

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, STANDARDS, SIGNATURE BLOCK
- 3 LOCATION MAP
- 4 SUMMARY OF QUANTITIES
- 5-6 TYPICAL SECTIONS
- 7-10 SCHEDULES
- 11 TIE POINTS
- 12-14 PLAN SHEETS
- 15-17 DETAILS

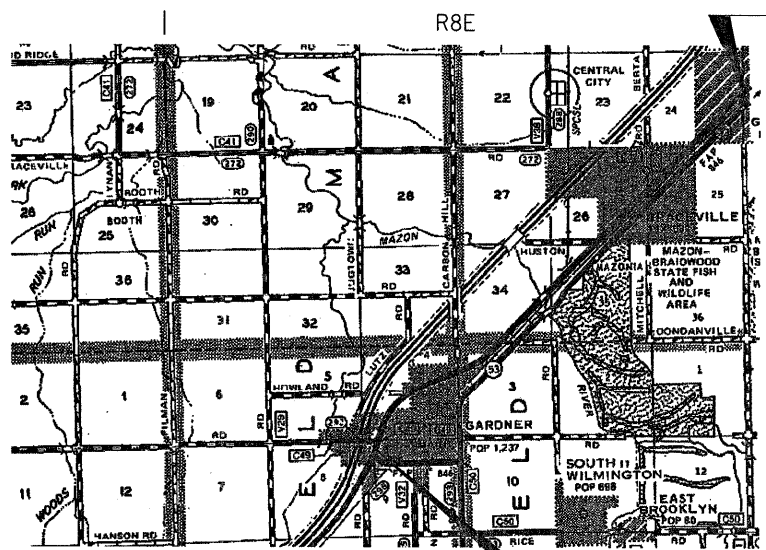
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 846 (IL 53)
SECTION (5&6)RS-2
PROJECT *ESP-0846(019)*
GRUNDY COUNTY

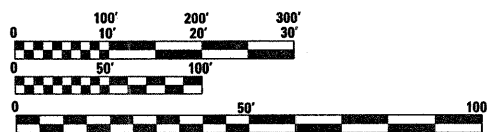
C93-119-04

3P MILLING AND RESURFACING FROM THE EAST ABUTMENT
OF THE I-55 OVERHEAD IN GARDNER TO THE SOUTH RADII OF
COUNTY LINE ROAD AT THE WILL COUNTY LINE

PROJECT ENDS
SOUTH RADII
CLR AT WILL
COUNTYLINE.
LOG MILE = 6.44



PROJECT BEGINS
EAST ABUTMENT
I-55 OVERHEAD
LOG MI. = 0.031



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

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

PROJECT ENGINEER: CRAIG REED
UNIT CHIEF: SCOTT A. FERGUSON
TOWNSHIPS: GARFIELD, GREENFIELD, BRACEVILLE

CONTRACT NO. 66475

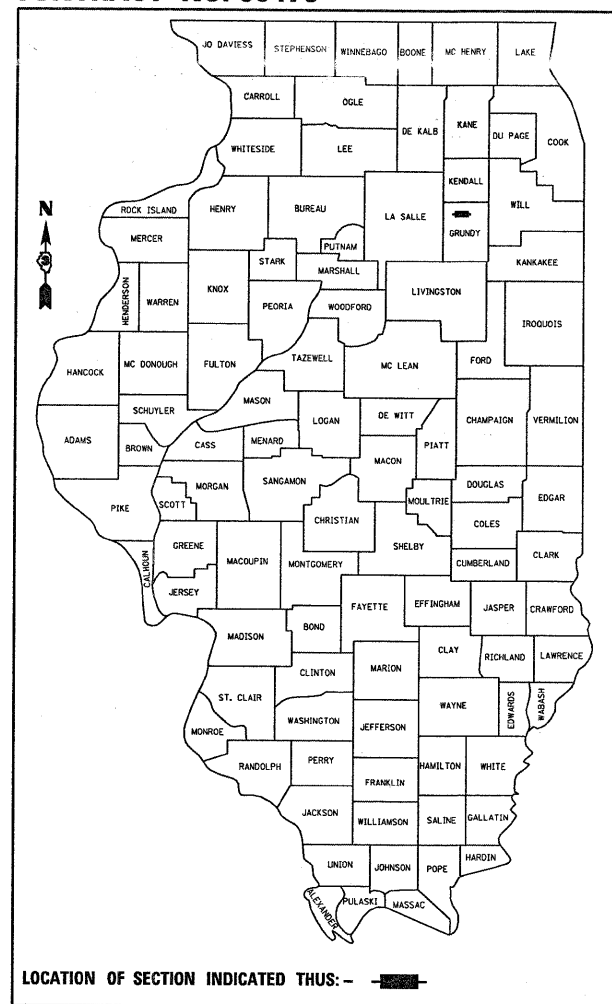
GROSS LENGTH = 33839.6 FT. = 6.44 MILE

NET LENGTH = 33327.4 FT. = 6.31 MILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	(5&6)RS-2	GRUNDY	17	1
		ILLINOIS	CONTRACT NO. 66475	

D93-063-04

CONTRACT NO. 66475



HIGHWAY CLASSIFICATION
RURAL MINOR ARTERIAL

2003 ADT = 1750
PV 89% SU 5.5% MU 5.5%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *215* 20 *09*

George F. Reed
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 13, 2009
Charles G. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT

March 13, 2009
Christina M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ADDITIONAL LEVELING BINDER, AT THE RATE GIVEN ON THE TYPICAL SECTIONS, HAS BEEN ADDED TO THE QUANTITIES TO CORRECT TO A 3/16"/FT. CROWN ON SECTIONS OF EXISTING ROADWAYS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.08	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.08	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: NONE

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: NONE

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RS OR WIDENING & RS PROJECTS
667101-01	PERMANENT SURVEY MARKERS
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS **e**
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS **e**
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-01	TRAFFIC CONTROL DEVICES
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *R. Paul*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 2.5.09

NO REVIEW: *Hubert L. ...*
DISTRICT CONSTRUCTION ENGINEER

Ben A. ...
DISTRICT OPERATIONS ENGINEER

Wayne S. ...
DISTRICT MATERIALS ENGINEER

END PROJECT
 LOG MI. = 6.440
 S. RADII OF COUNTY LINE RD.
 WILL COUNTY LINE



COUNTY LINE ROAD
 WILL COUNTY LINE

MAIN ST.
 LOG MI. 5.178

BRACEVILLE INTERSECTION
 AT MITCHELL RD
 LOG MI. 4.840 TO LOG MI. 5.076

1300 N
 LOG MI 5.01

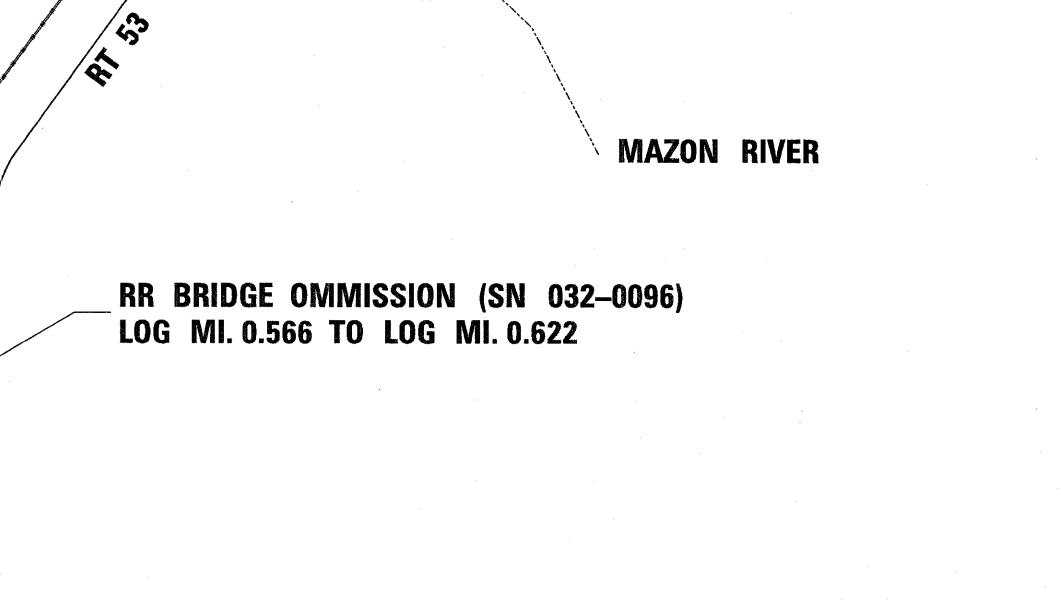
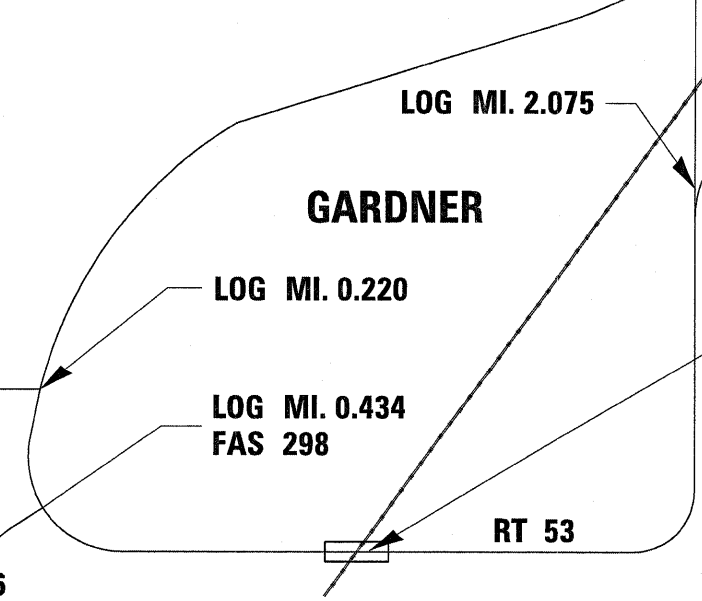
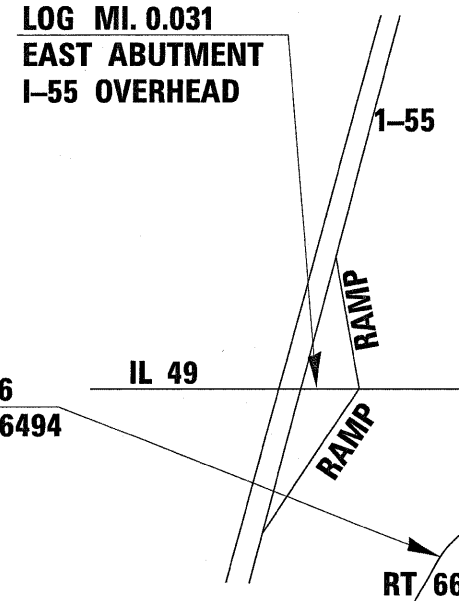
HUSTON RD.
 LOG MI. 4.293

BRIDGE OMISSION (SN 032-0023)
 3.389 TO 3.430 (200')

TR 135 (COSTER RD.)
 LOG MI 2.836

BEGIN PROJECT
 LOG MI. 0.031
 EAST ABUTMENT
 I-55 OVERHEAD

RESURFACING LIMIT
 600' SOUTH ON OLD 66
 TO MEET CONTRACT 66494
 OF THE SAME LETTING



FILE NAME =	USER NAME = Fergusonsa	DESIGNED -	REVISED -
c:\pwork\PW\DOT\FERGUSONSA\d0118773\lahts.dgn		DRAWN -	REVISED -
PLOT SCALE = 20,0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Feb 06, 2009 - 09:20:03 AM		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOCATION MAP

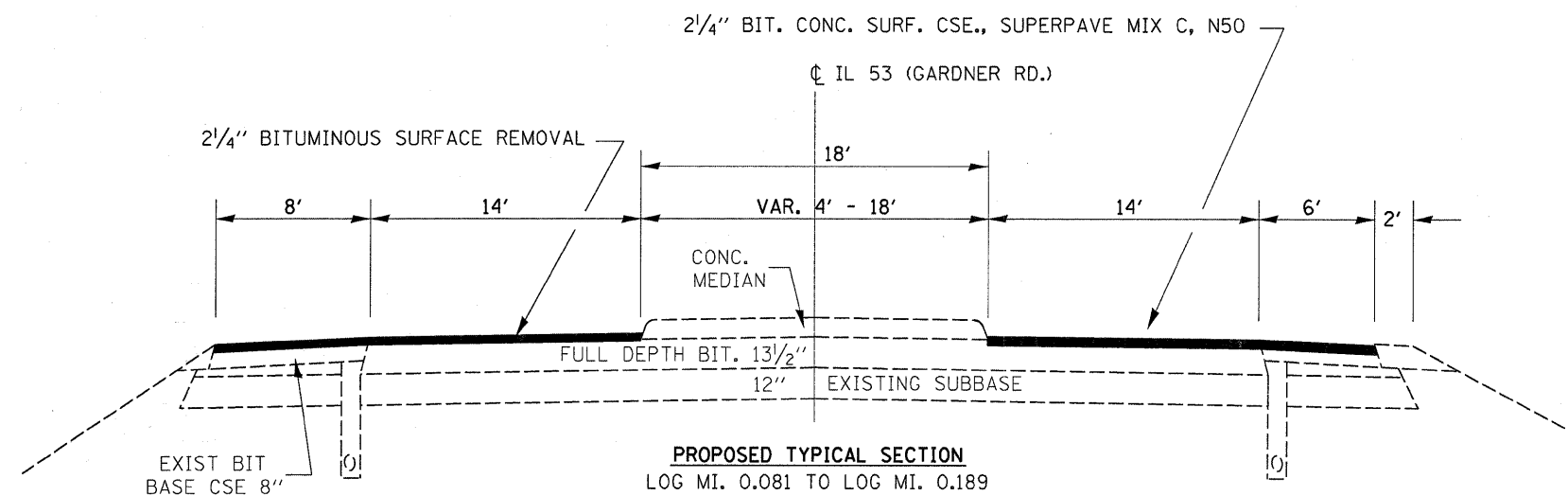
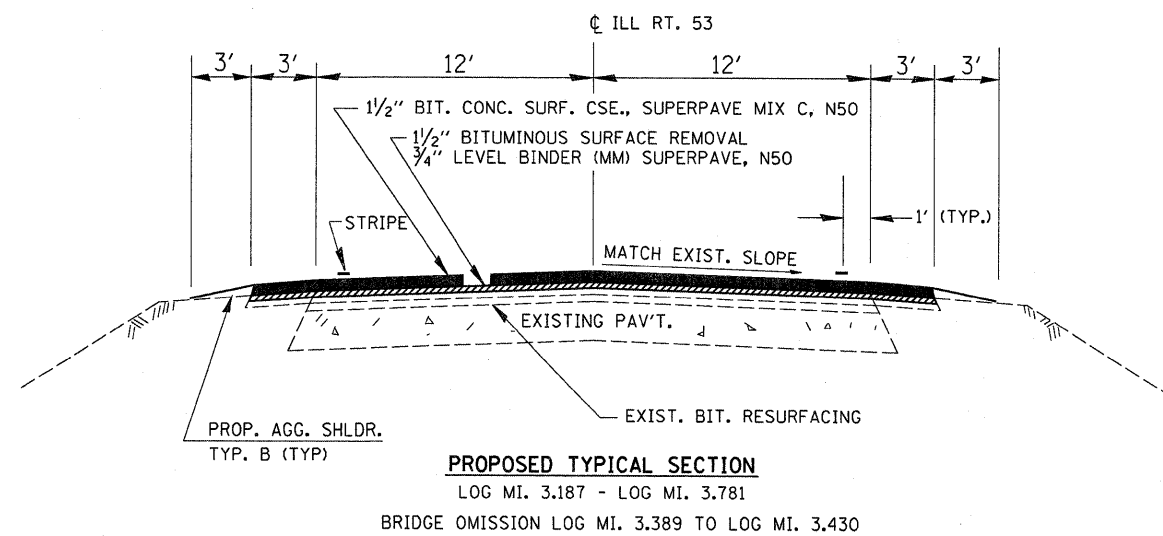
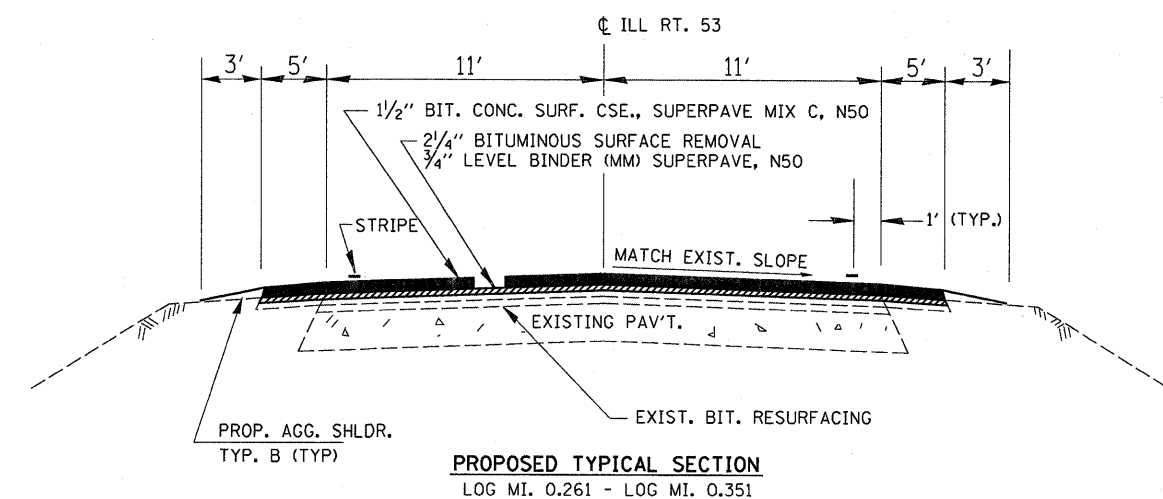
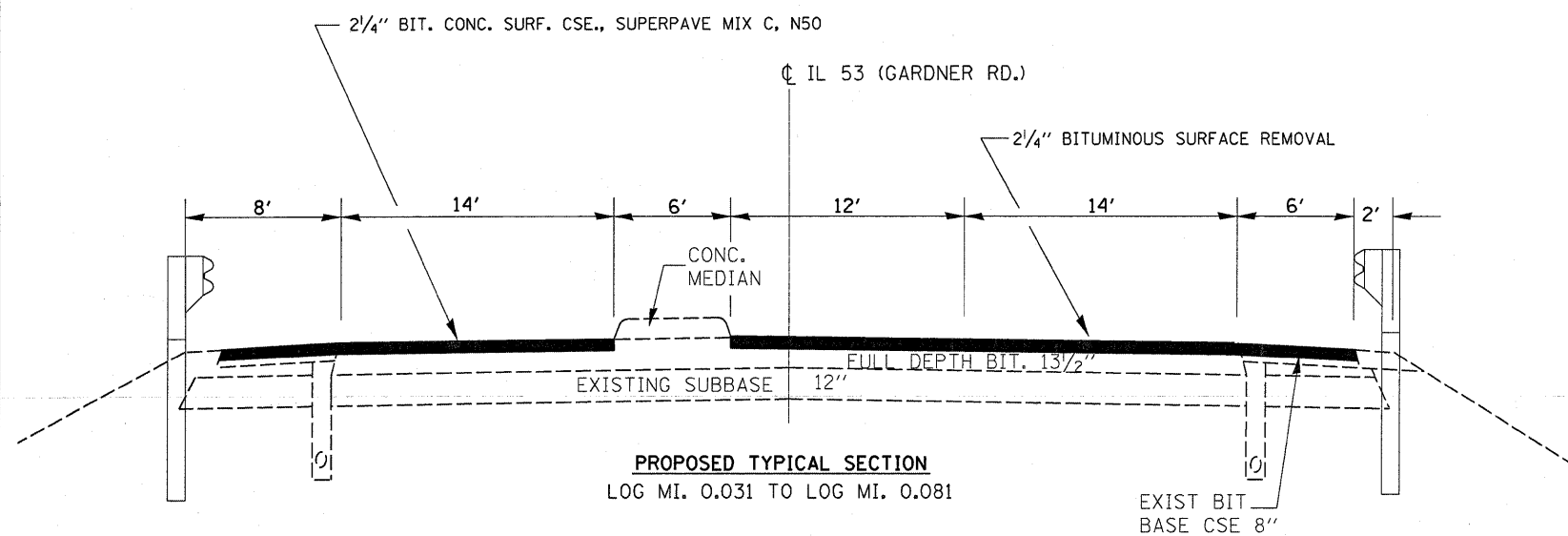
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	(5&6)RS-2	GRUNDY	17	3
CONTRACT NO. 66475				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			100% FEDERAL
CODE NO.	ITEM	UNIT	CONSTRUCTION CODE TYPE:
			LIVINGSTON ROADWAY I000
20400800	FURNISHED EXCAVATION	CU YD	50
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	44
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	13822
40600300	AGGREGATE (PRIME COAT)	TON	230
40600535	LEVELING BINDER (HAND METHOD), N70	TON	53.8
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	4500
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2076
40600990	TEMPORARY RAMP	SQ YD	3403
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	9000
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	566
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	74684
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	32450
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	272
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	43
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	70
48101200	AGGREGATE SHOULDERS,TYPE B	TONS	3793
66700095	PERMANENT SURVEY MARKERS	EACH	2
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	15294

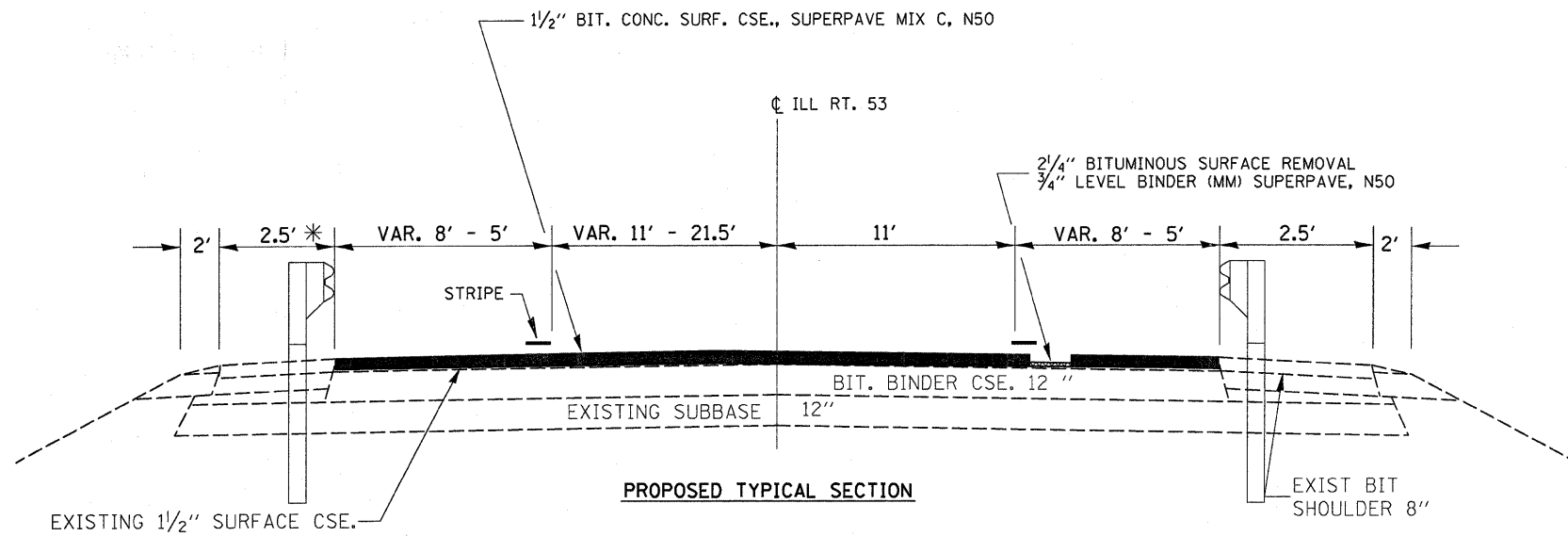
SUMMARY OF QUANTITIES			100% FEDERAL
CODE NO.	ITEM	UNIT	CONSTRUCTION CODE TYPE:
			LIVINGSTON ROADWAY I000
70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	277
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	79906
70300635	TEMPORARY PAINT PAVEMENT MARKING LINE 6"	FOOT	7423
70300640	TEMPORARY PAINT PAVEMENT MARKING LINE 8"	FOOT	733
70300645	TEMPORARY PAINT PAVEMENT MARKING LINE 12"	FOOT	1674
70300660	TEMPORARY PAINT PAVEMENT MARKING LINE 24"	FOOT	191
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1699
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	277
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	34358
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1944
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	733
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1674
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	191
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	45548
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	5479
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	462
78200300	PRISMATIC CURB REFLECTOR	EACH	75
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	462
20048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1

* SPECIALTY ITEMS



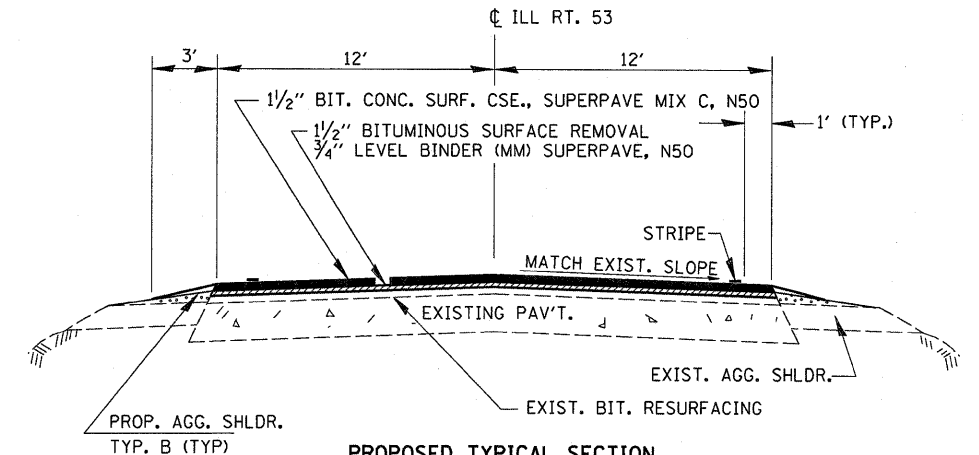
	SUPERPAVE SURFACE	SUPERPAVE LEVEL BINDER
PG GRADE	PG64-22	PG64-22
MAX % RAP ALLOWABLE	15%	25%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 12.5 OR IL 9.5	IL 9.5
FRICTION AGGREGATE	MIXTURE C	
DENSITY CONTROL METHOD	CORRELATION	

** If RAP option is selected, the asphalt cement grade may need to be adjusted. This will be determined by the Engineer.



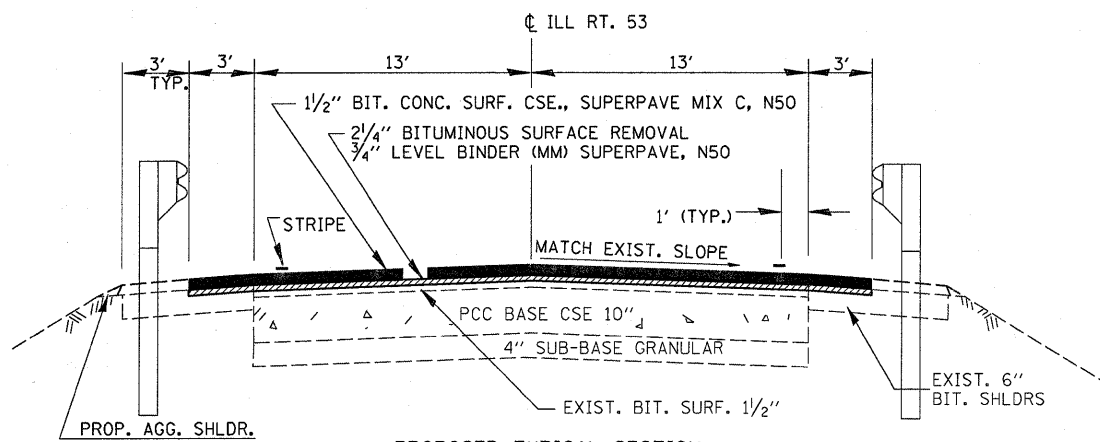
PROPOSED TYPICAL SECTION

LOG MI. 0.351 TO LOG MI. 0.831
 *CURB & GUTTER SECTION LT
 LOG MI. 0.361 TO LOG MI. 0.549
 BRIDGE OMISSION
 LOG MI. 0.566 TO LOG MI. 0.622



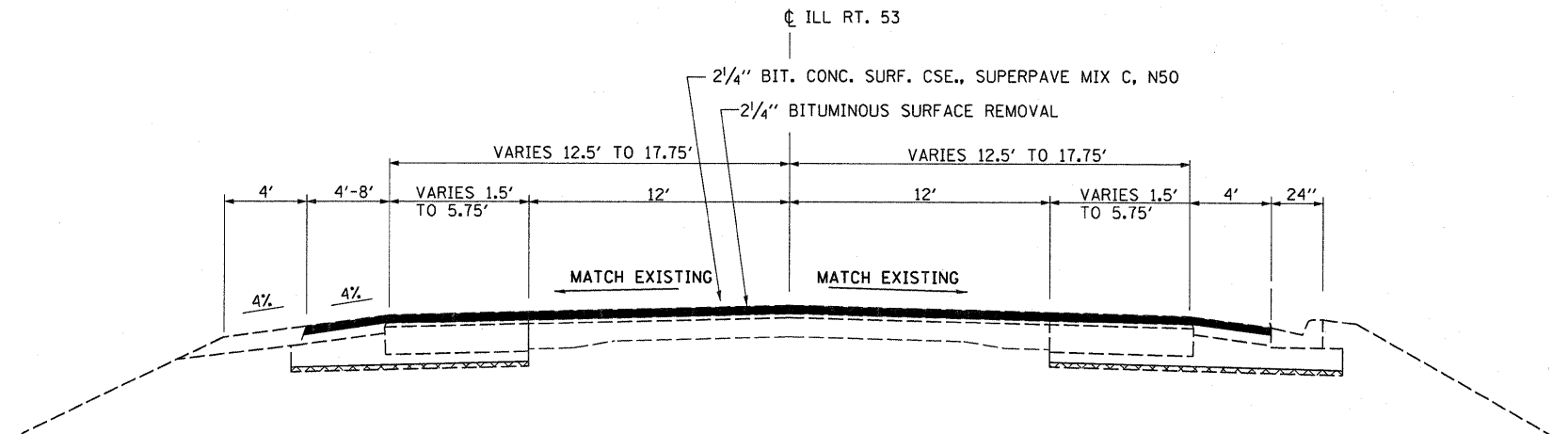
PROPOSED TYPICAL SECTION

LOG MI. 0.831 - LOG MI. 1.982
 LOG MI. 2.148 TO LOG MI. 4.840
 LOG MI. 5.076 TO LOG MI. 6.440



PROPOSED TYPICAL SECTION

LOG MI. 1.982 TO LOG MI. 2.148



PROPOSED TYPICAL SECTION

LOG MI. 4.840 TO LOG MI. 5.076
 BRACEVILLE INTERSECTION
 AT MITCHELL ROAD

FILE NAME =	USER NAME = fergusonsa	DESIGNED -	REVISED -
c:\pw_work\PWIDOT\FERGUSONSA\d0118773\lahts.dgn		DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Feb 06, 2009 - 09:20:32 AM		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A. RTE. 846	SECTION (5&6)RS-2	COUNTY GRUNDY	TOTAL SHEETS 17	SHEET NO. 6
CONTRACT NO. 66475				
ILLINOIS FED. AID PROJECT				

MAINLINE SCHEDULE

LOCATION IL 53	LENGTH	WIDTH	WIDTH AVG	SHLDR WIDTH BY SIDE	SHLDR WIDTH	AREA PVMT	AREA SHLDR	BITUMINOUS CONC. SURF COURSE SUPERPAVE 1 1/2"	BIT. CONC. LEV. BIND. COURSE SUPERPAVE 3/4"	BIT. PRIME COAT	LEVEL BINDER HAND METHOD	AGG PRIME COAT	BIT SURF REMOVAL 1 1/2"	BIT SURF REMOVAL 2 1/4"	BIT. SURF REM. BUTT JT.	TEMP RAMP	AGG SHLDRS TY B
	FT	FT	FT	FT	FT	SO YD	SO YD	TONS	TONS	GALLONS	TONS	TONS	SO YD	SO YD	SO YD	SO YD	TONS
GRUNDY COUNTY																	
MEDIAN AREA AT I-55 OVERHEAD																	
LOG MI. 0.031 TO 0.056	132.0	40.0	40.0	6' RT, 8' LT	14.0	586.7	205.3	66.5	33.3	63.4	0.4	1.6		792.0		30.0	15.0
LOG MI. 0.056 TO 0.066	52.8	40-42	41	6' RT, 8' LT	14	240.5	82.1	27.1	13.6	25.8	0.2	0.7		322.7			6.0
LOG MI. 0.066 TO 0.078	63.4	46	46	6' RT, 8' LT	14	324.0	98.6	35.5	17.8	33.8	0.2	0.9		422.7			7.2
LOG MI. 0.078 TO 0.082	21.1	46	46	0	0	107.8	0.0	9.1	4.5	8.6	0.1	0.2		107.8			2.4
LOG MI. 0.082 TO 0.092	52.8	28-40	34	0	0	199.5	0.0	16.8	8.4	16.0	0.1	0.4		199.5		181.1	6.0
LOG MI. 0.092 TO 0.108	84.5	28	28	0	0	262.9	0.0	22.1	11.0	21.0	0.1	0.5		262.9			9.6
LOG MI. 0.108 TO 0.177	364.5	28	28	6' RT, 8' LT	14	1134.0	567.0	142.9	71.4	136.1	0.9	3.4		1701.0			41.5
LOG MI. 0.177 TO 0.190	68.6	26-28	27	6' RT, 8' LT	14	205.8	106.7	26.3	13.1	25.0	0.2	0.6		312.5			7.8
IL 53 & IL 129 INTERSECTION	SEE PLAN SHEET	FOR LIMITS															
LOG MI. 0.190 TO 0.260	369.6	VAR	VAR	VAR	VAR	607.3	3617.1	354.8	177.4	338.0	2.1	8.5		4224.4		26.7	
LOG MI. 0.260 TO 0.351	480.5	22	22	5' RT, 5' LT	10	1174.6	533.9	143.5	71.8	222.1	0.9	3.4		1708.4			54.7
LOG MI. 0.351 TO 0.408	300.96	33	33	5' RT, 5' LT	10	1103.5	334.4	120.8	60.4	186.9	0.7	2.9		1437.9			34.3
LOG MI. 0.434 at OLD RT 66 TO 600' S. ON RT. 66	600	22	22	5' RT, 5' LT	10	1466.7	666.7	179.2	89.6	277.3	1.1	4.3		2133.3	142.2	26.7	68.3
LOG MI. 0.408 TO 0.566	834.2	33	33	8' RT, 8' LT	16	3058.7	1483.0	381.5	190.8	590.4	2.3	9.1		4541.8	217.8	26.7	95.0
LOG MI. 0.566 TO 0.622	295.7	RAILROAD BRIDGE OMISSION															
LOG MI. 0.622 TO 0.736	601.9	22	22	8' RT, 8' LT	16	1471.3	1070.0	213.5	106.7	330.4	1.3	5.1		2541.4	168.9	21.1	68.5
LOG MI. 0.736 TO 0.831	501.6	22	22	5' RT, 5' LT	10	1226.1	557.3	149.8	74.9	231.9	0.9	3.6		1783.5			57.1
LOG MI. 0.831 TO 1.982	6077.3	24	24	0	0	16206.1	0.0	1361.3	680.7	2106.8	8.1	32.4	16206.1				692.1
LOG MI. 1.982 TO 2.148	876.5	26	26	3' RT, 3' LT	6	2532.1	584.3	261.8	130.9	405.1	1.6	6.2		3116.4			99.8
LOG MI. 2.148 TO 3.187	5485.9	24	24	0	0	14629.1	0.0	1228.8	614.4	1901.8	7.3	29.3	14629.1				624.8
LOG MI. 3.187 TO 3.389	1066.5	24	24	3' RT, 3' LT	6	2844.0	711.0	298.6	149.3	462.2	1.8	7.1	3555.0		133.3	16.7	121.5
LOG MI. 3.389 TO 3.430	216.5	SN 032-0023 OVER MAZON RIVER BRIDGE OMISSION															
LOG MI. 3.430 TO 3.781	1853.3	24	24	3' RT, 3' LT	6	4942.1	1235.5	518.9	259.5	803.1	3.1	12.4	6177.7		133.3	16.7	211.1
LOG MI. 3.781 TO 4.840	5591.52	24	24	0	0	14910.7	0.0	1252.5	626.3	1938.4	7.5	29.8	14910.7				636.8
BRACEVILLE RD. INTERSECTION	SEE PLAN SHEET	FOR LIMITS															
LOG MI. 4.840 TO 4.896	295.7	27-35.5	31.25	4' RT, 4' LT	8	1026.7	262.8	108.3	54.2	167.6	0.6	2.6		1289.6			33.7
LOG MI. 4.896 TO 4.935	205.9	35.5	35.5	4' RT, 4' LT	8	812.2	183.0	83.6	41.8	129.4	0.5	2.0		995.2			23.4
LOG MI. 4.935 TO 4.983	253.4	VAR.	VAR.	VAR.	VAR.	333.7	1948.8	191.7	95.9	182.6	1.1	4.6		2282.5			
LOG MI. 4.983 TO 5.013	158.4	35.5	35.5	4' RT, 8' LT	12	624.8	211.2	70.2	35.1	66.9	0.4	1.7		836.0		26.7	18.0
LOG MI. 5.013 TO 5.028	79.2	35-31	33	4' RT, 8' LT	12	290.4	105.6	33.3	16.6	31.7	0.2	0.8		396.0		16.7	9.0
LOG MI. 5.028 TO 5.076	253.4	31-27	29	4' RT, 4' LT	8	816.5	225.2	87.5	43.8	83.3	0.5	2.1		1041.8			28.9
LOG MI. 5.076 TO 6.440	7201.9	24	24	0	0	19205.1	0.0	1613.2	806.6	2496.7	9.6	38.4	19205.1		80.0	13.3	820.2
TOTAL	34439.6					92343.0	14789.8	9000	4500	13283	53.8	215	74684	32450	875	403	3793

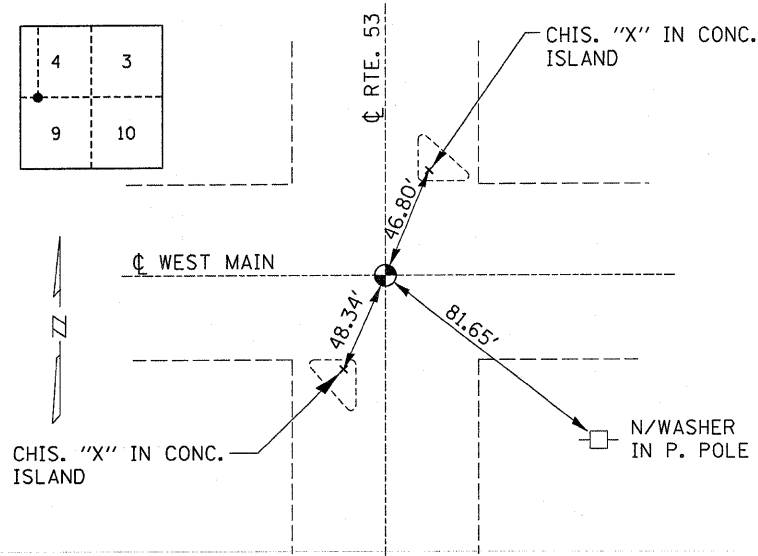
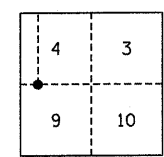
PAVEMENT MARKING SCHEDULE

LOCATION	LENGTH FT	PAINT PAVEMENT MARKING			THERMOPLASTIC PAVEMENT MARKING							LETTERS & SYMBOLS SQ FT	SHORT TERM PVMT MK LIN FT	WORK ZONE PVMT MK REM SQ FT	
		4"		6"	4"		6"	8"	12"	12"	24"				
		WHITE LIN FT	YELLOW LIN FT	YELLOW LIN FT	WHITE LIN FT	YELLOW LIN FT	YELLOW LIN FT	WHITE LIN FT	WHITE LIN FT	YELLOW LIN FT	WHITE LIN FT				
GRUNDY COUNTY															
MEDIAN AREA AT I-55 OVERHEAD															
LOG MI. 0.031 TO 0.056	132.0				264	264		132.0					31.2	119	13.2
LOG MI. 0.056 TO 0.066	52.8				105.6	105.6		52.8						48	5.3
LOG MI. 0.066 TO 0.078	63.4				126.8									0	0
LOG MI. 0.078 TO 0.082	21.1				42.2									0	0
LOG MI. 0.082 TO 0.092	52.8				105.6	105.6								32	3.6
LOG MI. 0.092 TO 0.108	84.5				169	169								51	5.7
LOG MI. 0.108 TO 0.177	364.5				729	729								219	24.3
LOG MI. 0.177 TO 0.190	68.6				137.2									0	0
IL 53 & IL 129 INTERSECTION															
SEE PLAN SHEET FOR LIMITS															
LOG MI. 0.190 TO 0.260	369.6				1160	760	30	160	290		60			1392	154.7
LOG MI. 0.260 TO 0.351	480.5				961		120							144	16
LOG MI. 0.351 TO 0.408	300.96				601.92	601.9								181	20.1
LOG MI. 0.434 at OLD RT 66 TO 600' S. ON RT. 66															
	600	1200		150					100						
LOG MI. 0.408 TO 0.566	834.2				1668.4	1668.4								501	55.7
LOG MI. 0.566 TO 0.622	295.7														
RAILROAD BRIDGE OMISSION															
LOG MI. 0.622 TO 0.736	601.9				1203.8	734.4								220	24.4
LOG MI. 0.736 TO 0.831	501.6				1003.2	105.6	26							63	7
LOG MI. 0.831 TO 1.982	6077.3				12154.6		1519				80			2471	274.5
LOG MI. 1.982 TO 2.148	876.5				1753		219							263	29.2
LOG MI. 2.148 TO 3.187	5485.9	10971.8		1371										1645	182.8
LOG MI. 3.187 TO 3.389	1066.5	2133	800	267										320	35.6
SN 032-0023 OVER MAZON RIVER BRIDGE OMISSION															
LOG MI. 3.389 TO 3.430	216.5														
LOG MI. 3.430 TO 3.781	1853.3	3706.6	1150	463										556	61.8
LOG MI. 3.781 TO 4.840	5591.52	11183.04		1398										1678	186.4
BRACEVILLE RD. INTERSECTION															
SEE PLAN SHEET FOR LIMITS															
LOG MI. 4.840 TO 4.896	295.7				591.4	1182.8					135			355	39.4
LOG MI. 4.896 TO 4.930	177				354	708					75			212	23.6
LOG MI. 4.930 TO 4.983	279.8			30	559.6	588	30	388	256		95	184.8		2075	230.5
LOG MI. 4.983 TO 5.013	158.4				316.8	633.6					75			190	21.1
LOG MI. 5.013 TO 5.028	79.2				158.4	316.8					67.5			95	10.6
LOG MI. 5.028 TO 5.076	253.4				506.8	1013.6					675			304	33.8
LOG MI. 5.076 TO 6.440	7201.9	14403.8		1800									61.2	2160	240
TOTAL	34437.1	43598	1950	5479	24672	9686	1944	733	646	1028	191	277		15294	1699

NOTE: TEMPORARY PAVEMENT MARKING QUANTITIES MATCH PERMANENT QUANTITIES AND LOCATIONS (SEE SUMMARY)

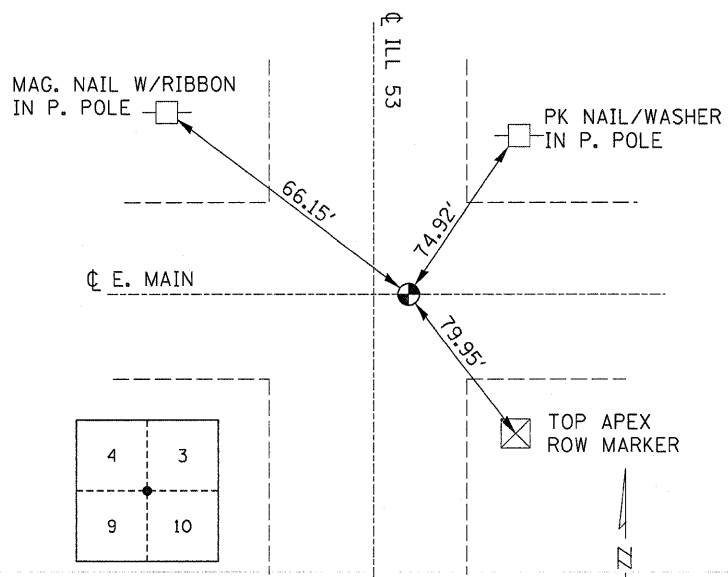
RAISED REFLECTIVE PAVEMENT MARKERS						
LOCATION	LENGTH	ONE WAY		TWO WAY AMBER	REFLECTOR REMOVAL	PRISMATIC CURB REFLECTORS
		CRYSTAL	AMBER			
GRUNDY COUNTY	FT	EACH	EACH	EACH	EACH	EACH
MEDIAN AREA AT I-55 OVERHEAD						
LOG MI. 0.031 TO 0.056	132.0	3			3	7
LOG MI. 0.056 TO 0.066	52.8	1			1	5
LOG MI. 0.066 TO 0.078	63.4				0	
LOG MI. 0.078 TO 0.082	21.1				0	
LOG MI. 0.082 TO 0.092	52.8				0	5
LOG MI. 0.092 TO 0.108	84.5				0	4
LOG MI. 0.108 TO 0.177	364.5				0	18
LOG MI. 0.177 TO 0.190	68.6				0	
IL 53 & IL 129 INTERSECTION						
SEE PLAN SHEET FOR LIMITS						
LOG MI. 0.190 TO 0.260	369.6			10	10	18
LOG MI. 0.260 TO 0.351	480.5			6	6	
LOG MI. 0.351 TO 0.408	300.96			4	4	
LOG MI. 0.408 TO 0.566	834.2			10	10	
RAILROAD BRIDGE OMISSION						
LOG MI. 0.566 TO 0.622	295.7			8	8	
LOG MI. 0.622 TO 0.736	601.9			6	6	
LOG MI. 0.736 TO 0.831	501.6			76	76	
LOG MI. 0.831 TO 1.982	6077.3			11	11	
LOG MI. 1.982 TO 2.148	876.5			69	69	
LOG MI. 2.148 TO 3.187	5485.9			13	13	
LOG MI. 3.187 TO 3.389	1066.5					
SN 032-0023 OVER MAZON RIVER BRIDGE OMISSION						
LOG MI. 3.389 TO 3.430	216.5			23	23	
LOG MI. 3.430 TO 3.781	1853.3			70	70	
LOG MI. 3.781 TO 4.840	5591.52					
BRACEVILLE RD. INTERSECTION						
SEE PLAN SHEET FOR LIMITS						
LOG MI. 4.840 TO 4.896	295.7		15		15	
LOG MI. 4.896 TO 4.930	177		9		9	
LOG MI. 4.930 TO 4.983	279.8	6		8	14	18
LOG MI. 4.983 TO 5.013	158.4		8		8	
LOG MI. 5.013 TO 5.028	79.2		3		3	
LOG MI. 5.028 TO 5.076	253.4		13		13	
LOG MI. 5.076 TO 6.440	7201.9			90	90	
TOTAL	33837.1	10	48	404	462	75

PATCHING SCHEDULE GARDNER TO GRUNDY/WILL COUNTY LINE							
LOG MILE	OFFSET LEFT/RIGHT	WIDTH	LENGTH	TYPE II	TYPE III	TYPE IV	DESCRIPTION
				SQ YD	SQ YD	SQ YD	
0.2	LEFT	13	6	8.7			REFLECTIVE CRACK
0.2	RIGHT	13	6	8.7			REFLECTIVE CRACK
0.67	LEFT	21	30			70	HEAVE
2	LEFT	16	12		21.3		ABOVE CULVERT
2	RIGHT	16	12		21.3		ABOVE CULVERT
2.4	LEFT	13	10	14.4			SETTLEMENT
2.4	RIGHT	13	10	14.4			SETTLEMENT
4.6	RIGHT	13	6	8.7			REFLECTIVE CRACK
4.7	LEFT	13	6	8.7			REFLECTIVE CRACK
4.7	RIGHT	13	6	8.7			REFLECTIVE CRACK
4.8	LEFT	13	6	8.7			REFLECTIVE CRACK
4.8	RIGHT	13	6	8.7			REFLECTIVE CRACK
5.1	LEFT	13	6	8.7			REFLECTIVE CRACK
5.1	RIGHT	13	6	8.7			REFLECTIVE CRACK
5.3	LEFT	13	6	8.7			REFLECTIVE CRACK
5.3	RIGHT	13	6	8.7			REFLECTIVE CRACK
5.6	LEFT	13	6	8.7			REFLECTIVE CRACK
5.6	RIGHT	13	6	8.7			REFLECTIVE CRACK
5.65	LEFT	13	6	8.7			REFLECTIVE CRACK
5.65	RIGHT	13	6	8.7			REFLECTIVE CRACK
5.75	LEFT	13	6	8.7			REFLECTIVE CRACK
5.75	RIGHT	13	6	8.7			REFLECTIVE CRACK
5.8	LEFT	13	6	8.7			REFLECTIVE CRACK
5.8	RIGHT	13	6	8.7			REFLECTIVE CRACK
5.9	LEFT	13	6	8.7			REFLECTIVE CRACK
5.9	RIGHT	13	6	8.7			REFLECTIVE CRACK
6	LEFT	13	6	8.7			REFLECTIVE CRACK
6	RIGHT	13	6	8.7			REFLECTIVE CRACK
6.08	LEFT	13	6	8.7			HEAVE
6.08	RIGHT	13	6	8.7			HEAVE
6.12	LEFT	13	6	8.7			REFLECTIVE CRACK
6.12	RIGHT	13	6	8.7			REFLECTIVE CRACK
6.2	RIGHT	13	6	8.7			REFLECTIVE CRACK
TOTAL				272	43	70	



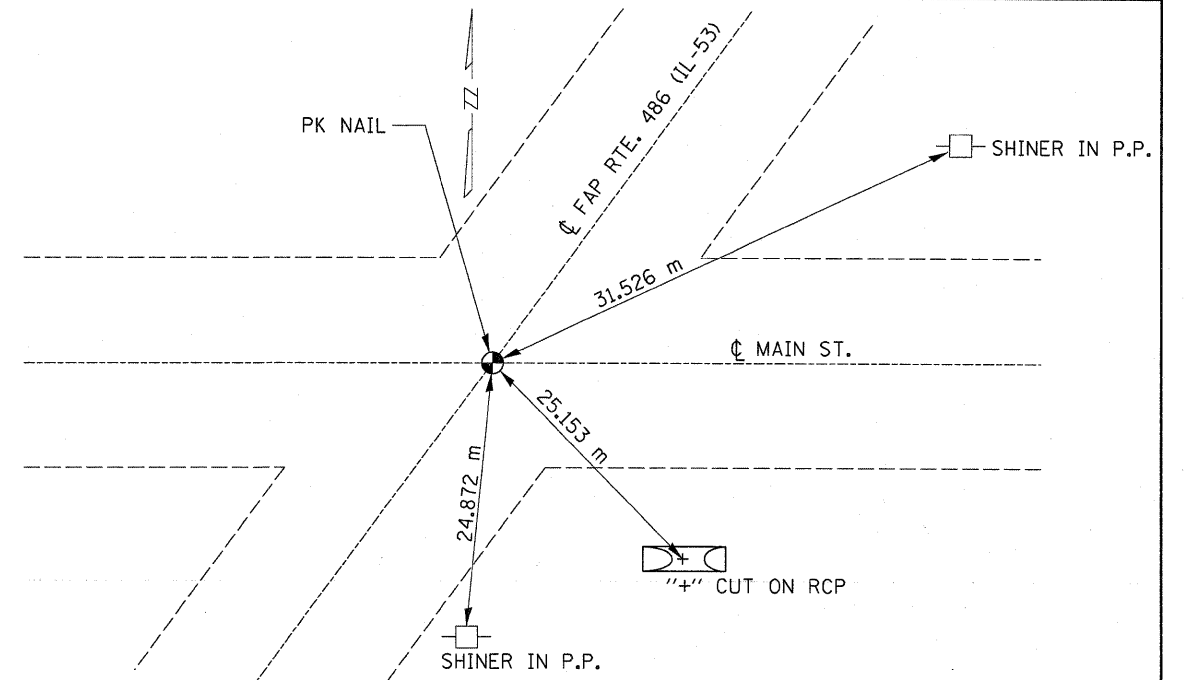
FOUND BRASS DISC @ INTERSECT. OF ILL. RTE. 53 AND WEST MAIN ST, ON ϕ OF BOTH RDWYS.

**S. QTR. COR OF THE SW
COR OF SEC. 4,- T.31 N.- R.8E.**

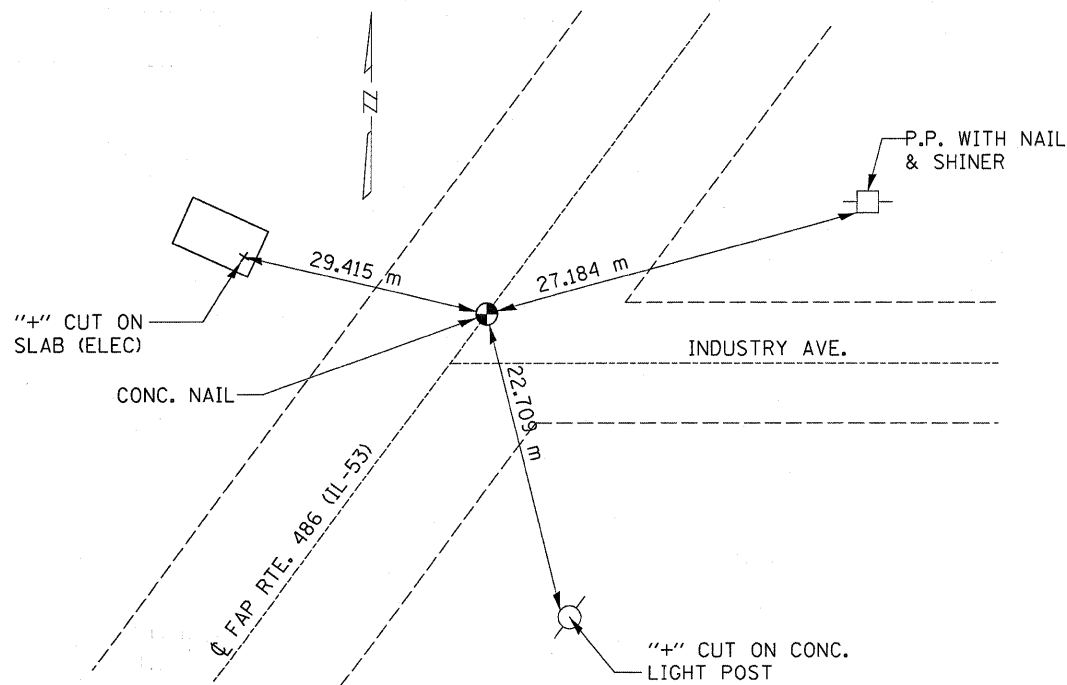


FOUND BRASS DISC \pm 1'.0' WEST ON ϕ ILL. RTE. 53

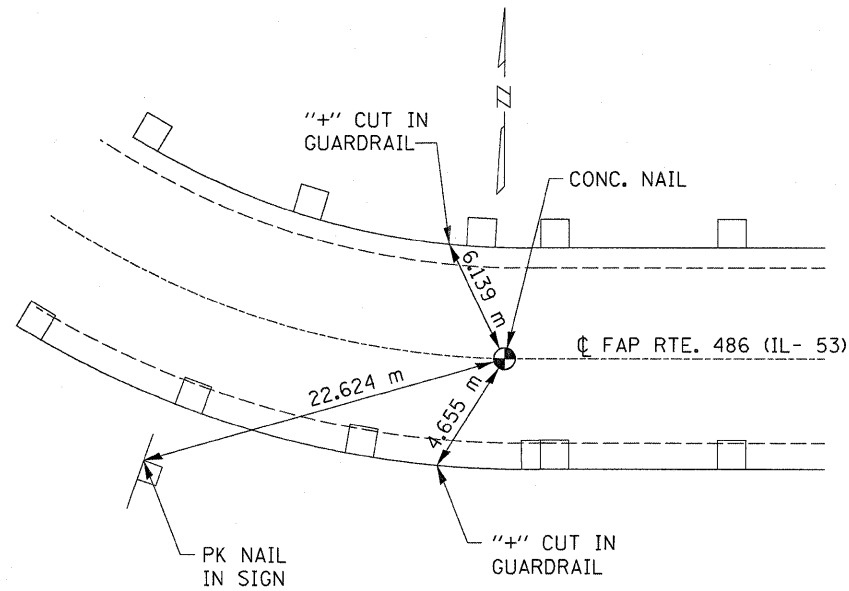
SW COR. SEC. 3. T31N.-R8E.



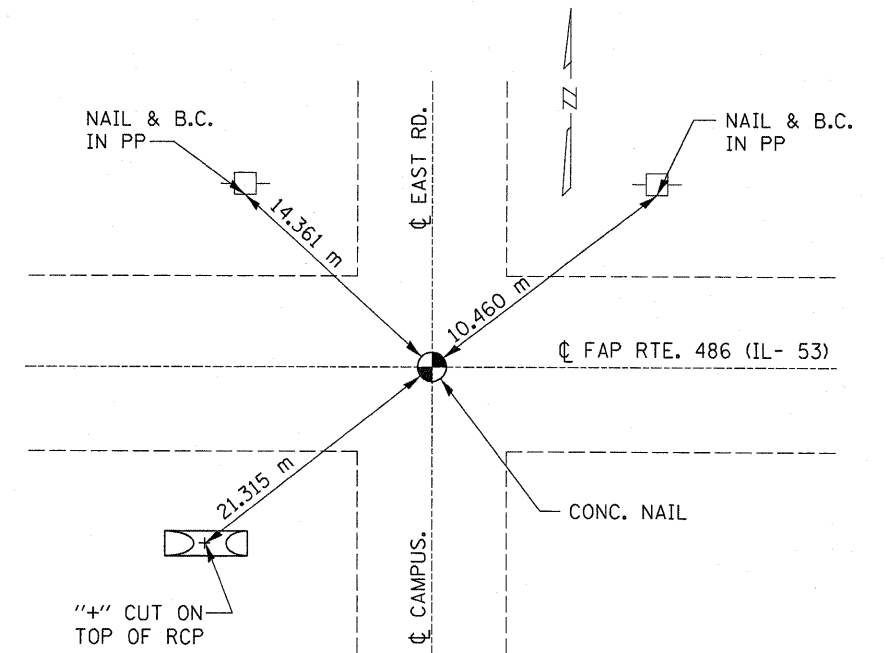
FAP RTE. 846 (IL-53) POT STA. 0+352.420



FAP RTE. 846 (IL-53) PC STA. 0+564.859



FAP RTE. 846 (IL-53) PT STA. 0+858.067



FAP RTE. 846 (IL-53) POT STA. 1+357.134

FILE NAME =	USER NAME = Ferguson	DESIGNED -	REVISED -
c:\pwork\PWIDOT\FERGUSONSA\d0118773\lehts.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

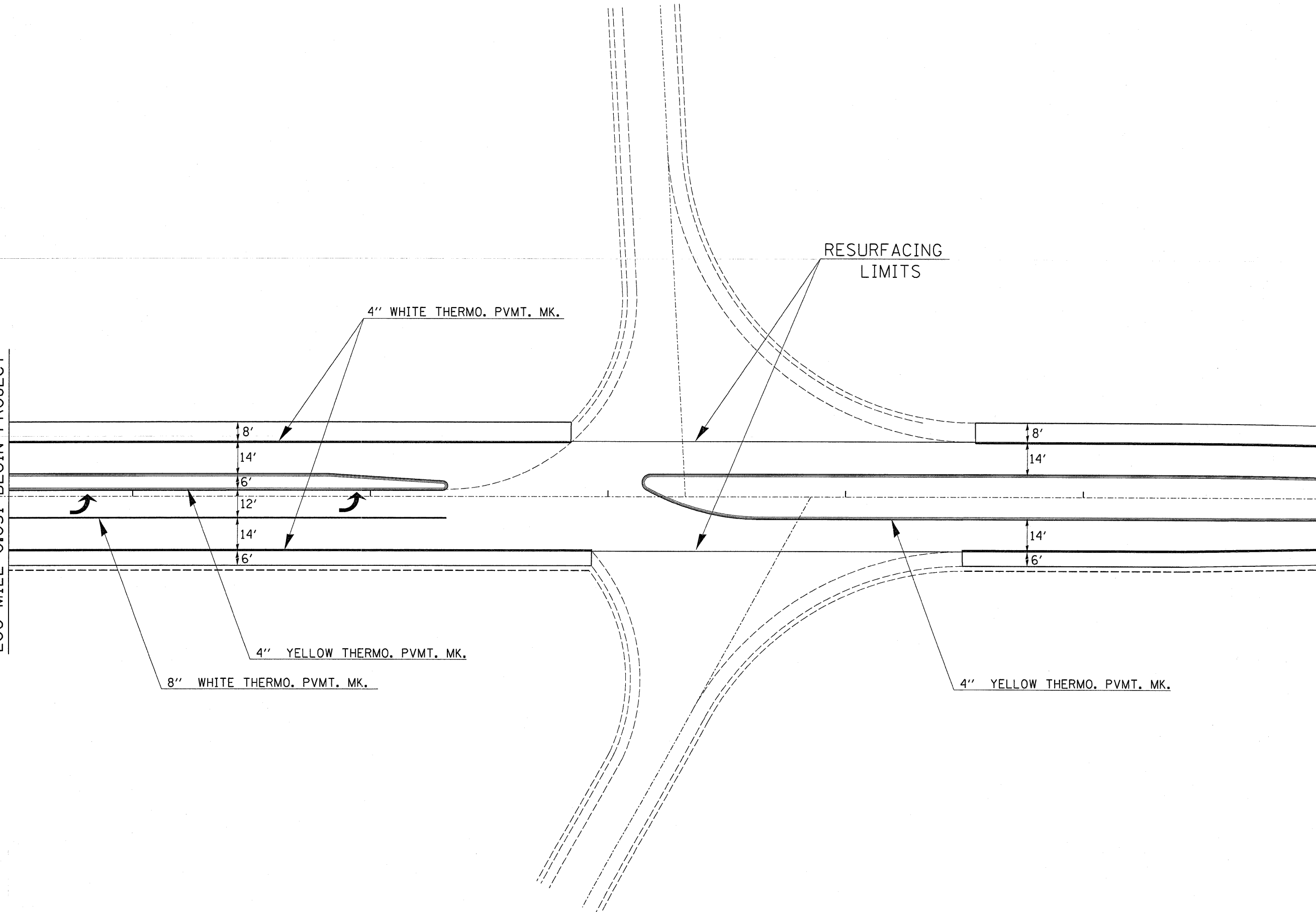
TIE POINTS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	(5&6)RS-2	GRUNDY	17	11
CONTRACT NO. 66475				
ILLINOIS FED. AID PROJECT				

LOG MILE 0.031 BEGIN PROJECT

MATCHLINE IL 53



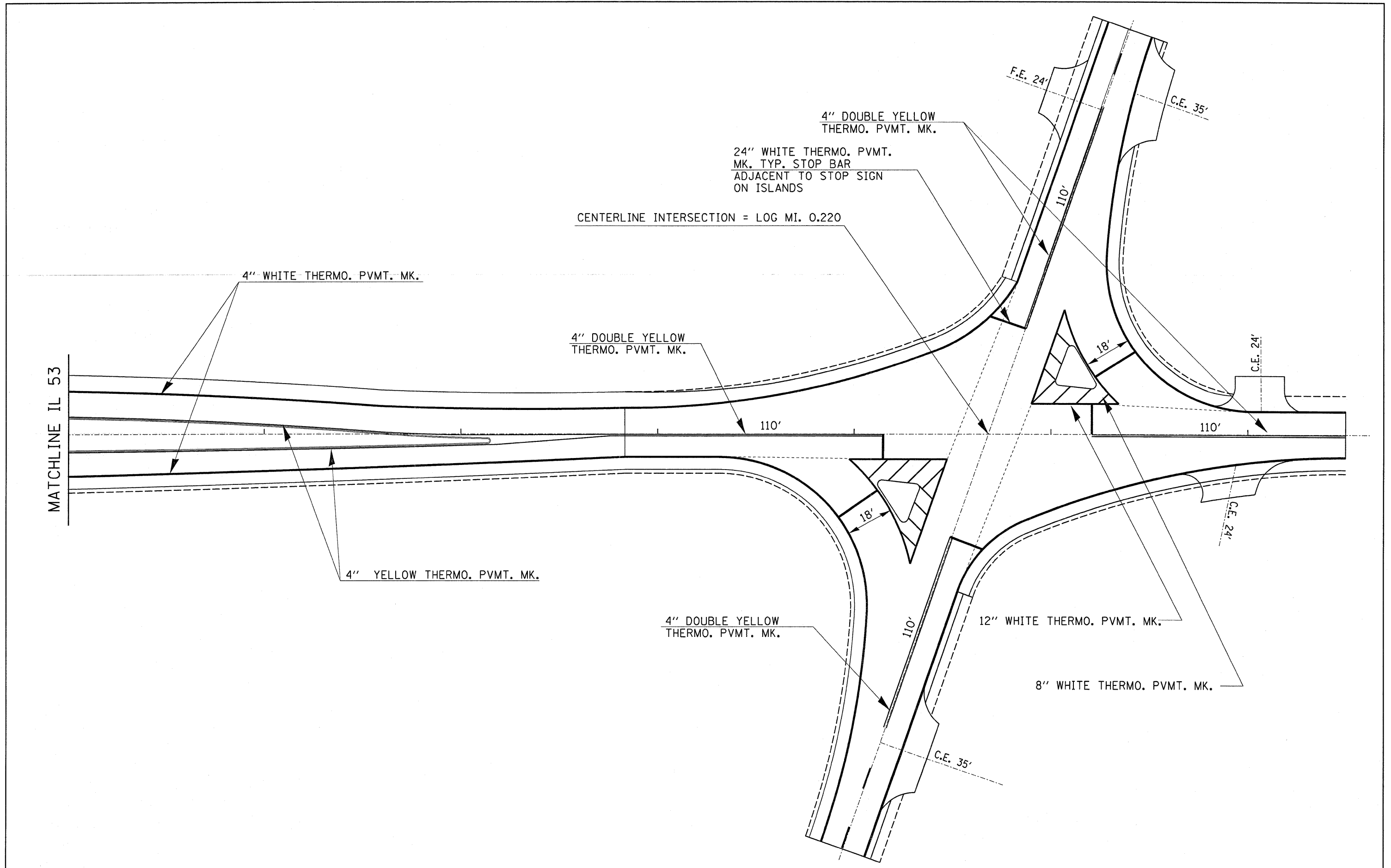
FILE NAME =	USER NAME = Fergusonsa	DESIGNED -	REVISED -
c:\pwork\PIWIDOT\FERGUSONSA\d0118773\lehts.dgn		DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Feb 06, 2009 - 09:20:56 AM		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN DETAIL I-55 OVERHEAD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	(5&6)RS-2	GRUNDY	17	12
CONTRACT NO. 66475				
ILLINOIS FED. AID PROJECT				



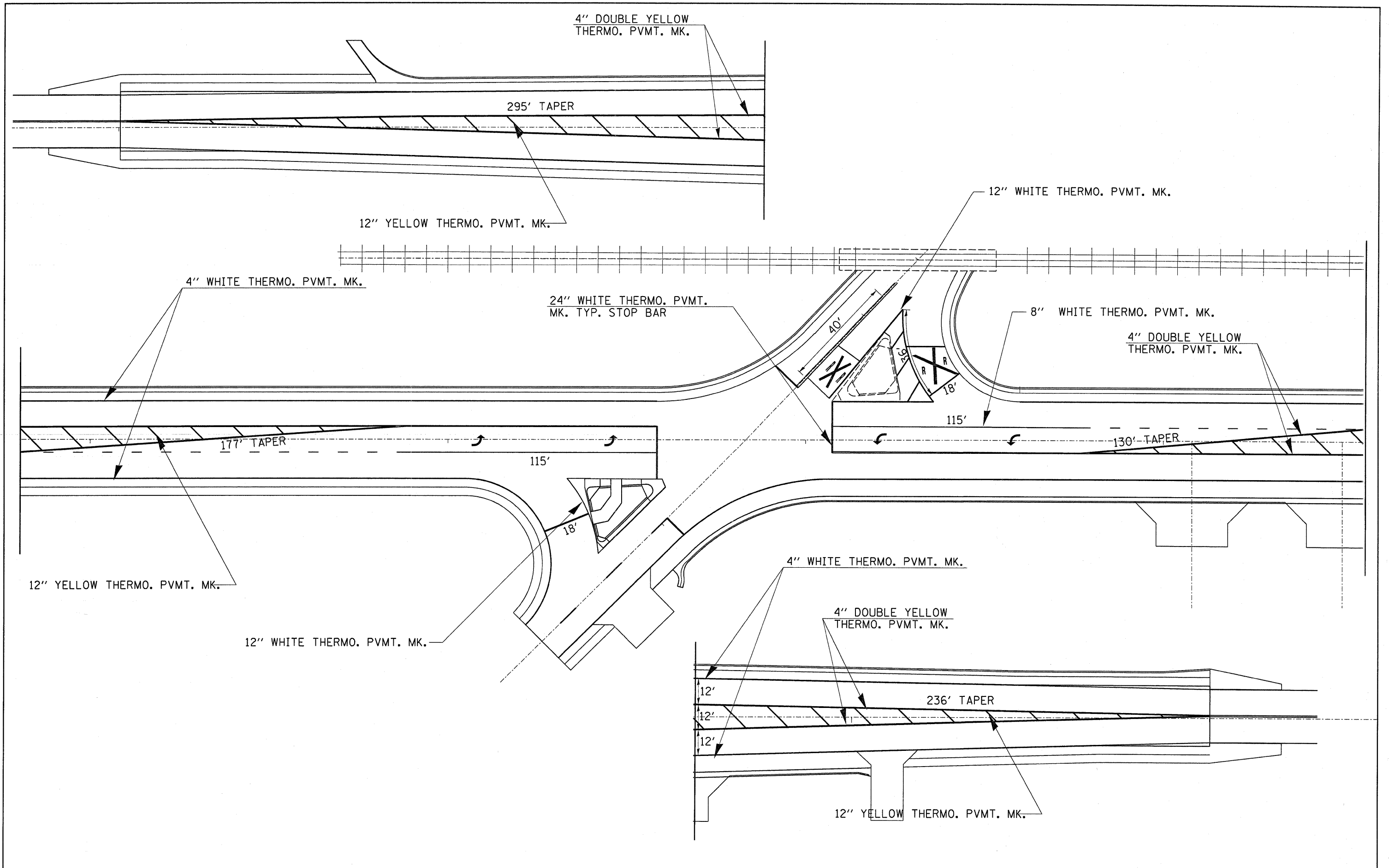
FILE NAME =	USER NAME = Fergusonsa	DESIGNED -	REVISED -
c:\pw_work\PI\DOT\FERGUSONSA\d0118773\p1shts.dgn		DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -	REVISED -
PLOT DATE = Feb 06, 2009 - 09:20:43 AM	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN DETAIL IL 53 & IL 129 INTERSECTION

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

F.A. RTE. 846	SECTION (5&6)RS-2	COUNTY GRUNDY	TOTAL SHEETS 17	SHEET NO. 13
CONTRACT NO. 66475				
ILLINOIS FED. AID PROJECT				



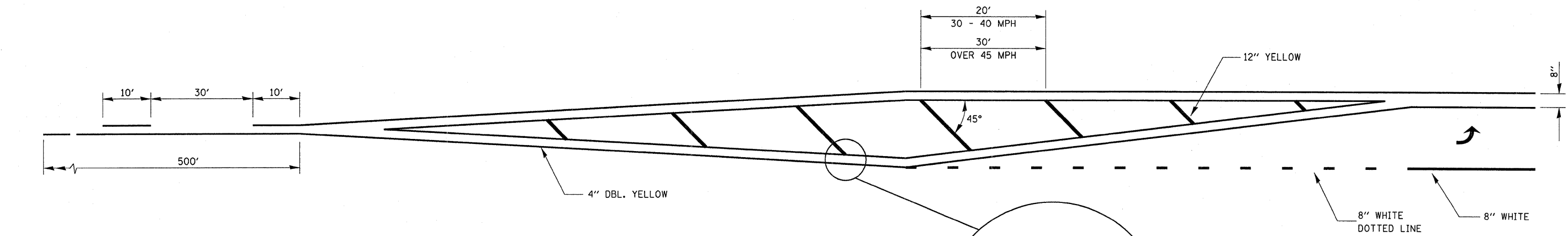
FILE NAME =	USER NAME = Ferguson	DESIGNED -	REVISED -
c:\pw_work\FWIDOT\FERGUSONSA\0118773\0118773.dgn		DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Feb 06, 2009 - 09:21:02 AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

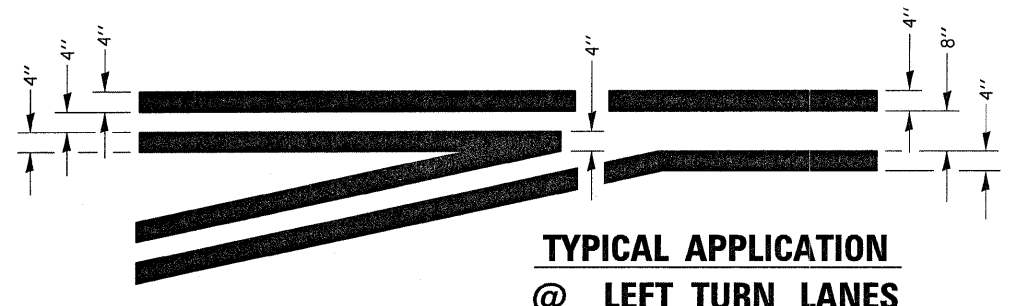
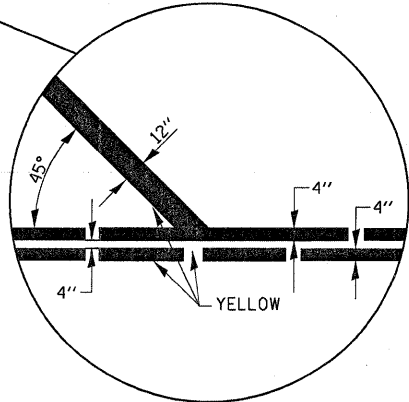
PLAN DETAIL BRACEVILLE RD INTERSECTION

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

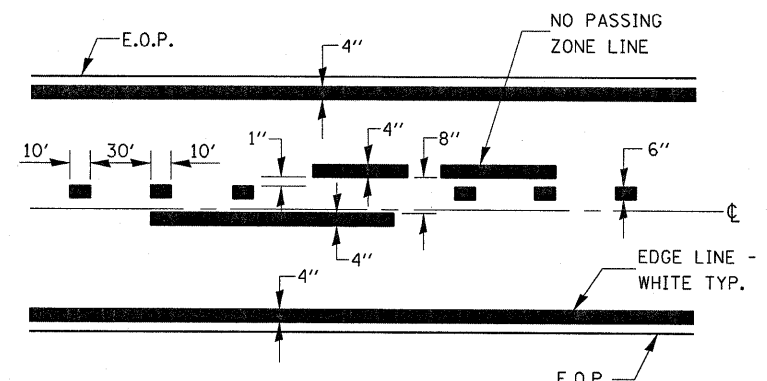
F.A. RTE. 846	SECTION (5&6)RS-2	COUNTY GRUNDY	TOTAL SHEETS 17	SHEET NO. 14
CONTRACT NO. 66475				
ILLINOIS FED. AID PROJECT				



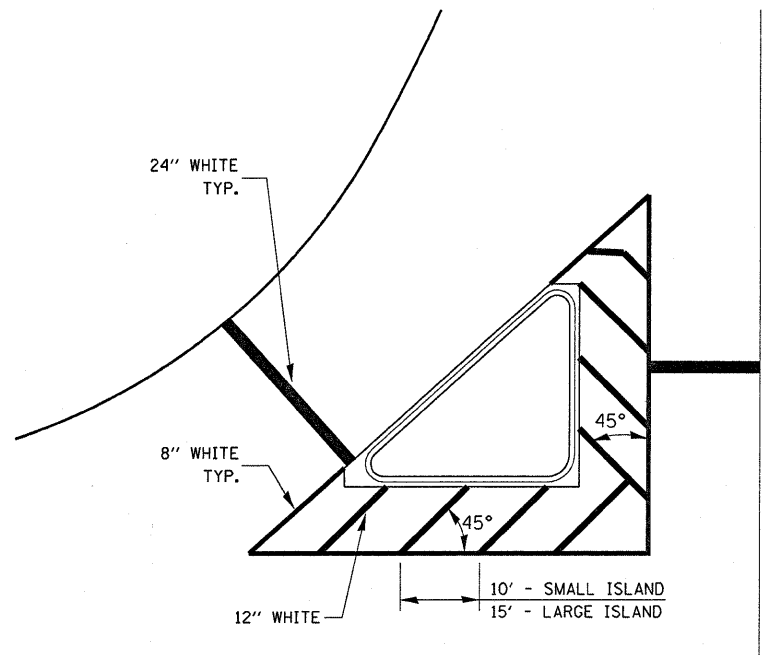
LEFT TURN LANE WITH APPROACH MEDIAN



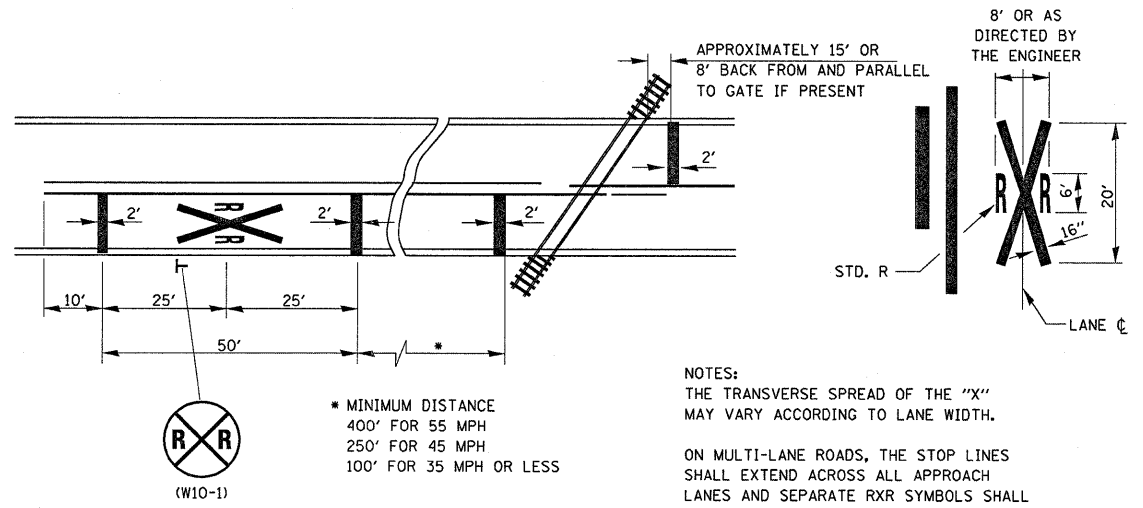
TYPICAL APPLICATION @ LEFT TURN LANES



PAVEMENT MARKING



TYPICAL ISLAND



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

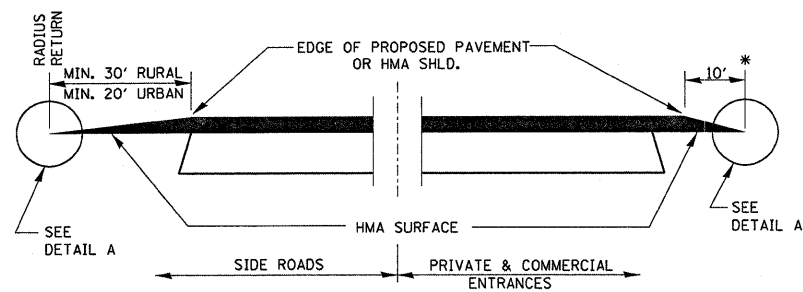
NOTES:
 THE TRANSVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.
 ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.
 WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1).

FILE NAME =	USER NAME = Ferguson	DESIGNED -	REVISED -
c:\pwork\PI\DOT\FERGUSON\A\0118773\1shfts.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

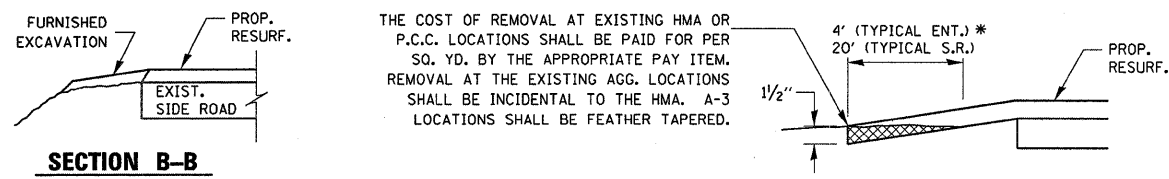
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	(5&6)RS-2	GRUNDY	17	15
CONTRACT NO. 66475				
ILLINOIS FED. AID PROJECT				

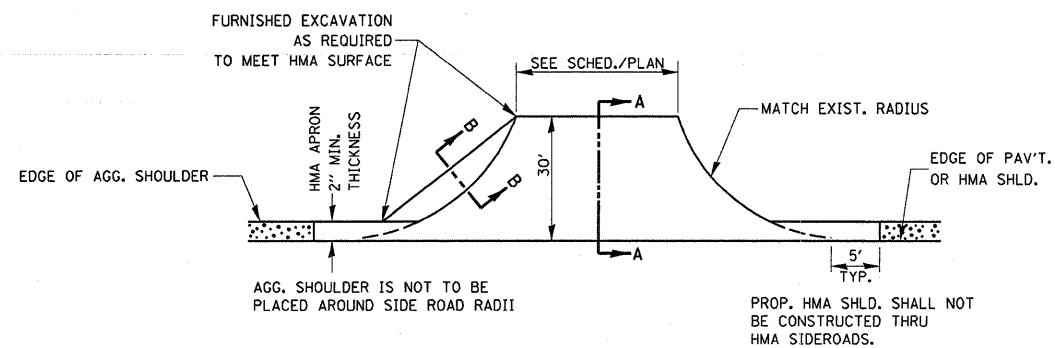


SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS

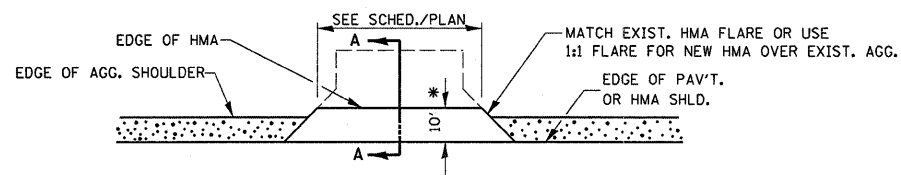


SECTION B-B

DETAIL A



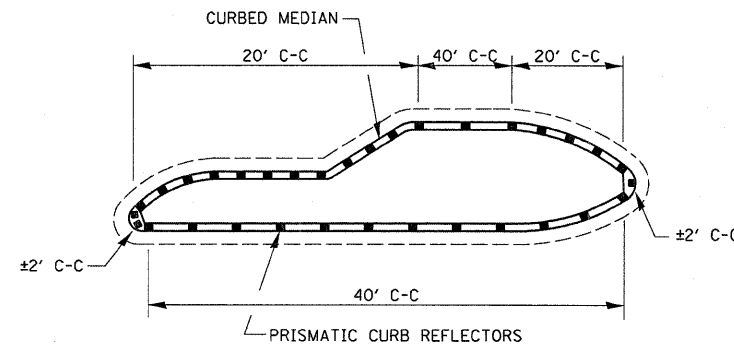
PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

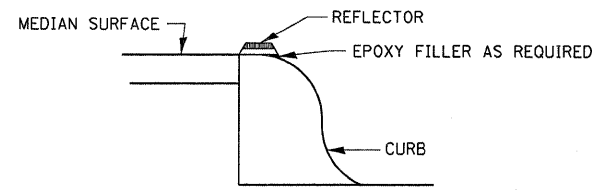
(DO NOT RESURFACE FIELD ENTRANCES)

* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

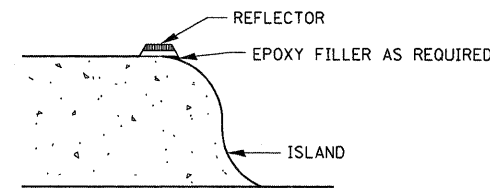


1. PRISMATIC REFLECTORS SHALL BE BI-DIRECTIONAL.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE AMBER IN COLOR.

PRISMATIC CURB REFLECTORS AT CURB MEDIANS



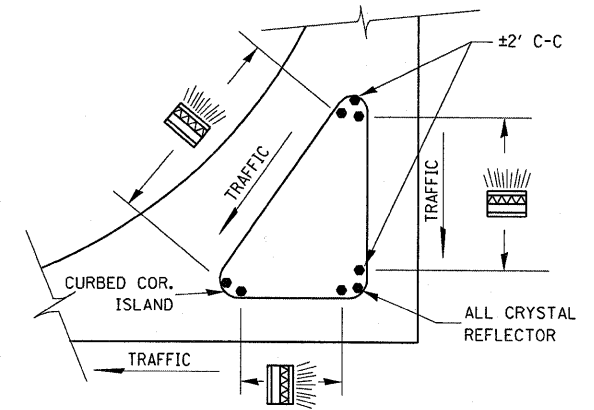
SECTION VIEW



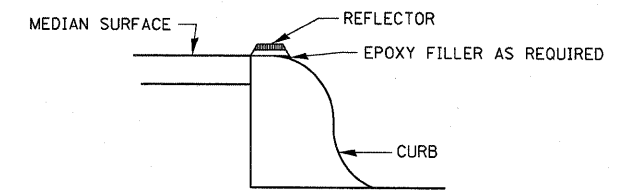
SECTION VIEW

OPTION 1

OPTION 2



PRISMATIC REFLECTORS

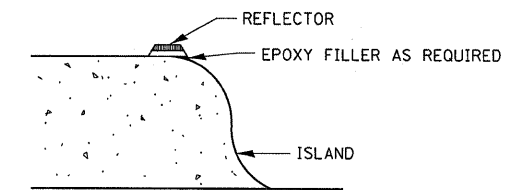


SECTION VIEW

NOTES

1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.

OPTION 1



SECTION VIEW

NOTES

1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.

OPTION 2

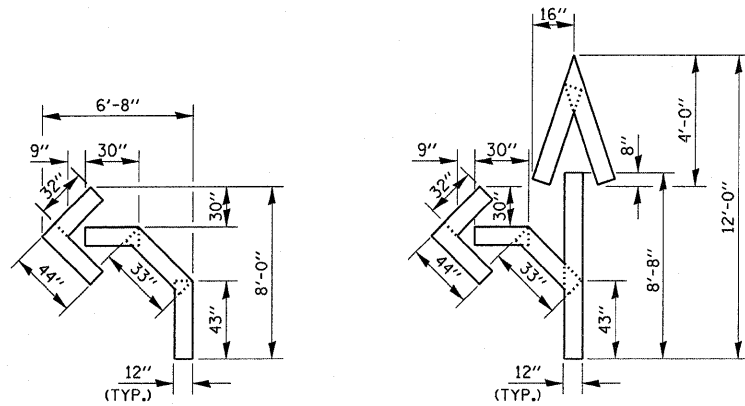
FILE NAME =	USER NAME = Fergusonsa	DESIGNED -	REVISED -
at\pw_work\PW1D0T\FERGUSONSA\d0118773\shlts.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

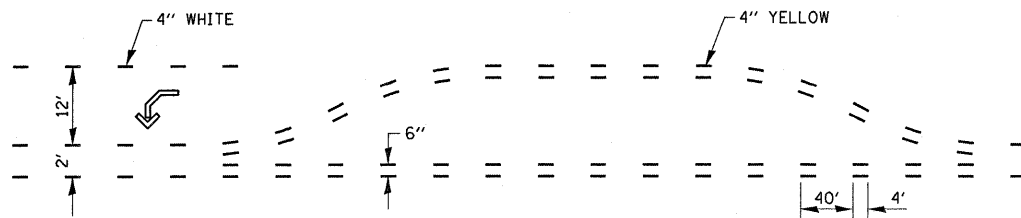
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	(5&6)RS-2	GRUNDY	17	16
CONTRACT NO. 66475				
ILLINOIS FED. AID PROJECT				

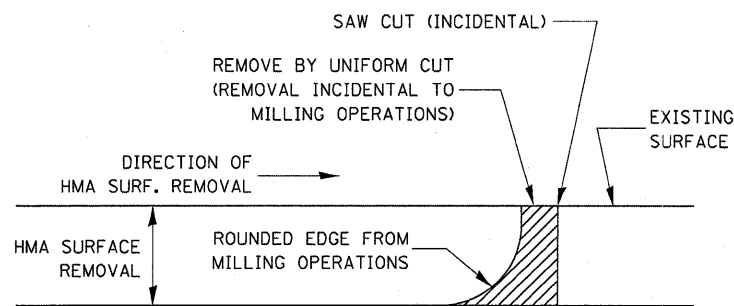


QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.

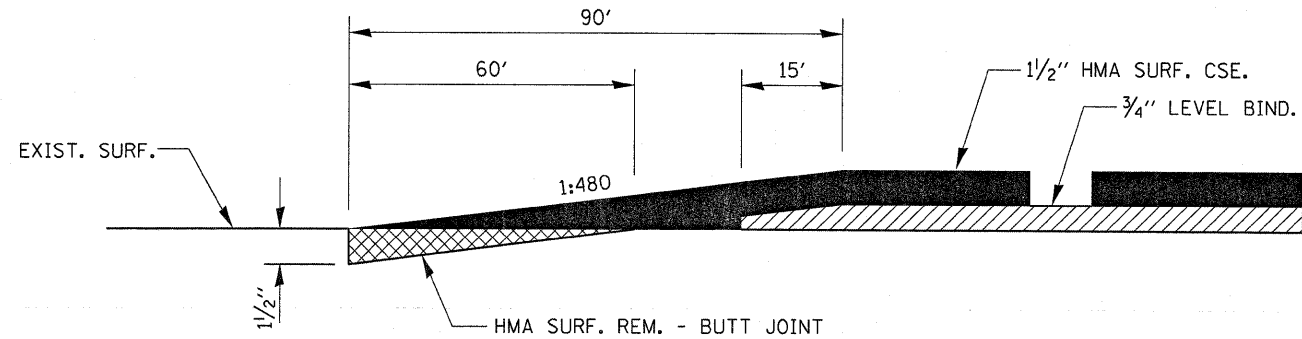


SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS



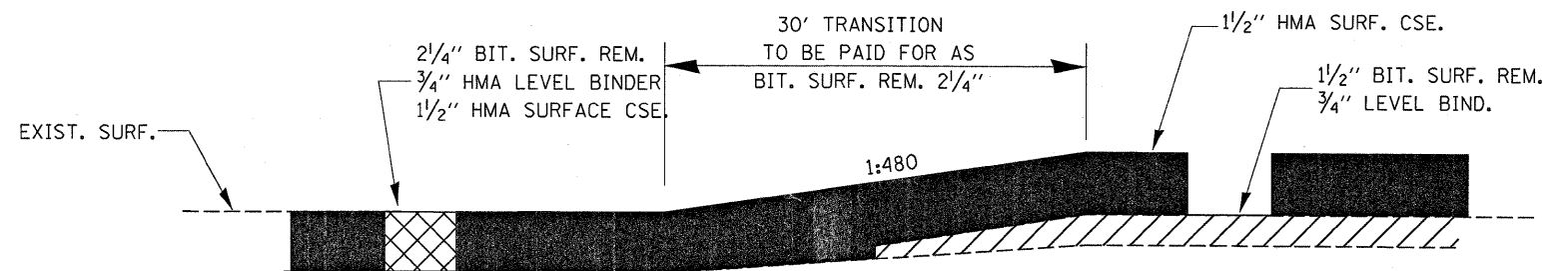
NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE,
THEN A SAW CUT SHALL BE USED TO MANUFACTURE
A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL.
THE ENGINEER SHALL BE THE SOLE JUDGE
CONCERNING THE USE OF THIS DETAIL

HMA DETAIL AT BUTT JOINTS



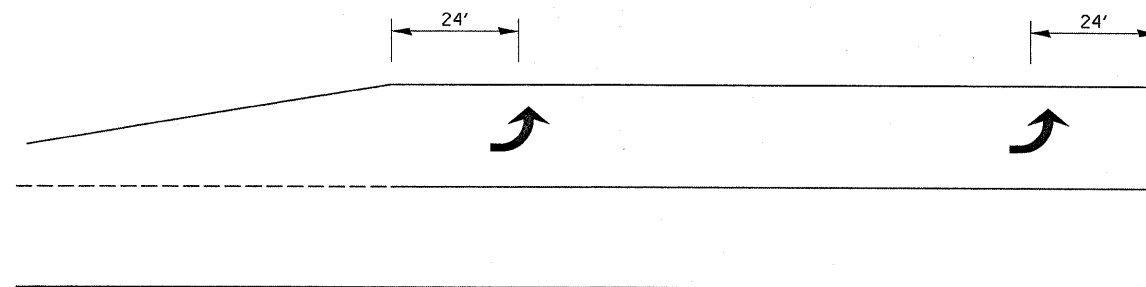
TAPER DETAIL

BEGINNING AND END OF BRIDGE OMISSIONS
END OF PROJECT



TAPER DETAIL

LOG MI. 0.831 (EAST END OF RR BRIDGE)
LOG MI. 1.982 BEGINNING OF GUARDRAIL SECTION AT CARBON HILL RD
LOG MI. 2.148 END OF GUARDRAIL SECTION AT CARBON HILL RD.
BEGINNING AND END OF BRACEVILLE INTERSECTION
IMPROVEMENT AT MITCHELL RD.



100' TO 149'

FILE NAME =	USER NAME = Ferguson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwork\PI\DOT\FERGUSONSA\0118773\1e1shts.dgn	DRAWN -	REVISED -	846			(5&6)RS-2	GRUNDY	17	17	
PLOT SCALE = 20,000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 66475							
PLOT DATE = Feb 06, 2009 - 09:21:29 AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: SHEET NO. OF SHEETS STA. TO STA.										