INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	TITLE SHEET
2.	INDEX OF SHEETS, STATE STANDARDS, GENERAL NOTES
3.	SUMMARY OF QUANTITIES
4.	EXISTING TYPICAL SECTIONS
5.	PROPOSED TYPICAL SECTIONS
6-8.	ROADWAY AND PAVEMENT MARKING PLAN
9.	LOOP DETECTOR PLANS
10.	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
11.	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
12.	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
13.	BUTT JOINT AND HMA TAPER DETAILS
14.	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
15.	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
16.	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
17.	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
18.	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
19.	ARTERIAL ROAD INFORMATION SIGN
20.	DRIVEWAY ENTRANCE SIGNING
21.	DISTRICT 1 DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001 <i>-05</i>	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201- <i>03</i>	CLASS C AND D PATCHES
604006 <i>-03</i>	FRAME AND GRATE, TYPE 3
604051-02	FRAME AND GRATE, TYPE 11
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONRETE CURB AND GUTTER
The way	COMBINATION CONNETE CORD AND GOTTER
701606- <i>05</i>	URBAN LANE CLOSURE, 2W WITH MOUNTABLE MEDIAN
701701 <i>-05</i>	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL *J.U.L.I.E.* AT (800)892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
- ALL PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE PROJECT ACCORDING TO DISTRICT 1 TYPICAL PAVEMENT MARKING.
- 3. ALL HMA PAVEMENT PATCHING SHALL BE CLASS D.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 5. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- 6. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD (FOR FUTURE REFERENCES), ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.
- 7. ALL PAVEMENT PATCHING AND CURB & GUTTER REMOVAL AND REPLACEMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 8. DRAINAGE STRUCTURE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- LOCATIONS FOR TYPE 3 GRATES TO REPLACE EXISTING NON-BICYCLE-SAFE GRATES AND REPLACEMENT OF BROKEN TYPE 11 FRAMES AND GRATES WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 10. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- 11. THE RESIDENT ENGINEER SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

- 12. THE ENGINEER SHALL CONTACT MS. DEBBIE HANLON, THE TRAFFIC FIELD ENGINEER, @ 847-438-2300 TWO (2) WEEKS PRIOR TO THE START OF THIS PROJECT SO THAT EXACT STATIONING OF NO PASSING ZONES AND OTHER PERMANENT PAVEMENT MARKINGS MAY BE ESTABLISHED.
- 13. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 14. EXISTING BROKEN FRAMES AND LIDS, OR NON-BICYCLE-SAFE GRATES SHALL
 BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED
 AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND GRATES OR LIDS
 WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD
 SPECIFICATIONS, UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- 15. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS
- 16. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL FOR TYPICAL APPLICATION OF RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) SHOWN IN THE PLANS.
- 17. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- 8. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½1NCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H)
- 19. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 20. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIA'S.
- 21. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND WITH THE CITY OF WAUKEGAN.
- 22. REMOVAL AND REPLACEMENT OF UNSUITABLE SUB-BASE MATERIAL
 AT PAVEMENT PATCHING LOCATIONS SHALL BE PAID FOR AS FOLLOWS:

REMOVAL AND REPLACEMENT 4" OR LESS SHALL BE INCLUDED IN THE COST OF PATCHES OF THE CLASS & TYPE BEING PLACED.

REMOVAL AND REPLACEMENT IN THE EXCESS OF 4" WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

= //4/2008 = K/NI25508\Civil\Sheets\NI225508_NOTE E = 11 = Default = Default

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 137 (GREENWOOD AVE. – BLANCHARD RD.)
INDEX OF SHEETS, STATE STANDARDS, AND GENEERAL NOTES

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

A Rev. 7-16-08

FED. R	OAD DIS	r. NO.	1	ILLINOIS	FED.	AID	PROJECT		
						Т	CONTRACT	T NO. 6	0E56
352		(E, N	۱, [) RS-6			LAKE	21	2
F.A.P. RTE.		S	EC:	LION			COUNTY	TOTAL SHEETS	SHEET NO.

		SUMMARY OF QUANTITIES URBAN TOTAL CONSTRUCTION TYPE		CTION TYPE O		
Т	CODE NO.	ITEM DESCRIPTION	UNIT	QUANTITY		CTION TIPE C
_	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	23.1	23.1	
+	40600300	AGGREGATE (PRIME COAT)	TON	115	115	
7	40000400	MINTURE FOR CRACKS INTUITS AND ELANCEWAYS	TON	177.2	177.2	
+	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS			~	
4	40600895	CONSTRUCTING TEST STRIP	EACH	(2)	2,_) 🕸
\exists	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	194	194	
+	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	411	411	
1		DOLVHEDIZED HOT MIV ACRIMIT CUREACE COURSE MIV //E// NOO	TON	3 765	3 705	
4	40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	TON SQ YO	3,765 7	3,765	
I	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	38,415	38,415	
7	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	50 YD F00T	1,070	1,070	
. {	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ FT SQ YD	1,836	// 3 1,836	
ξ	42400800	DETECTABLE WARNINGS	50 FT	/2	3/Z)	
2		CLASS D PATCHES, TYPE II. 12 INCH DRIVEWAY PAVEMENT REMOVAL	SQ YD	400 32	32	<u> </u>
	44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	190	190 3	A
4	44201796	SIDEWALK REMOVAL CLASS D PATCHES, TYPE IV, 12 INCH	50 YD	1,597	1,597	
4	44003100	MEDIAN REMOVAL FRAMES AND GRATES TO BE ADJUSTED	SQ F7 EACH	190	1907	
5		STORM SEWERS TO BE CLEANED	FOOT	500	500	
	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	62	62	
	60401810	GRATES, TYPE 3	EACH	23	23	
+	60404800	FRAMES AND GRATES, TYPE 11	EACH	1	1	
4	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	50 FT	190	190	_
+	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	En 4		(2)
1	67100100	MOBILIZATION	L SUM	1	1	
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
+	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
						_
-	70300100	SHORT-TERM PAVEMENT MARKING	FOOT '	8000	8000) (2)
	70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	436	436	
1	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	23,042	23,042	
-	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,628	1,628	
_	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	480	480	
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	259	259	
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT (2640	2640	72
	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	437	437	
					27.042	
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	23,042	23,042	
	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1654	1654	1/2
	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	480	480	
-	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	259	259	
1		RAISED REFLECTIVE PAVEMENT MARKER	EACH		J	
	78100100			561	561 *	2
7	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH (561	561	<u> </u>
	88600600	DETECTOR LOOP REPLACEMENT	FOOT	664	664	
\dashv	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	77.1	77.1	7.
1)A
	X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50	TON (1615	1615	
	70018500 70004500	DRAINAGE STRUCTURES TO BE CLEANED BITUMINOUS DRIVEWAY PAVEMENT B"	EACH 50 YD	48 7	48	
1		DITTINOUS VAIVENTY FITCHENIO	- HOUR			

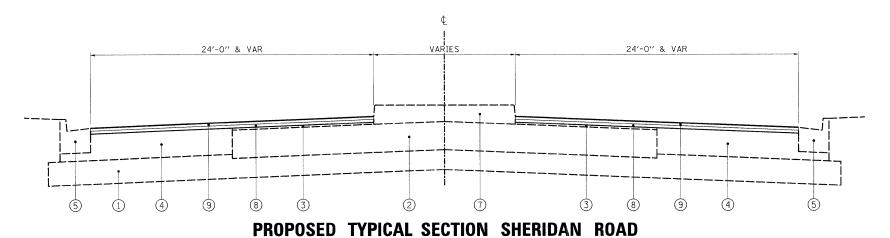
SPECIALTY ITEM
 NP = Non-participating

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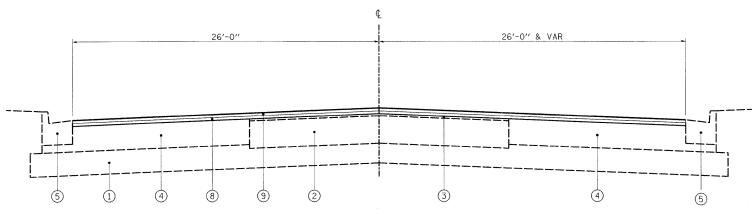
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

12 Rev. 7-16-08 F.A.P. RTE. 352 IL ROUTE 137 (GREENWOOD AVE. – BLANCHARD RD.) SUMMARY OF QUANTITIES SHEET NO. OF SHEETS STA. TO STA.

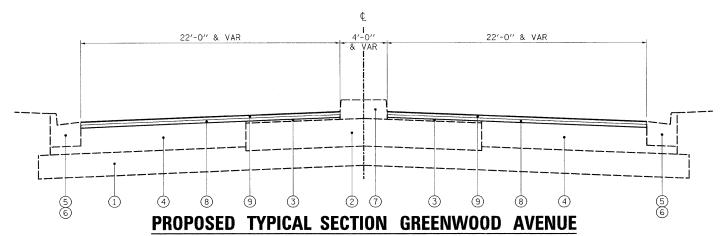


STA 14+46 TO STA 22+25



PROPOSED TYPICAL SECTION SHERIDAN ROAD

STA 22+25 TO STA 71+27



STA 16+08 TO STA 22+04

HOT-MIX ASPHALT MIXTURE

MIXTURE	AC TYPE	AIR VOIDS (%)
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	SBS/SBR PG 70-22	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER, IL-19 mm)	PG 64-22*	4% @ 70 GYR.
CLASS D PATCH (HMA BINDER, IL-19 mm)	PG 64-22*	4% @ 70 GYR.
TEMPORARY RAMPS (HMA BINDER, IL-19 mm)	PG 64-22*	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN

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

LEGEND

- 1 EXISTING AGGREGATE BASE COURSE
- 2 EXISTING PCC PAVEMENT, 14"
- 3 EXISTING HOT-MIX ASPHALT PAVEMENT, 4" (BEFORE SURFACE REMOVAL)
- 4 EXISTING HOT-MIX ASPHALT PAVEMENT, 16" (BEFORE SURFACE REMOVAL)
- (5) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- 6 EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.12
- 7 EXISTING MEDIAN
- PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, "MIX F", N90, 13/4"

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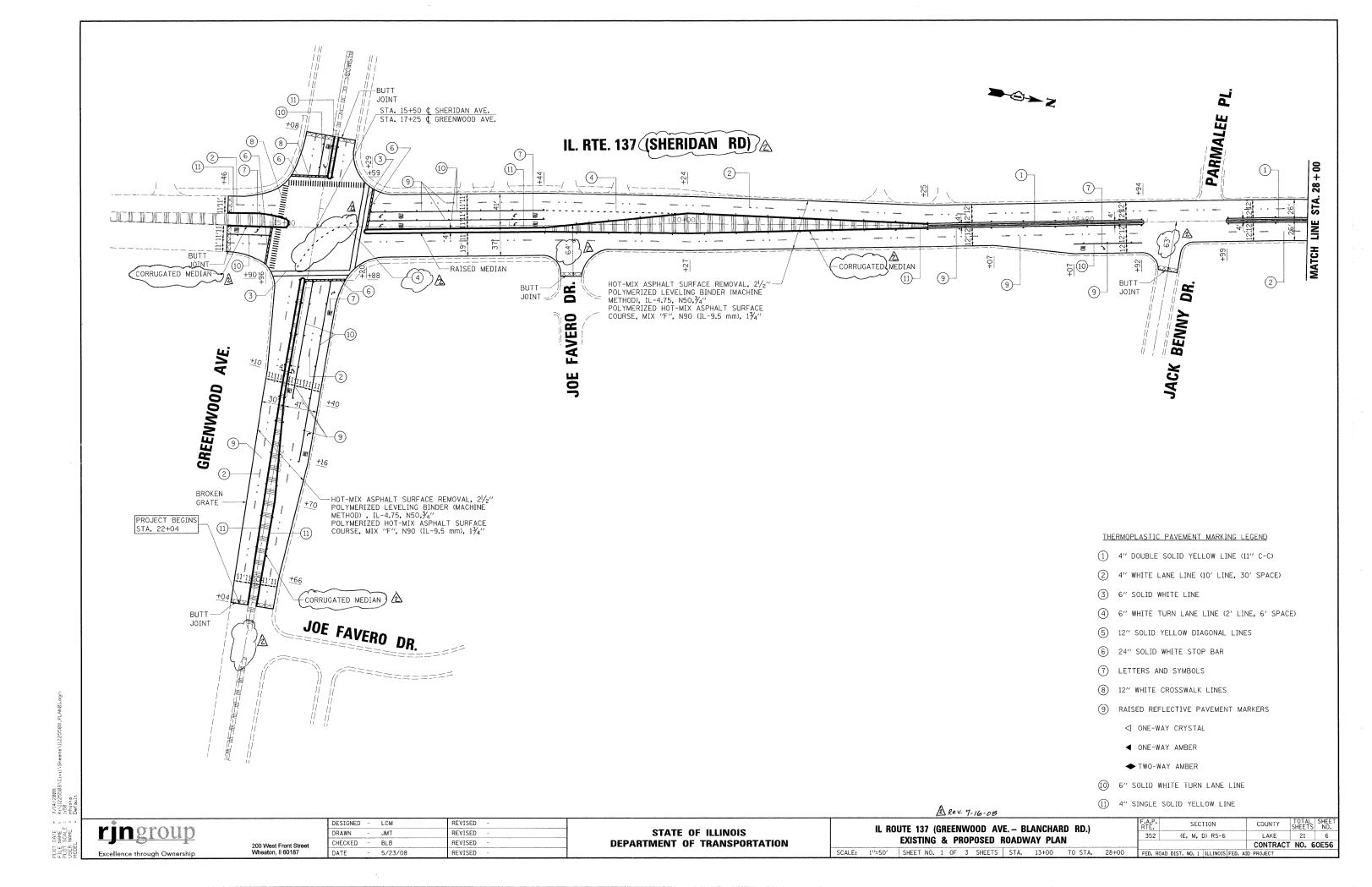
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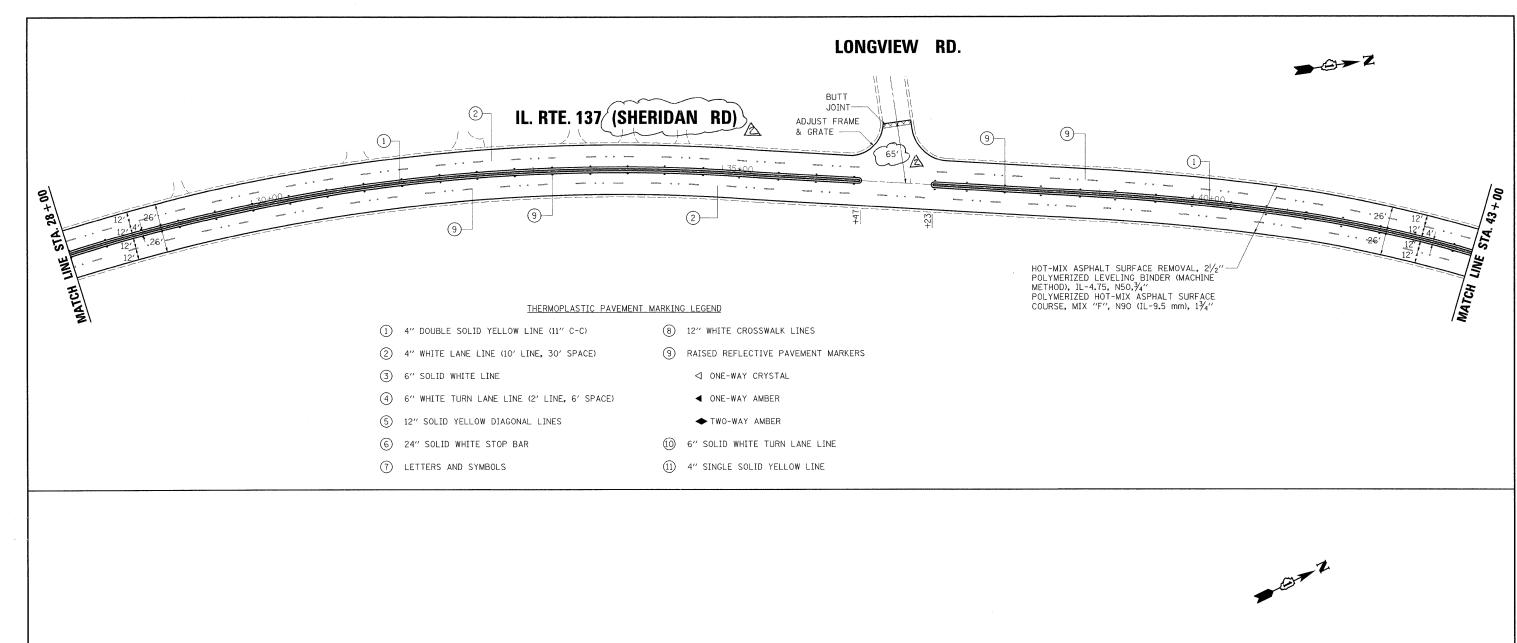
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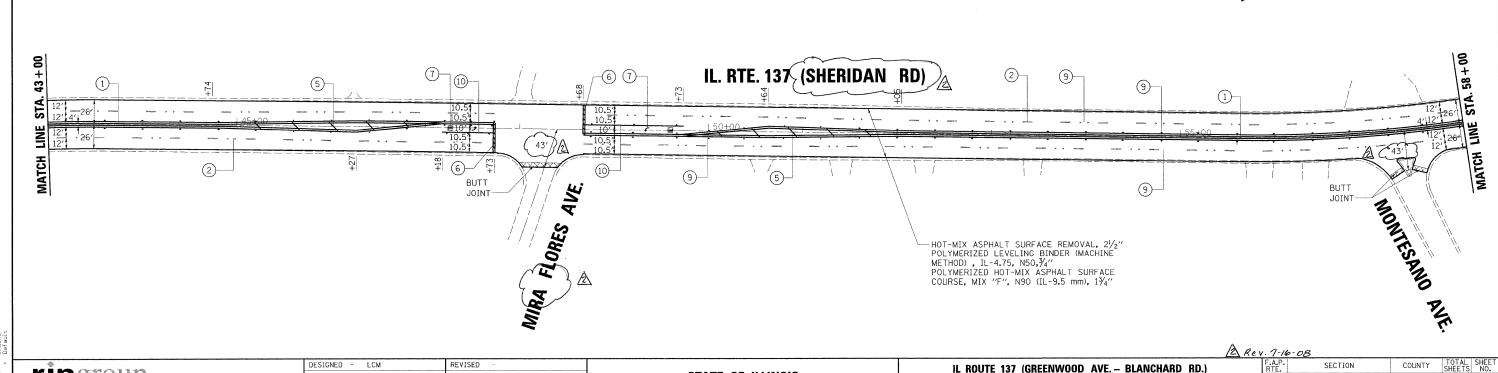
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** IL ROUTE 137 (GREENWOOD AVE. - BLANCHARD RD.) PROPOSED TYPICAL SECTIONS SHEET NO. OF SHEETS STA. TO STA.

SCALE:

Rev. 7-16-08 SECTION LAKE 21 5 352 CONTRACT NO. 60E56







STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

LAKE

EXISTING & PROPOSED ROADWAY PLAN

SCALE: 1"=50' SHEET NO. 2 OF 3 SHEETS STA. 28+00 TO STA. 58+00

21

CONTRACT NO. 60E56

REVISED

REVISED

REVISED

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200 West Front Street Wheaton, II 60187 CHECKED

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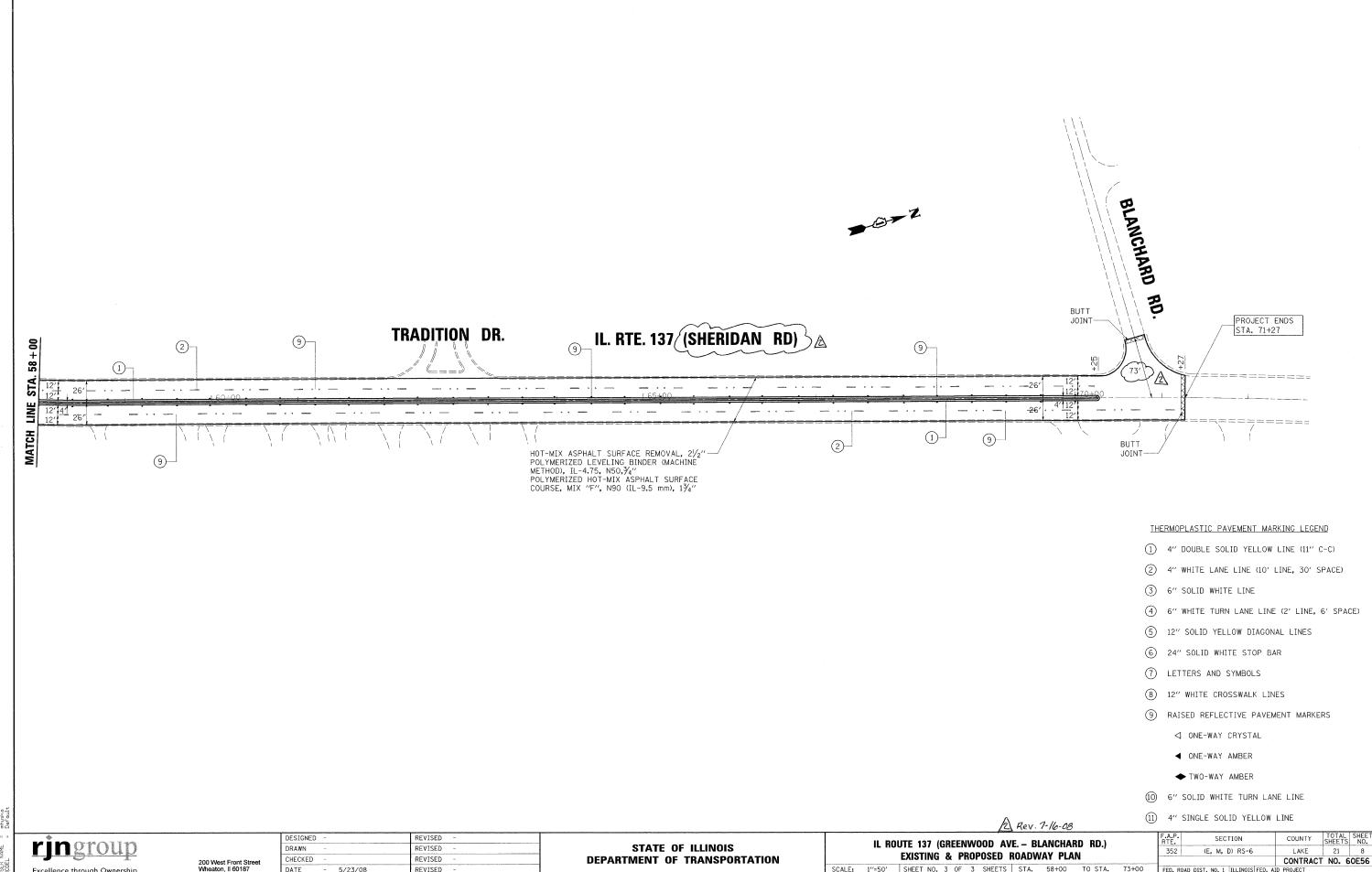
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5/23/08

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DATE NAME SCALE NAME



SCALE: 1"=50" SHEET NO. 3 OF 3 SHEETS STA. 58+00 TO STA. 73+00

DATE NAME SCALE NAME

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5/23/08

REVISED