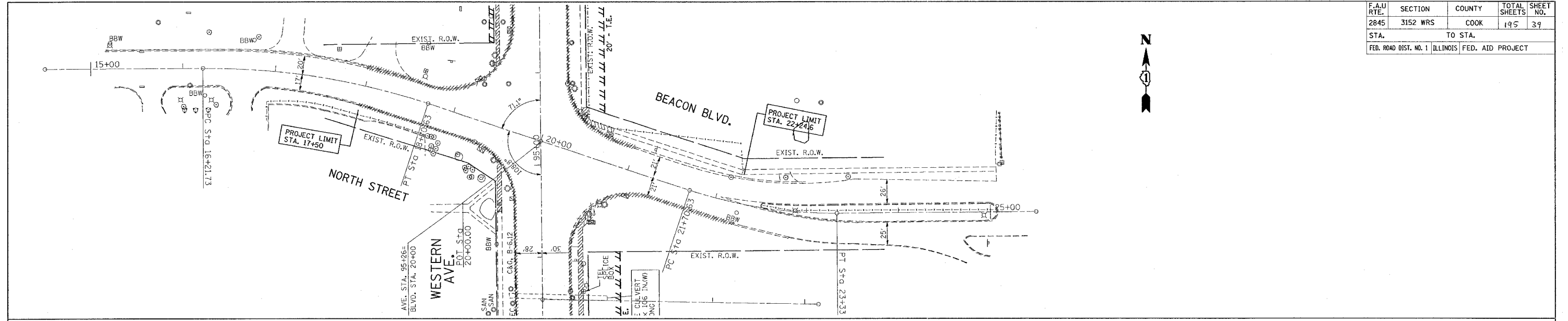


WESTERN AVENUE  
 EXISTING & PROPOSED  
 ROADWAY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:

\*REF: 10012  
 \*REF: 1002  
 \*REF: 1012  
 \*REF: 1022

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	39
STA. 15+00		TO STA. 25+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

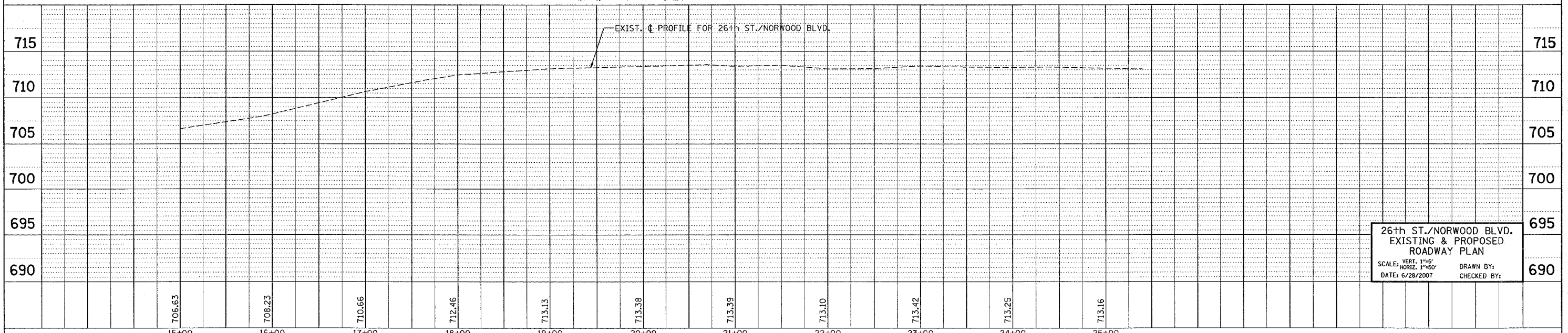
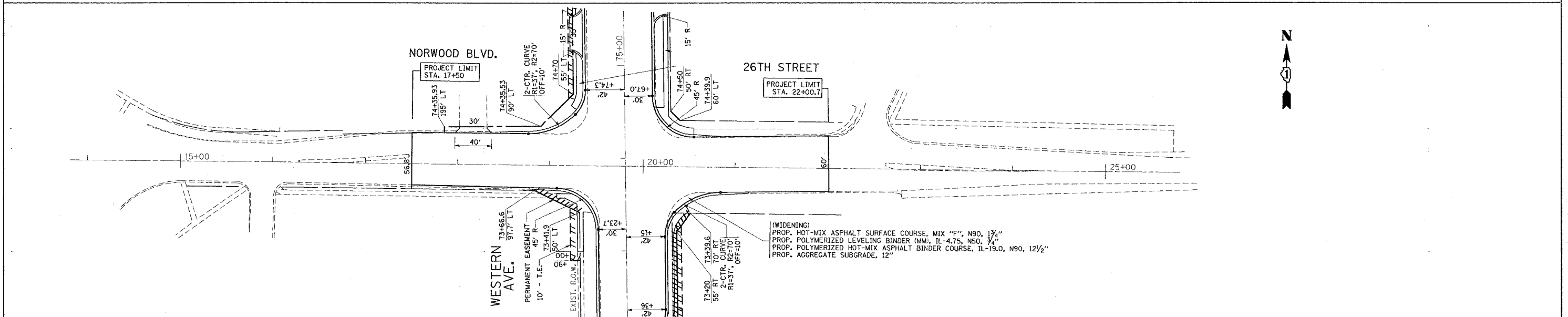
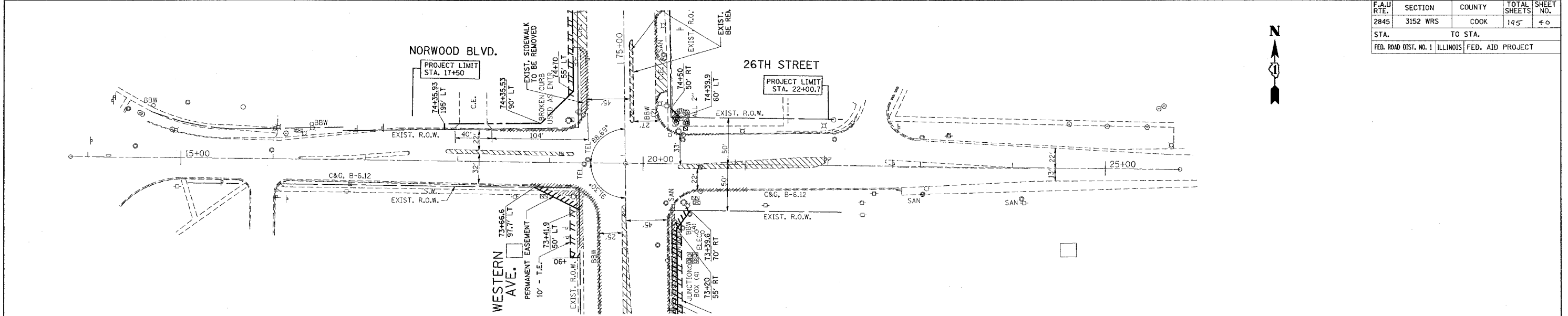


BEACON BLVD./NORTH ST.  
 EXISTING & PROPOSED  
 ROADWAY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:

REF-top01  
REF-PP01  
REF-PP01

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	145	40
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

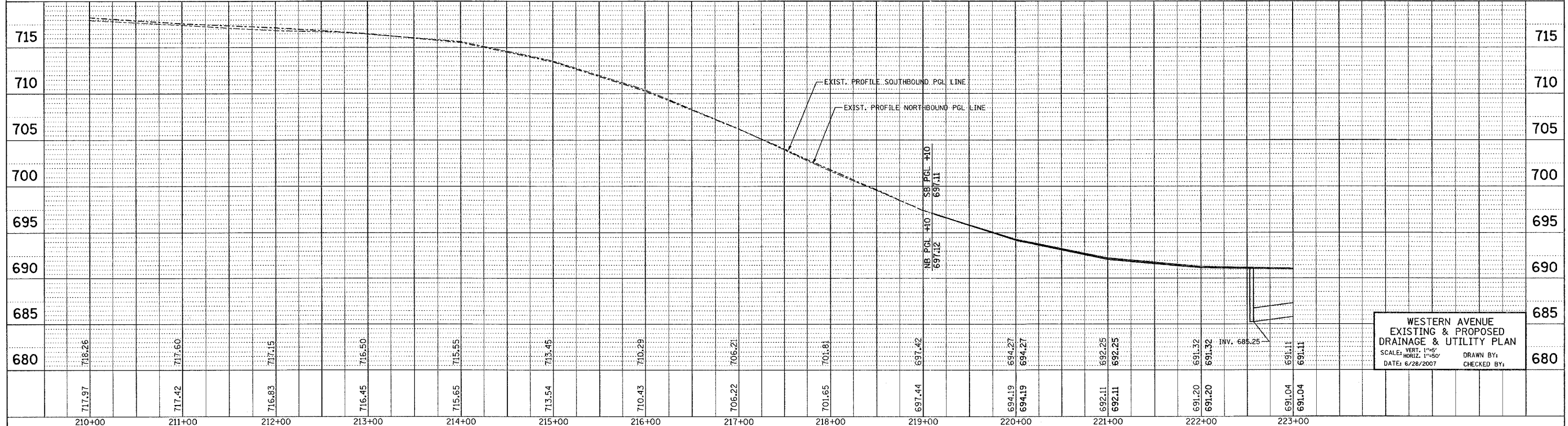
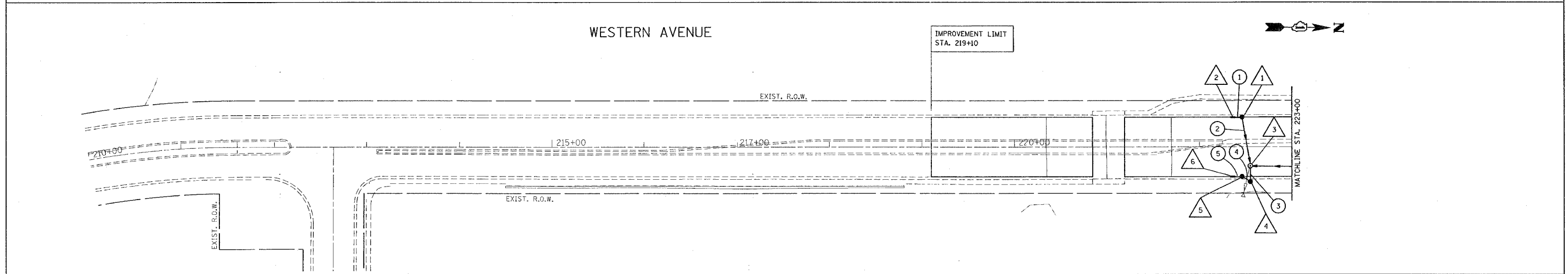
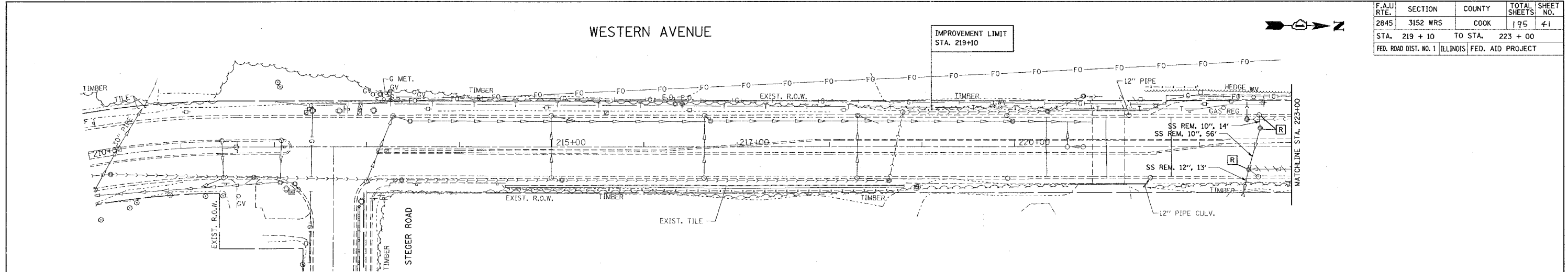


26th ST./NORWOOD BLVD.  
EXISTING & PROPOSED  
ROADWAY PLAN  
SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 6/28/2007  
DRAWN BY:  
CHECKED BY:

\*REF-edr/01  
 \*REF-pdr/01  
 \*REF-prf/01

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	41
STA. 219 + 10		TO STA. 223 + 00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



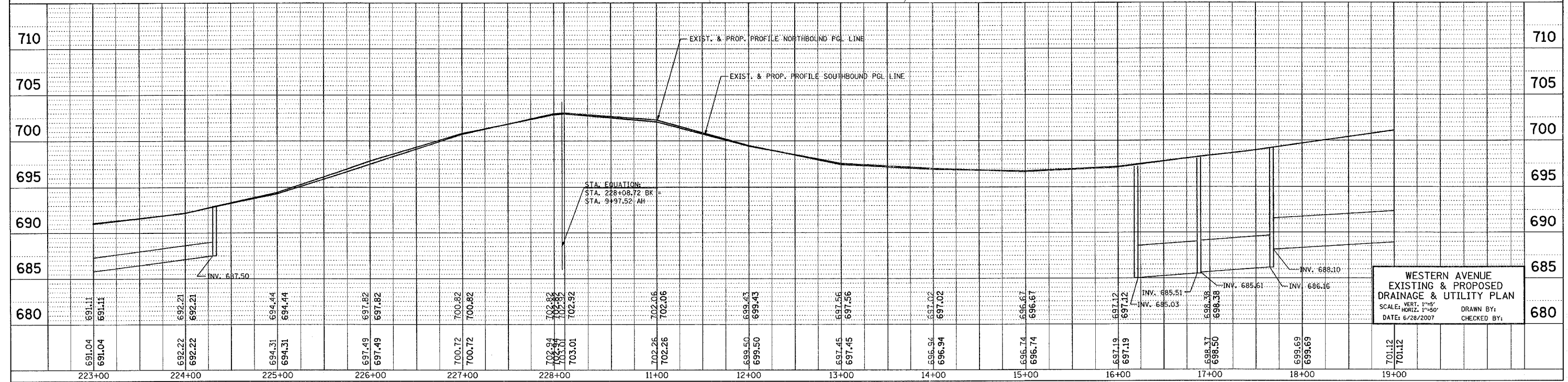
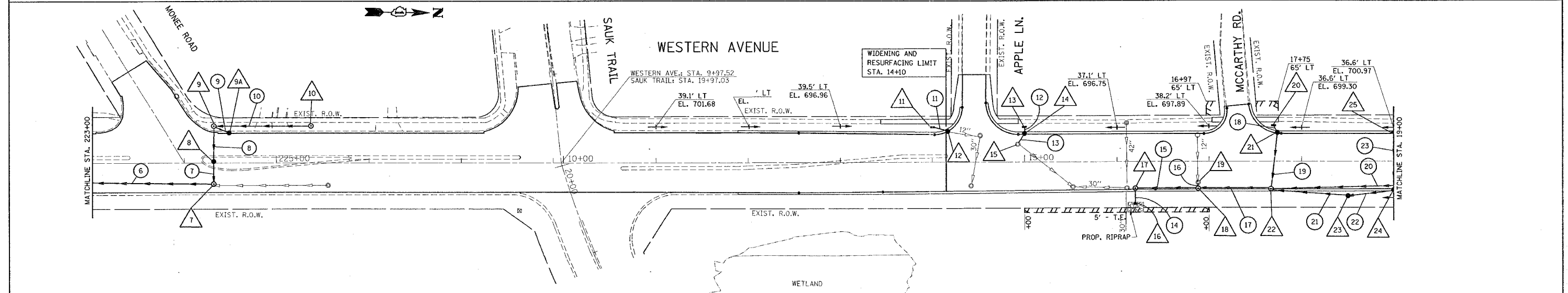
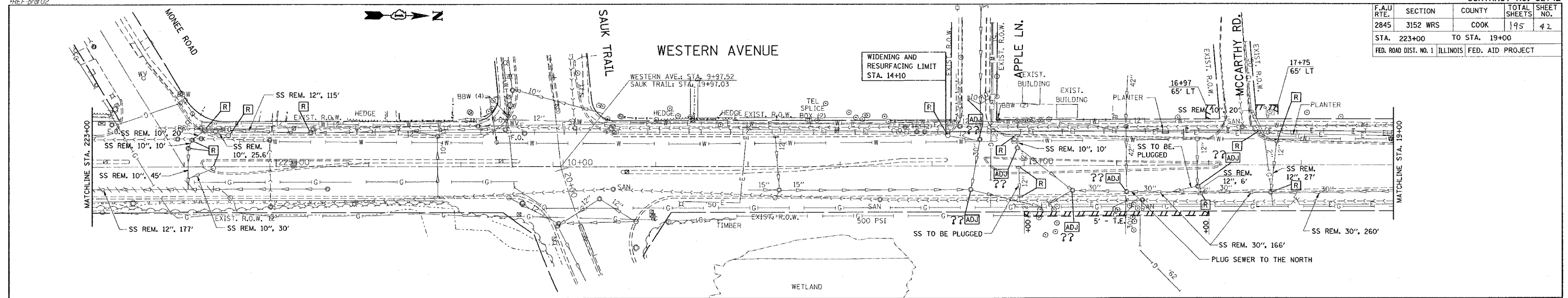
WESTERN AVENUE  
 EXISTING & PROPOSED  
 DRAINAGE & UTILITY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/26/2007  
 DRAWN BY:  
 CHECKED BY:



\*REF-edr02  
\*REF-pdr02  
\*REF-prd02

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	42
STA. 223+00		TO STA. 19+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

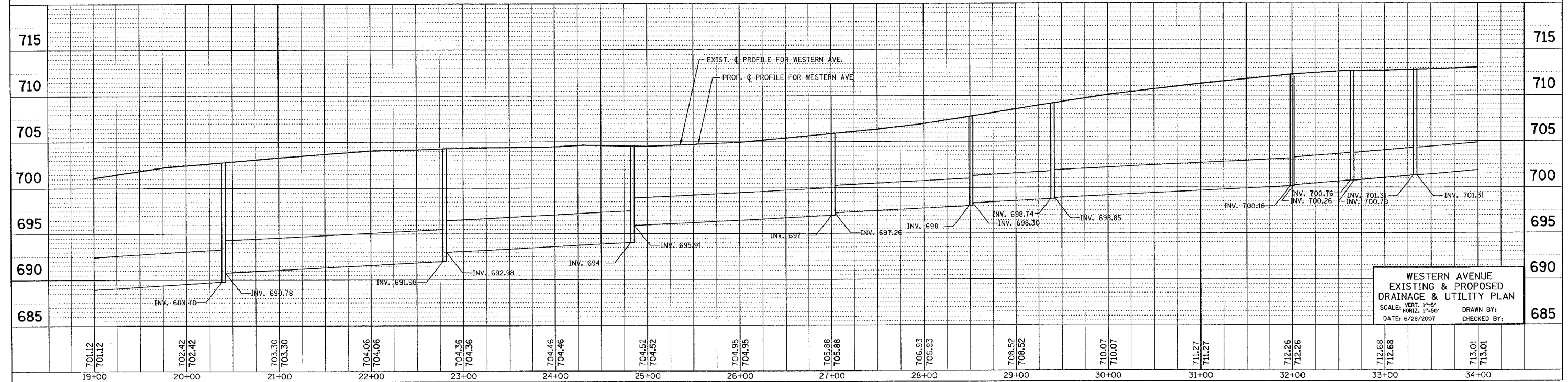
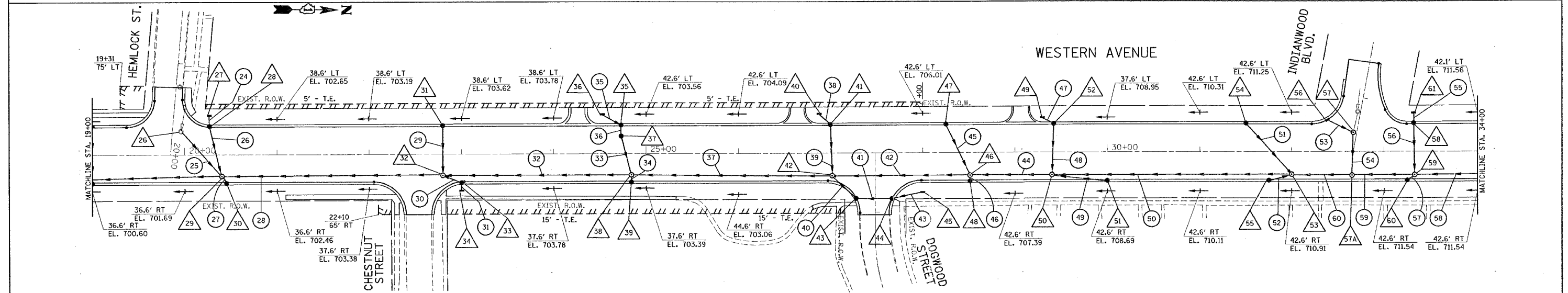
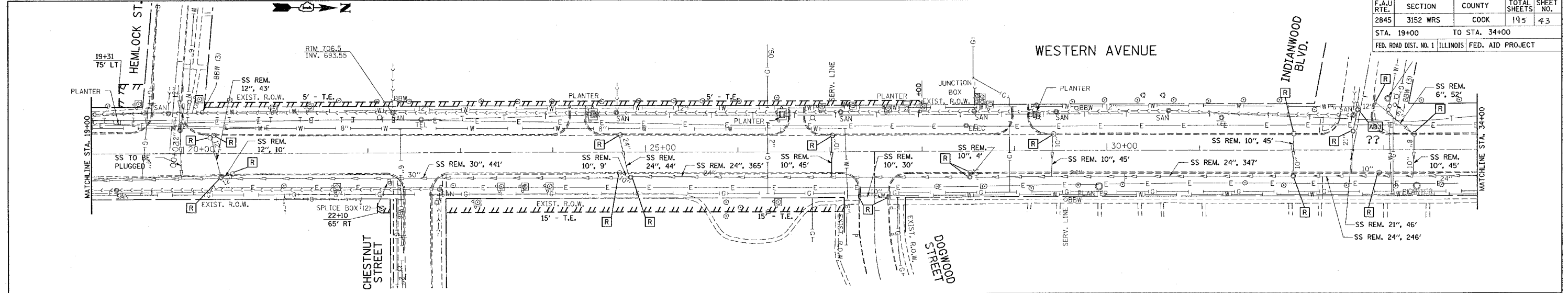


WESTERN AVENUE  
EXISTING & PROPOSED  
DRAINAGE & UTILITY PLAN  
SCALE: VERT. 1"=5'  
DATE: 6/28/2007  
DRAWN BY:  
CHECKED BY:

REF: 04/03  
 REF: 04/03  
 REF: 04/03

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	43
STA. 19+00 TO STA. 34+00				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

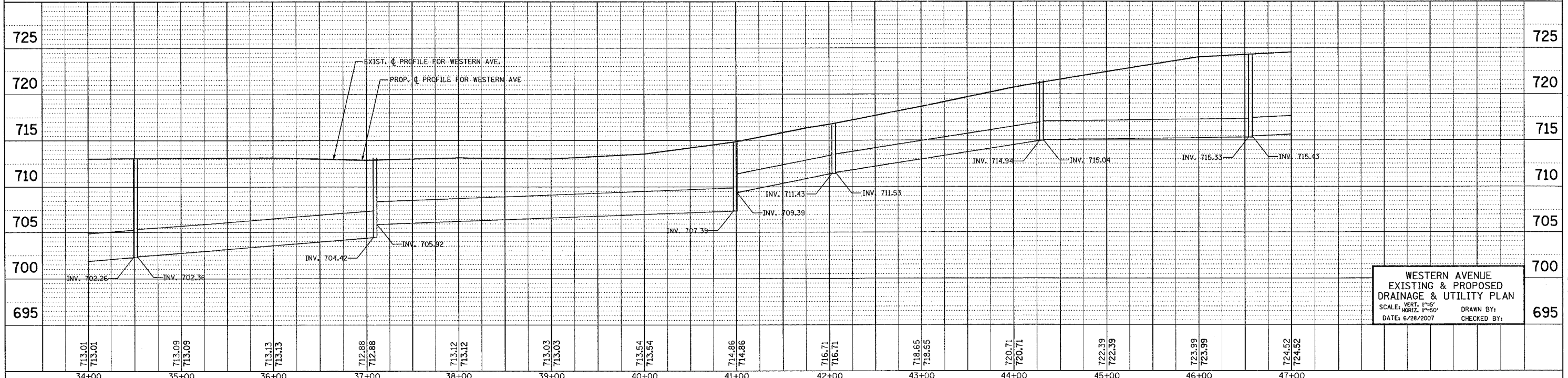
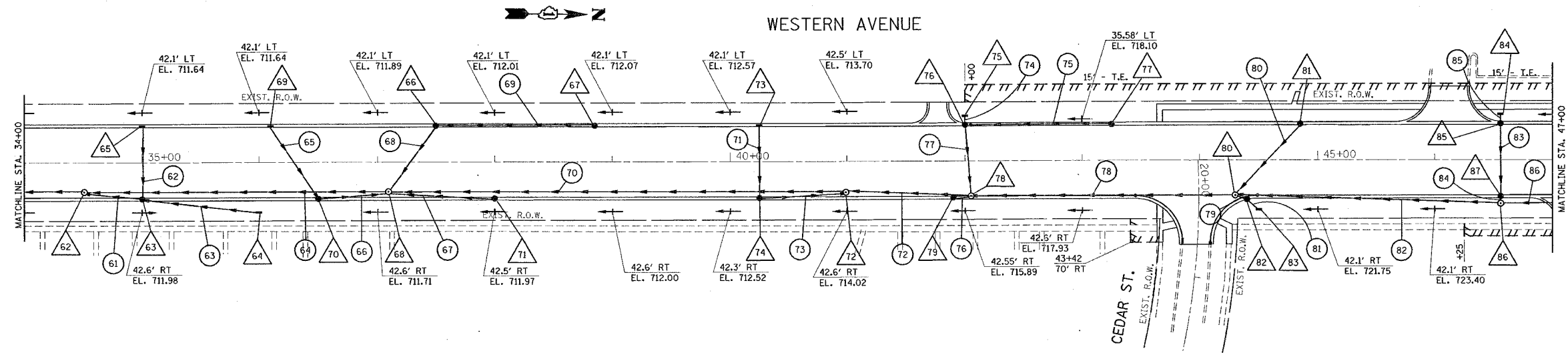
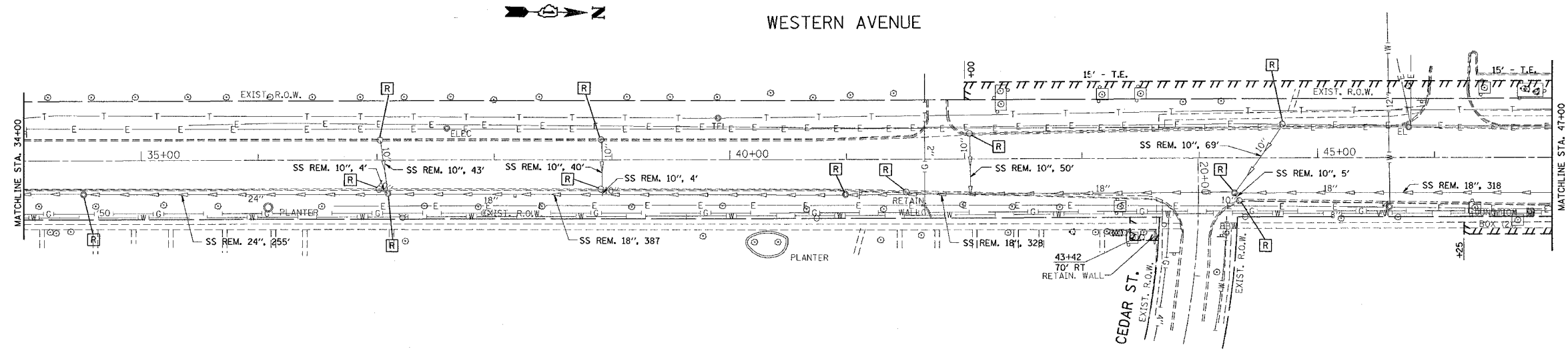


WESTERN AVENUE  
 EXISTING & PROPOSED  
 DRAINAGE & UTILITY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:

REF: 6/28/07  
 REF: 6/28/07  
 REF: 6/28/07  
 REF: 6/28/07

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	44
STA. 34+00		TO STA. 47+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



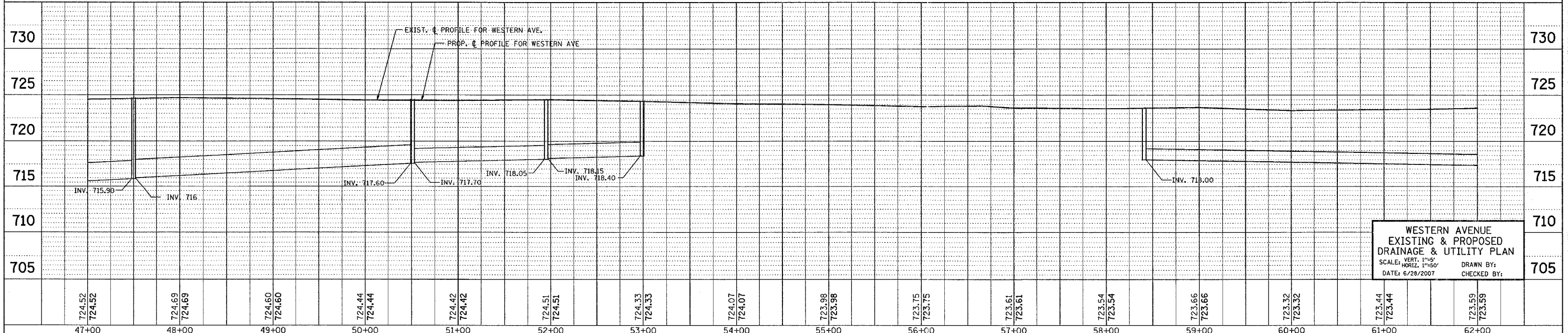
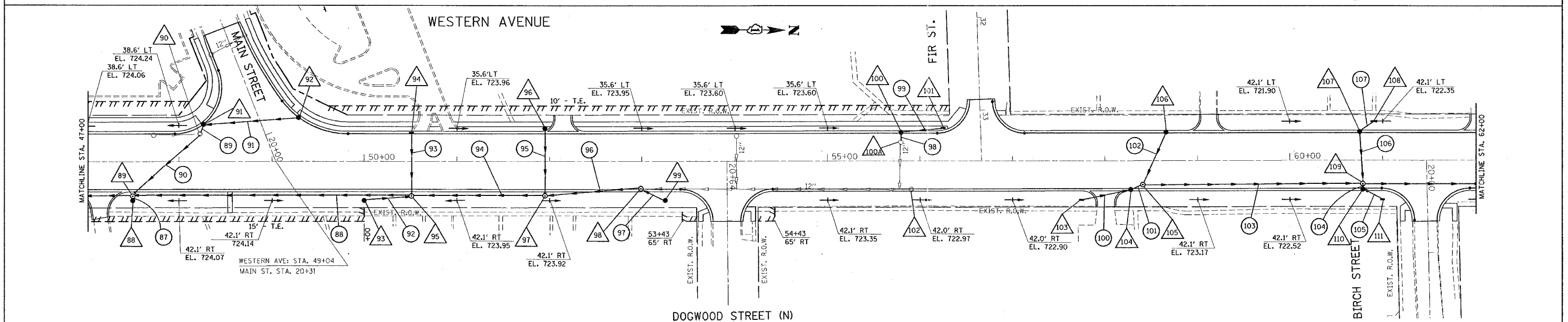
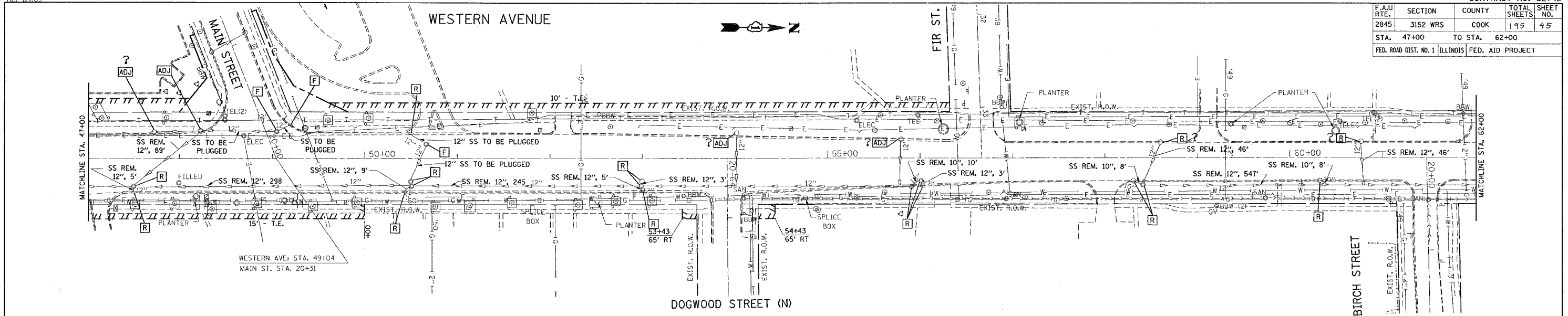
WESTERN AVENUE  
 EXISTING & PROPOSED  
 DRAINAGE & UTILITY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:



REF: 20105  
REF: 20105  
REF: 20105  
REF: 20105

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	45
STA. 47+00 TO STA. 62+00				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

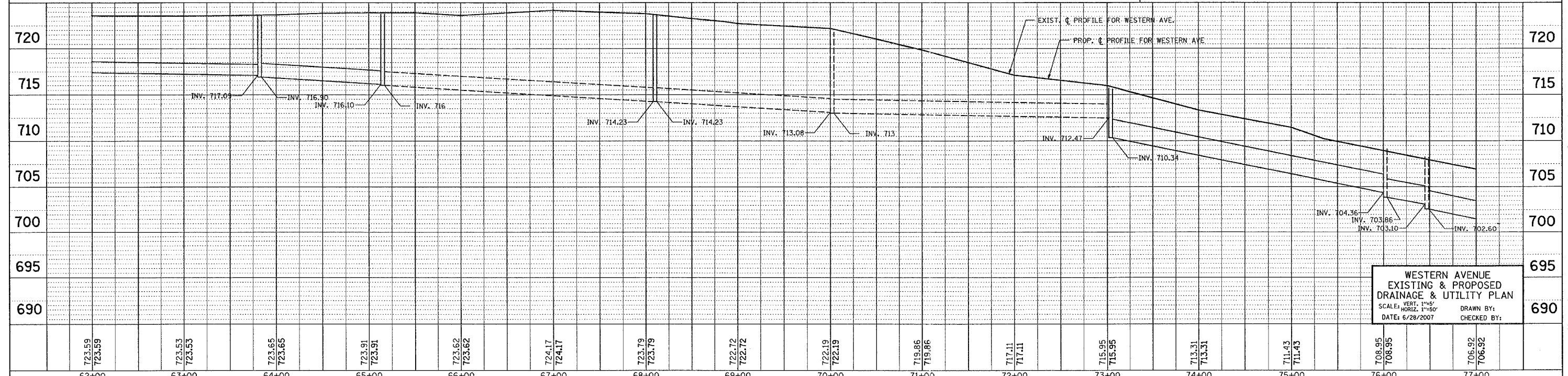
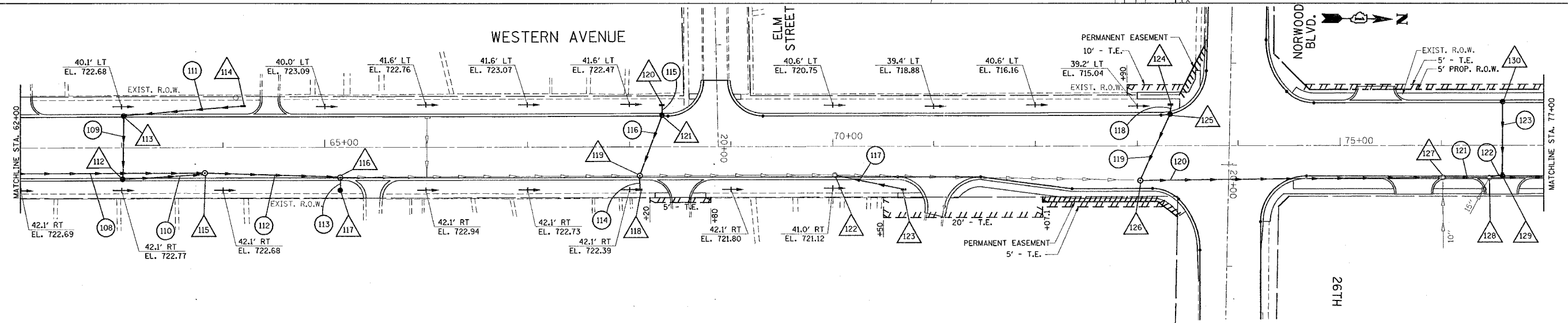
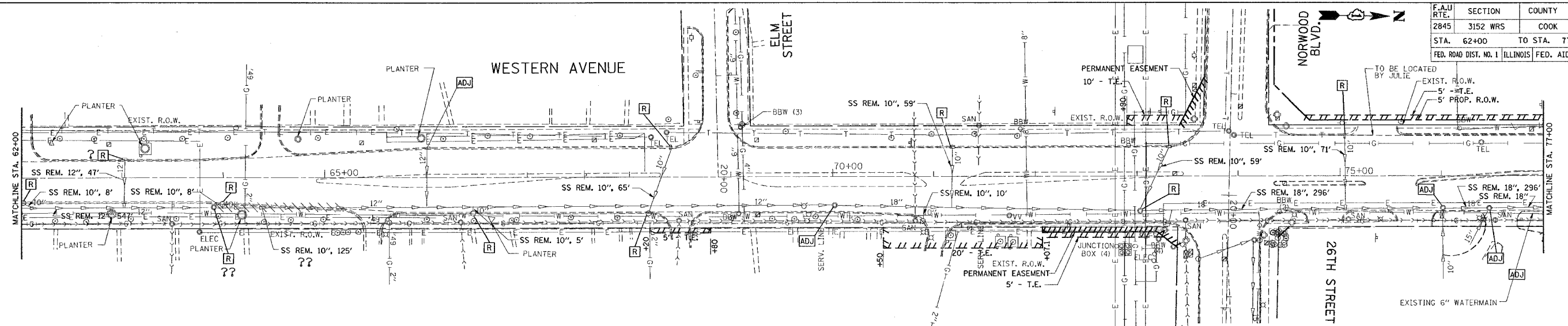


WESTERN AVENUE  
EXISTING & PROPOSED  
DRAINAGE & UTILITY PLAN  
SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 6/28/2007  
DRAWN BY:  
CHECKED BY:

REF: 2/10/06  
 REF: 2/10/06  
 REF: 2/10/06  
 REF: 2/10/06

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	46
STA. 62+00		TO STA. 77+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

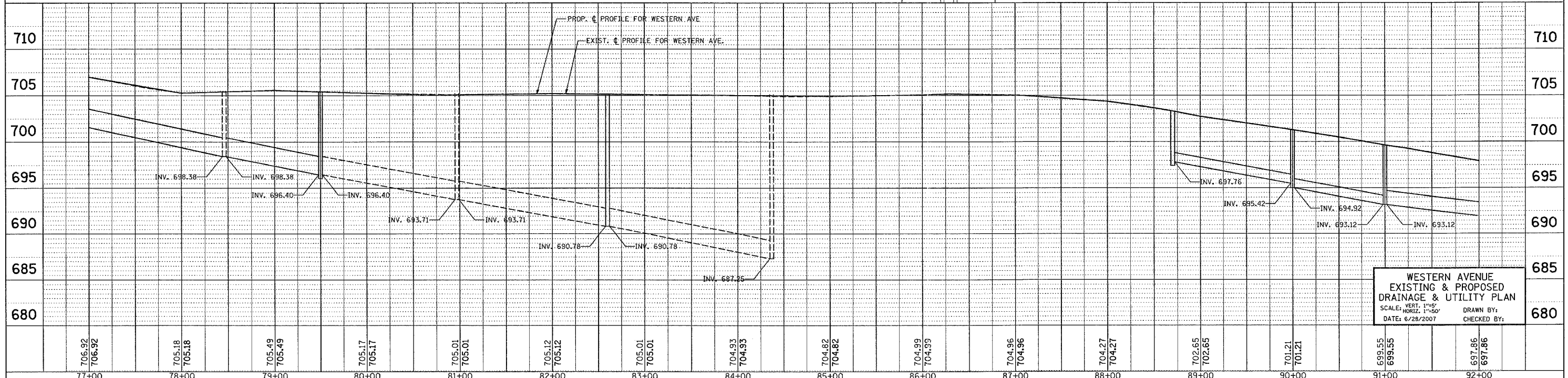
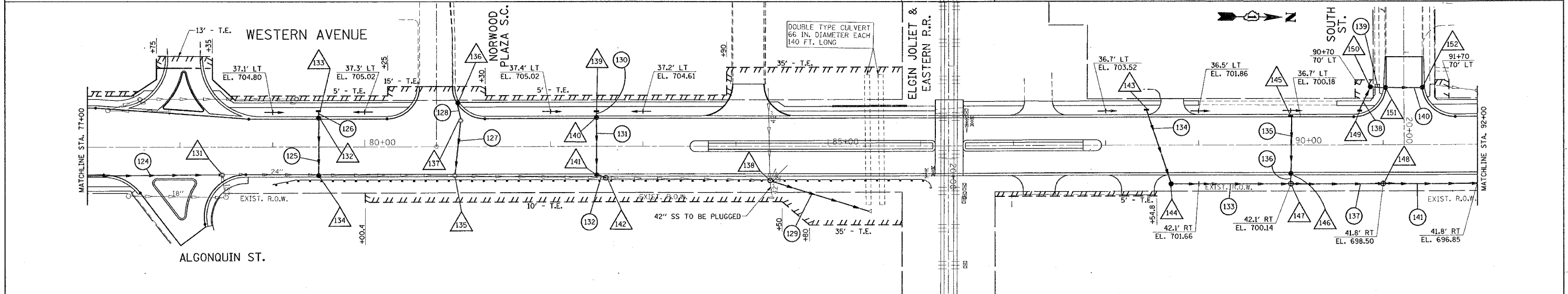
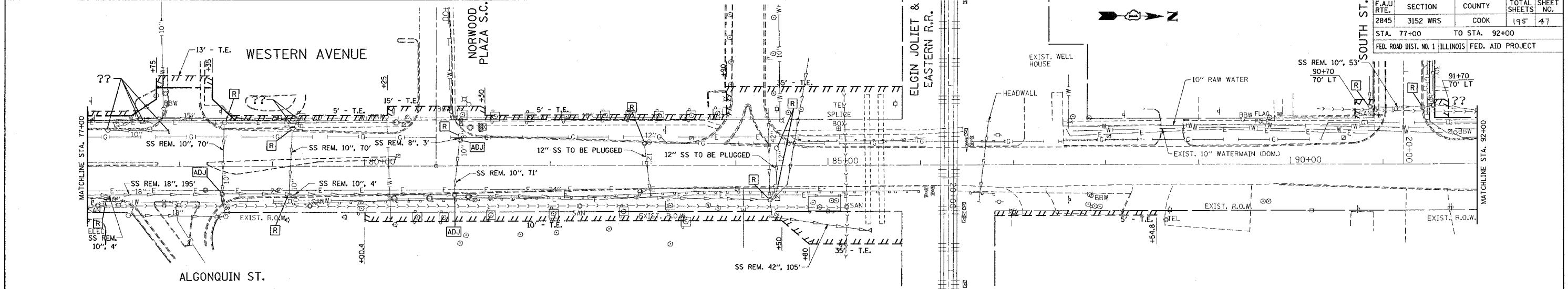


WESTERN AVENUE  
 EXISTING & PROPOSED  
 DRAINAGE & UTILITY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:

\*REF-drf07  
\*REF-drf07  
\*REF-drf07

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	47
STA. 77+00 TO STA. 92+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

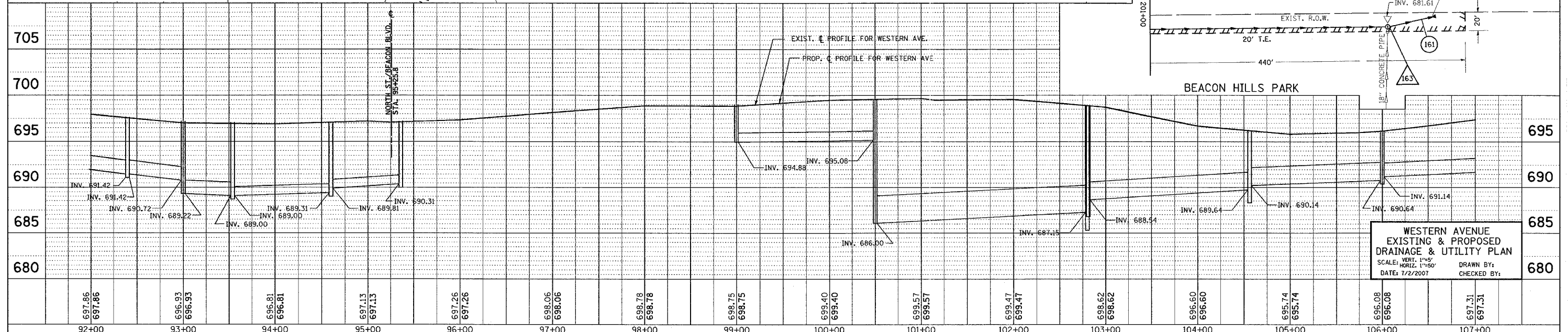
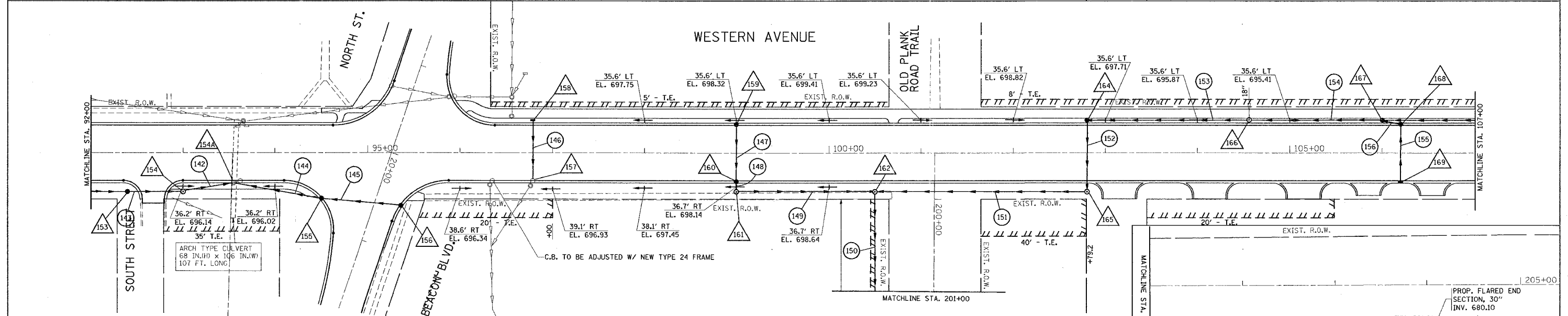
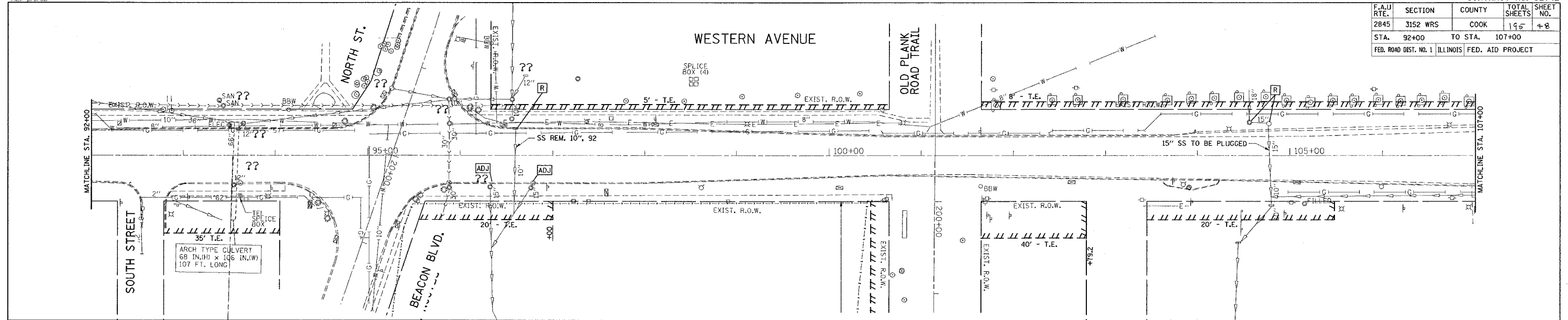


WESTERN AVENUE  
EXISTING & PROPOSED  
DRAINAGE & UTILITY PLAN  
SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 6/28/2007  
DRAWN BY:  
CHECKED BY:

REF: ead08  
REF: pdr08  
REF: pdr08

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	196	48
STA. 92+00		TO STA. 107+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



1/2/2007  
c:\projects\p44699\enr.drain.dgn  
bauer.d

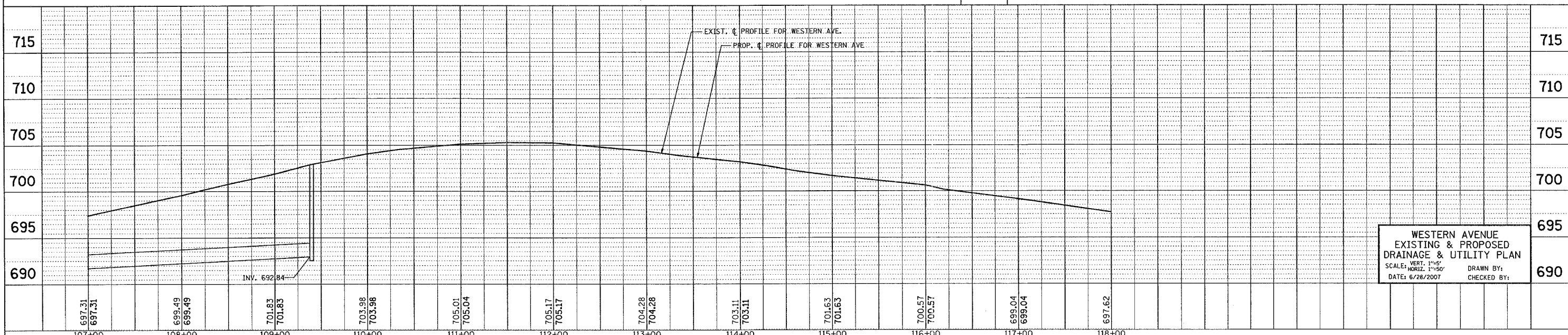
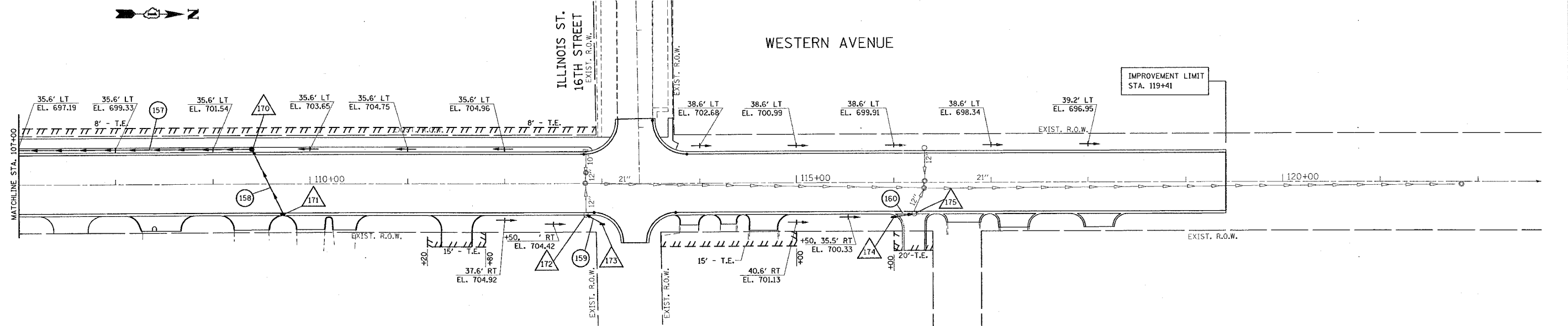
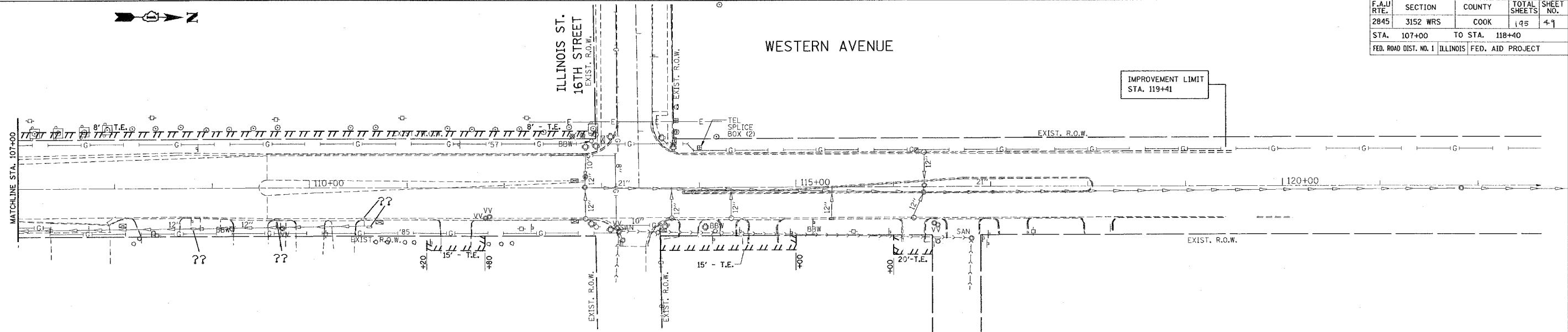
**WESTERN AVENUE  
EXISTING & PROPOSED  
DRAINAGE & UTILITY PLAN**  
SCALE: VERT: 1"=5'  
HORIZ: 1"=50'  
DATE: 7/2/2007  
DRAWN BY:  
CHECKED BY:



\*REF: eci09  
 \*REF: pdr09  
 \*REF: prf09

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	49
STA. 107+00		TO STA. 118+40		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

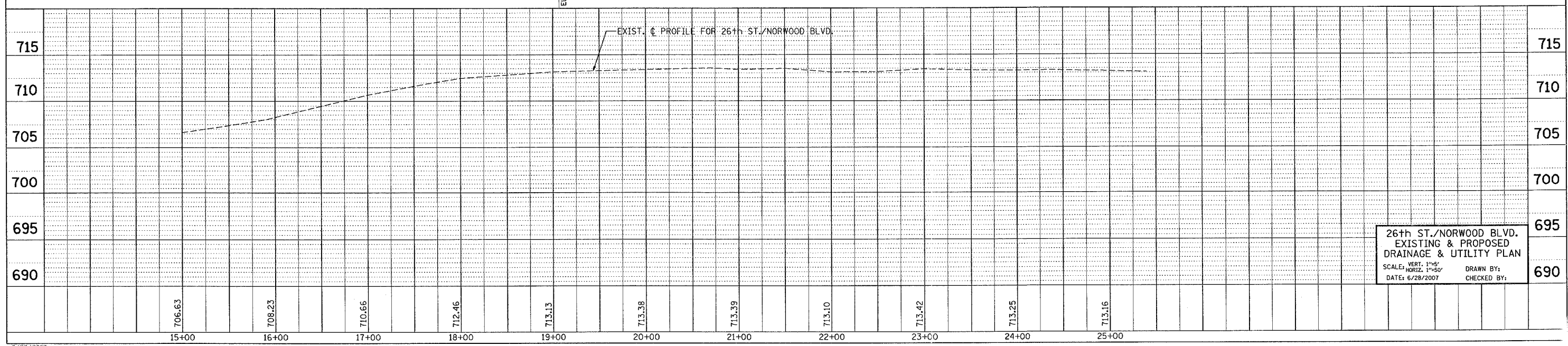
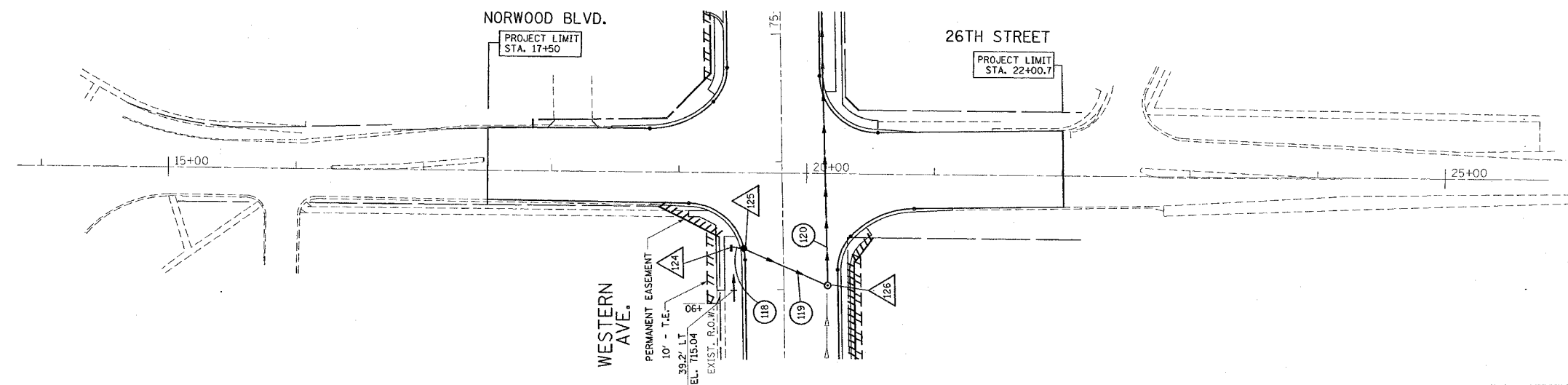
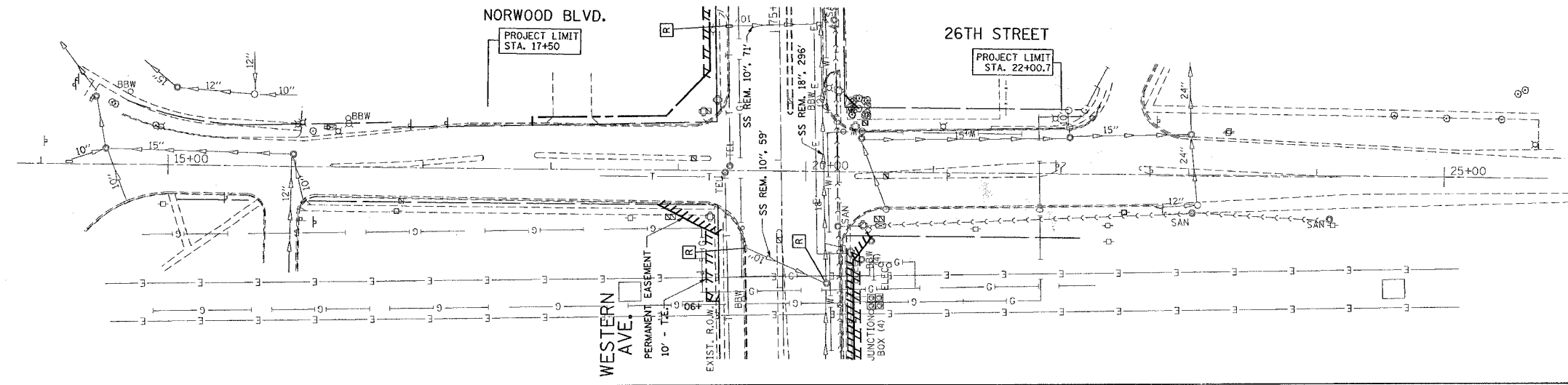


WESTERN AVENUE  
 EXISTING & PROPOSED  
 DRAINAGE & UTILITY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:

\*REF-edr/ll  
 \*REF-pdr/ll  
 \*REF-pro/ll

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	50
STA. 17+50		TO STA. 22+00.7		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



26th ST./NORWOOD BLVD.  
 EXISTING & PROPOSED  
 DRAINAGE & UTILITY PLAN  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 6/28/2007  
 DRAWN BY:  
 CHECKED BY:

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	175	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

1 CB, TYPE A, 4' DIA.  
STA. 222+46 32.1' LT.  
W/ TYPE 24 F&G  
T.O.G. 691.22  
INV. 685.47 (S)  
INV. 685.43 (E)

12 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 14+17, 33.4' LT.  
T.O.G. 696.39  
INV. 692.69 (SW)  
INV. 692.59 (NE)

24 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 19+00, 31' RT.  
T.O.G. 700.76  
INV. 696.00 (SE)  
INV. 697.50 (W)

35 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 24+73, 31.0' LT.  
T.O.G. 703.88  
INV. 699.67 (E)  
INV. 700.00 (SW)

46 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 28+51, 24.5' RT.  
T.O.G. 705.54  
INV. 698.30 (N)  
INV. 698.00 (S)  
INV. 701.00 (SW)  
INV. 701.50 (E)

57A MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 32+65, 25.4' RT.  
T.O.G. 712.15  
INV. 707.00 (W)  
INV. 700.76 (N)  
INV. 700.76 (S)

67 CB, TYPE C  
W/ TYPE 1 FR. & CL. LID  
STA. 38+85, 31' LT.  
T.O.G. 712.32  
INV. 709.00

2 INLET, TYPE A  
W/ TYPE 24 F&G  
STA. 222+36 32' LT.  
T.O.G. 691.24  
INV. 685.53 (N)

13 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 15+00, 36.6' LT.  
T.O.G. 696.20  
INV. 694.00

25 INLET, TYPE A  
W/ TYPE 24 F&G  
STA. 19+00, 31.0' LT.  
T.O.G. 700.83  
INV. 698.00

36 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 24+53, 42.6' LT.  
T.O.G. 703.09  
INV. 701.00

47 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 28+25, 31.0' LT.  
T.O.G. 706.79  
INV. 702.00

58 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 33+00, 31' LT.  
T.O.G. 712.12  
INV. 707.00 (E)  
INV. 707.50 (W)

68 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 37+09, 25' RT.  
T.O.G. 712.19  
INV. 705.92 (N)  
INV. 704.42 (S)  
INV. 706.50 (W)  
INV. 707.00 (SE)  
INV. 707.50 (NE)

3 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 222+55 24.9' RT.  
T.O.G. 690.51  
INV. 685.23 (W)  
INV. 684.50 (E)  
INV. 685.25 (N)

14 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 15+00, 31.00' LT.  
T.O.G. 696.09  
INV. 693.00 (W)  
INV. 692.90 (E)

26 MANHOLE, EXIST. TO BE ADJUSTED  
W/ NEW TYPE 1 FR. & CL. LID  
STA. 84+37, 37' RT.  
T.O.G. 704.49  
INV. (E&W) EXIST.  
INV. 697.35 (NE)

37 CB, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 24+73, 18.9' LT.  
T.O.G. 703.64  
INV. 698.55 (E)  
INV. 699.00 (W)

48 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 28+51, 31.0' RT.  
T.O.G. 707.07  
INV. 702.20

59 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 33+33, 25' RT.  
T.O.G. 712.42  
INV. 701.31 (N)  
INV. 701.31 (S)  
INV. 707.50 (W)  
INV. 707.92 (SE)

69 INLET, TYPE A  
W/ TYPE 24 F&G  
STA. 36+10, 31.0' LT.  
T.O.G. 712.40  
INV. 709.50

4 CB, TYPE A, 4' DIA.  
W/ TYPE 8 GRATE  
STA. 222+55 37.6' RT.  
T.O.G. 688.50  
INV. 684.60 (W)  
INV. 684.67 (SW)

15 EXISTING MANHOLE  
TO BE ADJUSTED  
W/ NEW TYPE 1 FR. & CL. LID  
STA. 14+93, 19.4 LT.  
T.O.G. 696.19  
INV. 692.60 (W)

27 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 20+27, 42.6' LT.  
T.O.G. 701.96  
INV. 699.00

38 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 24+84, 23.0' RT.  
T.O.G. 703.95  
INV. 695.91 (N)  
INV. 694.00 (S)  
INV. 698.08 (W)  
INV. 699.00 (E)

49 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 29+30, 37.6' RT.  
T.O.G. 708.02  
INV. 705.22

60 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 33+25, 31' LT.  
T.O.G. 712.12  
INV. 708.42

70 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 36+50, 31.0' RT.  
T.O.G. 712.66  
INV. 708.20 (SW)  
INV. 708.00 (NE)

5 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 222+46 32' RT.  
T.O.G. 690.88  
INV. 684.90 (S)  
INV. 684.80 (NE)

16 CONCRETE FLARED END SECTION, 12"  
STA. 16+20, 43.0' RT.  
INV. 693.40

28 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 20+26.6, 31.0' LT.  
T.O.G. 702.49  
INV. 698.00 (E)  
INV. 697.50 (W)

39 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 24+84, 31.0' RT.  
T.O.G. 703.81  
INV. 699.20

50 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 29+40, 24.5' RT.  
T.O.G. 708.46  
INV. 698.85 (N)  
INV. 698.74 (S)  
INV. 703.50 (W)  
INV. 704.50 (NE)

61 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 33+32, 42.1' LT.  
T.O.G. 710.80  
INV. 708.00

71 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 38+00, 31.0' RT.  
T.O.G. 712.83  
INV. 709.00

6 INLET, TYPE A  
W/ TYPE 24 F&G  
STA. 222+36 32.1' RT.  
T.O.G. 690.92  
INV. 685.00 (N)

17 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 16+20, 29.0' RT.  
T.O.G. 696.89  
INV. 685.03 (N)  
INV. 693.54 (E)

29 MANHOLE, TYPE A, 6' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 20+40, 23.4' RT.  
T.O.G. 702.29  
INV. 690.78 (N)  
INV. 689.78 (S)  
INV. 696.50 (NE)  
INV. 697.00 (W)  
INV. 696.00 (SW)

40 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 26+88, 42.6' LT.  
T.O.G. 704.64  
INV. 702.00

51 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 30+00, 31.0' RT.  
T.O.G. 709.15  
INV. 705.10

62 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 34+51, 25.0' RT.  
T.O.G. 712.60  
INV. 702.36 (N)  
INV. 702.26 (S)  
INV. 706.00 (NE)

72 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 40+99, 26.2' RT.  
T.O.G. 714.52  
INV. 708.39 (N)  
INV. 707.39 (S)  
INV. 710.00 (SE)

7 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 224+32 22.8' RT.  
T.O.G. 692.26  
INV. 687.50 (S)  
INV. 688.00 (W)  
MAINTAIN EXIST. INV. (N)

18 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 16+88, 29.3' RT.  
T.O.G. 697.89  
INV. 685.61 (N)  
INV. 685.51 (S)  
INV. 693.00 (W)

30 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 20+45, 31.0' RT.  
T.O.G. 702.20  
INV. 696.00

41 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 27+00, 31.0' LT.  
T.O.G. 705.05  
INV. 699.50 (E)  
INV. 700.00 (SW)

52 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 29+42, 31.0' LT.  
T.O.G. 708.67  
INV. 704.08 (E)  
INV. 705.08 (SW)

63 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 35+00, 31.0' RT.  
T.O.G. 712.44  
INV. 707.25 (S)  
INV. 707.75 (W)  
INV. 707.50 (NE)

73 INLET, TYPE A  
W/ TYPE 24 F&G  
STA. 40+25, 31.0' LT.  
T.O.G. 713.18  
INV. 710.50

8 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 224+32 1.6' LT.  
T.O.G. 692.59  
INV. 688.50 (W)  
INV. 688.10 (E)

19 MANHOLE TO BE ADJUSTED  
W/ NEW TYPE 1 FR. & CL. LID  
STA. 16+88, 23.0 RT.  
T.O.G. 697.80  
INV. 693.20

31 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 22+80, 31.0' LT.  
T.O.G. 703.59  
INV. 698.54

42 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 27+02, 24.5' RT.  
T.O.G. 705.18  
INV. 697.26 (N)  
INV. 699.50 (NE)  
INV. 697.00 (S)  
INV. 699.00 (W)

53 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 32+00, 24.5' RT.  
T.O.G. 711.48  
INV. 700.26 (N)  
INV. 700.16 (S)  
INV. 706.00 (SE)  
INV. 706.50 (SW)

64 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 36+00, 42.6' RT.  
T.O.G. 711.62  
INV. 708.00

74 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 40+25, 31' RT.  
T.O.G. 713.35  
INV. 710.15 (NW)  
INV. 710.20 (W)

9 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 224+32, 40.1' LT.  
T.O.G. 693.25  
INV. 689.00 (E)  
INV. 689.40 (N)  
INV. 689.20 (NE)

20 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 17+70, 36.6' LT.  
T.O.G. 699.00  
INV. 695.50

32 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 22+80, 23.0' RT.  
T.O.G. 703.92  
INV. 692.98 (N)  
INV. 691.98 (S)  
INV. 697.00 (NE)  
INV. 698.00 (W)

43 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 27+28, 49.14' RT.  
T.O.G. 704.33  
INV. 699.84 (SW)  
INV. 700.33 (NW)

54 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 31+50, 31.0' LT.  
T.O.G. 711.09  
INV. 707.00

65 INLET, TYPE A  
W/ TYPE 24 F&G  
STA. 35+00, 31.0' LT.  
T.O.G. 712.42  
INV. 707.00

75 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 42+00, 38.6' LT.  
T.O.G. 716.10  
INV. 713.14

9A PROP. CB, TYPE C  
W/ TYPE 24 F&G  
STA. 224+48, 32.04' RT.  
T.O.G. 692.30  
INV. 689.40

21 MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 17+67, 29.8' RT.  
T.O.G. 698.72  
INV. 688.10 (N)  
INV. 686.16 (S)  
INV. 693.00 (W)  
INV. 694.00 (NE)

33 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 23+00, 31.1' RT.  
T.O.G. 703.73  
INV. 697.26 (SW)  
INV. 698.50 (E)

44 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 27+67, 49.5' RT.  
T.O.G. 704.45  
INV. 700.73 (S)  
INV. 701.23 (N)

55 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 31+75, 31.0' RT.  
T.O.G. 711.17  
INV. 707.00

66 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 37+50, 31' LT.  
T.O.G. 712.97  
INV. 708.20 (N)  
INV. 707.50 (SE)

10 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 225+37 40.1' LT.  
T.O.G. 695.75  
INV. 690.25 (S)

23 CB, TYPE A, 4' DIA.  
W/ TYPE 8 GRATE  
STA. 18+50, 37.6' RT.  
T.O.G. 699.89  
INV. 694.83 (SW)  
INV. 695.83 (NW)

34 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 23+00, 38.6' RT.  
T.O.G. 703.47  
INV. 698.60

45 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 28+00, 42.6' RT.  
T.O.G. 705.58  
INV. 702.07

56 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 32+39, 34.5' LT.  
T.O.G. 711.73  
INV. 708.50

57 MANHOLE, TYPE A, 4' DIA.,  
W/ TYPE 1 FR. & CL. LID  
STA. 32+66.9, 20.6' LT.  
T.O.G. 712.22  
INV. 707.75 (SW)  
INV. MAINTAIN EXISTING (NW)  
INV. 707.50 (E)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
WESTERN AVENUE  
PROPOSED DRAINAGE  
STRUCTURE TABLES  
  
SCALE: VERT. NONE  
HORIZ. NONE  
DATE 6/28/2007  
  
DRAWN BY  
CHECKED BY

PLOT DATE = 6/28/2007  
FILE NAME = c:\projects\2444695\ah.dwg  
PLOT SCALE = 1/8" = 1'-0"  
USER NAME = bauerd





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	53
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

145 INLET, TYPE A  
W/ TYPE 24 F&G  
STA. 90+00, 31.0' LT.  
T.O.G. 700.32  
INV. 696.74

154A MANHOLE TO BE ADJUSTED  
STA. 93+55, 32.6' RT.  
T.O.G. 696.80  
INV. 689.00 (S)  
INV. 689.00 (N)

164 CB, TYPE A, 4' DIA.  
W/ TYPE 8 GRATE  
STA. 102+80, 35.6' LT.  
T.O.G. 697.79  
INV. 688.54 (N)  
INV. 688.04 (E)

174 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 116+00, 35.6' RT.  
T.O.G. 699.83  
INV. 695.28

146 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 90+00, 31' RT.  
T.O.G. 700.25  
INV. 695.62 (E)  
INV. 696.00 (W)

155 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 94+60, 42' RT.  
T.O.G. 696.01  
INV. 689.31 (S)  
INV. 689.81 (N)

165 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 102+80, 42.0' RT.  
T.O.G. 697.41  
INV. 687.65 (W)  
INV. 687.15 (S)

175 CB, EXIST. TO BE ADJUSTED  
W/ NEW TYPE 24 F&G  
STA. 116+20.8, 32' RT.  
T.O.G. 699.46  
INV. 696.06 (W) EXIST.  
INV. 695.06 (N) PROP

147 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 90+00, 42.0' RT.  
T.O.G. 700.18  
INV. 693.92 (N)  
INV. 694.42 (S)  
INV. 695.42 (W)

156 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 95+36, 57' RT.  
T.O.G. 696.31  
INV. 690.31

166 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID.  
STA. 104+56.2, 35.9' LT.  
T.O.G. 695.91  
INV. 690.14 (N)  
INV. 689.64 (S)  
INV. MAINTAIN EXISTING (W)

148 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 91+00, 42.0' RT.  
T.O.G. 698.84  
INV. 693.12 (S)  
INV. 693.12 (N)

157 CB, EXIST. TO BE ADJUSTED  
W/ NEW TYPE 24 F&G  
STA. 96+78.7, 30.2' RT.  
T.O.G. 696.77 EXIST.  
INV. 692.07 (E) EXIST.  
INV. 692.27 (W)

167 CB, TYPE A, 4' DIA.  
W/ TYPE 8 GRATE  
STA. 106+00, 35.6' LT.  
T.O.G. 695.82  
INV. 691.14 (N)  
INV. 690.64 (S)  
INV. 691.32 (W)

149 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 90+75, 36.7' LT.  
T.O.G. 698.93  
INV. 696.00

158 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 96+78.7, 35.6' LT.  
T.O.G. 697.48  
INV. 693.40

168 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 106+20.1, 31.3' LT.  
T.O.G. 695.90  
INV. 691.50 (S)  
INV. 692.00 (E)

150 CB, TYPE A, 4' DIA.  
W/ TYPE 8 GRATE  
STA. 90+86.4, 62.5' LT.  
T.O.G. 699.08  
INV. MAINTAIN EXISTING (W)  
INV. 695.50 (SE)  
INV. 695.00 (N)

159 CB, TYPE C  
W/ TYPE 24 F&G  
STA. 99+00, 31' LT.  
T.O.G. 698.12  
INV. 696.00

169 INLET, TYPE A  
W/ TYPE 24 F&G  
STA. 106+20.1, 31.3' RT.  
T.O.G. 695.84  
INV. 692.31

151 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 91+02.7, 61.6' LT.  
T.O.G. 697.70  
INV. 693.90 (S)  
INV. 693.70 (N)

160 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 99+00, 31' RT.  
T.O.G. 698.16  
INV. 695.88 (W)  
INV. 695.48(E)

170 CB, TYPE A, 4' DIA.  
W/ TYPE 8 GRATE  
STA. 109+40.0, 35.8' LT.  
T.O.G. 703.08  
INV. 692.84 (S)  
INV. 693.84 (E)

152 CB, TYPE A, 4' DIA.  
W/ TYPE 24 F&G  
STA. 91+42  
RIM 697.63  
INV. MAINTAIN EXISTING (NW)  
INV. 693.50 (S)

161 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 99+00, 42.0' RT.  
T.O.G. 699.29  
INV. 694.88 (N)  
INV. 695.28 (W)

171 INLET, TYPE A  
W/ TYPE 24 F&G  
STA. 109+71.7, 31.3' RT.  
T.O.G. 702.79  
INV. 695.21

153 CB, TYPE A, 4' DIA.  
W/ TYPE 8 GRATE  
STA. 92+40, 42' RT.  
T.O.G. 696.70  
INV. 691.42 (N)  
INV. 691.42 (S)

162 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 100+50, 42.0' RT.  
T.O.G. 700.06  
INV. 694.08 (S)  
INV. 686.00 (N)  
INV. 685.00 (E)

172 CB, EXIST. TO BE ADJUSTED  
W/ NEW TYPE 24 F&G  
STA. 112+83.7, 31.2' RT.  
T.O.G. 704.16  
INV. 701.57 (W) EXIST.  
INV. 700.76 (N) PROP

154 MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FR. & CL. LID  
STA. 93+00, 42.0' RT.  
T.O.G. 696.31  
INV. 689.22 (N)  
INV. 690.72 (S)

163 MANHOLE, TYPE A, 4' DIA. OVER EXIST. 18" SS  
W/ TYPE 1 FR. & CL. LID  
STA. 100+50, 406.6' RT.  
T.O.G. TO BE DETERMINED IN CONSTRUCTION  
INV. 681.68 (W)  
INV. 681.00 (E)  
INV. MAINTAIN EXISTING (S)

173 INLET, TYPE A  
W/ TYPE 8 GRATE  
STA. 113+00, 41.7' RT.  
T.O.G. 703.92  
INV. 700.94

PLOT DATE = 7/2/2007  
FILE NAME = c:\p\projects\62742\62742.dwg  
PLOT SCALE = 5/8"=1'-0"  
USER NAME = bauerd

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WESTERN AVENUE  
PROPOSED DRAINAGE  
STRUCTURE TABLES

SCALE: VERT. NONE  
HORIZ. NONE  
DATE 7/2/2007

DRAWN BY  
CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

- 1 PROP. SS, CLASS A, TYPE II, 12", 10 FT
- 2 PROP. SS, CLASS A, TYPE II, 12", 57.3 FT
- 3 PROP. SS, CLASS A, TYPE II, 18", 13 FT
- 4 PROP. SS, CLASS A, TYPE II, 12", 7 FT
- 5 PROP. SS, CLASS A, TYPE II, 12", 10 FT
- 6 PROP. SS, CLASS A, TYPE II, 18", 150 FT
- 7 PROP. SS, CLASS A, TYPE II, 18", 23 FT
- 8 PROP. SS, CLASS A, TYPE II, 18", 42 FT
- 9 PROP. SS, CLASS A, TYPE II, 12", 17 FT
- 10 PROP. SS, CLASS A, TYPE II, 18", 105 FT

- 11 PROP. SS, CLASS A, TYPE II, 12", 18 FT
- 12 PROP. SS, CLASS A, TYPE II, 12", 7 FT
- 13 PROP. SS, CLASS A, TYPE II, 12", 14 FT
- 14 PROP. SS, CLASS A, TYPE II, 12", 14 FT
- 15 PROP. SS, CLASS A, TYPE II, 42", 68 FT
- 16 PROP. SS, CLASS A, TYPE II, 12", 6 FT
- 17 PROP. SS, CLASS A, TYPE II, 42", 79 FT
- 18 PROP. SS, CLASS A, TYPE II, 12", 10 FT
- 19 PROP. SS, CLASS A, TYPE II, 12", 60 FT
- 20 PROP. SS, CLASS A, TYPE II, 42", 240 FT
- 21 PROP. SS, CLASS A, TYPE II, 12", 83 FT
- 22 PROP. SS, CLASS A, TYPE II, 12", 50 FT
- 23 PROP. SS, CLASS A, TYPE II, 12", 62 FT
- 24 PROP. SS, CLASS A, TYPE II, 12", 11 FT
- 25 PROP. SS, CLASS A, TYPE II, 12", 65 FT
- 26 PROP. SS, CLASS A, TYPE II, 12", 54 FT
- 27 PROP. SS, CLASS A, TYPE II, 12", 8 FT
- 28 PROP. SS, CLASS A, TYPE II, 42", 240 FT
- 29 PROP. SS, CLASS A, TYPE II, 12", 54 FT
- 30 PROP. SS, CLASS A, TYPE II, 12", 26 FT
- 31 PROP. SS, CLASS A, TYPE II, 12", 9 FT
- 32 PROP. SS, CLASS A, TYPE II, 42", 201 FT
- 33 PROP. SS, CLASS A, TYPE II, 12", 45 FT
- 34 PROP. SS, CLASS A, TYPE II, 12", 8 FT
- 35 PROP. SS, CLASS A, TYPE II, 12", 23 FT
- 36 PROP. SS, CLASS A, TYPE II, 12", 12 FT
- 37 PROP. SS, CLASS A, TYPE II, 36", 218 FT
- 38 PROP. SS, CLASS A, TYPE II, 12", 20 FT
- 39 PROP. SS, CLASS A, TYPE II, 12", 58 FT
- 40 PROP. SS, CLASS A, TYPE II, 12", 54 FT
- 41 PROP. SS, CLASS A, TYPE II, 12", 39 FT
- 42 PROP. SS, CLASS A, TYPE II, 12", 36 FT
- 43 PROP. SS, CLASS A, TYPE II, 12", 34 FT
- 44 PROP. SS, CLASS A, TYPE II, 36", 88 FT
- 45 PROP. SS, CLASS A, TYPE II, 12", 60 FT
- 46 PROP. SS, CLASS A, TYPE II, 12", 8 FT
- 47 PROP. SS, CLASS A, TYPE II, 12", 14 FT
- 48 PROP. SS, CLASS A, TYPE II, 12", 54 FT
- 49 PROP. SS, CLASS A, TYPE II, 12", 60 FT
- 50 PROP. SS, CLASS A, TYPE II, 36", 262 FT
- 51 PROP. SS, CLASS A, TYPE II, 12", 75 FT
- 52 PROP. SS, CLASS A, TYPE II, 12", 28 FT
- 53 PROP. SS, CLASS A, TYPE II, 12", 31 FT
- 54 PROP. SS, CLASS A, TYPE II, 18", 46 FT
- 55 PROP. SS, CLASS A, TYPE II, 12", 11 FT
- 56 PROP. SS, CLASS A, TYPE II, 12", 46 FT
- 57 PROP. SS, CLASS A, TYPE II, 12", 8 FT
- 58 PROP. SS, CLASS A, TYPE II, 36", 118 FT
- 59 PROP. SS, CLASS A, TYPE II, 36", 68 FT
- 60 PROP. SS, CLASS A, TYPE II, 36", 65 FT
- 61 PROP. SS, CLASS A, TYPE II, 12", 47 FT
- 62 PROP. SS, CLASS A, TYPE II, 12", 61 FT
- 63 PROP. SS, CLASS A, TYPE II, 12", 101 FT

- 64 PROP. SS, CLASS A, TYPE II, 36", 258 FT
- 65 PROP. SS, CLASS A, TYPE II, 12", 75 FT
- 66 PROP. SS, CLASS A, TYPE II, 12", 59 FT
- 67 PROP. SS, CLASS A, TYPE II, 12", 91 FT
- 68 PROP. SS, CLASS A, TYPE II, 12", 67 FT
- 69 PROP. SS, CLASS A, TYPE II, 12", 135 FT
- 70 PROP. SS, CLASS A, TYPE II, 30", 387 FT
- 71 PROP. SS, CLASS A, TYPE II, 12", 62 FT
- 72 PROP. SS, CLASS A, TYPE II, 24", 104 FT
- 73 PROP. SS, CLASS A, TYPE II, 12", 74 FT
- 74 PROP. SS, CLASS A, TYPE II, 12", 8 FT
- 75 PROP. SS, CLASS A, TYPE II, 12", 125 FT
- 76 PROP. SS, CLASS A, TYPE II, 12", 15 FT
- 77 PROP. SS, CLASS A, TYPE II, 12", 61 FT
- 78 PROP. SS, CLASS A, TYPE II, 24", 225 FT
- 79 PROP. SS, CLASS A, TYPE II, 12", 11 FT
- 80 PROP. SS, CLASS A, TYPE II, 12", 81 FT
- 81 PROP. SS, CLASS A, TYPE II, 12", 13 FT
- 82 PROP. SS, CLASS A, TYPE II, 24", 234 FT
- 83 PROP. SS, CLASS A, TYPE II, 12", 62 FT
- 84 PROP. SS, CLASS A, TYPE II, 12", 7 FT
- 85 PROP. SS, CLASS A, TYPE II, 12", 9 FT
- 86 PROP. SS, CLASS A, TYPE II, 24", 95 FT
- 87 PROP. SS, CLASS A, TYPE II, 12", 5 FT
- 88 PROP. SS, CLASS A, TYPE II, 24", 301 FT.
- 89 PROP. SS, CLASS A, TYPE II, 12", 11 FT
- 90 PROP. SS, CLASS A, TYPE II, 12", 98 FT
- 91 PROP. SS, CLASS A, TYPE II, 12", 103 FT
- 92 PROP. SS, CLASS A, TYPE II, 12", 50 FT
- 93 PROP. SS, CLASS A, TYPE II, 12", 68 FT
- 94 PROP. SS, CLASS A, TYPE II, 18", 144 FT
- 95 PROP. SS, CLASS A, TYPE II, 12", 65 FT
- 96 PROP. SS, CLASS A, TYPE II, 18", 104 FT
- 97 PROP. SS, CLASS A, TYPE II, 12", 29 FT
- 98 PROP. SS, CLASS A, TYPE II, 12", 11 FT
- 99 PROP. SS, CLASS A, TYPE II, 12", 46 FT
- 100 PROP. SS, CLASS A, TYPE II, 12", 55 FT
- 101 PROP. SS, CLASS A, TYPE II, 12", 14 FT
- 102 PROP. SS, CLASS A, TYPE II, 12", 61 FT
- 103 PROP. SS, CLASS A, TYPE II, 15", 237 FT
- 104 PROP. SS, CLASS A, TYPE II, 12", 6 FT
- 105 PROP. SS, CLASS A, TYPE II, 12", 24 FT
- 106 PROP. SS, CLASS A, TYPE II, 12", 55 FT
- 107 PROP. SS, CLASS A, TYPE II, 12", 27 FT
- 108 PROP. SS, CLASS A, TYPE II, 15", 303 FT
- 109 PROP. SS, CLASS A, TYPE II, 12", 60 FT
- 110 PROP. SS, CLASS A, TYPE II, 12", 80 FT
- 111 PROP. SS, CLASS A, TYPE II, 12", 117 FT
- 112 PROP. SS, CLASS A, TYPE II, 18", 133 FT
- 113 PROP. SS, CLASS A, TYPE II, 12", 12 FT
- 114 PROP. SS, CLASS A, TYPE II, 12", 10 FT
- 115 PROP. SS, CLASS A, TYPE II, 12", 10 FT
- 116 PROP. SS, CLASS A, TYPE II, 12", 62 FT.

- 117 PROP. SS, CLASS A, TYPE II, 12", 70 FT
- 118 PROP. SS, CLASS A, TYPE II, 12", 10 FT
- 119 PROP. SS, CLASS A, TYPE II, 12", 73 FT
- 120 PROP. SS, CLASS A, TYPE II, 24", 299 FT
- 121 PROP. SS, CLASS A, TYPE II, 24", 45 FT
- 122 PROP. SS, CLASS A, TYPE II, 12", 10 FT
- 123 PROP. SS, CLASS A, TYPE II, 12", 74 FT
- 124 PROP. SS, CLASS A, TYPE II, 24", 199 FT
- 125 PROP. SS, CLASS A, TYPE II, 12", 62 FT
- 126 PROP. SS, CLASS A, TYPE II, 12", 8 FT
- 127 PROP. SS, CLASS A, TYPE II, 12", 60 FT
- 128 PROP. SS, CLASS A, TYPE II, 12", 17 FT
- 129 PROP. SS, CLASS A, TYPE II, 42", 100 FT
- 130 PROP. SS, CLASS A, TYPE II, 12", 7 FT
- 131 PROP. SS, CLASS A, TYPE II, 12", 62 FT
- 132 PROP. SS, CLASS A, TYPE II, 12", 11 FT

- 133 PROP. SS, CLASS A, TYPE II, 12", 130 FT
- 134 PROP. SS, CLASS A, TYPE II, 12", 84 FT
- 135 PROP. SS, CLASS A, TYPE II, 12", 62 FT
- 136 PROP. SS, CLASS A, TYPE II, 12", 11 FT
- 137 PROP. SS, CLASS A, TYPE II, 12", 100 FT
- 138 PROP. SS, CLASS A, TYPE II, 12", 28 FT
- 139 PROP. SS, CLASS A, TYPE II, 12", 17 FT
- 140 PROP. SS, CLASS A, TYPE II, 12", 39 FT
- 141 PROP. SS, CLASS A, TYPE II, 18", 140 FT
- 142 PROP. SS, CLASS A, TYPE II, 18", 55 FT
- 143 PROP. SS, CLASS A, TYPE II, 18", 140 FT
- 144 PROP. SS, CLASS A, TYPE II, 12", 96 FT
- 145 PROP. SS, CLASS A, TYPE II, 12", 82 FT
- 146 PROP. SS, CLASS A, TYPE II, 12", 66 FT
- 147 PROP. SS, CLASS A, TYPE II, 12", 62 FT
- 148 PROP. SS, CLASS A, TYPE II, 12", 11 FT
- 149 PROP. SS, CLASS A, TYPE II, 12", 150 FT
- 150 PROP. SS, CLASS A, TYPE II, 36", 365 FT
- 151 PROP. SS, CLASS A, TYPE II, 36", 230 FT
- 152 PROP. SS, CLASS A, TYPE II, 30", 78 FT
- 153 PROP. SS, CLASS A, TYPE II, 24", 220.2 FT
- 154 PROP. SS, CLASS A, TYPE II, 24", 103.8 FT
- 155 PROP. SS, CLASS A, TYPE II, 12", 62 FT
- 156 PROP. SS, CLASS A, TYPE II, 12", 21 FT
- 157 PROP. SS, CLASS A, TYPE II, 18", 340 FT
- 158 PROP. SS, CLASS A, TYPE II, 12", 74 FT
- 159 PROP. SS, CLASS A, TYPE II, 12", 19 FT
- 160 PROP. SS, CLASS A, TYPE II, 12", 86 FT
- 161 PROP. SS, CLASS A, TYPE II, 30", 45 FT.

PLOT DATE = 7/2/2007  
 FILE NAME = c:\p\projects\p14489\ah.drain.dgn  
 PLOT SCALE = 500000 / IN.  
 USER NAME = bward

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WESTERN AVENUE  
 PROPOSED DRAINAGE  
 PIPE TABLES

SCALE: VERT. NONE  
 HORIZ. NONE  
 DATE 7/2/2007

DRAWN BY  
 CHECKED BY

PART OF THE SE 1/4 OF SECTION 36, T35N. R13E. & PART OF THE SW 1/4 OF SECTION 31, T35N. R14E. OF THE 3rd PM, COOK COUNTY, ILLINOIS.

BEARINGS SHOW HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



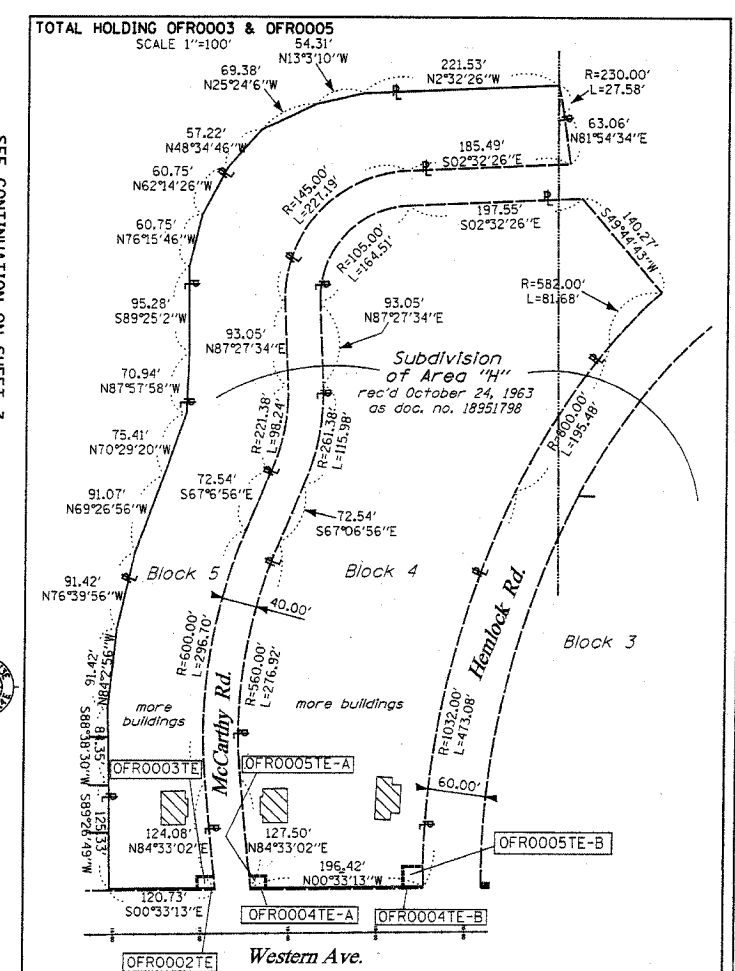
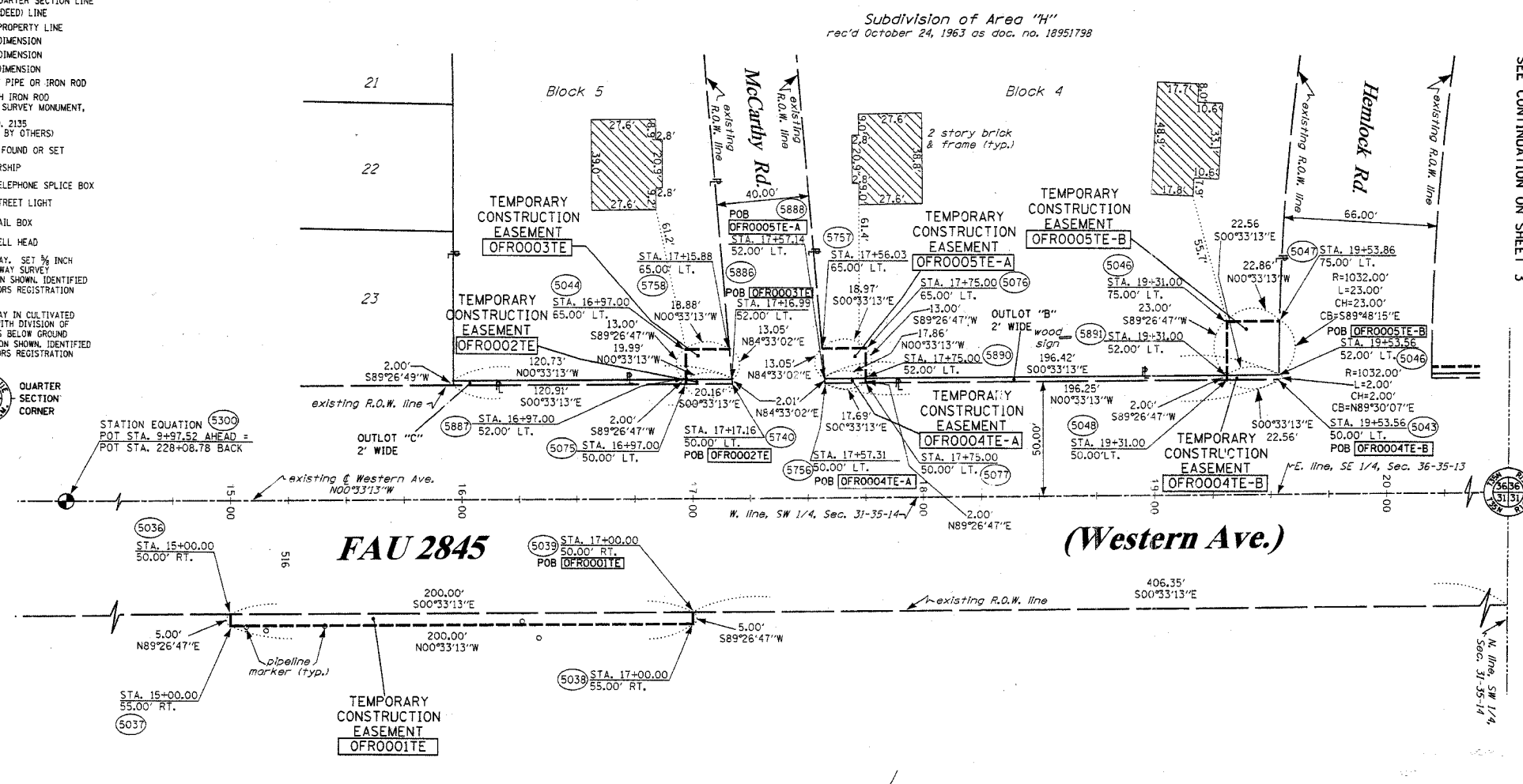
LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPL APPARENT PROPERTY LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT
- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LGT EXISTING STREET LIGHT
- MAIL EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY 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. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	55

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



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
OFR0001	FOREST PRESERVE DISTRICT OF COOK COUNTY	N/A	N/A	N/A	N/A	0.023	N/A	N/A	32-31-300-002	
OFR0002	VILLAGE OF PARK FOREST	0.006	N/A	N/A	0.006	0.001	N/A	N/A	31-36-417-004	
OFR0003	TWIN ARBOR IN PARK FOREST	2.861	N/A	N/A	2.861	0.006	N/A	N/A	31-36-200-028	
OFR0004	VILLAGE OF PARK FOREST	0.009	N/A	N/A	0.009	A-0.001	N/A	N/A	31-36-417-002	
OFR0005	TWIN ARBOR IN PARK FOREST	4.653	N/A	N/A	4.653	A-0.006	N/A	N/A	31-36-200-028	



THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 36, TOWNSHIP 35 NORTH, RANGE 14 EAST AND IN SECTION 31, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS. THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 19th DAY OF July 2006.  
 RONALD F. HODGEN P.L.S., NO. 2630  
 MY LICENSE EXPIRES 11-30-06

RUETTIGER, TONELLI & ASSOCIATES, INC.  
 Lead Surveyors/Engineers/Planners/Landscape Architects/C.S. Consultants  
 2174 ONEIDA STREET SUITE 170  
 MAPLEVIEW, ILLINOIS 60462  
 PH (815) 744-6600 FAX (815) 744-0101 PH (630) 420-7740 FAX (630) 420-7741

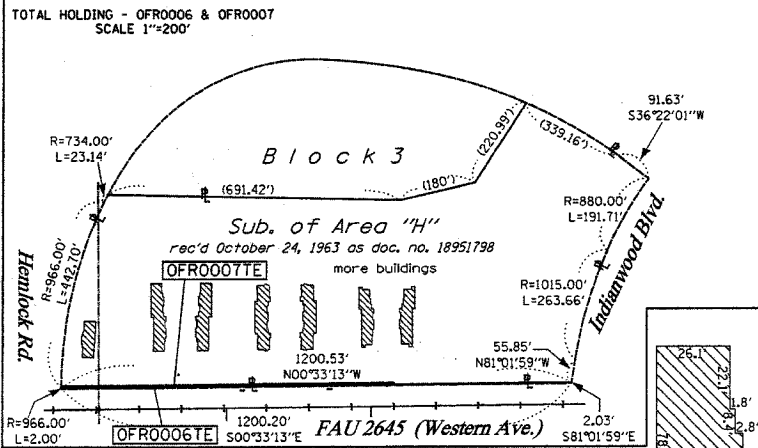
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAU 2845 (WESTERN AVE.)  
 ILLINOIS ST. TO STEGER RD.  
 COOK COUNTY  
 JOB NO. R90-002-03  
 STATION 13+00 TO STATION 20+00

SCANNED

RECEIVED  
 AUG 18 2006  
 PLATS & LEGALS

SHEET 2 OF 15  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS-DISTRICT 1  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

PART OF THE EAST 1/2 OF SECTION 36, T35N, R13 EAST & PART OF THE NW 1/4 OF SECTION 31, T35N, R14 EAST OF THE 3rd PM, COOK COUNTY, ILLINOIS



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	TEMP ACRES	PERM ACRES	EASEMENTS PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
0FRO006	VILLAGE OF PARK FOREST	0.055	N/A	N/A	0.055	0.036	N/A	CONSTR.	31-36-200-020	
0FRO007	GLEN ARBOR IN PARK FOREST, INC.	13.563	N/A	N/A	13.563	0.054	N/A	CONSTR.	31-36-200-025	
0FRO008	JOHN I. ALVERADO	0.206	N/A	N/A	0.206	0.006	2476.4	CONSTR.	32-31-119-001	
0FRO010	VILLAGE OF PARK FOREST	1.392	N/A	N/A	1.392	0.106	N/A	CONSTR.	32-31-118-010	

BEARINGS SHOW HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	56

STA. TO STA.

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

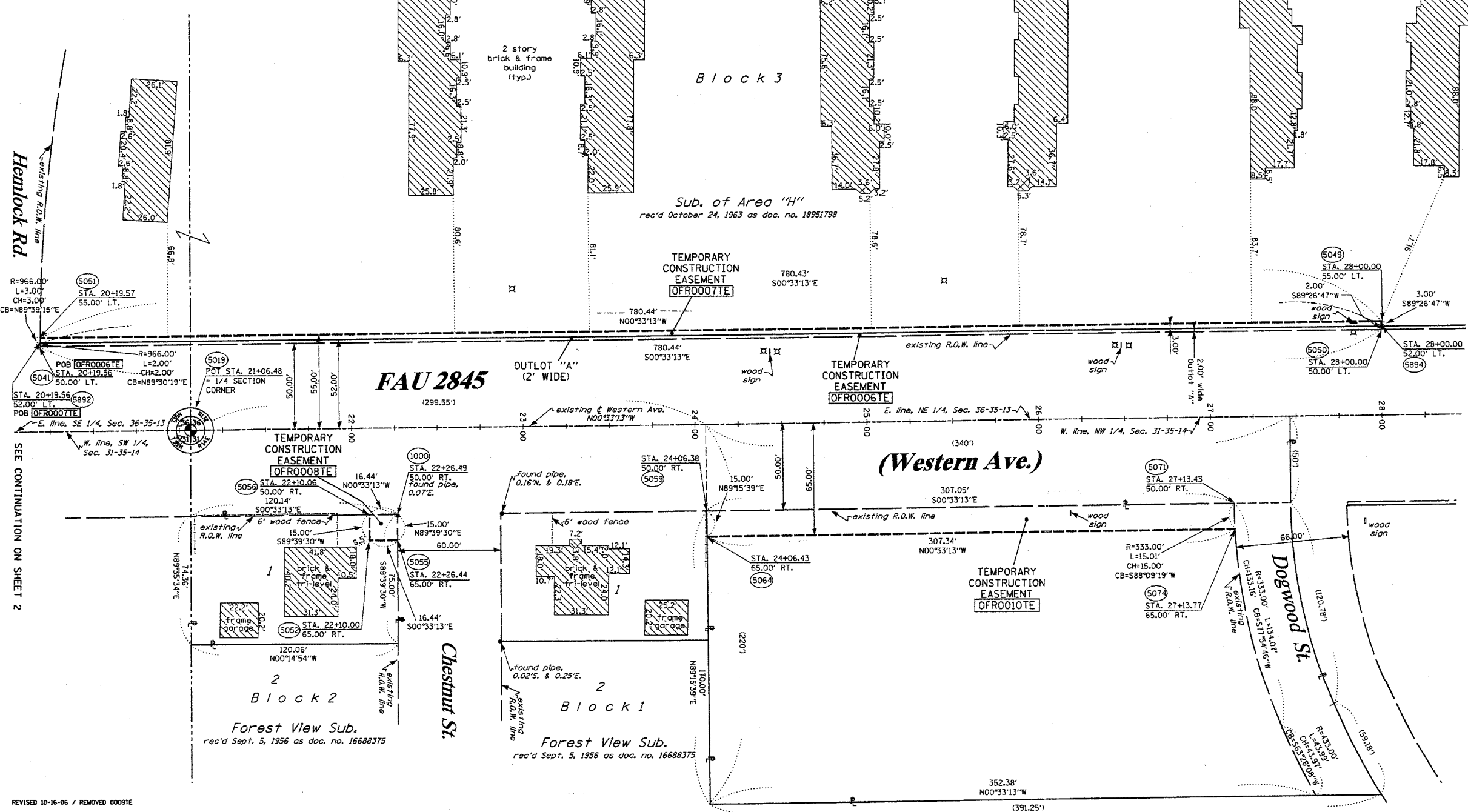
**LEGEND**

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY IDEED LINE
- APPARENT PROPERTY LINE
- 12L.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- 123.45 RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 1/4" IRON ROD PERMANENT SURVEY MONUMENT.
- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LGT EXISTING STREET LIGHT
- MAIL EXISTING MAIL BOX
- WELL EXISTING WELL HEAD

SEE CONTINUATION ON SHEET 4

SECTION CORNER

QUARTER SECTION CORNER



RECEIVED  
OCT 16 2006  
PLATS & LEGALS

STATE OF ILLINOIS )  
COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 36, TOWNSHIP 35 NORTH, RANGE 13 EAST AND IN SECTION 31, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS \_\_\_ DAY OF \_\_\_ A.D.

RONALD F. HODGEN P.L.S. NO. 2630  
MY LICENSE EXPIRES 11-30-06

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
214 ONEIDA STREET JOLIET, ILLINOIS 62450  
PH. 815/744-6600 FAX 815/744-0101 PH. 630/420-7740 FAX 630/420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
FAU 2845 (WESTERN AVE.)  
ILLINOIS ST. TO STEGER RD.  
COOK COUNTY  
JOB NO. R90-002-03  
STATION 20+00 TO STATION 28+25

SHEET 3 OF 15

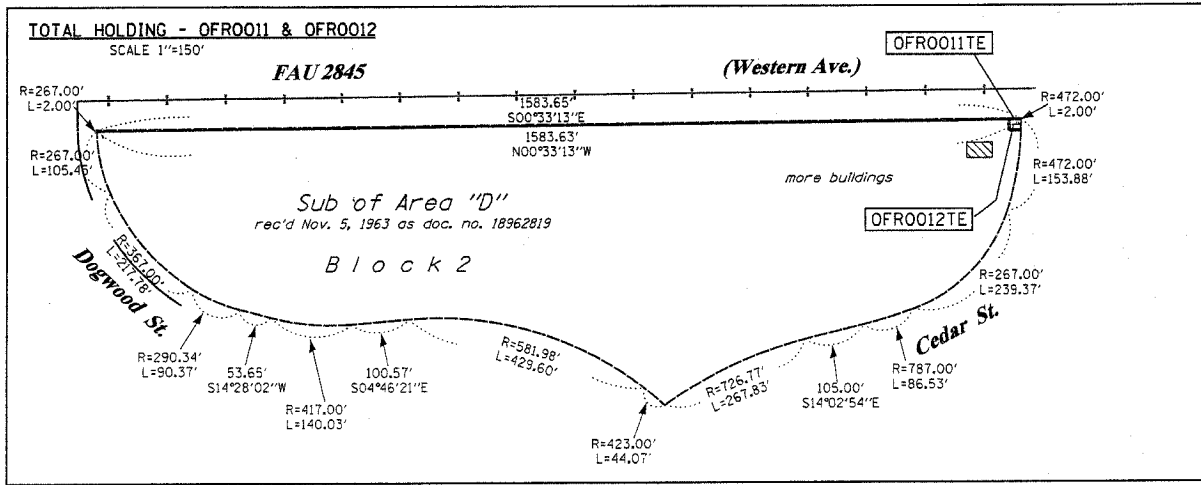
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

REVISED 10-16-06 / REMOVED 00097E

SCANNED

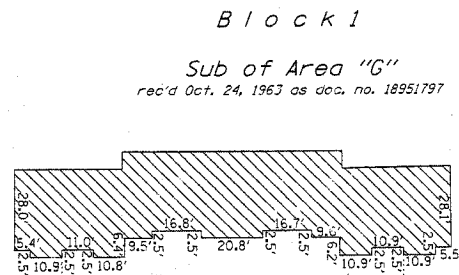
PART OF THE NE 1/4 OF SEC. 36 & THE SE 1/4 OF SEC. 25, T35N. R13E. & PART OF THE NW 1/4 OF SEC. 31 & THE SW 1/4 OF SEC. 30, T35N. R14E. OF THE 3rd PM, COOK COUNTY, ILLINOIS.

BEARINGS SHOW HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



CONTRACT NO. 62742				
F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	57
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
OFRO011	VILLAGE OF PARK FOREST	0.073	N/A	N/A	0.073	0.001 42s.f.	N/A CONSTR.	32-31-121-002	
OFRO012	Cedarwood Cooperative, Inc.	11.785	N/A	N/A	11.785	0.009 377s.f.	N/A CONSTR.	32-31-121-001	
OFRO013	VILLAGE OF PARK FOREST	0.057	N/A	N/A	0.057	0.016	N/A CONSTR.	31-36-200-016	
OFRO014	PARK FOREST TOWNHOME CONDOMINIUM AREA "G"	16.567	N/A	N/A	16.567	0.105	N/A CONSTR.	31-36-200-34 31-36-200-033	
OFRO015	AMERICAN STORES PROPERTIES, INC.	2.202	A-0.004 153s.f. B-0.004 168s.f.	N/A	2.194	0.087	N/A	31-36-207-003	
OFRO061	VILLAGE OF PARK FOREST	0.025	0.020	N/A	0.005	N/A	N/A CONSTR.	31-36-207-004	



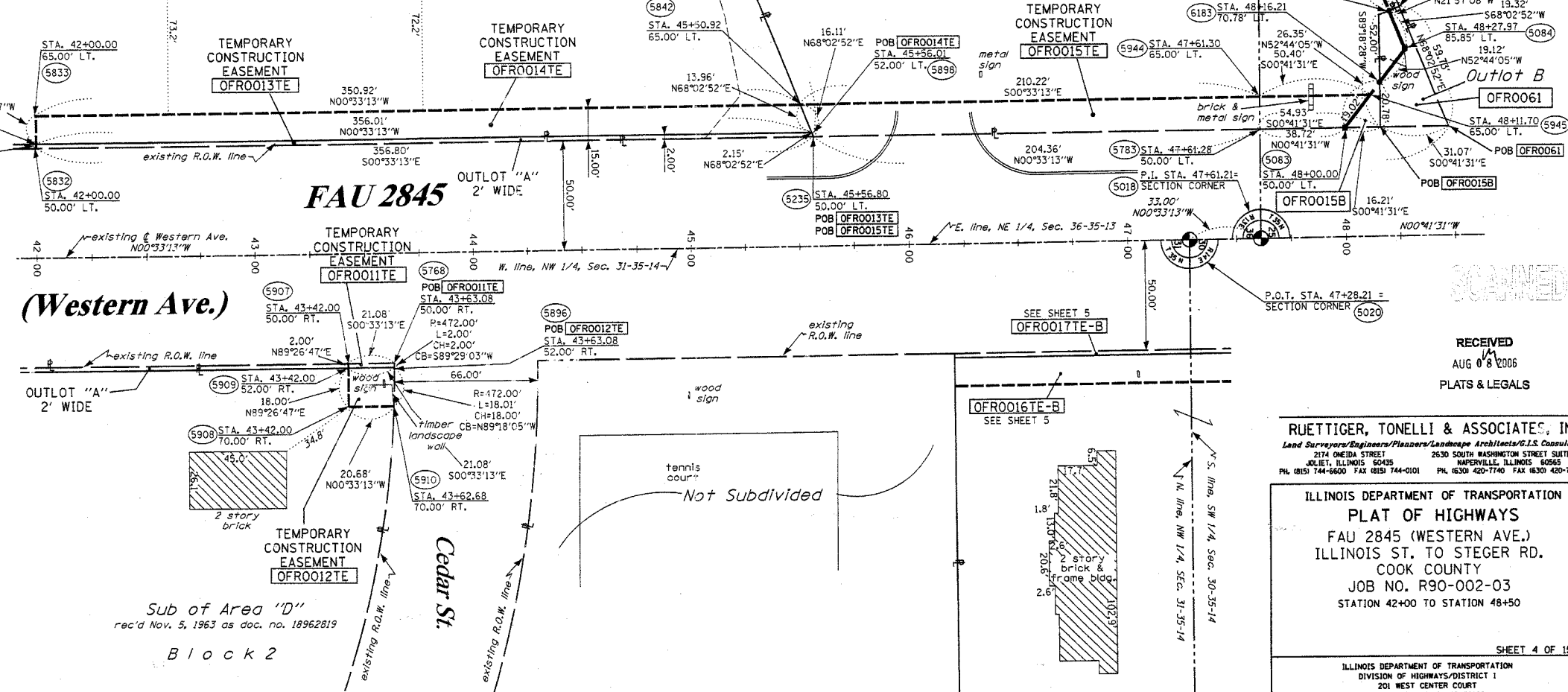
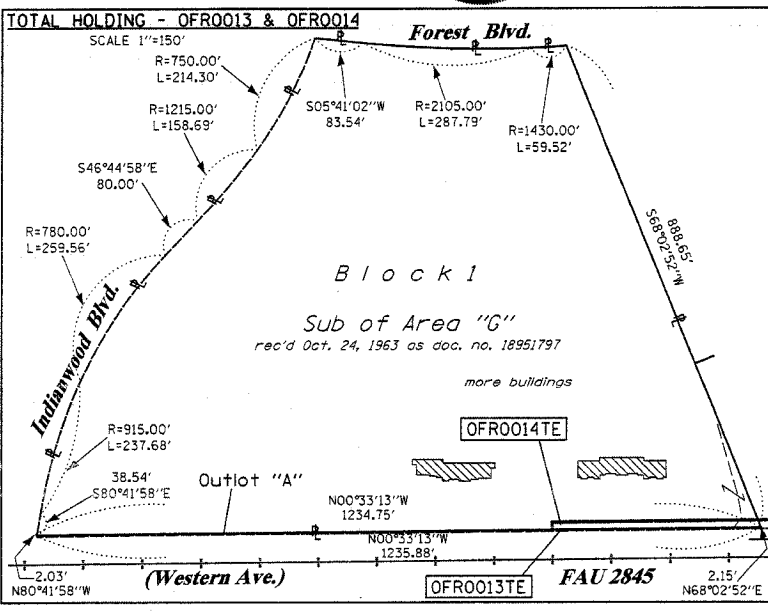
STATE OF ILLINOIS )  
COUNTY OF WILL )

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 36, TOWNSHIP 35 NORTH, RANGE 13 EAST AND IN SECTION 31, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 July 2006 THIS DAY OF July 2006

**RONALD F. HODGEN**  
PROFESSIONAL LAND SURVEYOR  
STATE OF ILLINOIS  
MY LICENSE EXPIRES 11-30-06

SEE CONTINUATION ON SHEET 3



- LEGEND**
- EXISTING CENTERLINE
  - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - EXISTING EASEMENT LINE
  - PROPOSED EASEMENT LINE
  - SECTION LINE
  - QUARTER SECTION LINE
  - QUARTER QUARTER SECTION LINE
  - PROPERTY (DEED) LINE
  - APPL
  - MEASURED DIMENSION
  - 121.45
  - 123.45 (COMP)
  - (123.45)
  - RECORDED DIMENSION
  - FOUND IRON PIPE OR IRON ROD
  - SET 3/4 INCH IRON ROD
  - PERMANENT SURVEY MONUMENT
  - I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - CUT CROSS FOUND OR SET
  - SAME OWNERSHIP
  - TEL
  - LOT
  - MAIL BOX
  - WELL
  - EXISTING TELEPHONE SPLICE BOX
  - EXISTING STREET LIGHT
  - EXISTING MAIL BOX
  - EXISTING WELL HEAD
  - STAKING OF PROPOSED RIGHT OF WAY, SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - SECTION CORNER
  - QUARTER SECTION CORNER

SEE CONTINUATION ON SHEET 5

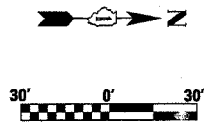
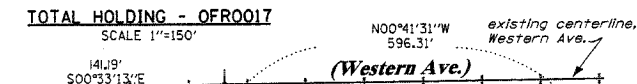
RECEIVED  
AUG 08 2006  
PLATS & LEGALS

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
2174 ONEIDA STREET  
JOLIET, ILLINOIS 60438  
PH. (815) 744-6600 FAX (815) 744-0101  
2630 SOUTH WASHINGTON STREET SUITE 170  
MADERVILLE, ILLINOIS 60555  
PH. (830) 420-7740 FAX (830) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
FAU 2845 (WESTERN AVE.)  
ILLINOIS ST. TO STEGER RD.  
COOK COUNTY  
JOB NO. R90-002-03  
STATION 42+00 TO STATION 48+50

SHEET 4 OF 15  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHAMBERG, ILLINOIS 60196

CONTRACT NO. 62742			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
2845	3152 WRS	COOK	195
STA.	TO STA.	SHEET NO.	58
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



- LEGEND**
- EXISTING CENTERLINE
  - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - PROPOSED EASEMENT LINE
  - SECTION LINE
  - QUARTER SECTION LINE
  - QUARTER QUARTER SECTION LINE
  - PROPERTY (DEED) LINE
  - APPARENT PROPERTY LINE
  - MEASURED DIMENSION
  - COMPUTED DIMENSION
  - RECORDED DIMENSION
  - FOUND IRON PIPE OR IRON ROD
  - SET 3/8 INCH IRON ROD
  - PERMANENT SURVEY MONUMENT
  - I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - CUT CROSS FOUND OR SET
  - SAME OWNERSHIP
  - EXISTING TELEPHONE SPLICE BOX
  - EXISTING STREET LIGHT
  - EXISTING MAIL BOX
  - EXISTING WELL HEAD

- STAKING OF PROPOSED RIGHT OF WAY. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY 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. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



STATE OF ILLINOIS )  
 COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 35 NORTH, RANGE 13 EAST AND IN SECTIONS 30 & 31, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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.

197A  
 July 2006

RONALD F. HODGEN P.L.S. NO. 2630  
 MY LICENSE EXPIRES 11-30-06

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
 214 ONEIDA STREET  
 2630 SOUTH WASHINGTON STREET SUITE 170  
 WAPERVILLE, ILLINOIS 60438  
 PH. (815) 744-5600 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 420-1741

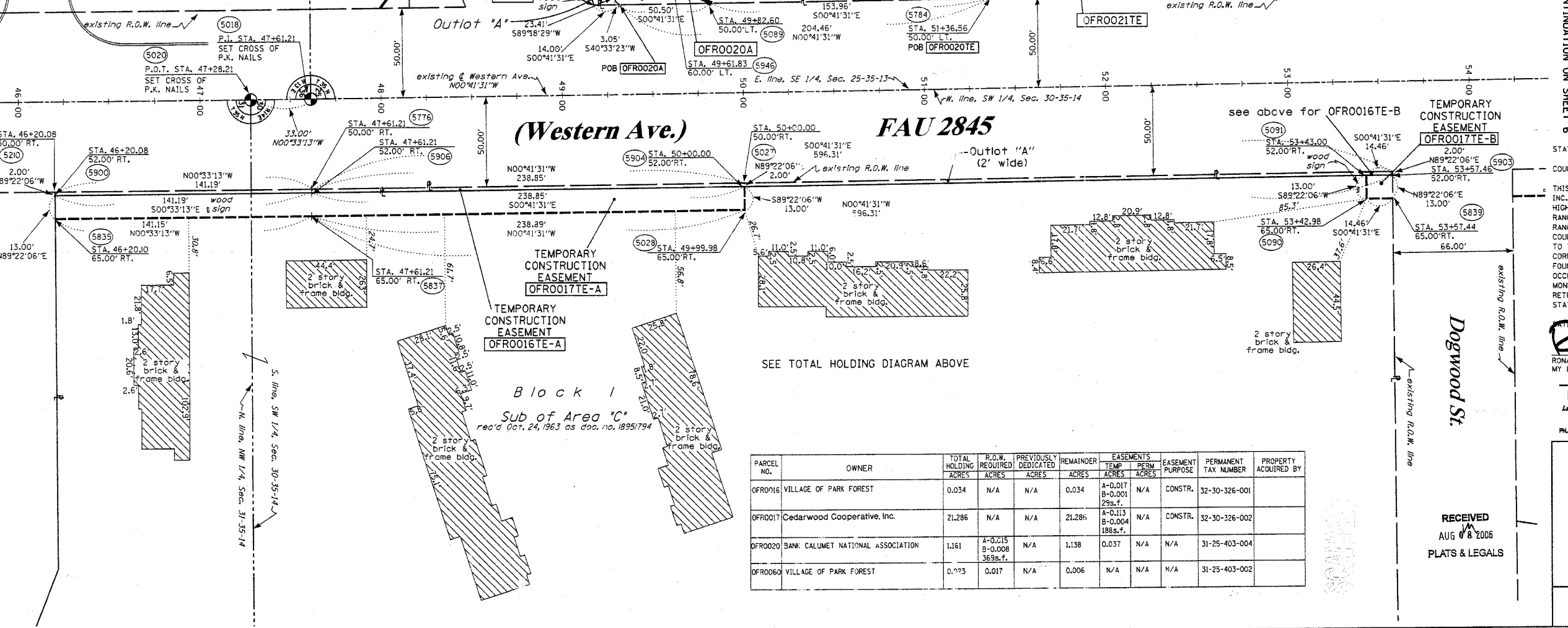
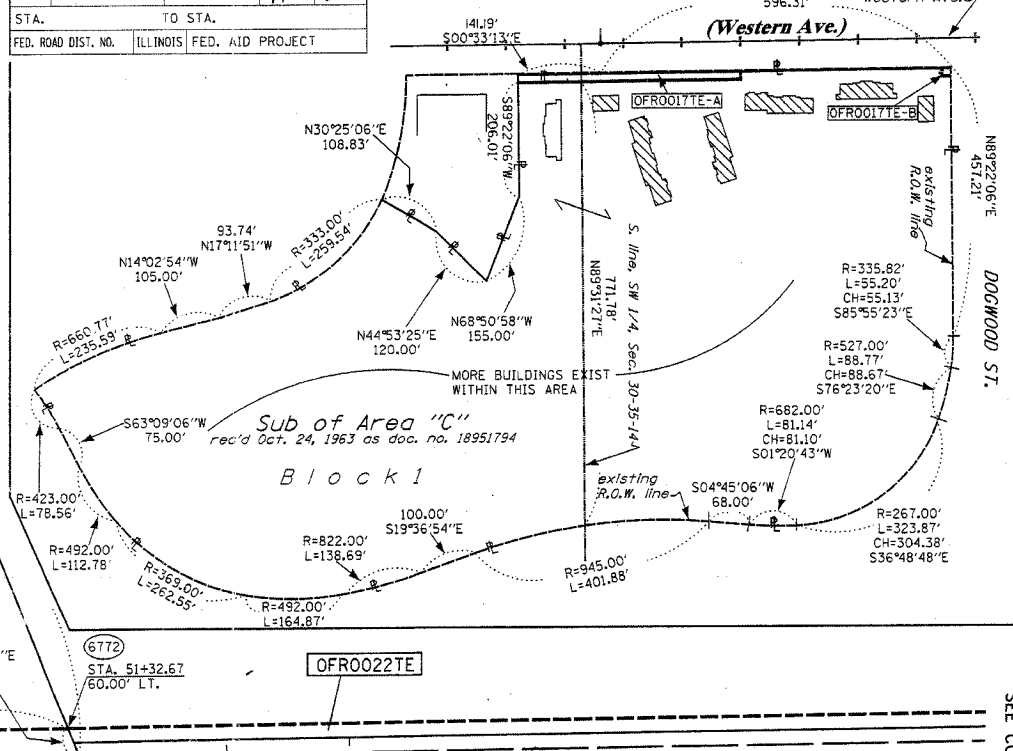
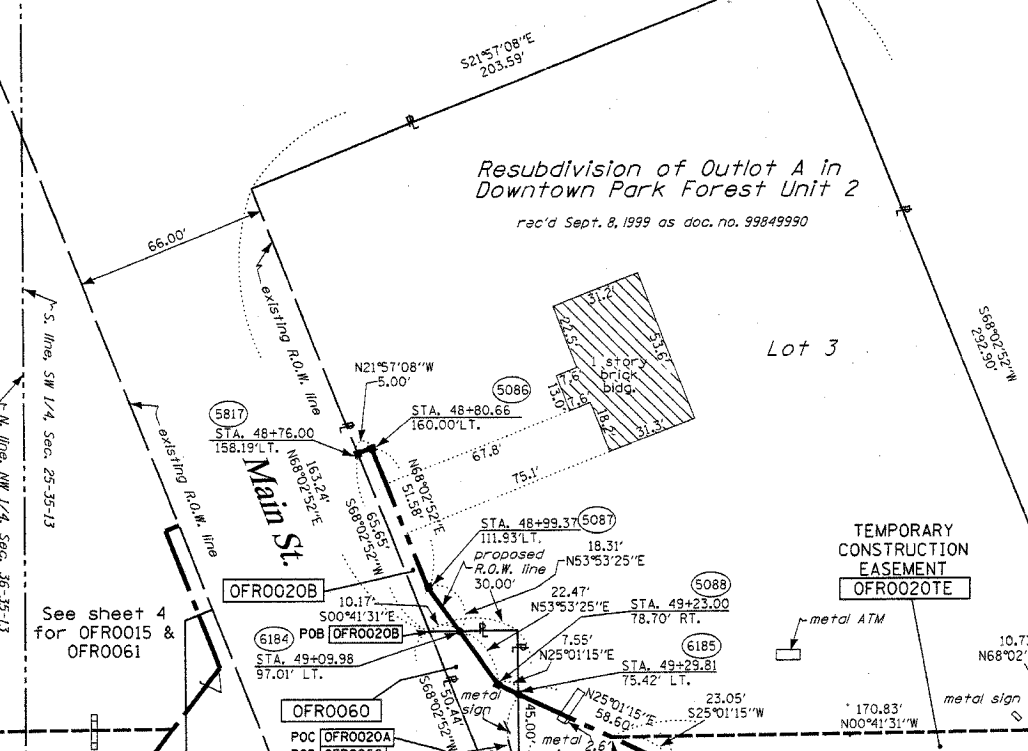
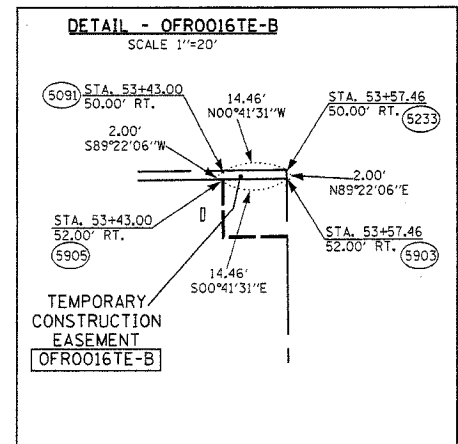
**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**PLAT OF HIGHWAYS**  
 FAU 2845 (WESTERN AVE.)  
 ILLINOIS ST. TO STEGER RD.  
 COOK COUNTY  
 JOB NO. R90-002-03  
 STATION 46+00 TO STATION 54+00

RECEIVED  
 AUG 08 2006  
 PLATS & LEGALS

SHEET 5 OF 15

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/DISTRICT 1  
 201 WEST CENTER COURT  
 SCHAMBERG, ILLINOIS 60196

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	P.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
OFR0016	VILLAGE OF PARK FOREST	0.034	N/A	N/A	0.034	A-0.017 B-0.001 29s.f.	CONSTR.	32-30-326-001	
OFR0017	Cedarwood Cooperative, Inc.	21.286	N/A	N/A	21.286	A-0.113 B-0.004 188s.f.	CONSTR.	32-30-326-002	
OFR0020	BANK CALUMET NATIONAL ASSOCIATION	1.161	A-0.015 B-0.008 369s.f.	N/A	1.138	0.037	N/A	31-25-403-004	
OFR0060	VILLAGE OF PARK FOREST	0.723	0.017	N/A	0.006	N/A	N/A	31-25-403-002	



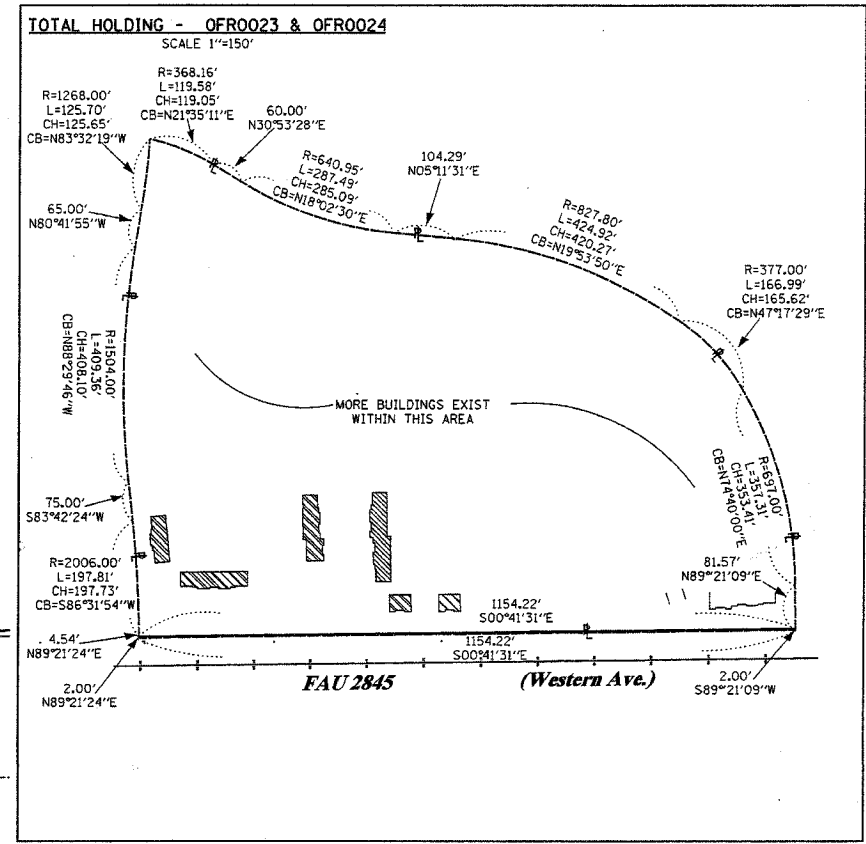
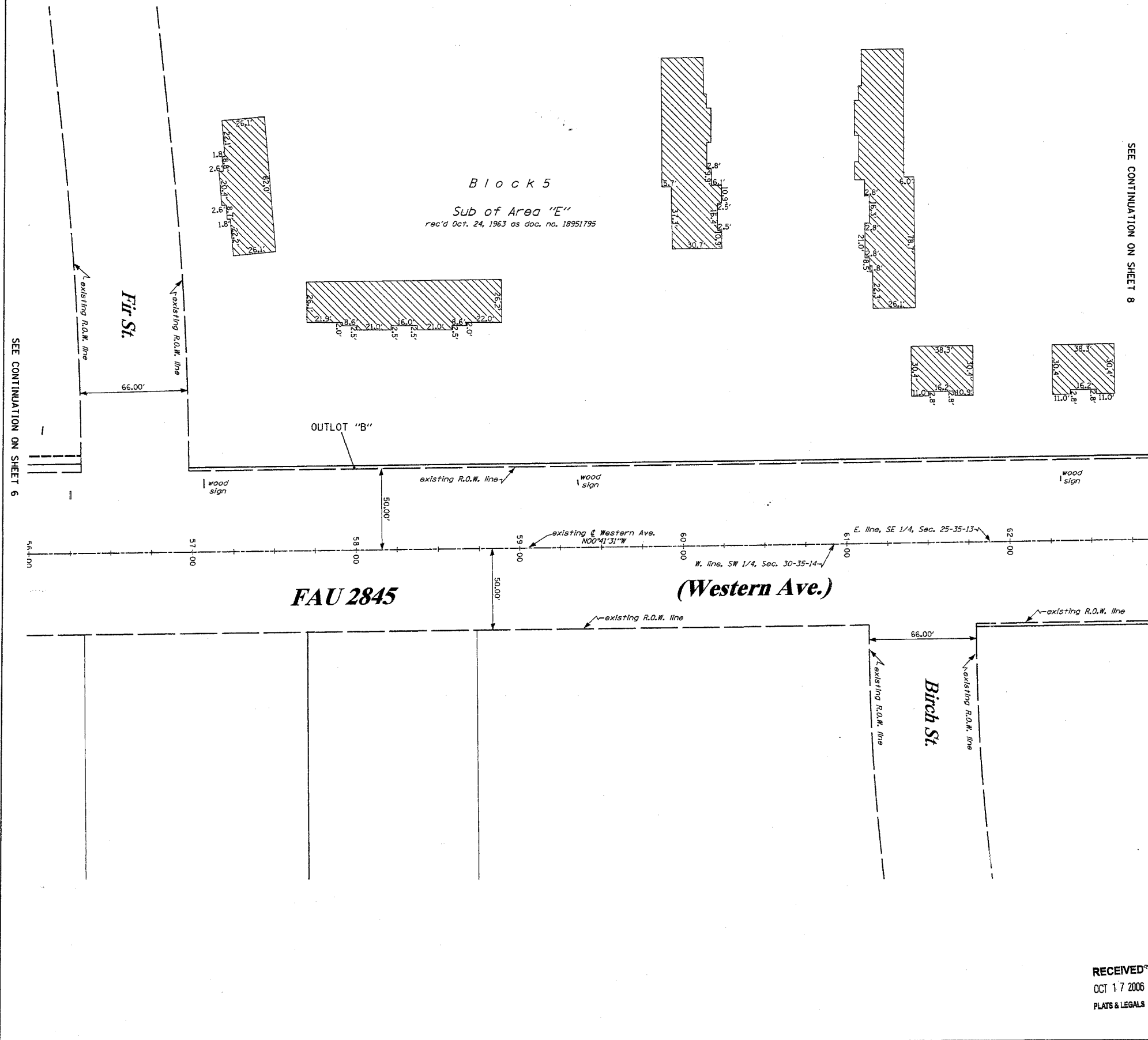
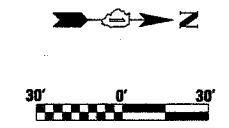




PART OF THE SE 1/4 OF SECTION 25, T35N, R13 EAST & PART OF THE SW 1/4 OF SECTION 30, T35N, R14 EAST OF THE 3rd PM, COOK COUNTY, ILLINOIS

BEARINGS SHOW HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

CONTRACT NO. 62742			
FAU RTE.	SECTION	COUNTY	TOTAL SHEET NO.
2845	3152 WRS	COOK	145 60
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



- LEGEND**
- EXISTING CENTERLINE
  - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - PROPOSED EASEMENT LINE
  - SECTION LINE
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  - QUARTER QUARTER SECTION LINE
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  - APPARENT PROPERTY LINE
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  - 123.45 (COMP) COMPUTED DIMENSION
  - (123.45) RECORDED DIMENSION
  - FOUND IRON PIPE OR IRON ROD
  - SET 1/4 INCH IRON ROD
  - PERMANENT SURVEY MONUMENT
  - ⊕ I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - + CUT CROSS FOUND OR SET
  - SAME OWNERSHIP
  - TEL EXISTING TELEPHONE SPLICE BOX
  - LG EXISTING STREET LIGHT
  - MAIL EXISTING MAIL BOX
  - WELL EXISTING WELL HEAD
  - STAKING OF PROPOSED RIGHT OF WAY, SET 1/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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  - SECTION CORNER
  - QUARTER SECTION CORNER

STATE OF ILLINOIS )  
COUNTY OF WILL )

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 35 NORTH, RANGE 13 EAST AND IN SECTION 30, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY. THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS \_\_\_ DAY OF \_\_\_ A.D.

RONALD F. HODGEN P.L.S. NO. 2630  
MY LICENSE EXPIRES 11-30-06

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
214 ONEIDA STREET JOLIET, ILLINOIS 60438  
2630 SOUTH WASHINGTON STREET SUITE 170 HAWKERSVILLE, ILLINOIS 60142  
PH (815) 744-6600 FAX (815) 744-0001 PH (630) 420-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
FAU 2845 (WESTERN AVE.)  
ILLINOIS ST. TO STEGER RD.  
COOK COUNTY  
JOB NO. R90-002-03  
STATION 56+50 TO STATION 62+00

RECEIVED  
OCT 17 2006  
PLATS & LEGALS



REMOVED 10-17-06 / REMOVED 0023 & 0024

SHEET 7 OF 15  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHUMBERG, ILLINOIS 60196

SCANNED



PART OF THE SE 1/4 OF SECTION 25, T35N, R13 EAST & PART OF THE SW 1/4 OF SECTION 30, T35N, R14 EAST OF THE 3rd PM, COOK COUNTY, ILLINOIS

BEARINGS SHOW HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
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- SET 3/4 INCH IRON ROD
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- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LGT EXISTING STREET LIGHT
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- SECTION CORNER
- QUARTER SECTION CORNER

PARCEL NO.	OWNER	TOTAL HOLDING	R.O.W. REQUIRED	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	ACRES	ACRES	TEMP	PERM			
OFRO026	VILLAGE OF PARK FOREST	0.047	N/A	N/A	0.047	A-0.003	120s.f.	N/A	CONSTR.	32-30-319-002
OFRO027	PARK FOREST COOPERATIVE	14.986	N/A	N/A	14.986	A-0.004	180s.f.	N/A	CONSTR.	32-30-319-001
OFRO030	COMMONWEALTH EDISON COMPANY F/K/A/ PUBLIC SERVICE COMPANY OF NORTHERN ILLINOIS	N/A	0.00	N/A	N/A	0.013	0.013	CONSTR.	31-25-400-029	
OFRO031	COMMONWEALTH EDISON COMPANY F/K/A/ PUBLIC SERVICE COMPANY OF NORTHERN ILLINOIS	N/A	0.00	N/A	N/A	0.013	0.019	CONSTR.	32-30-300-016	

CONTRACT NO. 62742

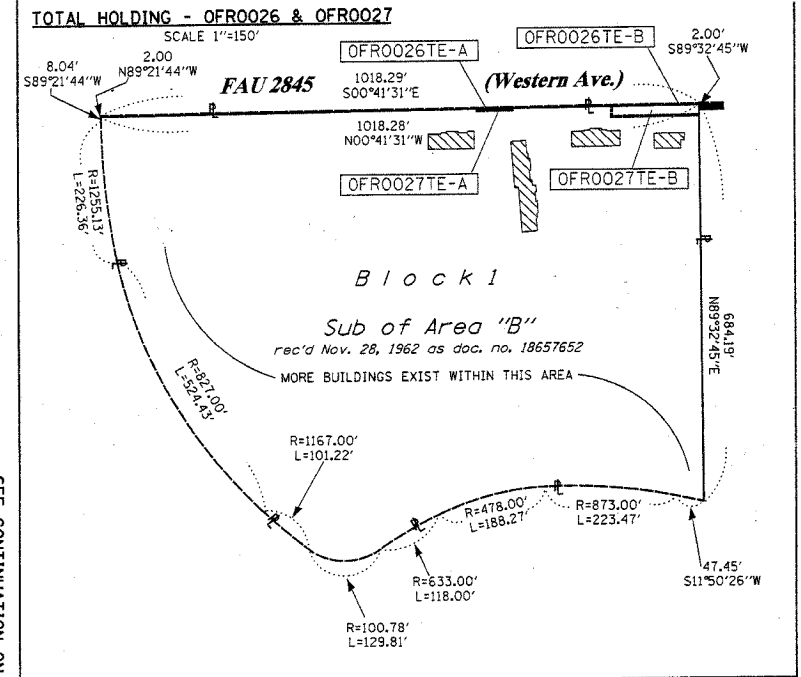
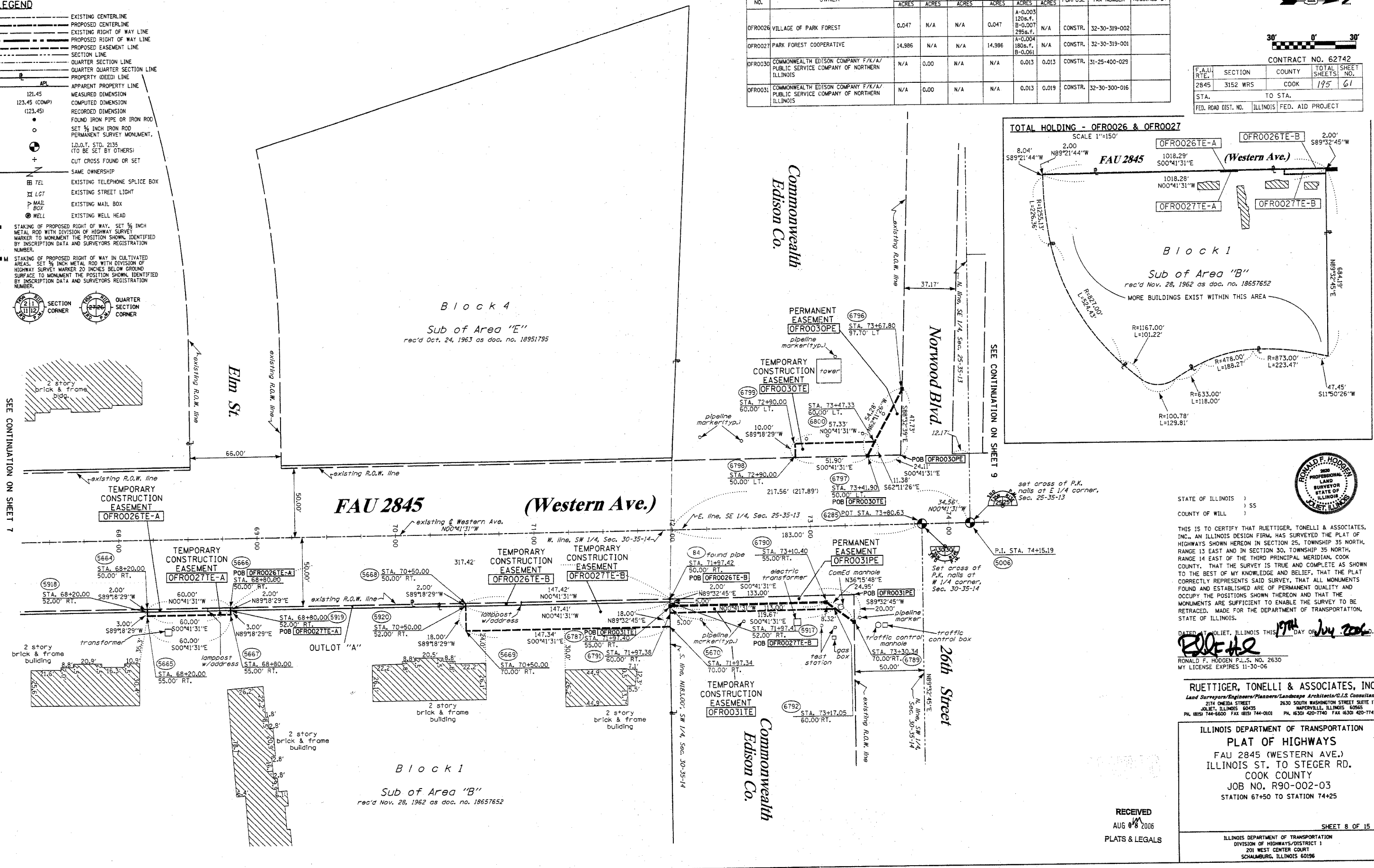
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	61

STA. TO STA. TO STA.

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

SEE CONTINUATION ON SHEET 7

SEE CONTINUATION ON SHEET 9



STATE OF ILLINOIS )  
COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 35 NORTH, RANGE 13 EAST AND IN SECTION 30, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 JULIET, ILLINOIS THIS 17th DAY OF July 2006.

*Ronald F. Hodgen*  
RONALD F. HODGEN P.L.S. NO. 2630  
MY LICENSE EXPIRES 11-30-06

RUETTIGER, TONELLI & ASSOCIATES, INC.  
Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
214 ONEIDA STREET, SUITE 200, JOLIET, ILLINOIS 60435  
2630 SOUTH WASHINGTON STREET SUITE 170, MAPERVILLE, ILLINOIS 60565  
PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAU 2845 (WESTERN AVE.)  
ILLINOIS ST. TO STEGER RD.  
COOK COUNTY  
JOB NO. R90-002-03  
STATION 67+50 TO STATION 74+25

RECEIVED  
AUG 08 2006  
PLATS & LEGALS

SHEET 8 OF 15  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHUMBERG, ILLINOIS 60196

PART OF THE NE 1/4 OF SECTION 25, T35N, R13 EAST & PART OF THE NW 1/4 OF SECTION 30, T35N, R14 EAST OF THE 3rd PM, COOK COUNTY, ILLINOIS

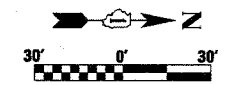
BEARINGS SHOW HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
OFRO032	AHMED MOHAMMAD	0.542	0.001	0.541	0.021	N/A	N/A	CONSTR.	32-30-106-081	
OFRO033	TREEROSE, INC.	0.410	0.055	N/A	0.355	0.010	N/A	CONSTR.	31-25-202-012	
OFRO034	VILLAGE OF PARK FOREST	1.239	0.018	N/A	1.221	0.018	N/A	CONSTR.	31-25-202-013 31-25-202-027	
OFRO035	PARK FOREST LUBE, LLC	0.526	N/A	N/A	0.526	0.015	N/A	CONSTR.	32-30-106-080	
OFRO036	VILLAGE OF PARK FOREST	9.370	0.051	N/A	9.319	A-0.005 207s.f. B-0.014 C-0.208	N/A	CONSTR.	31-25-202-035 31-25-202-015 31-25-202-016 31-25-202-028 31-25-202-037	
OFRO037	DIVALL INSURED INCOME PROPERTIES 2 LIMITED PARTNERSHIP	0.378	0.017	N/A	0.361	A-0.008 413s.f. B-0.004 164s.f.	N/A	CONSTR.	31-25-202-032	
OFRO038	TACO BELL	0.378	N/A	N/A	0.378	0.021	N/A	CONSTR.	31-25-202-031	

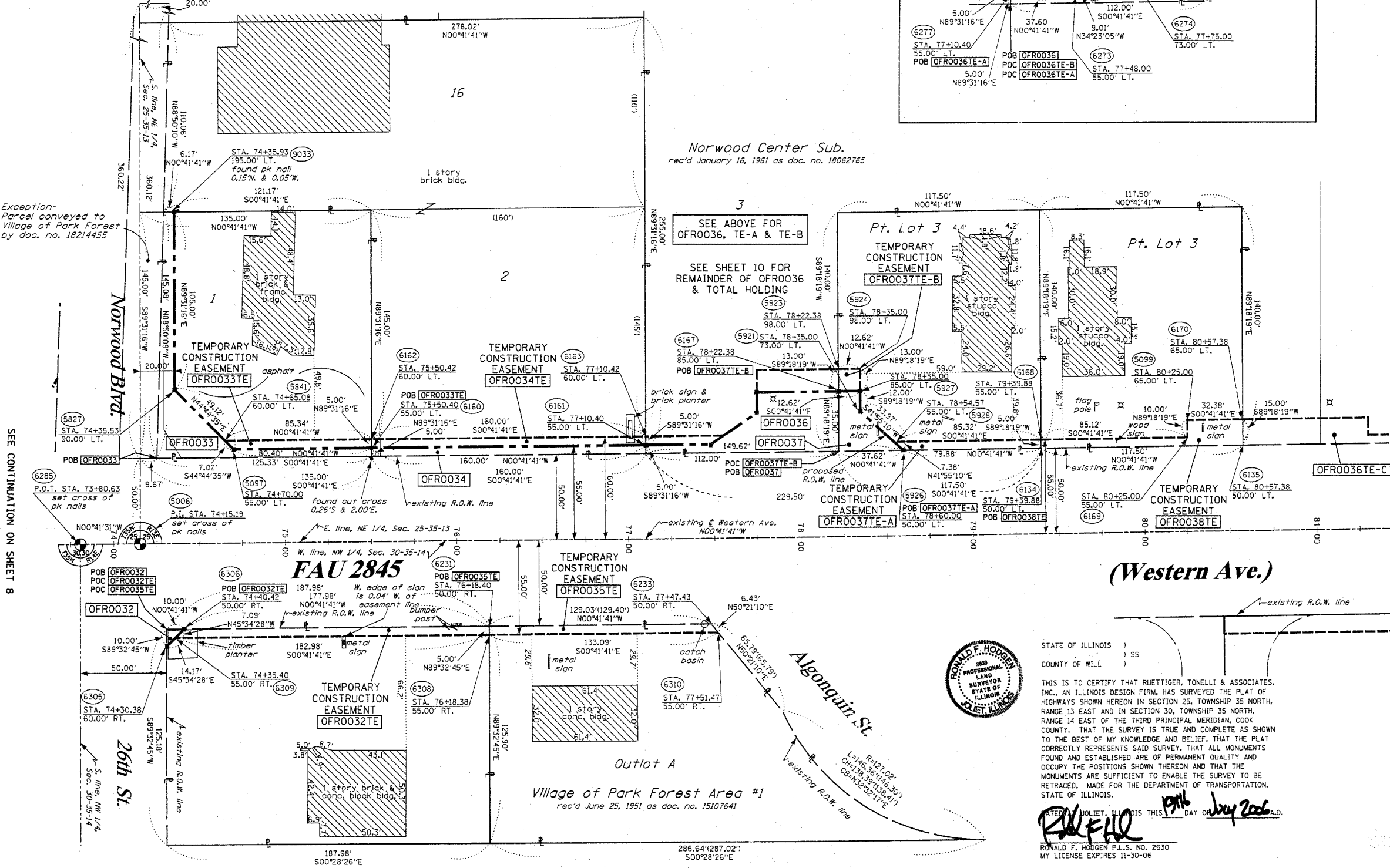
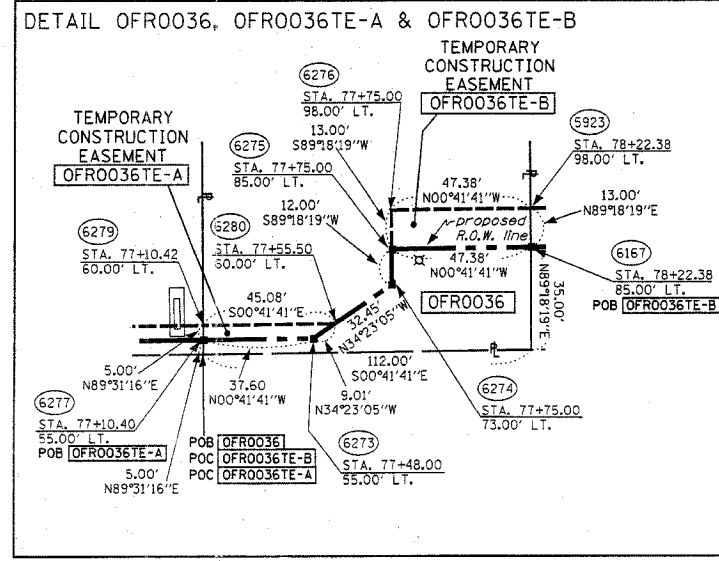
CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	62

STA. TO STA.  
ILLINOIS FED. AID PROJECT



- LEGEND**
- EXISTING CENTERLINE
  - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - PROPOSED EASEMENT LINE
  - SECTION LINE
  - QUARTER SECTION LINE
  - QUARTER SECTION LINE
  - PROPERTY IDEED LINE
  - APPARENT PROPERTY LINE
  - 121.45 MEASURED DIMENSION
  - 123.45 (COMP) COMPUTED DIMENSION
  - (123.45) RECORDED DIMENSION
  - FOUND IRON PIPE OR IRON ROD
  - SET 3/4 INCH IRON ROD
  - ⊙ PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
  - + CUT CROSS FOUND OR SET
  - SAME OWNERSHIP
  - TEL EXISTING TELEPHONE SPLICE BOX
  - LG7 EXISTING STREET LIGHT
  - MAIL BOX EXISTING MAIL BOX
  - WELL EXISTING WELL HEAD
  - STAKING OF PROPOSED RIGHT OF WAY, SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - SECTION CORNER
  - QUARTER SECTION CORNER



Exception- Parcel conveyed to Village of Park Forest by doc. no. 18214455

Norwood Center Sub.  
rec'd January 16, 1961 as doc. no. 18062765

SEE ABOVE FOR OFRO036, TE-A & TE-B  
SEE SHEET 10 FOR REMAINDER OF OFRO036 & TOTAL HOLDING

SEE CONTINUATION ON SHEET 8

SEE CONTINUATION ON SHEET 10

(Western Ave.)

RECEIVED  
AUG 0 8 2006  
PLATS & LEGALS



STATE OF ILLINOIS )  
COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 35 NORTH, RANGE 13 EAST AND IN SECTION 30, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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.

WITNESSED MY HAND AND SEAL OF OFFICE AT JOLIET, ILLINOIS THIS 17th DAY OF July 2006 A.D.

RONALD F. HODGEN P.L.S. NO. 2630  
MY LICENSE EXPIRES 11-30-06

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

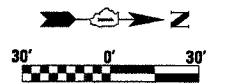
2630 SOUTH WASHINGTON STREET SUITE 170 NAPERVILLE, ILLINOIS 60565  
PH. (630) 420-1740 FAX (630) 420-1741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAU 2845 (WESTERN AVE.)  
ILLINOIS ST. TO STEGER RD.  
COOK COUNTY  
JOB NO. R90-002-03  
STATION 73+80 TO STATION 81+00

SHEET 9 OF 15  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196

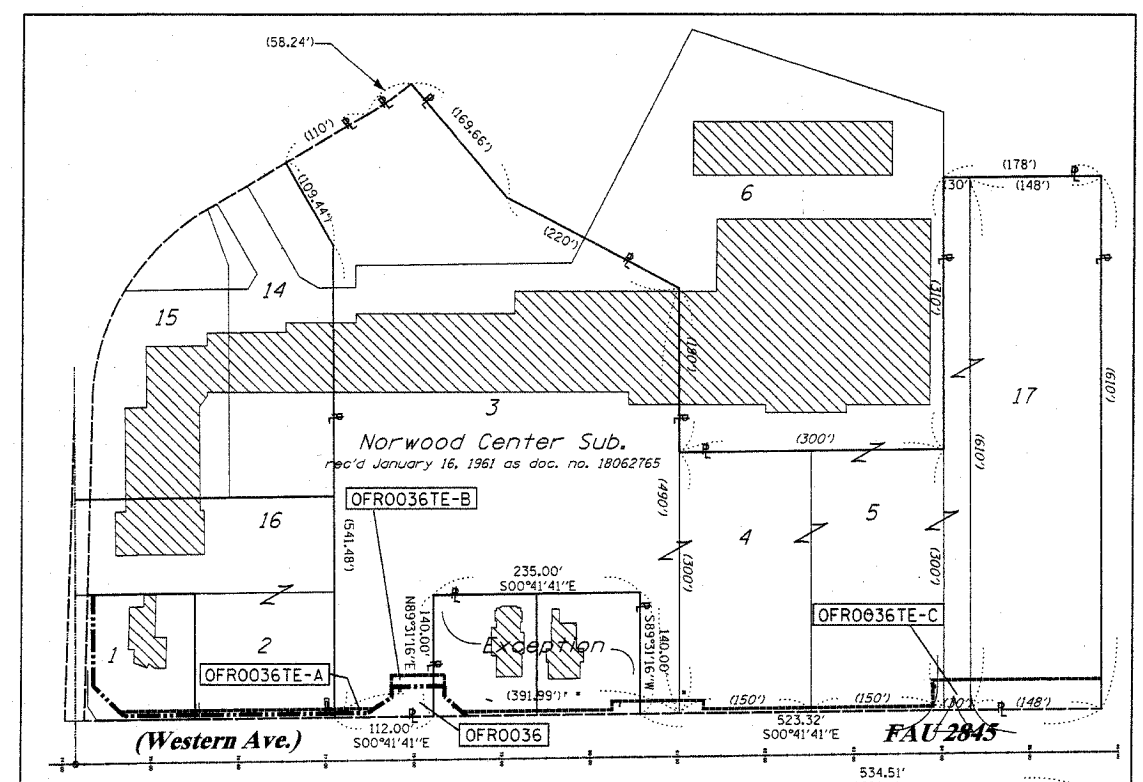
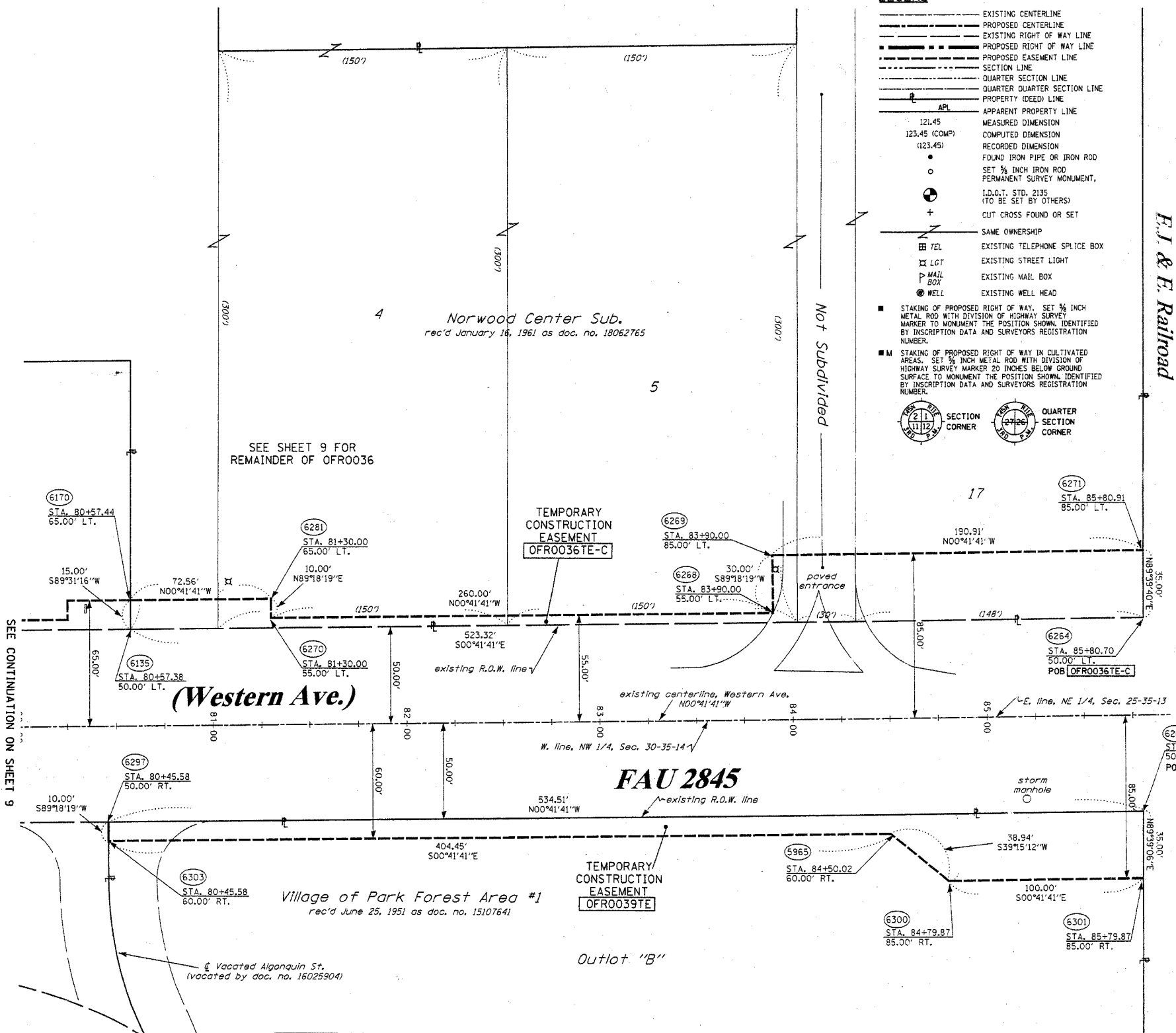
PART OF THE NE 1/4 OF SECTION 25, T35N, R13 EAST & PART OF THE NW 1/4 OF SECTION 30, T35N, R14 EAST OF THE 3rd PM, COOK COUNTY, ILLINOIS

BEARINGS SHOW HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



LEGEND

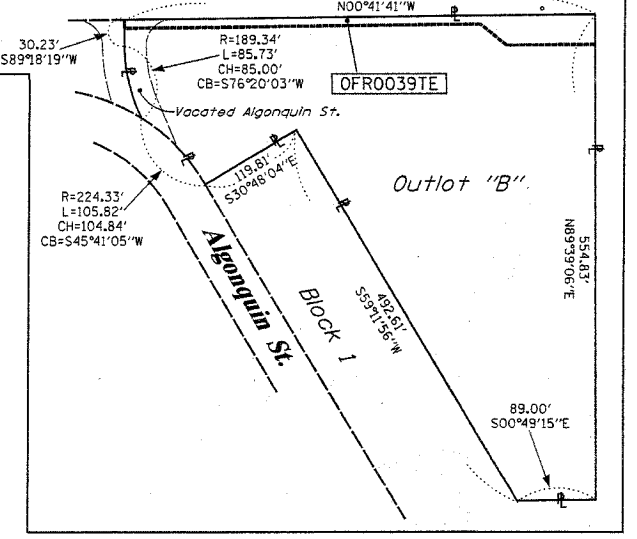
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- SECTION CORNER
- QUARTER SECTION CORNER



TOTAL HOLDING OF FT0036 & FT0039 SCALE 1"=100'

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	63
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS			PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						TEMP ACRES	PERM ACRES	EASEMENT PURPOSE		
0FR0036	VILLAGE OF PARK FOREST	9.370	0.051	N/A	9.319	A-0.005 207s.f. B-0.014 C-0.208	N/A	CONSTR.	31-25-202-035 31-25-202-015 31-25-202-016 31-25-202-028 31-25-202-037	
0FR0039	VILLAGE OF PARK FOREST	3.751	N/A	N/A	3.751	0.189	N/A	CONSTR.	32-30-105-001	



STATE OF ILLINOIS )  
 COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 35 NORTH, RANGE 13 EAST AND IN SECTION 30, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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.

WITNESSED MY HAND AND SEAL OF OFFICE AT JOLIET, ILLINOIS THIS 19th DAY OF July 2006.

**R.F. Hodgen**  
 RONALD F. HODGEN P.L.S., NO. 2630  
 MY LICENSE EXPIRES 11-30-06

RUETTIGER, TONELLI & ASSOCIATES, INC.  
 Land Surveyors/Engineers/Planners/Landscape Architects/G.L.S. Consultants  
 274 ONEDA STREET JOLIET, ILLINOIS 60435  
 2630 SOUTH WASHINGTON STREET SUITE 110 HAPERVILLE, ILLINOIS 60565  
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAU 2845 (WESTERN AVE.)  
 ILLINOIS ST. TO STEGER RD.  
 COOK COUNTY  
 JOB NO. R90-002-03  
 STATION 80+25 TO STATION 86+00

RECEIVED  
 AUG 08 2006  
 PLATS & LEGALS

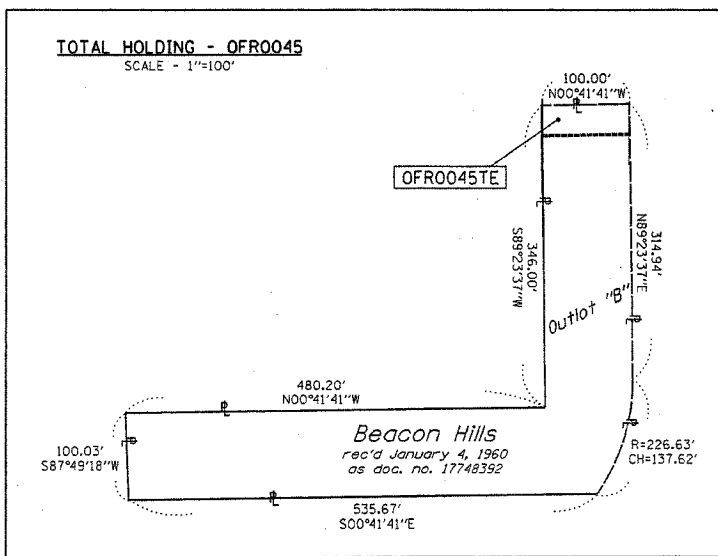
SHEET 10 OF 15  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/DISTRICT 1  
 201 WEST CENTER COURT  
 SCHAMLUNBURG, ILLINOIS 60196

PART OF THE NE 1/4 OF SECTION 25, T35N, R13 EAST & PART OF THE NW 1/4 OF SECTION 30, T35N, R14 EAST OF THE 3rd PM, COOK COUNTY, ILLINOIS

BEARINGS SHOW HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

LEGEND

- EXISTING CENTERLINE
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- SET 3/4 INCH IRON ROD
- PERMANENT SURVEY MONUMENT
- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- 76L EXISTING TELEPHONE SPLICE BOX
- 16T EXISTING STREET LIGHT
- MAIL BOX EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY. SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY 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. SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



CONTRACT NO. 62742			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
2845	3152 WRS	COOK	195 64
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



STATE OF ILLINOIS )  
COUNTY OF WILL )

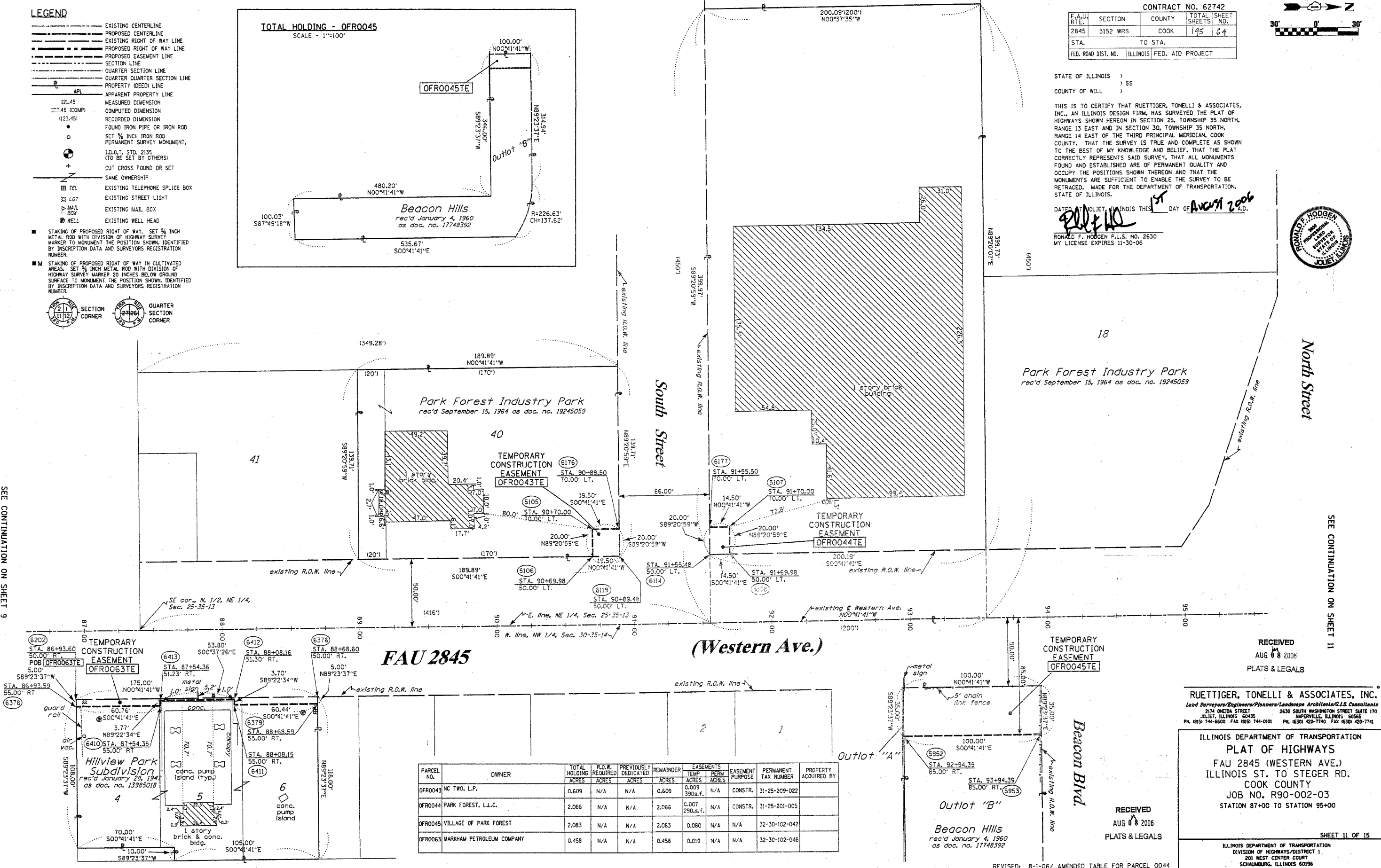
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DATED 15 DAY OF AUGUST 2006 A.D.  
RONALD F. HODGEN P.L.S. NO. 2630  
MY LICENSE EXPIRES 11-30-06



SEE CONTINUATION ON SHEET 9

SEE CONTINUATION ON SHEET 11



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
OFRO043	NC TWO, L.P.	0.609	N/A	N/A	0.609	0.009	390s.f.	N/A	CONSTR.	31-25-209-022
OFRO044	PARK FOREST, L.L.C.	2.066	N/A	N/A	2.066	0.007	290s.f.	N/A	CONSTR.	31-25-201-005
OFRO045	VILLAGE OF PARK FOREST	2.083	N/A	N/A	2.083	0.080	N/A	N/A	32-30-102-042	
OFRO063	MARKHAM PETROLEUM COMPANY	0.458	N/A	N/A	0.458	0.016	N/A	N/A	32-30-102-046	

RECEIVED  
AUG 08 2006  
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.  
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
2174 OHEIDA STREET 2630 SOUTH WASHINGTON STREET SUITE 170  
JOLIET, ILLINOIS 60435 NAPERVILLE, ILLINOIS 60565  
PH: (815) 744-6600 FAX: (815) 744-0101 PH: (630) 420-7740 FAX: (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAU 2845 (WESTERN AVE.)  
ILLINOIS ST. TO STEGER RD.  
COOK COUNTY  
JOB NO. R90-002-03  
STATION 87+00 TO STATION 95+00

RECEIVED  
AUG 08 2006  
PLATS & LEGALS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT I  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

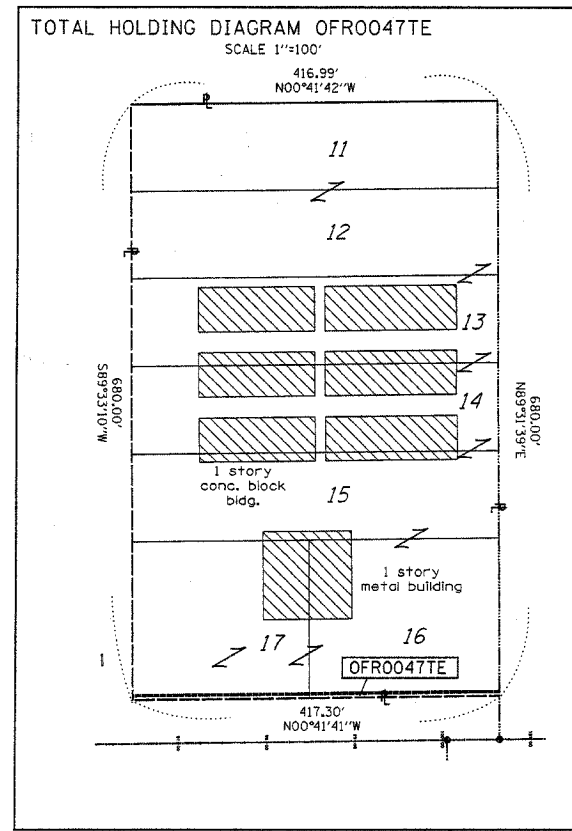
REVISED: 8-1-06/ AMENDED TABLE FOR PARCEL 0044

PART OF THE NE 1/4 OF SECTION 25, T35N, R13 EAST & PART OF SECTIONS 19 & 30, T35N, R14 EAST OF THE 3rd PM, COOK COUNTY, ILLINOIS.

BEARINGS SHOW HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

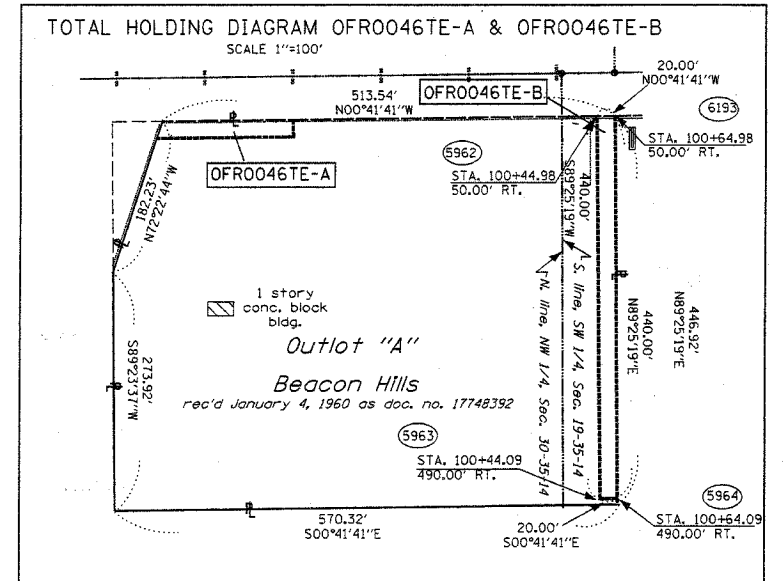
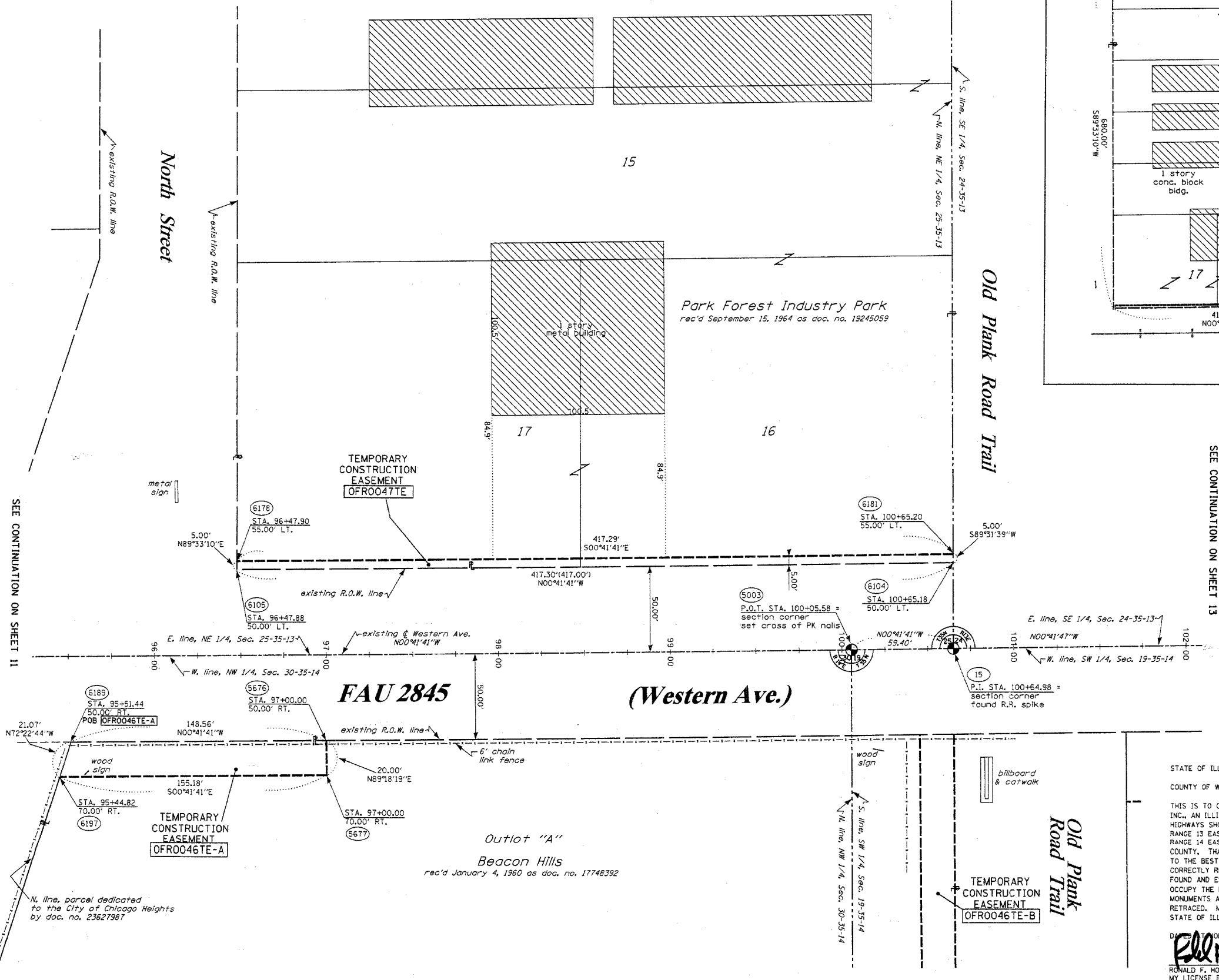
PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						TEMP ACRES	PERM ACRES			
OFRO046	THE CHICAGO HEIGHTS PARK DISTRICT	5.739	N/A	N/A	5.739	A=0.070 B=0.202	N/A	CONSTR.	32-30-107-073 32-19-324-031	
OFRO047	AREC I, L.L.C.	6.512	N/A	N/A	6.512	0.048	N/A	CONSTR.	31-25-207-045 31-25-207-046 31-25-207-016	

CONTRACT NO. 62742				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	65
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**LEGEND**

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
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- MEASURED DIMENSION
- 121.45 COMPUTED DIMENSION
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- TEL EXISTING TELEPHONE SPLICE BOX
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- QUARTER SECTION CORNER



STATE OF ILLINOIS )  
 COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 25, TOWNSHIP 35 NORTH, RANGE 13 EAST AND IN SECTIONS 19 & 30, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 AND FILED IN ILLINOIS THIS 19th DAY OF July, 2006.  
 Ronald F. Hodgen P.L.S., No. 2630  
 My License Expires 11-30-06

RECEIVED  
 AUG 6 2006  
 PLATS & LEGALS

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
 2174 ONIDA STREET SUITE 170  
 JOLIET, ILLINOIS 60435  
 PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-1741 FAX (630) 420-1741

**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**PLAT OF HIGHWAYS**  
 FAU 2845 (WESTERN AVE.)  
 ILLINOIS ST. TO STEGER RD.  
 COOK COUNTY  
 JOB NO. R90-002-03  
 STATION 96+00 TO STATION 101+00

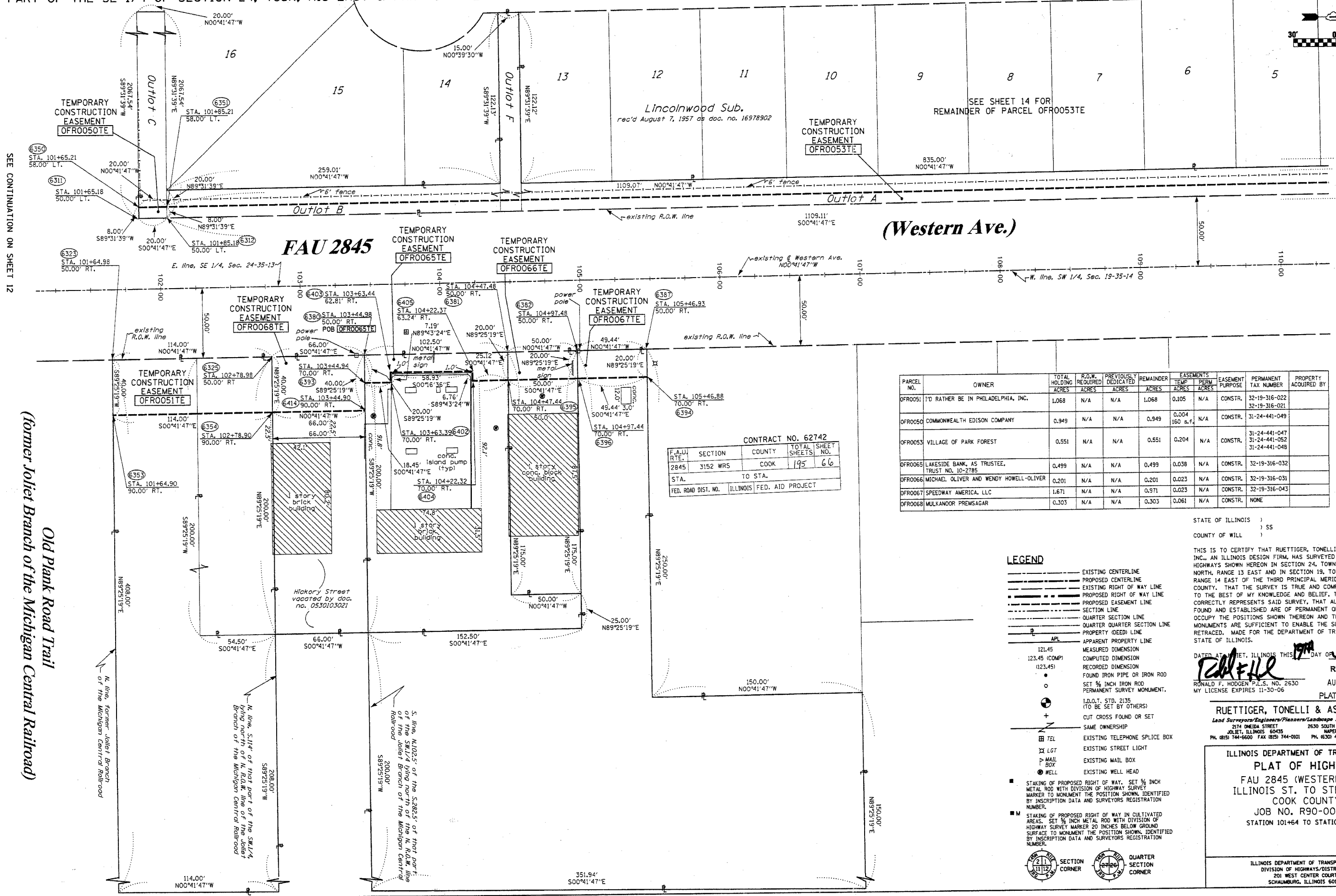
SHEET 12 OF 15

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/DISTRICT 1  
 201 WEST CENTER COURT  
 SCHAMBERG, ILLINOIS 60196



PART OF THE SE 1/4 OF SECTION 24, T35N, R13 EAST & PART OF THE SW 1/4 OF SECTION 19, T35N, R14 EAST OF THE 3rd PM, COOK COUNTY, ILLINOIS.

BEARINGS SHOW HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



SEE CONTINUATION ON SHEET 12

SEE CONTINUATION ON SHEET 14

Old Plank Road Trail  
(former Joliet Branch of the Michigan Central Railroad)

CONTRACT NO. 62742

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	66

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

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS TEMP ACRES	EASEMENTS PERM ACRES	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
OFRO051	TO RATHER BE IN PHILADELPHIA, INC.	1.068	N/A	N/A	1.068	0.105	N/A	CONSTR.	32-19-316-022 32-19-316-021	
OFRO050	COMMONWEALTH EDISON COMPANY	0.949	N/A	N/A	0.949	0.004 160 s.f.	N/A	CONSTR.	31-24-441-049	
OFRO053	VILLAGE OF PARK FOREST	0.551	N/A	N/A	0.551	0.204	N/A	CONSTR.	31-24-441-047 31-24-441-052 31-24-441-048	
OFRO065	LAKESIDE BANK, AS TRUSTEE, TRUST NO. 10-2785	0.499	N/A	N/A	0.499	0.038	N/A	CONSTR.	32-19-316-032	
OFRO066	MICHAEL OLIVER AND WENDY HOWELL-OLIVER	0.201	N/A	N/A	0.201	0.023	N/A	CONSTR.	32-19-316-031	
OFRO067	SPEEDWAY AMERICA, LLC	1.671	N/A	N/A	0.971	0.023	N/A	CONSTR.	32-19-316-043	
OFRO068	MULKANOR PREMSAGAR	0.303	N/A	N/A	0.303	0.061	N/A	CONSTR.	NONE	

LEGEND

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STATE OF ILLINOIS )  
COUNTY OF WILL ) SS

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DATED AT CHICAGO, ILLINOIS THIS 17th DAY OF July 2006.

*Ronald F. Hodgen*  
RONALD F. HODGEN P.L.S. NO. 2530  
MY LICENSE EXPIRES 11-30-06

RECEIVED  
AUG 8 2006  
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.  
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
214 ODEA STREET  
MORRISVILLE, ILLINOIS 60453  
PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAU 2845 (WESTERN AVE.)  
ILLINOIS ST. TO STEGER RD.  
COOK COUNTY  
JOB NO. R90-002-03  
STATION 101+64 TO STATION 111+00

SHEET 13 OF 15  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHAMBERG, ILLINOIS 60196

SEE SHEET 13 FOR REMAINDER OF OFR0053TE

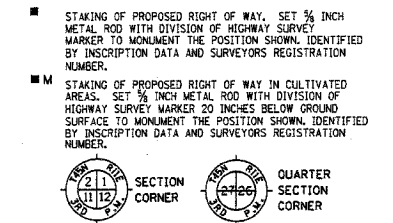
Lincolnwood Sub.  
rec'd Aug. 7, 1957 as doc. no. 16978902

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	R.O.W. REQUIRED ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						TEMP ACRES	PERM ACRES			
OFR0053	VILLAGE OF PARK FOREST	0.551	N/A	N/A	0.551	0.204	N/A	CONSTR.	31-24-441-048 31-24-441-052 31-24-441-047	
OFR0057	THE JUDITH A. SENIW LIVING TRUST	0.567	N/A	N/A	0.567	0.021	N/A	CONSTR.	32-19-316-035 32-19-316-041	
OFR0058	LUKE R. & ELIZABETH R. PASCALE	0.450	N/A	N/A	0.450	0.028	N/A	CONSTR.	32-19-312-011	
OFR0059	SOUTH HOLLAND TRUST & SAVINGS BANK TRUST NO. 6651	3.207	N/A	N/A	3.207	A-0.018 B-0.018	N/A	CONSTR.	32-19-312-013	



LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 1/2 INCH IRON ROD
- PERMANENT SURVEY MONUMENT
- I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LGT EXISTING STREET LIGHT
- MAIL EXISTING MAIL BOX
- WELL EXISTING WELL HEAD
- STAKING OF PROPOSED RIGHT OF WAY, SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, SET 3/4 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	67

STA. TO STA.

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

STATE OF ILLINOIS )  
COUNTY OF WILL )

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 19 & 24, TOWNSHIP 35 NORTH, RANGE 13 EAST AND IN SECTION 30, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 CHICAGO, ILLINOIS THIS 19th DAY OF July 2006.

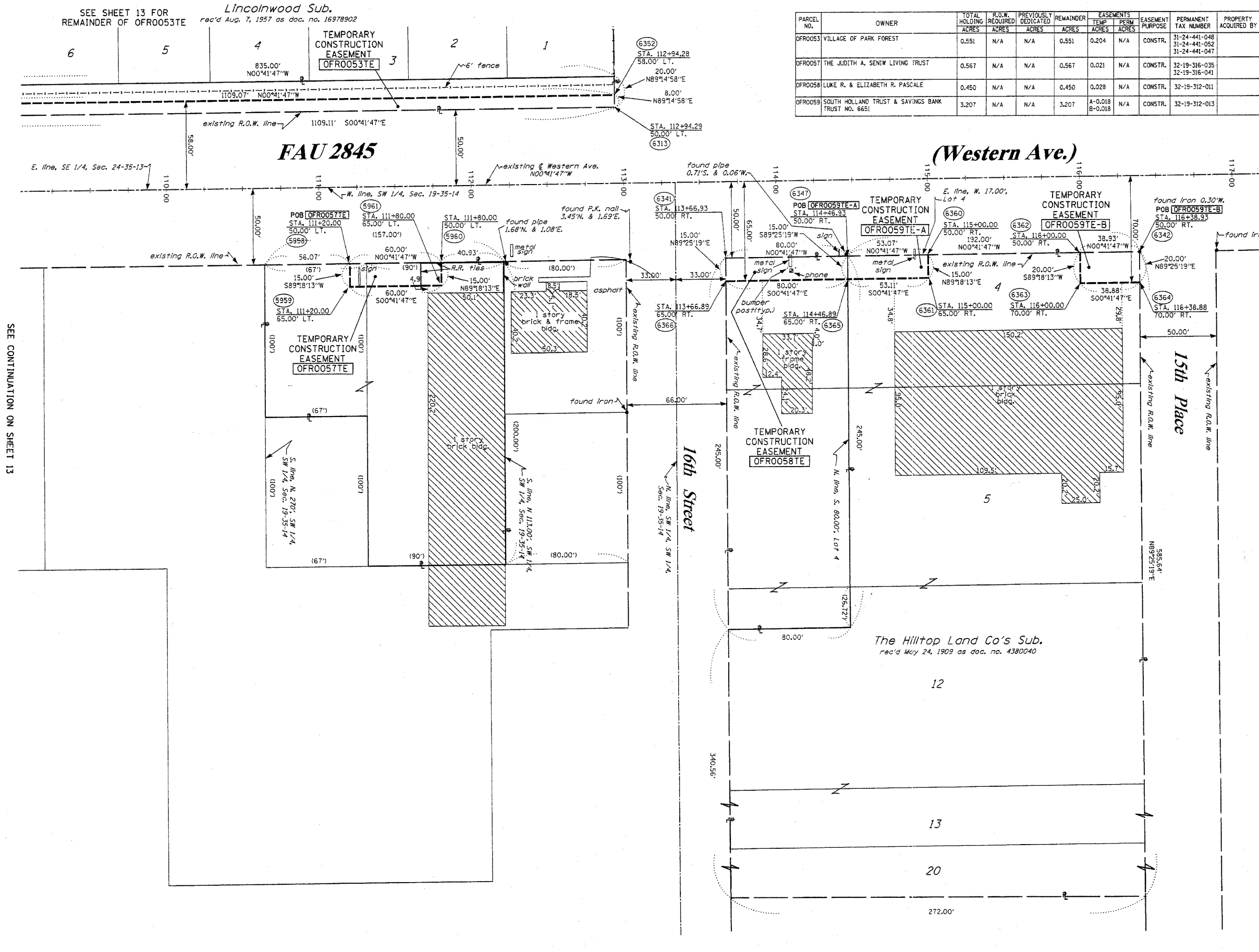
**RUEFFEL**  
RONALD F. HODGEN P.L.S. NO. 2630  
MY LICENSE EXPIRES 11-30-06

RECEIVED  
AUG 08 2006  
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.  
Lead Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants  
2174 ONIDA STREET 2630 SOUTH WASHINGTON STREET SUITE 170  
JOLIET, ILLINOIS 60435 MAPERVILLE, ILLINOIS 60952  
PH (815) 744-6600 FAX (815) 744-0101 PH (630) 420-7740 FAX (630) 420-7741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAU 2845 (WESTERN AVE.)  
ILLINOIS ST. TO STEGER RD.  
COOK COUNTY  
JOB NO. R90-002-03  
STATION 110+00 TO STATION 116+50

SHEET 14 OF 15  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196

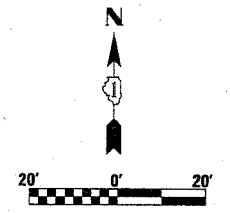


SEE CONTINUATION ON SHEET 13

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

CONTRACT NO. 62742

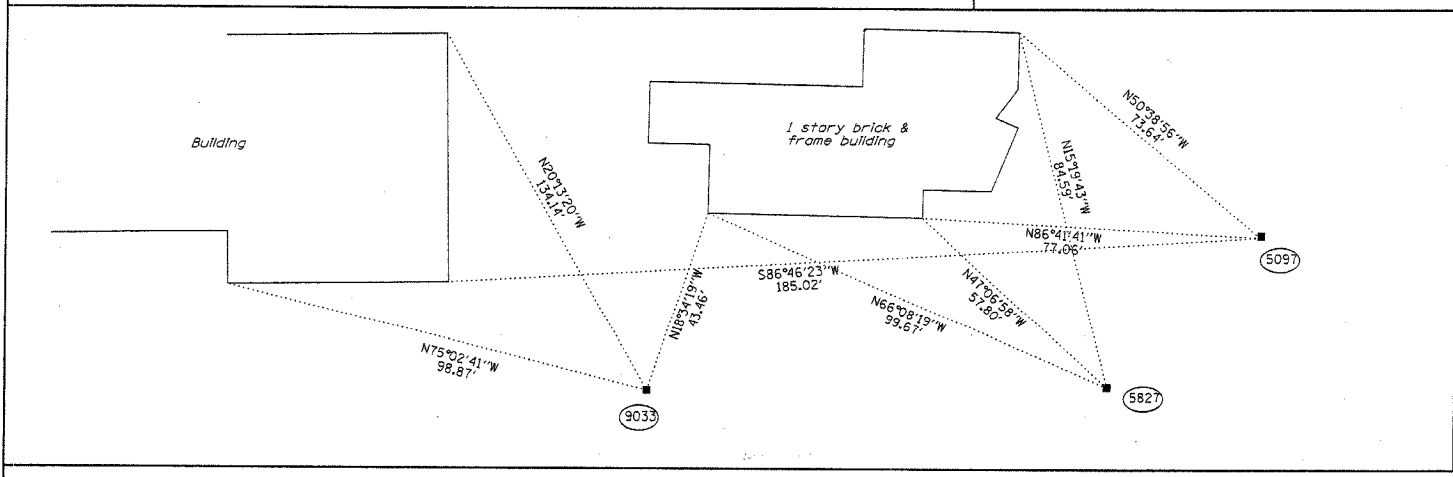
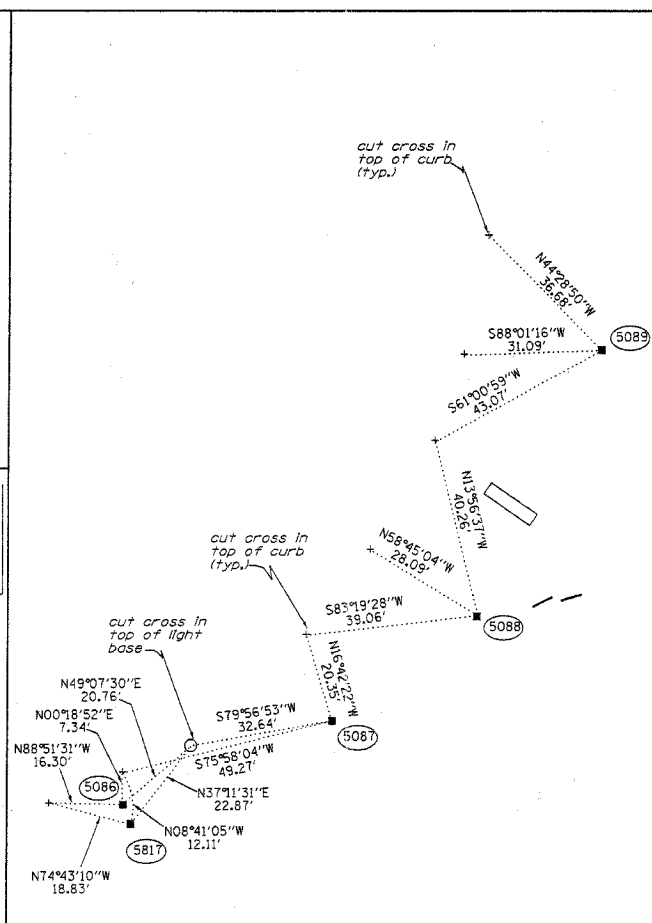
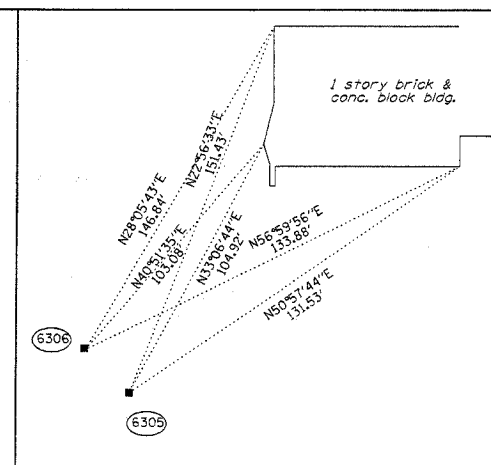
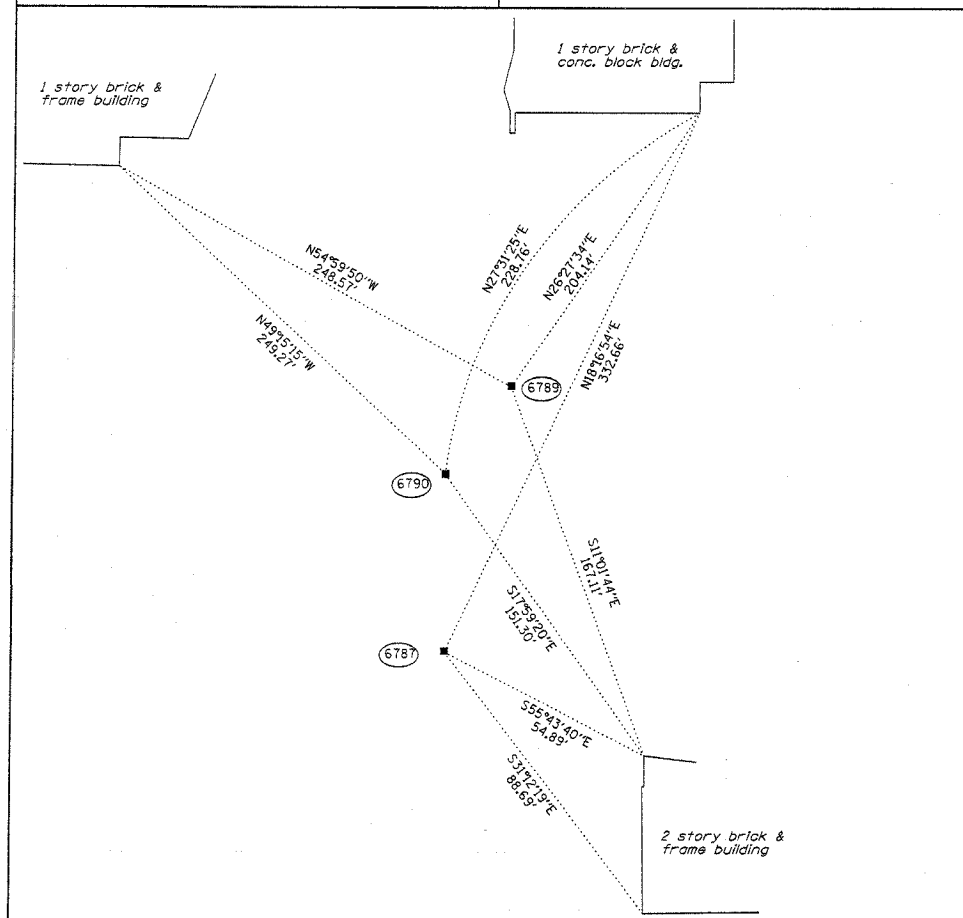
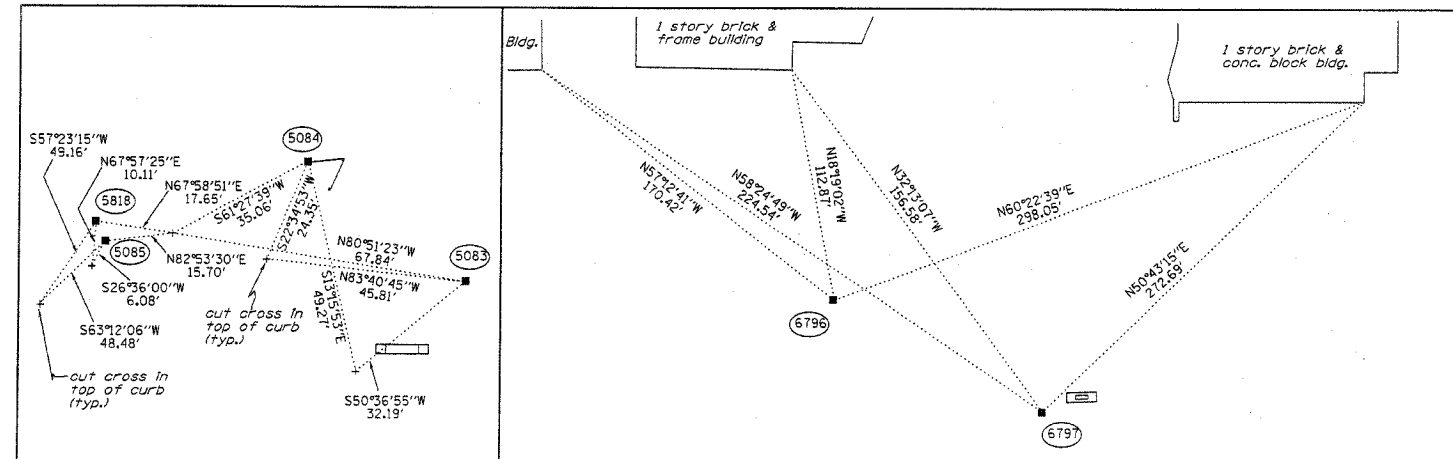
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	68
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- PROPERTY (DEED) LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT.
- ⊕ I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- + CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- TEL EXISTING TELEPHONE SPLICE BOX
- LGT EXISTING STREET LIGHT
- MAIL EXISTING MAIL BOX
- WELL EXISTING WELL HEAD

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY 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. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



Point No.	Station	Offset	North	East
5300	9+97.52	0.00 RT.	527559.656	355541.856
5019	21+08.48	0.00 RT.	528668.564	355531.139
5020	47+28.21	0.00 RT.	531290.172	355505.803
5018	47+61.21	0.00 RT.	531323.171	355505.484
5083	48+00.00	50.00 LT.	531361.353	355455.020
5085	48+09.84	132.45 LT.	531370.192	355372.461
5818	48+14.49	134.26 LT.	531374.829	355370.592
5084	48+27.97	85.85 LT.	531388.884	355418.835
5817	48+76.00	158.19 LT.	531436.044	355345.918
5086	48+80.86	180.00 LT.	531440.682	355344.049
5087	48+99.37	111.93 LT.	531459.964	355391.889
5088	49+23.00	78.70 LT.	531483.998	355424.836
5089	49+82.60	50.00 LT.	531543.940	355452.814
6285	73+80.63	0.00 RT.	533942.397	355473.845
5006	74+15.19	0.00 RT.	533976.958	355473.427
6305	74+30.39	60.00 RT.	533992.869	355833.239
5827	74+35.53	90.00 LT.	533996.205	355383.187
9033	74+35.93	195.00 LT.	533995.327	355278.191
6097	74+70.00	55.00 LT.	534031.095	355417.767
6161	77+10.40	55.00 LT.	534271.477	355414.852
6277	77+10.40	55.00 LT.	534271.477	355414.852
6273	77+48.00	55.00 LT.	534309.075	355414.396
6274	77+75.00	73.00 LT.	534335.855	355396.070
6275	77+75.00	85.00 LT.	534335.709	355384.071
6187	78+22.38	85.00 LT.	534383.086	355383.497
5927	78+35.00	85.00 LT.	534395.705	355383.344
5926	78+60.00	50.00 LT.	534421.127	355418.038
5003	100+05.58	0.00 RT.	536567.158	355442.018
15	100+64.98	0.00 RT.	536626.553	355441.298

COORDINATES ARE IN PROJECT COORDINATES



STATE OF ILLINOIS )  
COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT RUETTIGER, TONELLI & ASSOCIATES, INC., AN ILLINOIS DESIGN FIRM, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 35 NORTH, RANGE 13 EAST AND IN SECTION 30, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 19TH DAY OF July 2006.  
**R.F.H.**  
RONALD F. HODGEN P.L.S., NO. 2630  
MY LICENSE EXPIRES 11-30-2006

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants  
214 ONEIDA STREET 2630 SOUTH WASHINGTON STREET SUITE 170  
JOLIET, ILLINOIS 60435 NAPERVILLE, ILLINOIS 60563  
PH. (815) 744-6600 FAX (815) 744-0101 PH. (630) 420-1740 FAX (630) 420-1741

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAU 2845 (WESTERN AVE.)  
  
COOK COUNTY  
JOB NO. R-90-002-03  
STATION TO STATION

RECEIVED  
AUG 08 2006  
PLATS & LEGALS

SCALE: 1"=20'  
SHEET 15 OF 15  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 1  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

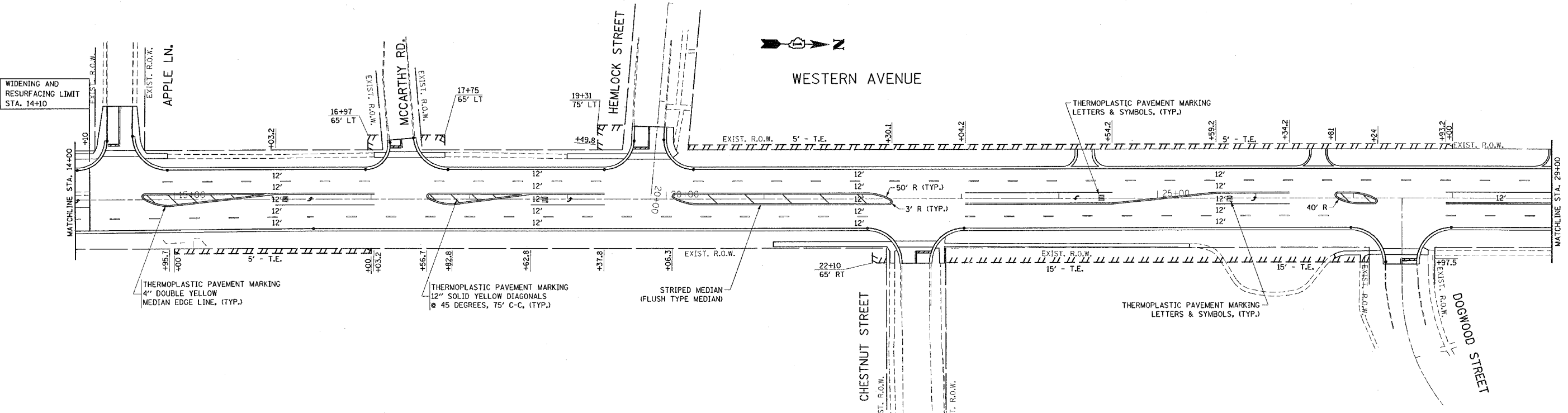
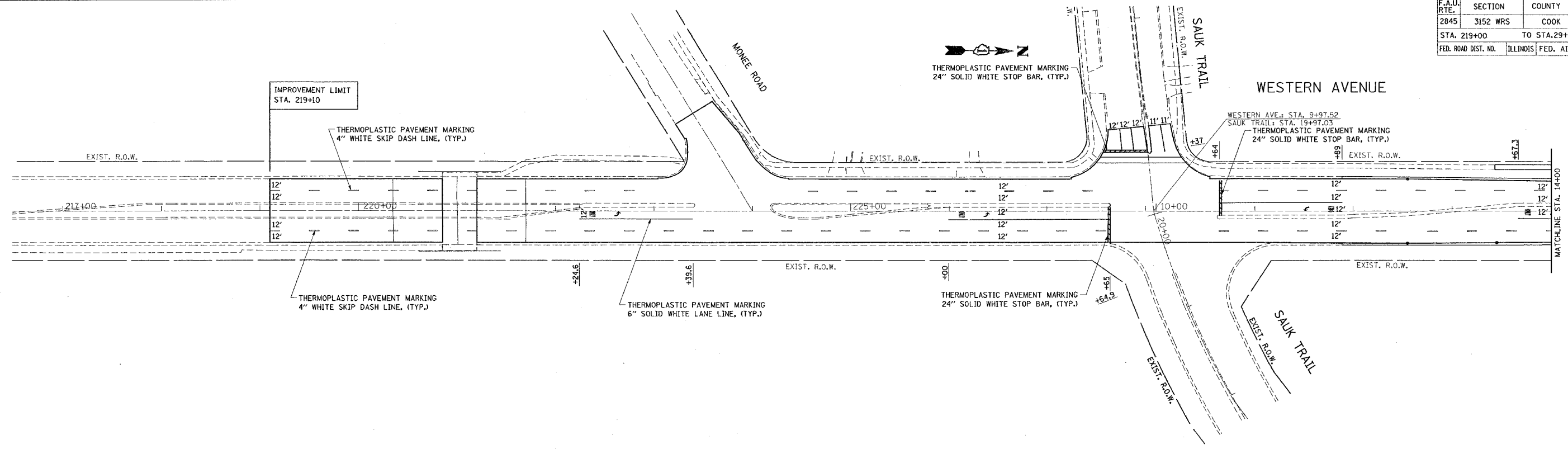
SHEET 1 OF 15 IS A COVER SHEET AND IS NOT RECORDED  
RT&A 20031437 (WESTERN AVE.)



REF-pmk01  
REF-pmk02

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	69
STA. 219+00		TO STA. 29+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED PAVEMENT MARKING  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'

DATE 6/28/2007

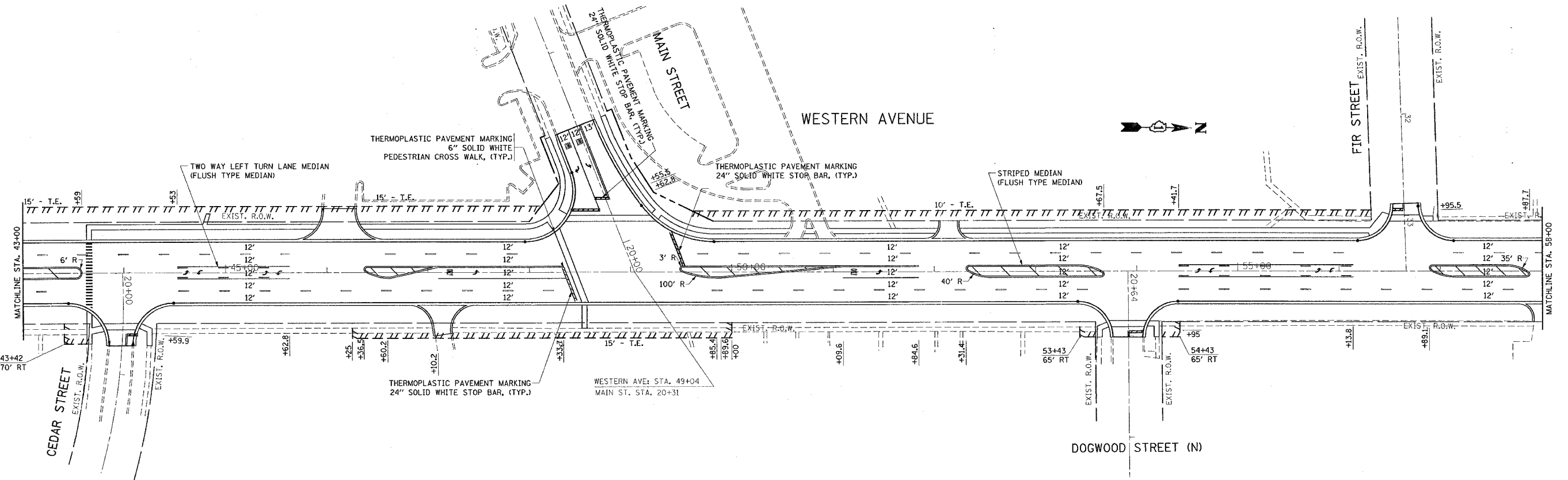
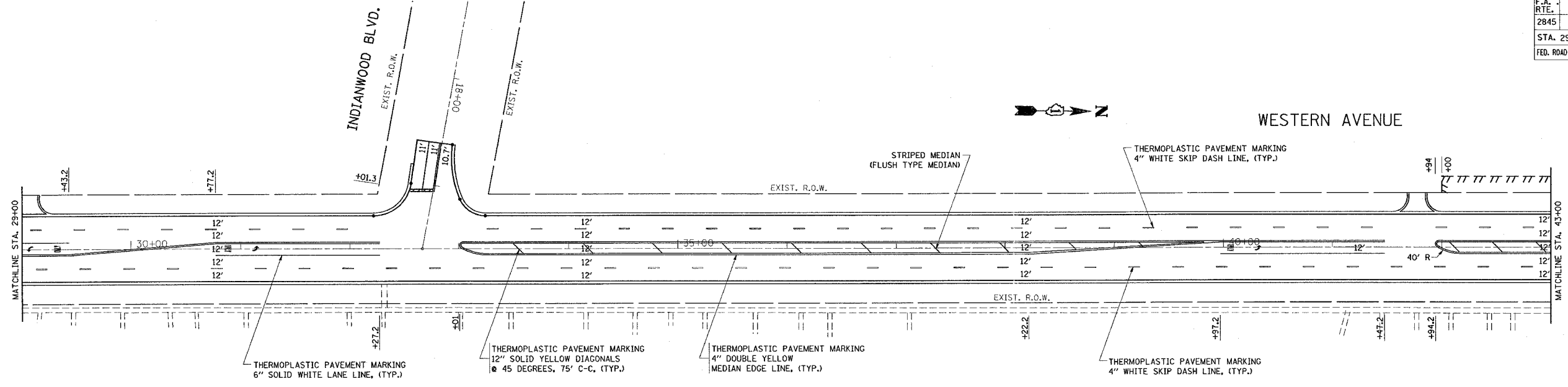
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REFERENCE = SHEET

\*REF-pmk03  
\*REF-pmk04

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	70
STA. 29+00		TO STA. 58+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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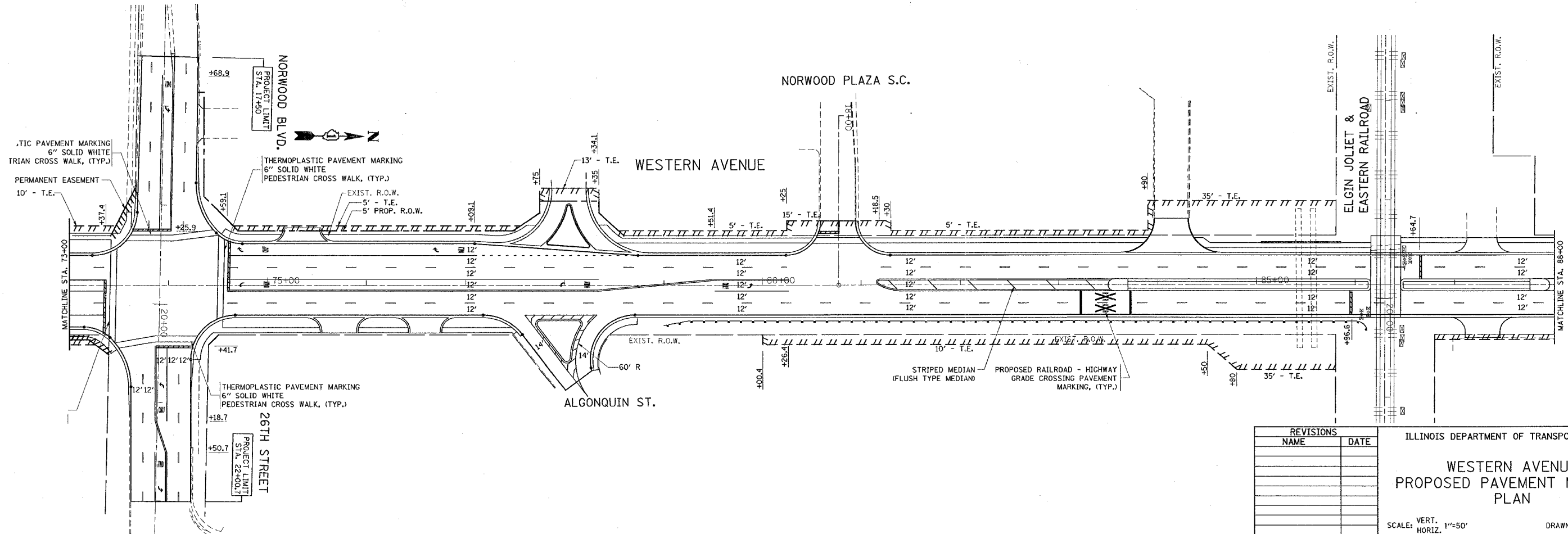
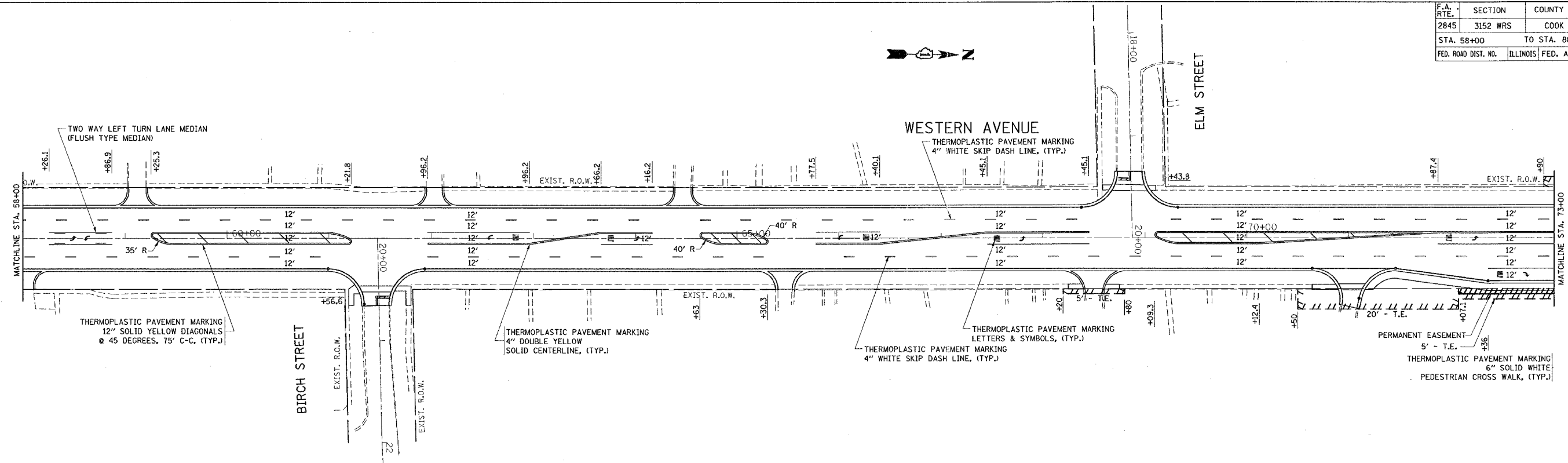
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
WESTERN AVENUE  
PROPOSED PAVEMENT MARKING  
PLAN  
  
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HORIZ. 1"=50'  
DATE 6/28/2007  
  
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CHECKED BY

REF-pmk05  
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CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	71
STA. 58+00		TO STA. 88+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED PAVEMENT MARKING  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 6/28/2007

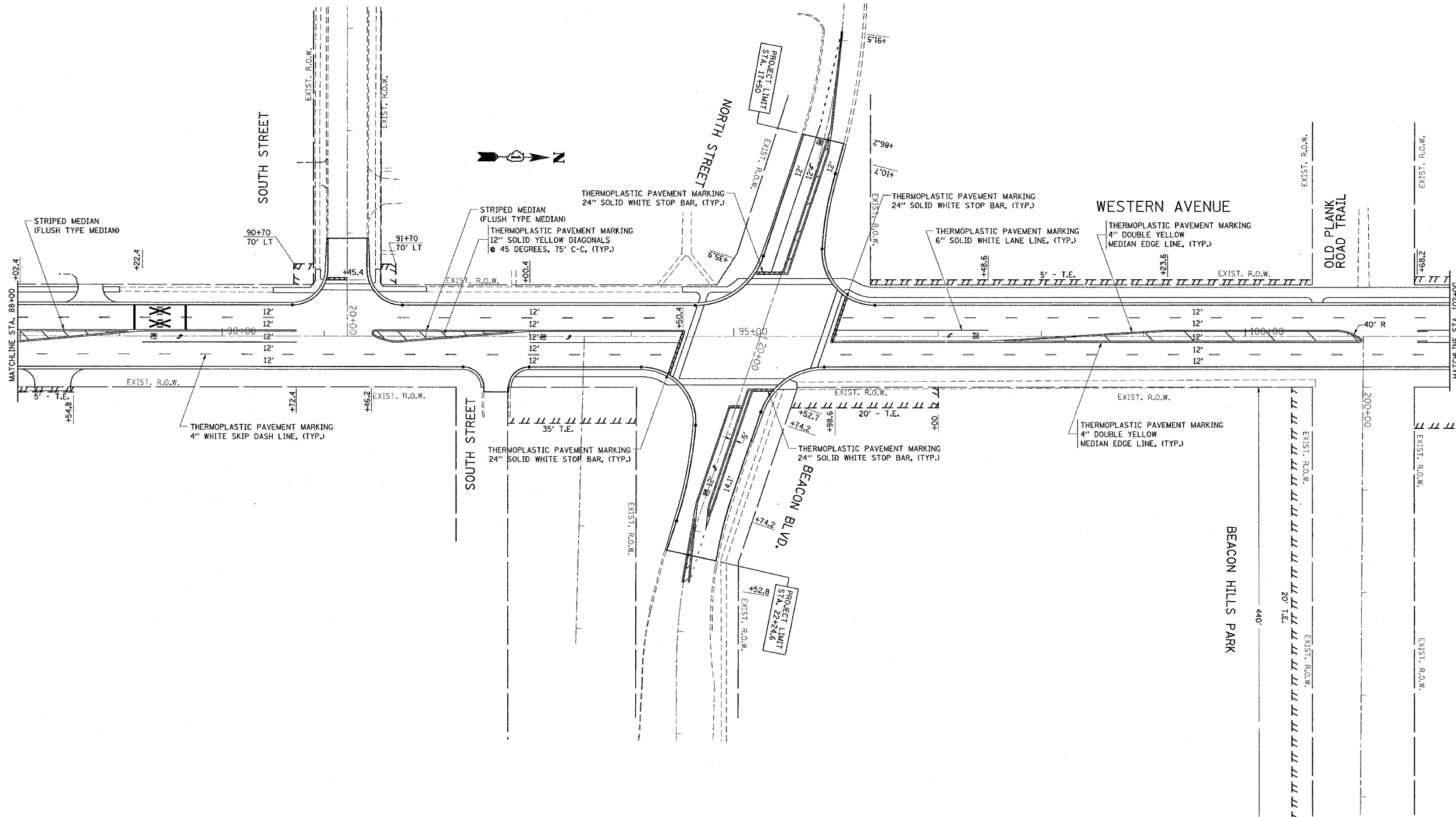
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\*REF-pmk07

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	72
STA. 88+00		TO STA. 102+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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 REFERENCE = WRS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
 PROPOSED PAVEMENT MARKING  
 PLAN**

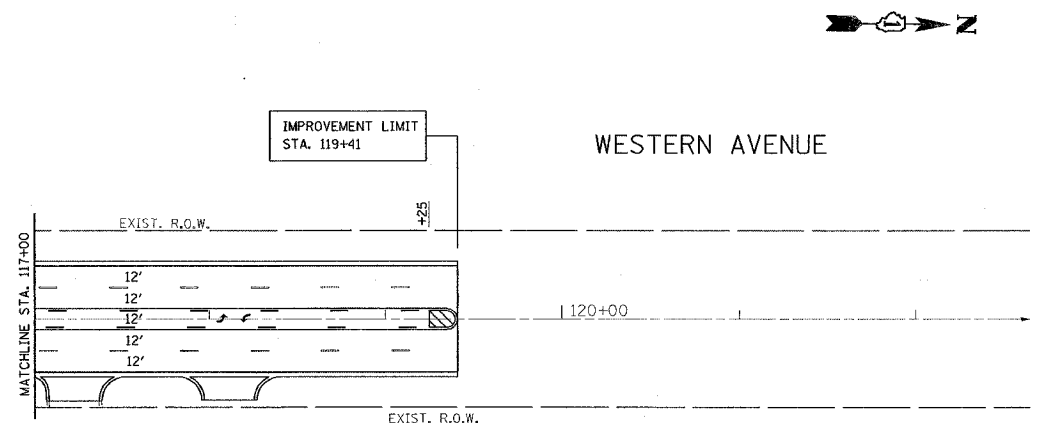
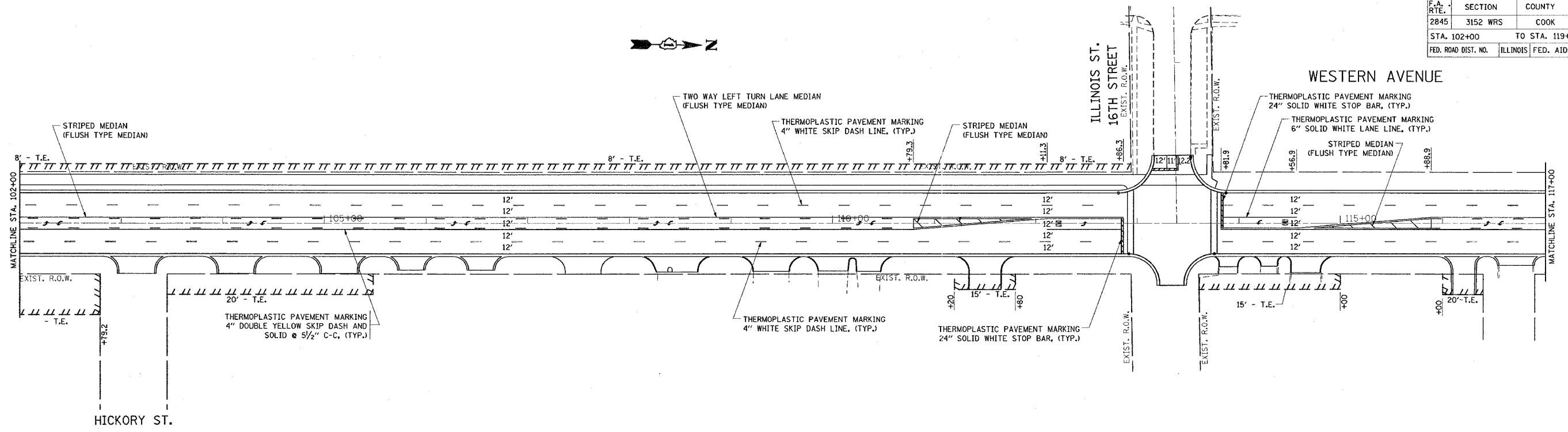
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 DATE 6/28/2007

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REF-pmk09

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	73
STA. 102+00		TO STA. 119+41		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED PAVEMENT MARKING  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'

DATE 6/28/2007

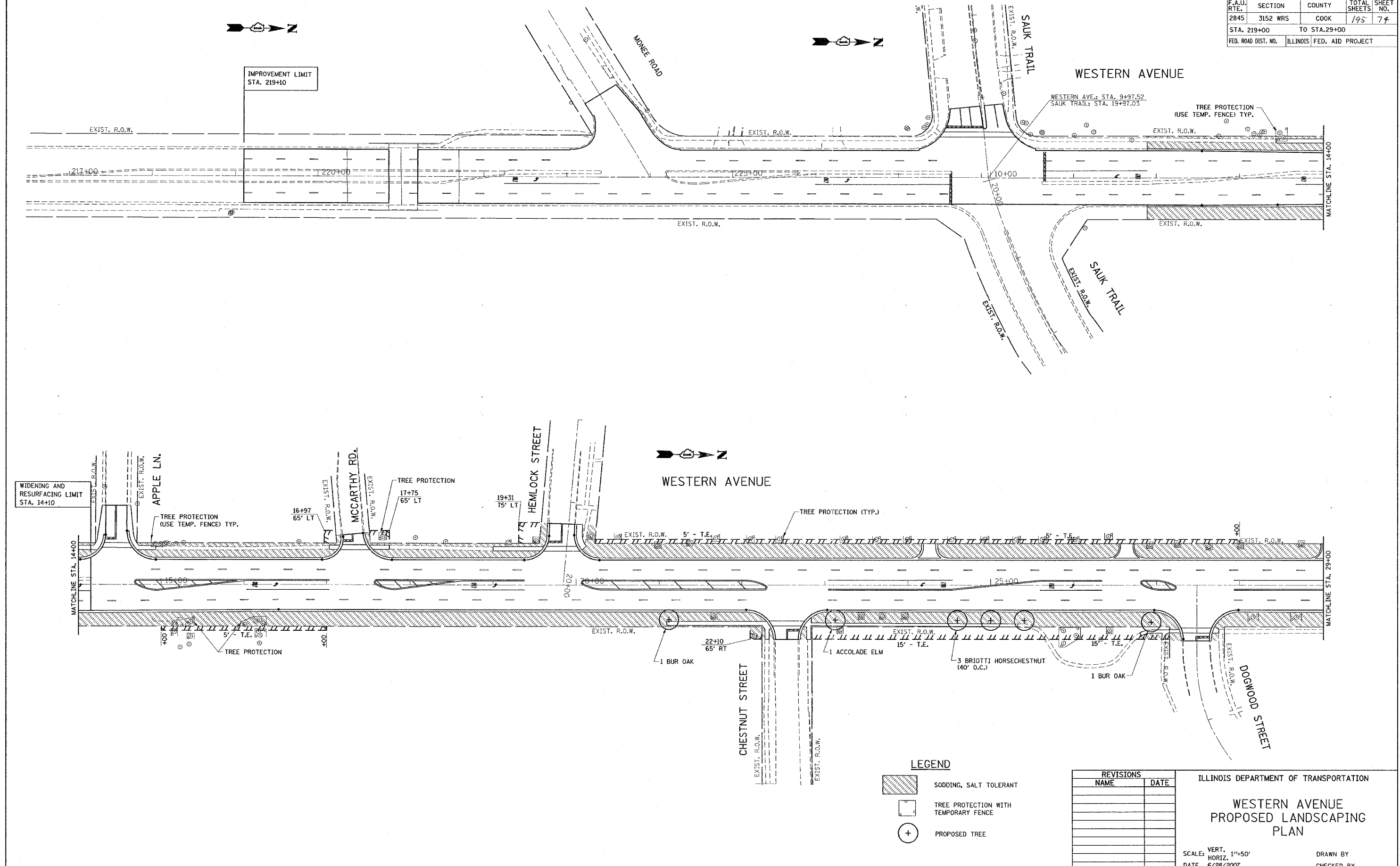
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PLOTTER = HP DesignJet 750 / 24  
REFERENCE = BREF#

\*REF-pmK01  
\*REF-pmK02

CONTRACT NO. 62742

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	74
STA. 219+00		TO STA. 29+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



WIDENING AND RESURFACING LIMIT STA. 14+10

IMPROVEMENT LIMIT STA. 219+10

**LEGEND**

	SODDING, SALT TOLERANT
	TREE PROTECTION WITH TEMPORARY FENCE
	PROPOSED TREE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED LANDSCAPING  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 6/28/2007

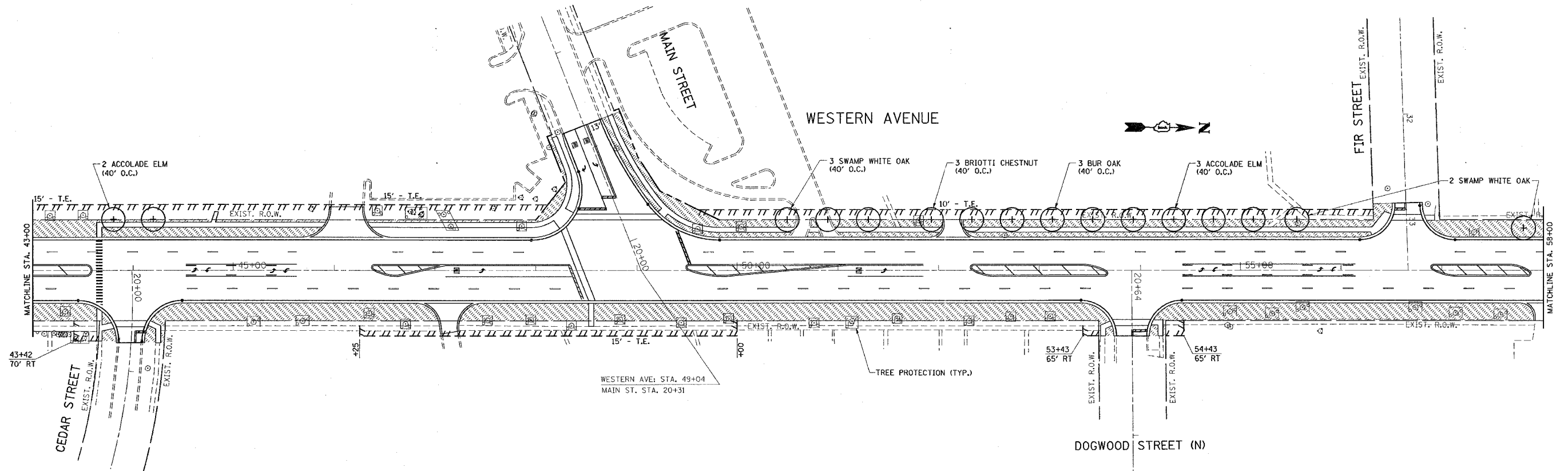
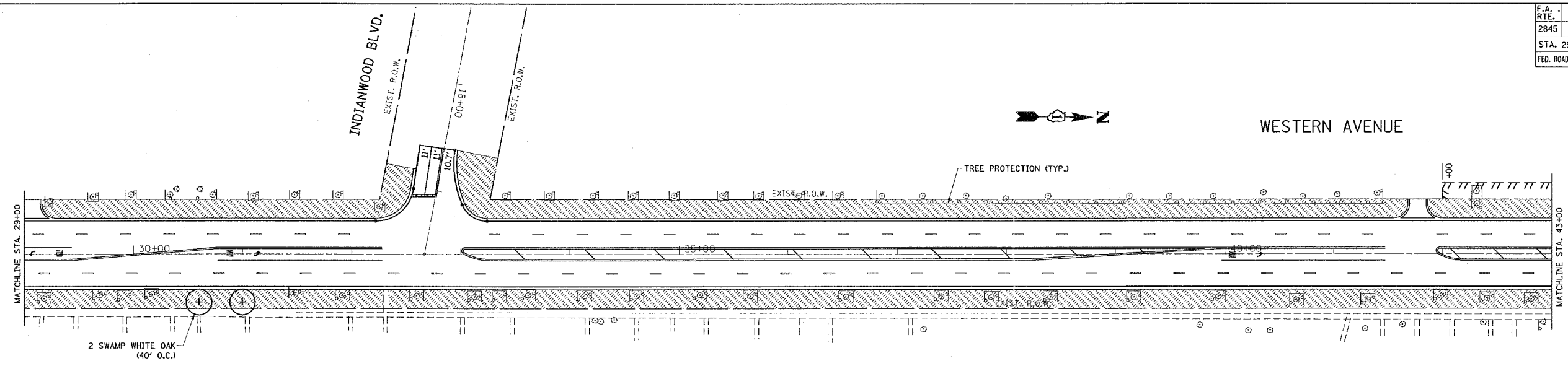
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PLOT NUMBER = 144899 / 14  
REFERENCE = WRS

\*REF-pmk03  
\*REF-pmk04

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	75
STA. 29+00		TO STA. 58+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- LEGEND**
-  SODDING, SALT TOLERANT
  -  TREE PROTECTION WITH TEMPORARY FENCE
  -  PROPOSED TREE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED LANDSCAPING  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 1"=40'  
DATE 6/28/2007

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CHECKED BY

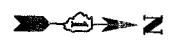
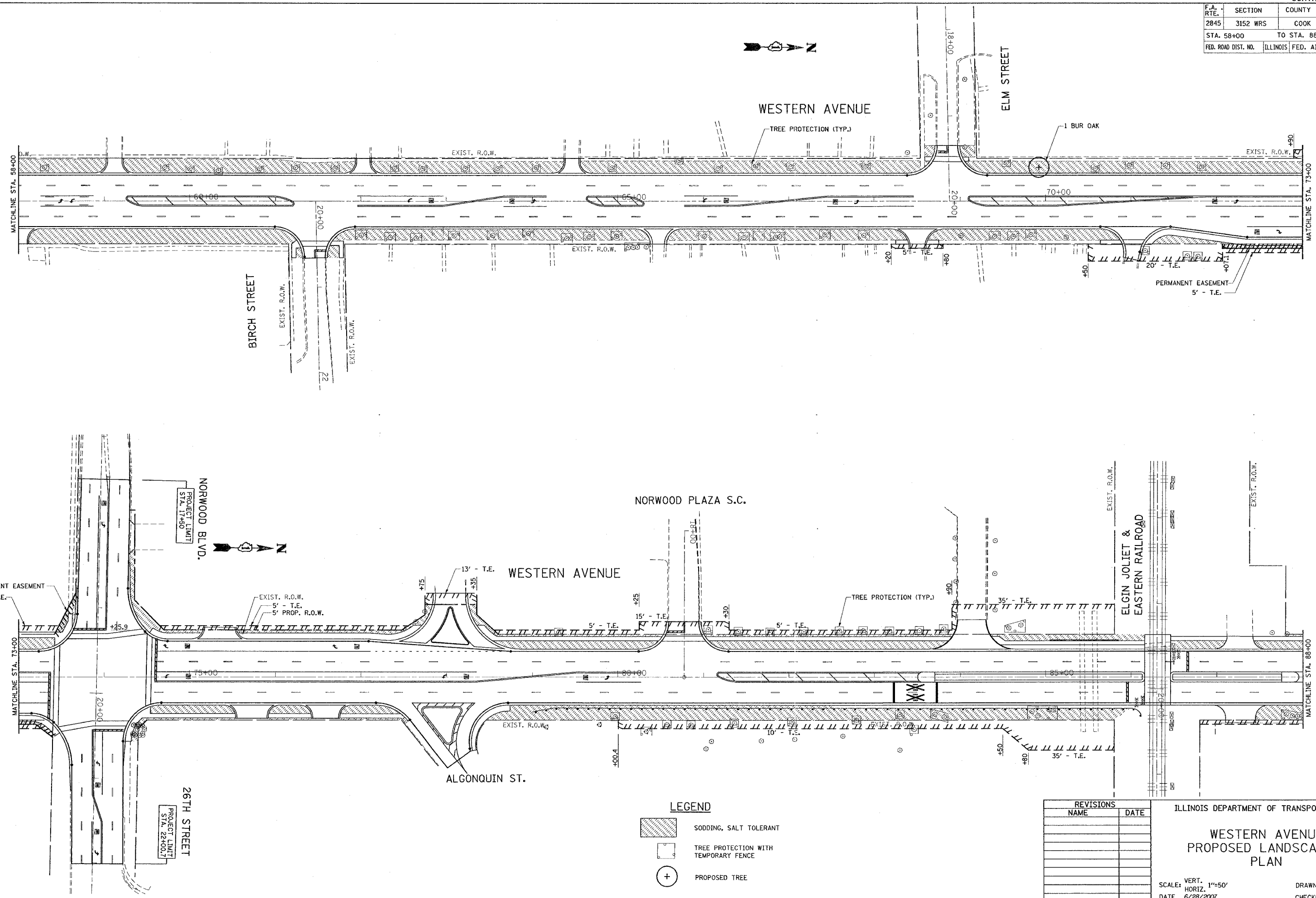
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REFERENCE = #REF#






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\*REF-pmk06

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	125	74
STA. 58+00		TO STA. 88+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

-  SODDING, SALT TOLERANT
-  TREE PROTECTION WITH TEMPORARY FENCE
-  PROPOSED TREE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED LANDSCAPING  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'

DATE 6/28/2007

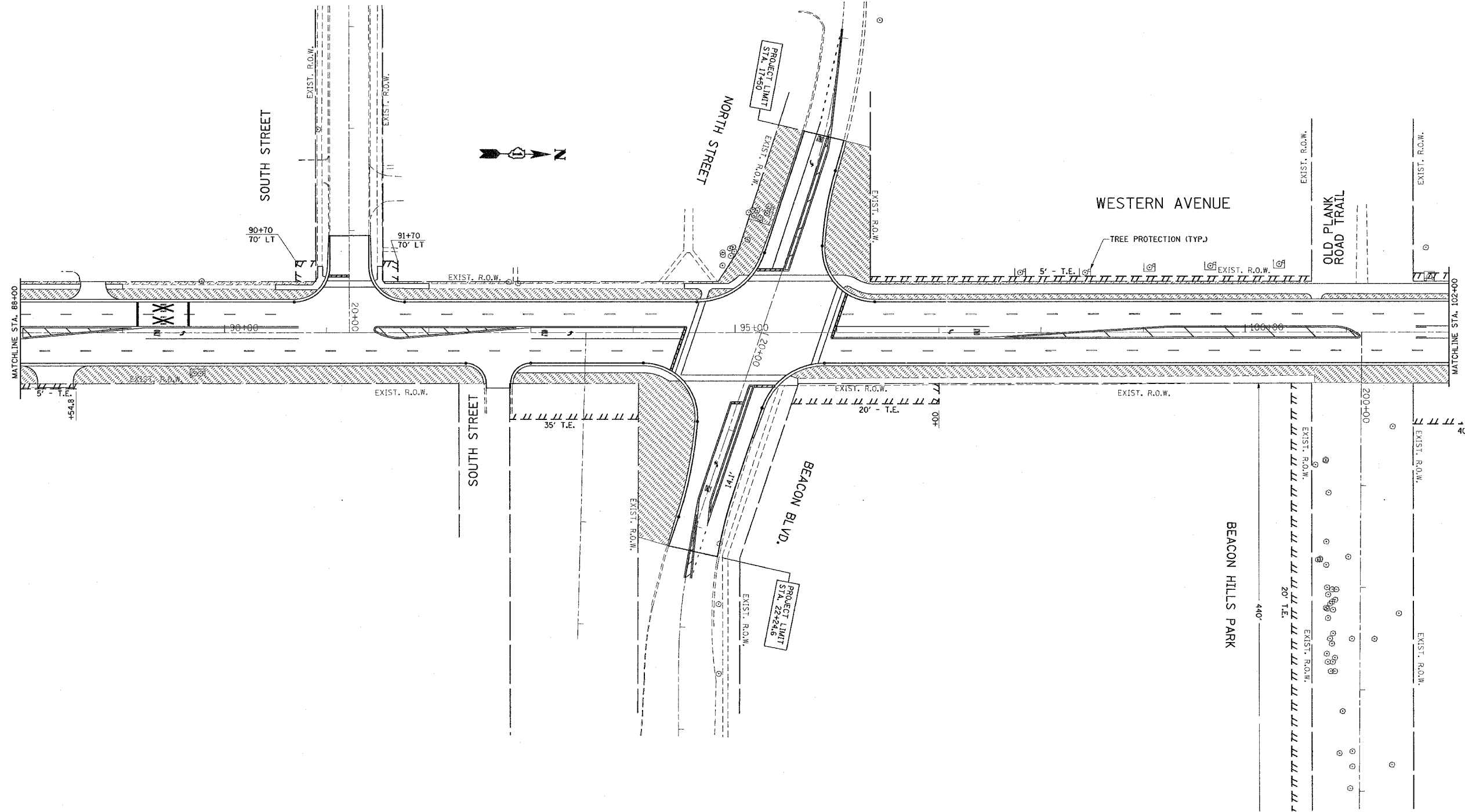
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
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CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	77
STA. 88+00		TO STA. 102+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LEGEND**

-  SODDING, SALT TOLERANT
-  TREE PROTECTION WITH TEMPORARY FENCE
-  PROPOSED TREE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED LANDSCAPING  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 6/28/2007

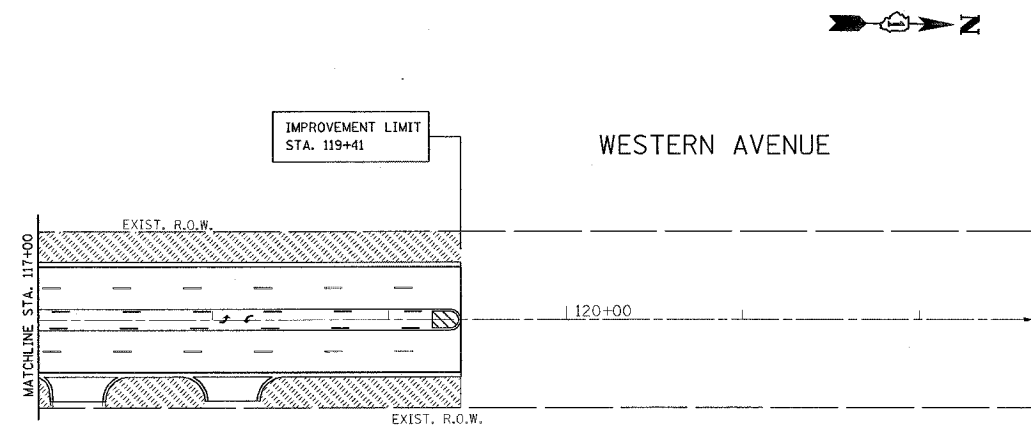
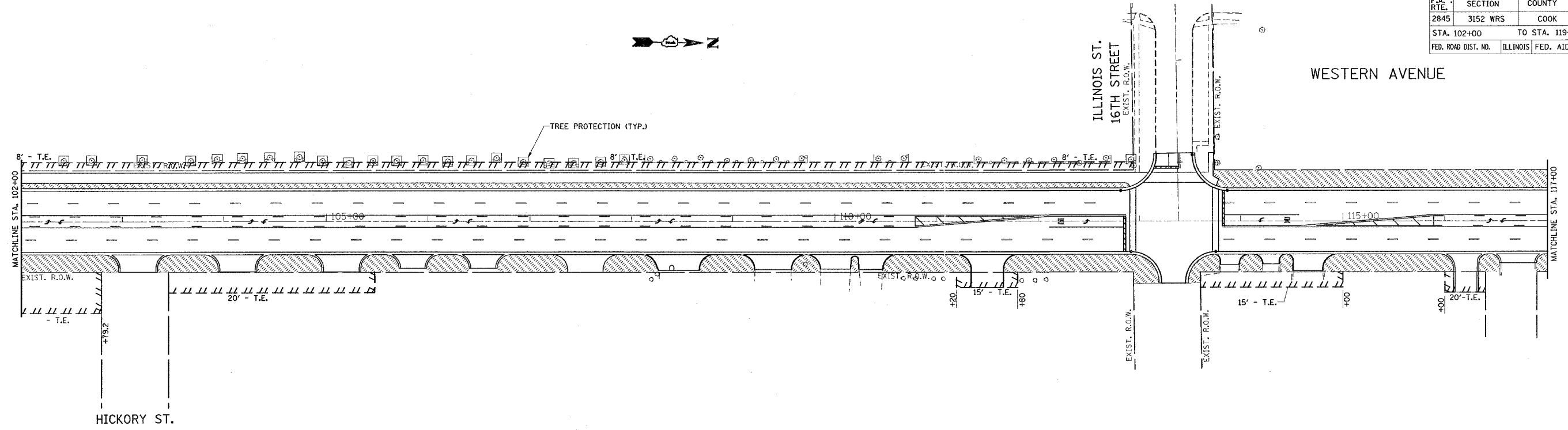
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


\*REF-pmk08  
\*REF-pmk09

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	78
STA. 102+00		TO STA. 119+41		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**LEGEND**

	SODDING, SALT TOLERANT
	TREE PROTECTION WITH TEMPORARY FENCE
	PROPOSED TREE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED LANDSCAPING  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'

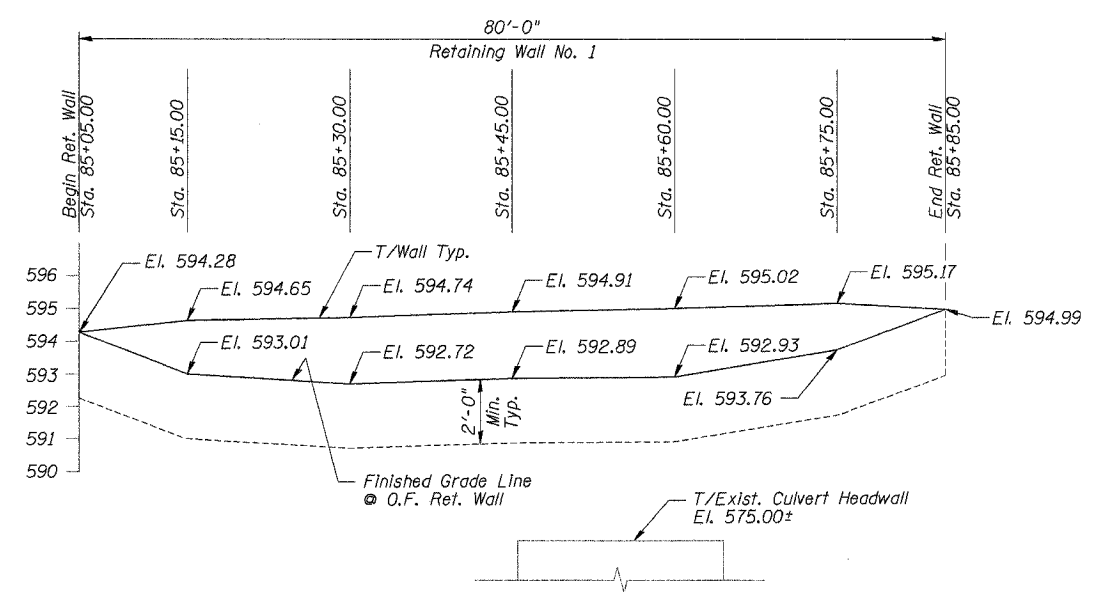
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ROUTE NO.	SECTION	COUNTY	SHEET	SHEET
FAU 2845	3182 WRB	COOK	195	79
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT-	
CONTRACT NO. 62742				

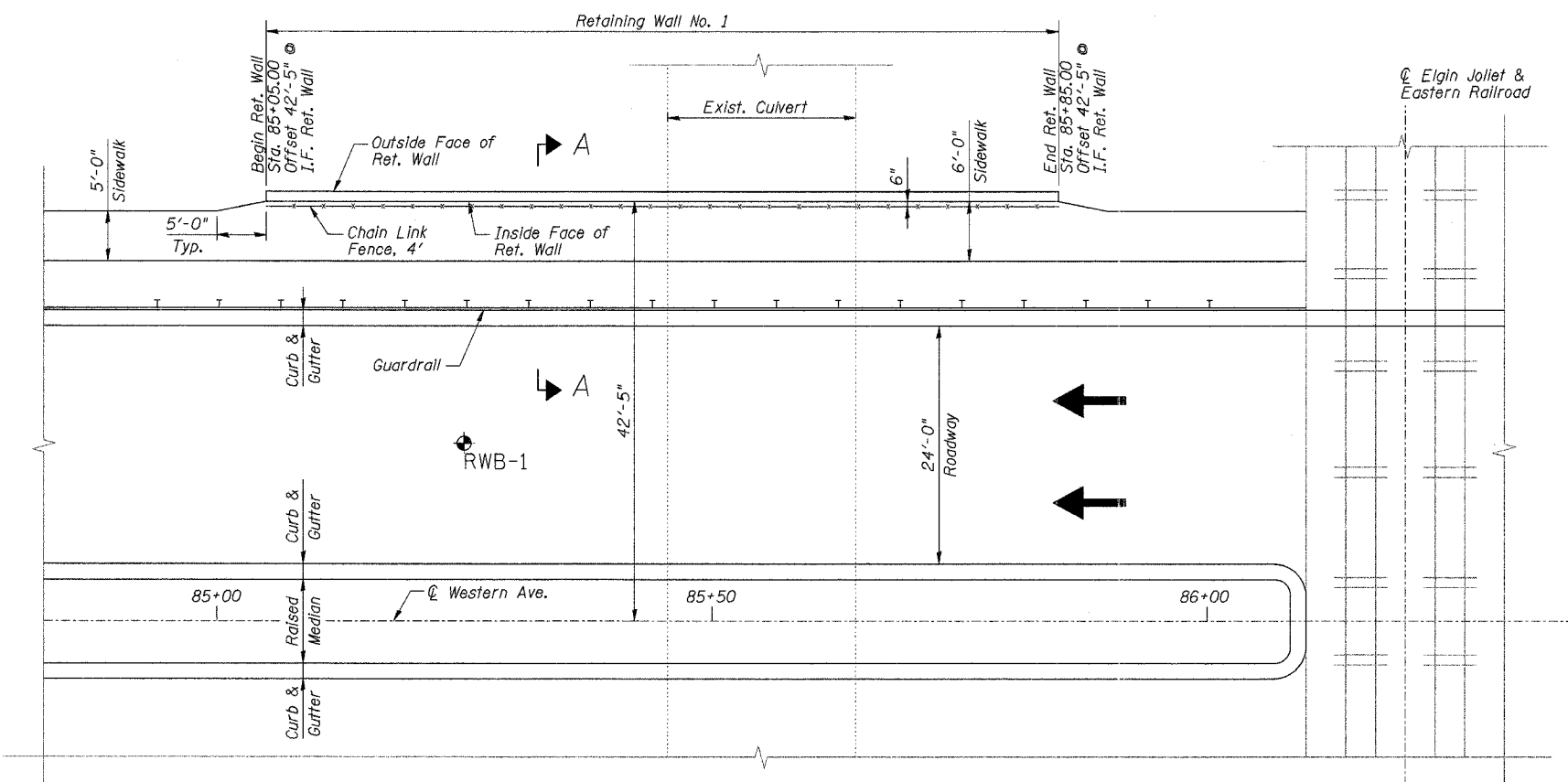
SHEET NO. 1 OF 2 SHEETS



**REFLECTED ELEVATION - RETAINING WALL NO. 1**  
(Looking East at Outside Face)

**DESIGN SPECIFICATIONS**  
See Special Provision for Segmental Concrete Block Wall for Design Specifications

**LEGEND**  
RWB-1 - Soil Boring  
Note:  
1. See Retaining Wall No. 1 Details Sheet for Boring Log and Section A-A.



**PLAN - RETAINING WALL NO. 1**

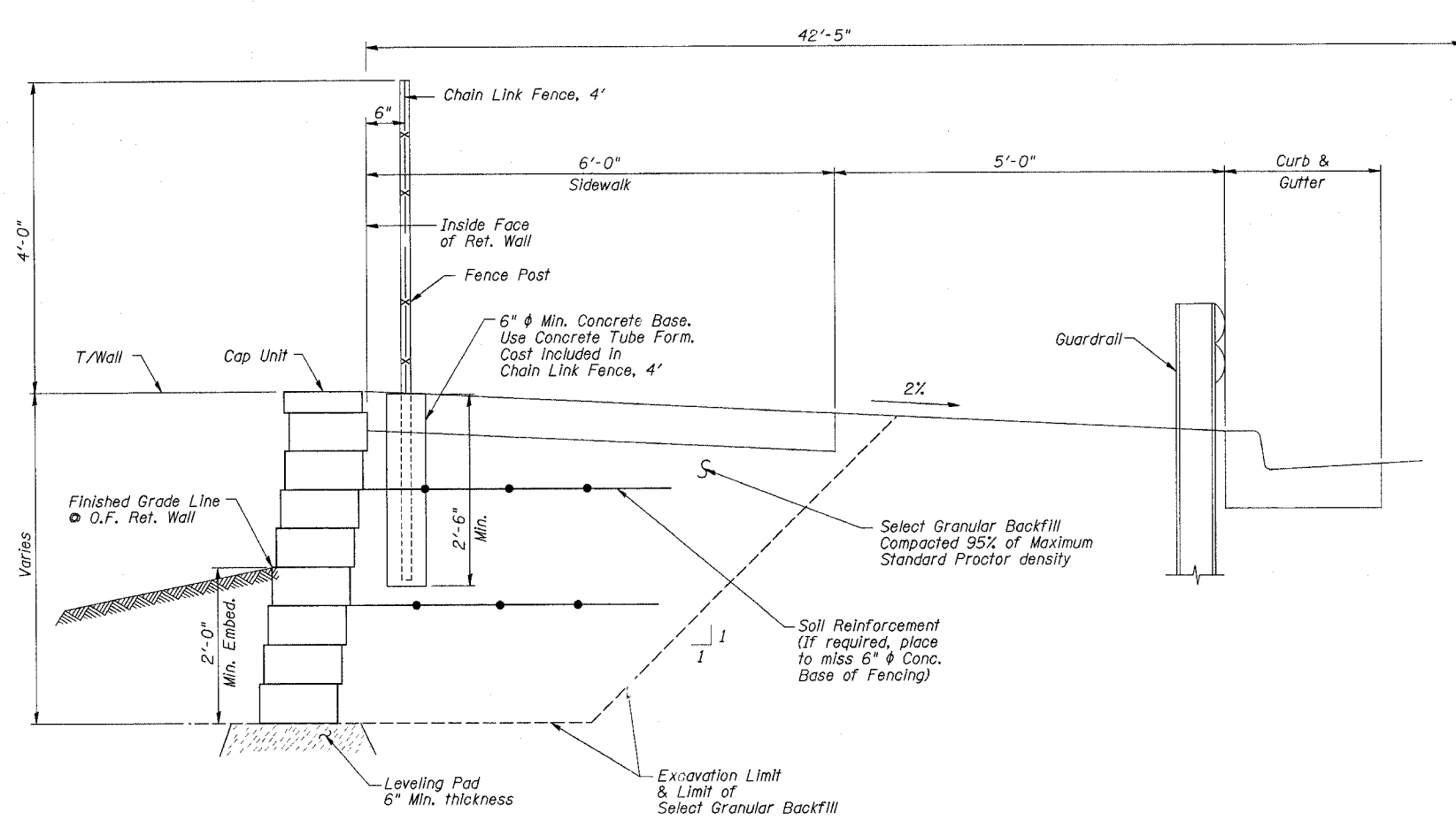
STATE OF ILLINOIS  
SCOTT D. HINRICHS  
081-005750  
LICENSED STRUCTURAL ENGINEER  
EXPIRES 11/30/08  
c/1/07

DESIGNED	SDH
CHECKED	JAZ
DRAWN	MSM
CHECKED	SDH

**RETAINING WALL NO. 1**  
**PLAN & ELEVATION**  
WESTERN AVENUE AT ELGIN  
JOLIET AND EASTERN RAILROAD  
DATE: 05-30-07  
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC  
CHICAGO ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2945	3152 WRS	COOK	195	80
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SHEET NO. 2 OF 2 SHEETS



SECTION A-A

Note:  
1. Cost of Excavation & Select Granular Backfill Included in Segmental Concrete Block Wall.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
* Segmental Concrete Block Wall	Sq. Ft.	290
Chain Link Fence, 4'	Foot	80

\* See Special Provisions

DESIGNED	SDH
CHECKED	JAZ
DRAWN	MSM
CHECKED	SDH

**Illinois Department of Transportation**  
Division of Highways  
Basic Department of Transportation  
FAU 2845 (Western Ave.)

**SOIL BORING LOG**

Page 1 of 1  
Date 4/30/07  
LOGGED BY M. Esposito

ROUTE: 3152 WRS, LOCATION: NE 1/4, SEC. 25, TWP. 35N, RNG. 13E, 3<sup>rd</sup> PM  
COUNTY: COOK, DRILLING METHOD: CME 750, 3.25 in. ID HSA, HAMMER TYPE: CME Automatic

STRUCT. NO. Station	DEPTH W H	B L O S	U C S	M O I S T	Surface Water Elev. Stream Bed Elev.	Groundwater Elev.: First Encounter Upon Completion After	ft	ft	ft	ft	DEPT H	B L O S	U C S	M O I S T
Bituminous Pavement Approx. 4 inches					594.11									
PCB Pavement Approx. 12 inches					593.11									
Medium Stiff Gray/Black SILTY CLAY (Fill)														
	0													
	0	0.7		30										
	4	B												
	6													
Grades to Very Stiff w/some Brown Mottling 3 inch Coarse Sand Seam @ Approx. 5.5 ft.														
	3													
	2	2.9		20										
	3	B												
	1													
	2	2.5		26										
	3	S @ 15%												
	2													
	3	1.6		26										
	1													
	2	0.8		28										
	4	P												
	1													
	2	1.1		25										
Stiff Black SILTY CLAY (Buried Topsoil)					578.44									
	2	B												
Stiff to Very Stiff Gray SILTY CLAY					577.44									
	1													
	3	2.4		24										
	4	B												

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Perimeter)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

RETAINING WALL No. 1  
DETAILS

WESTERN AVENUE AT ELGIN  
JOLIET AND EASTERN RAILROAD

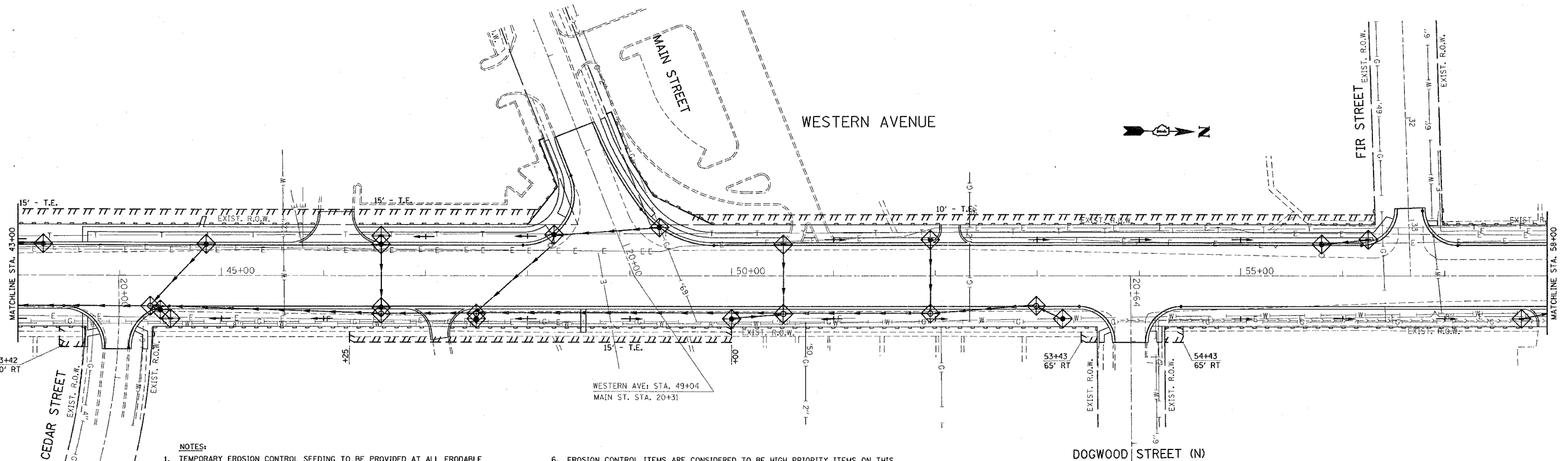
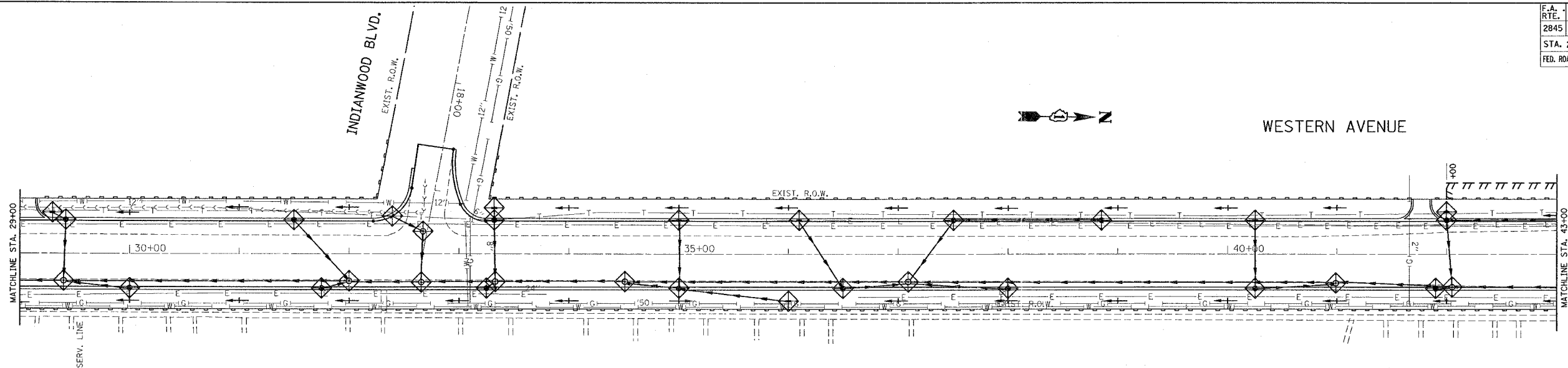
DATE: 05-30-07  
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC  
CHICAGO ILLINOIS



\*REF-er003  
\*REF-er004

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	82
STA. 29+00		TO STA. 58+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**NOTES:**

- TEMPORARY EROSION CONTROL SEEDING TO BE PROVIDED AT ALL ERODABLE BARE EARTH AREAS, REFER TO SPECIAL PROVISIONS.
- NPDES PERMIT IS REQUIRED FOR THE PROJECT.
- THE CONTRACTORS SHALL PROVIDE & MAINTAIN INLET PROTECTION AT ALL PROPOSED DRAINAGE STRUCTURES AND AT OTHER LOCATIONS DIRECTED BY THE ENGINEER AND/ OR SHOWN IN THE PLANS. INLET PROTECTION SHALL BE PLACED IMMEDIATELY AFTER THE AREA INVOLVED HAS BEEN DISTURBED.
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- AT ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.
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- NO SLOPE SHALL BE LEFT UNDISTURBED FOR MORE THAN 14 DAYS WITHOUT THE PLACEMENT OF TEMPORARY OR PERMANENT SEEDING.

**LEGEND FOR EROSION CONTROL NOTES**

- SEDIMENT CONTROL, SILT FENCE
- SWALE
- DITCH
- INLET FILTER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED EROSION CONTROL  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 6"=100'  
DATE 6/28/2007

DRAWN BY  
CHECKED BY

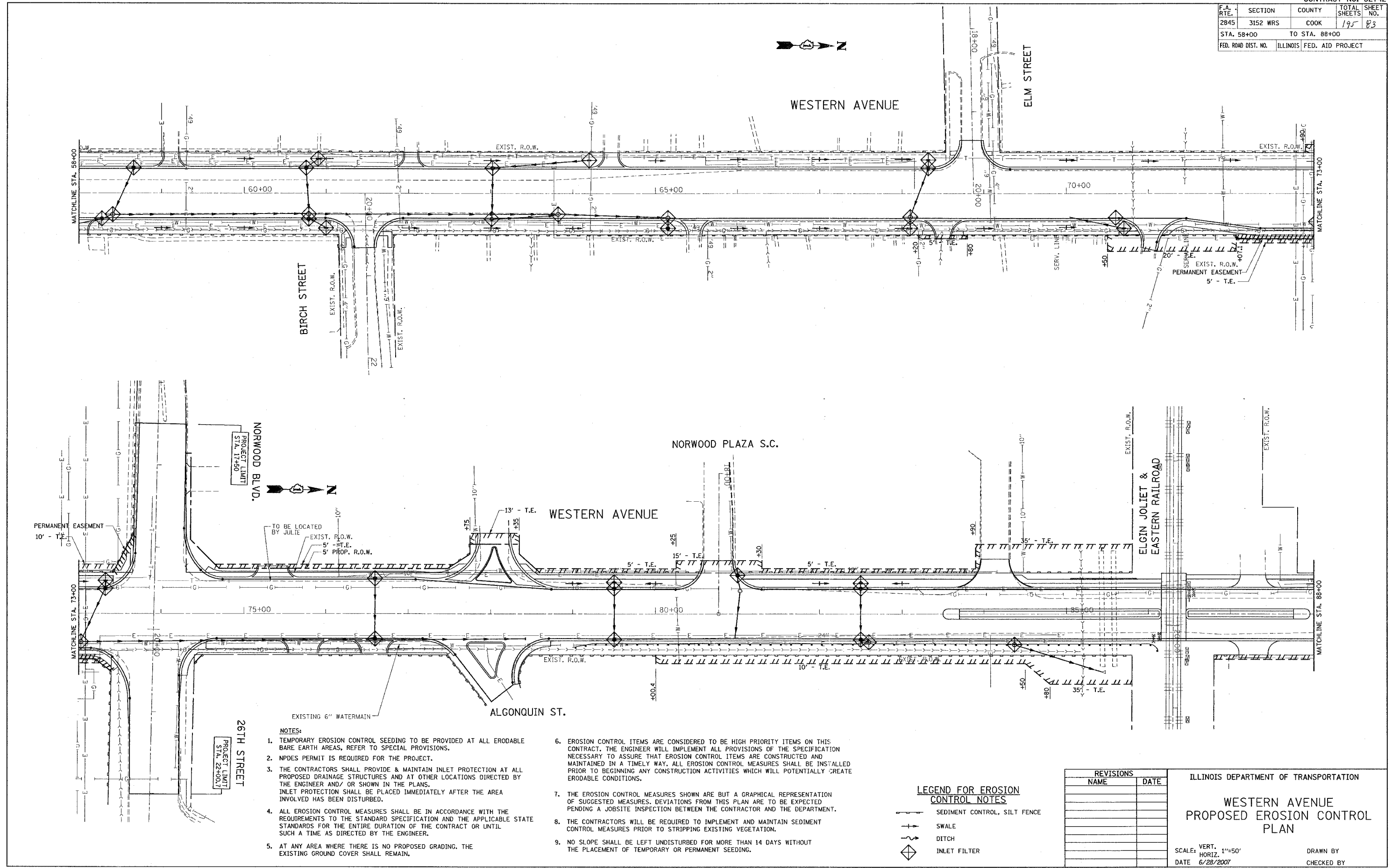
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\*REF-ero05  
\*REF-ero06

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	83
STA. 58+00		TO STA. 88+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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- SEDIMENT CONTROL, SILT FENCE
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED EROSION CONTROL  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 1"=100'  
DATE 6/28/2007

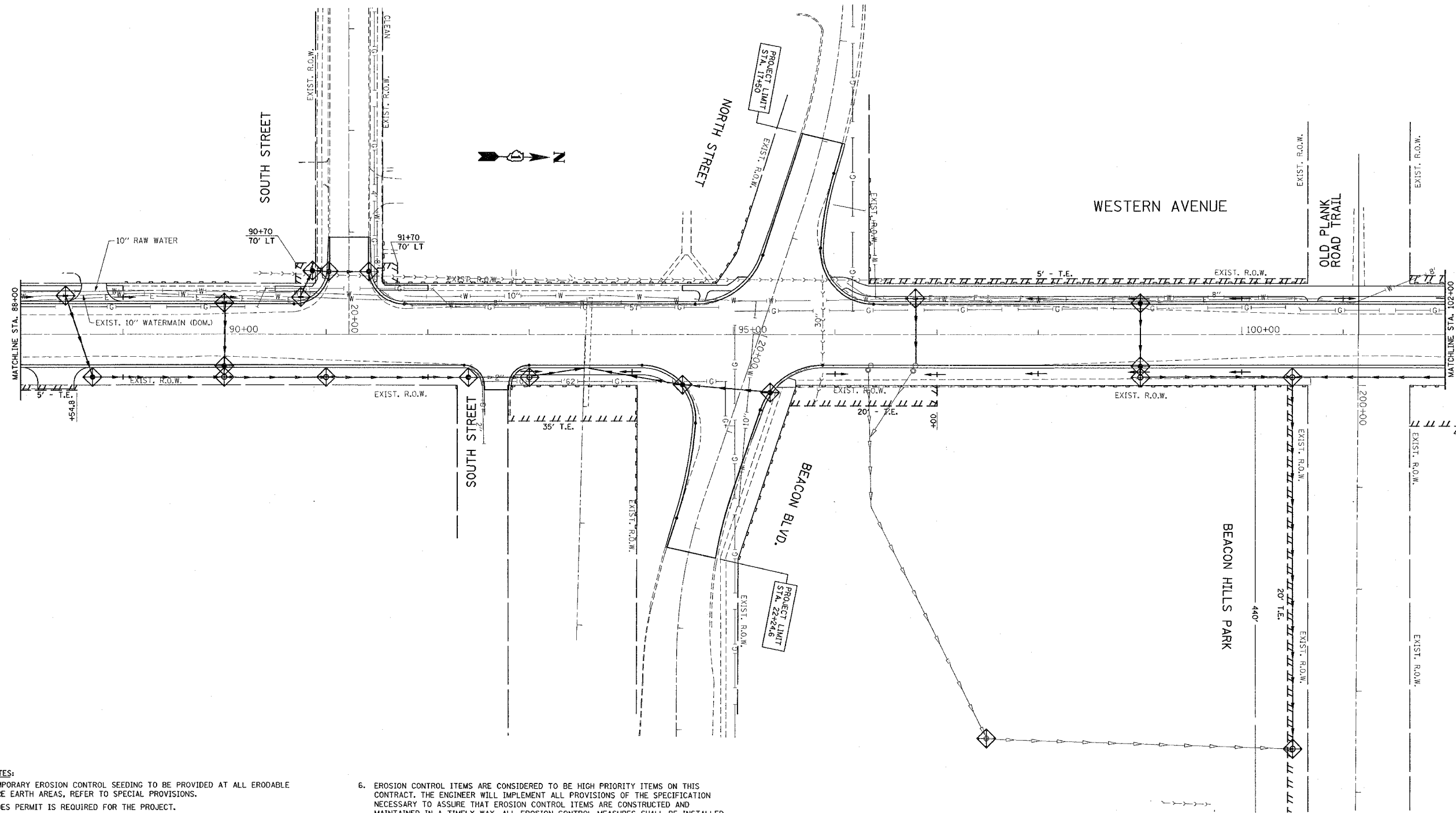
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\*REF-erc07

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	87
STA. 88+00		TO STA. 102+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WESTERN AVENUE  
PROPOSED EROSION CONTROL  
PLAN**

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 6/28/2007

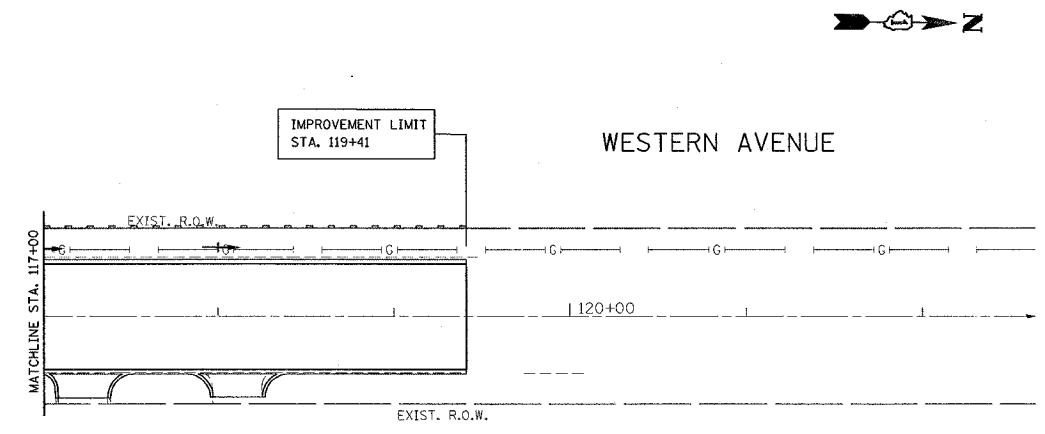
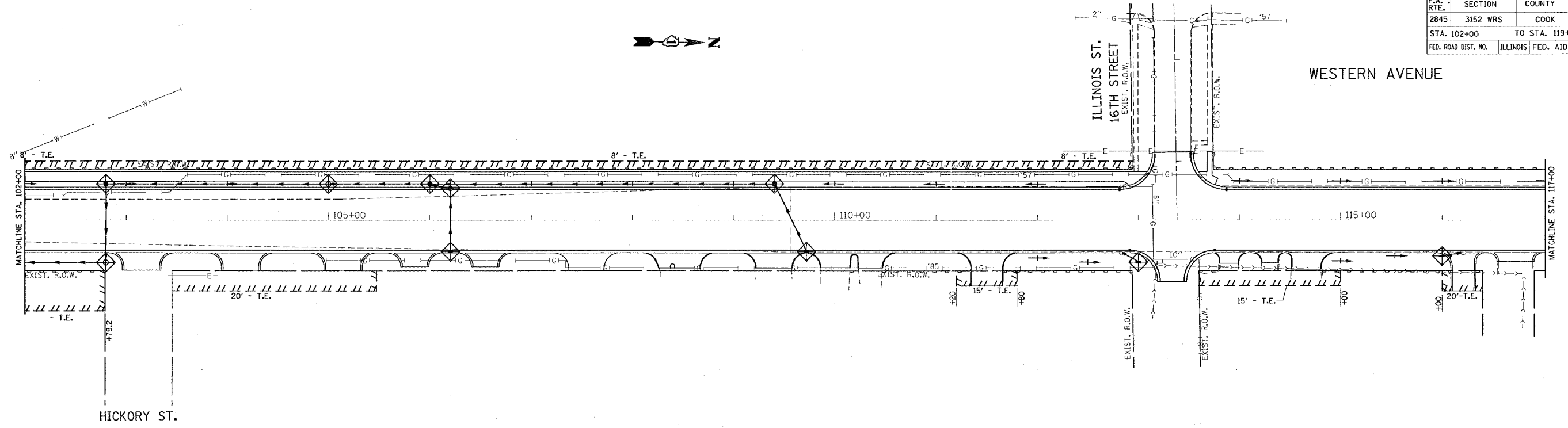
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\*REF-er008  
\*REF-er009

CONTRACT NO. 62742

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152 WRS	COOK	195	85
STA. 102+00		TO STA. 119+41		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**LEGEND FOR EROSION CONTROL NOTES**

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9. NO SLOPE SHALL BE LEFT UNDISTURBED FOR MORE THAN 14 DAYS WITHOUT THE PLACEMENT OF TEMPORARY OR PERMANENT SEEDING.

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WESTERN AVENUE  
PROPOSED EROSION CONTROL  
PLAN**  
SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 6/28/2007  
DRAWN BY  
CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	86
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO.	62742	

SUMMARY OF TRAFFIC SIGNAL QUANTITIES	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE							
			MONEE	SAUK	MAIN	NORWOOD/ 26TH	NORWOOD PLAZA	NORTH/ BEACON	ILLINOIS/ 16TH	INTER- CONNECT
			YO31-1F	YO31-1F	YO31-1F	YO31-1F	YO31-1F	YO31-1F	YO31-1F	YO31-1F
SIGN PANEL, TYPE 1	SQ FT	48						48		
RELOCATE SIGN PANEL, TYPE 1	SQ FT	90			18	45			27	
RELOCATE SIGN PANEL, TYPE 2	SQ FT	25			25					
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	6596	348		268	308			53	5619
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	415	20	27	96	83		120	69	
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	48			48					
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	30				20			10	
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1146	73			117				956
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	829			188	306		210	125	
HANDHOLE	EACH	18	1		3	3		1		10
HEAVY-DUTY HANDHOLE	EACH	3				3				
DOUBLE HANDHOLE	EACH	2				1			1	
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	7328	409		449	493		247	111	5619
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1						
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	6	1	1	1	1		1	1	
TRANSCIVER - FIBER OPTIC	EACH	6	1	1	1	1		1	1	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3447		290	690	842		1007	618	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6938	311	306	1449	2004		1957	911	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4800	817		782	666		987	1548	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	5741	161		725	2618		1562	675	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8700	868		1486	1863		2569	1914	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	212			18	62		69	63	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2		1	1					
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2	2							
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	9	1		2			4	2	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1							1	
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1							1	
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1							1	
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1				1				
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1				1				
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2				2				
CONCRETE FOUNDATION, TYPE A	FOOT	44	4		8			16	16	
CONCRETE FOUNDATION, TYPE C	FOOT	4							4	
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	180			30	60		60	30	
DRILL EXISTING HANDHOLE	EACH	73	10		2	22		24	7	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	14	3		3	2		4	2	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5	2		3					
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5			3			2		
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	14	1		1	6		4	2	
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2							2	
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2				2				
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	3	1					2		
SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	1							
SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED	EACH	2							2	
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	10			2			4	4	
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	9			2	4		2	1	
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	28	4		4	8		8	4	
INDUCTIVE LOOP DETECTOR	EACH	50	6	8	7	10		10	9	
DETECTOR LOOP, TYPE I	FOOT	4120	457	453	538	1102		941	629	
* LIGHT DETECTOR	EACH	8	2			2		2	2	
* LIGHT DETECTOR AMPLIFIER	EACH	4	1			1		1	1	
PEDESTRIAN PUSH-BUTTON	EACH	19			4	4		6	5	
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4			1	1		1	1	
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2		2						
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2		2						
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	6			2			4		
MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1	1							
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	36371	1134	553	4200	7743	3504	6391	5159	7687
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	375		375						
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7	1	1	1	1	1	1	1	
REMOVE EXISTING HANDHOLE	EACH	20				5	4	2	2	7
REMOVE EXISTING CONCRETE FOUNDATION	EACH	37	1		4	9	7	8	8	
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	12100								12100
SERVICE INSTALLATION, GROUND MOUNTED	EACH	2			1				1	
SERVICE INSTALLATION, POLE MOUNTED	EACH	3	1	1				1		
UNINTERRUPTIBLE POWER SUPPLY	EACH	6	1	1	1	1		1	1	
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	13600								13600
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6, 1C	FOOT	2535			402	1088		585	460	
RELOCATE LIGHT DETECTOR	EACH	4			2					
REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1				1				
FLASHING BEACON AND FLASHER CONTROLLER	EACH	1		1						
* ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED & SHIELDED	FOOT	1580	315		297	301		539	128	
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL II	EACH	1								1

\* 100% COST TO THE VILLAGE OF PARK FOREST

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
**WESTERN AVENUE**  
**MONEE ROAD TO ILLINIOS ST/16TH ST.**

SCALE: VERT.     DRAWN BY JLA  
HORIZ.         DESIGNED BY KK/BPT  
DATE 5/17/2007     CHECKED BY JTL/BPT

PLOT DATE = 5/18/2007  
FILE NAME = J:\mncor\3152WRS\4\sign\hnt\00\_SUMMARY.dgn  
USER = JLA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	87
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO.	62742

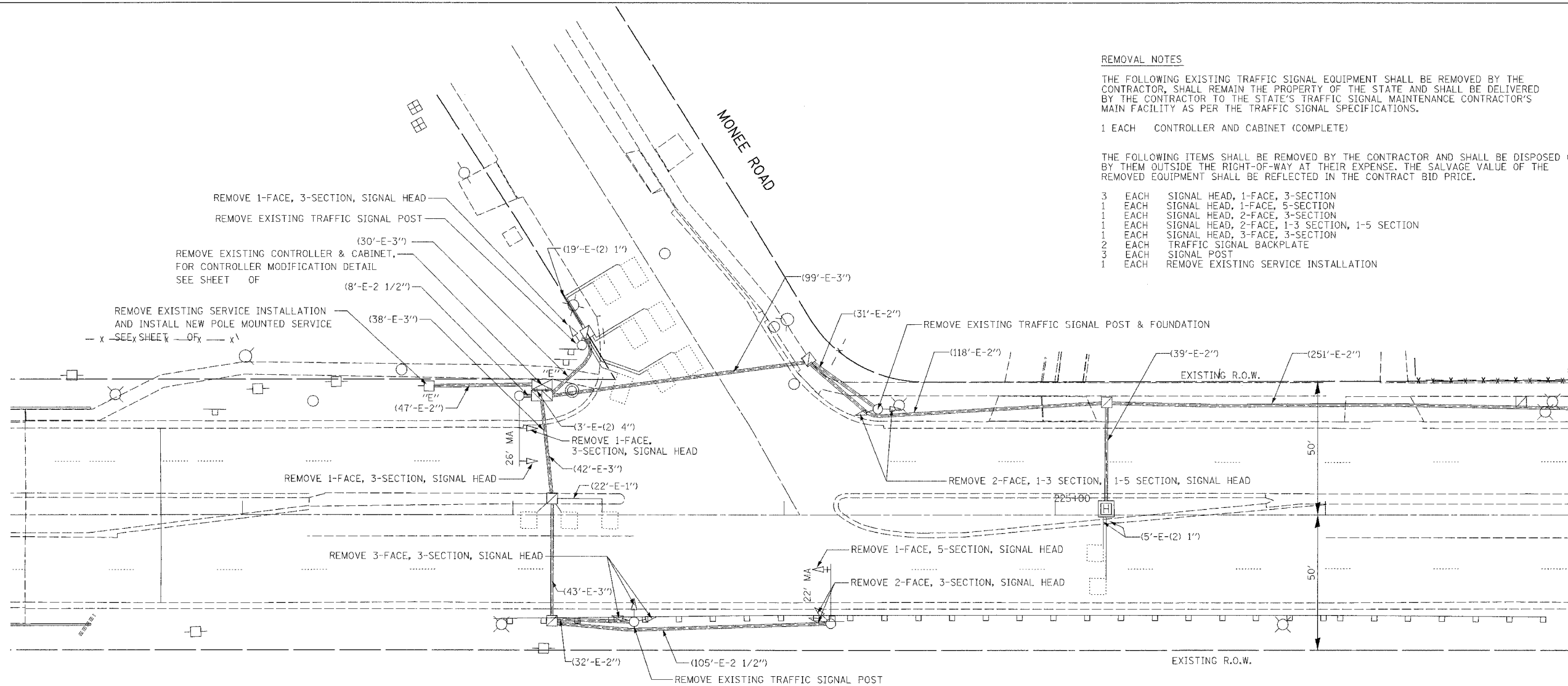
**REMOVAL NOTES**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)

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.

- 3 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 1 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 3-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
- 1 EACH SIGNAL HEAD, 3-FACE, 3-SECTION
- 2 EACH TRAFFIC SIGNAL BACKPLATE
- 3 EACH SIGNAL POST
- 1 EACH REMOVE EXISTING SERVICE INSTALLATION



**EXISTING EQUIPMENT TO BE REMOVED LEGEND**

- "E" □ EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ◊ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- "E" ⊠ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- "E" ⊡ EXISTING HANDHOLE TO BE REMOVED
- "E" ⊢ EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ⊙ EXISTING PEDESTRIAN PUSH-BUTTON TO BE REMOVED
- △ EXISTING PRIORITY VEHICLE DETECTOR TO BE REMOVED
- ⊕ EXISTING CONFIRMATION BEACON TO BE REMOVED
- EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊠ EXISTING TRAFFIC SIGNAL HEAD WITH BACKPLATE TO BE REMOVED
- ⊡ EXISTING TRAFFIC SIGNAL HEAD TO BE REMOVED

NEW L.E.D. TRAFFIC SIGNAL HEADS WILL NOT BE INSTALLED UNTIL CONTROLLER/CABINET AND FOUNDATION ARE COMPLETED. LOOP DETECTION WILL BE INSTALLED PRIOR TO COMPLETION OF ROADWAY RESURFACING AS PER SPECIFICATION.

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

**FOR UNDERGROUND UTILITY LOCATIONS, CALL J.U.L.I.E. TOLL FREE TEL. 1-800-892-0123**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TRAFFIC SIGNAL REMOVAL PLAN WESTERN AVENUE AT MONEE ROAD

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 100'  
 DATE 5/17/2007

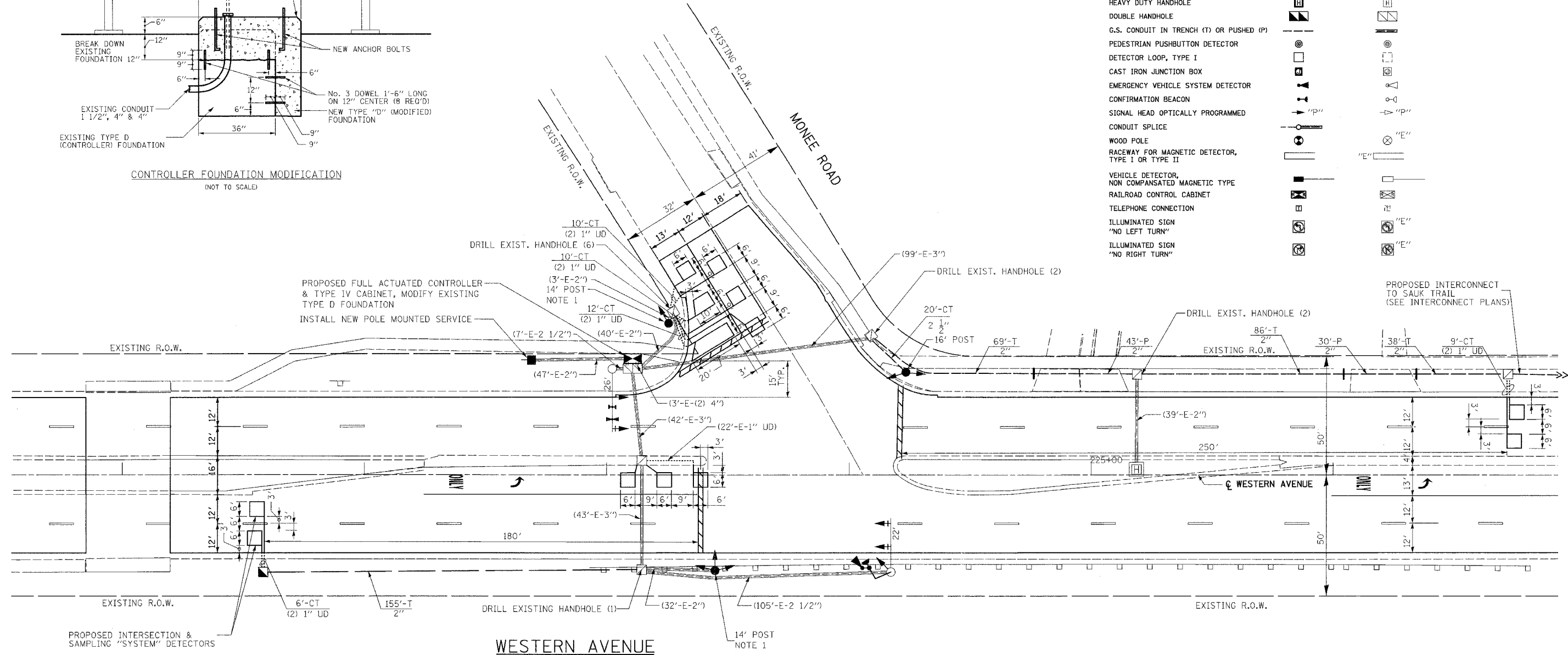
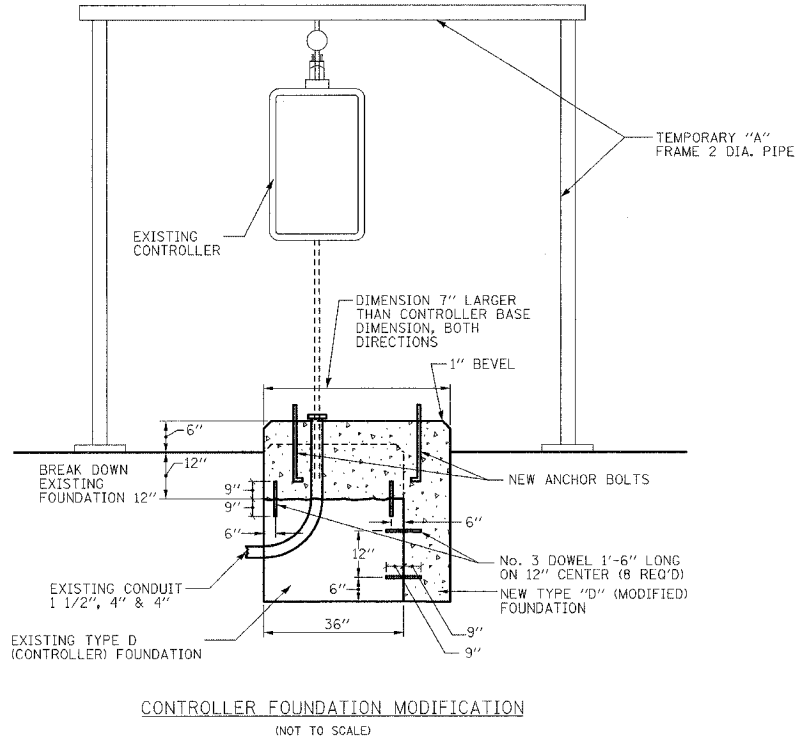
DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

PREPARED BY:  
**CEMCON, Ltd.**  
 Consulting Engineers, Land Surveyors & Planners  
 2880 Wilshire Blvd, Suite 100  
 Los Angeles, CA 90047  
 Ph: 650.862.2100 Fax: 650.862.2199  
 E-Mail: cef@cemcon.com Website: www.cemcon.com

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]
STEEL MAST ARM ASSEMBLY AND POLE	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	[Symbol]	[Symbol]
UNIT DUCT	UD	[Symbol]
COMMON TRENCH	CT	[Symbol]
HANDHOLE	[Symbol]	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	[Symbol]
DOUBLE HANDHOLE	[Symbol]	[Symbol]
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]	[Symbol]
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
DETECTOR LOOP, TYPE I	[Symbol]	[Symbol]
CAST IRON JUNCTION BOX	[Symbol]	[Symbol]
EMERGENCY VEHICLE SYSTEM DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
SIGNAL HEAD OPTICALLY PROGRAMMED	"P"	"P"
CONDUIT SPLICE	[Symbol]	[Symbol]
WOOD POLE	[Symbol]	[Symbol]
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]	"E"
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	[Symbol]	[Symbol]
RAILROAD CONTROL CABINET	[Symbol]	[Symbol]
TELEPHONE CONNECTION	[Symbol]	[Symbol]
ILLUMINATED SIGN "NO LEFT TURN"	[Symbol]	"E"
ILLUMINATED SIGN "NO RIGHT TURN"	[Symbol]	"E"

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	88
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 62742	



- NOTES:**
- DO NOT RE-INSTALL TRAFFIC SIGNAL POSTS. INSTALL NEW TRAFFIC SIGNAL POSTS & HEADS ON NEW OR EXISTING FOUNDATIONS AT ALL LOCATIONS. SEE PLAN FOR POST SIZE.
  - THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".
  - ALL TRAFFIC SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE)

**RESTORATION OF WORK AREA**

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL MODERNIZATION**  
**WESTERN AVENUE AT MONEE ROAD**

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 100'  
 DATE 5/17/2007

DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

**FOR UNDERGROUND UTILITY LOCATIONS, CALL J.U.L.I.E. TOLL FREE TEL. 1-800-892-0123**

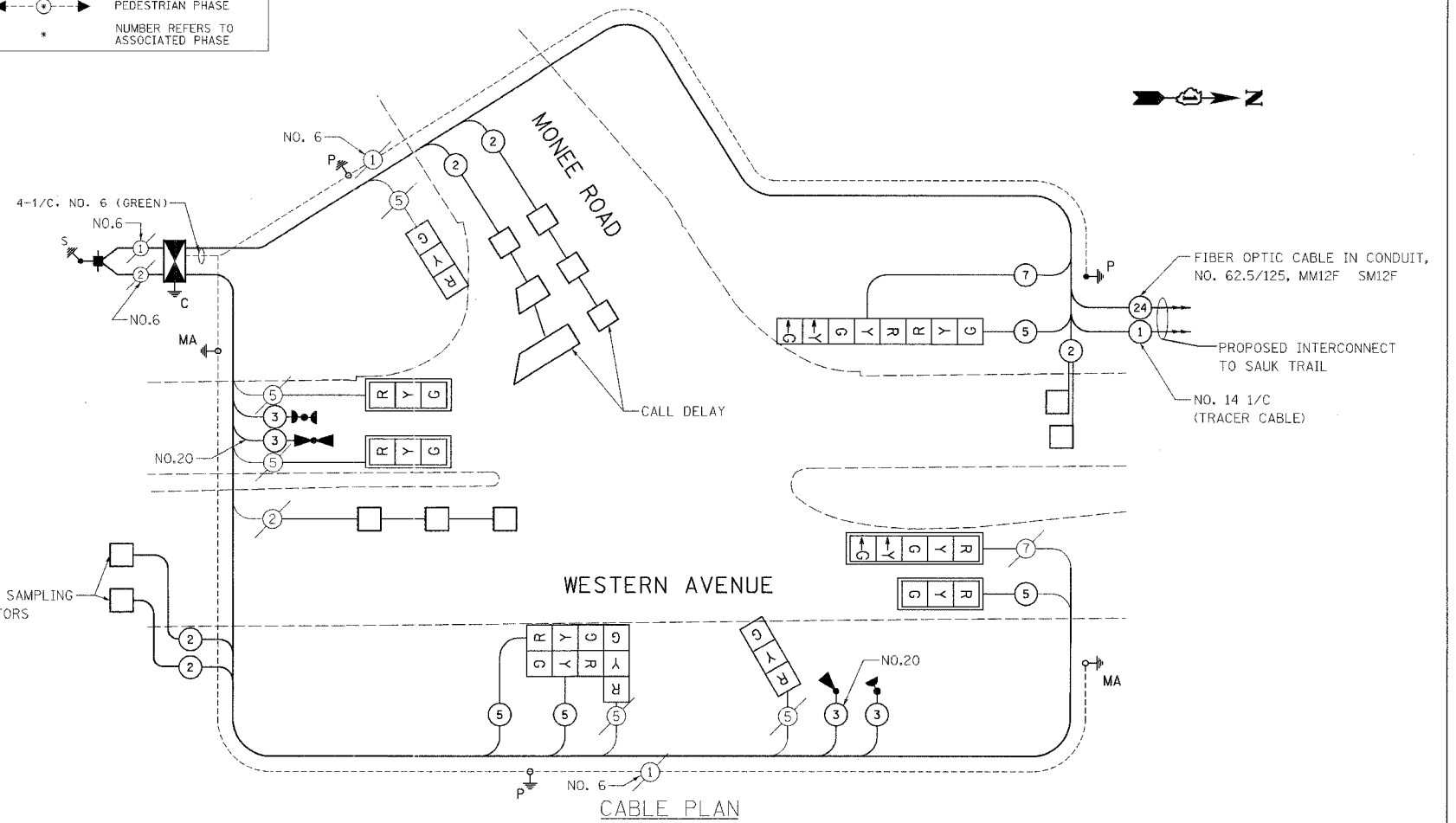
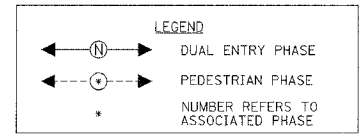
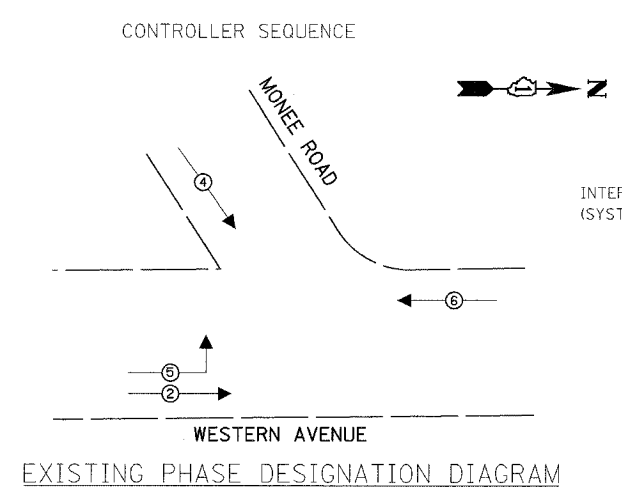
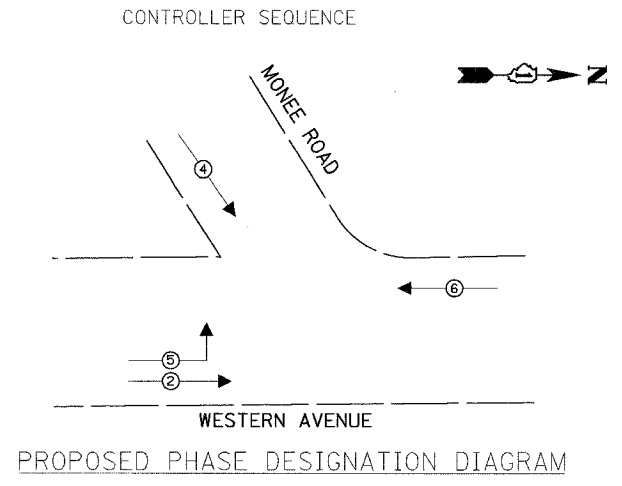
PLOT DATE = 5/18/2007  
 FILE NAME = J:\m\proj\3152WRS\tdgn\veh\22.S.Monee.dgn  
 PLOT SCALE = 1"=20'  
 USER NAME = JLA

PREPARED BY:  
**CEMCON, Ltd.**  
 Consulting Engineers, Architects & Planners  
 2280 Wilshire Blvd. Suite 100  
 Beverly Hills, California 90212  
 Phone: 310-206-1000 Fax: 310-206-1999  
 E-Mail: info@cemcon.com Website: www.cemcon.com

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	89
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 62742		

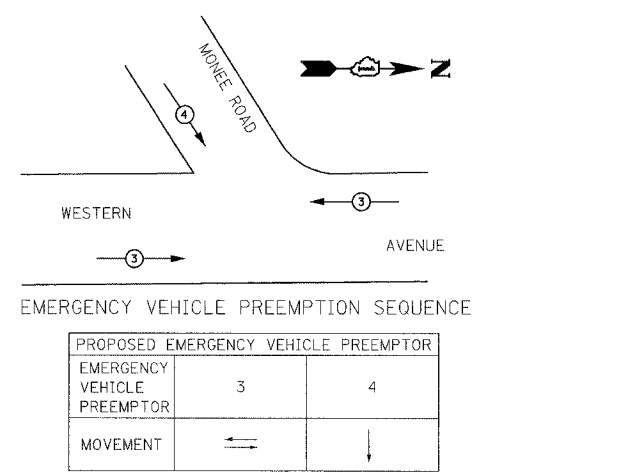
**CABLE PLAN LEGEND**

- |  |                 |  |                 |
|--|-----------------|--|-----------------|
|  | <b>EXISTING</b> |  | <b>PROPOSED</b> |
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**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	348
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	20
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	73
HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	409
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, (SPECIAL)	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	311
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	817
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	161
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	868
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	10
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	4
INDUCTIVE LOOP DETECTOR	EACH	6
DETECTOR LOOP, TYPE I	FOOT	457
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1134
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
SERVICE INSTALLATION, POLE MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED & SHIELDED	FOOT	315
UNINTERRUPTIBLE POWER SUPPLY	EACH	1



FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.0 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (3) POLE	20.0 (6.0)
E - M. ARM POLE	4 (1.2)	SIGNAL POST	0 (0.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	0 (0.0)	PED. PUSH-BUTTON	6 (2.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.3)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.3)	POST MOUNTED	13 (4.0)

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	11	135	17	0.50	93.5
(YELLOW)	11	135	25	0.25	68.75
(GREEN)	11	135	15	0.25	41.25
ARROW	4	135	12	0.10	4.8
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
<b>ENERGY COSTS TO:</b>					<b>TOTAL = 308.3</b>

VILLAGE OF PARK FOREST  
 330 VICTORY DRIVE  
 PARK FOREST, ILLINOIS 60466  
 CONTACT: **Jim Werner**  
 PHONE: **(708) 235-2694**  
 COMPANY: **Commonwealth Edison**

**NOTE:**  
 THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>CABLE PLAN,            PHASE DESIGNATION DIAGRAM            AND SCHEDULE OF QUANTITIES</b>  <b>WESTERN AVENUE AT MONEE ROAD</b>  SCALE: VERT. NONE HORIZ. 1"=20' DATE 5/17/2007  DRAWN BY JLA DESIGNED BY KK/BPT CHECKED BY JTL/BPT

PLOT DATE = 5/18/2007  
 FILE NAME = j:\werner\3520854.dgn\nh\3.C.Monee.dgn  
 USER = JLA



PREPARED BY:  
**CEMCON L4**  
 Consulting Engineers, Land Surveyors & Planners  
 2800 White Oak Circle, Suite 100  
 Peoria, IL 61615  
 P: 309.682.9199  
 F: 309.682.9199  
 E-Mail: info@cemcon.com Website: www.cemcon.com

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	90
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO.			62742	

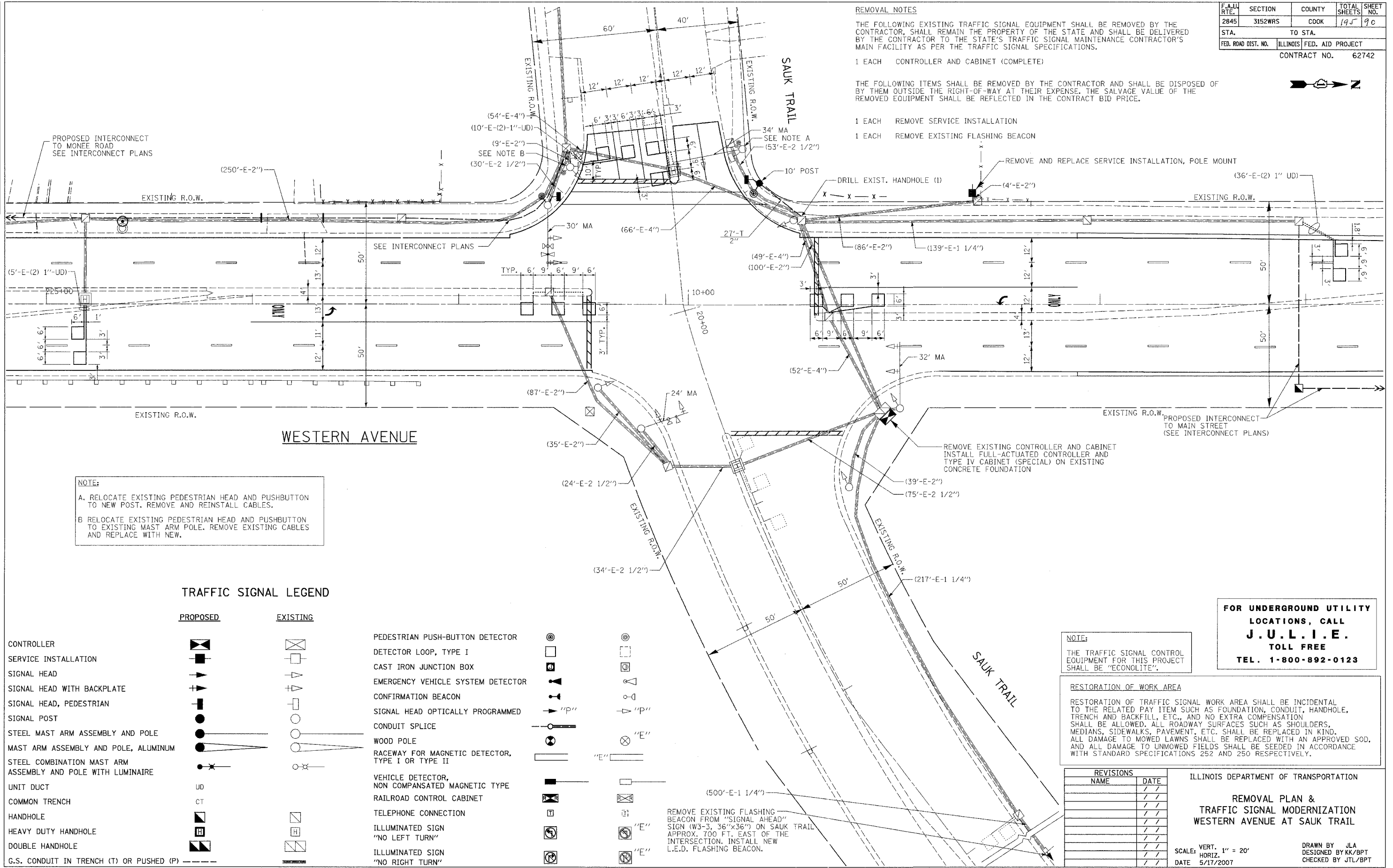
**REMOVAL NOTES**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

1 EACH CONTROLLER AND CABINET (COMPLETE)

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 REMOVE SERVICE INSTALLATION  
 1 EACH REMOVE EXISTING FLASHING BEACON



**NOTE:**

A. RELOCATE EXISTING PEDESTRIAN HEAD AND PUSHBUTTON TO NEW POST. REMOVE AND REINSTALL CABLES.

B. RELOCATE EXISTING PEDESTRIAN HEAD AND PUSHBUTTON TO EXISTING MAST ARM POLE. REMOVE EXISTING CABLES AND REPLACE WITH NEW.

**TRAFFIC SIGNAL LEGEND**

PROPOSED	EXISTING		
CONTROLLER		PEDESTRIAN PUSH-BUTTON DETECTOR	
SERVICE INSTALLATION		DETECTOR LOOP, TYPE I	
SIGNAL HEAD		CAST IRON JUNCTION BOX	
SIGNAL HEAD WITH BACKPLATE		EMERGENCY VEHICLE SYSTEM DETECTOR	
SIGNAL HEAD, PEDESTRIAN		CONFIRMATION BEACON	
SIGNAL POST		SIGNAL HEAD OPTICALLY PROGRAMMED	
STEEL MAST ARM ASSEMBLY AND POLE		CONDUIT SPLICE	
MAST ARM ASSEMBLY AND POLE, ALUMINUM		WOOD POLE	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	
UNIT DUCT	UD	VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	
COMMON TRENCH	CT	RAILROAD CONTROL CABINET	
HANDHOLE		TELEPHONE CONNECTION	
HEAVY DUTY HANDHOLE		ILLUMINATED SIGN "NO LEFT TURN"	
DOUBLE HANDHOLE		ILLUMINATED SIGN "NO RIGHT TURN"	
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)			

**NOTE:**

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

**FOR UNDERGROUND UTILITY LOCATIONS, CALL J.U.L.I.E. TOLL FREE TEL. 1-800-892-0123**

**RESTORATION OF WORK AREA**

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**REMOVAL PLAN & TRAFFIC SIGNAL MODERNIZATION WESTERN AVENUE AT SAUK TRAIL**

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 100'  
 DATE 5/17/2007

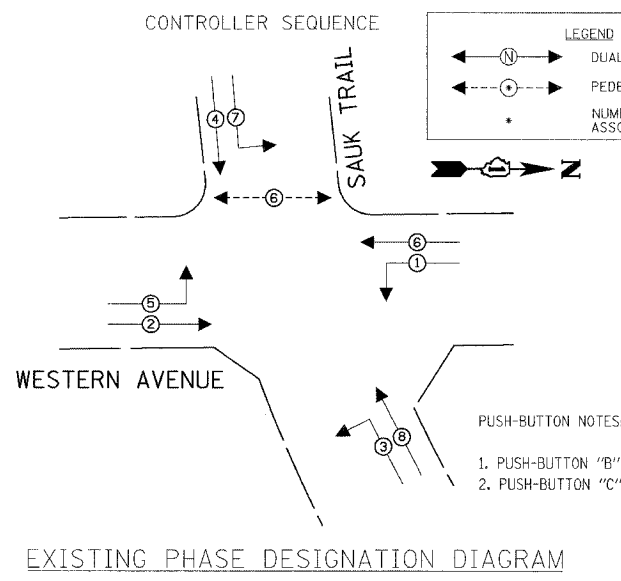
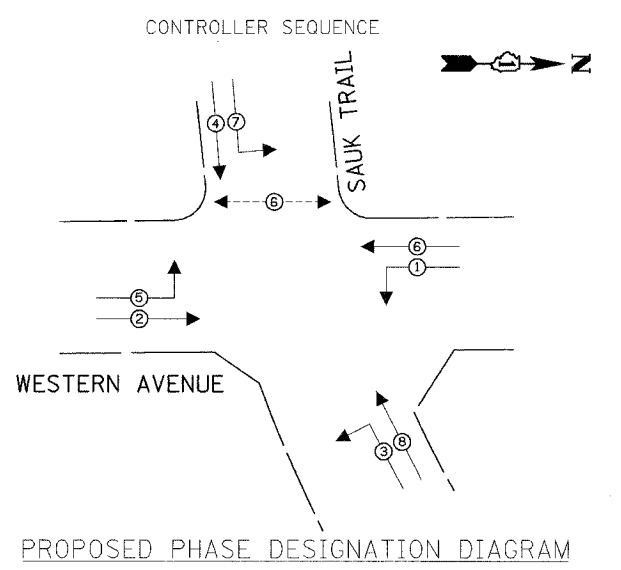
DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

DATE = 5/19/2007  
 PLOT SCALE = 1" = 20'  
 USER NAME = JLA

PREPARED BY:  
**CEMCON I/A**  
 Consulting Engineers, Land Surveyors & Planners  
 2280 White Oak Circle, Suite 100  
 Aurora, IL 60504-9675  
 Phone: (708) 650-1016  
 E-Mail: info@cemcon.com Website: www.cemcon.com

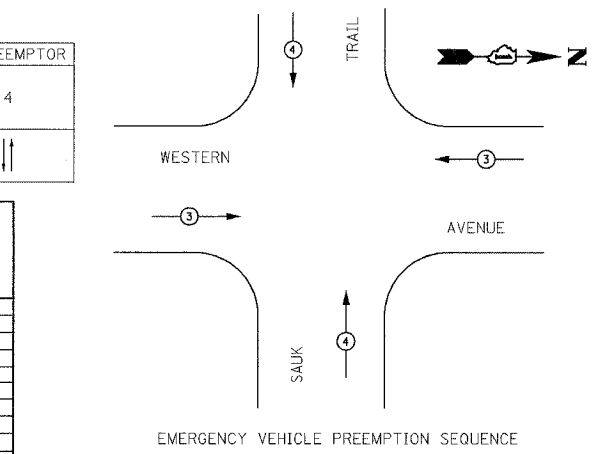
**CABLE PLAN LEGEND**

- |  |   |
|--|---|
|  | 8" (200mm) TRAFFIC SIGNAL SECTION   |
|  | 12" (300mm) TRAFFIC SIGNAL SECTION  |
|  | 12" (300mm) PEDESTRIAN SIGNAL SECTION   |
|  | CONTROLLER CABINET  |
|  | SERVICE INSTALLATION  |
|  | TELEPHONE CONNECTION  |
|  | MAGNETIC DETECTOR   |
|  | EMERGENCY VEHICLE LIGHT DETECTOR  |
|  | CONFIRMATION BEACON   |
|  | PUSH-BUTTON DETECTOR  |
|  | VEHICLE DETECTOR, INDUCTION LOOP  |
|  | DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED. |
|  | GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)  |
|  | FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-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   |



**PROPOSED EMERGENCY VEHICLE PREEMPTOR**

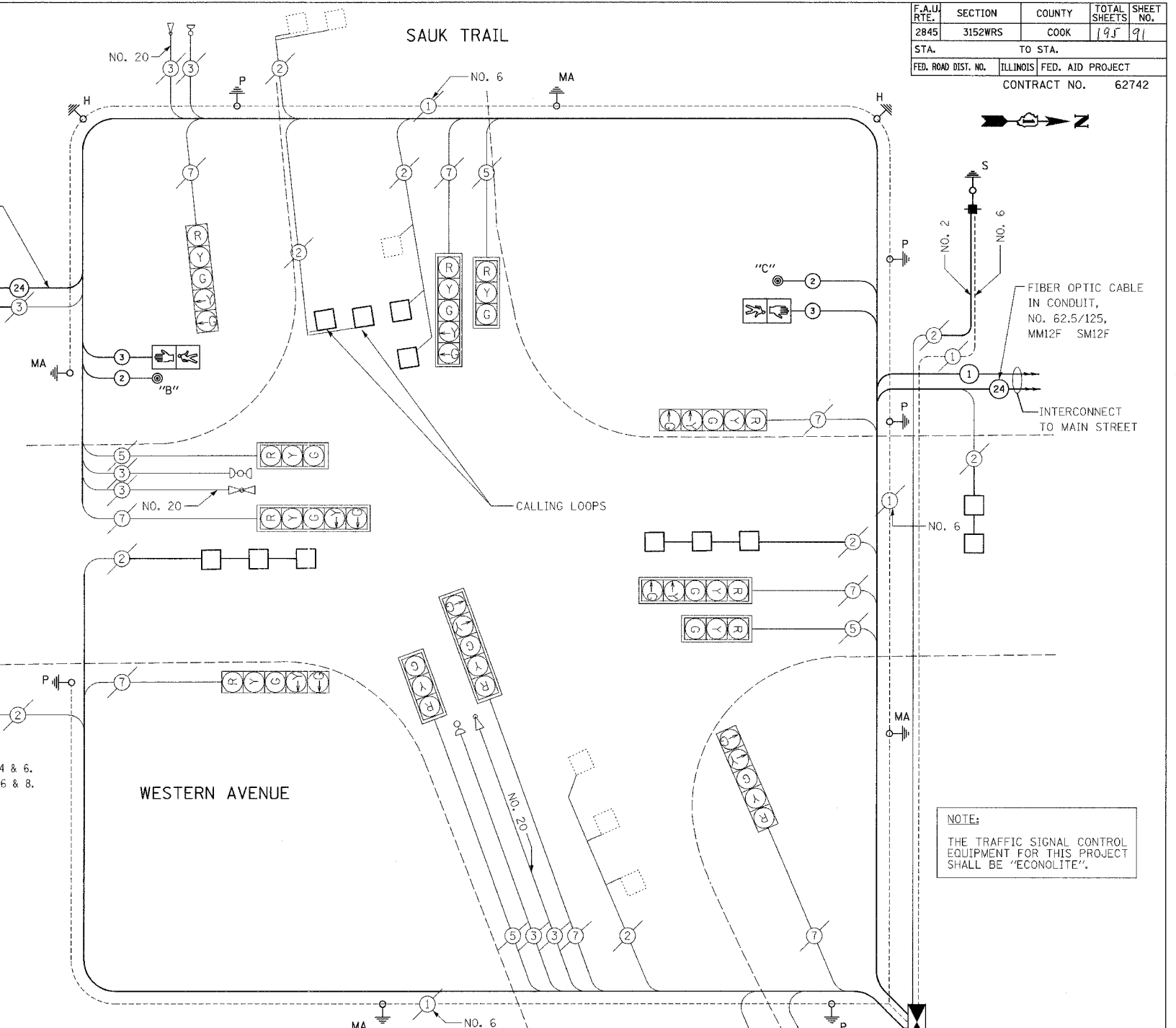
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	==	



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

TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	2	90	25	1.00	50
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER	1		25	0.50	12.5
<b>TOTAL =</b>					<b>403.7</b>

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.0 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20.0 (6.0)
E - M. ARM POLE		SIGNAL POST	0 (0.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	0 (0.0)	PED. PUSH-BUTTON	6 (2.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	13 (4.0)



**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	27
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, (SPECIAL)	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	290
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	306
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE I	FOOT	453
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	553
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION, POLE MOUNTED	EACH	1
FLASHING BEACON AND FLASHER CONTROLLER	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES**

**WESTERN AVENUE AT SAUK TRAIL**

SCALE: VERT. NONE  
 HORIZ. 1"=40'  
 DATE 5/17/2007

DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

PLOT DATE = 5/18/2007  
 PLOT SCALE = 1"=40'  
 USER NAME = JLA

PREPARED BY:  
**CEMCON, Ltd.**  
 Consulting Engineers, Land Surveyors & Planners  
 2800 White Oak Circle, Suite 100  
 Naperville, IL 60563  
 Tel: 630.682.2100 Fax: 630.682.2199  
 E-Mail: [office@cemcon.com](mailto:office@cemcon.com) Website: [www.cemcon.com](http://www.cemcon.com)

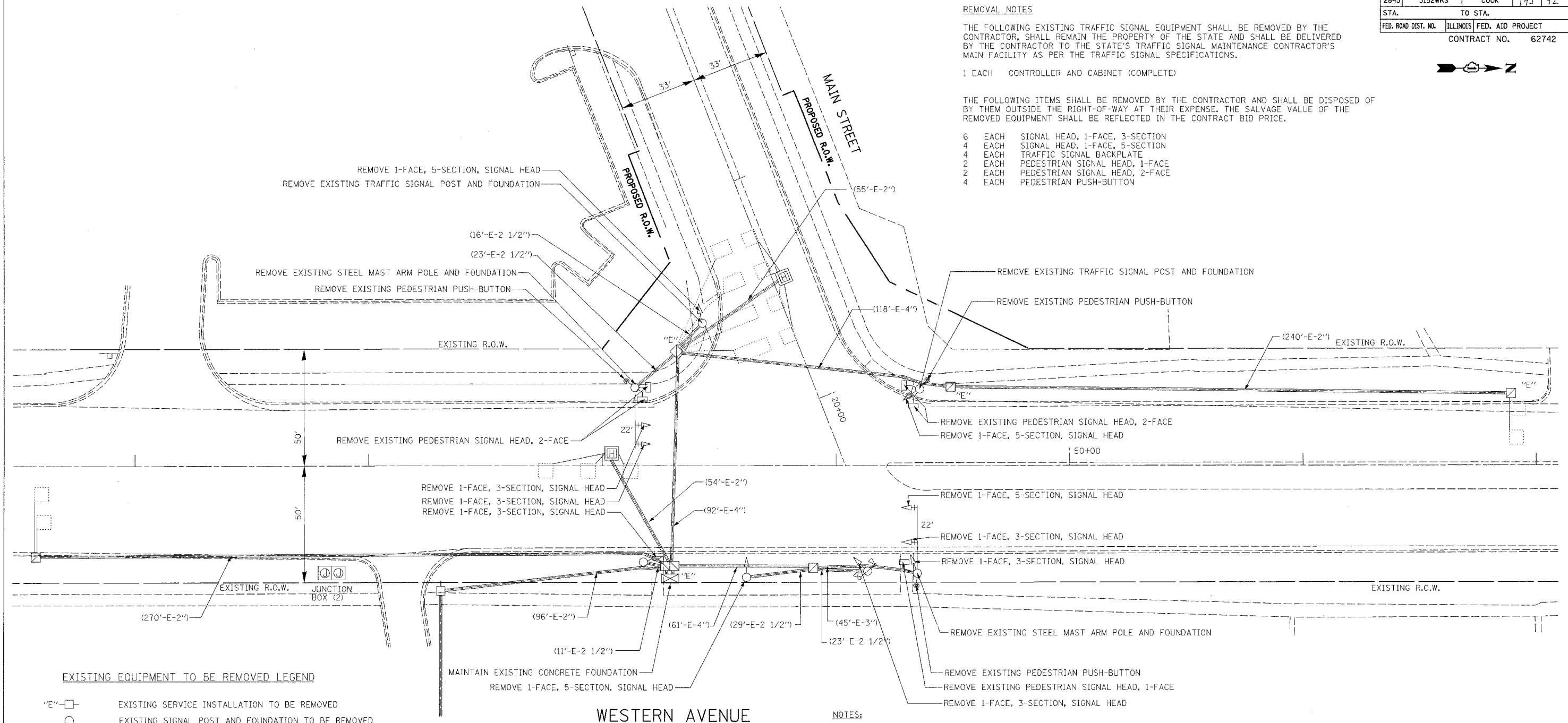
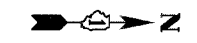
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	92
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO.	62742

**REMOVAL NOTES**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

1 EACH CONTROLLER AND CABINET (COMPLETE)

- 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.
- 6 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
  - 4 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
  - 4 EACH TRAFFIC SIGNAL BACKPLATE
  - 2 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE
  - 2 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
  - 4 EACH PEDESTRIAN PUSH-BUTTON



**EXISTING EQUIPMENT TO BE REMOVED LEGEND**

- "E" □ EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊖ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- "E" ⊗ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- "E" ⊠ EXISTING HANDHOLE TO BE REMOVED
- "E" ⊡ EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- ⊙ EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ⊕ EXISTING PEDESTRIAN PUSH-BUTTON TO BE REMOVED
- ⊖ EXISTING PRIORITY VEHICLE DETECTOR TO BE REMOVED
- ⊖ EXISTING CONFIRMATION BEACON TO BE REMOVED
- ⊖ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊖ EXISTING TRAFFIC SIGNAL HEAD WITH BACKPLATE TO BE REMOVED
- ⊖ EXISTING TRAFFIC SIGNAL HEAD TO BE REMOVED

**WESTERN AVENUE**

**NOTES:**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND RELOCATED TO PROPOSED LOCATIONS AS INDICATED ON PROPOSED TRAFFIC SIGNAL PLANS ON SHEET 9

2 EACH RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE

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

**FOR UNDERGROUND UTILITY LOCATIONS, CALL J.U.L.I.E. TOLL FREE TEL. 1-800-892-0123**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL REMOVAL PLAN**  
**WESTERN AVENUE AT**  
**MAIN STREET**

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE 5/17/2007

DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

PLOT DATE = 5/18/2007  
 FILE = 3152WRS\3152WRS\3152WRS.dwg  
 PLOT SCALE = 1"=20'  
 USER NAME = JLA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	93
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO.			62742	

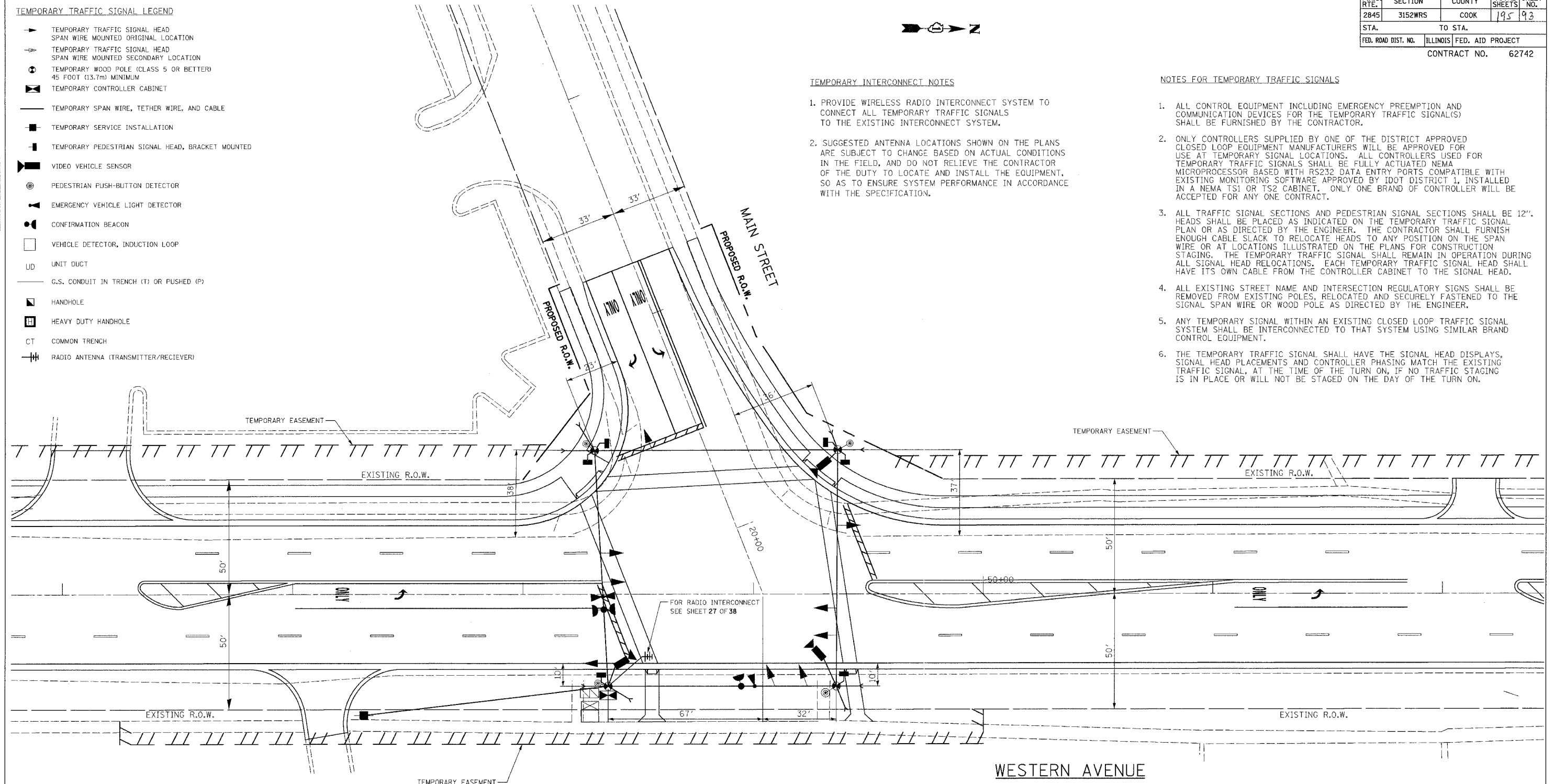
- TEMPORARY TRAFFIC SIGNAL LEGEND**
- ▶ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
  - ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
  - ⊙ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
  - ⊠ TEMPORARY CONTROLLER CABINET
  - TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
  - TEMPORARY SERVICE INSTALLATION
  - ⊞ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
  - ▶ VIDEO VEHICLE SENSOR
  - ⊙ PEDESTRIAN PUSH-BUTTON DETECTOR
  - ▶ EMERGENCY VEHICLE LIGHT DETECTOR
  - ⊙ CONFIRMATION BEACON
  - VEHICLE DETECTOR, INDUCTION LOOP
  - UD UNIT DUCT
  - G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
  - HANDHOLE
  - HEAVY DUTY HANDHOLE
  - CT COMMON TRENCH
  - ⊞ RADIO ANTENNA (TRANSMITTER/RECEIVER)

**TEMPORARY INTERCONNECT NOTES**

1. PROVIDE WIRELESS RADIO INTERCONNECT SYSTEM TO CONNECT ALL TEMPORARY TRAFFIC SIGNALS TO THE EXISTING INTERCONNECT SYSTEM.
2. SUGGESTED ANTENNA LOCATIONS SHOWN ON THE PLANS ARE SUBJECT TO CHANGE BASED ON ACTUAL CONDITIONS IN THE FIELD, AND DO NOT RELIEVE THE CONTRACTOR OF THE DUTY TO LOCATE AND INSTALL THE EQUIPMENT, SO AS TO ENSURE SYSTEM PERFORMANCE IN ACCORDANCE WITH THE SPECIFICATION.

**NOTES FOR TEMPORARY TRAFFIC SIGNALS**

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PREEMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. 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.
3. 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.
4. 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.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. 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.



- NOTES:**
1. THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".
  2. ALL TRAFFIC SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE).

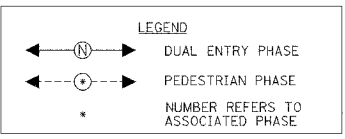
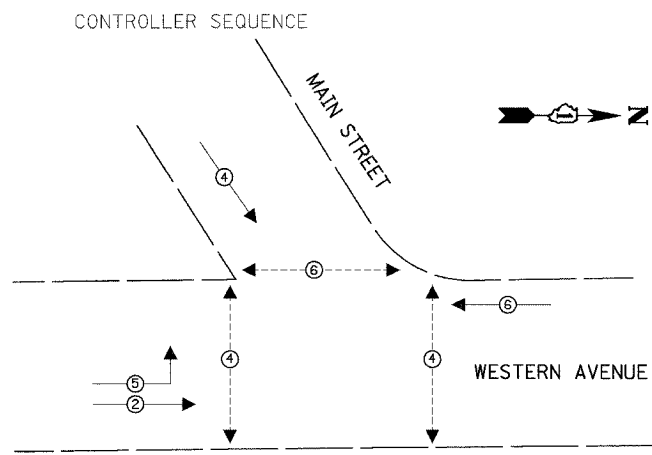
**RESTORATION OF WORK AREA**

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

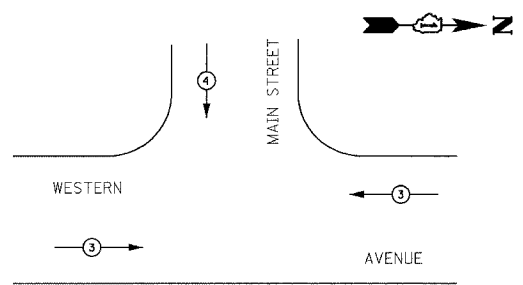
**FOR UNDERGROUND UTILITY LOCATIONS, CALL J.U.L.I.E. TOLL FREE TEL. 1-800-892-0123**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center"><b>TEMPORARY TRAFFIC SIGNAL INSTALLATION</b>  <b>WESTERN AVENUE AT MAIN STREET</b></p> <p>SCALE: VERT. 1" = 20'            HORIZ. 1" = 20'            DATE 5/17/2007</p> <p>DRAWN BY JLA            DESIGNED BY KK/BPT            CHECKED BY JTL/BPT</p>

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	94
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO.	62742	



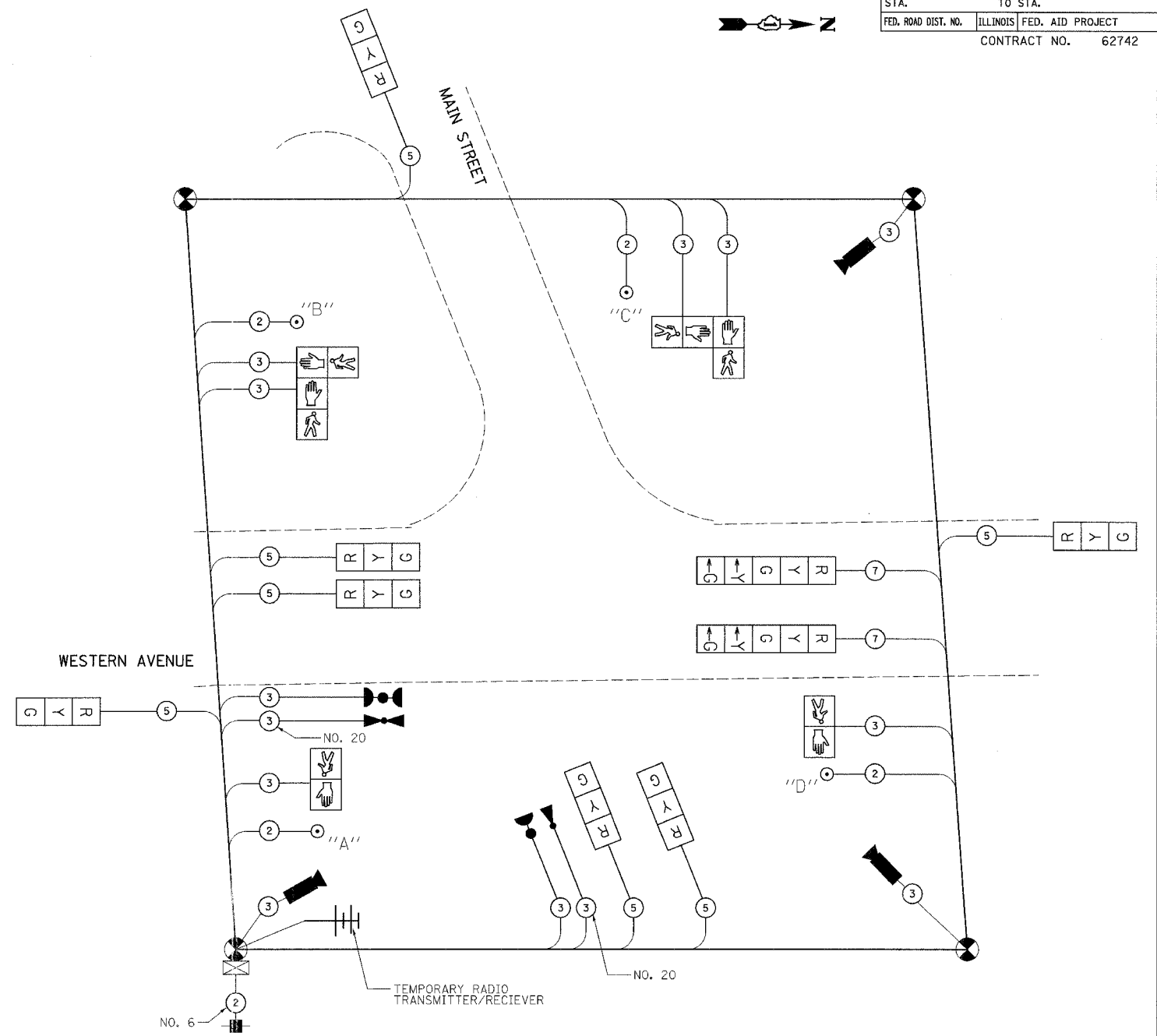
PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↓

TEMPORARY CABLE DIAGRAM 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
- PEDESTRIAN PUSH-BUTTON DETECTOR
- VEHICLE DETECTOR, INDUCTION LOOP
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- VIDEO VEHICLE SENSOR
- RADIO ANTENNA (TRANSMITTER/RECEIVER)
- TEMPORARY WOOD POLE



TEMPORARY CABLE PLAN

- NOTES:
- PUSH-BUTTON "A" SHALL PLACE B CALL TO PHASES 4 AND 6.
  - PUSH-BUTTON "B" SHALL PLACE C CALL TO PHASES 4 AND 6.

- NOTES:
- CABLES FOR VIDEO DETECTION AND RADIO ANTENNAS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MANUFACTURERS OF THE EQUIPMENT.
  - THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM**

**WESTERN AVENUE AT MAIN STREET**

SCALE: VERT. NONE  
 HORIZ. 1" = 40'  
 DATE 5/17/2007

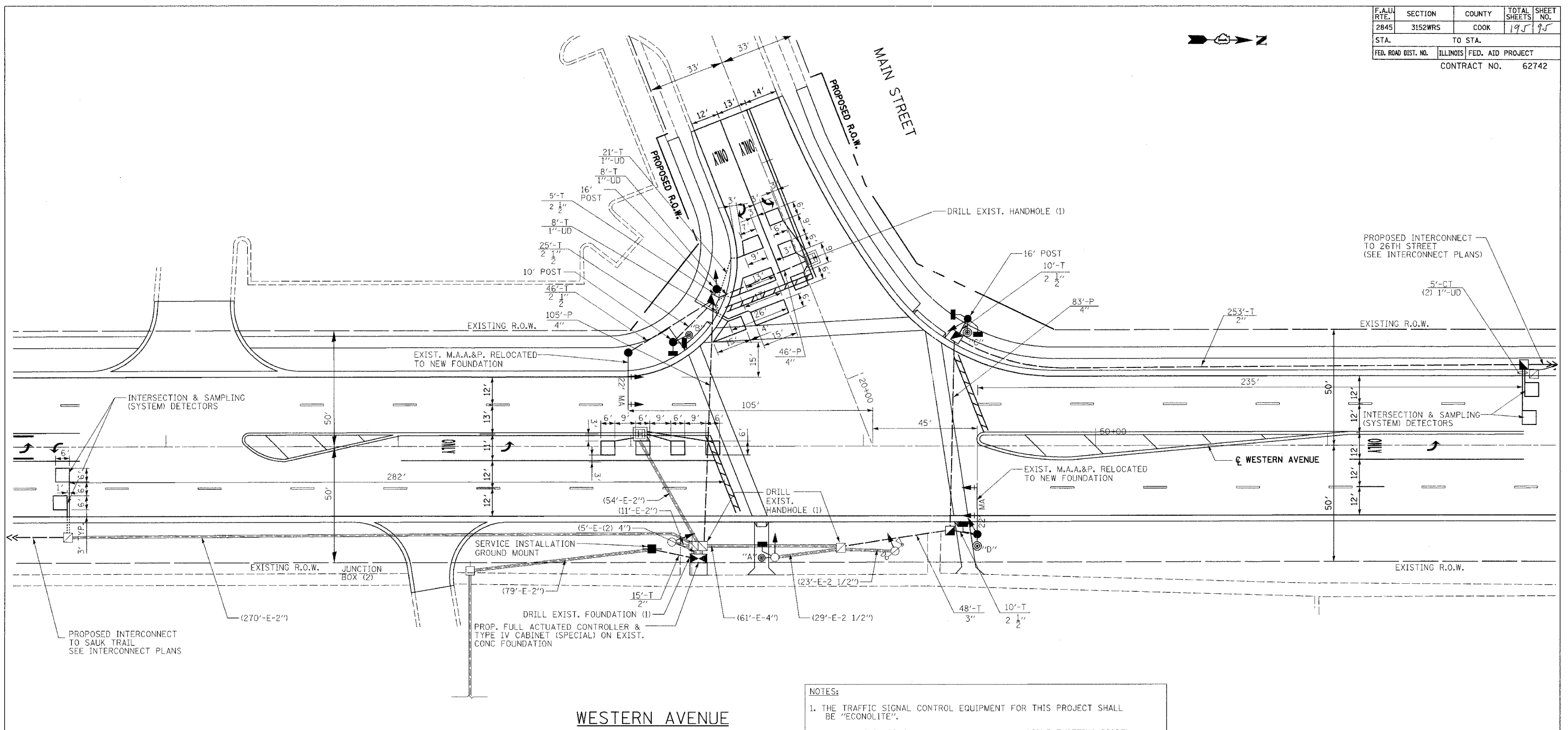
DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	9	135	17	0.50	76.5
(YELLOW)	9	135	25	0.25	56.3
(GREEN)	9	135	15	0.25	33.8
ARROW	4	135	12	0.10	4.8
PED. SIGNAL	6	90	25	1.00	150
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
ENERGY COSTS TO: 1/3 TO IDOT					TOTAL = 421.4
2/3 TO VILLAGE OF PARK FOREST					
330 VICTORY DRIVE					
PARK FOREST, ILLINOIS 60466					
CONTACT: Jim Werner					
PHONE: (708) 235-2694					
COMPANY: Commonwealth Edison					

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.0 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20.0 (6.0)
E - M. ARM POLE		SIGNAL POST	0 (0.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	0 (0.0)	PED. PUSH-BUTTON	6 (2.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	13 (4.0)

PREPARED BY:  
**CEMCON, Ltd.**  
 Consulting Engineers, Land Surveyors & Planners  
 2280 White Oak Circle, Suite 100  
 Naperville, IL 60563  
 Phone: 630.882.2100 Fax: 630.882.2199  
 E-Mail: cadd@cemcon.com Website: www.cemcon.com

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	95
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO.			62742	



**TRAFFIC SIGNAL LEGEND**

PROPOSED	EXISTING	PROPOSED	EXISTING
CONTROLLER	[Symbol]	PEDESTRIAN PUSH-BUTTON DETECTOR	[Symbol]
SERVICE INSTALLATION	[Symbol]	DETECTOR LOOP, TYPE I	[Symbol]
SIGNAL HEAD	[Symbol]	CAST IRON JUNCTION BOX	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	EMERGENCY VEHICLE SYSTEM DETECTOR	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	CONFIRMATION BEACON	[Symbol]
SIGNAL POST	[Symbol]	SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]
STEEL MAST ARM ASSEMBLY AND POLE	[Symbol]	CONDUIT SPLICE	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	WOOD POLE	[Symbol]
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	[Symbol]	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]
UNIT DUCT	UD	VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	[Symbol]
COMMON TRENCH	CT	RAILROAD CONTROL CABINET	[Symbol]
HANDHOLE	[Symbol]	TELEPHONE CONNECTION	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	ILLUMINATED SIGN "NO LEFT TURN"	[Symbol]
DOUBLE HANDHOLE	[Symbol]	ILLUMINATED SIGN "NO RIGHT TURN"	[Symbol]
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]		

- NOTES:**
1. THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".
  2. ALL TRAFFIC SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE)
  3. ALL MAST ARM ASSEMBLIES & POLES TO BE REMOVED AND REINSTALLED SHALL BE DISASSEMBLED, REMOVED FROM THE SITE, AND STORED AND PROTECTED BY THE CONTRACTOR UNTIL REINSTALLED. ANY ITEMS DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE.
  4. RELOCATE EXISTING MAST ARM MOUNTED STREET NAME SIGNS TO NEW LOCATIONS.
  5. THE CONTRACTOR SHALL FIELD VERIFY EXISTING MAST ARMS (TO BE INSTALLED) FOR LENGTHS AS INDICATED ON THE PLANS, BASE PLATE THICKNESS, BOLT CIRCLE SIZE, ETC. EXISTING MAST ARMS LENGTHS MUST AGREE WITH THE PLANS, WITHIN REASON. MAST ARMS TOO SHORT TO PROPERLY DISPLAY SIGNAL HEADS WILL NOT BE ACCEPTABLE.

**RESTORATION OF WORK AREA**

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

**FOR UNDERGROUND UTILITY LOCATIONS, CALL J.U.L.I.E. TOLL FREE TEL. 1-800-892-0123**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PROPOSED TRAFFIC SIGNAL MODERNIZATION WESTERN AVENUE AT MAIN STREET**

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 100'  
 DATE 5/17/2007

DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

PLOT DATE = 5/19/2007  
 PLOT SCALE = 1"=20'  
 USER NAME = JLA

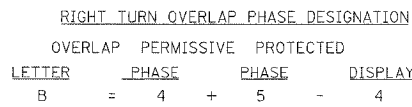
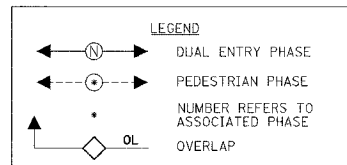
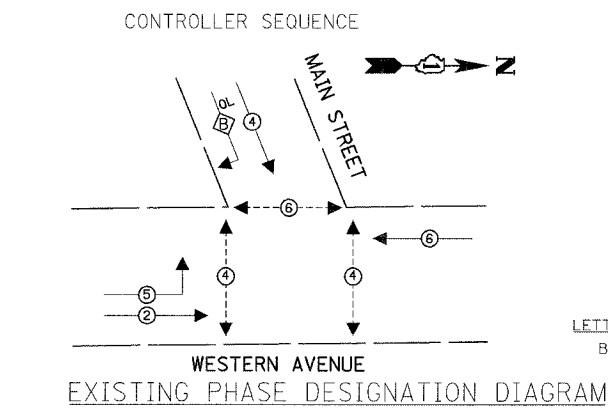
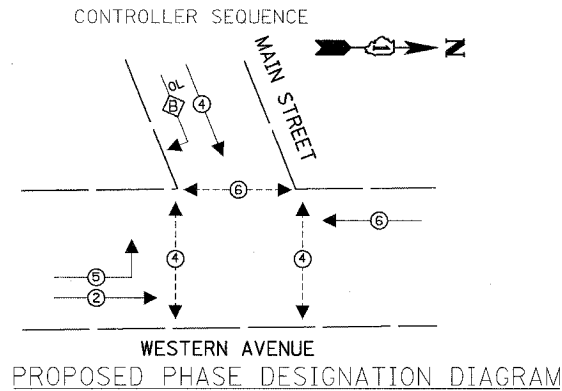
PREPARED BY:  
**CEMCON, Ltd.**  
 Consulting Engineers, Land Surveyors & Planners  
 2800 White Oak Circle, Suite 100  
 Naperville, IL 60563-1000  
 Phone: 630-682-2100  
 Fax: 630-682-2100  
 E-Mail: ccm@cemcon.com Website: www.cemcon.com

**CABLE PLAN LEGEND**

EXISTING	PROPOSED	DESCRIPTION
		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
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSH-BUTTON DETECTOR
		VEHICLE DETECTOR, INDUCTION LOOP
		DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
		GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
		FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-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 (HH), OR CONTROLLER (C)
		GROUND ROD AT POST (P), OR MAST ARM POLE (MA)
		GROUND ROD AT ELECTRIC SERVICE INSTALLATION

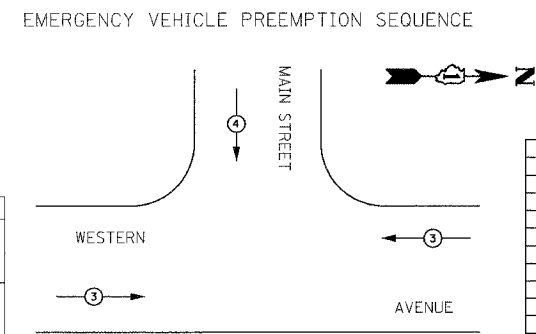
**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
RELOCATE SIGN PANEL, TYPE 1	SO FT	18
RELOCATE SIGN PANEL, TYPE 2	SO FT	25
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	268
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	96
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	48
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	188
HANDHOLE	EACH	3
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	449
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL) TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	690
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1449
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	782
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	725
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1486
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	18
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
CONCRETE FOUNDATION, TYPE A	FOOT	8
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
DRILL EXISTING HANDHOLE	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	4
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	FOOT	538
PEDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4200
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
SERVICE INSTALLATION, GROUND MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6, 1C	FOOT	402
RELOCATE LIGHT DETECTOR	EACH	2
ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED & SHIELDED	FOOT	297
UNINTERRUPTIBLE POWER SUPPLY	EACH	1

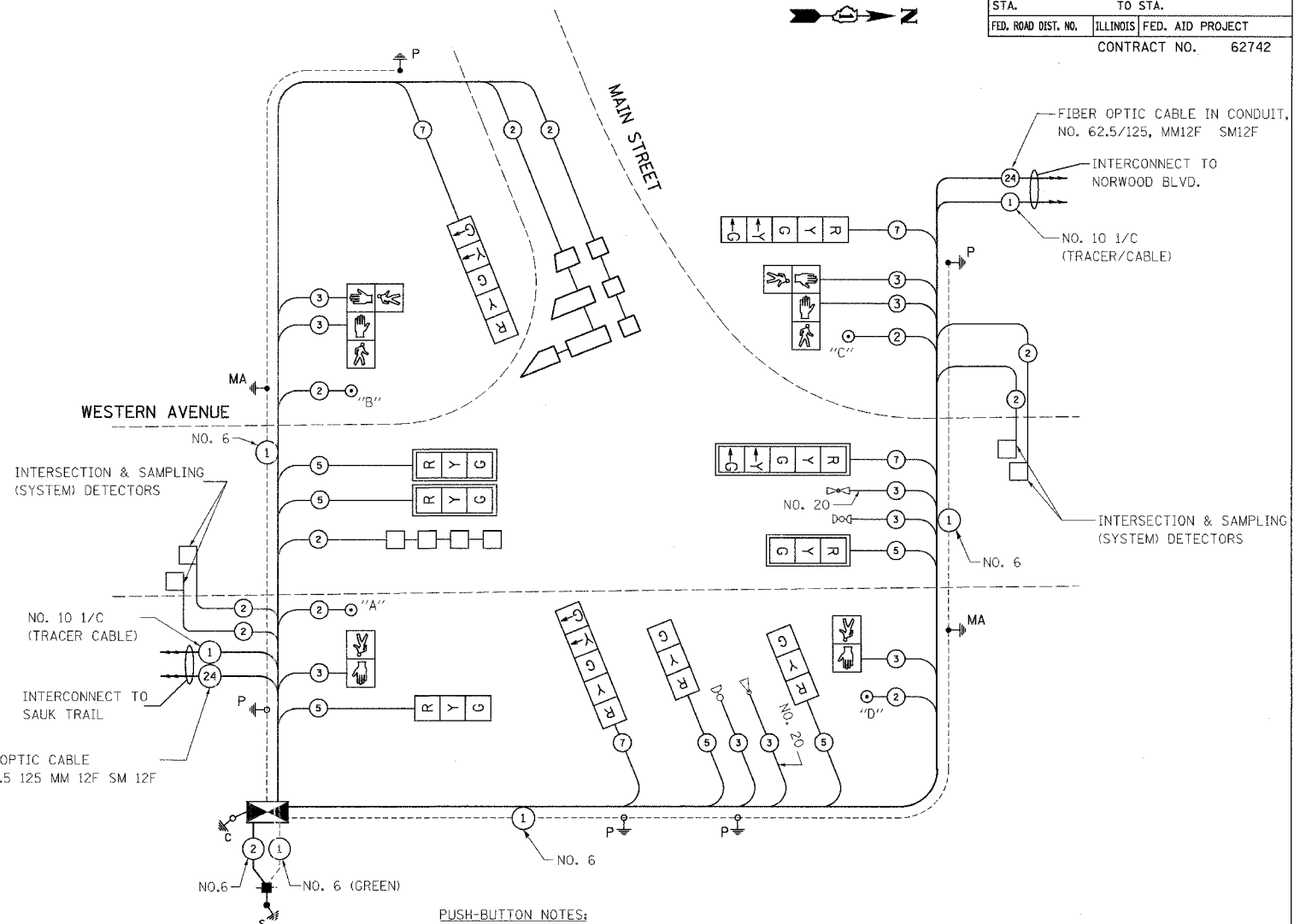


PROPOSED EMERGENCY VEHICLE PREEMPTOR

MOVEMENT	EMERGENCY VEHICLE PREEMPTOR	EMERGENCY VEHICLE PREEMPTOR
WESTERN	3	4
AVENUE		



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	96
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO.			62742	



- PUSH-BUTTON NOTES:
1. PUSH-BUTTON "B" SHALL PLACE A CALL TO PHASES 4 AND 6.
  2. PUSH-BUTTON "C" SHALL PLACE A CALL TO PHASES 4 AND 6.

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

TYPE	NO. LAMPS	WATTAGE (INCAND.)	WATTAGE (LED)	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	10	135	17	0.50	85
(YELLOW)	10	135	25	0.25	62.5
(GREEN)	10	135	15	0.25	37.5
ARROW	8	135	12	0.10	9.6
PED. SIGNAL	6	90	25	1.00	150
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
TOTAL =					444.6

ENERGY COSTS TO: 1/3 TO IDOT  
 2/3 TO VILLAGE OF PARK FOREST  
 330 VICTORY DRIVE  
 PARK FOREST, ILLINOIS 60466  
 CONTACT: Jim Werner  
 PHONE: (708) 235-2694  
 COMPANY: Commonwealth Edison

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.0 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20.0 (6.0)
E - M. ARM POLE		SIGNAL POST	0 (0.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	0 (0.0)	PED. PUSH-BUTTON	6 (2.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	13 (4.0)

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES**  
 WESTERN AVENUE AT MAIN STREET

REVISIONS	NAME	DATE

SCALE: VERT. NONE  
 HORIZ. NONE  
 DATE 5/17/2007

DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

PLOT DATE = 5/19/2007  
 PLOT SCALE = 1"=20'  
 USER NAME = JLA



PREPARED BY:  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	97
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO.	62742

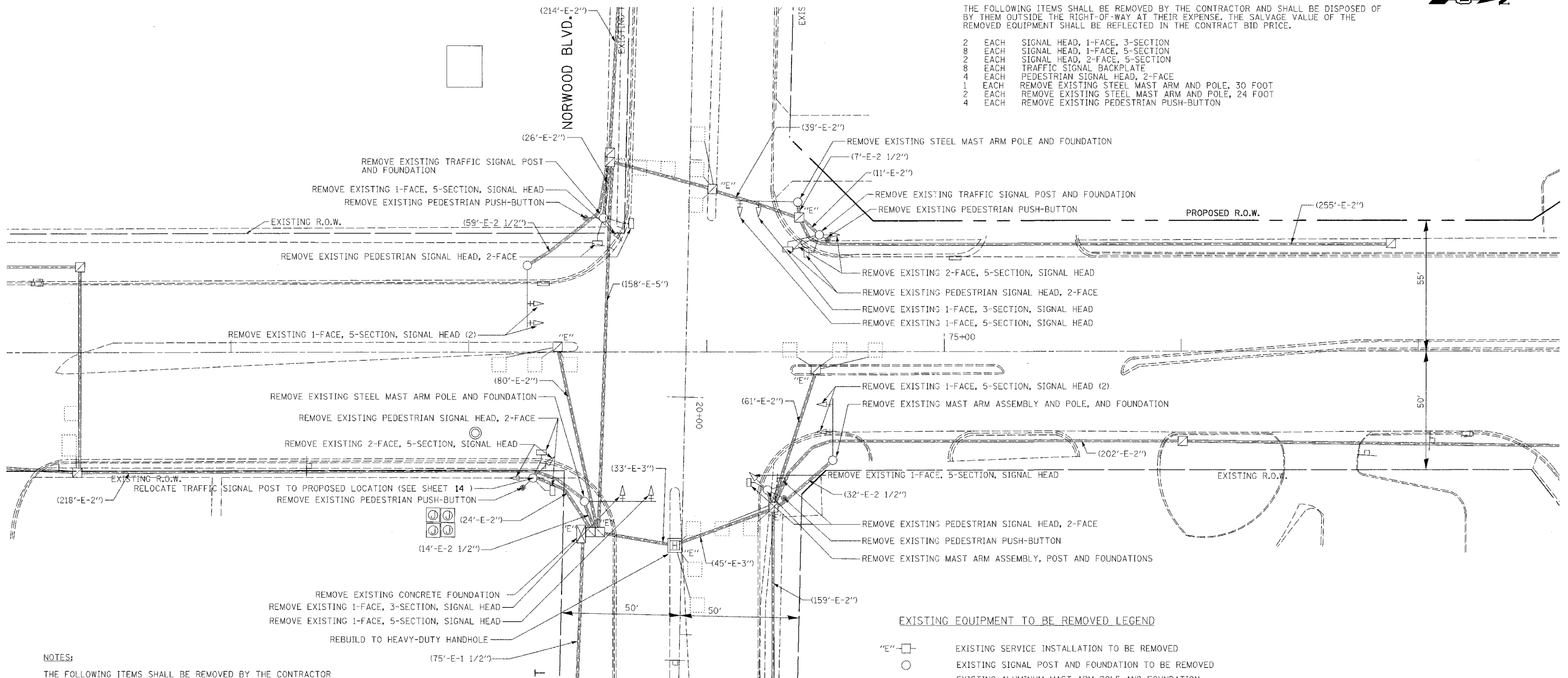
**REMOVAL NOTES**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)

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.

- 2 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 8 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 2 EACH SIGNAL HEAD, 2-FACE, 5-SECTION
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 4 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
- 1 EACH REMOVE EXISTING STEEL MAST ARM AND POLE, 30 FOOT
- 2 EACH REMOVE EXISTING STEEL MAST ARM AND POLE, 24 FOOT
- 4 EACH REMOVE EXISTING PEDESTRIAN PUSH-BUTTON



**NOTES:**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND RELOCATED TO PROPOSED LOCATIONS AS INDICATED ON PROPOSED TRAFFIC SIGNAL PLANS ON SHEET :

- 1 EACH RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE
- 4 EACH RELOCATE EXISTING TRAFFIC SIGNAL POST

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

**EXISTING EQUIPMENT TO BE REMOVED LEGEND**

- "E" - [Symbol] EXISTING SERVICE INSTALLATION TO BE REMOVED
- [Symbol] EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- [Symbol] EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- "E" - [Symbol] EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- "E" - [Symbol] EXISTING HANDHOLE TO BE REMOVED
- "E" - [Symbol] EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- [Symbol] EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- [Symbol] EXISTING PEDESTRIAN PUSH-BUTTON TO BE REMOVED
- [Symbol] PRIORITY VEHICLE DETECTOR TO BE REMOVED
- [Symbol] CONFIRMATION BEACON TO BE REMOVED
- [Symbol] EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- [Symbol] EXISTING TRAFFIC SIGNAL HEAD WITH BACKPLATE TO BE REMOVED
- [Symbol] EXISTING TRAFFIC SIGNAL HEAD TO BE REMOVED

**FOR UNDERGROUND UTILITY LOCATIONS, CALL J.U.L.I.E. TOLL FREE TEL. 1-800-892-0123**

REVISIONS	
NAME	DATE

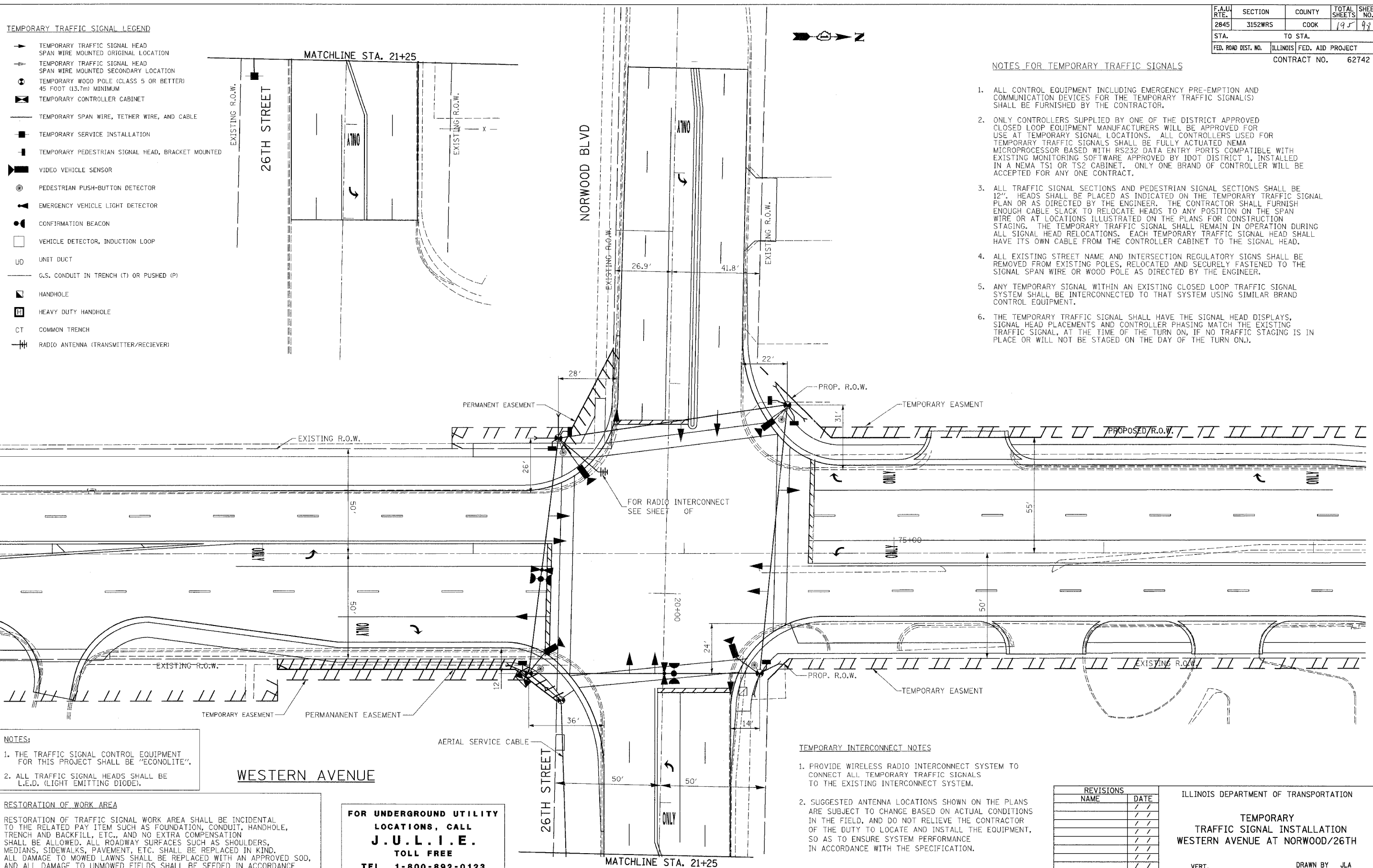
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC SIGNAL REMOVAL PLAN**  
**WESTERN AVENUE AT**  
**NORWOOD BLVD / 26TH STREET**  
 SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 50'  
 DATE 5/17/2007  
 DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

PLOT DATE = 5/18/2007  
 PLOT SCALE = 1"=20'  
 USER NAME = JLA

PREPARED BY:  
**CEMCON, Ltd.**  
 Consulting Engineers, Land Surveyors & Planners  
 2880 White Oak Circle, Suite 100  
 Naperville, IL 60563-2005  
 Phone: 630.462.2100 Fax: 630.462.2199  
 E-Mail: cec@cemcon.com Website: www.cemcon.com

**TEMPORARY TRAFFIC SIGNAL LEGEND**

- ▶ 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
- ▶ VIDEO VEHICLE SENSOR
- ⊙ PEDESTRIAN PUSH-BUTTON DETECTOR
- ▶ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊙ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- ▶ HANDHOLE
- ⊠ HEAVY DUTY HANDHOLE
- CT COMMON TRENCH
- ▶ RADIO ANTENNA (TRANSMITTER/RECEIVER)



**NOTES:**

1. THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".
2. ALL TRAFFIC SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE).

**RESTORATION OF WORK AREA**

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

**FOR UNDERGROUND UTILITY LOCATIONS, CALL J.U.L.I.E. TOLL FREE TEL. 1-800-892-0123**

**TEMPORARY INTERCONNECT NOTES**

1. PROVIDE WIRELESS RADIO INTERCONNECT SYSTEM TO CONNECT ALL TEMPORARY TRAFFIC SIGNALS TO THE EXISTING INTERCONNECT SYSTEM.
2. SUGGESTED ANTENNA LOCATIONS SHOWN ON THE PLANS ARE SUBJECT TO CHANGE BASED ON ACTUAL CONDITIONS IN THE FIELD, AND DO NOT RELIEVE THE CONTRACTOR OF THE DUTY TO LOCATE AND INSTALL THE EQUIPMENT, SO AS TO ENSURE SYSTEM PERFORMANCE IN ACCORDANCE WITH THE SPECIFICATION.

**NOTES FOR TEMPORARY TRAFFIC SIGNALS**

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. 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.
3. 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.
4. 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.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. 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.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	98
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO.	62742

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TEMPORARY TRAFFIC SIGNAL INSTALLATION**  
 WESTERN AVENUE AT NORWOOD/26TH

SCALE: VERT. 1" = 20'  
 HORIZ. 1" = 20'  
 DATE 5/17/2007

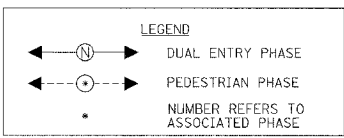
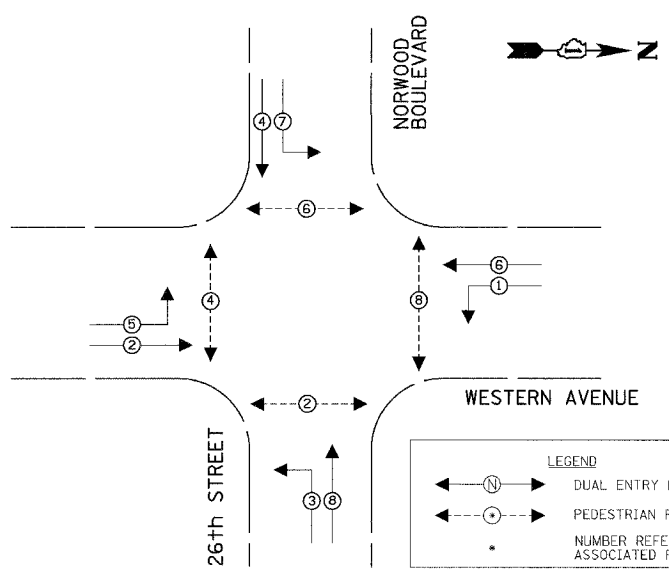
DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

PLOT DATE = 5/18/2007  
 PLOT SCALE = 1" = 20'  
 USER NAME = JLA

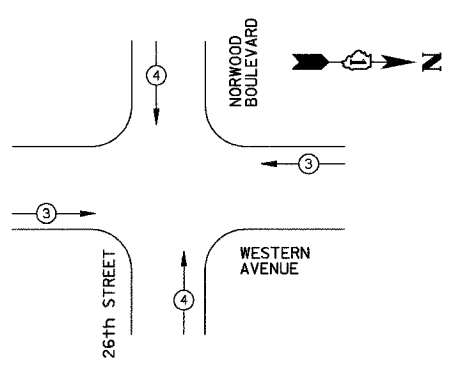
PREPARED BY:  
**CEMCON, Ltd.**  
 Consulting Engineers, Land Surveyors & Planners  
 2280 White Oak Circle, Suite 100  
 Naperville, IL 60563  
 Phone: 630-462-7000  
 Fax: 630-462-7001  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	99
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO.	62742

**CONTROLLER SEQUENCE**



**PHASE DESIGNATION DIAGRAM**



**PROPOSED EMERGENCY VEHICLE PREEMPTORS**

EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

**EMERGENCY VEHICLE PREEMPTION SEQUENCE**

**TEMPORARY CABLE DIAGRAM LEGEND**

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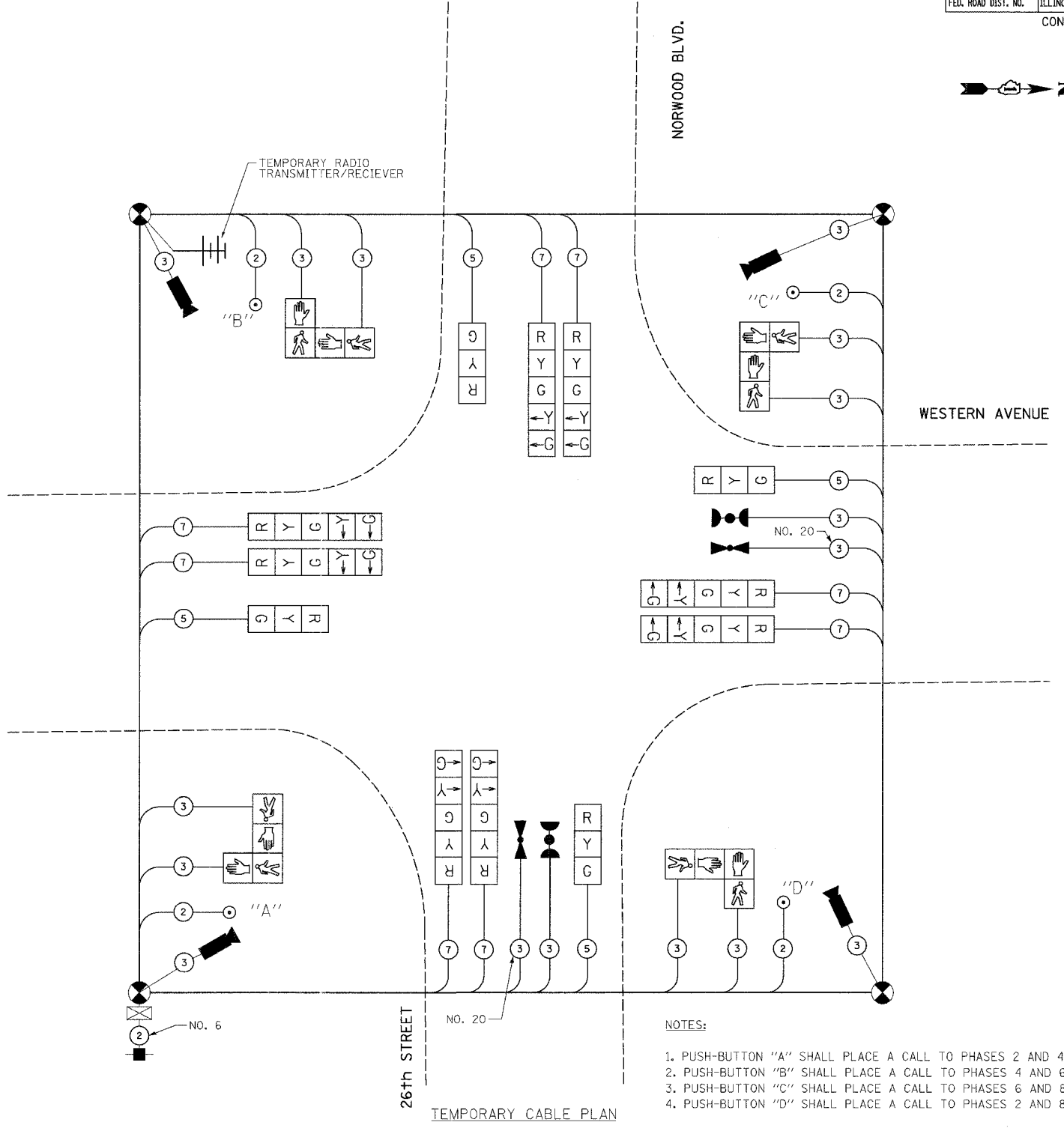
**I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
TOTAL =					541.2

ENERGY COSTS TO: 50% IDOT  
 50% VILLAGE OF PARK FOREST  
 330 VICTORY DRIVE  
 PARK FOREST, ILLINOIS 60466

ENERGY SUPPLY CONTACT: Jim Werner  
 PHONE: (708) 235-2694  
 COMPANY: Commonwealth Edison

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.0 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20.0 (6.0)
E - M. ARM POLE		SIGNAL POST	0 (0.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	0 (0.0)	PED. PUSH-BUTTON	6 (2.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	13 (4.0)



- NOTES:**
- PUSH-BUTTON "A" SHALL PLACE A CALL TO PHASES 2 AND 4.
  - PUSH-BUTTON "B" SHALL PLACE A CALL TO PHASES 4 AND 6.
  - PUSH-BUTTON "C" SHALL PLACE A CALL TO PHASES 6 AND 8.
  - PUSH-BUTTON "D" SHALL PLACE A CALL TO PHASES 2 AND 8.

- NOTES:**
- CABLES FOR VIDEO DETECTION AND RADIO ANTENNAS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MANUFACTURERS OF THE EQUIPMENT.
  - THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM**

WESTERN AVE AT NORWOOD BLVD/26TH ST

SCALE: VERT. NONE  
 HORIZ. DATE 5/17/2007

DRAWN BY JLA  
 DESIGNED BY KK/BPT  
 CHECKED BY JTL/BPT

PLOT DATE = 5/19/2007  
 PLOT SCALE = 1"=20'  
 USER NAME = JLA

