F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	2
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

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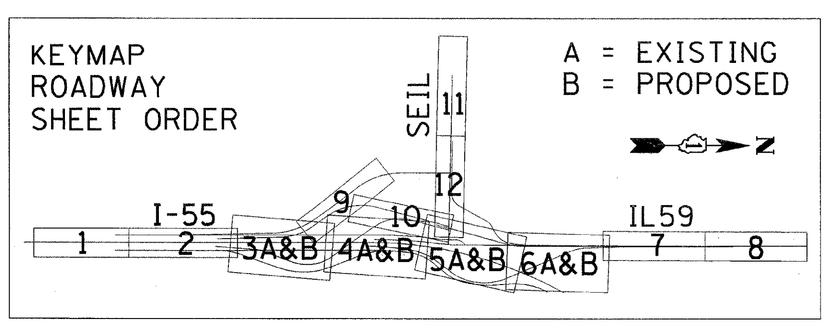
BD01	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN 4.5 M (15 FT.)
BD02	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND CURB OR EDGE LESS THAN 4.5 M (15 FT.)
BD07	STORM SEWER CONNECTION TO EXISTING SEWER
BD08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD12	MANHOLE WITH RESTRICTOR PLATE
BD22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD28	RUSTICATION FINISH AND GEOCOMPOSITE DRAIN FOR RETAINING WALLS
BD32	BUTT JOINT AND HMA TAPER DETAILS
BD34	DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER STAB AT TYT TY 1 SPL
BD36	FIRE HYDRANT TO BE MOVED
BD49	DETAIL FOR CENTERLINE SAWCUT 16' (4.9 m) AND VARIABLE JOINTED PCC PAVEMENT FOR RAMPS
BD51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BE205	LIGHTING CONTROLLER, RADIO CONTROL DUPLEX TYPE WITH SCADA
BE220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE301	LIGHT POLE FOUNDATION 40' (12.192 m) TO 47 1/2' (14.478 m) M.H. 15" (381) BOLT CIRCLE
BE410	DAVIT LIGHT POLE 47' - 6" (14.478 m) MOUNTING HEIGHT
BE701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE702	MISC. ELECTRICAL DETAILS SHEET A
BE900	SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS
TC08	FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC09	FREEWAY SINGLE AND MULTI LANE WEAVE
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC11	RAISED REFLECTIVE PAVEMENT MARKERS
TC12	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC17	SHOULDER CLOSURES PARTIAL RAMP CLOSURES
TC18	SIGNING FOR FLAGGING OPERATIONS AT WORKING ZONE OPENINGS
TC22	ARTERIAL ROAD INFORMATION SIGN
TS02	DISTRICT 1 MAST ARM MOUNTED STREET NAME SIGNS
TS05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS



HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
000001 -05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001 -04	TEMPORARY EROSION CONTROL SYSTEMS
406001 -05	ENTRANCE RAMP TERMINAL (FLEXIBLE RAMP PAVEMENT ADJACENT TO FLEXIBLE MAINLINE PAVEMENT)
406101 -04	EXIT RAMP TERMINAL (FLEXIBLE RAMP PAVEMENT ADJACENT TO FLEXIBLE MAINLINE PAVEMENT)
420001 -07	PAVEMENT JOINTS
420111 -02	PCC PAVEMENT ROUNDOUTS
420401 -06	BRIDGE APPROACH PAVEMENT
424001 -05	CURB RAMPS FOR SIDEWALKS
442201 -03	CLASS C AND D PATCHES
482001 -02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006 -03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
515001 -02	NAME PLATE FOR BRIDGES
542301 -01	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306 -01	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542601	REINFORCED CONCRETE PIPE ELBOW
601001 -02	SUB-SURFACE DRAINS
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602001	CATCH BASIN, TYPE A
602006 -01	CATCH BASIN, TYPE B
602301 -01	INLET, TYPE A
602306 -01	INLET, TYPE B
602401 -01	MANHOLE, TYPE A
602406 -02	MANHOLE TYPE A 1.8 m (6') DIAMETER
602411	MANHOLE TYPE A 2.1 m (7') DIAMETER
602601 -01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701 -01	MANHOLE STEPS
604001 -02	FRAME AND LIDS, TYPE 1
604006 -03	FRAME AND GRATE, TYPE 3
604036 -01	GRATE, TYPE 8
604091 -01	FRAME AND GRATE, TYPE 24
606001 -03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301 -03	PC CONCRETE ISLANDS AND MEDIANS
606306 -02	CORRUGATED PC CONCRETE MEDIANS
630001 -07	STEEL PLATE BEAM GUARDRAIL
630201 -05	PCC/HMA STABILIZATION AT STEEL PATE BEAM GUARDRAIL
630301 -04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011 -04	TRAFFIC BARRIER TERMINAL, TYPE 2
631026 -04	TRAFFIC BARRIER TERMINAL, TYPE 5
631031 -06	TRAFFIC BARRIER TERMINAL, TYPE 6
635001	DELINEATORS
635006 -02	REFLECTOR AND TERMINAL MARKER PLACEMENT
637006 -01	CONCRETE BARRIER DOUBLE FACE, 1065 mm (42") HEIGHT
642001	SHOULDER RUMBLE STRIPS
664001 -01	CHAIN LINK FENCE
701001 -01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY
701006 -02	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701011 -01	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101 -01	OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701201 -02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301 -02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306 -01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701326 -02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701331 -02	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS >= 45 MPH
701400 -02	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401 -04	LANE CLOSURE, FREEWAY / EXPRESSWAY (revision 1)
701411 -04	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701421 -01	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
701422 -01	LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH
701426 -02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701446	TWO LANE CLOSURE FREEWAY / EXPRESSWAY
701501 -04	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606 -05	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701 -05	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801 -03	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901	TRAFFIC CONTROL DEVICES
704001 -04	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720006 -01	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016 -01	MAST ARM MOUNTED STREET NAME SIGNS
728001	TELESCOPING STEEL SIGN SUPPORT
731001	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001 -01	TYPICAL PAVEMENT MARKINGS
814001 -01	CONCRETE HANDHOLES
814006 -01	DOUBLE HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
877001 -03	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011 -03	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001 -06	CONCRETE FOUNDATION DETAILS
880001	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006	TRAFFIC SIGNAL MOUNTING DETAILS
886001	DETECTOR LOOP INSTALLATIONS

REVISIONS		
	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

INDEX OF SHEETS & HIGHWAY STANDARDS

SCALE: N.T.S. DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	6
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

SUMMARY OF QUANTITIES

90% FED./10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY (URBAN)	WILL COUNTY: ROADWAY IL-59 90% FED 10% STATE	ROADWAY I-55 90% FED 10% STATE	ROADWAY NB RAMP 90% FED 10% STATE	ROADWAY SB RAMP 90% FED 10% STATE	ROADWAY SEIL RD 90% FED 10% STATE	ROADWAY FRONTG RD 90% FED 10% STATE	BRIDGE IL59 NB EXIT RAMP OVER I-55	BRIDGE IL59 OVER DUPAGE RIVER	SIGNING	EXPRESSWAY LIGHTING 100% STATE	VILLAGE LIGHTING 100% VOS	TRAFFIC SIGNALS 90% FED 6.7% STATE 3.3% VOS	90%FED/10%STATE: CITY OF JOLIET 100% JOLIET	RETAINING WALLS CULVERTS	VILLAGE OF SHOREWOOD 100% VOS
				CONSTRUCTION TYPE CODE														
				J000-2A	I000-2A	J000-2A	J000-2A	I000-2A	I000-2A	X271-2A	X081-2A	Y002-2A	Y030-1E	Y030-1E	Y031-1F	J000-2A	Y007	J000-2A
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,333	2,236				30	67									
44000600	SIDEWALK REMOVAL	SQ FT	2,626	2,626														
44003100	MEDIAN REMOVAL	SQ FT	334	334														
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	2,608	2,608														
44004000	PAVED DITCH REMOVAL	FOOT	75			75												
44004250	PAVED SHOULDER REMOVAL	SQ YD	12,059	221	9,165	2,673												
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	32	32														
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	39	39														
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	1,083	831				252										
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	71					71										
44201869	CLASS D PATCHES, TYPE IV, 18 INCH	SQ YD	352	352														
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,118		1,118													
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	3,968	1,360					2,608									
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	4,020			338	903	171	2,608									
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	9,150	393	372	4,339	3,642	290	114									
48203049	HOT-MIX ASPHALT SHOULDERS, 13"	SQ YD	7,695		7,695													
50100200	REMOVAL OF EXISTING STRUCTURES	L SUM	1							1								
50102400	CONCRETE REMOVAL	CU YD	123								69						54	
50104400	CONCRETE HEADWALL REMOVAL	EACH	10	3		3		2	2									
50105220	PIPE CULVERT REMOVAL	FOOT	3090	1,626		245		1,104	115									
50200100	STRUCTURE EXCAVATION	CU YD	2,276							1,104						272	900	
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	2,619	2,520													99	
50300225	CONCRETE STRUCTURES	CU YD	563.4							137.8						160.7	264.9	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	347							341	6							
50300260	BRIDGE DECK GROOVING	SQ YD	1379							1,042	337							
50300300	PROTECTIVE COAT	SQ YD	2,153							1,453	590					54	56	
50300510	RUSTICATION FINISH	SQ FT	2,591													1,422	1,169	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1							1								
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	1,640														1,640	
50500505	STUD SHEAR CONNECTORS	EACH	3,204							3,204								
50800105	REINFORCEMENT BARS	POUND	57,500							21,690							35,810	

* DENOTES SPECIALTY ITEMS

Rev. 7-17-08

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SUMMARY OF QUANTITIES 3

SCALE: DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	8
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

SUMMARY OF QUANTITIES

90% FED./10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY (URBAN)	WILL COUNTY: ROADWAY IL-59 90% FED 10% STATE	ROADWAY I-55 90% FED 10% STATE	ROADWAY NB RAMP 90% FED 10% STATE	ROADWAY SB RAMP 90% FED 10% STATE	ROADWAY SEIL RD 90% FED 10% STATE	ROADWAY FRONTG RD 90% FED 10% STATE	BRIDGE IL59 NB EXIT RAMP OVER I-55	BRIDGE IL59 OVER DUPAGE RIVER	SIGNING	EXPRESSWAY LIGHTING 100% STATE	VILLAGE LIGHTING 100% VOS	TRAFFIC SIGNALS 90% FED 6.7% STATE 3.3% VOS	CITY OF JOLIET 100% JOLIET	90% FED./10% STATE: RETAINING WALLS CULVERTS	VILLAGE OF SHOREWOOD 100% VOS
				CONSTRUCTION TYPE CODE														
				J000-2A	I000-2A	J000-2A	J000-2A	I000-2A	I000-2A	X271-2A	X081-2A	Y002-2A	Y030-1E	Y030-1E	Y031-1F	J000-2A	Y007	J000-2A
5421A012	PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)	FOOT	80	80														
5421A015	PIPE CULVERTS, CLASS A, TYPE 1 15" (TEMPORARY)	FOOT	40					40										
5421A018	PIPE CULVERTS, CLASS A, TYPE 1 18" (TEMPORARY)	FOOT	20	20														
5421A036	PIPE CULVERTS, CLASS A, TYPE 1 36" (TEMPORARY)	FOOT	177					177										
542A0215	PIPE CULVERTS, CLASS A, TYPE 1 10"	FOOT	52					52										
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	183	57				45	81									
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	53					53										
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	50			50												
542A1057	PIPE CULVERTS, CLASS A, TYPE 2 12"	FOOT	260	260														
542A1060	PIPE CULVERTS, CLASS A, TYPE 2 15"	FOOT	60	60														
542A1066	PIPE CULVERTS, CLASS A, TYPE 2 21"	FOOT	42				42											
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	124	51			73											
542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	106				69	37										
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	444					444										
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	38						38									
55034300	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 30, RISE 19	FOOT	113					113										
55034400	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE SPAN 34, RISE 22	FOOT	331	331														
55034600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 45, RISE 29	FOOT	724					724										
55035400	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 30, RISE 19	FOOT	47				47											
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	939	349			14	576										
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	271	9				262										
550A0200	STORM SEWERS, CLASS A, TYPE 1 54"	FOOT	208	208														
550A0210	STORM SEWERS, CLASS A, TYPE 1 60"	FOOT	427	427														
550A0230	STORM SEWERS, CLASS A, TYPE 1 72"	FOOT	620	620														
550A0260	STORM SEWERS, CLASS A, TYPE 1 90"	FOOT	146	146														
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	3257	3084		96		77										
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	1729	1278		416	35											
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	368	268		100												
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	5	5														
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	326	326														
550A0520	STORM SEWERS, CLASS A, TYPE 2 72"	FOOT	209	209														

* DENOTES SPECIALTY ITEMS

Rev. 7-17-08

REV.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SUMMARY OF QUANTITIES 5

SCALE:
DRAWN BY: JB
DATE: 03/14/08
CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0600

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	10
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
* (26, 26HB-1&114) R-2		CONTRACT NO. 60363		

SUMMARY OF QUANTITIES

90% FED./10% STATE

				WILL COUNTY														
			URBAN	ROADWAY IL-59 90% FED 10% STATE	ROADWAY I-55 90% FED 10% STATE	ROADWAY NB RAMP 90% FED 10% STATE	ROADWAY SB RAMP 90% FED 10% STATE	ROADWAY SEIL RD 90% FED 10% STATE	ROADWAY FRONTG RD 90% FED 10% STATE	BRIDGE IL59 NB EXIT RAMP OVER I-55	BRIDGE IL59 OVER DUPAGE RIVER	SIGNING	EXPRESSWAY LIGHTING 100% STATE	VILLAGE LIGHTING 100% VOS	TRAFFIC SIGNALS 90% FED 6.7% STATE 3.3% VOS	CITY OF JOLIET 100% JOLIET	90% FED./10% STATE RETAINING WALLS CULVERTS	VILLAGE OF SHOREWOOD 100% VOS
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE														
				J000-2A	I000-2A	J000-2A	J000-2A	I000-2A	I000-2A	X271-2A	X081-2A	Y002-2A	Y030-1E	Y030-1E	Y031-1F	J000-2A	Y007	J000-2A
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4														
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	2					2										
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3														
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2					2										
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	10	9			1	8										
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1					1										
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2	1				1										
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	39	35				4										
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1														
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1															1
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2															2
60266600	VALVE BOXES TO BE ADJUSTED	EACH	7															7
60400105	FRAMES, TYPE 1	EACH	7														7	
60403800	LIDS, TYPE 1, CLOSED LID	EACH	7														7	
60600605	CONCRETE CURB, TYPE B	FOOT	909	909														
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	32					32										
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	13,993	11,276		704	283	1,730										
60605400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	75			75												
60616110	PAVED DITCH, TYPE A-30	FOOT	45	45														
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	486	486														
X0326017	CONCRETE MEDIAN SURFACE, 5 INCH (SPECIAL)	SQ FT	13,720	9,192														4,528
60624600	CORRUGATED MEDIAN	SQ FT	458	458														
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	6268 △1		342	3,450	485		235 △1						1,756		
* 63000005	STEEL PLATE BEAM GUARD RAIL, TYPE B	FOOT	357		357													
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	11 △1	1	4	1	2		1 △1						2		
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	2			2											
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4			2									2		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8 △1		4		1		1 △1						2		
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	3			2	1										
* 63200600	STEEL PLATE BEAM GUARD RAIL REMOVAL, SINGLE RAIL	FOOT	4,321	113	1,103	3,105											
* 63200700	STEEL PLATE BEAM GUARD RAIL REMOVAL, DOUBLE RAIL	FOOT	217			217											
63500105	DELINEATORS	EACH	206	14	24	63	45	8	52								

* DENOTES SPECIALTY ITEMS

△1 Rev. 7-17-09

REVISIONS	
NAME	DATE

Rev.

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SUMMARY OF QUANTITIES 7

SCALE:
DRAWN BY: JB
DATE: 03/14/08
CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
200 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/856-0900

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BONDHULO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	11
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

SUMMARY OF QUANTITIES

90% FED./10% STATE

	CODE NO.	ITEM	URBAN UNIT	TOTAL QUANTITY	WILL COUNTY ROADWAY IL-59 90% FED 10% STATE	ROADWAY I-55 90% FED 10% STATE	ROADWAY NB RAMP 90% FED 10% STATE	ROADWAY SB RAMP 90% FED 10% STATE	ROADWAY SEIL RD 90% FED 10% STATE	ROADWAY FRONTG RD 90% FED 10% STATE	BRIDGE IL59 NB EXIT RAMP OVER I-55	BRIDGE IL59 OVER DUPAGE RIVER	SIGNING	EXPRESSWAY LIGHTING 100% STATE	VILLAGE LIGHTING 100% VOS	TRAFFIC SIGNALS 90% FED 6.7% STATE 3.3% VOS	90%FED./10%STATE CITY OF JOLIET 100% JOLIET	RETAINING WALLS CULVERTS	VILLAGE OF SHOREWOOD 100% VOS
					CONSTRUCTION TYPE CODE														
					J000-2A	I000-2A	J000-2A	J000-2A	I000-2A	I000-2A	X271-2A	X081-2A	Y002-2A	Y030-1E	Y030-1E	Y031-1F	J000-2A	Y007	J000-2A
	63500120	DELINEATOR REMOVAL	EACH	20		20													
	63700157	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT (MODIFIED)	FOOT	87	87														
	63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	46		46													
	63700900	CONCRETE BARRIER BASE	FOOT	135	89	46													
	64200105	SHOULDER RUMBLE STRIP	FOOT	23,689		23,689													
	66400105	CHAIN LINK FENCE, 4'	FOOT	10,712	308	5,161	1,950	2,448	845										
	66405700	CHAIN LINK GATES, 4' X 10' DOUBLE	EACH	2					1	1									
	66502300	WOVEN WIRE FENCE REMOVAL	FOOT	7,090		7,090													
⚠	66502400	WOVEN WIRE FENCE TO BE REMOVED AND RE-ERECTED	FOOT	334						334									
	66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	37				5	6	26									
*	66900400	SPECIAL WASTE GROUND WATER DISPOSAL	GALLON	8,980	8,980														
*	66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1														
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2														
*	66901000	BACKFILL PLUGS	CU YD	40	40														
	67100100	MOBILIZATION	L SUM	1	0.2	0.2	0.2	0.2	0.1	0.1									
	67201000	SEALING ABANDONED WATER WELLS	EACH	2					2.0										
	70101800	TRAFFIC CONTROL AND PROTECTION,(SPECIAL)	L SUM	1	0.6			0.2	0.1	0.1									
	70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	2				1.0	1.0										
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	270	270														
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	48	48														
	70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	88	88														
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	6,155	6,155														
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	484	484														
	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	384	384														
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	13	13														
	X0325842	TEMPORARY WET REFLECTIVE TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	318	318														
	X0325775	TEMPORARY WET REFLECTIVE TAPE, TYPE III 4 INCH	FOOT	140,833	82,542	39,390	2,577		16,324										
	X0326107	TEMPORARY WET REFLECTIVE TAPE, TYPE III 5 INCH	FOOT	9,457		9,457													
	X0325837	TEMPORARY WET REFLECTIVE TAPE, TYPE III 6 INCH	FOOT	2053	2020	⚠			33										
	X0325876	TEMPORARY WET REFLECTIVE TAPE, TYPE III 8 INCH	FOOT	4,135	508	3,627													
	X0325840	TEMPORARY WET REFLECTIVE TAPE, TYPE III 12 INCH	FOOT	6,298	6,007	69			222										
	X0325841	TEMPORARY WET REFLECTIVE TAPE, TYPE III 24 INCH	FOOT	407	212				195										

* DENOTES SPECIALTY ITEMS

⚠ Rev. 7-17-08

Rev.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SUMMARY OF QUANTITIES 8

SCALE:
DRAWN BY: JB
DATE: 03/14/08
CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312616-0000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	12
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

SUMMARY OF QUANTITIES

90% FED./10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	WILL COUNTY: ROADWAY IL-59 90% FED 10% STATE	ROADWAY I-55 90% FED 10% STATE	ROADWAY NB RAMP 90% FED 10% STATE	ROADWAY SB RAMP 90% FED 10% STATE	ROADWAY SEIL RD 90% FED 10% STATE	ROADWAY FRONTG RD 90% FED 10% STATE	BRIDGE IL59 NB EXIT RAMP OVER I-55	BRIDGE IL59 OVER DUPAGE RIVER	SIGNING	EXPRESSWAY LIGHTING 100% STATE	VILLAGE LIGHTING 100% VOS	TRAFFIC SIGNALS 90% FED 6.7% STATE 3.3% VOS	90% FED./10% STATE: CITY OF JOLIET 100% JOLIET	RETAINING WALLS CULVERTS	VILLAGE OF SHOREWOOD 100% VOS
				CONSTRUCTION TYPE CODE														
				J000-2A	I000-2A	J000-2A	J000-2A	I000-2A	I000-2A	X271-2A	X081-2A	Y002-2A	Y030-1E	Y030-1E	Y031-1F	J000-2A	Y007	J000-2A
70400100	TEMPORARY CONCRETE BARRIER	FOOT	7,375	240	7,135													
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	12,249	210	10,864	1,020		155										
* 72000100	SIGN PANEL - TYPE 1	SQ FT	573 △1									562 △1			11			
* 72000200	SIGN PANEL - TYPE 2	SQ FT	131									131						
* 72000300	SIGN PANEL - TYPE 3	SQ FT	1,221									1,221						
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	112									112						
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	9									9						
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	570									570						
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	145									145						
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	640									640						
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	19									19						
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	105									105						
* 72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	20									20						
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1132									1132						
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	76									76						
* 73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	90									90						
* 73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	20									20						
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	24									24						
* 73700100	REMOVE GROUND-MOUNTED SIGN SUPPORT	EACH	4									4						
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	291	73				218										
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	47,727	1,556	25,762			3,809	16,600									
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	872	322				550										
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	4,595		1,909	932	1,754											
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,141		1,141													
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	182	42				140										
* 78003120	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	FOOT	8,227		8,227													
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	13,914		13,914													
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	4,187		4,187													
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	3,476		3,476													
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	619	546		73												
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	26,587	14,158		5,575	4,706			640	1,508							

* DENOTES SPECIALTY ITEMS

△1 Rev. 7-17-08

Rev.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SUMMARY OF QUANTITIES 9

SCALE:
DRAWN BY: JB
DATE: 03/14/08
CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS•ARCHITECTS•PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	16
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

SUMMARY OF QUANTITIES

90% FED./10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY (URBAN)	WILL COUNTY: ROADWAY IL-59 90% FED 10% STATE	ROADWAY I-55 90% FED 10% STATE	ROADWAY NB RAMP 90% FED 10% STATE	ROADWAY SB RAMP 90% FED 10% STATE	ROADWAY SEIL RD 90% FED 10% STATE	ROADWAY FRONTG RD 90% FED 10% STATE	BRIDGE IL59 NB EXIT RAMP OVER I-55	BRIDGE IL59 OVER DUPAGE RIVER	SIGNING	EXPRESSWAY LIGHTING 100% STATE	VILLAGE LIGHTING 100% VOS	TRAFFIC SIGNALS 90% FED 6.7% STATE 3.3% VOS	CITY OF JOLIET 100% JOLIET	90% FED./10% STATE: RETAINING WALLS CULVERTS	VILLAGE OF SHOREWOOD 100% VOS
					CONSTRUCTION TYPE CODE														
*	C2C05924	SHRUB, RHUS GLABRA (SMOOTH SUMAC), 2' HEIGHT, CONTAINER	EACH	200		200													
*	C2C06024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC). 2' HEIGHT, CONTAINER	EACH	150		150													
*	D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	11								11							
*	D2003172	EVERGREEN, PSUEDOTSUGA MENZIESII (DOUGLAS FIR), 6' HEIGHT, BALLED AND BURLAPPED	EACH	8			5	3											
*	E20200G1	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	50					50										
	X0320816	SLEEPER SLAB	SQ YD	137					137										
	X0320887	POLYMER CONCRETE	CU FT	6.4								6.4							
	X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	19	19														
	X0321598	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1														
	X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	340	170														170
	X0322042	STORM SEWER (WATER MAIN REQUIREMENTS) 54 INCH	FOOT	25	13														12
	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	257	51	206													
*	X0322323	WEED CONTROL, TEASEL	GALLON	3		3													
*	X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	45		45													
	X0323082	DRAINAGE SCUPPERS, DS-33	EACH	2							2								
*	X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	35										35					
*	X0323670	PREFORMED DETECTOR LOOP	FOOT	210												210			
	X0323885	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1												1			
	X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	583	307													276	
	X0324044	EROSION CONTROL, TEMPORARY PIPE SLOPE DRAIN	EACH	11	2		5	2	2										
	X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	6	2				2	2									
*	X0326108	ELECTRICAL CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 3-1/C #10 & 1C #10 GROUND	FOOT	400										400					
1 *	X0326164	PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	1															1 1
*	X0324387	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	83										83					
*	X0324413	CONDUIT EMBEDDED IN STRUCTURE, 2 1/2" DIA., PVC (SCHEDULE 40)	FOOT	420										420					
	X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	300	100				100	100									
1 *	X0325035	PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FT	EACH	2															2 1
	X0325239	TEMPORARY PAVEMENT 10"	SQ YD	10,431	5,858				4,573										
1 *	X0325037	PAINT NEW SIGNAL POST	EACH	3															3 1
	X0325733	TEMPORARY ASPHALT WEDGE	SQ YD	305					305										
	X0325864	BRIDGE APPROACH PAVEMENT REMOVAL	SQ YD	438							182	256							
	X2800500	INLET PROTECTION, SPECIAL	EACH	8	2		1	1	4										
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	26	20				3	3									
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	13	9				4										
	X4023000	TEMPORARY ACCESS (ROAD)	EACH	12	9				3										
	X6060500	CORRUGATED MEDIAN REMOVAL	SQ FT	785	785														

* DENOTES SPECIALTY ITEMS

1 Rev. 7-17-08

Rev.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SUMMARY OF QUANTITIES 13

SCALE:
DRAWN BY: JB
DATE: 03/14/08
CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
360 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	17
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

SUMMARY OF QUANTITIES

90% FED./10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY (URBAN)	WILL COUNTY: ROADWAY IL-59 90% FED 10% STATE	ROADWAY I-55 90% FED 10% STATE	ROADWAY NB RAMP 90% FED 10% STATE	ROADWAY SB RAMP 90% FED 10% STATE	ROADWAY SEIL RD 90% FED 10% STATE	ROADWAY FRONTG RD 90% FED 10% STATE	BRIDGE IL59 NB EXIT RAMP OVER I-55	BRIDGE IL59 OVER DUPAGE RIVER	SIGNING	EXPRESSWAY LIGHTING 100% STATE	VILLAGE LIGHTING 100% VOS	TRAFFIC SIGNALS 90% FED 6.7% STATE 3.3% VOS	CITY OF JOLIET 100% JOLIET	90%FED./10%STATE RETAINING WALLS CULVERTS	VILLAGE OF SHOREWOOD 100% VOS
					CONSTRUCTION TYPE CODE														
					J000-2A	I000-2A	J000-2A	J000-2A	I000-2A	I000-2A	X271-2A	X081-2A	Y002-2A	Y030-1E	Y030-1E	Y031-1F	J000-2A	Y007	J000-2A
	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	34	34														
	X6700600	ENGINEER'S FIELD LABORATORY (SPECIAL)	CAL MO	24	4	4	4	4	4	4									
	X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1		1													
	X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	273		273													
	X7330105	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	48									48						
	X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1												1			
	X8160395	UNIT DUCT, WITH 3-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (EPR-TYPE RHW), 1 1/2" DIA., POLYETHYLENE	FOOT	17,100										17,100					
	X8250110	LIGHTING CONTROLLER, RADIO CONTROL, DUPLEX CONSOLE TYPE, WITH SCADA	EACH	1										1					
*	X8420090	REMOVAL OF EXISTING SIGN LUMINAIRE	EACH	4										4					
*	X8420140	REMOVAL OF EXISTING LIGHTING UNIT, AND LUMINAIRE SALVAGE	EACH	12										12					
*	X8420200	REMOVAL OF EXISTING LIGHT TOWER AND SALVAGE	EACH	4										4					
*	X8420300	LIGHTING FOUNDATION REMOVAL, LIGHT TOWER	EACH	4										4					
*	X8450100	REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	1										1					
*	X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	589												589			
*	X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	313															313
	XX003503	FLARED END SECTION REMOVAL	EACH	57	29		3		19	6									
	XX004056	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	6,676							6,676								
	XX004814	SILICONE JOINT SEALER, 3"	FOOT	162								162							
	XX005631	UTILITY STRUCTURES TO BE ADJUSTED	EACH	7	7														
	XX005656	INLET FILTER CLEANING	EACH	167	167														
	XX005715	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	300	100				100	100									
	XX006179	SANITARY MANHOLE REMOVAL AND REPLACEMENT	EACH	1															1
	XX006661	UNINTERRUPTABLE POWER SUPPLY	EACH	1												1			
*	XX006937	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	81										81					
	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	86,009	34,696	17,526	11,826	7,438	6,535	7,988									
	Z0007601	BUILDING REMOVAL NO. 1 ⚠1	L SUM	1	1														
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.2	0.2	0.2	0.2	0.1	0.1									
⚠1	Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS BUILDING NO. 1	L SUM	1	1														
	Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	110								110							
NP	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	1	1														
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	32 ⚠1	28		4 ⚠1												
	Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	6	2	4													
	Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	16	8	6			2										

NP= Non-Participating
* DENOTES SPECIALTY ITEMS

⚠1 Rev.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SUMMARY OF QUANTITIES 14

SCALE: DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS•ARCHITECTS•PLANNERS
300 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312-616-0000

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BONDHUJO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	18
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

SUMMARY OF QUANTITIES

90% FED./10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY (URBAN)	WILL COUNTY: ROADWAY IL-59 90% FED 10% STATE	ROADWAY I-55 90% FED 10% STATE	ROADWAY NB RAMP 90% FED 10% STATE	ROADWAY SB RAMP 90% FED 10% STATE	ROADWAY SEIL RD 90% FED 10% STATE	ROADWAY FRONTG RD 90% FED 10% STATE	BRIDGE IL59 NB EXIT RAMP OVER I-55	BRIDGE IL59 OVER DUPAGE RIVER	SIGNING	EXPRESSWAY LIGHTING 100% STATE	VILLAGE LIGHTING 100% VOS	TRAFFIC SIGNALS 90% FED 6.7% STATE 3.3% VOS	90% FED./10% STATE: CITY OF JOLIET 100% JOLIET	RETAINING WALLS CULVERTS	VILLAGE OF SHOREWOOD 100% VOS
					CONSTRUCTION TYPE CODE														
					J000-2A	I000-2A	J000-2A	J000-2A	I000-2A	I000-2A	X271-2A	X081-2A	Y002-2A	Y030-1E	Y030-1E	Y031-1F	J000-2A	Y007	J000-2A
	Z0064600	SELECTIVE CLEARING	ACRE	2.4	1.2		1.2												
	Z0065745	SLOTTED DRAIN 12" WITH 2 1/2" SLOT	FOOT	381				381.0											
	Z0077700	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	438	313				125										
*	X0326020	UTILITY PROTECTION PAD	SQ YD	675				374		301									
*	X0326015	LIGHT POLE, COMPLETE IN PLACE, VILLAGE OF SHOREWOOD	EACH	48											48				
*	X0326021	UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	9860											9860				
*	X0326016	ELECTRIC CABLE IN CONDUIT, LIGHTING, 2/C NO.10	FOOT	415												415			
⊙	Z0076600	TRAINEES	HOUR	5000	5000														
△1	X0326165	STORM SEWER (WATERMAIN REQUIREMENTS) 72 INCH	FOOT	25	13														12 △1

⊙ Y080

* DENOTES SPECIALTY ITEMS

△1 Rev. 7-18-08

Rev.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SUMMARY OF QUANTITIES 15

SCALE: DRAWN BY: JB

DATE: 03/14/08 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0600

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BONDHUJO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	25
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	THICKNESS	AC TYPE	AIR VOIDS
FULL DEPTH PAVEMENT			
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm)	2"	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	7"	PG 64-22*	4% @ 50 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15¾"			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	2"	SBS/SBR PG 70-22	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	13¾"	SBS/SBR PG 70-22	4% @ 90 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 17"			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	2"	SBS/SBR PG 70-22	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	15"	SBS/SBR PG 70-22	4% @ 90 GYR.
SHOULDER RECONSTRUCTION			
HOT-MIX ASPHALT SHOULDERS, 8" (INCLUDING GUARDRAIL STABILIZ.)	8"	PG 64-22*	2% @ 30 GYR.
HOT-MIX ASPHALT SHOULDERS, 13" (HMA BINDER IL-19 mm)	13"	PG 64-22*	4% @ 70 GYR.
TEMPORARY PAVEMENT 10"			
TEMP PAVEMENT (HMA BINDER IL-19 mm)	8½"	PG 64-22*	4% @ 50 GYR.
HMA SURFACE COURSE, MIX "D" N50 (IL 9.5 mm)	1½"	PG 64-22	4% @ 50 GYR.
PAVEMENT RESURFACING (IL59 SIDE STREETS)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	1¼"	PG 64-22	4% @ 50 GYR.
1 * LEVELING BINDER (MACHINE METHOD), N50 (IL-9.5) **	¾"	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
DRIVEWAYS			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	2"	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm)	PE - 6",	PG 64-22 *	4% @ 50 GYR.
	CE - 8"		
PATCHING			
CLASS D PATCHES (HMA BINDER IL-19 mm)	VARIES	PG 64-22*	4% @ 70 GYR.
STABILIZED SUBBASE			
STABILIZED SUB-BASE-HOT-MIX ASPHALT	4"	PG 64-22	2% @ 30 GYR.
PAVEMENT WIDENING (IL59 SIDE STREETS)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	1½"	PG 64-22	
1 * LEVELING BINDER (MACHINE METHOD), N50 (IL-9.5) **	¾"	SBS/SBR PG 76-28/-22	
HMA BASE COURSE (HMA BINDER IL-19 mm); 7¼"	7"	PG 64-22*	
PAVEMENT RESURFACING (NORTH OF DUPAGE RIVER)	2"	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50			

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

1 ** THIS LEVELING BINDER SHALL SUPERSEDE THE LEVELING BINDER CALLED OUT IN THE PLANS WHICH REFERENCE AN "FG" BINDER.

REVISIONS	
NAME	DATE
1 JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

SCALE:
DRAWN BY: JB
DATE: 03/14/08
CHECKED BY: ACL

TENG

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TELEPHONE: 312-616-0000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	44
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

48101600 — TOTAL 4,021 SQ YD

AGGREGATE SHOULDERS, TYPE B 8"

STA.	STA.	LENGTH FT	WIDTH FT	LOCATION LT/RT	AREA SQ FT	SUBTOTALS SQ YD
E, FRONTAGE RD.						
6499+84.00	6504+45.32	461.3	8.00	LT & RT	3,691	410.1
6504+45.32	6518+00.00	1,354.7	8.00	LT & RT	10,837	1,204.2
6518+00.00	6529+18.39	1,118.4	8.00	LT & RT	8,947	994.1
SEIL RD						
4004+00.00	4008+73.00	473.0	2.00	RT	946	105.1
4004+00.00	4008+73.00	348.00	2.00	LT	596	66.2
NB RAMP						
8000+86.22	8010+32.00	945.78	2.00	RT	1,883	209.2
8004+55.03	8010+32.00	576.97	2.00	LT	1,161	129.0
		0.00				
SB RAMP						
7005+05.36	7024+62.50	1,957.14	2.00	RT	3,926	436.2
7005+05.36	7026+11.91	2,106.55	2.00	LT	4,199	466.6

48203029 — TOTAL 9,150 SQ YD

HOT-MIX ASPHALT SHOULDERS, 8"

STA.	STA.	LENGTH FT	WIDTH FT	LOCATION RT/LT	AREA SQ FT	SUBTOTALS SQ YD
S.B. SHOULDER						
7000+75.64	7005+05.43	429.79	VAR	RT	5,400	600.0
7005+05.43	7009+35.50	430.07	6.00	RT	2,581	286.8
7009+35.50	7024+62.50	1,527.00	9.00	RT	9,171	1,019.0
7024+62.50	7033+24.48	861.98	6.00	RT	7,228	803.1
7005+05.43	7026+11.91	2,106.48	4.00	LT	8,402	933.6
N.B. SHOULDER INCLUDES BIT STAB AT SPBGR AREAS						
8000+86.22	8004+55.03	368.81	6.00	RT	2,212	245.8
8004+55.03	8010+27.50	572.47	6.00	RT	3,430	381.1
8010+27.50	8019+28.40	900.90	9.00	RT	8,366	929.6
8023+11.42	8033+35.77	1,024.35	9.00	RT	9,197	1,021.9
8033+35.77	8036+79.66	343.89	3.00	RT	1,032	114.6
8004+55.03	8010+27.50	572.47	4.00	LT	2,310	256.7
8010+27.50	8019+02.84	875.34	7.00	LT	6,316	701.8
8022+85.86	8031+60.77	874.91	7.00	LT	6,187	687.4
IL59						
8033+35.77	7479+50.00	N/A	3.00	RT	2,437	270.8
7476+72.09	7479+86.52			LT	1,100	122.2
I-55						
CANTILEVER AT 63+00					809	89.9
CANTILEVER AT 79+00					868	96.4
CANTILEVER AT 88+00					818	90.9
EX TRUSS AT 92+40					849	94.3
SEIL						
4016+00.00	IL59			RT	910	101.1
4015+36.30	SBRAMP			LT	1,112	123.6
4012+50.00	4014+07.00			LT	585	65.0
WEST F.R.						
5497+56.00	5500+87.50			RT	1,026	114.0

48203049 — TOTAL 7,896 SQ YD

HOT-MIX ASPHALT SHOULDERS, 13"

STA.	STA.	AREA SQ FT	SUBTOTALS SQ YD
S.B. I-55			
82+50.00	97+53.23	17,301	1,922.3
104+67.07	108+00.00	3,329	369.9
111+46.80	130+00.00	18,384	2,042.7
139+80.00	142+80.00	819	91.0
N.B. I-55			
85+00.00	95+63.58	12,503	1,389.2
99+33.13	103+42.95	3,815	423.9
113+00.00	127+00.00	13,923	1,547.0
137+50.00	140+50.00	988	109.8

60600605 — TOTAL 909 FOOT

CONCRETE CURB, TYPE B

DESCRIPTION	OFFSET LT / RT	STATION	LEFT CURB LENGTH FT	RIGHT CURB LENGTH FT	MEDIAN	SUBTOTALS FOOT
C.E. DRIVEWAY	LT	7484+00.00	48.39	48.70		97.09
C.E. DRIVEWAY	LT	7486+65.44	47.27	47.29	0	94.56
C.E. DRIVEWAY	RT	7498+58.68	58.15	51.59		109.74
C.E. DRIVEWAY	RT	7502+18.03	44.54	43.39		87.93
C.E. DRIVEWAY	RT	7504+20.68	42	77.64		119.64
C.E. DRIVEWAY	RT	7504+68.54	39.66	79.59		119.25
C.E. DRIVEWAY	RT	7506+25.20	39.01	39.01		78.02
C.E. DRIVEWAY	RT	7509+14.83	39.27	39.27		78.54
C.E. DRIVEWAY	RT	7512+33.40	39.27	39.27	45.78	124.32

60603800 — TOTAL 32 FOOT

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

STA.	OFFSET	LENGTH FT	SUBTOTALS FOOT
4003+20.50	27.46 LT	15.76	15.76
4003+75.33	27.58 LT	15.86	15.86

60605000 — TOTAL 13,993 FOOT

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

STA.	STA.	LENGTH FT	OFFSET RT / LT	MEDIAN	SUBTOTALS FOOT
6999+18.00	6999+70.00	54.3	LT		54
7000+37.20	7002+66.13	228.9	LT		229
7002+66.13	7005+05.37	239.2	LT		239
8031+85.79	8034+00.00	214.2	LT		214
8034+00.00	8036+28.90	228.9	LT		229
8031+60.77	MEDIAN	22.0	LT		22
8036+95.00	8037+44.00	53.5	LT		54
7476+72.09	7483+64.86	692.8	LT		693
7476+68.47	7479+80.12	311.7	RT		312
7479+80.12	7481+76.97	196.8	RT		197
7481+76.97	7483+64.86	187.9	RT		188
7484+34.00	7486+00.00	166.0	LT		166
7484+36.37	7486+00.00	180.4	RT		180
7486+00.00	7486+62.42	62.4	LT		62
7486+00.00	7486+62.42	62.4	RT		62
				EOP	
8033+83.04	8034+00.00	17.0	RT		17
8034+00.00	8037+44.39	344.4	RT		344
7476+72.09	7486+00.00	927.9	LT		928
7476+68.47	7486+00.00	931.5	LT		932
7486+00.00	7492+23.37	623.4	LT		623
7492+23.37	RADII	46.9	LT	AMENDODGE RD	47
7493+16.19	RADII	47.4	LT		47
7493+16.19	7499+00.00	583.8	LT		584
7486+00.00	7499+00.00	1,300.0	RT		1,300
7499+00.00	7500+68.41	168.4	LT		168
7500+68.41	RADII	46.9	LT	OAKWOOD DR	47
7501+54.08	RADII	47.4	LT		47
7501+54.08	7503+94.04	240.0	LT		240
7503+94.04	RADII	46.8	LT	SHOREWOOD LN	47
7504+79.10	RADII	47.4	LT		47
7504+79.10	7513+14.22	835.1	LT		835
7513+14.22	RADII	46.8	LT	MYERS RD	47
7514+00.00	RADII	74.8	LT		75
7499+00.00	7507+48.27	848.3	RT		848
7507+48.27	RADII	47.3	RT	SARAH ST	47
7508+31.94	RADII	47.0	RT		47
7508+31.94	7514+00.00	568.1	RT		568
7514+00.00	7515+41.42	141.4	LT		141
7515+38.53	RADII	30.8	LT	TROUT ST	31
7516+20.30	RADII	30.5	LT		30
7516+20.30	7517+72.38	152.1	LT		152
7517+72.38	RADII	30.0	LT	BASS ST	30
7518+48.30	RADII	29.1	LT		29
7518+48.30	7520+73.09	224.8	LT		225
7514+00.00	7514+84.20	84.2	RT		84
7514+84.20	RADII	47.1	RT	SCHOOL ST	47
7515+68.79	RADII	46.9	RT		47
7515+68.79	7519+81.87	413.1	RT		413
7519+81.87	RADII	31.5	RT	CHANNAHON ST	32
7520+85.47	RADII	63.1	RT		63
7520+85.47	7521+86.27	100.8	RT		101
7519+81.87	SIDE STREET	49.9	RT	CHANNAHON SIDE ST	50
4008+73.25	4017+00.00	826.8	LT		827
4017+00.00	4018+30.00	172.7	LT	IL 59	173
4008+73.25	4010+06.13	135.3	RT	W. FRONTAG RD	135
4011+02.34	4014+07.00	304.7	RT		305
4015+35.00	4017+00.00	165.0	RT		165
4017+00.00	4018+30.00	125.6	RT	IL 59	126

60605400 — TOTAL 75 FOOT

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

STA.	LENGTH		SUBTOTALS FOOT
8031+60.77	8031+85.79	MEDIAN	25.02
8033+35.77	8033+85.77	SHOULDER	50.00

60618300 — TOTAL 486 SQ FT

CONCRETE MEDIAN SURFACE, 4 INCH

STA	ROAD	OFFSET	LOCATION	SUBTOTALS SQ FT
748665	IL59	RT	MEDIAN	0
750444	IL59	RT	MEDIAN	402.96
751233	IL59	RT	MEDIAN	83.35

TOTAL 13,720 SQ FT

CONCRETE MEDIAN SURFACE 5" (SPECIAL)

LOCATION	STA.	STA.	AREA SQ FT	SUBTOTALS SQ FT
SB RAMP				
SBRP	7000+52.19	7005+05.37	3,094	1,509
IL59	6999+18.33	7483+64.70	8,816	1,509
IL59	7484+30.85	7486+37.45	1,810	1,510
		TOTAL	13,720	9,192 STATE PORTION

60624600 — TOTAL 458 SQ FT

CORRUGATED MEDIAN

STA.	STA.	SUBTOTALS SQ FT
7486+37.00	7487+58.61	457.83

REVISIONS	
NAME	DATE
1 JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SCHEDULE OF QUANTITIES 19

SCALE: DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG
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TELEPHONE: 312/616-0300

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LEGAC
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	45
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

63000000 — STEEL PLATE BEAM GUARD RAIL, TYPE A — TOTAL 6,268 FOOT

LOCATION OFFSET	STA.	STA.	LENGTH FT	SUBTOTALS FOOT
I55 SB RT	88+08.00	89+75.00	167	167
I55 NB RT	90+53.56	92+28.56	175	175
NBRP LT	8011+12.50	8017+00.00	588	588
NBRP LT	8017+00.00	8018+61.59	162	162
NBRP LT	8022+98.02	8026+00.00	302	302
NBRP RT	8011+12.50	8017+00.00	588	588
NBRP RT	8017+00.00	8018+87.15	187	187
NBRP RT	8023+23.58	8026+00.00	276	276
NBRP LT	8026+00.00	8031+48.27	548	548
NBRP RT	8026+00.00	8034+00.00	800	800
NBRP RT	8034+00.00	8037+44.00	344	344
SBRP RT	6999+18.00	6999+59.60	48	48
SBRP RT	7001+31.53	7004+93.00	361	361
SBRP RT	7025+50.00	7030+35.00	485	485
SEIL RT	4013+30.00	4013+63.85	34	34
SEIL LT	4016+12.50	4017+00.00	88	88
SEIL RT	4015+80.04	4017+00.00	120	120
SEIL LT	4017+00.00	4018+15.00	122	122
SEIL RT	4017+00.00	4018+15.00	107	107
IL59 RT	7476+72.00	7479+37.50	266	266
IL59 LT	7476+72.09	7479+38.41	266	266
WEST FR	5498+40.00	5500+75.00	235	235

63000005 — STEEL PLATE BEAM GUARD RAIL, TYPE B — TOTAL 357 FOOT

LOCATION OFFSET	STA.	STA.	LENGTH FT	SUBTOTALS FOOT
I-55 N.B.	61+30.00	62+92.00	162.00	162.00
I-55 N.B.	77+10.00	79+04.50	194.50	194.50

63100045 — TRAFFIC BARRIER TERMINAL, TYPE 2 — TOTAL 11 EACH

LOCATION	STA.	OFFSET	SUBTOTALS EACH
I-55	63+04.73	RT	1
I-55	79+04.73	RT	1
I-55	92+41.58	RT	1
I-55	87+95.50	LT	1
SB RAMP	7030+47.48	RT	1
IL 59	7479+49.84	RT	1
SB RAMP	7005+05.37	RT	1
NB RAMP	8031+60.77	LT	1
SEIL RD	4016+00.00	LT	1
SEIL RD	4017+95.42	LT	1
WEST FR	5500+75.00	RT	1

63100070 — TRAFFIC BARRIER TERMINAL, TYPE 5 — TOTAL 2 EACH

LOCATION	STA.	OFFSET	SUBTOTALS EACH
NB RAMP	8022+86.41	LT	1
NB RAMP	8023+11.59	RT	1

63100085 — TRAFFIC BARRIER TERMINAL, TYPE 6 — TOTAL 4 EACH

LOCATION	STA.	OFFSET	SUBTOTALS EACH
NB RAMP	8019+02.89	LT	1
NB RAMP	8019+27.41	RT	1
SEIL RD	401325.55	RT	1
SEIL RD	401537.89	RT	1

63100167 — TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) — TOTAL 8 EACH

LOCATION	STA.	OFFSET	SUBTOTALS EACH
I-55	60+76.27	RT	1
I-55	76+56.05	RT	1
I-55	90+00.00	RT	1
I-55	90+59.00	LT	1
SB RAMP	7001+31.53	RT	1
IL 59	7479+54.08	RT	1
SEIL RD	4012+75.55	RT	1
WEST FR	5498+40.00	RT	1

63100169 — TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED — TOTAL 3 EACH

	STATION	OFFSET	SUBTOTALS EACH
NBRP	8011+12.50	L	1
NBRP	8011+12.50	R	1
SBRP	7025+50.00	R	1

63200600 — STEEL PLATE BEAM GUARD RAIL REMOVAL, SINGLE RAIL — TOTAL 4,320 FOOT

STATION	STATION	LENGTH FT	OFFSET LT/RT		SUBTOTALS FOOT
88+87.45	92+17.45	330.00	RT	I-55 N.B.	330
119+15.00	121+41.00	226.00	RT		226
140+85.63	144+87.62	401.99	RT	I-55 S.B.	402
135+67.29	139+00.00	332.71	RT	I-55 N.B.	333
139+00.00	139+37.81	37.81	RT	I-55 N.B.	38
134+98.74	139+67.34	468.60	LT		469
142+35.01	149+35.16	700.15	LT		700
132+14.01	139+44.32	730.31	RT		730
139+44.32	139+95.55	51.23	RT		51
142+63.10	151+91.78	928.68	RT		929
2999+31.99	2999+96.14	64.15	RT		64
3020+58.30	3021+06.89	48.59	RT		49

63200700 — STEEL PLATE BEAM GUARD RAIL REMOVAL, DOUBLE RAIL — TOTAL 217 FOOT

STATION	STATION	LENGTH FT	OFFSET LT/RT	SUBTOTALS FOOT
149+35.16	151+52.61	217.45	LT	217.45

63500105 — DELINEATORS — TOTAL 206 EACH

	STA	STA	OFFSET	LENGTH	RADIUS	SPACING	NO.	MULT	EXTRA	SUBTOTALS EACH
SB I55	82+50	118+08	L	3558		400	9	1		9
SB I55	118+08	130+00	L	1192	5729	400	3	1		3
NB I55	85+00	118+08	R	3308		400	8	1		8
NB I55	118+08	126+00	R	792	5729	400	2	1		2
NB I55	137+00	141+00	R	400		400	1	1		1
SB I55	139+00	143+00	L	400		400	1	1		1
SBR	7026+12	7036+00		988		400	2	1		2
SBR	7021+27	7026+12		485	836	80	6	2	4	16
SBR	7018+75	7021+27		252		400	1	2		2
SBR	7010+99	7018+75		776	852	85	9	2	4	22
SBR	7005+00	7010+99		599		400	1	2		2
SBR	7001+00	7005+00		400		400	1	1		1
NBR	8000+00	8004+50		450		400	1	1		1
NBR	8004+50	8007+70		320	836	80	4	2	4	12
NBR	8007+70	8011+55		385		400	1	2		2
NBR	8011+55	8017+71		616	639	70	9	2	4	22
NBR	8017+71	8025+45		774		400	2	2		4
NBR	8025+45	8031+08		563	639	70	8	2	4	20
NBR	8031+08	8037+44		636		400	2	1		2
SEIL	4004+00	4018+00		1400		400	4	2		8
IL59	7476+72	7484+55		783		400	2	2		4
IL59	7484+55	7487+03		248		85	3	1	4	7
IL59	7487+03	7498+00		1097		400	3	1		3
EFR	6501+00	6505+18		418	1153	100	4	2	4	12
EFR	6505+18	6510+91		573		400	1	2		2
EFR	6510+91	6518+59		768	1099	90	9	2	4	22
EFR	6518+59	6523+21		462		400	1	2		2
EFR	6523+21	6527+86		465	1103	100	5	2	4	14
EFR	6527+86	6529+18		132		400	0	2		0

63500120 — DELINEATOR REMOVAL — TOTAL 20 EACH

	SUBTOTALS EACH
REMOVAL IS EXISTING DELINEATORS ALONG I-55 AS REQUIRED	20

63700157 — CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT (MODIFIED) — TOTAL 87 FOOT

STA.	STA.	SUBTOTALS FOOT
7520+73.25	7521+62.22	87

63700275 — CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT — TOTAL 46 FOOT

STA. NB RAMP	STA ON I-55	STA FT	LENGTH	SUBTOTALS FOOT
I55 MEDIAN	13988.9	14034.5	45.6	46

63700900 — CONCRETE BARRIER BASE — TOTAL 135 FOOT

STA	STA		SUBTOTALS FOOT
752073.25	752162.22	88.97	89
13988.9	14034.5	45.6	46

64200105 — SHOULDER RUMBLE STRIP — TOTAL 23,689 FOOT

LOCATION	STA.	STA.	SUBTOTALS FOOT
I-55 NB INSIDE SHOULDER	71+59.22	83+00.00	1,141
	83+00.00	98+00.00	1,500
	98+00.00	111+00.00	1,300
	111+00.00	126+00.00	1,500
	126+00.00	141+00.00	1,500
I-55 NB OUTSIDE SHOULDER	85+00.00	94+74.07	974
	100+14.29	111+00.00	1,086
	111+00.00	126+00.00	1,500
	126+00.00	140+49.53	1,450
I-55 SB INSIDE SHOULDER	74+32.21	83+00.00	868
	83+00.00	98+00.00	1,500
	98+00.00	111+00.00	1,300
	111+00.00	126+00.00	1,500
	126+00.00	141+00.00	1,500
I55 SB OUTSIDE SHOULDER	82+50.00	83+00.00	50
	83+00.00	95+07.08	1,207
	104+67.08	111+00.00	633
	111+00.00	126+00.00	1,500
	126+00.00	142+80.73	1,681

REVISIONS	
NAME	DATE
1 JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SCHEDULE OF QUANTITIES 20

SCALE: DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
303 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0300

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	48
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH — TOTAL 9,457 FOOT

LOCATION	"FROM STATION"	"TO STATION"	"LENGTH " FT	COLOR	X	LENGTH	%	MOT STAGE	SUBTOTALS FOOT
LANE	LINES	- 10'	DASH	30'	SKIP				
I55 SB	79+24.96	98+00.00	1875.04	WHITE	2	3750.08	25%	STAGE 1	937.52
	98+00.00	111+00.00	1300.00	WHITE	2	2600.00	25%	STAGE 1	650.00
	111+00.00	113+74.07	274.07	WHITE	2	548.14	25%	STAGE 1	137.04
I55 NB	71+59.22	98+00.00	2640.78	WHITE	2	5281.56	25%	STAGE 1	1,320.39
	98+00.00	107+42.48	942.48	WHITE	2	1884.96	25%	STAGE 1	471.24
I55 SB	108+19.30	111+00.00	280.70	WHITE	2	561.40	25%	STAGE 4A	140.35
	111+00.00	126+00.00	1,500.00	WHITE	2	3,000.00	25%	STAGE 4A	750.00
	126+00.00	145+19.00	1,919.00	WHITE	2	3,838.00	25%	STAGE 4A	959.50
I55 NB	108+09.00	111+00.00	291.00	WHITE	2	582.00	25%	STAGE 4A	145.50
	111+00.00	126+00.00	1,500.00	WHITE	2	3,000.00	25%	STAGE 4A	750.00
	126+00.00	142+71.00	1,671.00	WHITE	2	3,342.00	25%	STAGE 4A	835.50
I55 SB	134+50.00	149+50.00	1,500.00	WHITE	2	3,000.00	25%	STAGE 4B	750.00
I55 NB	130+50.00	145+50.00	1,500.00	WHITE	2	3,000.00	25%	STAGE 4B	750.00

X0325837 — TOTAL 2,097 FOOT

WET REFLECTIVE TEMPORARY TAPE, TYPE III, 6 INCH

STA.	STA.	LENGTH	TYPE OF LINE	STAGE	SUBTOTALS FOOT
7525+17.00	7527+68.00	251	2D-6S	PRESTAGE A	63
7525+17.00	7527+68.00	251	2D-6S	PRESTAGE A	63
7527+68.00	7528+77.00	109	SOLID	PRESTAGE A	109
7527+68.00	7528+77.00	109	SOLID	PRESTAGE A	109
7525+00.00	7527+68.00	268	2D-6S	PRESTAGE B	67
7525+00.00	7527+68.00	268	2D-6S	PRESTAGE B	67
1002+00.57	1003+33.61	133	2D-6S	PRESTAGE B	33
7525+17.00	7527+00.00	183	2D-6S	STAGE 1	46
7525+17.00	7527+00.00	183	2D-6S	STAGE 1	46
7527+00.00	7527+68.00	68	SOLID	STAGE 1	68
7527+00.00	7527+68.00	68	SOLID	STAGE 1	68
7525+26.00	7527+00.00	174	2D-6S	STAGE 2A	44
7527+00.00	7528+77.00	177	SOLID	STAGE 2A	177
7527+00.00	7528+77.00	177	SOLID	STAGE 2A	177
2983+56.00	2985+11.00	155	SOLID	STAGE 2B	155
7525+64.00	7527+00.00	136	2D-6S	STAGE 2B	34
7476+32.00	7477+50.00	118	SOLID	STAGE 3B	118
4016+50.00	4018+09.00	159	SOLID	STAGE 3B	159
8034+00.00	8036+10.00	210	SOLID	STAGE 3B	210
7477+50.00	7480+71.00	321	2D-6S	STAGE 3B	80
	PAVEMENT MARKING WEAR AND TEAR 10%				205

X0325841

WET REFLECTIVE TEMPORARY TAPE, TYPE III, 24 INCH — TOTAL 407 FOOT

LOCATION	"FROM STATION"	"TO STATION"	OFFSET	"LINE TYPE"	LENGTH FT	MEASURED BY CAD FT	"LINE WIDTH" FT	COLOR	MOT STAGE	SUBTOTALS FOOT
IL 59	7528+77.00		RT	SOLID		39	2	WHITE	STAGE 2A	39
SEIL	4010+52.70	4010+97.00	RT	SOLID	44.30		2	WHITE	STAGE 2A	44.3
SEIL	4010+89.00		LT	SOLID		14	2	WHITE	STAGE 2A	14
IL 59	7496+00.00		RT	SOLID		18	2	WHITE	STAGE 2A	18
IL 59	7496+00.00		RT	SOLID		23	2	WHITE	STAGE 2A	23
IL 59	2983+56.00		LT	SOLID		37	2	WHITE	STAGE 2B	37
SEIL	4009+25.00		RT	SOLID		20	2	WHITE	STAGE 3B	20
SEIL	4010+44.00	4010+87.00	RT	SOLID	43		2	WHITE	STAGE 3B	43
SEIL	4010+99.00		RT	SOLID		13	2	WHITE	STAGE 3B	13
SEIL	4018+10.00		RT	SOLID		61	2	WHITE	STAGE 3B	61
IL 59	7475+34.00		RT	SOLID		25	2	WHITE	STAGE 3B	25
IL 59	7476+32.00		LT	SOLID		33	2	WHITE	STAGE 3B	33
	PAVEMENT MARKING WEAR AND TEAR 10%									37

70400100

TEMPORARY CONCRETE BARRIER — TOTAL 7,375 FOOT

STAGE	LOCATION	STA	STA	LENGTH	NEW WALL NEEDED	WALL FROM PREVIOUS STAGE	"WALL FROM ON-SITE STAGE"	"RELOCATE WALL TO STORAGE"	"RELOCATED TO AND REMAINING IN STORAGE"	SUBTOTALS FOOT
PRESTAGE B1	IL59	7520+45.00	7522+40.00	210	210					210
PRESTAGE B2	IL59	7520+10.00	7522+47.00	240	30	210				30
STAGE 1	I55 NB	82+47.00	85+00.00	260	260					260
STAGE 1	I55 NB	85+00.00	105+00.00	2000	2000					2000
STAGE 1	I55 NB	105+00.00	108+10.00	310	310					310
STAGE 1	I55 NB	108+10.00	115+90.00	780	780					780
STAGE 1	I55 SB	119+00.00	120+12.00	110	110					110
STAGE 1	I55 SB	110+65.00	119+00.00	835	835					835
STAGE 1	I55 SB	109+00.00	110+65.00	165	165					165
STAGE 1	I55 SB	82+25.00	109+00.00	2675	2675					2675
STAGE 2A	I55 NB	95+65.00	101+09.00	544		544				
STAGE 2A	I55 SB	103+70.00	109+25.00	555		555				
WINTER STAGE (SURPLUS STORE WINTER)								3475	3475	
STAGE 2A1	NBRP	150+12.00	152+48.00	240			240		3235	
STAGE 2A2	NBRP	148+60.00	152+45.00	390		240	150		3085	
WINTER STAGE (SURPLUS STORE WINTER)								390	3475	
STAGE 3 PRE	RUNAROUND/SEIL	1011+87.00	1013+42.00	155			155		3320	
STAGE 3A	I55 SB	103+70.00	109+25.00	REMOVE				555	3875	
STAGE 3B	I55 NB	95+65.00	101+09.00	REMOVE				544	4419	
STAGE 4A	I55 SB	111+00.00	130+55.00				1955		2464	
STAGE 4A	I55 NB	130+55.00	131+80.00				130		2334	
STAGE 4A	I55 NB	111+09.00	112+50.00				144		2190	
STAGE 4A	I55 NB	112+50.00	127+50.00				1500		690	
STAGE 4A	I55 NB	136+65.00	137+05.00				40		650	
STAGE 4A	I55 NB	137+05.00	140+45.00				340		310	
STAGE 4A	I55 SB	139+65.00	141+25.00				160		150	
STAGE 4A	I55 SB	141+25.00	142+75.00				150			
STAGE 4B	I55 NB	137+14.00	141+00.00			386				
STAGE 4B	I55 SB	139+00.00	142+86.00			386				

X0325840 — TOTAL 6299 FOOT

WET REFLECTIVE TEMPORARY TAPE, TYPE III, 12 INCH

DIRECTION	LOCATION	"FROM STATION"	"TO STATION"	OFFSET	"LINE WIDTH" FT	COLOR	MOT STAGE	SUBTOTALS FOOT
NB	IL 59	7519+20.00	7528+78.00	LT & RT	1	YELLOW	PRESTAGE A	540
EB	SEIL RD	4008+69.26	4010+06.13	LT	1	WHITE	PRESTAGE B	78
EB	SEIL RD	4010+90.22	4012+01.31	LT	1	WHITE	PRESTAGE B	41
EB	SEIL RD	4011+53.58	4014+00.00	LT & RT	1	WHITE	PRESTAGE B	103
NB	IL 59	7523+00.00	7528+77.00	LT & RT	1	YELLOW	PRESTAGE B	644
NB	IL 59	7522+42.00	7528+77.00	LT & RT	1	YELLOW	PRESTAGE B	690
NB	IL 59	7520+44.00	7528+77.00	LT & RT	1	YELLOW	STAGE 1	1714
SB	I-55	85+00	110+00	LT	1	YELLOW	STAGE 1	25
NB	I-55	85+00	110+00	RT	1	YELLOW	STAGE 1	29
NB	I-55	110+00	110+00	RT	1	WHITE	STAGE 1	15
NB	IL 59	7522+32	7528+77	LT & RT	2	YELLOW	STAGE 2A	837
NB	IL 59	7522+00	7528+77	LT & RT	2	YELLOW	STAGE 2B	420
NB	IL 59	7476+24	7479+60	LT & RT	1	YELLOW	STAGE 3B	319
NB	IL 59	7489+00	7492+22	RT	1	YELLOW	STAGE 3B	17
NB	IL 59	7488+50	7493+50	RT	1	WHITE	STAGE 3B	254
		PAVEMENT MARKING WEAR AND TEAR 10%						572

70300550 — TOTAL 4,135 FOOT

WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 8 INCH

DIRECTION	LOCATION	STA.	STA	CALC LENGTH (FT)	MOT STAGE	SUBTOTALS FOOT
NB	I-55	68+29.00	77+01.00		STAGE 1	843
NB	I-55	71+59.00	77+01.00	542.00	STAGE 1	542
NB	I-55	71+59.00	81+76.00	1,017.00	STAGE 1	1,017
SB	I-55	74+30.00	75+06.00	76.00	STAGE 1	76
SB	I-55	74+30.00	75+06.00	76.00	STAGE 1	76
SB	I-55	75+03.00	78+03.00	300.00	STAGE 1	300
SB	I-55	78+03.00	82+00.00	397.00	STAGE 1	397
NB	IL 59	7493+17.00	7498+25.00	508.00	STAGE 3B	508
			PAVEMENT MARKING WEAR AND TEAR 10%			376

REVISIONS	
NAME	DATE
1 JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SCHEDULE OF QUANTITIES 23

SCALE:
DATE: 03/14/08
DRAWN BY: JB
CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/856-0300

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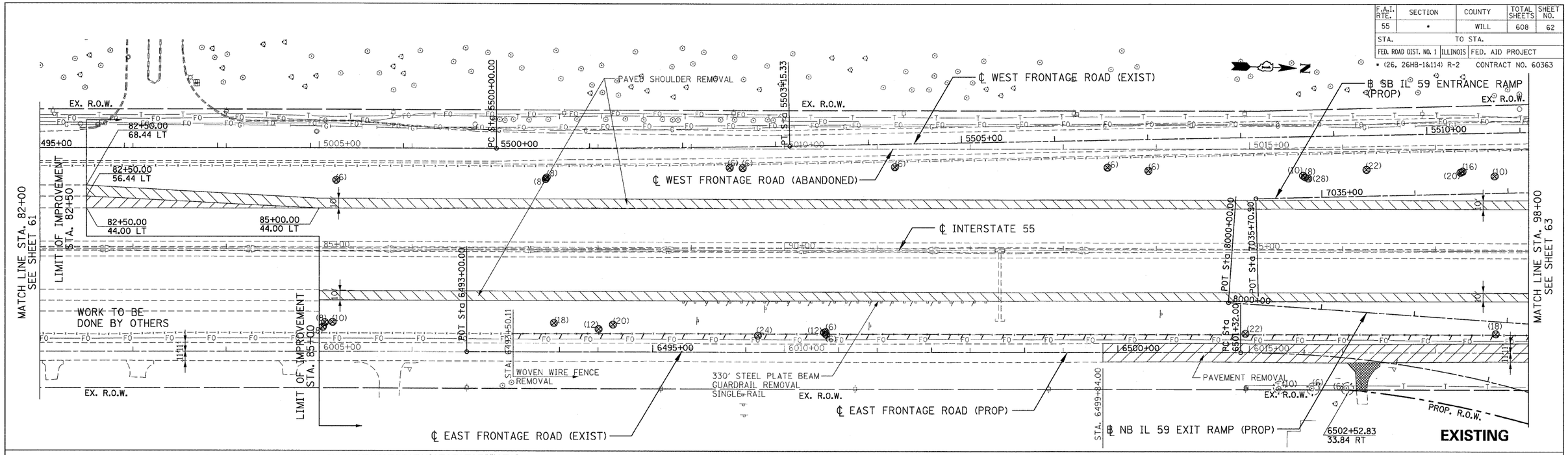
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	62
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCLUDES GORE AREAS)
- DRIVEWAY PAVEMENT REMOVAL (INCL. PARKING LOTS)
- AGGREGATE REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
- HOT-MIX ASPHALT SURFACE REMOVAL, 2" SEE SHEET 422 FOR DETAILS
- LINEAR REMOVALS
- (6) TREE REMOVAL (WITH DIAMETER)
- BUSH/ SHRUB REMOVAL (REMOVAL INCLUDED IN COST OF EARTHWORK)
- TREE TRUNK PROTECTION (TTP)

① NB & SB IL59 RAMPS
PCC PVT 9¾ JOINTD
STAB SUBBASE HMA 4
AGG SUBGRADE 12

② HMA SHOULDERS 8
AGG SUBGRADE 12

③ I-55 AUX LANE WIDENING
HMA PAVT FD 17
AGG SUBGRADE 12

④ HMA SHOULDERS 13
AGG SUBGRADE 12

⑤ IL ROUTE 59
PCC PVT 9¾ JOINTD
AGG SUBGRADE 12

⑥ SEIL ROAD
HMA PAVT FD 15¾
AGG SUBGRADE 12

⑦ EAST FRONTAGE ROAD
HMA PAVT FD 9
AGG SUBGRADE 12

⑧ PCC DRIVEWAY PAVT 8

⑨ PCC DRIVEWAY PAVT 6

NOTES:

1. SEE SHEET 216 TO SHEET 220 FOR DRAINAGE SCHEDULE.
2. COST OF PLANTER REMOVAL SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.
3. SEE SHEET 421 FOR DRIVEWAY SCH. ALL IL59 DRIVEWAYS SHALL BE HMA BEYOND R.O.W. LIMITS EXCEPT AS NOTED.

REVISIONS		
	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

EXISTING AND PROPOSED I-55 ROADWAY PLAN STA. 82+00 TO STA 98+000

SCALE: 1" = 50' DRAWN BY: JB

DATE: 03/14/08 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0500

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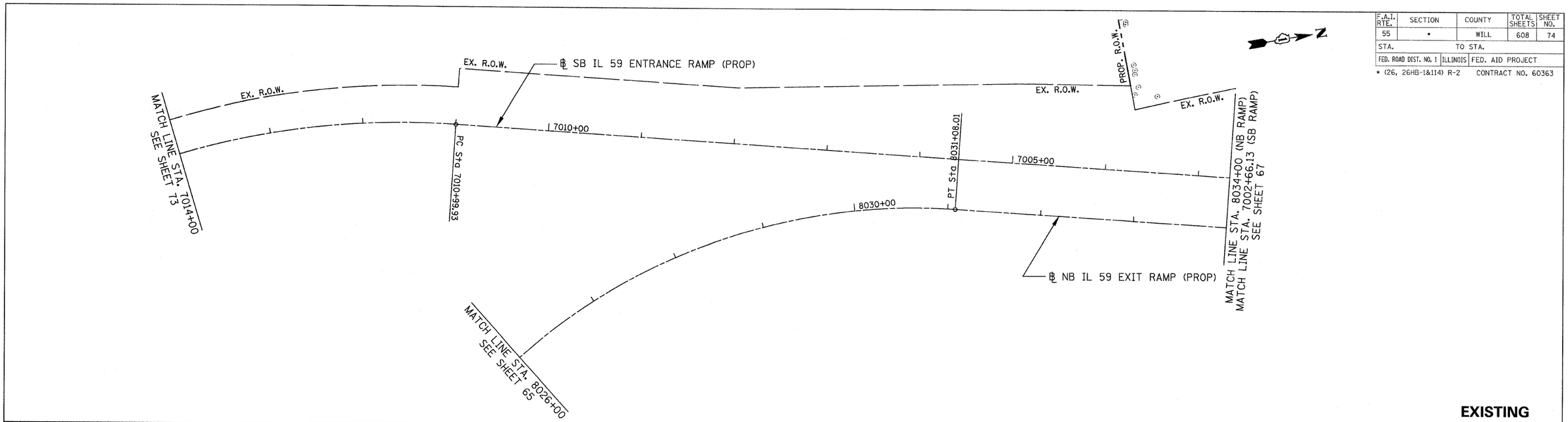
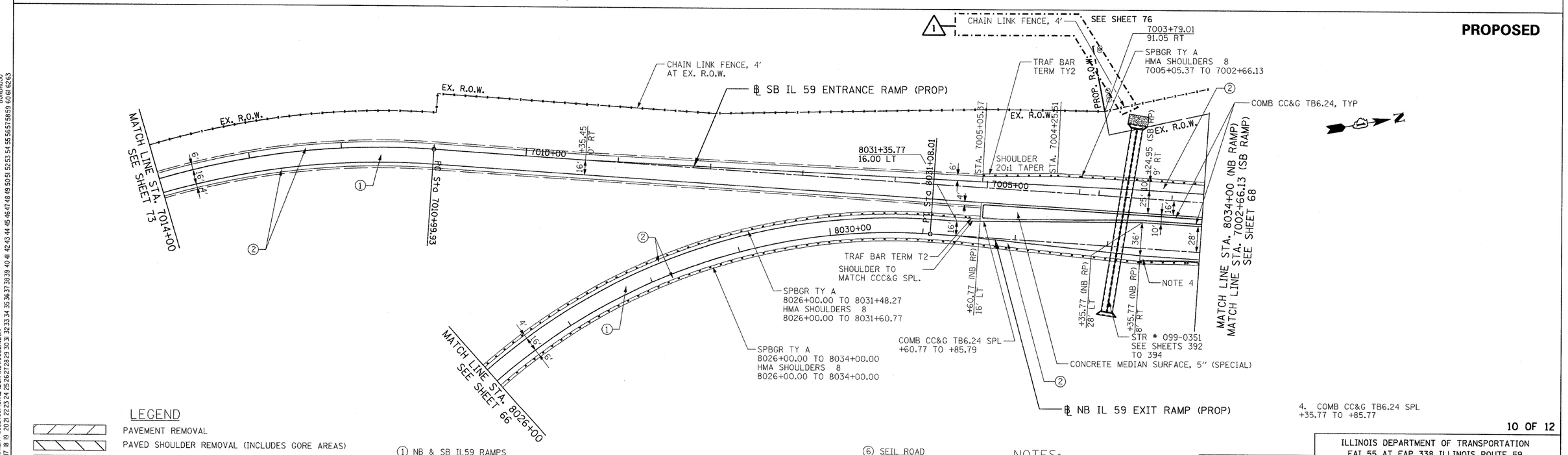
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	74
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363





4. COMB CC&G TB6.24 SPL
+35.77 TO +85.77

LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCLUDES GORE AREAS)
- DRIVEWAY PAVEMENT REMOVAL (INCL. PARKING LOTS)
- AGGREGATE REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
- HOT-MIX ASPHALT SURFACE REMOVAL, 2" SEE SHEET 422 FOR DETAILS
- LINEAR REMOVALS
- (6) TREE REMOVAL (WITH DIAMETER)
- BUSH/ SHRUB REMOVAL (REMOVAL INCLUDED IN COST OF EARTHWORK)
- TREE TRUNK PROTECTION (TTP)

(1) NB & SB IL59 RAMPS
PCC PVT 9¾ JOINTD
STAB SUBBASE HMA 4
AGG SUBGRADE 12

(2) HMA SHOULDERS 8
AGG SUBGRADE 12

(3) I-55 AUX LANE WIDENING
HMA PAVT FD 17
AGG SUBGRADE 12

(4) HMA SHOULDERS 13
AGG SUBGRADE 12

(5) IL ROUTE 59
PCC PVT 9¾ JOINTD
AGG SUBGRADE 12

(6) SEIL ROAD
HMA PAVT FD 15¾
AGG SUBGRADE 12

(7) EAST FRONTAGE ROAD
HMA PAVT FD 9
AGG SUBGRADE 12

(8) PCC DRIVEWAY PAVT 8

(9) PCC DRIVEWAY PAVT 6

NOTES:

1. SEE SHEET 216 TO SHEET 220 FOR DRAINAGE SCHEDULE.
2. COST OF PLANTER REMOVAL SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.
3. SEE SHEET 421 FOR DRIVEWAY SCH. ALL IL59 DRIVEWAYS SHALL BE HMA BEYOND R.O.W. LIMITS EXCEPT AS NOTED.

REVISIONS		
	NAME	DATE
1	JB	07/11/08

10 OF 12

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

EXISTING AND PROPOSED NB/SB RAMP ROADWAY PLAN STA. 7002+66 TO STA. 7014+00

SCALE: 1" = 50' DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	89
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

SUGGESTED CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC

NOTE:
(E) DENOTES EXISTING ALIGNMENT STATIONING
(P) DENOTES PROPOSED ALIGNMENT STATIONING

SUGGESTED STAGING SEQUENCE:
YEAR 1 - PRESTAGE A, PRESTAGE B AND STAGE 1
YEAR 2 - STAGES 2A & 2B
YEAR 3 - STAGES 3A, 3B, 4A & 4B

YEAR 3

STAGE 3 (PRE-STAGE 3 WORK ITEMS WHICH MUST BE COMPLETE PRIOR TO START OF STAGE 3A)

IL ROUTE 59, NB AND SB RAMPS, AND SEIL ROAD

1. THE PAVING OF IL59 FROM THE PROPOSED INTERSECTION TO STATION 7481+25 SHALL BE COMPLETED AND OPERATIONAL PRIOR TO START OF STAGE 3A
2. THE PAVING OF THE NB RAMP HALL BE COMPLETED AND OPERATIONAL PRIOR TO START OF STAGE 3A
3. THE PAVING OF THE SB RAMP HALL BE COMPLETED AND OPERATIONAL PRIOR TO START OF STAGE 3A
4. THE PAVING OF SEIL ROAD FROM STA 4014+00 TO THE INTERSECTION SHALL BE COMPLETED AND OPERATIONAL PRIOR TO START OF STAGE 3A
5. IN ORDER TO MINIMIZE CLOSURE TIME FOR THE NICOR DRIVEWAY, THE TEMPORARY RUNAROUND PAVEMENT FROM STATION 1011+15.64 TO STATION 1015+67.35 SHALL BE COMPLETED AND OPERATIONAL NO EARLIER THAN 1 WEEK PRIOR TO THE START OF STAGE 3A.

STAGE 3A (15 WORKING DAYS MAXIMUM ALLOWED)

IL ROUTE 59

1. SHIFT IL59 TRAFFIC FROM MANHARD RUNAROUND TO IDOT RUNAROUND ALIGNMENT AT INTERSECTION WITH IL59. REMOVE TEMP SIGNALS.
2. CLOSE EXISTING SB I-55 RAMP.
3. DETOUR IL59 ACCESS TO SB I-55 RAMP TO THE NORTH TO US52, SEE DETOUR PLANS ON SHEET 91.
4. CONSTRUCT PROPOSED NB IL59 LANES "GAP" BETWEEN RAISED IL59 AND EX. IL59 STA. 7481+25 TO STA. 7487+00.

SEIL RD

1. OPEN SEIL ROAD EAST OF STATION 4014+00 FOR EB SEIL ROAD TRAFFIC TO ACCESS NEW SB I-55 RAMP.
2. THE CONTRACTOR SHALL STAGE HIS CONSTRUCTION TO PROVIDE ACCESS AT ALL TIMES TO LOCAL RESIDENTIAL AND COMMERCIAL PROPERTIES ON SEIL ROAD AND THE HEARTLAND DEVELOPMENT.
3. CLOSE NICOR PROPERTY SOUTH DRIVEWAY TEMPORARILY. NORTH DRIVEWAY MUST REMAIN OPEN.

STAGE 3B (15 WORKING DAYS MAXIMUM ALLOWED)

IL ROUTE 59 AND I-55 RAMPS

1. AS SOON AS IL59 "GAP" IS CONSTRUCTED IN STAGE 3A, SHIFT IL59 TRAFFIC ONTO THE NEWLY CONSTRUCTED GAP PAVEMENT, AND THROUGH THE NEWLY CONSTRUCTED PROPOSED SEIL/ IL59 INTERSECTION.
2. OPEN THE PROPOSED NB RAMP AND CLOSE THE EXISTING NB RAMP PER DISTRICT DETAIL TC-8. ALL PROPOSED SIGNAGE MUST BE INSTALLED PRIOR TO THE OPENING OF THE PROPOSED RAMP AND CLOSING OF THE EXISTING RAMP.
3. MAINTAIN 2 WAY TRAFFIC ON THE NB IL59 THRU LANES (STANDARD 701431) AND REMOVE THE EXISTING WEST HALF OF THE IL59 PAVEMENT AND RECONSTRUCT THE SOUTHBOUND IL59 PAVEMENT GAP BETWEEN STA. 7481+25 TO STA. 7487+00.
4. REMOVE TEMPORARY RUNAROUND BETWEEN IL59 AND SEIL ROAD.

SEIL RD

1. SHIFT ALL SEIL TRAFFIC TO NEWLY CONSTRUCTED SOUTH HALF OF SEIL ROAD.
2. CONSTRUCT NORTH HALF OF SEIL ROAD BETWEEN STATION 4009+00 TO 4014+00.
3. THE CONTRACTOR SHALL STAGE HIS CONSTRUCTION TO PROVIDE ACCESS AT ALL TIMES TO LOCAL RESIDENTIAL AND COMMERCIAL PROPERTIES ON SEIL ROAD AND THE HEARTLAND DEVELOPMENT.

STAGE 4A

IL ROUTE 59 & I-55 RAMPS

1. CONSTRUCT THE IL. RTE 59 MEDIANS.
2. REMOVE EXISTING NB AND SB RAMP PAVEMENTS.
3. REMOVE EXISTING NORTHBOUND RAMP BRIDGE AND SUBSTRUCTURE (PIER TO BE REMOVED IN STAGE 4B).
4. CONSTRUCT NB AND SB I-55 OUTSIDE SHOULDERS AS NOTED IN THE PLANS. STAGING - SHIFT 3 LANES OF TRAFFIC IN BOTH DIRECTIONS ON I-55 TOWARD MEDIAN USING DISTRICT ONE STANDAR FOR MULTI LANE WEAVE (TC-09).

EAST FRONTAGE ROAD

1. CONSTRUCT THE PROPOSED EAST FRONTAGE ROAD FULL DEPTH PAVEMENT FROM STATION 6499+84 TO STATION 6529+18 PER STANDARD 701201.
2. PLACE FINAL AGGREGATE SHOULDER.

STAGE 4B

IL ROUTE 59 & I-55 RAMPS

1. REMOVE EXISTING NB RAMP BRIDGE PIER. STAGING - SHIFT 3 LANES OF TRAFFIC IN BOTH DIRECTIONS ON I-55 TOWARD THE OUTSIDE SHOULDER USING DISTRICT ONE STANDARD FOR MULTI LANE WEAVE (TC-09).
2. CONSTRUCT THE RUMBLE STRIPS ON I-55 DURING NIGHT TIME STATIONARY CLOSURES (STANDARD 701401). WORK SHALL NOT BE DONE CONCURRENTLY ON BOTH SIDES OF I-55 IN A SINGLE DIRECTION (NB OR SB).
3. COMPLETE ANY REMAINING PAVEMENT MARKING AND LANDSCAPING ITEMS.

GENERAL NOTES

1. THE CONTRACTOR SHALL ALWAYS MAINTAIN THREE LANES OF TRAFFIC PER DIRECTION ON FAI RTE 55 WITH THE EXCEPTION OF HOURS AS NOTED IN THE SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL ALWAYS MAINTAIN TWO WAY TRAFFIC ON ILLINOIS RTE 59, EXCEPT AS NOTED IN THE PLANS.
3. THE CONTRACTOR SHALL ALWAYS MAINTAIN ONE LANE OF TRAFFIC ON THE EXPRESSWAY RAMPS. EXISTING EXPRESSWAY RAMPS SHALL REMAIN OPEN UNTIL COMPLETION OF PROPOSED RAMPS.
4. THE CONTRACTOR SHALL PROVIDE ALL SIGNS, VERTICAL PANELS, TYPE III BARRICADES, DRUMS OR LATEST TYPE II PLASTIC BARRICADES, ALL TEMPORARY CONCRETE BARRIERS AND PROTECTION NECESSARY FOR THE MAINTENANCE OF TRAFFIC PER THE STANDARDS SPECIFIED, THE SPECIFIC APPLICATIONS NOTED IN THE PLANS, AND AS DIRECTED BY THE ENGINEER.
5. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS AND EROSION CONTROL THROUGHOUT STAGED CONSTRUCTION DURING THE DURATION OF THE PROJECT.
6. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL PUBLIC AND PRIVATE ENTRANCES.
7. THE CONTRACTOR SHALL COORDINATE THE WORK WITH THE CONTRACTORS ON THE ADJACENT CONTRACT NO. 62895 ALONG I-55 AND CONTRACT NO. 62416 ALONG IL ROUTE 59.
8. THE CONTRACTOR SHALL COORDINATE THE SEIL ROAD CLOSURE (WEST OF THE WEST FRONTAGE ROAD) TO THROUGH TRAFFIC (LOCAL ACCESS MAINTAINED) WITH THE LOCAL POLICE AND FIRE DEPARTMENTS AND THE VILLAGE OF SHOREWOOD.
9. THE CONTRACTOR SHALL NOT CLOSE FAI RTE 55 FOR MORE THAN 15 MINUTES IN ONE DIRECTION FOR ERECTION OF THE BEAMS FOR THE PROPOSED NORTHBOUND IL. RTE 59 EXIT RAMP OVER FAI RTE 55 OR REMOVAL OF THE EXISTING RAMP BRIDGE, ALL IN ACCORDANCE WITH THE RESTRICTIONS CONTAINED IN THE SPECIAL PROVISIONS.
10. THE CONTRACTOR SHALL USE WET REFLECTIVE TEMPORARY TAPE, TYPE III FOR STAGING TRAFFIC ON ALL PERMANENT SURFACES OR EXISTING SURFACES TO REMAIN. THE I-55 PAVEMENT MARKING LANES DURING WINTER STAGE WILL BE AN EXCEPTION, EPOXY PAVEMENT MARKINGS SHALL BE USED IN THIS CASE.
11. ALL TYPE II BARRICADES, DRUMS AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS.
12. ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.
13. ALL CONSTRUCTION WARNING SIGNS SHALL BE 48" × 48".
14. ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS (W 20-1) SHALL BE EQUIPPED WITH HIGH INTENSIVITY FLASHING LIGHTS AND 18" × 18" ORANGE FLAGS
15. VERTICAL PANELS PLACED BEHIND GUARDRAIL SHALL BE BANDED TO THE GUARDRAIL POST. THIS WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
16. THE RECONSTRUCTION OF IL ROUTE 59 NORTH OF U.S. ROUTE 52 IS TO BE DONE BY OTHERS (CONTRACT 62416). THE CONTRACTOR SHALL COORDINATE MAINTENANCE OF TRAFFIC ALONG IL ROUTE 59 WITH THE CONTRACTOR FOR CONTRACT 62416 TO ensure CONTINUITY AND SAFETY FOR TRAFFIC BETWEEN THE TWO CONTRACTS.
17. ALL TEMPORARY CONCRETE BARRIER SHALL BE CONTRACTOR FURNISHED.
18. TEMPORARY PAVEMENT MARKINGS PLACED ON PERMANENT PAVEMENT THAT REQUIRE REMOVAL SHALL NOT BE REMOVED BY GRINDING. A WATER BLASTER WITH VACUUM RECOVERY SHALL BE USED AS DIRECTED BY THE ENGINEER.
19. TREE REMOVALS SHOWN ON THE STAGING PLANS INDICATE REMOVAL IN PRE-STAGE A. THE ACTUAL STAGE OF REMOVAL SHALL BE COMPATIBLE WITH STAGING REQUIREMENTS AND MEET THE ENGINEERS APPROVAL.
20. THE WINTER STAGE PAVEMENT MARKINGS ON I-55 SHALL BE EPOXY AS NOTED. THE INSIDE SHOULDER LINE AND TWO LANE LINES SHALL BE INSTALLED PER THE PERMANENT PAVEMENT MARKING PLANS AS DIRECTED BY THE ENGINEER.
21. THE SPEED LIMIT ALONG IL ROUTE 59 SHALL BE REDUCED TO A CONTINUOUS 35 MPH FROM SEIL ROAD TO US ROUTE 52 DURING CONSTRUCTION STAGING OF IL ROUTE 59 (STAGES 2 THRU 3). ALL CONFLICTING SPEED LIMIT SIGNING SHALL BE COVERED DURING CONSTRUCTION STAGING.
22. THE SIDE STREETS ALONG IL ROUTE 59 SHALL BE RECONSTRUCTED PER THE SPECIAL PROVISION FOR WORK RESTRICTIONS. THE CONTRACTOR SHALL PROVIDE "CONSTRUCTION AHEAD" SIGNS AND DIRECTIONAL ARROWS ALONG SIDE STREETS AS APPLICABLE PER TC-10 WHEN IL ROUTE 59 IS UNDER STAGED CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AND PLACE STOP SIGNS AND UTILIZE TEMPORARY PAVEMENT MARKING TAPE FOR STOP BARS AND EXTENSION OF CENTERLINES AT SIDE STREETS AS REQUIRED TO MAINTAIN ACCESS DURING CONSTRUCTION.
23. THE CONTRACTOR SHALL UTILIZE WET REFLECTIVE TEMPORARY TAPE, TYPE III AT ALL LOCATIONS WHERE PAVEMENT MARKING TAPE, TYPE III IS SPECIFIED IN THESE CONTRACT PLANS.

MOT02

REVISIONS	
NAME	DATE
1 JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC SUGGESTED CONSTR. STAGING (2 OF 2) & GENERAL NOTES

SCALE: 1" = 50' DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG
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205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0060

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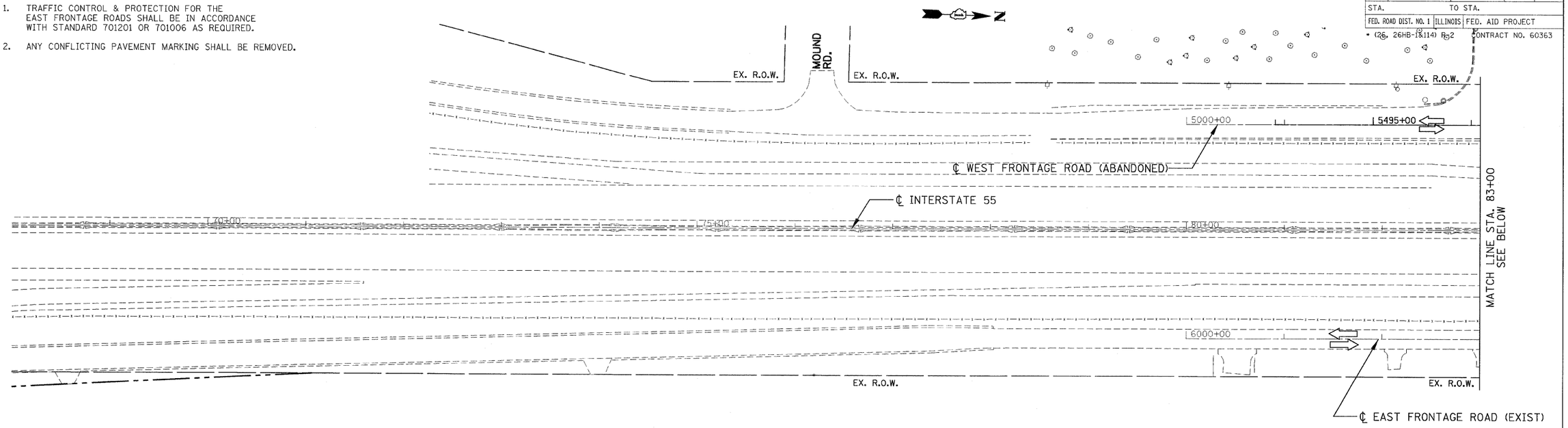
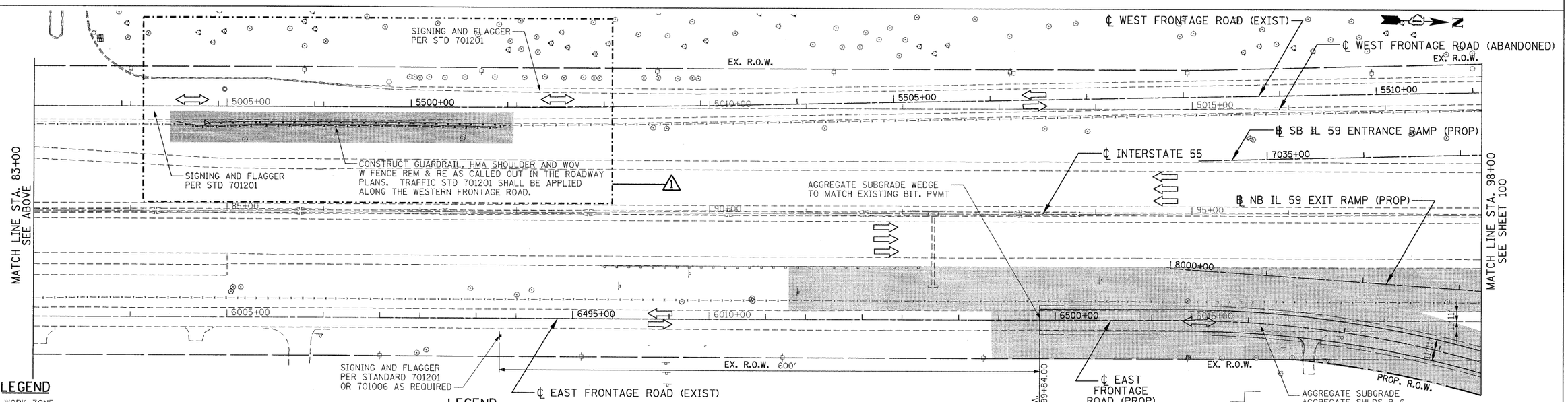
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	99
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

NOTES :

1. TRAFFIC CONTROL & PROTECTION FOR THE EAST FRONTAGE ROADS SHALL BE IN ACCORDANCE WITH STANDARD 701201 OR 701006 AS REQUIRED.
2. ANY CONFLICTING PAVEMENT MARKING SHALL BE REMOVED.





LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMP. PVMT - PREVIOUS STAGE
- CLASS D PATCHES (TYPE AND THICKNESS SPECIFIED AT EACH PATCH LOCATION)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCL. GORES)
- TRAFFIC FLOW
- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP. TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER

LEGEND

1. EPOXY PAVEMENT MARKING - LINE 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING - 4" (WHITE)
3. TEMPORARY PAVEMENT MARKING - 4" (YELLOW)
3A. TEMPORARY PAVEMENT MARKING - 4" (YELLOW),10' DASH-30'SKIP
4. EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)
5. TEMPORARY PAVEMENT MARKING - 8" (WHITE)
6. TEMPORARY PAVEMENT MARKING - 12" (WHITE)
7. EPOXY PAVEMENT MARKING - LINE 5" (WHITE) 10' DASH-30' SKIP
8. TEMPORARY PAVEMENT MARKING - 24" (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW)
11A. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW), 10' DASH-30' SKIP
12. PAVEMENT MARKING TAPE, TYPE III - 6" (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 8" (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 12" (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 12" (YELLOW)
16. PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)
17. PAVEMENT MARKING TAPE, TYPE III - 5" (WHITE), 10' DASH-30' SKIP

MOT12

REVISIONS	
NAME	DATE
1 JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC PRE-STAGE A STA. 68+00 TO STA. 98+00

SCALE: 1" = 50' DRAWN BY: JB

DATE: 03/14/08 CHECKED BY: ACL

TENG

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TELEPHONE: 312/616-0800

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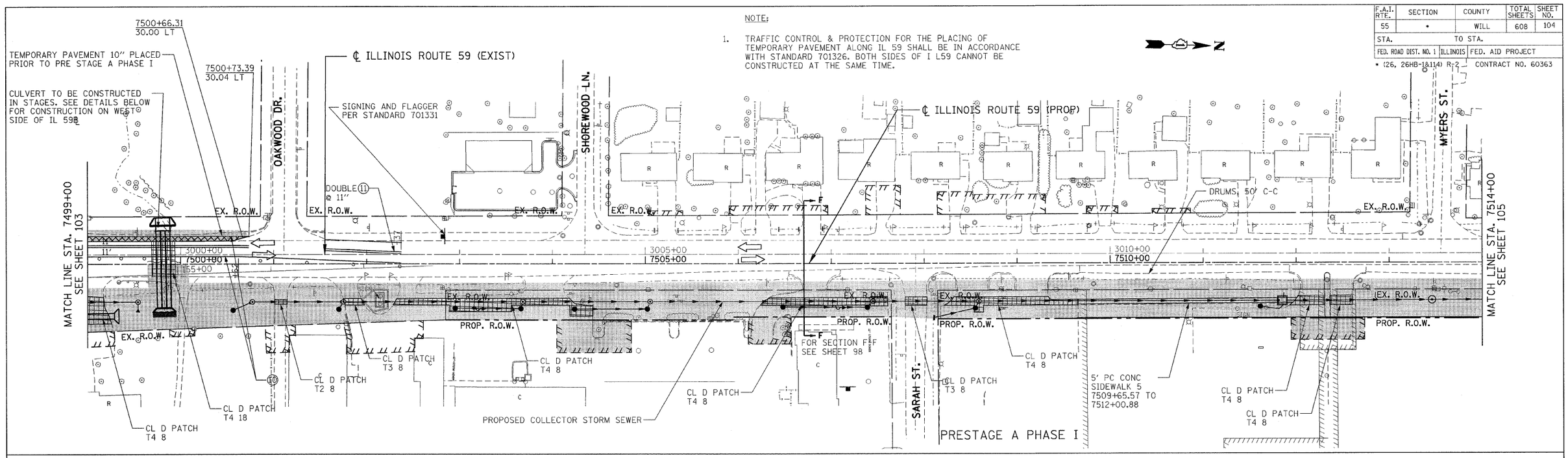
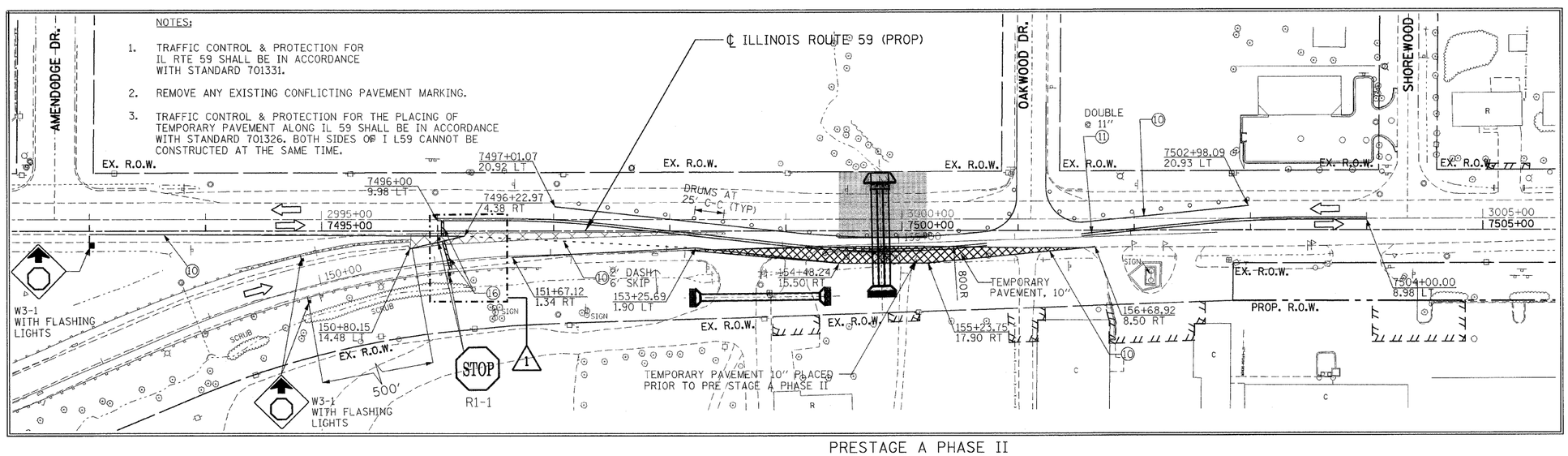
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	104
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 — CONTRACT NO. 60363

NOTE:

1. TRAFFIC CONTROL & PROTECTION FOR THE PLACING OF TEMPORARY PAVEMENT ALONG IL 59 SHALL BE IN ACCORDANCE WITH STANDARD 701326. BOTH SIDES OF I L59 CANNOT BE CONSTRUCTED AT THE SAME TIME.





PRESTAGE A PHASE II

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMP. PVMT - PREVIOUS STAGE
- CLASS D PATCHES (TYPE AND THICKNESS SPECIFIED AT EACH PATCH LOCATION)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCL. GORES)
- TRAFFIC FLOW
- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP. TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER

LEGEND

1. EPOXY PAVEMENT MARKING - LINE 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING - 4" (WHITE)
3. TEMPORARY PAVEMENT MARKING - 4" (YELLOW)
3A. TEMPORARY PAVEMENT MARKING - 4" (YELLOW),10' DASH-30'SKIP
4. EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)
5. TEMPORARY PAVEMENT MARKING - 8" (WHITE)
6. TEMPORARY PAVEMENT MARKING - 12" (WHITE)
7. EPOXY PAVEMENT MARKING - LINE 5" (WHITE) 10' DASH-30' SKIP
8. TEMPORARY PAVEMENT MARKING - 24" (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW)
11A. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW), 10' DASH-30' SKIP
12. PAVEMENT MARKING TAPE, TYPE III - 6" (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 8" (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 12" (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 12" (YELLOW)
16. PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)
17. PAVEMENT MARKING TAPE, TYPE III - 5" (WHITE), 10' DASH-30' SKIP

MOT17

REVISIONS

	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC PRE STAGE A STA. 7499+00 TO STA. 7514+00

SCALE: 1" = 50' — DRAWN BY: JB

DATE: 03/14/08 — CHECKED BY: ACL

TENG

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205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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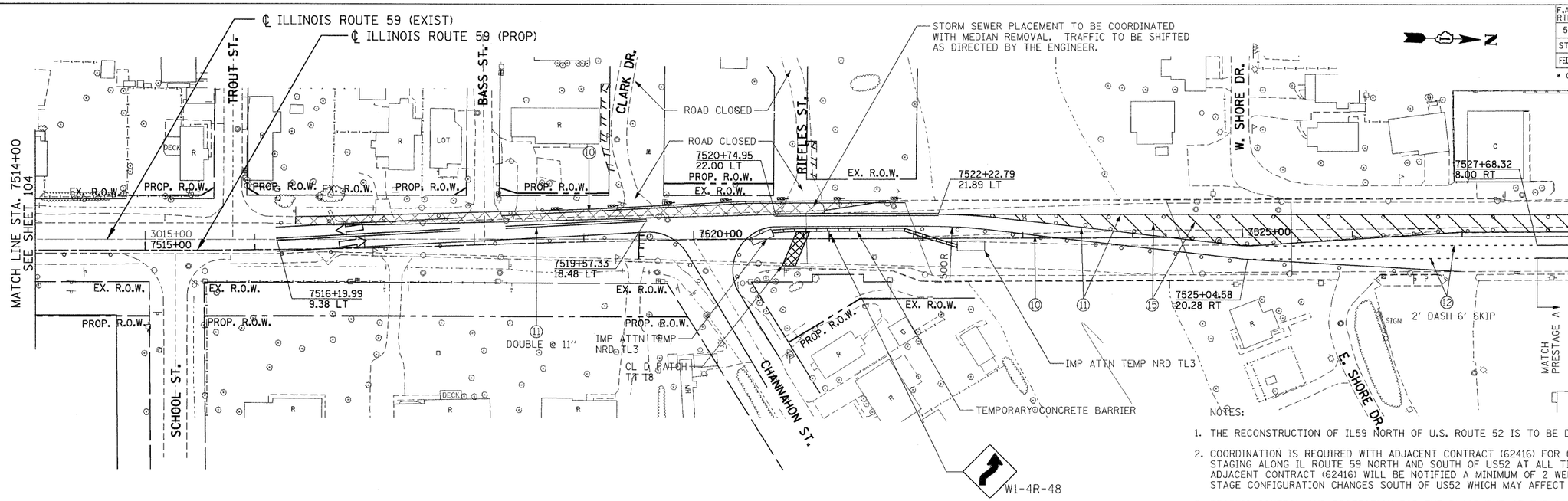
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	110
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

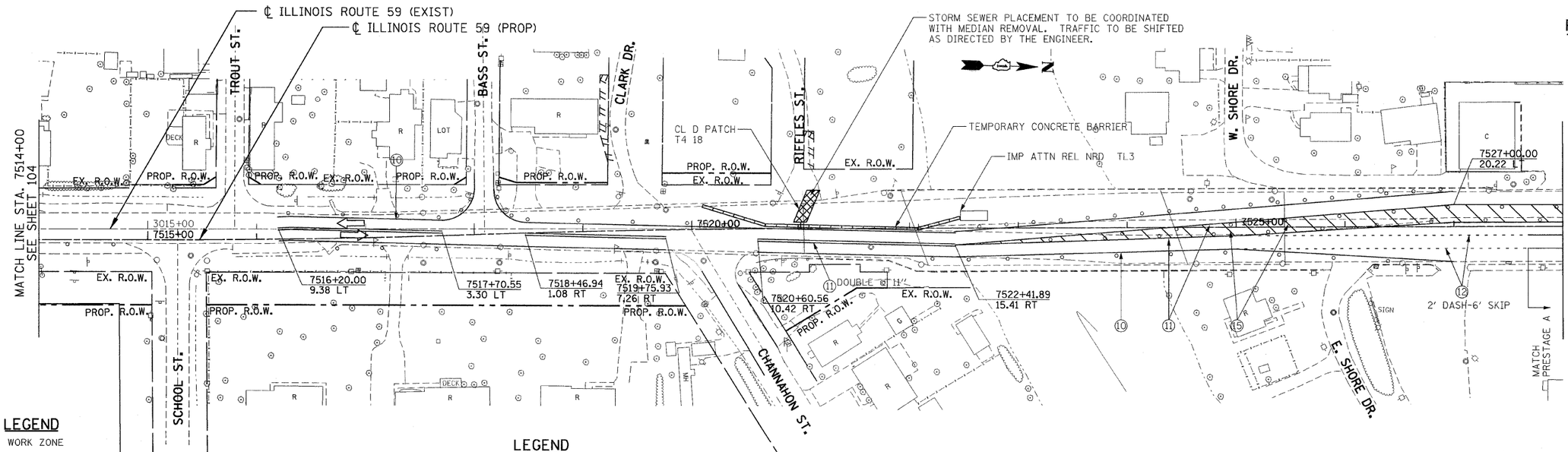
* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



PRESTAGE B (PHASE I)

NOTES:

1. THE RECONSTRUCTION OF IL59 NORTH OF U.S. ROUTE 52 IS TO BE DONE BY OTHERS.
2. COORDINATION IS REQUIRED WITH ADJACENT CONTRACT (62416) FOR COMPATIBILITY OF ROADWAY STAGING ALONG IL ROUTE 59 NORTH AND SOUTH OF US52 AT ALL TIMES. THE ENGINEER FOR THE ADJACENT CONTRACT (62416) WILL BE NOTIFIED A MINIMUM OF 2 WEEKS IN ADVANCE OF ANY POTENTIAL STAGE CONFIGURATION CHANGES SOUTH OF US52 WHICH MAY AFFECT THE STAGING NORTH OF US52.
3. TRAFFIC CONTROL AND PROTECTION FOR THE PLACEMENT OF THE 90" STORM SEWER SHALL BE IN ACCORDANCE WITH STANDARD 701331.



PRESTAGE B (PHASE II)

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMP. PVMT - PREVIOUS STAGE
- CLASS D PATCHES (TYPE AND THICKNESS SPECIFIED AT EACH PATCH LOCATION)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCL. GORES)
- TRAFFIC FLOW
- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP. TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER

LEGEND

1. EPOXY PAVEMENT MARKING - LINE 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING - 4" (WHITE)
3. TEMPORARY PAVEMENT MARKING - 4" (YELLOW)
5A. TEMPORARY PAVEMENT MARKING - 4" (YELLOW),10' DASH-30'SKIP
4. EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)
5. TEMPORARY PAVEMENT MARKING - 8" (WHITE)
6. TEMPORARY PAVEMENT MARKING - 12" (WHITE)
7. EPOXY PAVEMENT MARKING - LINE 5" (WHITE) 10' DASH-30' SKIP
8. TEMPORARY PAVEMENT MARKING - 24" (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW)
11A. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW), 10' DASH-30' SKIP
12. PAVEMENT MARKING TAPE, TYPE III - 6" (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 8" (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 12" (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 12" (YELLOW)
16. PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)
17. PAVEMENT MARKING TAPE, TYPE III - 5" (WHITE), 10' DASH-30' SKIP

MOT23

REVISIONS	
NAME	DATE
1 JB - ENTIRE SHEET REVISED	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC PRE STAGE B STA. 7514+00 TO LIMIT

SCALE: 1" = 50' DRAWN BY: JB

DATE: 03/14/08 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
300 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

..\ALTOOR46.DGN, ..\SUROOR15.DGN, ..\SUROOR19LDGN, ..\TPOOOR2P.DGN, ..\TPOOOR2T.DGN, ..\NROWOOR01.DGN, ..\NROWOOR01LDGN, ..\ALTOOR46.DGN, ..\SUROOR1LLDGN, ..\SUROOR5V.DGN, ..\EXHOOR1LSLDGN, ..\SUROOR5VLDGN,
7-14-2008, 8:41:50 T:\DOCUMENT\1032790\CTIL\DGN\MOT0087.DGN LEEAC
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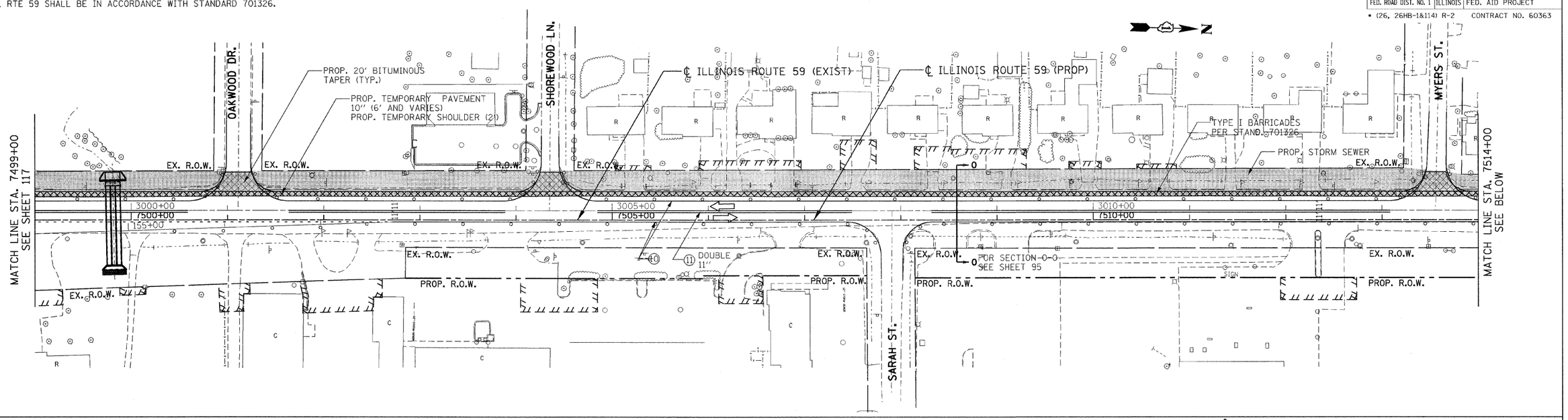
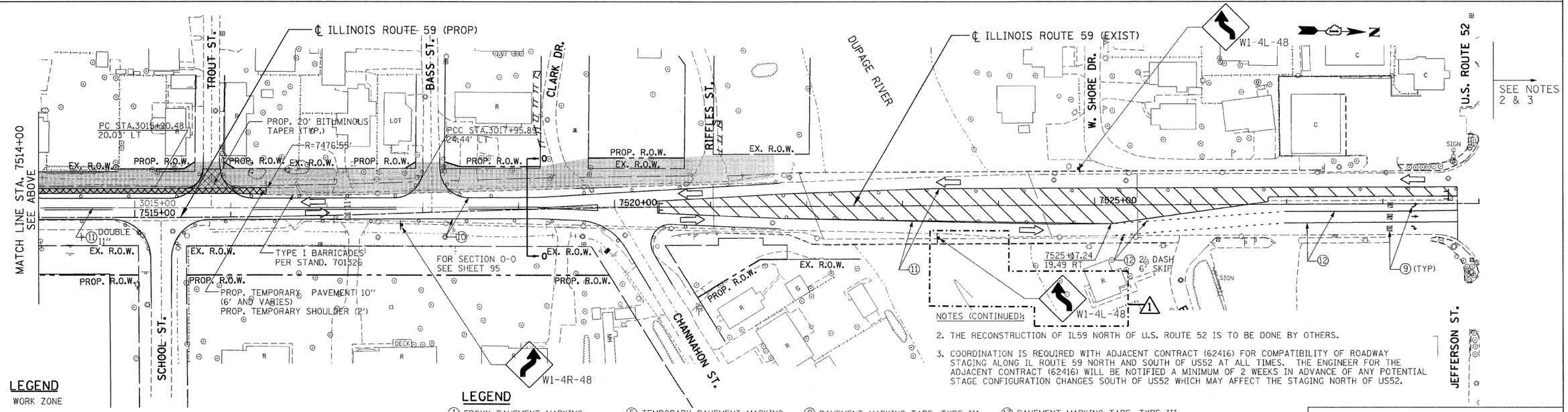
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	118
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

NOTES (CONTINUED BELOW):

1. TRAFFIC CONTROL & PROTECTION FOR THE TEMPORARY PAVEMENT ADJACENT TO EXISTING IL RTE 59 SHALL BE IN ACCORDANCE WITH STANDARD 701326.





NOTES (CONTINUED):

2. THE RECONSTRUCTION OF IL59 NORTH OF U.S. ROUTE 52 IS TO BE DONE BY OTHERS.

3. COORDINATION IS REQUIRED WITH ADJACENT CONTRACT (62416) FOR COMPATIBILITY OF ROADWAY STAGING ALONG IL ROUTE 59 NORTH AND SOUTH OF US52 AT ALL TIMES. THE ENGINEER FOR THE ADJACENT CONTRACT (62416) WILL BE NOTIFIED A MINIMUM OF 2 WEEKS IN ADVANCE OF ANY POTENTIAL STAGE CONFIGURATION CHANGES SOUTH OF US52 WHICH MAY AFFECT THE STAGING NORTH OF US52.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMP. PVMT - PREVIOUS STAGE
- CLASS D PATCHES (TYPE AND THICKNESS SPECIFIED AT EACH PATCH LOCATION)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCL. GORES)
- TRAFFIC FLOW
- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP. TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER

LEGEND

1. EPOXY PAVEMENT MARKING - LINE 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING - 4" (WHITE)
3. TEMPORARY PAVEMENT MARKING - 4" (YELLOW)
3A. TEMPORARY PAVEMENT MARKING - 4" (YELLOW),10' DASH-30'SKIP
4. EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)
5. TEMPORARY PAVEMENT MARKING - 8" (WHITE)
6. TEMPORARY PAVEMENT MARKING - 12" (WHITE)
7. EPOXY PAVEMENT MARKING - LINE 5" (WHITE) 10' DASH-30' SKIP
8. TEMPORARY PAVEMENT MARKING - 24" (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW)
11A. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW), 10' DASH-30' SKIP
12. PAVEMENT MARKING TAPE, TYPE III - 6" (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 8" (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 12" (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 12" (YELLOW)
16. PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)
17. PAVEMENT MARKING TAPE, TYPE III - 5" (WHITE), 10' DASH-30' SKIP

MOT31

REVISIONS	
NAME	DATE
1 JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC STAGE 1
STA. 7499+00 TO STA. 7527+00

SCALE: 1" = 50' DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG

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..\ALTOORHG.DGN, ..\SUROORLD.DGN, ..\SUROORLD2.DGN, ..\SUROORV.DGN, ..\TPOOORCP.DGN, ..\ROWOORONLDGN, ..\TBOORNLDGN, ..\ROWOORONLDGN, ..\ROWOORONLDGN,
..\ALTOORHG.DGN, ..\SUROORLD.DGN, ..\SUROORV.DGN, ..\TPOOORCP.DGN, ..\ROWOORONLDGN, ..\TBOORNLDGN, ..\ROWOORONLDGN, ..\ROWOORONLDGN,
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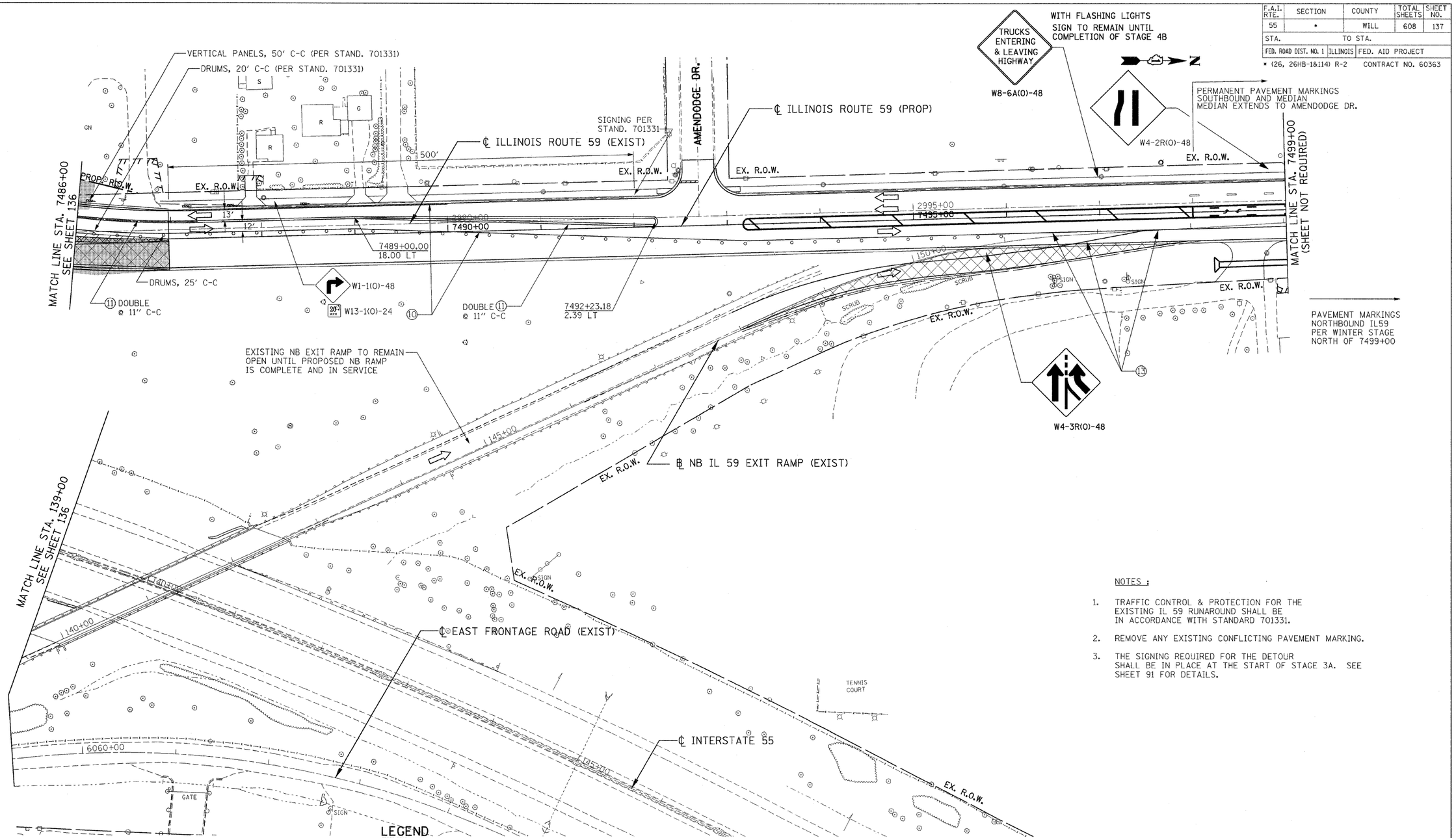
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	137
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



NOTES :

1. TRAFFIC CONTROL & PROTECTION FOR THE EXISTING IL 59 RUNAROUND SHALL BE IN ACCORDANCE WITH STANDARD 701331.
2. REMOVE ANY EXISTING CONFLICTING PAVEMENT MARKING.
3. THE SIGNING REQUIRED FOR THE DETOUR SHALL BE IN PLACE AT THE START OF STAGE 3A. SEE SHEET 91 FOR DETAILS.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMP. PVMT - PREVIOUS STAGE
- CLASS D PATCHES (TYPE AND THICKNESS SPECIFIED AT EACH PATCH LOCATION)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCL. GORES)
- TRAFFIC FLOW
- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP. TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER

LEGEND

1. EPOXY PAVEMENT MARKING - LINE 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING - 4" (WHITE)
3. TEMPORARY PAVEMENT MARKING - 4" (YELLOW)
3A. TEMPORARY PAVEMENT MARKING - 4" (YELLOW),10' DASH-30'SKIP
4. EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)
5. TEMPORARY PAVEMENT MARKING - 8" (WHITE)
6. TEMPORARY PAVEMENT MARKING - 12" (WHITE)
7. EPOXY PAVEMENT MARKING - LINE 5" (WHITE) 10' DASH-30' SKIP
8. TEMPORARY PAVEMENT MARKING - 24" (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW)
11A. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW), 10' DASH-30' SKIP
12. PAVEMENT MARKING TAPE, TYPE III - 6" (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 8" (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 12" (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 12" (YELLOW)
16. PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)
17. PAVEMENT MARKING TAPE, TYPE III - 5" (WHITE), 10' DASH-30' SKIP

REVISIONS	
NAME	DATE
1 JB - ENTIRE SHEET REVISED	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC STAGE 3A
STA. 7486+00 TO STA. 7499+00

SCALE: 1' = 50' DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG

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205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0600

~\ALTGORH6.DGN, ~\SUROORLD.DGN, ~\EMGORLD.DGN, ~\SUROORBV.DGN, ~\TFCOORCP.DGN, ~\RDWOORHD.DGN, ~\TTBCORKN.DGN, ~\RDWOORGO.DGN, ~\MOTOOWB.DGN, ~\MOTOOWS.DGN, ~\MOTOOWE.DGN, ~\MOTOOSG.DGN, ~\MOTOOTST.DGN, ~\MOTOO2D.DGN,
7-14-2008, 8:44:5 T:\DOCUMENT\13572\PROJECT\DGN\MOTOOSF6.DGN EEAC
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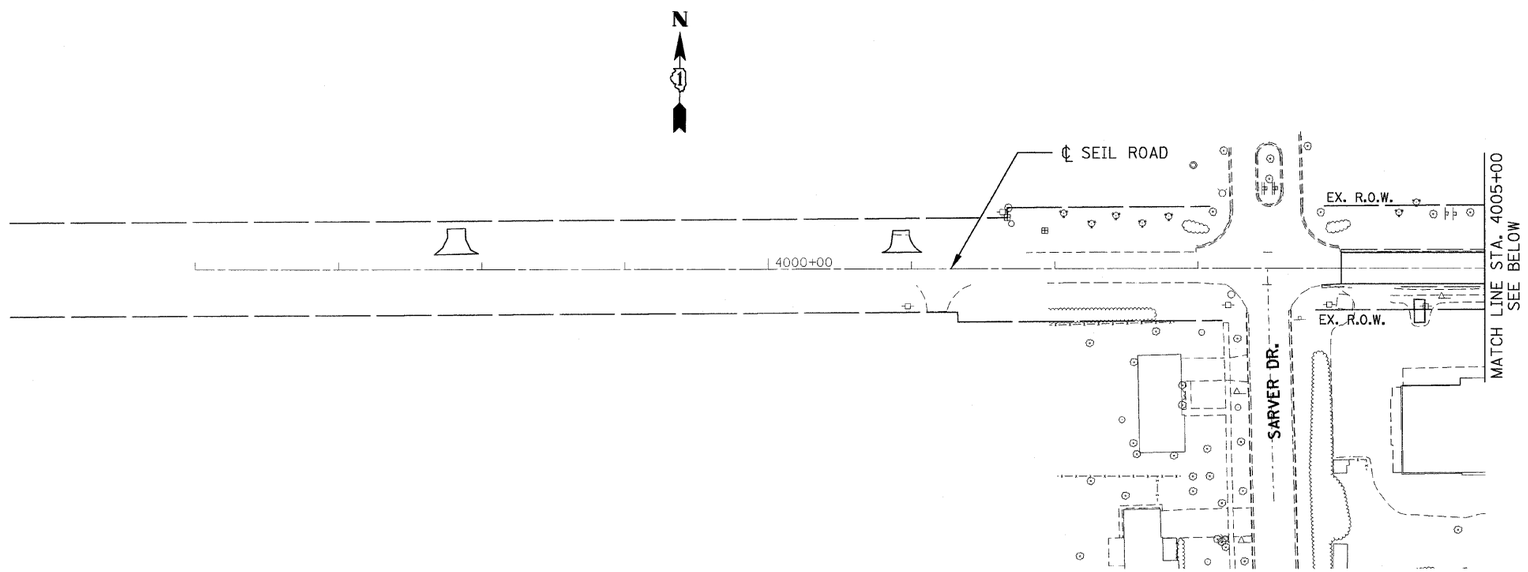
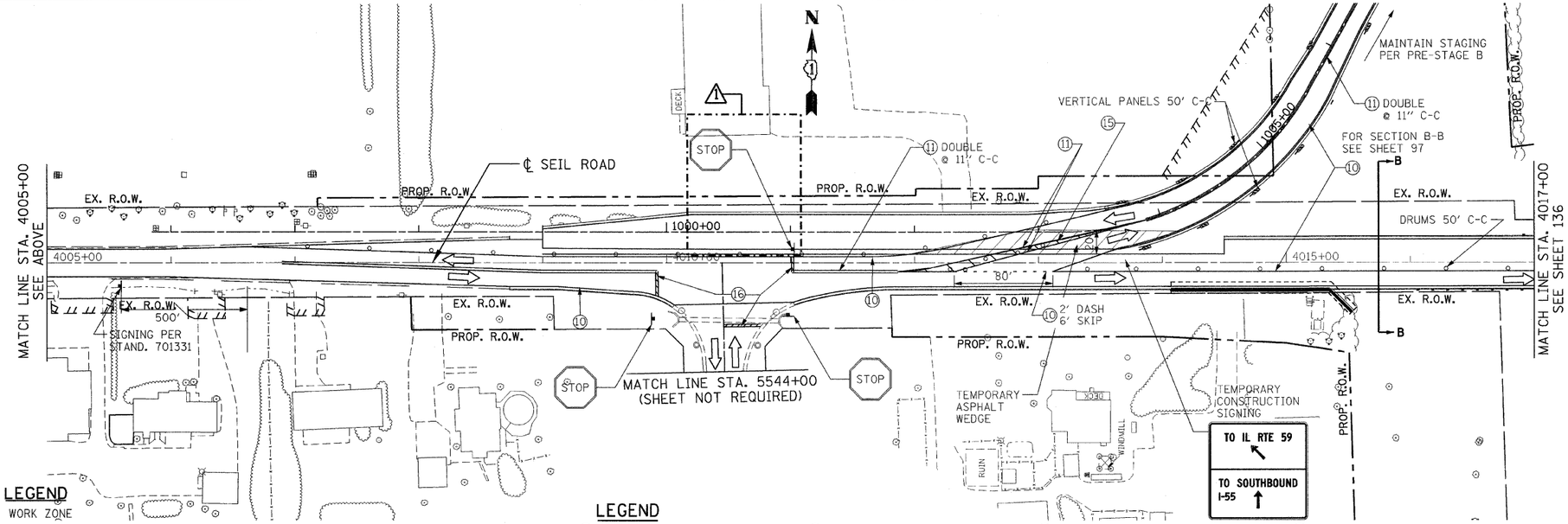
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	138
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363





NOTES :

1. TRAFFIC CONTROL & PROTECTION FOR THE SEIL ROAD SHALL BE IN ACCORDANCE WITH STANDARD 701331.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMP. PVMT - PREVIOUS STAGE
- CLASS D PATCHES (TYPE AND THICKNESS SPECIFIED AT EACH PATCH LOCATION)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCL. GORES)
- TRAFFIC FLOW
- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP. TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER

LEGEND

(1) EPOXY PAVEMENT MARKING - LINE 4" (WHITE)

(2) TEMPORARY PAVEMENT MARKING - 4" (WHITE)

(3) TEMPORARY PAVEMENT MARKING - 4" (YELLOW)

(3A) TEMPORARY PAVEMENT MARKING - 4" (YELLOW),10' DASH-30'SKIP

(4) EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)

(5) TEMPORARY PAVEMENT MARKING - 8" (WHITE)

(6) TEMPORARY PAVEMENT MARKING - 12" (WHITE)

(7) EPOXY PAVEMENT MARKING - LINE 5" (WHITE) 10' DASH-30' SKIP

(8) TEMPORARY PAVEMENT MARKING - 24" (WHITE)

(9) PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS

(10) PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)

(11) PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW)

(11A) PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW), 10' DASH-30' SKIP

(12) PAVEMENT MARKING TAPE, TYPE III - 6" (WHITE)

(13) PAVEMENT MARKING TAPE, TYPE III - 8" (WHITE)

(14) PAVEMENT MARKING TAPE, TYPE III - 12" (WHITE)

(15) PAVEMENT MARKING TAPE, TYPE III - 12" (YELLOW)

(16) PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)

(17) PAVEMENT MARKING TAPE, TYPE III - 5" (WHITE), 10' DASH-30' SKIP

MOT51

REVISIONS	
NAME	DATE
JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC STAGE 3A
STA. 4002+18 TO STA. 4017+00

SCALE: 1" = 50' DRAWN BY: JB

DATE: 03/14/08 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS&ARCHITECTS&PLANNERS
360 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

..\ALTOORH6.DGN, ..\SUROORLD.DGN, ..\EXHOORL9.DGN, ..\SUROOR9V.DGN, ..\TPOOORCP.DGN, ..\RDWOOR0H.DGN, ..\ALTOORH6.DGN, ..\SUROOR1D.DGN, ..\SUROOR9V.DGN, ..\EXHOORL9.DGN, ..\TEAL
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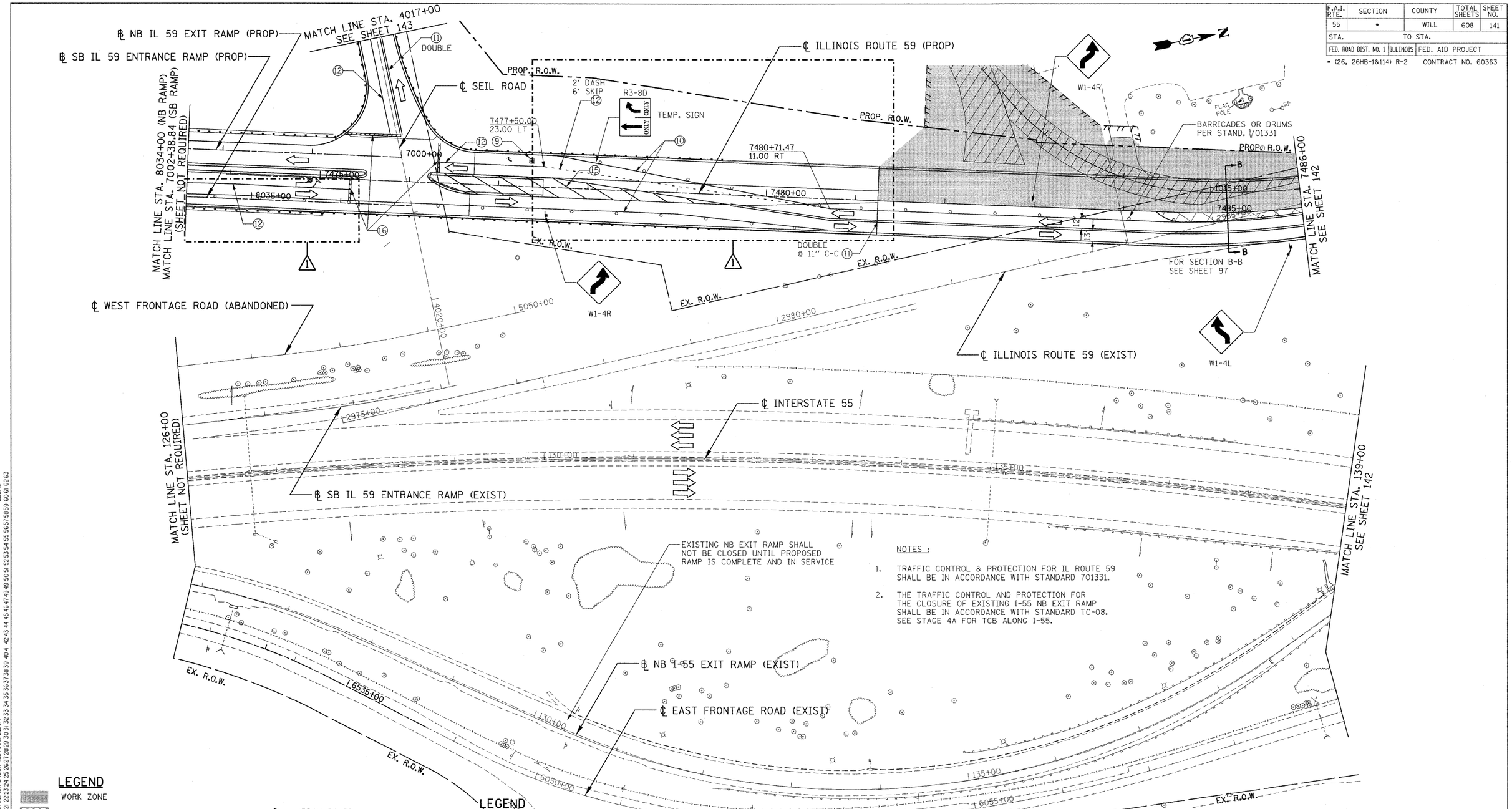
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	141
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



NOTES :

1. TRAFFIC CONTROL & PROTECTION FOR IL ROUTE 59 SHALL BE IN ACCORDANCE WITH STANDARD 701331.
2. THE TRAFFIC CONTROL AND PROTECTION FOR THE CLOSURE OF EXISTING I-55 NB EXIT RAMP SHALL BE IN ACCORDANCE WITH STANDARD TC-08. SEE STAGE 4A FOR TCB ALONG I-55.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMP. PVMT - PREVIOUS STAGE
- CLASS D PATCHES (TYPE AND THICKNESS SPECIFIED AT EACH PATCH LOCATION)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCL. GORES)
- TRAFFIC FLOW
- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP. TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER

LEGEND

1. EPOXY PAVEMENT MARKING - LINE 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING - 4" (WHITE)
3. TEMPORARY PAVEMENT MARKING - 4" (YELLOW)
3A. TEMPORARY PAVEMENT MARKING - 4" (YELLOW),10' DASH-30'SKIP
4. EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)
5. TEMPORARY PAVEMENT MARKING - 8" (WHITE)
6. TEMPORARY PAVEMENT MARKING - 12" (WHITE)
7. EPOXY PAVEMENT MARKING - LINE 5" (WHITE) 10' DASH-30' SKIP
8. TEMPORARY PAVEMENT MARKING - 24" (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW)
11A. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW), 10' DASH-30' SKIP
12. PAVEMENT MARKING TAPE, TYPE III - 6" (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 8" (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 12" (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 12" (YELLOW)
16. PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)
17. PAVEMENT MARKING TAPE, TYPE III - 5" (WHITE), 10' DASH-30' SKIP

MOT54

REVISIONS	
NAME	DATE
1 JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC STAGE 3B STA. 126+00 TO STA. 139+00

SCALE: 1" = 50' DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG

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ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312616-0300

..\ALT00R46.DGN, ..\SUROAHLL.DGN, ..\EXHI00RL.DGN, ..\SUROGRSV.DGN, ..\TPOOGRCP.DGN, ..\ROWOGRHI.DGN, ..\ROWOGRWE.DGN, ..\MOTOGRWE.DGN, ..\MOTOGSIG.DGN, ..\MOT00TS1.DGN,
..\ROWOGROO.DGN, ..\MOT00ZKD.DGN, ..\MOTOGRWB.DGN, ..\MOTOGRWB.DGN, ..\ROWOGRHI.DGN, ..\TIBOGRAN.DGN, ..\ROWOGROJ.DGN, ..\ROWOGRON.DGN, ..\ROWOGROO.DGN, LEEAC
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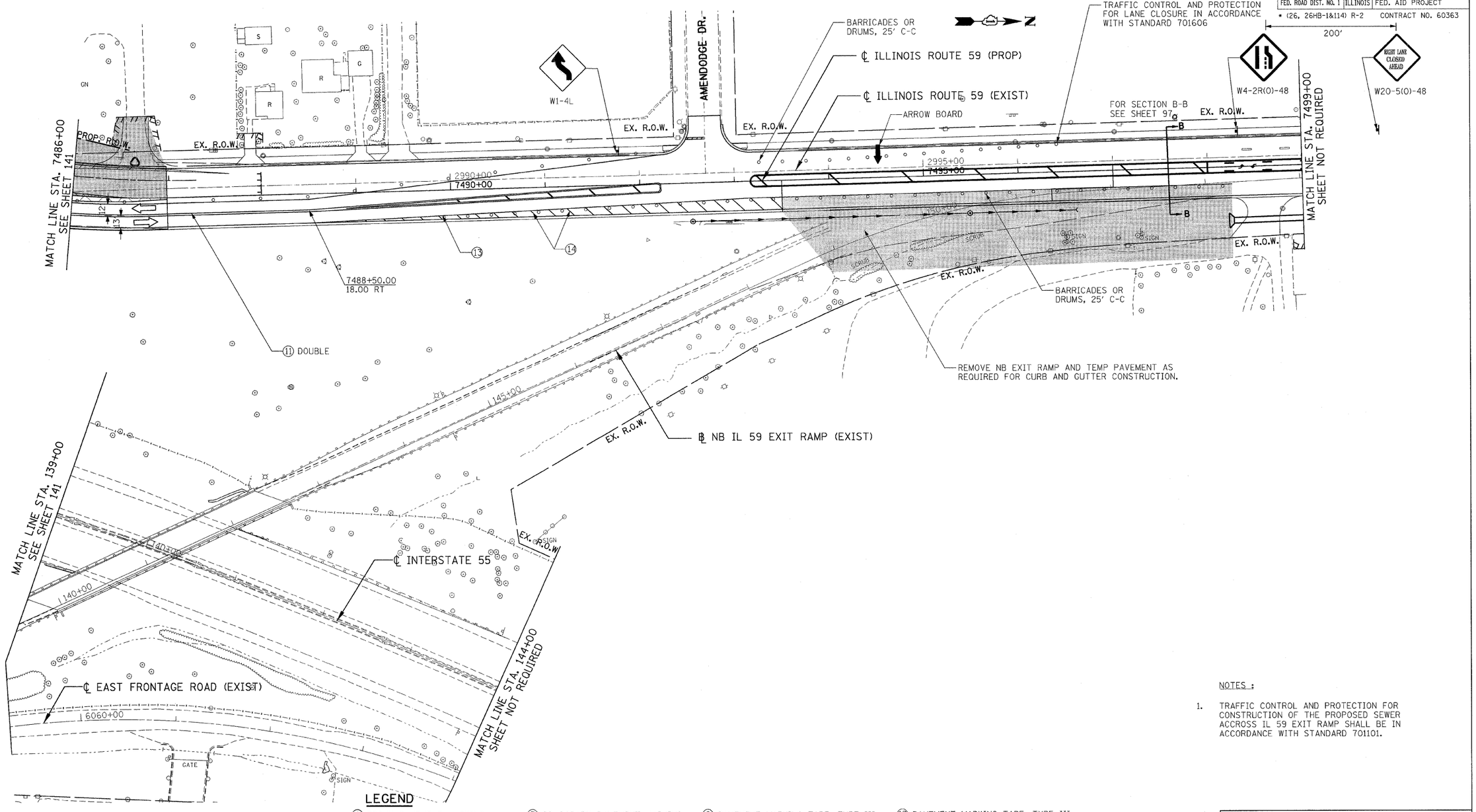
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	142
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
* (26, 26HB-1&114) R-2		CONTRACT NO. 60363		



NOTES :

1. TRAFFIC CONTROL AND PROTECTION FOR CONSTRUCTION OF THE PROPOSED SEWER ACCROSS IL 59 EXIT RAMP SHALL BE IN ACCORDANCE WITH STANDARD 701101.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMP. PVMT - PREVIOUS STAGE
- CLASS D PATCHES (TYPE AND THICKNESS SPECIFIED AT EACH PATCH LOCATION)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCL. GORES)
- TRAFFIC FLOW
- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP. TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER

LEGEND

1. EPOXY PAVEMENT MARKING - LINE 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING - 4" (WHITE)
3. TEMPORARY PAVEMENT MARKING - 4" (YELLOW)
3A. TEMPORARY PAVEMENT MARKING - 4" (YELLOW),10' DASH-30'SKIP
4. EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)
5. TEMPORARY PAVEMENT MARKING - 8" (WHITE)
6. TEMPORARY PAVEMENT MARKING - 12" (WHITE)
7. EPOXY PAVEMENT MARKING - LINE 5" (WHITE) 10' DASH-30' SKIP
8. TEMPORARY PAVEMENT MARKING - 24" (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW)
11A. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW), 10' DASH-30' SKIP
12. PAVEMENT MARKING TAPE, TYPE III - 6" (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 8" (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 12" (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 12" (YELLOW)
16. PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)
17. PAVEMENT MARKING TAPE, TYPE III - 5" (WHITE), 10' DASH-30' SKIP

MOT55

REVISIONS	
NAME	DATE
1 JB - ENTIRE SHEET REVISED	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC STAGE 3B
STA. 7486+00 TO STA. 7499+00

SCALE: 1' = 50' DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS&ARCHITECTS&PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0800

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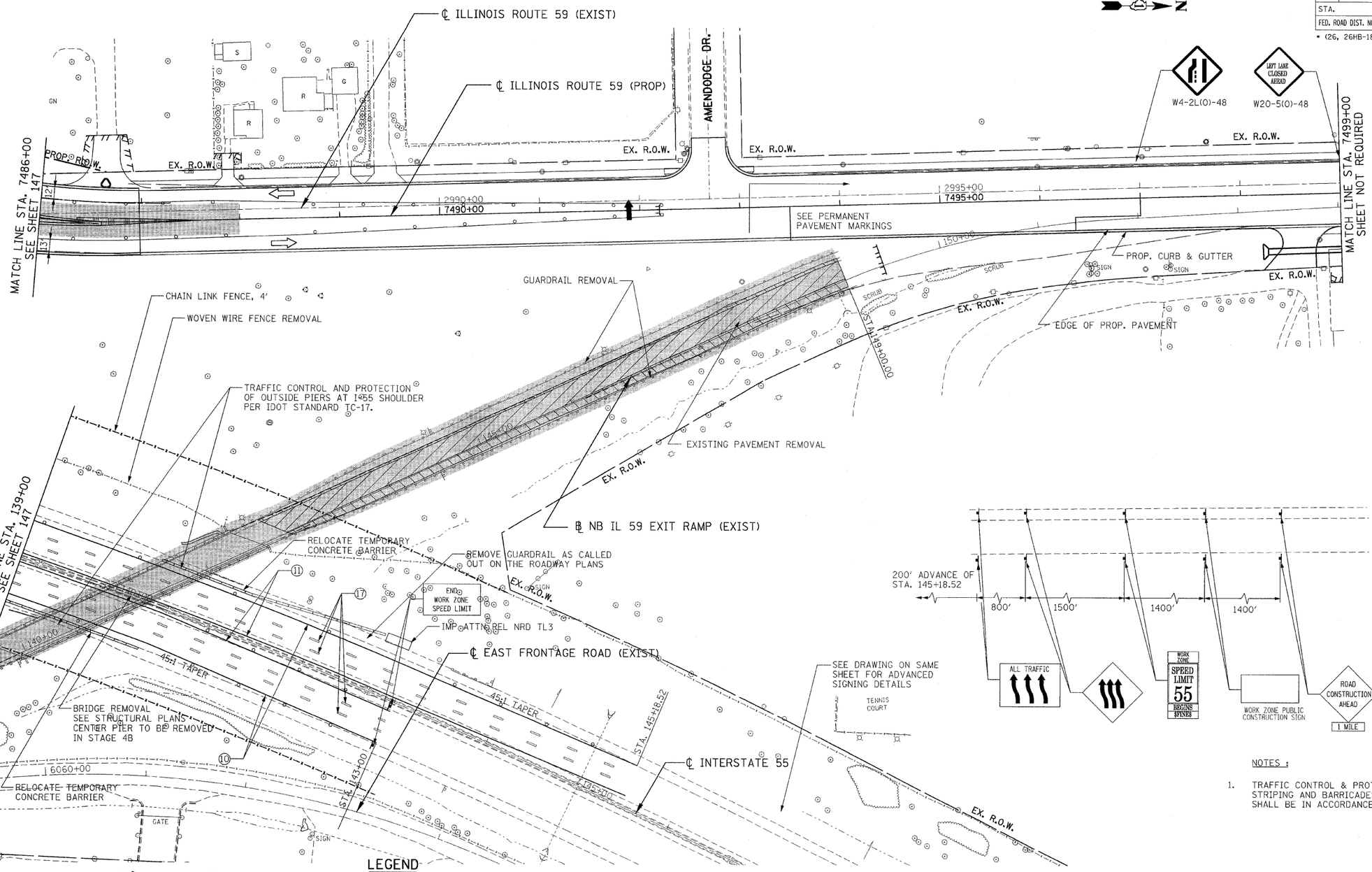
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	148
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



NOTES :

1. TRAFFIC CONTROL & PROTECTION (SIGNING, STRIPING AND BARRICADES) FOR IL ROUTE 59 SHALL BE IN ACCORDANCE WITH STANDARD 701422.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMP. PVMT - PREVIOUS STAGE
- CLASS D PATCHES (TYPE AND THICKNESS SPECIFIED AT EACH PATCH LOCATION)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCL. GORES)
- TRAFFIC FLOW
- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP. TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER

LEGEND

1. EPOXY PAVEMENT MARKING - LINE 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING - 4" (WHITE)
3. TEMPORARY PAVEMENT MARKING - 4" (YELLOW)
3A. TEMPORARY PAVEMENT MARKING - 4" (YELLOW),10' DASH-30'SKIP
4. EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)
5. TEMPORARY PAVEMENT MARKING - 8" (WHITE)
6. TEMPORARY PAVEMENT MARKING - 12" (WHITE)
7. EPOXY PAVEMENT MARKING - LINE 5" (WHITE) 10' DASH-30' SKIP
8. TEMPORARY PAVEMENT MARKING - 24" (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW)
11A. PAVEMENT MARKING TAPE, TYPE III - 4" (YELLOW), 10' DASH-30' SKIP
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15. PAVEMENT MARKING TAPE, TYPE III - 12" (YELLOW)
16. PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)
17. PAVEMENT MARKING TAPE, TYPE III - 5" (WHITE), 10' DASH-30' SKIP

MOT61

REVISIONS	
NAME	DATE
1 JB - ENTIRE SHEET	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC STAGE 4A
STA. 7486+00 TO STA. 7499+00

SCALE: 1' = 50' DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
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303 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0600

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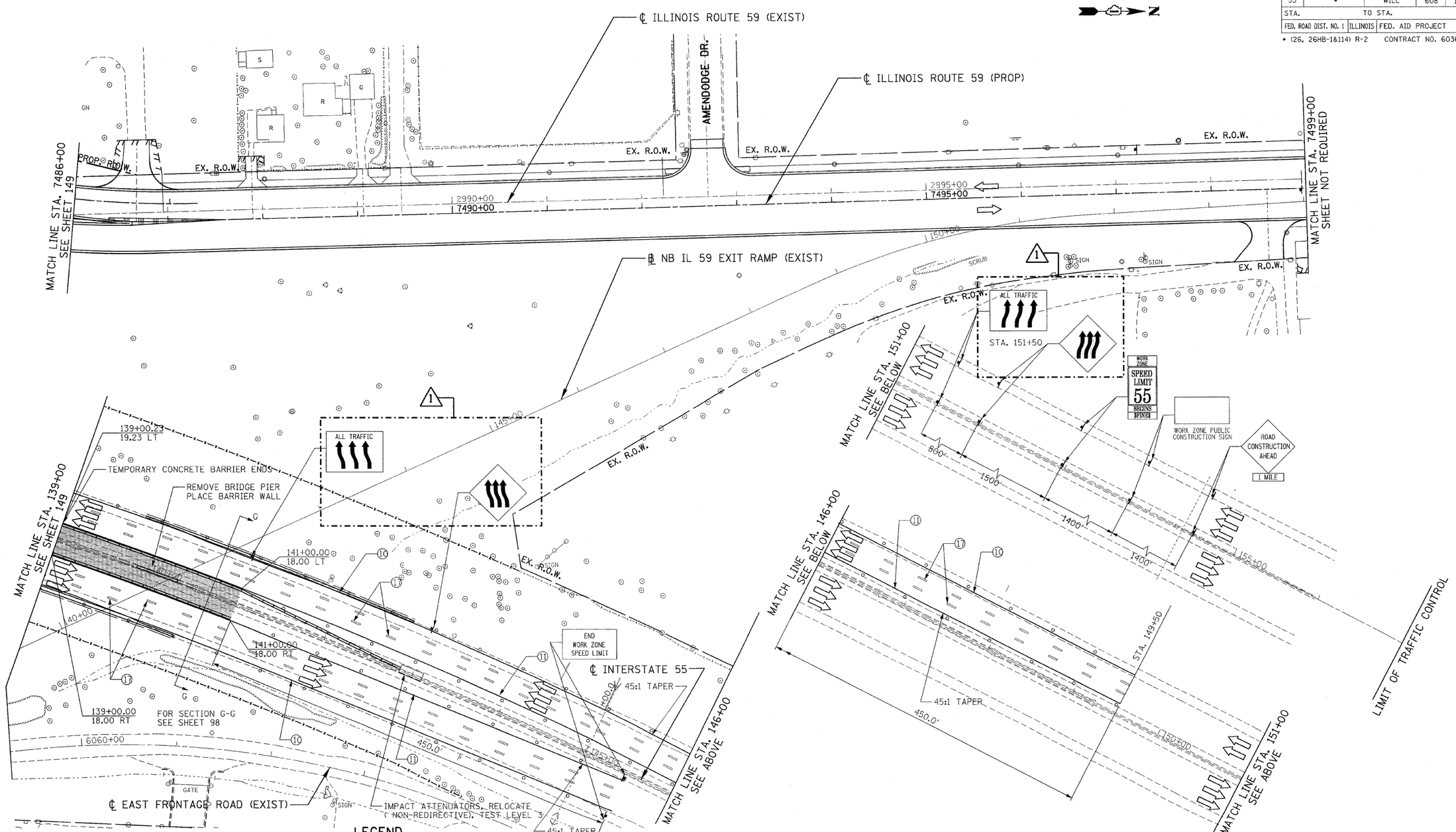
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	150
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMP. PVMT - PREVIOUS STAGE
- CLASS D PATCHES (TYPE AND THICKNESS SPECIFIED AT EACH PATCH LOCATION)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL (INCL. GORES)
- TRAFFIC FLOW
- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP. TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER

LEGEND

1. EPOXY PAVEMENT MARKING - LINE 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING - 4" (WHITE)
3. TEMPORARY PAVEMENT MARKING - 4" (YELLOW)
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16. PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)
17. PAVEMENT MARKING TAPE, TYPE III - 5" (WHITE), 10' DASH-30' SKIP

MOT63

REVISIONS		
	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

MAINTENANCE OF TRAFFIC STAGE 4B
STA. 7486+00 TO STA. 7499+00

SCALE: 1' = 50' DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG

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TEL: 312.616.0600 FAX: 312.616.0600

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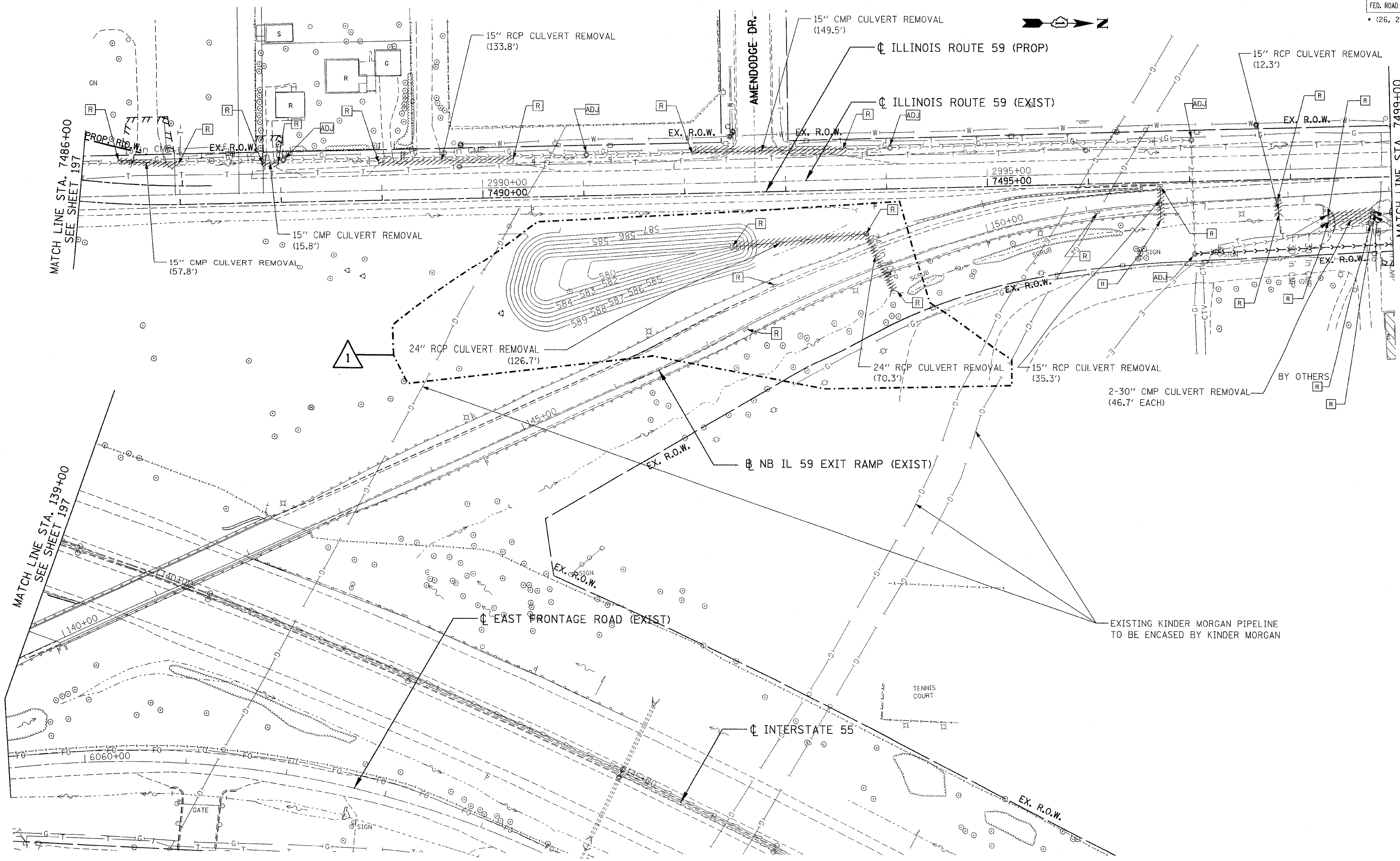

LEGEND

STRUCTURE NUMBER	EX. INLET	PROP. INLET	F FILL STRUCTURE	EX. FIBER OPTIC
PIPE NUMBER	EX. CATCH BASIN	PROP. CATCH BASIN	ADJ ADJUST STRUCTURE	EX. TELEPHONE
PIPE REMOVAL	EX. MANHOLE	PROP. MANHOLE	M MOVE STRUCTURE	EX. GAS
CONCRETE HEADWALL FOR PIPE DRAINS	EX. STORM SEWER	PROP. STORM SEWER	A ADJUST FRAME & LID	EX. WATER
	EX. SANITARY SEWER	PROP. DITCH	REC RECONSTRUCT STR.	EX. ELECTRIC
	EX. DITCH	PROP. SWALE	C CLEAN STRUCTURE	EX. CABLE TV
	R REMOVE STRUCTURE	PROP. FLARED END SECTION	PROP. PIPE UNDERDRAINS, 6" OR 4" (SEE SCHEDULES)	

PROPOSED UTILITY PROTECTION PAD

NOTES:

1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULES SHEET 216 TO 221.

REVISIONS	
NAME	DATE
1 JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

EXISTING IL 59 DRAINAGE & UTILITIES STA. 7486+00 TO STA. 7499+00

SCALE: 1" = 50' DRAWN BY: MRK
DATE: 03/14/08 CHECKED BY: TKL

TENG
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS 205 N. MICHIGAN AVE. CHICAGO, IL 60601 TELEPHONE: 312/616-0000

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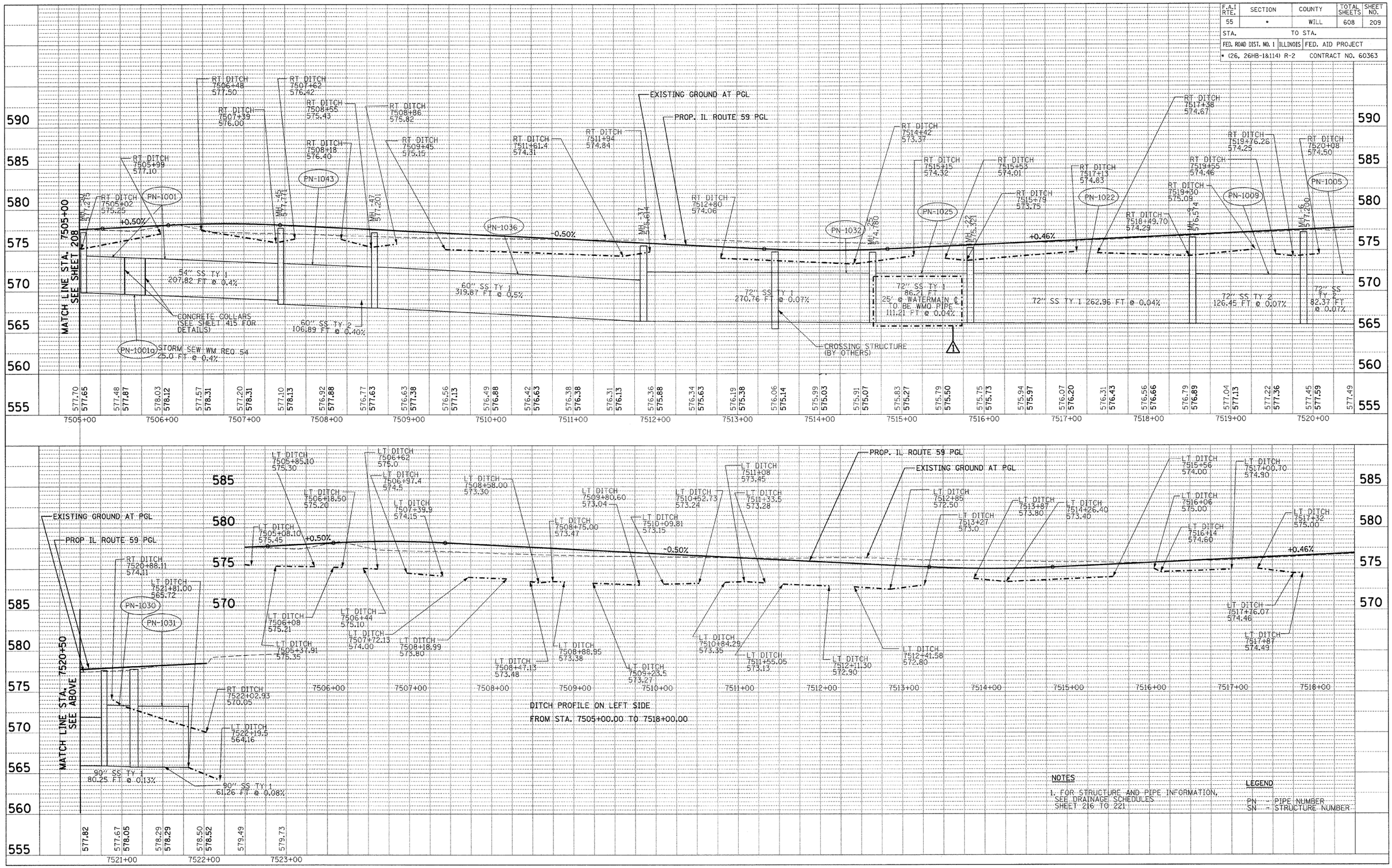
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	209
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
* (26, 26HB-1&114) R-2		CONTRACT NO. 60363		



NOTES

1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULES SHEET 216 TO 221

LEGEND

PN → PIPE NUMBER
SN → STRUCTURE NUMBER

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
R.O.W. CHECKED		
CADD FILE NAME		
NOTE BOOK		
NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
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NOTE BOOK		
NO.		

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TENG

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TELEPHONE: 312/616-0300

SCALE: VERT. 1" = 5'
HORIZ. 1" = 50'

IL RTE 59 DRAINAGE PROFILE

STA 7505+00 TO 7532+69.29

⚠ REVISED 07/11/08, JB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	220
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

PIPE/ CULVERT NO.	DESCRIPTION	DIA. (IN)	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CU YDS.)	SHEET NO.	FROM ST. 1	TO ST. 2
1001	STORM SEW CL A 1 54	54	208	0.40	246.6	201	50	45
1001a	STORM SEW WM REQ 54	54	25	0.40	29.6	201	PP	PP
1002	P CUL CL A 2 12	12	35	1.41	0.0	201	117	35
1003	STORM SEW CL A 2 12	12	77	0.80	12.6	201	33	31
1004	STORM SEW CL A 2 12	12	7	1.09	2.0	202	4	5
1005	STORM SEW CL A 2 72	72	82	0.07	141.0	202	6	5
1006	STORM SEW CL A 2 12	12	4	1.00	1.7	202	7	9
1007	STORM SEW CL A 2 12	12	27	1.10	5.6	202	8	30
1008	STORM SEW CL A 2 15	15	58	0.60	14.2	201	34	41
1009	STORM SEW CL A 2 72	72	126	0.07	247.3	202	9	6
1011	STORM SEW CL A 2 12	12	59	1.00	15.2	202	266	255
1012	STORM SEW CL A 2 12	12	61	0.80	14.3	202	15	7
1014	STORM SEW CL A 2 12	12	5	2.00	1.9	202	20	327
1017	STORM SEW WM REQ 12	12	78	1.00	10.4	202	18	65
1018	STORM SEW CL A 1 15	15	9	1.00	0.0	202	23	22
1019	STORM SEW CL A 2 12	12	71	1.00	21.1	202	65	22
1022	STORM SEW CL A 1 72	72	263	0.04	410.8	202	22	9
1024	STORM SEW CL A 2 15	15	14	0.73	0.0	202	24	324
1025	STORM SEW CL A 1 72	72	111	0.04	132.9	202	25	22
1026	STORM SEW CL A 2 12	12	72	1.00	8.2	201	48	118
1027	STORM SEW WM REQ 12	12	12	1.00	1.8	202	29	342
1028	STORM SEW CL A 2 12	12	58	1.00	13.7	202	27	2
1029	STORM SEW CL A 2 15	15	3	2.87	3.7	202	324	25
1030	STORM SEW CL A 1 90	90	85	0.13	95.2	202	5	30
1031	STORM SEW CL A 1 90	90	61	0.08	23.6	202	30	1
1032	STORM SEW CL A 1 72	72	271	0.07	326.4	201	37	25
1033	STORM SEW CL A 2 12	12	58	1.00	12.7	201	31	261
1034	STORM SEW CL A 2 12	12	92	2.00	16.1	198	113	109
1035	STORM SEW CL A 2 12	12	6	1.00	1.0	201	274	57
1036	STORM SEW CL A 1 60	60	320	0.50	473.8	201	47	37
1037	STORM SEW CL A 2 12	12	5	2.00	1.6	202	2	329
1038	STORM SEW CL A 2 15	15	17	1.00	0.0	201	321	339
1039	STORM SEW CL A 2 12	12	67	0.50	5.5	201	269	116
1040	STORM SEW CL A 2 15	15	5	1.00	1.4	201	55	42
1041	STORM SEW CL A 2 15	15	5	1.00	1.6	201	41	47
1042	STORM SEW CL A 2 12	12	4	2.27	3.4	202	255	3
1043	STORM SEW CL A 1 60	60	107	0.40	160.4	201	45	47
1044	SS RG CL A 1 48	48	131	0.40	104.9	201	42	50
1045	STORM SEW CL A 2 15	15	5	1.00	1.6	201	44	47
1046	STORM SEW CL A 2 12	12	5	1.00	1.9	201	46	45
1047	P CUL CL A 2 12	12	25	0.39	1.1	201	364	365
1050	STORM SEW CL A 2 18	18	5	1.00	1.8	201	272	50
1054	STORM SEW CL A 2 12	12	5	1.00	1.1	201	43	42
1055	STORM SEW CL A 2 15	15	31	1.00	10.9	198	109	106
1056	STORM SEW CL A 2 12	12	82	0.50	11.8	201	38	259
1057	STORM SEW CL A 2 15	15	58	0.60	10.0	201	279	55
1058	SS RG CL A 1 42	42	187	0.50	137.3	201	57	42
1059	STORM SEW CL A 2 12	12	59	0.50	4.7	201	60	274
1060	STORM SEW CL A 2 12	12	70	0.94	9.0	201	59	55
1061	SS RG CL A 2 30	30	93	0.60	43.9	201	63	57
1063	STORM SEW CL A 2 12	12	60	1.00	5.7	201	61	62
1064	STORM SEW CL A 2 15	15	6	1.00	1.3	201	62	63
1065	SS 1 RCEP S34 R22	34 x 22	5	1.00	0.0	200	351	88
1066	STORM SEW WM REQ 12	12	12	1.00	2.2	202	19	65
1067	STORM SEW CL A 2 12	12	69	0.43	5.5	201	66	279
1069	SS RG CL A 2 24	24	4	0.50	1.0	201	70	69
1070	STORM SEW CL A 2 15	15	6	1.07	1.4	201	71	70
1071	SS RG CL A 2 24	24	141	0.60	51.0	200	72	70
1072	SS RG CL A 2 24	24	140	0.60	0.0	200	77	72
1073	SS RG CL A 2 21	21	110	0.80	0.0	200	78	77
1074	SS RG CL A 2 18	18	288	0.60	0.0	200	84	78
1076	STORM SEW CL A 2 18	18	39	0.80	10.8	201	380	272
1077	SS RG CL A 2 27	27	193	0.40	0.0	198	93	104
1079	SS RG CL A 2 24	24	89	0.50	0.0	198	99	93
1080	SS RG CL A 2 21	21	235	1.50	0.0	198	101	99
1081	SS RG CL A 2 18	18	150	2.00	0.0	198	106	101
1082	STORM SEW CL A 2 15	15	59	0.80	10.5	200	74	288
1083	STORM SEW CL A 2 12	12	32	0.60	1.9	200	292	375

PIPE/ CULVERT NO.	DESCRIPTION	DIA. (IN)	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CU YDS.)	SHEET NO.	FROM ST. 1	TO ST. 2
1085	STORM SEW CL A 2 15	15	58	0.50	4.5	200	296	75
1086	STORM SEW CL A 2 15	15	84	0.60	9.0	200	286	75
1087	STORM SEW CL A 2 18	18	6	0.80	1.2	200	75	78
1088	STORM SEW CL A 2 18	18	96	0.60	20.9	200	81	82
1089	STORM SEW CL A 2 12	12	80	0.60	11.9	201	259	262
1090	STORM SEW CL A 2 15	15	58	0.50	11.2	200	294	81
1091	STORM SEW CL A 2 12	12	65	0.50	6.9	200	108	294
1092	STORM SEW CL A 2 12	12	4	1.00	0.4	200	89	354
1093	SS RG CL A 2 30	30	6	1.00	2.4	200	283	86
1094	STORM SEW CL A 2 15	15	31	0.40	4.3	198	97	98
1095	STORM SEW CL A 2 15	15	68	0.50	15.0	200	291	92
1096	STORM SEW CL A 2 12	12	58	1.00	5.6	200	91	176
1097	STORM SEW CL A 2 15	15	21	0.50	3.2	198	301	403
1098	STORM SEW CL A 2 15	15	34	0.50	9.0	198	302	93
1099	STORM SEW CL A 2 18	18	58	0.50	13.9	201	262	36
1100	STORM SEW CL A 2 18	18	43	0.40	10.6	198	98	99
1101	STORM SEW CL A 2 15	15	35	1.00	6.7	198	103	102
1102	STORM SEW CL A 1 12	12	44	0.60	3.6	200	290	325
1104	STORM SEW CL A 1 12	12	65	0.60	4.6	200	297	74
1106	STORM SEW CL A 2 18	18	6	1.00	1.8	200	82	84
1107	SS RG CL A 2 18	18	186	2.00	0.0	198	326	106
1108	STORM SEW CL A 2 12	12	72	2.00	12.2	198	306	102
1109	SS RG CL A 2 30	30	14	0.30	0.0	200	86	87
1110	SS 1 RCEP S34 R22	34 x 22	109	0.60	0.0	200	92	174
1111	STORM SEW CL A 2 12	12	13	0.50	0.0	200	85	294
1112	STORM SEW CL A 2 12	12	72	2.00	19.2	198	314	103
1113	STORM SEW CL A 2 15	15	90	26.77	0.0	196	227	115
1115	P CUL CL A 2 15	15	28	1.14	1.0	201	126	361
1116	P CUL CL A 2 12	12	34	0.39	0.8	201	125	360
1117	P CUL CL A 2 12	12	29	0.38	1.5	201	359	124
1118	P CUL CL A 2 12	12	32	0.35	0.5	201	358	122
1119	P CUL CL A 2 12	12	21	0.70	0.8	201	123	357
1120	P CUL CL A 2 12	12	30	0.33	2.1	201	121	120
1121	STORM SEW CL A 2 12	12	12	8.25	1.0	201	356	31
1122	STORM SEW CL A 1 12	12	91	0.50	0.0	201	246	46
1123	STORM SEW CL A 2 12	12	12	1.00	2.1	201	28	2
1125	STORM SEW CL A 1 12	12	46	0.44	0.0	206	136	133
1126	STORM SEW CL A 2 12	12	2	2.00	0.5	202	257	172
1127	STORM SEW CL A 1 15	15	152	0.28	0.0	206	131	130
1128	STORM SEW CL A 1 15	15	105	0.28	0.0	206	130	156
1129	STORM SEW CL A 2 12	12	3	16.14	1.1	202	256	260
1130	STORM SEW CL A 1 15	15	5	0.30	0.2	206	133	131
1131	STORM SEW CL A 1 12	12	36	1.00	2.5	206	145	142
1133	STORM SEW CL A 1 12	12	36	0.70	2.2	206	146	143
1134	STORM SEW CL A 2 12	12	33	13.85	0.0	206	143	140
1135	STORM SEW CL A 2 18	18	5	0.60	1.8	201	51	50
1136	STORM SEW CL A 2 12	12	28	3.64	0.0	206	144	141
1139	STORM SEW CL A 1 12	12	93	3.00	8.1	206	142	315
1140	STORM SEW CL A 2 15	15	33	0.60	10.5	200	148	104
1141	STORM SEW CL A 2 12	12	49	0.80	4.5	200	149	291
1142	P CUL CL A 1 12	12	17	0.41	1.3	206	151	150
1143	P CUL CL A 1 EQRS 18	23 x 14	37	3.07	2.1	206	153	152
1144	P CUL CL A 1 12	12	28	0.39	2.2	206	155	154
1145	SS 1 RCEP S45 R29	45 x 29	269	0.15	0.0	206	156	152
1146	SS 1 RCEP S45 R29	45 x 29	55	0.40	3.7	206	157	156
1149	STORM SEW CL A 1 12	12	36	0.60	1.6	206	160	161
1150	P CUL CL A 1 15	15	53	0.32	3.8	206	163	162
1151	STORM SEW CL A 2 15	15	58	0.60	5.4	200	375	176
1154	STORM SEW CL A 2 15	15	12	0.80	3.4	201	107	170
1155	STORM SEW CL A 2 12	12	57	0.50	4.9	202	253	7
1156	STORM SEW CL A 2 12	12	11	12.36	0.0	200	173	375
1157	STORM SEW CL A 2 12	12	11	8.47	0.0	200	175	291
1158	P CUL CL A 1 12	12	57	0.32	0.0	200	178	177
1159	P CUL CL A 2 24	24	25	0.20	0.0	200	181	179
1160	P CUL CL A 2 24	24	26	0.19	0.0	200	179	180
1161	STORM SEW CL A 2 15	15	6	0.80	1.4	200	325	77
1162	STORM SEW CL A 1 12	12	3	0.60	0.1	206	400	130
1163	STORM SEW CL A 1 12	12	21	0.50	0.0	206	184	398

⚠1 25' OF PIPE 1025 SHALL BE STORM SEWER (WATERMAIN REQUIREMENTS) 72".

LEGEND

PP - PROPOSED PIPE

NOTES:

1. REFER TO EROSION CONTROL PLANS FOR REQUIRED INLET AND PIPE PROTECTION.
2. FOR OFFSETS, RIM ELEVATION AND DRAINAGE STRUCTURE PLACEMENTS, SEE SHEET 413.
3. ALL STORM SEWERS ARE RCP UNLESS OTHERWISE MENTIONED.
4. PIPES 1065, 1110, 1261, 1262, 1266 AND 1267 ARE STORM SEWERS WITH RUBBER GASKETS OF SIZE SPECIFIED.

REVISIONS		
	NAME	DATE
⚠1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

DRAINAGE SCHEDULE V PROPOSED PIPES

SCALE: DRAWN BY: MRK
DATE: 03/14/08 CHECKED BY: TKL

TENG
TENG & ASSOCIATES, INC.
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205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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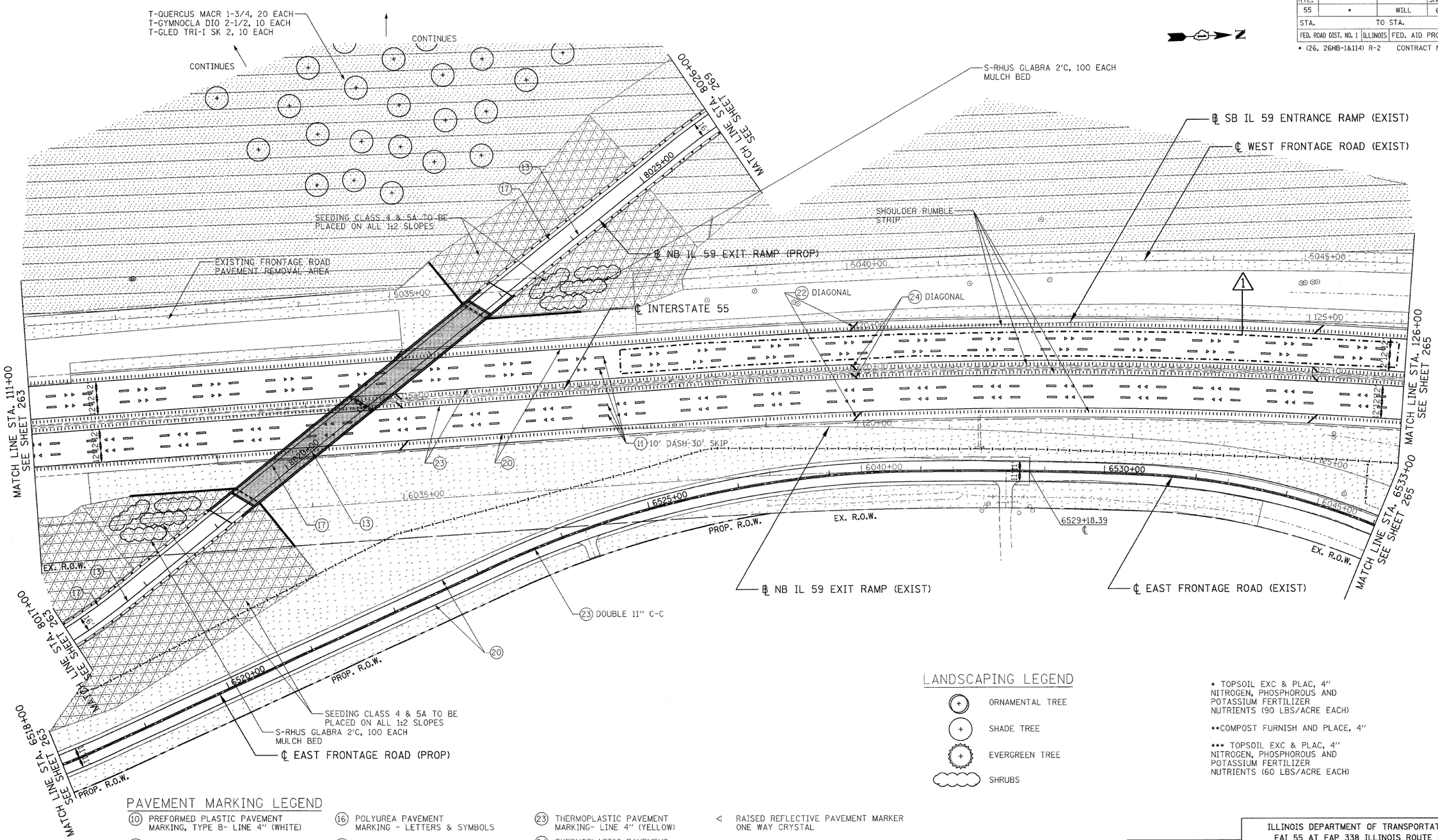
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	264
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



LANDSCAPING LEGEND

- ORNAMENTAL TREE
- SHADE TREE
- EVERGREEN TREE
- SHRUBS

* TOPSOIL EXC & PLAC, 4"
NITROGEN, PHOSPHOROUS AND
POTASSIUM FERTILIZER
NUTRIENTS (90 LBS/ACRE EACH)

**COMPOST FURNISH AND PLACE, 4"

*** TOPSOIL EXC & PLAC, 4"
NITROGEN, PHOSPHOROUS AND
POTASSIUM FERTILIZER
NUTRIENTS (60 LBS/ACRE EACH)

PAVEMENT MARKING LEGEND

- (10) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 4" (WHITE)
- (11) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5" (WHITE)
- (12) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 4" (YELLOW)
- (13) POLYUREA PAVEMENT MARKING - LINE 4" (WHITE)
- (14) POLYUREA PAVEMENT MARKING - LINE 6" (WHITE)
- (15) POLYUREA PAVEMENT MARKING - LINE 24" (WHITE)
- (16) POLYUREA PAVEMENT MARKING - LETTERS & SYMBOLS
- (17) POLYUREA PAVEMENT MARKING - LINE 4" (YELLOW)
- (18) POLYUREA PAVEMENT MARKING - LINE 12" (YELLOW)
- (20) THERMOPLASTIC PAVEMENT MARKING- LINE 4" (WHITE)
- (21) THERMOPLASTIC PAVEMENT MARKING- LINE 8" (WHITE)
- (22) THERMOPLASTIC PAVEMENT MARKING- LINE 12" (WHITE)
- (23) THERMOPLASTIC PAVEMENT MARKING- LINE 4" (YELLOW)
- (24) THERMOPLASTIC PAVEMENT MARKING- LINE 12" (YELLOW)
- ~~(25) POLYUREA PAVEMENT MARKING - LINE 5" (WHITE)~~
- (26) THERMOPLASTIC PAVEMENT MARKING- LETTERS AND SYMBOLS
- (27) THERMOPLASTIC PAVEMENT MARKING- LINE 6" (WHITE)
- (28) THERMOPLASTIC PAVEMENT MARKING- LINE 24" (WHITE)

◁ RAISED REFLECTIVE PAVEMENT MARKER ONE WAY CRYSTAL

NOTES:

1. RAISED REFLECTIVE PAVEMENT MARKERS TO BE PLACED PER DISTRICT 1 STD. TC-11.
2. EXIT ONLY PAVEMENT MARKINGS TO BE PLACED PER DISTRICT 1 STD. TC-12

LANDSCAPING LEGEND

- (X") TREE TRUNK PROTECTION (TTP)
- SEEDING CLASS 2A *
- SEEDING CLASS 4 **
- SODDING, SALT TOLERANT ***
- SEEDING CLASS 4 & 5A **

REVISIONS		
	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

I-55 PAVEMENT MARKING AND LANDSCAPING PLANS STA. 111+00 TO STA. 126+00

SCALE: 1" = 50' DRAWN BY: JB

DATE: 03/14/08 CHECKED BY: ACL

TENG

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205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616 0000

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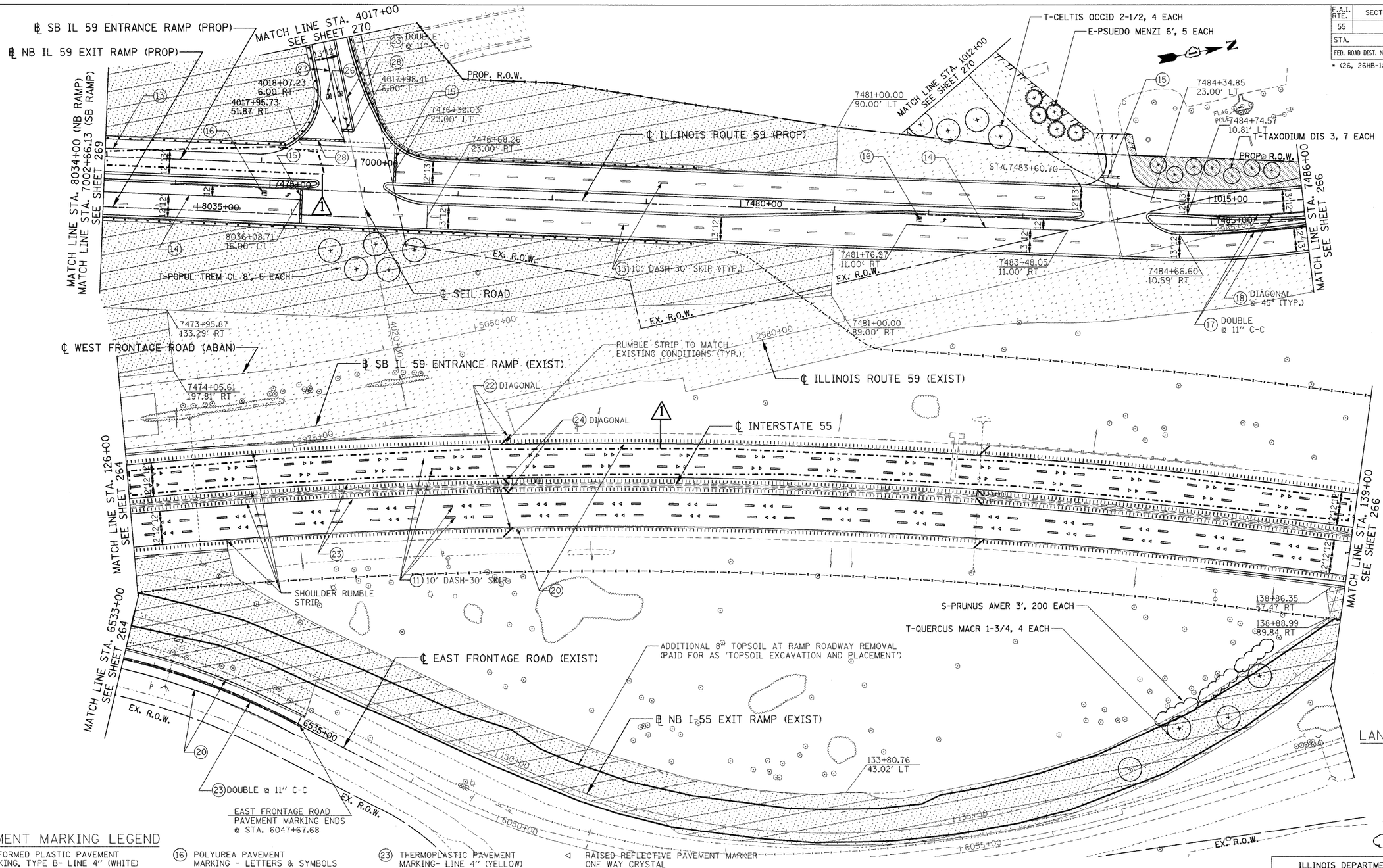
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	265
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



PAVEMENT MARKING LEGEND

(10) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 4" (WHITE)
(11) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5" (WHITE)
(12) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 4" (YELLOW)
(13) POLYUREA PAVEMENT MARKING - LINE 4" (WHITE)
(14) POLYUREA PAVEMENT MARKING - LINE 6" (WHITE)
(15) POLYUREA PAVEMENT MARKING - LINE 24" (WHITE)
(16) POLYUREA PAVEMENT MARKING - LETTERS & SYMBOLS
(17) POLYUREA PAVEMENT MARKING - LINE 4" (YELLOW)
(18) POLYUREA PAVEMENT MARKING - LINE 12" (YELLOW)
(20) THERMOPLASTIC PAVEMENT MARKING- LINE 4" (WHITE)
(21) THERMOPLASTIC PAVEMENT MARKING- LINE 8" (WHITE)
(22) THERMOPLASTIC PAVEMENT MARKING- LINE 12" (WHITE)
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(24) THERMOPLASTIC PAVEMENT MARKING- LINE 12" (YELLOW)
~~(25) POLYUREA PAVEMENT MARKING - LINE 5" (WHITE)~~
(26) THERMOPLASTIC PAVEMENT MARKING- LETTERS AND SYMBOLS
(27) THERMOPLASTIC PAVEMENT MARKING- LINE 6" (WHITE)
(28) THERMOPLASTIC PAVEMENT MARKING- LINE 24" (WHITE)

NOTES:

1. RAISED REFLECTIVE PAVEMENT MARKERS TO BE PLACED PER DISTRICT 1 STD. TC-11.
2. EXIT ONLY PAVEMENT MARKINGS TO BE PLACED PER DISTRICT 1 STD. TC-12

LANDSCAPING LEGEND

(X") TREE TRUNK PROTECTION (TTP)
SEEDING CLASS 2A *
SEEDING CLASS 4 **
SODDING, SALT TOLERANT ***
SEEDING CLASS 4 & 5A **

* TOPSOIL EXC & PLAC, 4" NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS (90 LBS/ACRE EACH)

**COMPOST FURNISH AND PLACE, 4"

*** TOPSOIL EXC & PLAC, 4" NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS (60 LBS/ACRE EACH)

LANDSCAPING LEGEND

ORNAMENTAL TREE
SHADE TREE
EVERGREEN TREE
SHRUBS

REVISIONS		
	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

I-55 PAVEMENT MARKING AND LANDSCAPING PLANS STA. 126+00 TO STA. 139+00

SCALE: 1" = 50' DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

..\ALTOORH6.DGN, ..\SUROORLI.DGN, ..\EXHOORL9.DGN, ..\SUROOR9V.DGN, ..\SUROOR9W.DGN, ..\TPOOORCP.DGN, ..\WOWOOROH.DGN, ..\TTBOORKN.DGN, ..\WOWOOROG.DGN, ..\ROWOOROL.DGN, ..\ROWOOROD.DGN, ..\UTLOOROP.DGN, ..\DRAOORPK.DGN, ..\DRAOORPO.DGN, ..\ERCOORPM.DGN, ..\LNDOORPL.DGN,
7:14:2008, 8:46:07 T:\DOCUMENT\95279\CIVIL\DRAFT\WOORSO.DGN LEIAC
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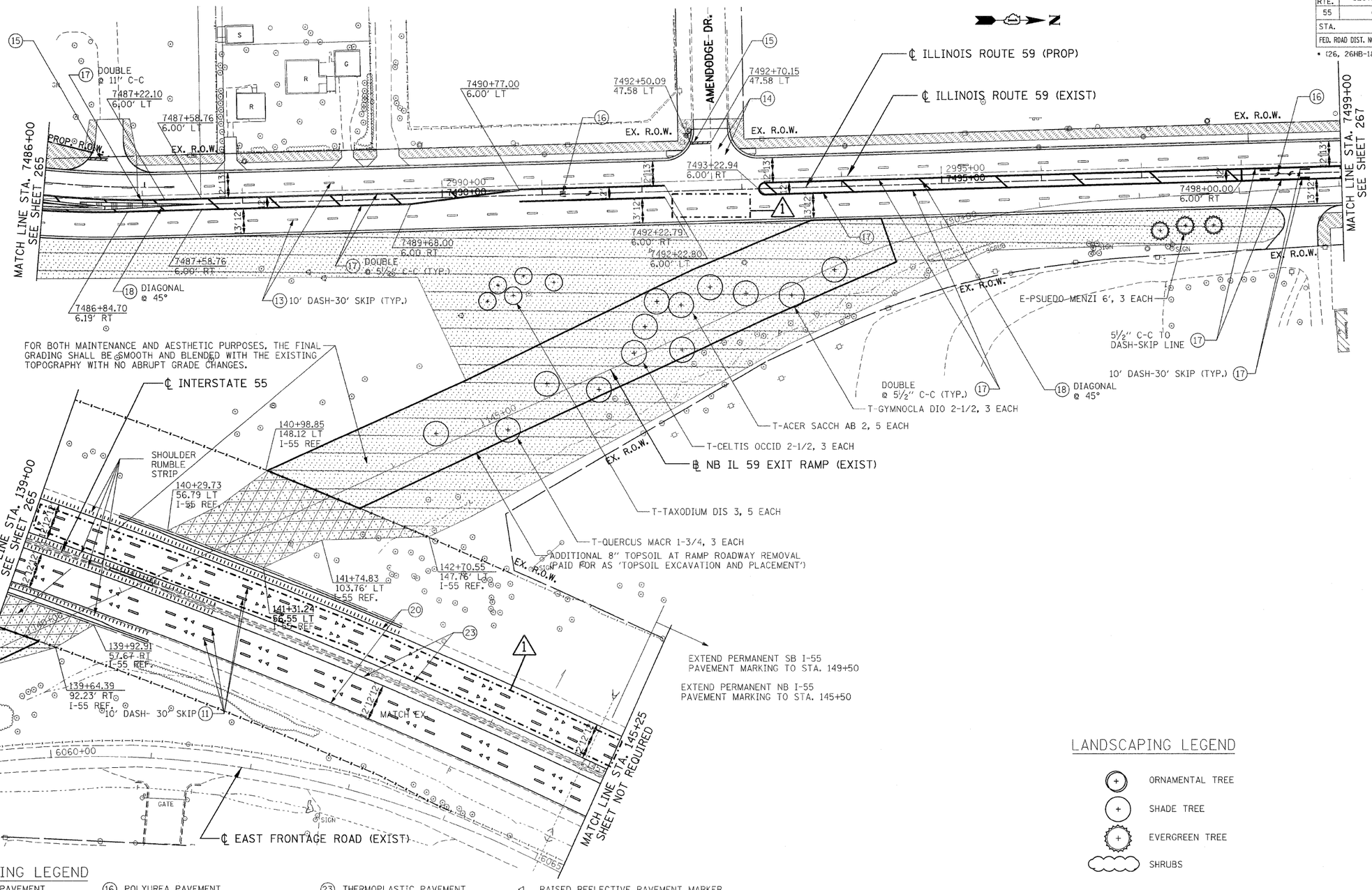
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	266
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



LANDSCAPING LEGEND

- ORNAMENTAL TREE
- SHADE TREE
- EVERGREEN TREE
- SHRUBS

PAVEMENT MARKING LEGEND

(10) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 4" (WHITE)

(11) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5" (WHITE)

(12) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 4" (YELLOW)

(13) POLYUREA PAVEMENT MARKING - LINE 4" (WHITE)

(14) POLYUREA PAVEMENT MARKING - LINE 6" (WHITE)

(15) POLYUREA PAVEMENT MARKING - LINE 24" (WHITE)

(16) POLYUREA PAVEMENT MARKING - LETTERS & SYMBOLS

(17) POLYUREA PAVEMENT MARKING - LINE 4" (YELLOW)

(18) POLYUREA PAVEMENT MARKING - LINE 12" (YELLOW)

(20) THERMOPLASTIC PAVEMENT MARKING- LINE 4" (WHITE)

(21) THERMOPLASTIC PAVEMENT MARKING- LINE 8" (WHITE)

(22) THERMOPLASTIC PAVEMENT MARKING- LINE 12" (WHITE)

(23) THERMOPLASTIC PAVEMENT MARKING- LINE 4" (YELLOW)

(24) THERMOPLASTIC PAVEMENT MARKING- LINE 12" (YELLOW)

~~(25) POLYUREA PAVEMENT MARKING - LINE 5" (WHITE)~~

(26) THERMOPLASTIC PAVEMENT MARKING- LETTERS AND SYMBOLS

(27) THERMOPLASTIC PAVEMENT MARKING- LINE 6" (WHITE)

(28) THERMOPLASTIC PAVEMENT MARKING- LINE 24" (WHITE)

◁ RAISED REFLECTIVE PAVEMENT MARKER ONE WAY CRYSTAL

NOTES:

1. RAISED REFLECTIVE PAVEMENT MARKERS TO BE PLACED PER DISTRICT 1 STD. TC-11.
2. EXIT ONLY PAVEMENT MARKINGS TO BE PLACED PER DISTRICT 1 STD. TC-12

LANDSCAPING LEGEND

(X") TREE TRUNK PROTECTION (TTP)

SEEDING CLASS 2A *

SEEDING CLASS 4 **

SODDING, SALT TOLERANT ***

SEEDING CLASS 4 & 5A **

* TOPSOIL EXC & PLAC, 4" NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS (90 LBS/ACRE EACH)

**COMPOST FURNISH AND PLACE, 4"

*** TOPSOIL EXC & PLAC, 4" NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS (60 LBS/ACRE EACH)

REVISIONS		
	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

IL 59 PAVEMENT MARKING AND LANDSCAPING PLANS STA. 7486+00 TO STA. 7499+00

SCALE: 1' = 50' DRAWN BY: JB

DATE: 03/14/08 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
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205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0002

..\ALTOOR46.DGN, ..\SUROORLD.DGN, ..\EXHDORLS.DGN, ..\SUROOPSV.DGN, ..\TPOOORCP.DGN, ..\ROWOOROH.DGN, ..\TTBOORWN.DGN, ..\ROWOOROD.DGN, ..\ROWOORON.DGN, ..\ROWOOROG.DGN, ..\ALTOOROR.DGN
T-14-2008, 8:10:59 T:\DOCUMENT\63279\CIVIL\DGN\PWADRSH.DGN LEAC
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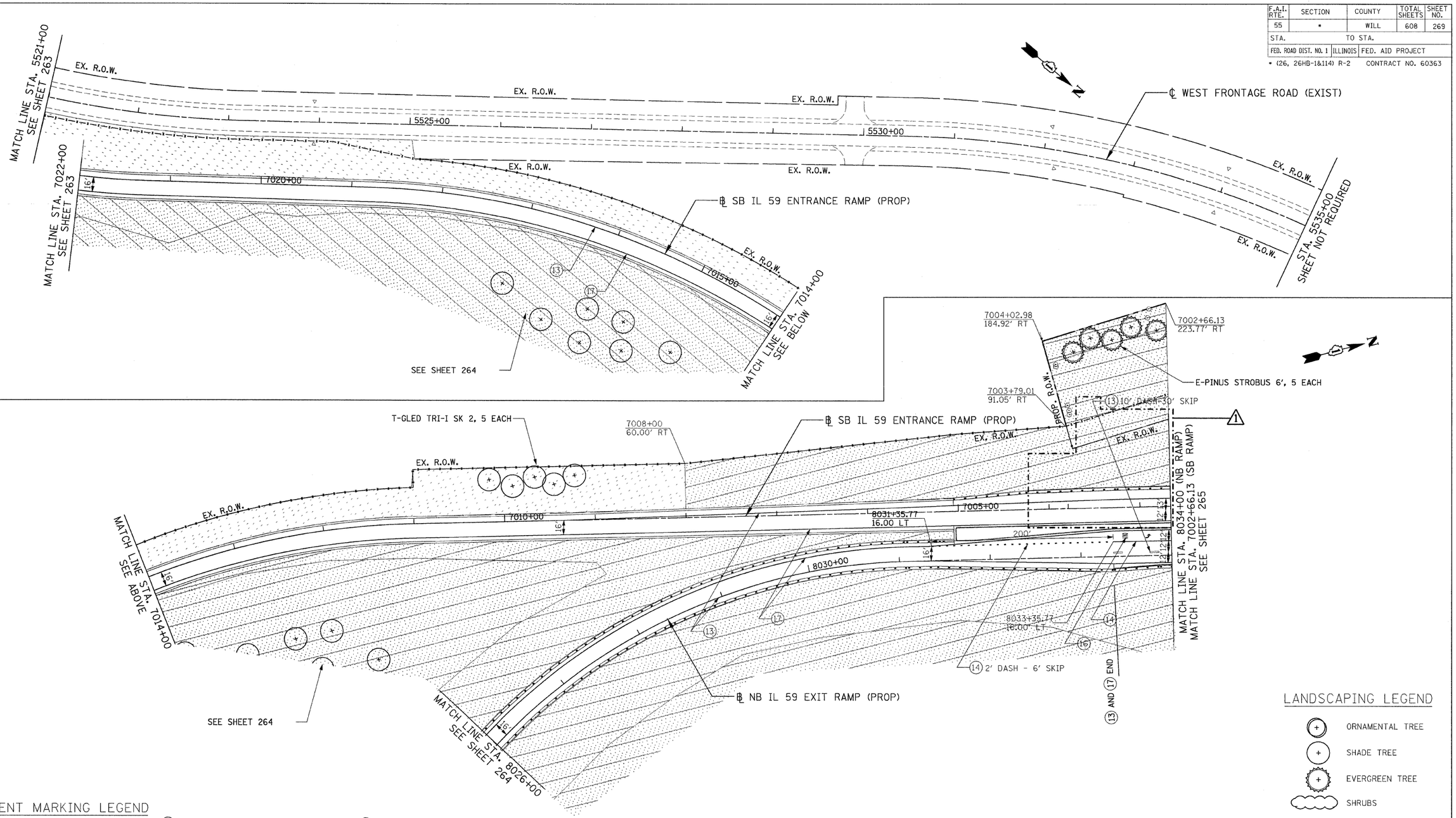
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	269
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



PAVEMENT MARKING LEGEND

(10) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 4" (WHITE)

(11) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5" (WHITE)

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~~(25) POLYUREA PAVEMENT MARKING- LINE 5" (WHITE)~~

(26) THERMOPLASTIC PAVEMENT MARKING- LETTERS AND SYMBOLS

(27) THERMOPLASTIC PAVEMENT MARKING- LINE 6" (WHITE)

(28) THERMOPLASTIC PAVEMENT MARKING- LINE 24" (WHITE)

◁ RAISED REFLECTIVE PAVEMENT MARKER ONE WAY CRYSTAL

NOTES:

1. RAISED REFLECTIVE PAVEMENT MARKERS TO BE PLACED PER DISTRICT 1 STD. TC-11.
2. EXIT ONLY PAVEMENT MARKINGS TO BE PLACED PER DISTRICT 1 STD. TC-12

LANDSCAPING LEGEND

(X") TREE TRUNK PROTECTION (TTP)

SEEDING CLASS 2A *

SEEDING CLASS 4 **

SODDING, SALT TOLERANT ***

SEEDING CLASS 4 & 5A **

* TOPSOIL EXC & PLAC, 4" NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS (90 LBS/ACRE EACH)

**COMPOST FURNISH AND PLACE, 4"

*** TOPSOIL EXC & PLAC, 4" NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS (60 LBS/ACRE EACH)

LANDSCAPING LEGEND

ORNAMENTAL TREE

SHADE TREE

EVERGREEN TREE

SHRUBS

REVISIONS		
	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

NB/SB RAMP PAVEMENT MARKING AND LANDSCAPING PLANS STA. 7002+66 TO STA. 7022+00

SCALE: 1" = 50' DRAWN BY: JB

DATE: 03/14/08 CHECKED BY: ACL

TENG

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ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/856-0500

~ALTOOPRHG.DGN, ..\SJROOR1LDGN, ..\SJROOR1LDGN, ..\EXHOOR1L9.DGN, ..\SUROOP91V.DGN, ..\TPOOOPCP.DGN, ..\RDWOOR0HLDGN, ..\ALTOORHL.DGN, ..\SUROOR1LDGN, ..\EXHOOR1L9.DGN, ..\FYMOORRLDGN, ..\RDWOOR0HLDGN, ..\SUROOUSE.DGN, ..\RDWOOR0HLDGN, ..\TTBOORKNLDGN, ..\RDWOOR0DLDGN, ..\RDWOOPKGNLDGN,
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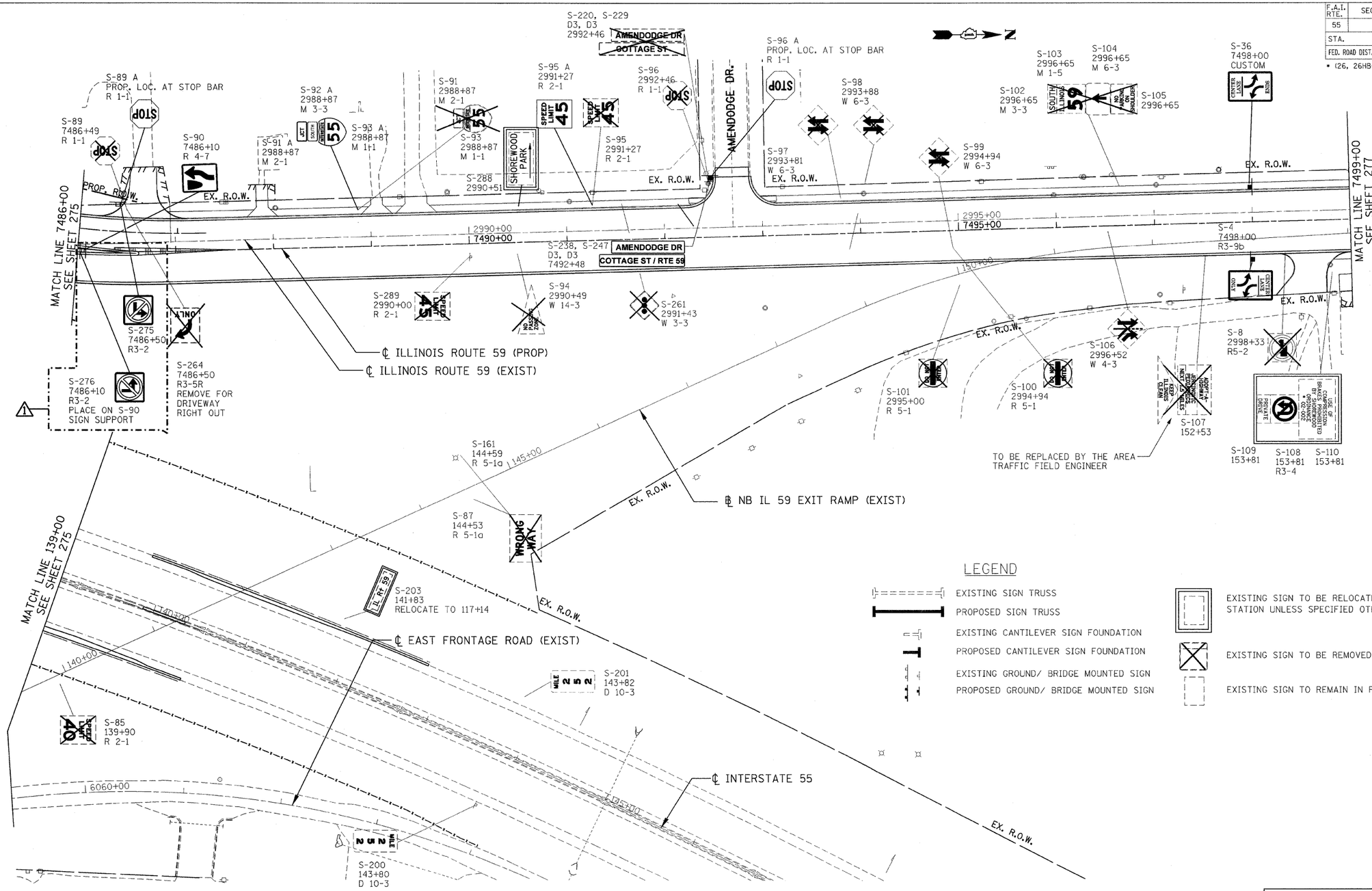
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	276
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



LEGEND

- EXISTING SIGN TRUSS
- PROPOSED SIGN TRUSS
- EXISTING CANTILEVER SIGN FOUNDATION
- PROPOSED CANTILEVER SIGN FOUNDATION
- EXISTING GROUND/ BRIDGE MOUNTED SIGN
- PROPOSED GROUND/ BRIDGE MOUNTED SIGN
- EXISTING SIGN TO BE RELOCATED. (AT SAME STATION UNLESS SPECIFIED OTHERWISE)
- EXISTING SIGN TO BE REMOVED
- EXISTING SIGN TO REMAIN IN PLACE

REVISIONS		
	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

EXISTING AND PROPOSED IL 59 SIGNING PLAN STA. 7486+00 TO STA. 7499+00

SCALE: 1' = 50' DRAWN BY: JB

DATE: 03/14/08 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
300 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

..\ALTOORH6.DGN,..\SUROORLLDGN,..\EXHOOR19.DGN,..\SUROOR9V.DGN,..\TPOOORCP.DGN,..\HDWOOR0H.DGN,..\TTBOORH.DGN,..\HDWOOR0H.DGN,..\ROWOOR0.DGN,..\ROWOOR0LDGN,..\ROWOOR0LDGN,..\UTLOOROP.DGN,..\UTLOOROPK.DGN,..\DRAOORPK.DGN,..\DRAOORPL.DGN,..\ERCOORPM.DGN,..\UNDOORPL.DGN,
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	286
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

PROPOSED SIGN SCHEDULE

SIGN NO.	ROAD	STATION	OFFSET	SIGN DESCRIPTION	SIGN TYPE/I.D.	PANEL TYPE	PANEL SIZE (SF)	HEIGHT	WIDTH	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE TEL STL SIN SUPP	SHEET NO.	REMARKS
S-248	IL 59 SB	7500+90	LT	OAKWOOD DR	D-3	1	3.00	1.00	3.00	0	0	277	
S-249	IL 59 SB	7504+16	LT	SHOREWOOD LN	D-3	1	3.00	1.00	3.00	0	0	277	
S-250	IL 59 NB	7508+09	RT	SARAH ST	D-3	1	2.50	1.00	2.50	0	0	277	
S-251	IL 59 SB	7513+38	LT	MYERS ST	D-3	1	2.50	1.00	2.50	0	0	277	
S-252	IL 59 NB	7515+46	RT	SCHOOL ST	D-3	1	3.00	1.00	3.00	0	0	277	
S-253	IL 59 SB	7515+63	LT	TROUT ST	D-3	1	2.50	1.00	2.50	0	0	277	
S-254	IL 59 SB	7517+96	LT	BASS ST	D-3	1	2.50	1.00	2.50	0	0	277	
S-255	IL 59 NB	7520+04	RT	CHANNAHON ST	D-3	1	3.00	1.00	3.00	0	0	277	
S-269	NOT USED												
S-270	IL 59 EXIT RAMP	8026+00	RT	CHEVRON	W1-8R	1	7.50	3.00	2.50	0	0	279	
S-271	IL 59 EXIT RAMP	8027+20	RT	CHEVRON	W1-8R	1	7.50	3.00	2.50	0	0	279	
S-272	IL 59 EXIT RAMP	8028+40	LT	CHEVRON	W1-8R	1	7.50	3.00	2.50	0	0	279	
S-273	IL 59 EXIT RAMP	8029+60	LT	CHEVRON	W1-8R	1	7.50	3.00	2.50	0	0	279	
S-274	IL 59 EXIT RAMP	8030+80	LT	CHEVRON	W1-8R	1	7.50	3.00	2.50	0	0	279	
S-275	NICOR NORTH DRIVE	7485+60	LT	LEFT TURN PROHIBITION	R3-2	1	4.00	2.00	2.00	14.00	1	276	
1 S-276	IL 59 NB	7486+10	RT	LEFT TURN PROHIBITION	R3-2	1	4.00	2.00	2.00	0.00	0	276	

REVISIONS		
	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

SIGN INVENTORY 6

SCALE: DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS&ARCHITECTS*PLANNERS
300 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	319
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

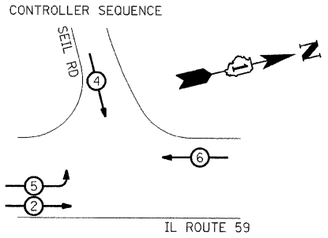
* (26, 26HB-1&114) R-2 CONTRACT NO. 60363

CABLE PLAN LEGEND

EXISTING	PROPOSED	
	G	8" (200mm) TRAFFIC SIGNAL SECTION
R	R	12" (300mm) TRAFFIC SIGNAL SECTION
W	W	12" (300mm) PEDESTRIAN SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		CONTROLLER CABINET
		SERVICE INSTALLATION
	T	TELEPHONE CONNECTION
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		VEHICLE DETECTOR, INDUCTION LOOP
2	2	DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
		VIDEO VEHICLE DETECTOR
	P	PREFORMED DETECTOR LOOP
	B	BATTERY BACKUP SYSTEM

EXISTING	PROPOSED	
R Y G Y G "P"	R Y G Y G "P"	SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD
"E"		RAILROAD CONTROL CABINET
"E"		ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
"E"		ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
H/C	C	GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C).
P	P	GROUND ROD AT POST (P), OR MAST ARM POLE (MA).
S	S	GROUND ROD AT ELECTRIC SERVICE INSTALLATION
1	1	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
24	24	FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F SM12F
		400 W HPS LUMINAIRE
	UPS	UNINTERRUPTIBLE POWER SUPPLY

CONTROLLER SEQUENCE



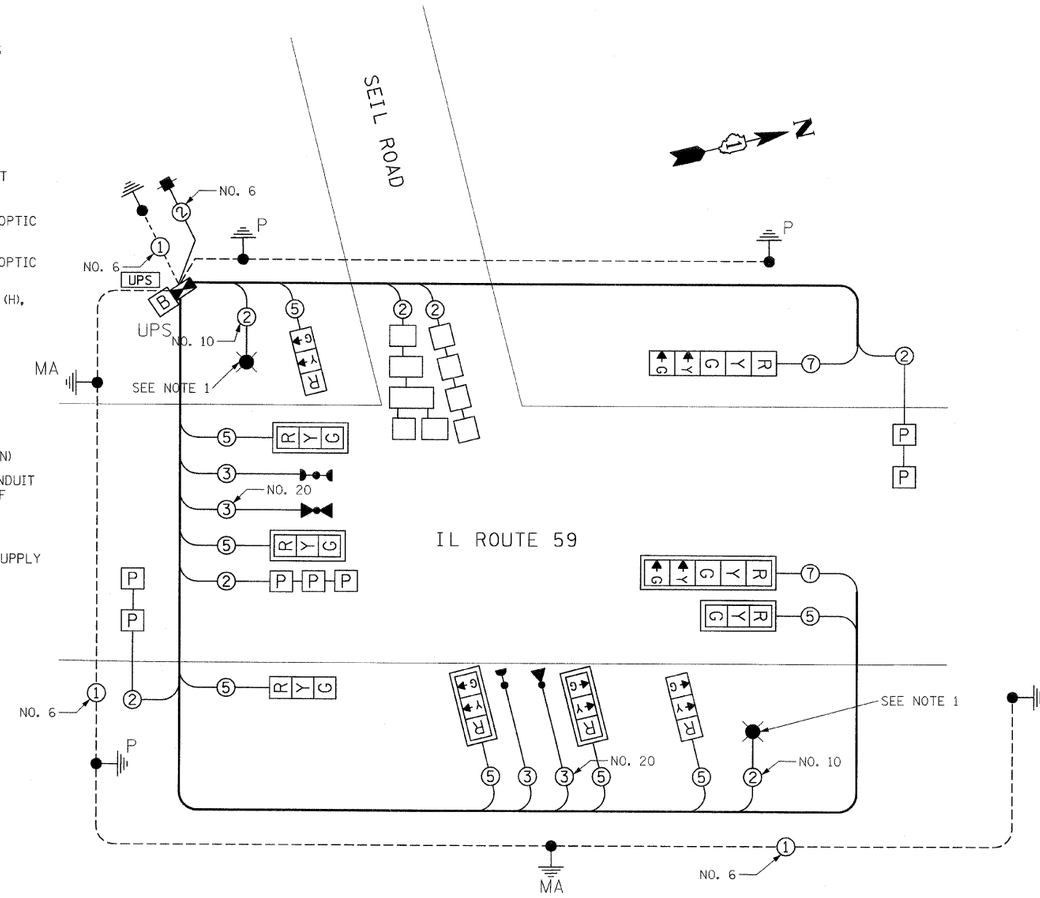
LEGEND

DUAL ENTRY PHASE

PEDESTRIAN PHASE

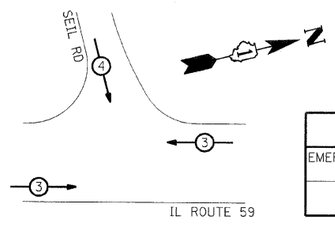
* NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM



CABLE PLAN

(NOT TO SCALE)



PROPOSED EMERGENCY VEHICLE PREEMPTION		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↓

EMERGENCY VEHICLE PREEMPTION SEQUENCE

SCHEDULE OF QUANTITIES

	ITEM	UNITS	QUANTITY
	SIGN PANEL - TYPE 1	SQ FT	10.5
	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	615
	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL	FOOT	64
	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	33
	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	129
	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	211
	HANDHOLE	EACH	6
	HEAVY-DUTY HANDHOLE	EACH	1
	DOUBLE HANDHOLE	EACH	1
	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	726
	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	313
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1354
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	406
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1156
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	273
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
	CONCRETE FOUNDATION, TYPE A	FOOT	12
	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	45
	CONCRETE FOUNDATION TYPE C	FOOT	4
	PREFORMED DETECTOR LOOP	FOOT	210
	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1
	TRAFFIC SIGNAL BACKPLATE	EACH	6
	INDUCTIVE LOOP DETECTOR	EACH	5
*	DETECTOR LOOP, TYPE I	FOOT	219
*	LIGHT DETECTOR	EACH	2
	LIGHT DETECTOR AMPLIFIER	EACH	1
	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
	SERVICE INSTALLATION - POLE MOUNTED	EACH	1
*	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	786
	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	313
	SIGNAL HEAD ,LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
	SIGNAL HEAD ,LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
	SIGNAL HEAD ,LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
	SIGNAL HEAD ,LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
	ELECTRIC CABLE IN CONDUIT, LTG, 2/C NO. 10	FOOT	415
	UNINTERRUPTABLE POWER SUPPLY	EACH	1
*	PAINT NEW MAST ARM AND POLE, UNDER 12.19 METER (40 FT)	EACH	1
*	PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FT	EACH	2
*	PAINT NEW SIGNAL POST	EACH	3

* - 100% COST TO THE VILLAGE OF SHOREWOOD

THE FOLLOWING ITEMS SHALL BE PAINTED WITH BLACK POWDER TYPE FINISH ACCORDING TO THE SPECIAL PROVISION FOR TRAFFIC SIGNAL PAINTING

1 TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT. (2 EACH)
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 24 FT.
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 32 FT.
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.

NOTE 1: FOR LIGHTING PLANS AND CONTROLLER LOCATION, SEE PLANS 320 THRU 346

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	* %OPERATION	
SIGNAL (RED)	10		17	0.50	85.00
(YELLOW)	10		25	0.25	62.50
(GREEN)	10		15	0.25	37.50
ARROW	4		12	0.10	4.80
CONTROLLER	1		100	1.00	100.00
				TOTAL =	289.80

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY CONTACT: MR. RANDY BALES
PHONE: (1) 815-724-5355
COMPANY: COM. 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	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2= (6m+L-0.6m)=
E - M. ARM POLE		SIGNAL POST	2 (1.0)		
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

REVISIONS		
	NAME	DATE
1	JB	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

CABLE PLAN, PHASE DESIGNATION DIAGRAM & SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 03/14/08

DRAWN BY: TMH
DESIGNED BY: RKF
CHECKED BY: RKF

TENG

TENG & ASSOCIATES, INC.
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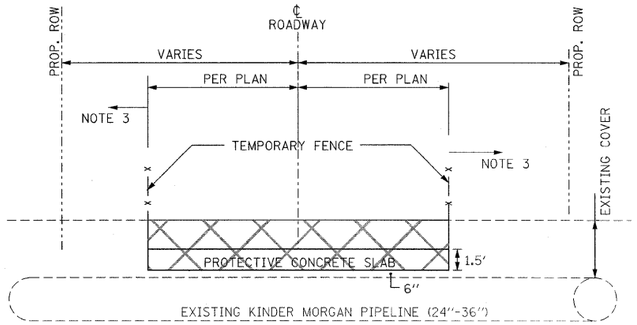
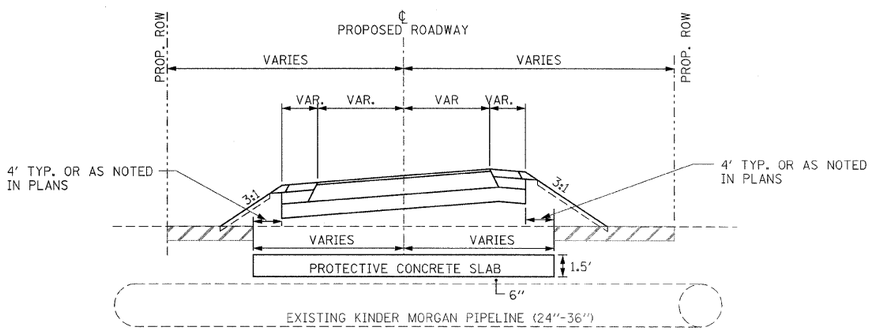
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	WILL	608	415
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1&114) R-2 CONTRACT NO. 60363



PRPOSED ROADWAY CORRIDOR
KINDER MORGAN PROTECTIVE CONCRETE SLAB PLACEMENT TYPICAL

EXCAVATION AND TRENCH BACKFILL



PROPOSED ROADWAY CORRIDOR
FINAL CONDITION TYPICAL

12"-18" TOPSOIL REMOVAL

NOTES:

1. PROTECTIVE SLAB FOR THE 6 EXISTING KINDER MORGAN PIPELINE SHALL BE CONSTRUCTED AT THE LOCATIONS AS NOTED IN THE PLANS AND PER KINDER MORGAN STANDARD DETAIL STD-32-D3. CONSTRUCTION SHALL ADHERE TO THE NGPL GUIDELINES DOCUMENT. NOTE THAT THE OPTIONAL BACKFILL WITH CEMENT STABILIZED SAND IS NOT REQUIRED FOR THIS APPLICATION. TRENCH BACKFILL SHALL BE USED TO BACKFILL OVER THE PROPOSED PROTECTIVE SLAB UP TO THE EXISTING GROUND ELEVATION. AN ALTERNATE DETAIL 32-D2 CAN BE UTILIZED WITH THE APPROVAL OF KINDER MORGAN.

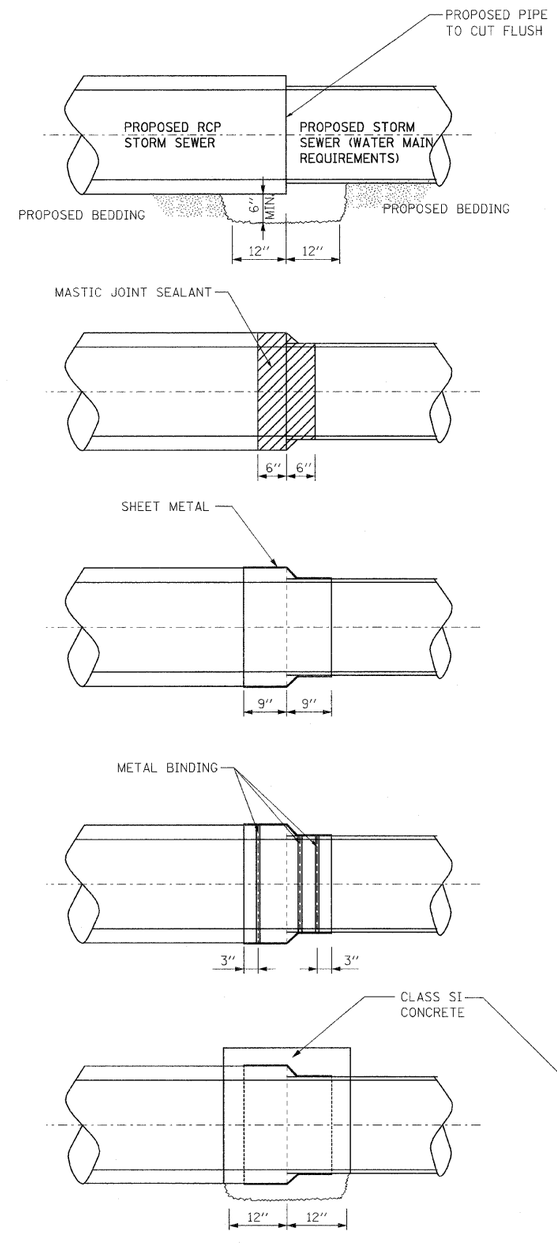
2. HEAVY EQUIPMENT WILL NOT BE ALLOWED TO OPERATE DIRECTLY OVER KM PIPELINES EXCEPT AT AREAS WITH PROTECTIVE CONCRETE SLABS IN PLACE, OR AT THE DISCRETION OF THE KM REPRESENTATIVE.

3. THE AREAS WITHIN THE EXISTING ROW WITHOUT PROTECTIVE CONCRETE SLAB SHALL BE STAKED AND FENCED OFF DURING CONSTRUCTION SO NO CONSTRUCTION VEHICLES OR MACHINERY CAN DRIVE OR OPERATE IN THESE AREAS WITHOUT THE PERMISSION AND/OR SUPERVISION OF A KM REPRESENTATIVE. SOIL COMPACTION OVER UNPROTECTED KM PIPELINES IS ACCEPTABLE, HOWEVER, THE EQUIPMENT UTILIZED FOR THIS WORK MUST BE SUITABLE FOR WORK OVER UNPROTECTED PIPELINES. SUCH COMPACTION EQUIPMENT WILL BE SUBJECT TO KINDER MORGAN APPROVAL. SHEEPSFOOT OR OTHER UNAPPROVED VIBRATORY DEVICES WILL NOT BE ALLOWED OVER UNPROTECTED KM PIPELINES. A KM REPRESENTATIVE WILL BE ON SITE FOR COORDINATION.

3. IF TOPSOIL IS DISTURBED ABOVE EXISTING KM PIPELINES BEFORE CONCRETE SLABS ARE CONSTRUCTED, APPROPRIATE CRANE MATS MUST BE IN PLACE AT THE SATISFACTION OF THE KM REPRESENTATIVE BEFORE CONSTRUCTION VEHICLES MAY DRIVE OVER THOSE AREAS.

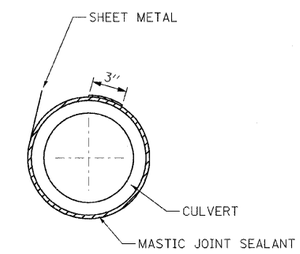
4. POWER EQUIPMENT UTILIZED FOR EXCAVATION WILL NOT BE ALLOWED WITHIN 18" OF EXISTING PIPELINES.

5. THE CONTRACTOR SHALL FOLLOW THE "GUIDELINES FOR DESIGN AND CONSTRUCTION NEAR KINDER MORGAN OPERATED FACILITIES" AND "PROTECTIVE SLAB FOR EXISTING PIPELINES" STD-32-D3 IN THE SPECIAL PROVISIONS.



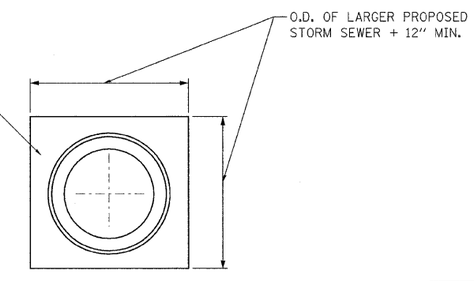
CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" X 6" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
3. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" OF EACH PIPE.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 (.0418") X 18" WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS MINIMUM 3" LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO OR MORE METAL BANDS AROUND THE SHEET METAL AND TIGHTEN TO CAUSE THE SHEET METAL TO CONFORM, AS CLOSELY AS POSSIBLE, TO THE OUTSIDE CIRCUMFERENCE OF THE PIPE.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE SI CONCRETE AROUND THE JOINT INCLUDING COMPLETELY FILLING THE EXCAVATION UNDER EACH PIPE END.



GENERAL NOTES

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO PROPOSED STORM SEWER (WATER MAIN REQUIREMENTS) WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER (WATER MAIN REQUIREMENTS).



CLASS SI CONCRETE COLLAR

REVISIONS		
	NAME	DATE
1	JB - ENTIRE SHEET	07/11/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 AT FAP 338 ILLINOIS ROUTE 59
SECTION: (26, 26HB-1&114) R-2

DRAINAGE DETAILS VI
KINDER MORGAN DETAILS AND CONCRETE COLLAR

SCALE: N.T.S DRAWN BY: JB
DATE: 03/14/08 CHECKED BY: ACL

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205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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