

06-13-14 LETTING ITEM 047

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

FAU 3807 (PLEASANT HILL RD) FROM GENEVA RD TO ST. CHARLES RD,  
FAU 3547 (HIGHLAKE RD/JEWELL RD) FROM WINDERMERE RD TO COUNTY  
FARM RD, FAU 2543 (WINFIELD RD) FROM HIGH LAKE RD TO GENEVA RD  
RESURFACING AND PATCHING  
SECTION 13-00049-00-RS  
PROJECT M-4003 (221)  
VILLAGE OF WINFIELD, DUPAGE COUNTY  
C-91-001-14

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3807	13-00049-00-RS	DUPAGE	43	1
		ILLINOIS	CONTRACT NO.	61A37

SEE SHEET 2 FOR  
INDEX OF SHEETS



LOCATION OF SECTION INDICATED THIS: - [shaded box] -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED *E. Spade* March 14 20 14  
*E. Spade*  
VILLAGE OF WINFIELD

PASSED *Christy Christy Hart* APRIL 9 20 14  
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW *John Fortmann* April 7 20 14  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

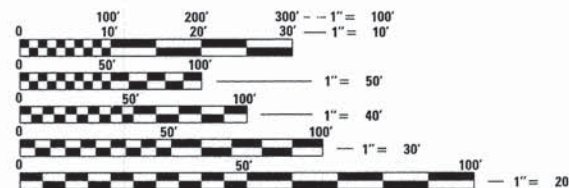
*James J. Bibby*  
JAMES J. BIBBY  
ILLINOIS REGISTERED PROFESSIONAL ENGINEER  
NO. 062-7-5785 XPIRES 11-30-15

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OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. (847) 705-4021 SCHAUMBURG, IL

STREET	DESIGN DESIGNATION	POSTED SPEED	TRAFFIC VOLUME
WINFIELD ROAD	MINOR ARTERIAL	35 MPH	10,432 2014 ADT
HIGH LAKE/JEWELL ROAD	LOCAL ROAD	30 MPH	7,400 2008 ADT
PLEASANT HILL ROAD	MINOR ARTERIAL	35 MPH	5,200 2008 ADT

**REMPE-SHARPE**  
CONSULTING ENGINEERS  
IL P.D.F. LICENSE NO. 184-000895  
324 WEST STATE STREET - GENEVA, ILLINOIS 60134  
Telephone (630) 232-0827 - Fax (630) 232-1829

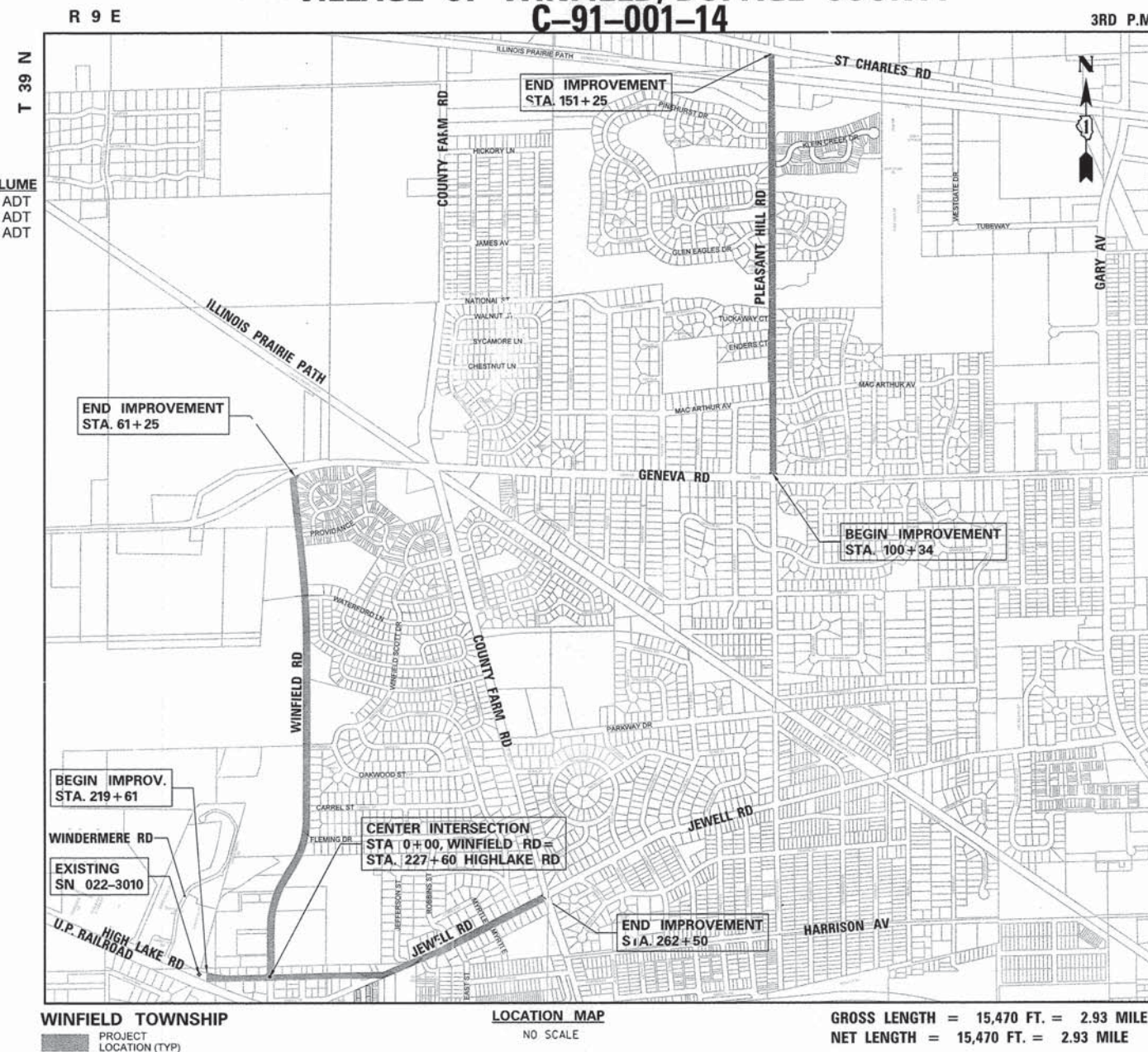


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER - JAMES J BIBBY, P.E., S.E.  
PROJECT MANAGER - JAMES J BIBBY, P.E., S.E.

CONTRACT NO. 61A37



WINFIELD TOWNSHIP  
PROJECT LOCATION (TYP)

LOCATION MAP  
NO SCALE

GROSS LENGTH = 15,470 FT. = 2.93 MILE  
NET LENGTH = 15,470 FT. = 2.93 MILE



**INDEX OF SHEETS**

NO.	DESCRIPTION
1	TITLE SHEET
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**STATEWIDE HIGHWAY STANDARDS**

STANDARD	TITLE
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
604001-03	FRAME AND LIDS TYPE 1
604051-03	FRAME AND GRATE TYPE 11
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE 2L, 2W, SHORT TERM OPERATIONS
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-09	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTOR LOOPS

**DISTRICT ONE DETAILS**

STANDARD	TITLE
BD-8	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-24	CURB AND GUTTER AND REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-07	DISTRICT ONE - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

**GENERAL NOTES**

1. SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS:

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JAN. 1, 2012 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2014; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "DETAILS" ON THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE DEPARTMENT.

2. EXISTING UTILITIES:

EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE UTILITY COMPANIES, VILLAGE, AND FIELD SURVEYS. THE ACCURACY AND COMPLETENESS OF SAID INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE, NATURE, AND EXACT LOCATIONS OF ALL UTILITY LINES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS. THE CONTRACTOR SHALL GIVE PRIOR NOTIFICATION TO THE UTILITY COMPANIES AND THE VILLAGE OF HIS INTENTION TO BEGIN WORK.

SHOULD CERTAIN EXISTING UTILITY FACILITIES INTERFERE WITH THE PROPOSED CONSTRUCTION, THEY WILL HAVE TO BE REMOVED AND RELOCATED BY THE UTILITY COMPANIES. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THIS WORK WITH ALL AFFECTED UTILITY COMPANIES AND THE VILLAGE SO AS TO INSURE THE TIMELY COMPLETION AND MAINTENANCE OF SAID UTILITY FACILITIES.

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE INTERFERENCE WITH OR DAMAGE TO ANY EXISTING UTILITY FACILITY AND APPURTENANCES SUCH AS WATER MAINS, SEWERS, GAS MAINS, ELECTRIC AND SIGNAL CABLES, CONDUITS, ETC., RESULTING FROM THE OPERATIONS OF HIS EQUIPMENT OR MEN AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE AND WITH THE LEAST POSSIBLE DELAY. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY EXPENSES INCURRED BECAUSE OF THE DELAYS, INCONVENIENCES, OR INTERRUPTIONS TO HIS WORK RESULTING FROM COMPLIANCE WITH THE ABOVE REQUIREMENTS.

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

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF WINFIELD.

3. PROTECTION OF PUBLIC/PRIVATE PROPERTY:

THE CONTRACTOR SHALL PROTECT ALL EXISTING TREES SCHEDULED TO REMAIN; SHRUBS, FENCES, DRAIN LINES, POWER LINES, AND OTHER PUBLIC/PRIVATE PROPERTY. ANY ITEM THAT IS DAMAGED SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER AT NO COST TO THE VILLAGE.

4. EXISTING STREET CLEANLINESS:

THE CONTRACTOR SHALL KEEP EXISTING AND ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS.

5. REMOVAL, MAINTENANCE AND RESETTING EXISTING MAILBOXES, STREET SIGNS AND STOP SIGNS:

EXISTING MAILBOXES, STREET SIGNS, AND STOP SIGNS WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED AND TEMPORARILY RELOCATED DURING CONSTRUCTION BY THE CONTRACTOR. AFTER THE WORK HAS BEEN SUBSTANTIALLY COMPLETED, SAID MAILBOXES AND SIGNS SHALL BE RESET AT A LOCATION SPECIFIED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE CONTRACT WITH NO ADDITIONAL COMPENSATION ALLOWED. ANY SIGN DAMAGED OR LOST SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. TEMPORARY STOP SIGNS SHALL BE PLACED AS REQUIRED BY THE ENGINEER AS PART OF THE TRAFFIC CONTROL AND PROTECTION PAY ITEM.

6. CONSTRUCTION LIMITS:

THE CONTRACTOR SHALL CONFINE HIS OPERATIONS WITHIN THE DEDICATED ROADWAY RIGHT-OF-WAY OR EASEMENTS OBTAINED BY THE VILLAGE OF WINFIELD. ANY DAMAGE OUTSIDE OF SAID RIGHT-OF-WAY OR EASEMENTS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

7. BARRICADES:

THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG ACROSS EACH RAIL.

FILE NAME *	USER NAME = .USER.	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, APPLICABLE HIGHWAY STANDARDS, GENERAL NOTES</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 1/80 ft / IN.		CHECKED -	REVISED -			2895			DUPAGE	
MODELNAME#		DATE -	REVISED -			CONTRACT NO. 61A37				
	PLOT DATE = 4/3/2014			SCALE:	SHEET 2 OF 43 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



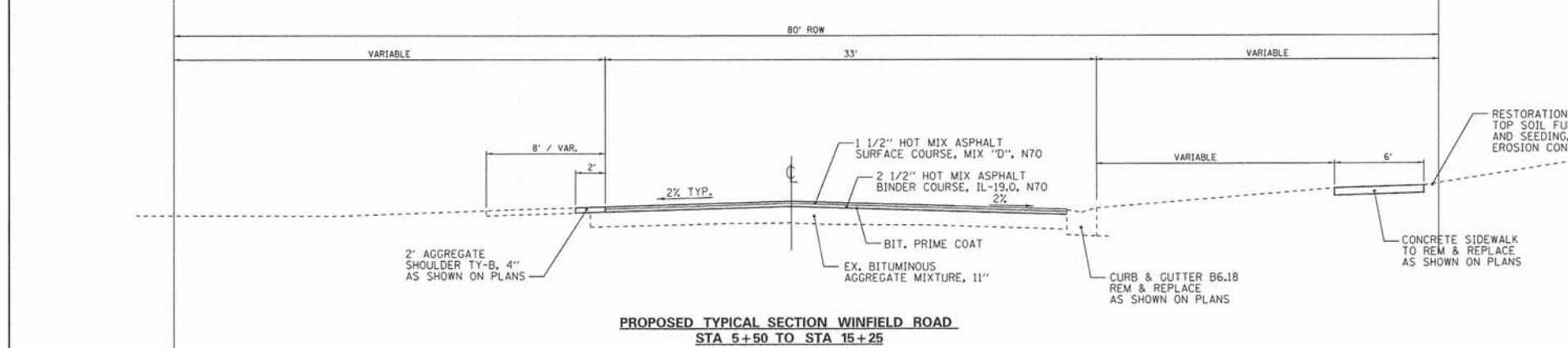
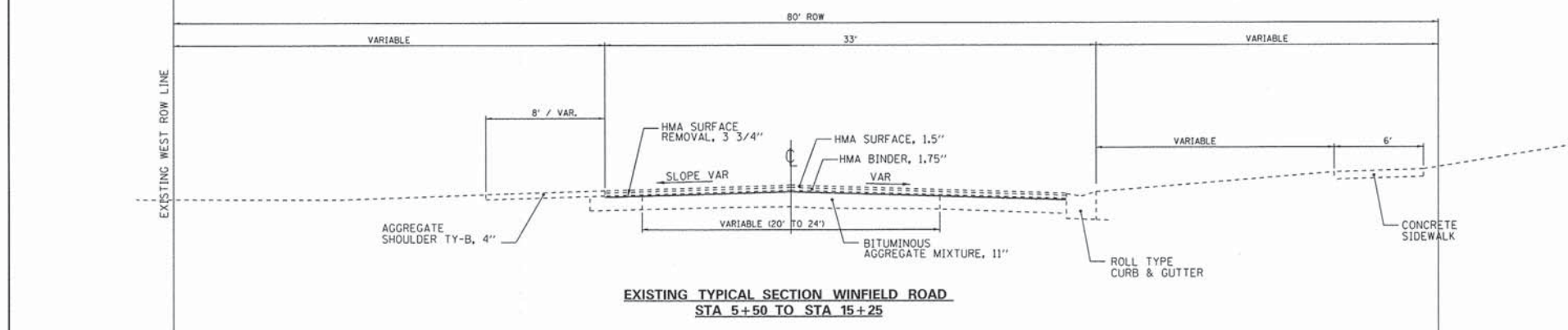
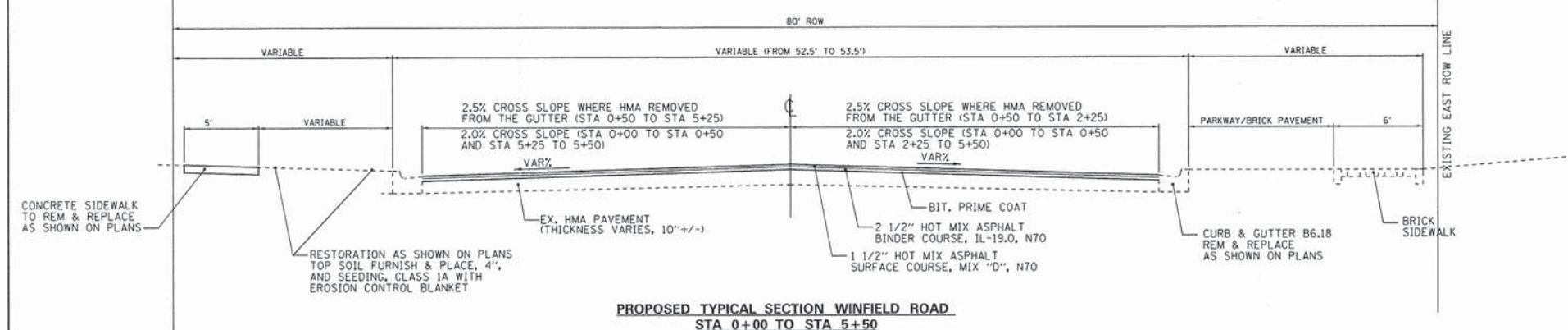
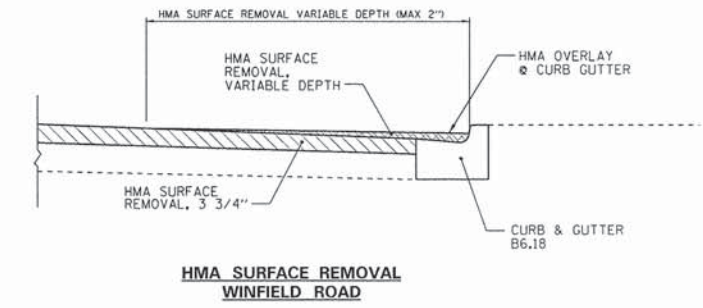
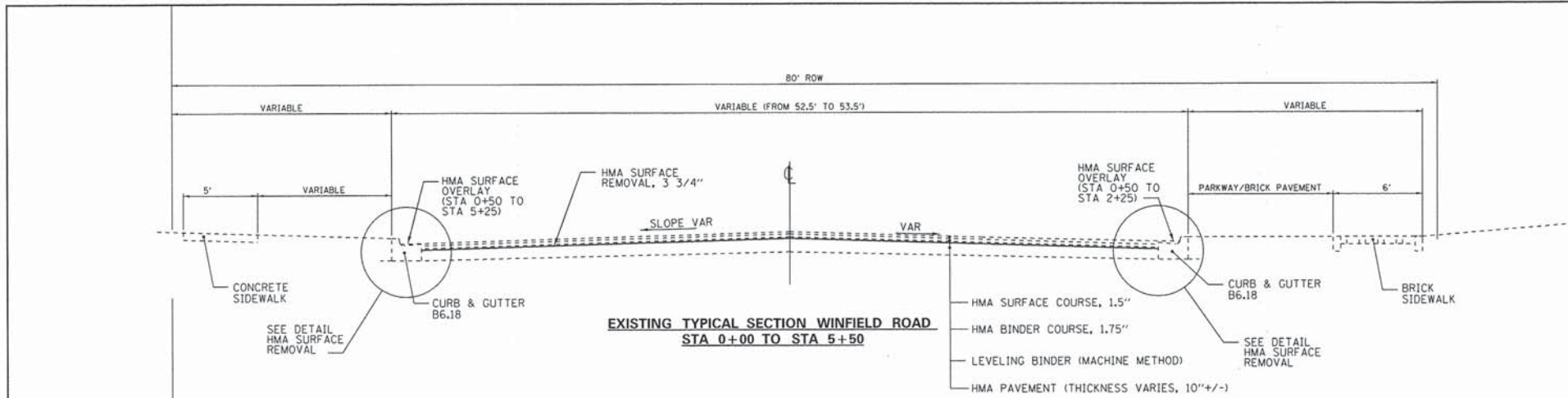
## SUMMARY OF QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE	
				CODE STP0005	TRAINEE 0042
20101100	TREE TRUNK PROTECTION	EACH	10	10	
20200100	EARTH EXCAVATION	CU YD	20	20	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	132	132	
20800150	TRENCH BACKFILL	CU YD	2	2	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	597	597	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2600	2600	
21400100	GRADING AND SHAPING DITCHES	FOOT	330	330	
25000110	SEEDING, CLASS 1A	ACRE	0.60	0.6	
25100630	EROSION CONTROL BLANKET	SQ YD	2600	2600	
28000400	PERIMETER EROSION BARRIER	FOOT	100	100	
28000500	INLET AND PIPE PROTECTION	EACH	76	76	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	132	132	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	90	90	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	125	125	
35800100	PREPARATION OF BASE	SQ YD	6100	6100	
35800200	AGGREGATE BASE REPAIR	TON	215	215	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	74	74	
40600895	CONSTRUCTING TEST STRIP	EACH	2	2	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1330	1330	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	4895	4895	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	3242	3242	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3056	3056	
40603340	HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1960	1960	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	90	90	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9216	9216	
42400800	DETECTABLE WARNINGS	SQ FT	504	504	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	60	60	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3½"	SQ YD	37854	37854	
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	18666	18666	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	284	284	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3390	3390	
44000600	SIDEWALK REMOVAL	SQ FT	9361	9361	
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	90	90	
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	104	104	
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	403	403	

\* SPECIALTY ITEMS

ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE	
				CODE STP0005	TRAINEE 0042
48101200	AGGREGATE SHOULDERS, TYPE B	TONS	635	635	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	10	10	
55100500	STORM SEWER REMOVAL 12"	FOOT	10	10	
60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	1	1	
60255500	MANHOLES TO BE ADJUSTED	EACH	27	27	
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	3	3	
60500060	REMOVING INLETS	EACH	1	1	
60600605	CONCRETE CURB, TYPE B	FOOT	180	180	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1719	1719	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1306	1306	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	185	185	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL & PROTECTION, STANDARD 701501	L SUM	1	1	
70102635	TRAFFIC CONTROL & PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL & PROTECTION, STANDARD 701801	L SUM	1	1	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	3	3	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	18000	18000	
* 78000100	THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	946	946	
* 78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	93425	93425	
* 78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FOOT	3272	3272	
* 78000600	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FOOT	2586	2586	
* 78000650	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FOOT	279	279	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	6500	6500	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	470	470	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4	4	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1737	1737	
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	36475	36475	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1510	1510	
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	1	
X6030310	FRAME AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	26	26	
XZ127900	RETAINING WALL REMOVAL	FOOT	75	75	
Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	150	150	
Z0076600	TRAINEES	HOUR	1000		1000
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000		1000





**SMART OR 3P RESURFACING PROJECTS**

HOT MIX ASPHALT MIXTURE REQUIREMENT		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1 1/2"	4% @ 50 GYR	QCP
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"	4% @ 70 GYR	QCP
HOT-MIX ASPHALT BINDER COURSE, IL19.0, N50, 2 1/2"	4% @ 50 GYR	QCP
HOT-MIX ASPHALT BINDER COURSE, IL19.0, N70, 2 1/2"	4% @ 70 GYR	QCP
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1 1/2" (DRIVEWAYS)	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL19.0, N50, 2 1/2" (DRIVEWAYS)	4% @ 50 GYR	QC/QA
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/QA
* HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/QA

QMP Options: Quality Control / Quality Assurance (QC/QA); Quality for Performance (QCP); Pay for Performance (PPF)

NOTES:  
 THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.  
 THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT 1 SPECIAL PROVISIONS.  
 FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.  
 QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE  
 \* USE ONLY IF PATCHING FIRST BEFORE MILLING

**STRUCTURAL DESIGN INFORMATION**

STRUCTURAL DESIGN TRAFFIC: 500 ADT YEAR 2023

PV= 88 SU= 7 MU= 5

ROAD CLASSIFICATION: CLASS III

TRAFFIC FACTOR: TF= 0.082

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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

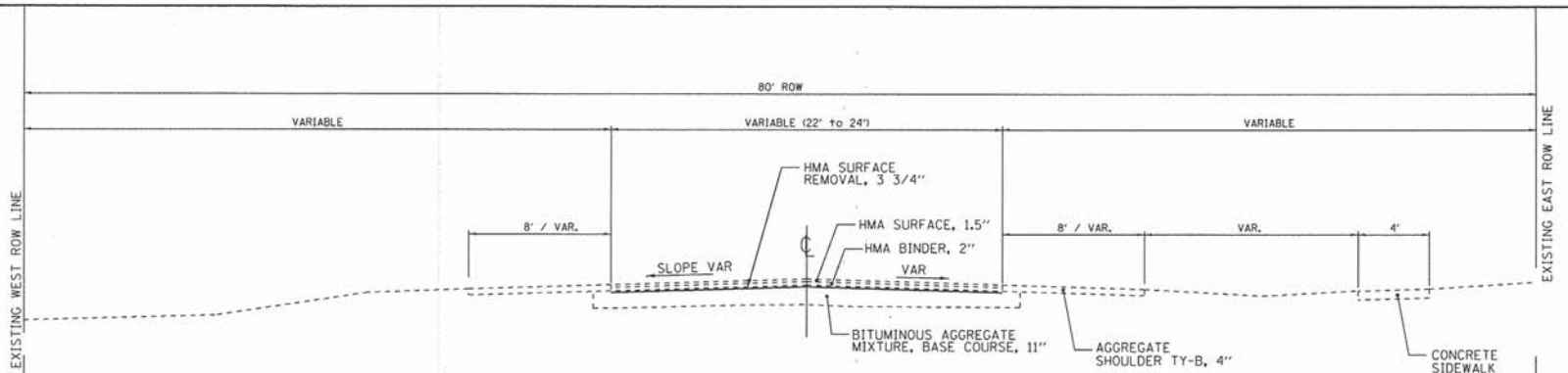
TYPICAL SECTIONS  
 WINFIELD ROAD

SCALE: SHEET 4 OF 43 SHEETS STA. TO STA.

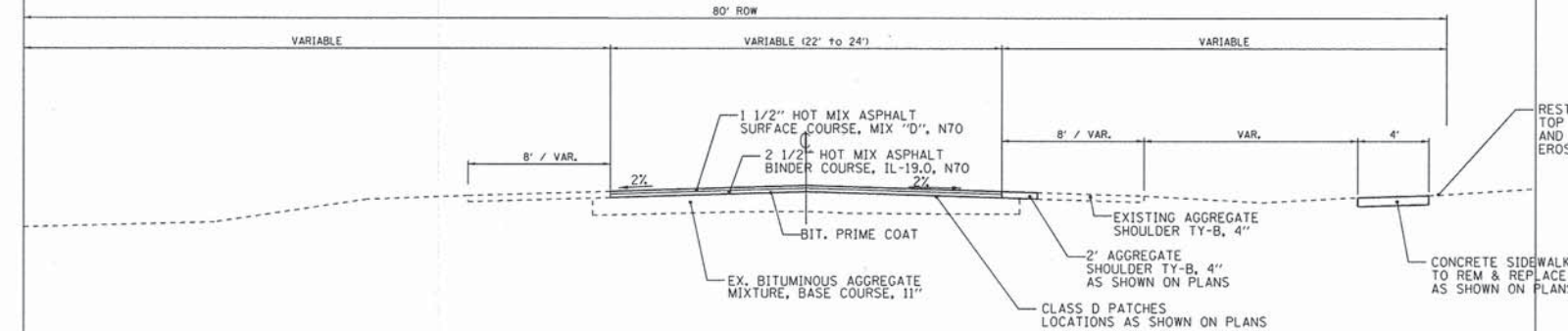
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A37	



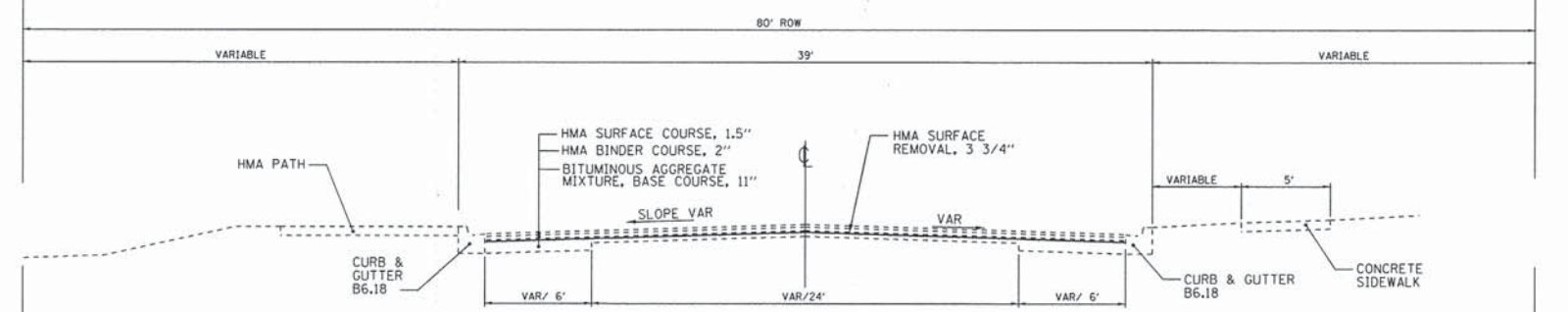
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PV=	88 SU= 7 MU= 5
ROAD CLASSIFICATION:	CLASS III
TRAFFIC FACTOR:	TF= 0.082



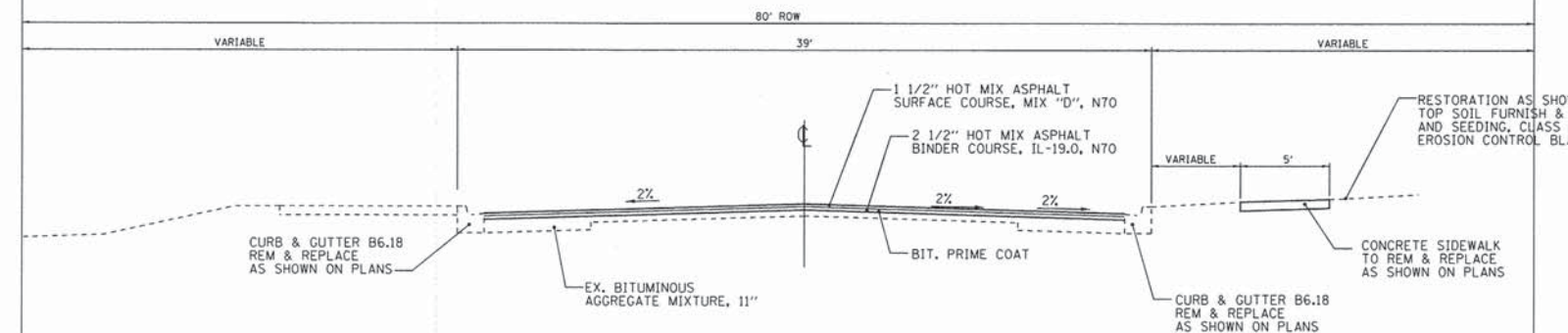
**EXISTING TYPICAL SECTION WINFIELD ROAD  
STA 15+25 TO STA 59+50**



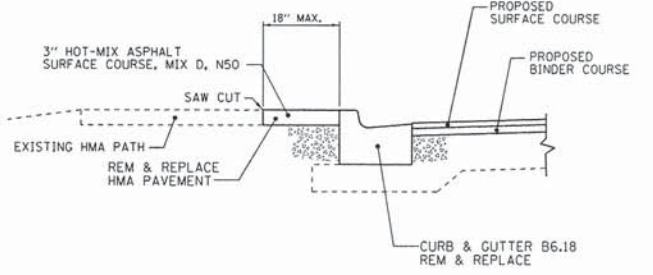
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STA 15+25 TO STA 59+50**



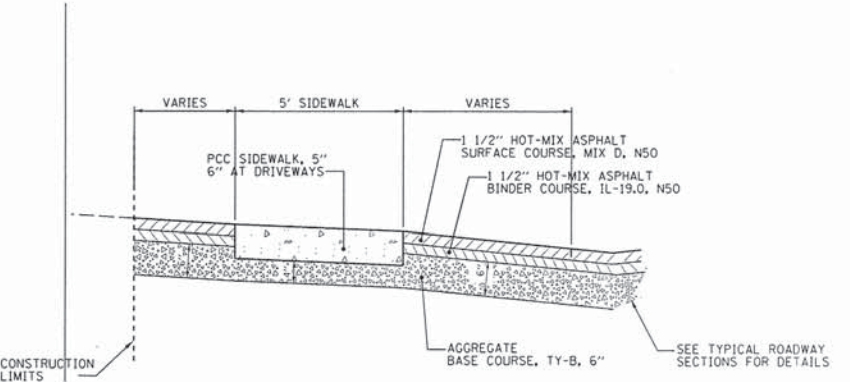
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STA 59+50 TO STA 61+40**



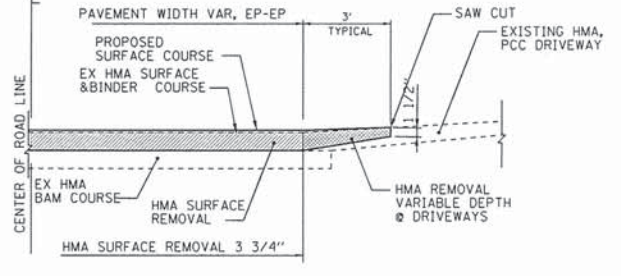
**PROPOSED TYPICAL SECTION WINFIELD ROAD  
STA 59+50 TO STA 61+40**



**HMA PATH REMOVAL DETAIL**



**TYPICAL SECTION THRU HMA DRIVEWAY**



**TRANSITION & DRIVEWAYS  
DETAIL**

FILE NAME =	USER NAME = .USER_	DESIGNED -	REVISED -
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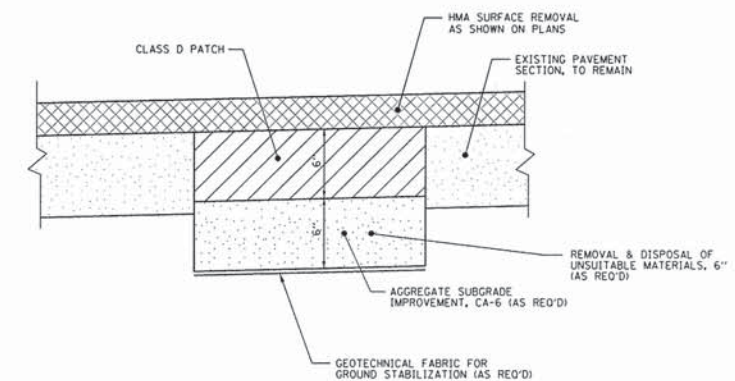
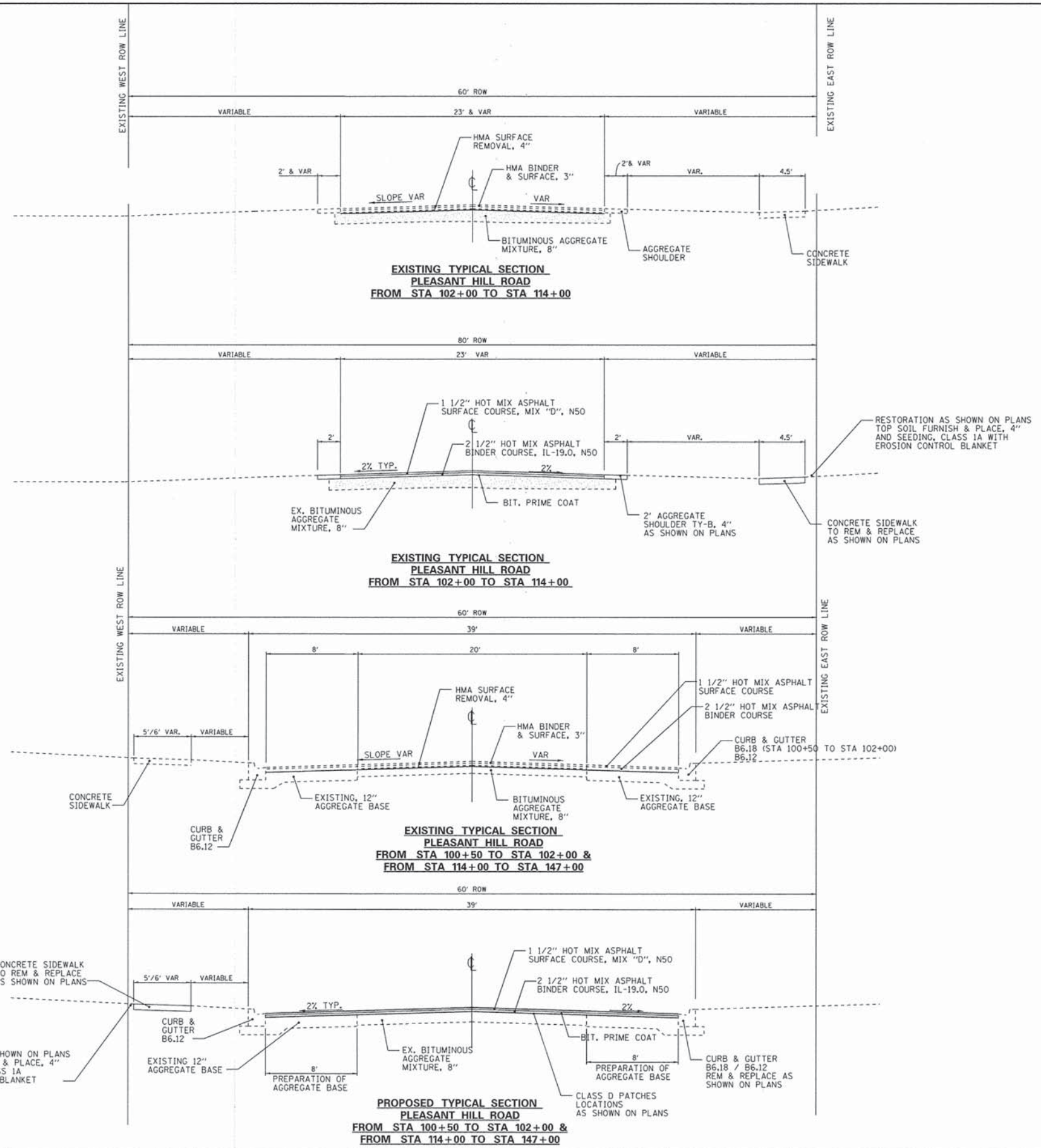
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
WINFIELD ROAD**  
SCALE: SHEET 5 OF 43 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3804	13-00049-00-RS	DUPAGE	43	5
CONTRACT NO. 61A37				
[ILLINOIS] FED. AID PROJECT				



STRUCTURAL DESIGN INFORMATION	
STRUCTURAL DESIGN TRAFFIC:	500 ADT YEAR 2023
PV=	88 SU= 7 MU= 5
ROAD CLASSIFICATION:	CLASS III
TRAFFIC FACTOR:	TF= 0.082

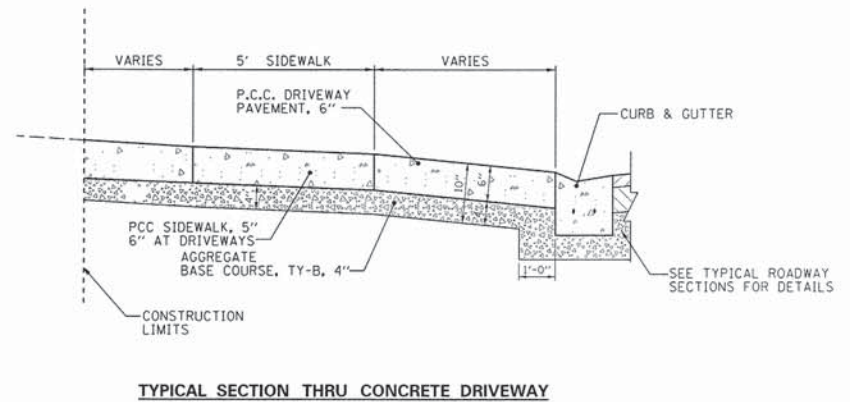
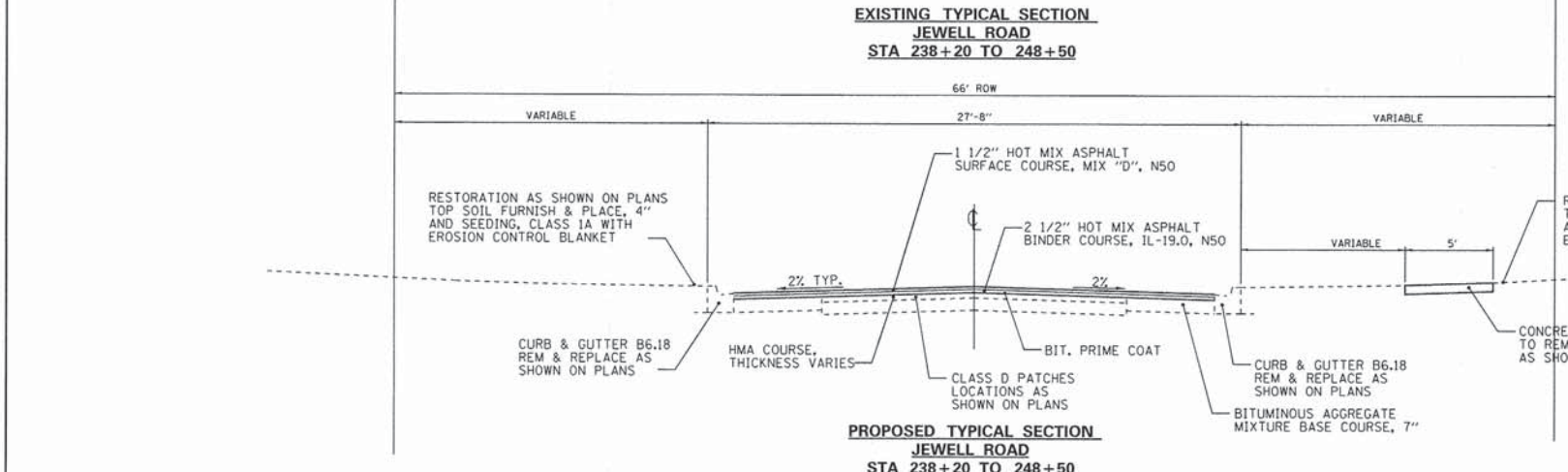
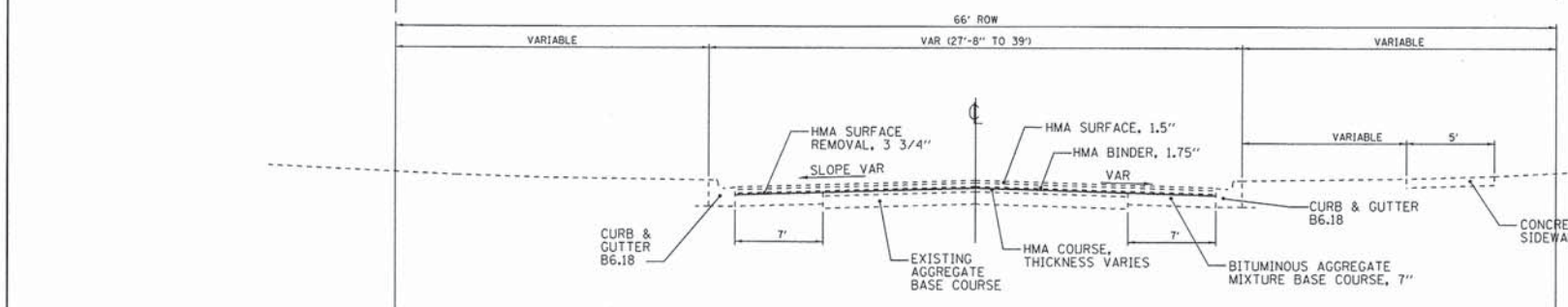
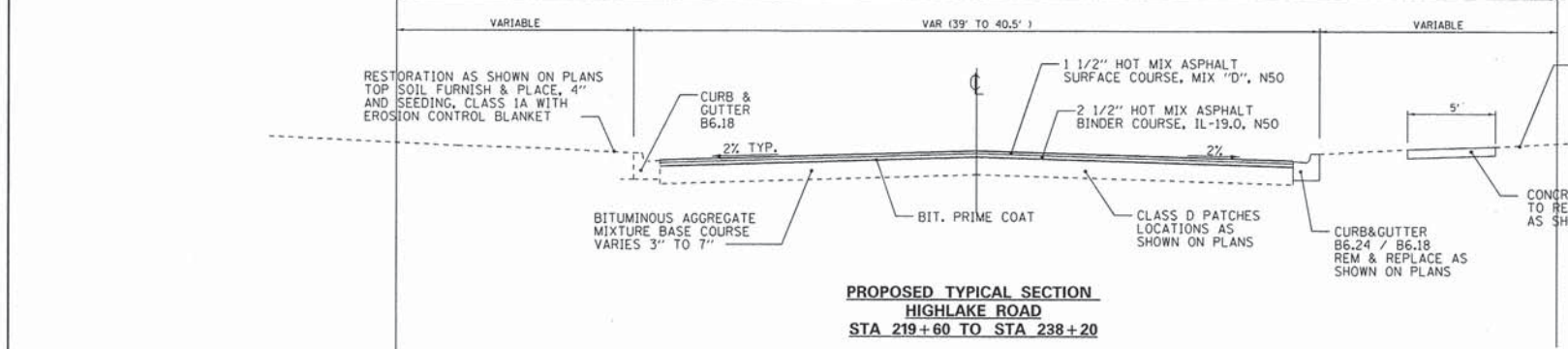
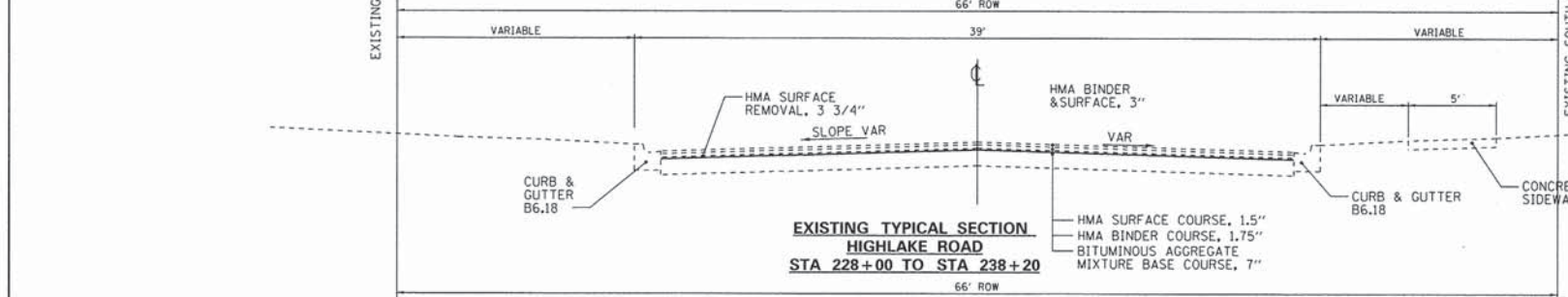
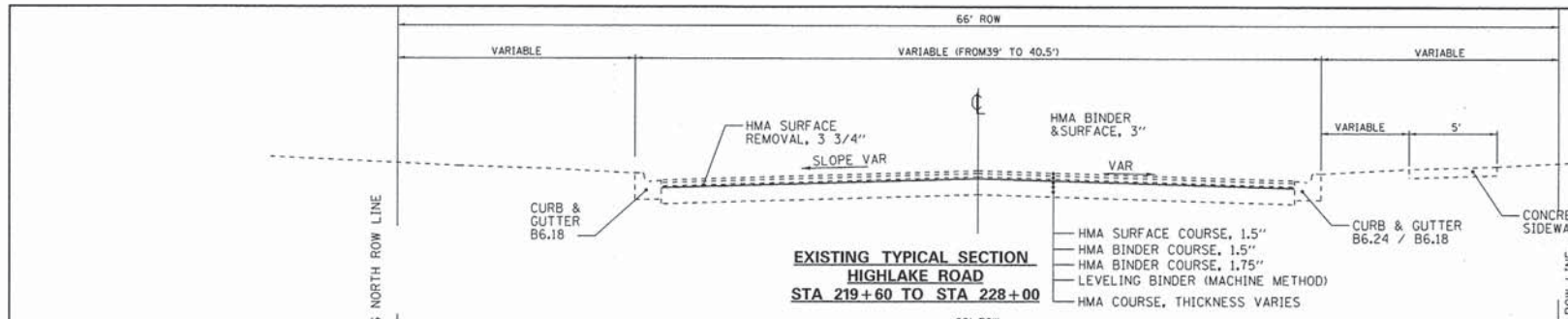


- NOTES:**
1. LOCATIONS, LENGTH AND WIDTH, TO BE DETERMINED BY VILLAGE INSPECTION.
  2. UNDERCUT SHALL BE MEASURED PRIOR TO BACKFILLING.
  3. BACKFILLING SHALL BE COMPLETED, SAME DAY AS EXCAVATION.
  4. CONTRACTOR SHALL COORDINATE EXCAVATIONS WITH HOMEOWNERS TO MOVE VEHICLES IN ADVANCE.
  5. CONTRACTOR SHALL ASSIST RESIDENTS AT TIMES OF INTERRUPTED ACCESS.
  6. THE VILLAGE WILL NOTIFY EMERGENCY SERVICES AND POSTAL DELIVERY OF THE WORK SCHEDULES AND LOCATIONS. THE VILLAGE WILL NOTIFY GARBAGE COLLECTION, HOWEVER, THE CONTRACTOR WILL BE REQUIRED TO ASSURE THAT GARBAGE COLLECTION SHALL NOT BE DELAYED OR PREVENTED FROM ACCESS TO ANY LOCATION ON THE NORMAL SCHEDULE.

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS PLEASANT HILL ROAD</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
No\dgn\WF\WF601.2014Streets\sheet\WF601	.06TypicalSections.03.dgn	DRAWN -	REVISED -			3801	13-00049-00-R5	DUPAGE	43	6
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#MODELNAME#	PLOT DATE = 3/12/2014	DATE -	REVISED -			CONTRACT NO. 61A37				
					SCALE:	SHEET 6 OF 43 SHEETS		STA.	TO STA.	
					ILLINOIS FED. AID PROJECT					



STRUCTURAL DESIGN INFORMATION	
STRUCTURAL DESIGN TRAFFIC:	500 ADT YEAR 2023
PV=	88 SU= 7 MU= 5
ROAD CLASSIFICATION:	CLASS III
TRAFFIC FACTOR:	TF= 0.082



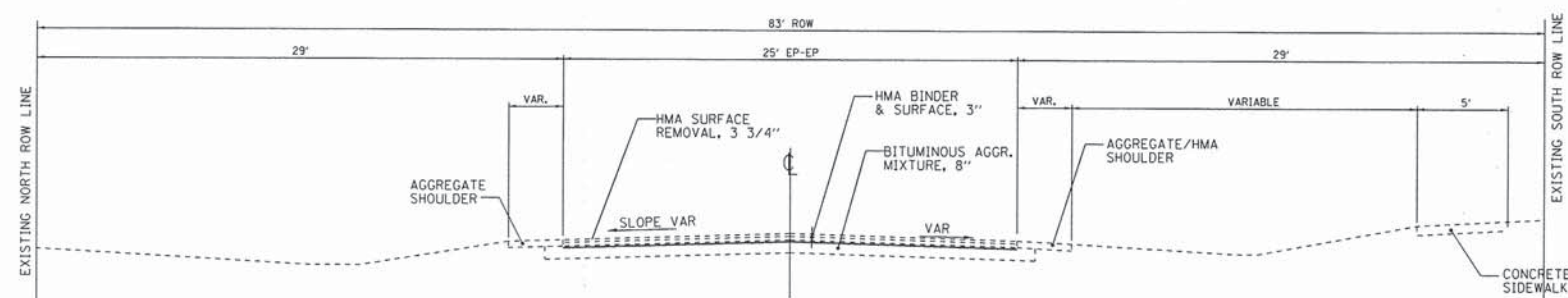
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

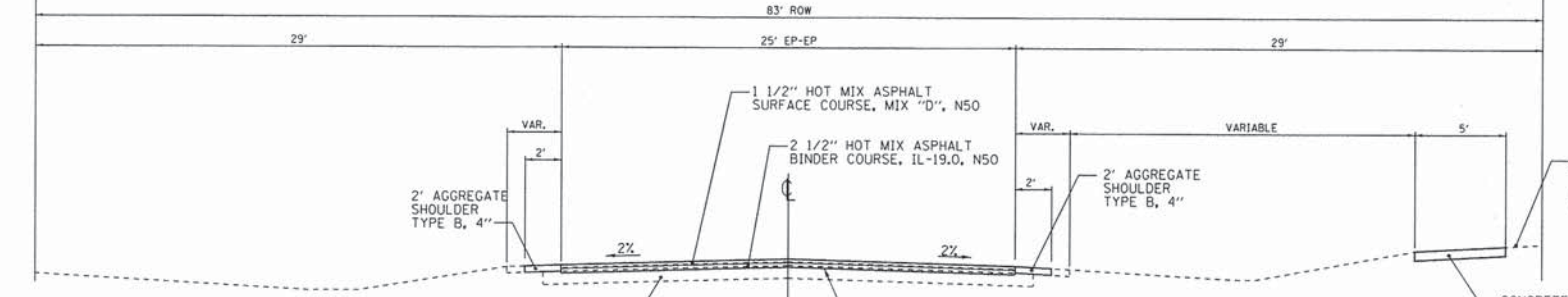
TYPICAL SECTIONS HIGHLAKE ROAD & JEWELL ROAD	
SCALE:	SHEET 7 OF 43 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3804 2585	13-00049-00-RS	DUPAGE	43	7
CONTRACT NO. 61A37			ILLINOIS FED. AID PROJECT	

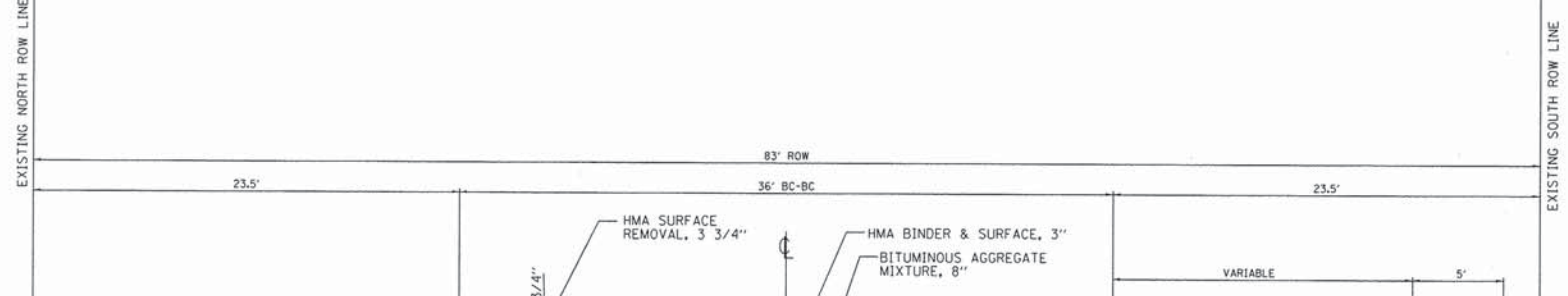




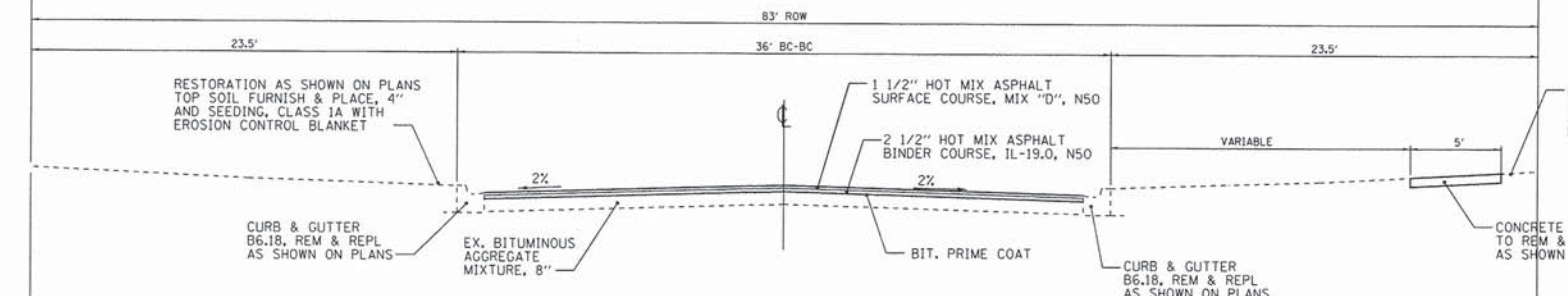
**EXISTING TYPICAL SECTION  
JEWELL ROAD  
STA 248+50 TO STA 258+90**



**PROPOSED TYPICAL SECTION  
JEWELL ROAD  
STA 248+50 TO STA 258+90**

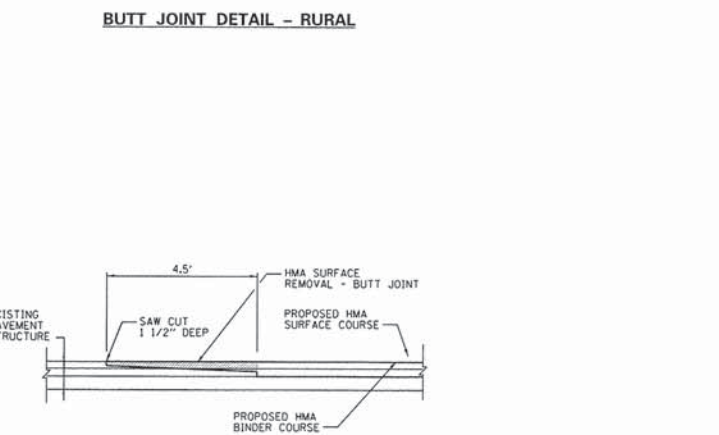
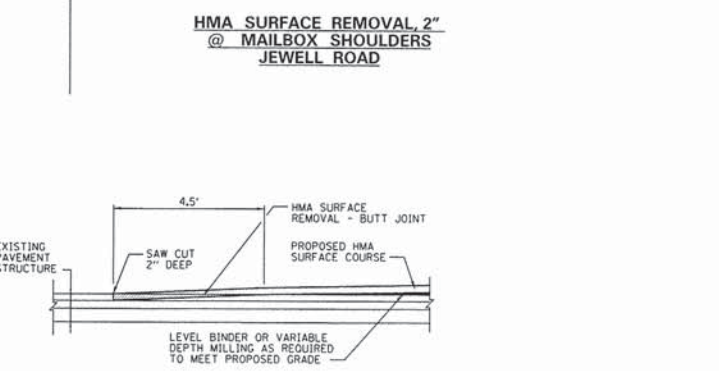
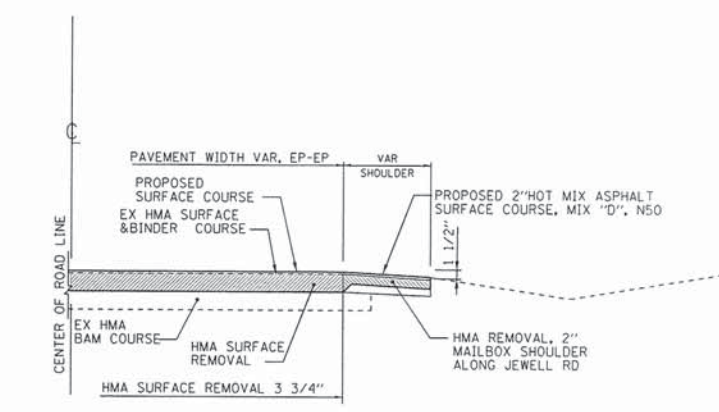


**EXISTING TYPICAL SECTION  
JEWELL ROAD  
STA 259+75 TO STA 262+50**



**PROPOSED TYPICAL SECTION  
JEWELL ROAD  
STA 259+75 TO STA 262+50**

STRUCTURAL DESIGN INFORMATION	
STRUCTURAL DESIGN TRAFFIC:	500 ADT YEAR 2023
PV=	88 SU= 7 MU= 5
ROAD CLASSIFICATION:	CLASS III
TRAFFIC FACTOR:	TF= 0.082



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PLOT DATE = 4/3/2014		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
HIGHLAKE ROAD & JEWELL ROAD**

SCALE: SHEET 8 OF 43 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3801 2543	13-00049-00-RS	DUPAGE	43	8
CONTRACT NO. 61A37				
ILLINOIS FED. AID PROJECT				



HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT		
LOCATION	OFFSET	AREA (SY)
WINFIELD ROAD		
STA 227+60	41 RT	36
STA 2+75	LT	35
STA 5+50	RT	63
STA 10+50	LT	35
STA 14+75	RT	40
STA 17+50	RT	40
STA 21+25	RT	40
STA 28+70	RT	25
STA 39+00	RT	15
STA 46+80	RT	23
STA 54+25	RT	21
STA 61+40	CL	55
SUB-TOTAL 428		
PLEASANT HILL ROAD		
STA 100+34	CL	45
STA 103+00	LT	45
STA 109+25	LT	25
STA 109+25	RT	20
STA 111+75	LT	30
STA 114+00	LT	43
STA 116+25	LT	33
STA 119+25	LT	40
STA 124+00	RT	48
STA 129+50	LT	43
STA 129+50	RT	33
STA 137+55	RT	50
STA 141+20	LT	45
STA 151+35	CL	30
SUB-TOTAL 530		
HIGHLAKE ROAD & JEWELL ROAD		
STA 219+61	CL	15
STA 227+00	CL	32
STA 228+20	CL	33
STA 231+50	RT	28
STA 238+25	RT	54
STA 244+00	LT	38
STA 246+25	RT	28
STA 250+00	LT	26
STA 250+70	RT	14
STA 255+00	LT	31
STA 250+40	RT	14
STA 259+25	LT	23
SUB-TOTAL 336		
TOTAL 1294		

PORTLAND CEMENT CONCRETE SIDEWALK, 5"		
LOCATION	OFFSET	AREA (SF)
WINFIELD ROAD		
STA 0+26	LT	616
STA 1+82	LT	60
STA 2+18	LT	291
STA 3+02	LT	49
STA 3+18	LT	
STA 4+37	LT	100
STA 17+70	RT	50
STA 20+98	RT	82
STA 21+40	RT	106
STA 22+63	RT	75
STA 24+73	RT	25
STA 25+25	RT	100
STA 26+04	RT	75
STA 26+58	RT	75
STA 29+04	RT	50
STA 32+00	RT	25
STA 35+44	RT	100
STA 36+18	RT	25
STA 38+98	RT	50
STA 39+88	RT	50
STA 40+04	RT	25
STA 40+74	RT	75
STA 41+22	RT	50
STA 41+47	RT	50
STA 42+18	RT	25
STA 42+80	RT	50
STA 44+07	RT	25
STA 46+36	RT	129
STA 46+95	RT	70
STA 50+02	RT	25
STA 50+40	RT	25
STA 52+78	RT	50
STA 53+08	RT	100
STA 53+95	RT	104
STA 54+52	RT	70
STA 56+00	RT	50
STA 57+43	RT	50
STA 61+14	RT	50
TOTAL 3027		

PORTLAND CEMENT CONCRETE SIDEWALK, 5"		
LOCATION	OFFSET	AREA (SF)
PLEASANT HILL ROAD		
STA 100+38	LT	83
STA 100+40	RT	144
STA 100+53	LT	40
STA 101+50	RT	125
STA 101+85	RT	175
STA 102+70	RT	25
STA 102+75	LT	62
STA 103+05	LT	57
STA 103+30	RT	25
STA 103+35	LT	42
STA 103+55	RT	25
STA 103+80	RT	25
STA 104+85	RT	75
STA 107+20	RT	25
STA 107+35	RT	25
STA 107+45	RT	25
STA 107+80	RT	25
STA 107+95	RT	50
STA 109+00	RT	
STA 109+10	RT	25
STA 109+50	LT	
STA 109+50	RT	40
STA 109+58	RT	25
STA 109+58	LT	45
STA 111+62	LT	141
STA 112+00	LT	64
STA 113+60	LT	25
STA 113+72	LT	30
STA 114+26	LT	35
STA 116+00	LT	25
STA 116+10	LT	27
STA 116+45	LT	37
STA 116+55	LT	50
STA 117+80	LT	75
STA 119+00	LT	25
STA 119+03	LT	30
STA 119+42	LT	36
STA 129+18	LT	36
STA 129+36	LT	66
STA 129+36	RT	50
STA 129+90	LT	100
STA 129+90	RT	27
STA 132+69	LT	30
STA 138+00	LT	45
STA 138+00	RT	190
STA 140+90	LT	70
STA 141+45	LT	45
STA 147+32	LT	25
STA 147+70	LT	50
TOTAL 2522		

PORTLAND CEMENT CONCRETE SIDEWALK, 5"		
LOCATION	OFFSET	AREA (SF)
HIGHLAKE / JEWELL ROAD		
STA 220+60	RT	25
STA 221+14	RT	25
STA 221+66	RT	30
STA 222+10	RT	75
STA 223+86	RT	30
STA 224+20	RT	31
STA 224+55	RT	25
STA 224+90	RT	25
STA 226+87	RT	250
STA 227+90	RT	125
STA 228+60	RT	25
STA 228+10	RT	30
STA 228+40	RT	30
STA 231+00	RT	120
STA 231+80	RT	100
STA 232+20	RT	125
STA 232+55	RT	55
STA 232+85	RT	28
STA 233+05	RT	60
STA 233+25	RT	150
STA 233+70	RT	50
STA 233+95	RT	50
STA 234+42	RT	50
STA 234+62	RT	75
STA 235+18	RT	225
STA 235+93	RT	50
STA 237+74	RT	60
STA 238+40	RT	30
STA 238+58	RT	76
STA 239+60	RT	26
STA 240+12	RT	36
STA 241+50	RT	30
STA 241+86	RT	25
STA 242+00	RT	25
STA 243+07	RT	25
STA 243+45	RT	25
STA 243+85	RT	150
STA 244+43	RT	75
STA 245+30	RT	25
STA 245+45	RT	25
STA 246+00	RT	30
STA 246+42	RT	30
STA 249+26	RT	125
STA 249+96	RT	50
STA 250+56	RT	20
STA 250+88	RT	35
STA 251+42	RT	25
STA 251+70	RT	25
STA 251+90	RT	25
STA 252+70	RT	25
STA 253+45	RT	50
STA 253+93	RT	50
STA 254+85	RT	50
STA 255+60	RT	135
STA 256+55	RT	25
STA 256+85	RT	25
STA 258+05	RT	25
STA 260+00	RT	25
STA 260+40	RT	125
STA 261+00	RT	50
STA 261+75	RT	100
STA 262+30	RT	120
TOTAL 3667		

DETECTABLE WARNINGS		
LOCATION	OFFSET	AREA (SF)
WINFIELD ROAD		
STA 0+26	LT	24
STA 1+82	LT	8
STA 2+18	LT	8
STA 3+02	LT	8
STA 17+70	RT	8
STA 20+98	RT	8
STA 21+40	RT	8
STA 46+36	RT	8
STA 46+95	RT	8
STA 53+95	RT	8
STA 54+52	RT	8
SUB-TOTAL 104		
PLEASANT HILL ROAD		
STA 100+38	LT	8
STA 100+40	RT	16
STA 100+53	LT	8
STA 102+75	LT	8
STA 103+35	LT	8
STA 109+10	RT	8
STA 109+58	RT	8
STA 109+58	LT	8
STA 111+62	LT	8
STA 112+00	LT	8
STA 113+72	LT	8
STA 114+26	LT	8
STA 116+00	LT	8
STA 116+10	LT	8
STA 116+45	LT	8
STA 119+03	LT	8
STA 119+42	LT	8
STA 129+36	RT	16
STA 129+90	LT	16
STA 129+90	LT	16
STA 129+90	RT	16
STA 138+00	LT	8
STA 140+90	LT	8
STA 141+45	LT	8
SUB-TOTAL 248		
HIGHLAKE ROAD & JEWELL ROAD		
STA 226+87	RT	16
STA 227+90	RT	16
STA 231+00	RT	8
STA 231+80	RT	8
STA 237+74	RT	8
STA 238+40	RT	8
STA 239+60	RT	8
STA 240+12	RT	8
STA 241+50	RT	8
STA 243+85	RT	8
STA 246+00	RT	8
STA 246+42	RT	8
STA 250+56	RT	8
STA 250+88	RT	8
STA 255+60	RT	8
STA 262+30	RT	16
SUB-TOTAL 152		
TOTAL 504		

VALVE VAULTS TO BE ADJUSTED		
LOCATION	OFFSET	QUANTITY (EACH)
WINFIELD ROAD		
STA 17+75	23' RT	1
PLEASANT HILL ROAD		
STA 111+65	35' LT	1
STA 129+20	35' LT	1
SUB-TOTAL 3		

VALVE BOXES TO BE ADJUSTED		
LOCATION	OFFSET	QUANTITY (EACH)
HIGHLAKE / JEWELL ROAD		
STA 225+30	10' LT	1
STA 239+45	4' LT	1
STA 259+40	20' LT	1
TOTAL 3		

SANITARY MANHOLES TO BE ADJUSTED		
LOCATION	OFFSET	QUANTITY (EACH)
HIGHLAKE / JEWELL ROAD		
STA 221+45	15' RT	1
TOTAL 1		

MANHOLE TO BE ADJUSTED		
LOCATION	OFFSET	QUANTITY (EACH)
WINFIELD ROAD		
CURB LINE		
STA 12+60	20' RT	1
STA 61+15	22' RT	1
SUB-TOTAL 2		

FRAME AND LIDS TO BE ADJUSTED, SPECIAL			
LOCATION	OFFSET	TYPE	QUANTITY (EACH)
WINFIELD ROAD			
STA 227+51	24' RT	WV	1
STA 227+57	14' RT	SANITARY	1
STA 227+75	7' RT	WV	1
STA 134+50	20' LT	1	1
STA 134+50	20' RT	1	1
STA 228+00	14' RT	WV	1
STA 137+00	20' LT	1	1
STA 137+00	20' RT	1	1
STA 140+10	20' LT	1	1
STA 140+10	20' RT	1	1
STA 145+35	20' LT	1	1
STA 145+35	20' RT	1	1
SUB-TOTAL 13			

HIGHLAKE / JEWELL ROAD			
LOCATION	OFFSET	TYPE	QUANTITY (EACH)
STA 224+10	16' LT	1	1
STA 230+05	20' LT	1	1
STA 231+80	25' RT	1	1
STA 233+95	20' LT	1	1
STA 235+80	20' RT	1	1
STA 236+50	20' LT	1	1
STA 237+40	20' LT	1	1
STA 237+40	20' RT	1	1
STA 238+90	20' RT	1	1
STA 239+60	20' LT	1	1
STA 239+60	20' RT	1	1
STA 240+50	20' LT	1	1
SUB-TOTAL 13			
TOTAL 27			

HIGHLAKE / JEWELL ROAD			
LOCATION	OFFSET	TYPE	QUANTITY (EACH)
STA 222+00	16' RT	WV	1
STA 224+20	3' RT	SANITARY	1
STA 225+70	15' RT	STORM	1
STA 230+05	15' RT	STORM	1
STA 231+00	15' RT	STORM	1
STA 231+30	12' RT	WV	1
STA 231+40	3' LT	WV	1
STA 231+50	3' LT	WV	1
STA 234+05	5' RT	SANITARY	1
STA 240+50	5' RT	STORM	1
STA 241+40	12' LT	STORM	1
STA 241+70	5' LT	SANITARY	1
STA 244+00	20' LT	WV	1
STA 246+25	15' RT	WV	1
STA 259+50	16' LT	WV	1
SUB-TOTAL 15			
TOTAL 26			

CLASS D PATCHES, TYPE II, 6"	
LOCATION	AREA (SY)
WINFIELD ROAD	
STA 20+75, RT	12
STA 26+10, CL	12
PLEASANT HILL ROAD	
STA 26+00, LT	8
STA 133+00, LT	12
STA 139+00, LT	12
HIGHLAKE / JEWELL ROAD	
STA 242+60, RT	13
STA 243+00, RT	11
STA 243+00, LT	10
TOTAL 90	

CLASS D PATCHES, TYPE III, 6"	
LOCATION	AREA (SY)
WINFIELD ROAD	
STA 46+10, RT	20
STA 56+00, RT	20
STA 56+00, LT	20
PLEASANT HILL ROAD	
STA 127+75, RT	20
HIGHLAKE / JEWELL ROAD	
STA 231+50, RT	24
TOTAL 104	

CLASS D PATCHES, TYPE IV, 6"	
LOCATION	AREA (SY)
WINFIELD ROAD	
STA 42+00, RT	40
PLEASANT HILL ROAD	
STA 124+50, LT	86
STA 127+50, LT	27
STA 129+00, RT	77
STA 130+25, LT	56
STA 132+40, RT	27
STA 138+25, LT	27
STA 138+50, RT	27
HIGHLAKE / JEWELL ROAD	
STA 260+00, RT	34
TOTAL 403	

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DETECTOR LOOP, TYPE I		
LOCATION	OFFSET	LENGTH (FT)
WINFIELD ROAD		
STA 0+40	CL	54
STA 0+60	CL	54
STA 0+80	CL	54
STA 2+30	LT	32
STA 60+90	CL	74
STA 60+90	RT	50
STA 61+00	CL	67
STA 61+00	RT	34
STA 61+20	CL	67
STA 61+20	RT	44
SUB-TOTAL		530
PLEASANT HILL ROAD		
STA 100+60	LT	36
STA 100+60	CL	54
STA 100+80	LT	44
STA 100+80	CL	54
STA 111+75	LT	58
STA 101+00	CL	64
STA 101+00		
SUB-TOTAL		310
HIGHLAKE ROAD & JEWELL ROAD		
STA 226+80	CL	64
STA 226+80	RT	54
STA 226+95	CL	54
STA 226+95	RT	45
STA 227+10	CL	54
STA 227+10	RT	44
STA 228+10	LT	53
STA 228+10	CL	54
STA 228+25	LT	34
STA 228+25	CL	54
STA 228+40	LT	44
STA 228+40	CL	80
STA 261+95	CL	54
STA 262+00	RT	125
STA 262+10	CL	44
STA 262+25	CL	60
SUB-TOTAL		897
TOTAL		1737

THERMOPLASTIC PAVEMENT MARKINGS LETTERS AND SYMBOLS			
STATION	OFFSET	LETTERS & SYMBOLS	AREA (SF)
WINFIELD ROAD			
STA 0+60	CL	ARROW	15.6
STA 0+80	CL	ONLY	20.8
STA 2+10	CL	ARROW	15.6
STA 2+25	CL	ONLY	20.8
STA 3+60	CL	ONLY	20.8
STA 3+90	CL	ARROW	15.6
STA 3+90	RT	ONLY	20.8
STA 4+15	RT	ARROW	15.6
STA 7+00	LT	ARROW	15.6
STA 7+20	LT	ONLY	20.8
STA 52+10	RT	ONLY	20.8
STA 52+25	RT	ARROW	15.6
STA 53+50	RT	ONLY	20.8
STA 53+70	RT	ARROW	15.6
STA 59+70	CL	ONLY	20.8
STA 59+70	RT	ONLY	20.8
STA 60+00	CL	ARROW	15.6
STA 60+00	RT	ARROW	15.6
STA 61+00	CL	ARROW	15.6
STA 61+00	RT	ARROW	15.6
SUB-TOTAL			358.8
PLEASANT HILL ROAD			
STA 101+20	CL	ARROW	15.6
STA 101+50	CL	ONLY	20.8
STA 107+50	RT	SCHOOL	32.3
STA 118+60	LT	SCHOOL	32.3
STA 125+10	CL	ARROW	15.6
STA 125+30	CL	ONLY	20.8
STA 126+40	CL	ONLY	20.8
STA 126+60	CL	ARROW	15.6
STA 130+60	CL	ARROW	15.6
STA 130+80	CL	ONLY	20.8
STA 138+60	CL	ARROW	15.6
STA 138+80	CL	ONLY	20.8
STA 140+10	CL	ONLY	20.8
STA 140+25	CL	ARROW	15.6
SUB-TOTAL			283.0
HIGHLAKE / JEWELL ROAD			
STA 221+60	CL	ARROW	15.6
STA 221+70	CL	ARROW	15.6
STA 224+60	CL	ARROW	15.6
STA 224+70	CL	ARROW	15.6
STA 226+25	CL	ONLY	20.8
STA 226+50	CL	ARROW	15.6
STA 229+25	CL	ARROW	15.6
STA 229+60	CL	ONLY	20.8
STA 232+40	CL	ARROW	15.6
STA 232+60	CL	ONLY	20.8
STA 238+70	CL	ARROW	15.6
STA 239+40	CL	ARROW	15.6
STA 248+25	LT	AHEAD	29
STA 248+40	LT	X ING	20.3
STA 260+75	CL	ONLY	20.8
STA 260+90	CL	ARROW	15.6
STA 262+10	CL	ARROW	15.6
SUB-TOTAL			304.1
TOTAL			946

THERMOPLASTIC PAVEMENT MARKING-LINE 4"		
LOCATION	OFFSET	LENGTH (FT)
WINFIELD ROAD		
STA 0+50	RT	340
STA 0+50	CL	922
STA 3+50	LT	302
STA 6+00	CL	1710
STA 6+00	LT	5383
STA 7+50	RT	820
STA 8+00	CL	502
STA 15+50	CL	440
STA 15+50	RT	191
STA 18+00	CL	620
STA 18+00	RT	298
STA 22+00	CL	1340
STA 22+00	RT	640
STA 29+10	CL	3460
STA 29+25	RT	1721
STA 47+00	CL	1392
STA 47+00	RT	690
STA 54+50	CL	1326
STA 54+50	RT	545
TOTAL		22642

THERMOPLASTIC PAVEMENT MARKING-LINE 24"		
LOCATION	OFFSET	LENGTH (FT)
WINFIELD ROAD		
STA 0+45	LT	30
STA 54+27	RT	18
STA 61+18	RT	30
SUB-TOTAL		78
PLEASANT HILL ROAD		
STA 100+63	LT	24
STA 151+09	RT	14
SUB-TOTAL		40
HIGHLAKE / JEWELL ROAD		
STA 227+10	RT	33
STA 228+10	LT	31
STA 233+65	RT	12
STA 234+50	LT	12
STA 237+60	RT	12
STA 238+85	LT	12
STA 244+00	LT	13
STA 255+00	LT	11
STA 262+25	RT	25
SUB-TOTAL		161
TOTAL		279

THERMOPLASTIC PAVEMENT MARKING-LINE 4"		
LOCATION	OFFSET	LENGTH (FT)
PLEASANT HILL ROAD		
STA 100+60	CL	1666
STA 102+86	RT	710
STA 103+73	LT	505
STA 109+60	LT	402
STA 109+60	CL	1576
STA 109+89	RT	1120
STA 115+00	LT	175
STA 116+50	LT	252
STA 117+50	CL	300
STA 119+50	CL	1736
STA 119+50	LT	165
STA 124+40	CL	892
STA 126+00	CL	514
STA 130+00	CL	1466
STA 131+00	CL	1246
STA 138+00	CL	562
STA 141+50	CL	1150
STA 141+50	CL	1331
STA 143+50	CL	470
STA 145+00	CL	330
STA 148+25	CL	310
STA 148+25	CL	560
STA 148+25	LT	310
TOTAL		17898

THERMOPLASTIC PAVEMENT MARKING-LINE 4"		
LOCATION	OFFSET	LENGTH (FT)
HIGHLAKE / JEWELL ROAD		
STA 219+61	CL	294
STA 219+61	LT	750
STA 219+61	RT	752
STA 221+20	CL	260
STA 225+20	CL	193
STA 228+00	CL	630
STA 230+00	CL	264
STA 232+00	CL	1190
STA 233+00	CL	970
STA 238+60	LT	90
STA 238+60	RT	90
STA 238+60	CL	100
STA 240+40	CL	685
STA 240+40	CL	692
STA 244+40	CL	310
STA 246+50	CL	660
STA 248+50	LT	140
STA 248+50	RT	227
STA 250+25	LT	493
STA 251+00	CL	770
STA 251+00	RT	455
STA 255+25	LT	390
STA 255+50	RT	397
STA 255+60	CL	663
STA 259+25	CL	114
STA 259+50	LT	45
STA 259+80	CL	175
STA 259+60	CL	540
TOTAL		12339

THERMOPLASTIC PAVEMENT MARKING-LINE 6"		
LOCATION	OFFSET	LENGTH (FT)
WINFIELD ROAD		
STA 0+40	CL	140
STA 0+50	LT	200
STA 3+50	RT	151
STA 4+00	RT	125
STA 6+00	LT	150
STA 7+50	LT	44
STA 46+50	RT	95
STA 52+00	RT	200
STA 59+60	RT	155
STA 61+25	CL	150
SUB-TOTAL		1410
PLEASANT HILL ROAD		
STA 100+50	CL	105
STA 100+60	LT	100
STA 109+25	RT	65
STA 109+50	CL	80
STA 124+50	LT	111
STA 128+25	RT	100
STA 129+30	CL	115
STA 130+00	LT	100
STA 138+00	CL	100
STA 138+00	LT	100
STA 140+00	RT	100
STA 148+20	CL	46
SUB-TOTAL		1122
HIGHLAKE / JEWELL ROAD		
STA 226+25	RT	90
STA 227+15	CL	130
STA 228+10	LT	165
STA 231+15	CL	90
STA 232+00	LT	100
STA 261+00	RT	165
SUB-TOTAL		740
TOTAL		3272

THERMOPLASTIC PAVEMENT MARKING-LINE 12"		
LOCATION	OFFSET	LENGTH (FT)
WINFIELD ROAD		
STA 0+75	RT	100
STA 6+50	RT	200
STA 8+25	LT	55
STA 45+00	RT	40
STA 54+00	RT	90
SUB-TOTAL		485
PLEASANT HILL ROAD		
STA 109+25	RT	60
STA 109+55	CL	78
STA 115+00	LT	15
STA 115+00	RT	70
STA 117+00	LT	40
STA 118+00	CL	25
STA 120+00	LT	10
STA 120+00	CL	85
STA 126+00	CL	25
STA 129+40	CL	108
STA 132+00	CL	120
STA 142+00	CL	95
STA 144+00	LT	70
STA 145+50	RT	35
STA 148+20	CL	80
SUB-TOTAL		916
HIGHLAKE / JEWELL ROAD		
STA 220+00	CL	50
STA 225+25	CL	30
STA 227+50	RT	140
STA 228+00	CL	140
STA 230+00	CL	80
STA 231+50	RT	115
STA 233+80	CL	80
STA 234+00	CL	90
STA 238+50	CL	80
STA 241+00	CL	70
STA 243+80	CL	80
STA 250+75	RT	50
STA 255+25	CL	110
STA 255+50	RT	50
STA 258+50	CL	10
STA 259+70	CL	30
SUB-TOTAL		1185
TOTAL		2586

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
N:\dgn\WF\601_20145\trucks\sheet\WF601_105\ScheduleofQuantities.dgn	..USER.	DRAWN -	REVISED -
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		DATE -	REVISED -

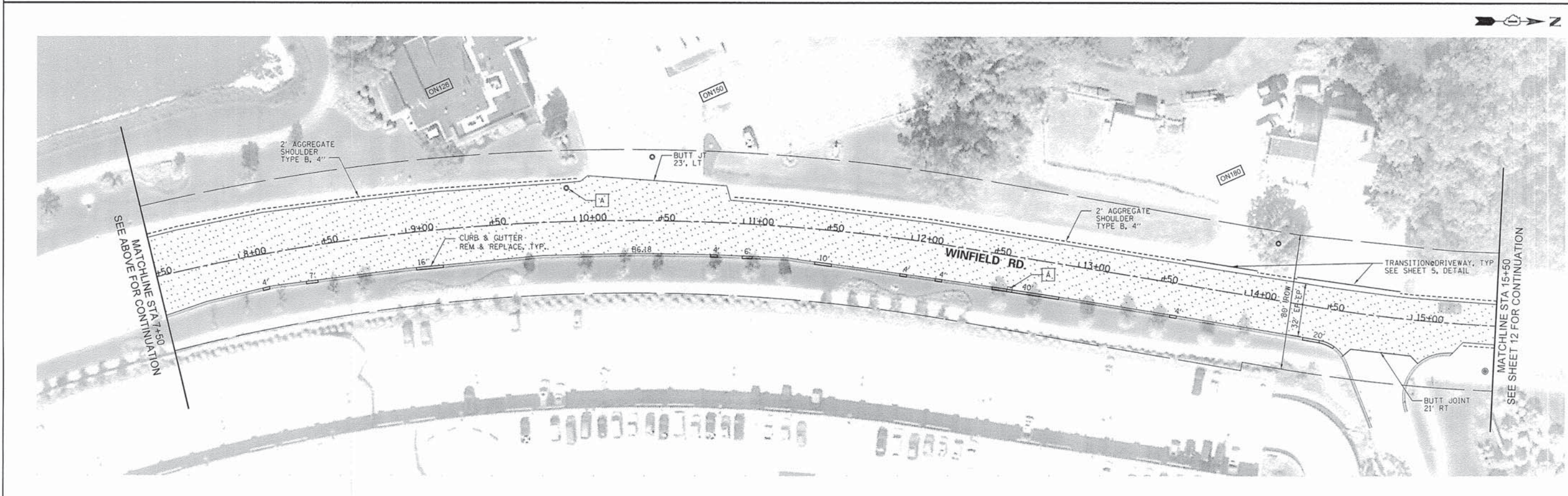
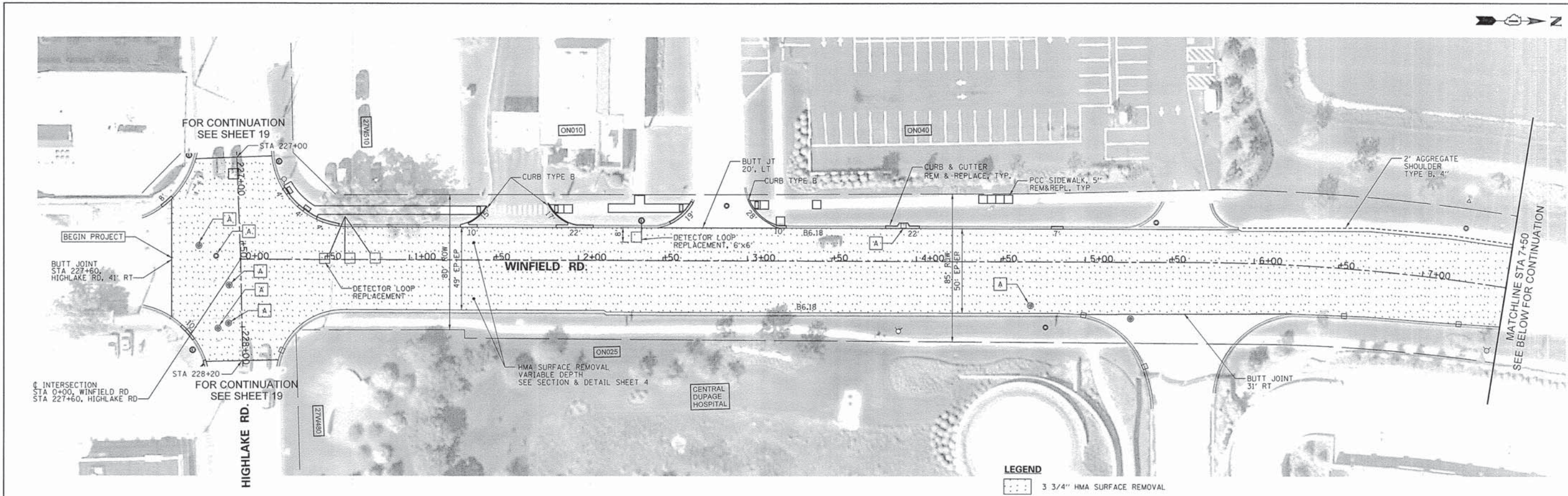
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 10 OF 43 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3801	13-00049-00-RS		43	10
CONTRACT NO. 61A37			ILLINOIS FED. AID PROJECT	

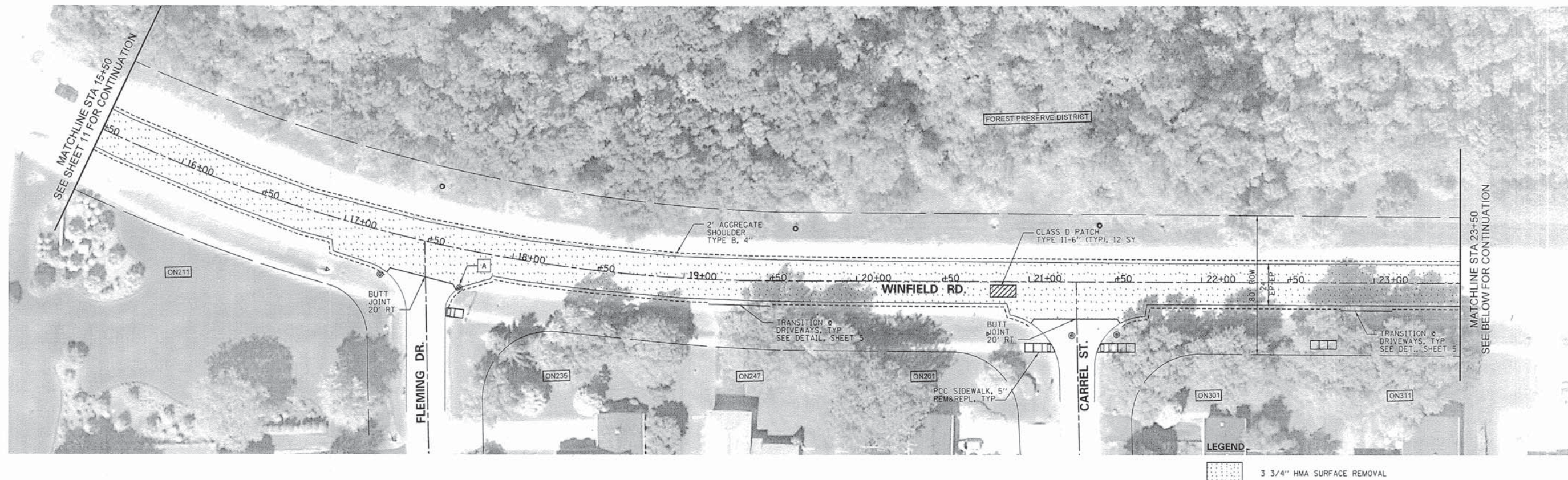




FILE NAME =	USER NAME = .USER.	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WINFIELD ROAD PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\dgn\WF\WF001_2014Streets\sheet\WF001.dgn	..I\WinfieldRoadPlan01.dgn	DRAWN -	REVISED -			3894	13-00049-00-RS	DUPAGE	43	11	
	PLOT SCALE = 30.00 ft / 1 in.	CHECKED -	REVISED -			CONTRACT NO. 61A37					
#MODELNAME#	PLOT DATE = 3/12/2014	DATE -	REVISED -			[ILLINOIS] FED. AID PROJECT					

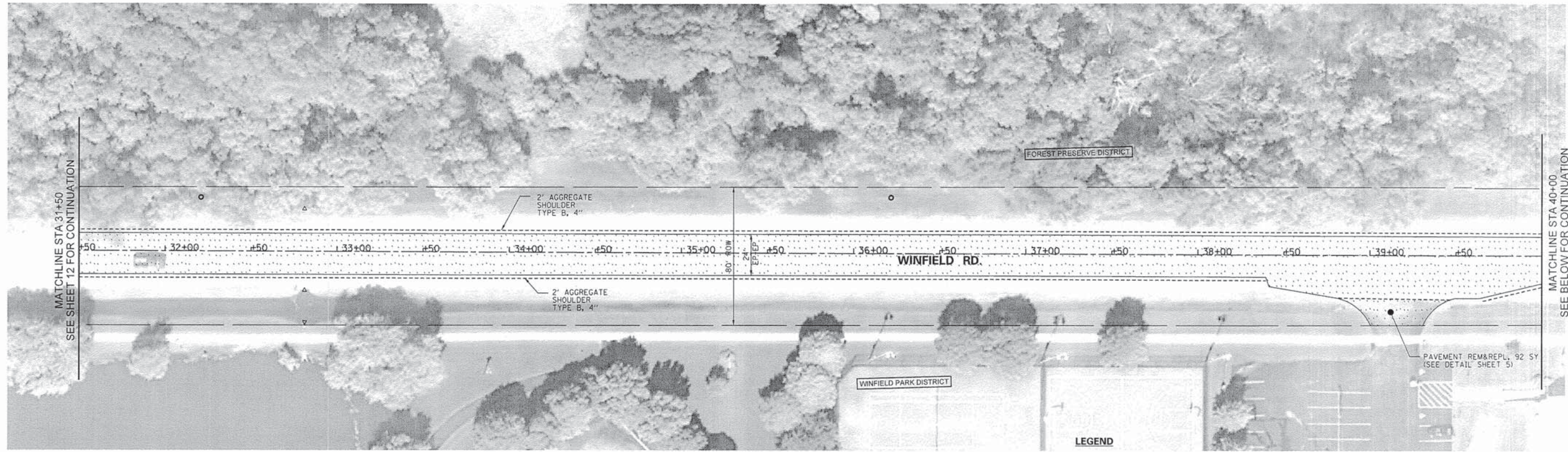
SCALE: 1"=30' SHEET 11 OF 43 SHEETS STA. TO STA.






FILE NAME = N:\dgn\WF\WF601.2014Streets\sheets\WF601	USER NAME = USER, 12WinfieldRoadPlan02.dgn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WINFIELD ROAD PLAN</b>	F.A.U. RTE. 3804 2533	SECTION 13-00049-00-R5	COUNTY DUPAGE	TOTAL SHEETS 43	SHEET NO. 12		
#MODELNAME#	PLOT SCALE = 30.00 FT / IN.	CHECKED -	REVISED -			SCALE: 1"=30'	SHEET 12 OF 43 SHEETS	STA.	TO STA.	CONTRACT NO. 61A37		
	PLOT DATE = 3/12/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						





**LEGEND**

 3/4" HMA SURFACE REMOVAL



FILE NAME =	USER NAME = .USER,	DESIGNED -	REVISED -
N:\dgn\WF\WF601.20145\roadsheets\WF601.13\WinfieldRoadPlan03.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

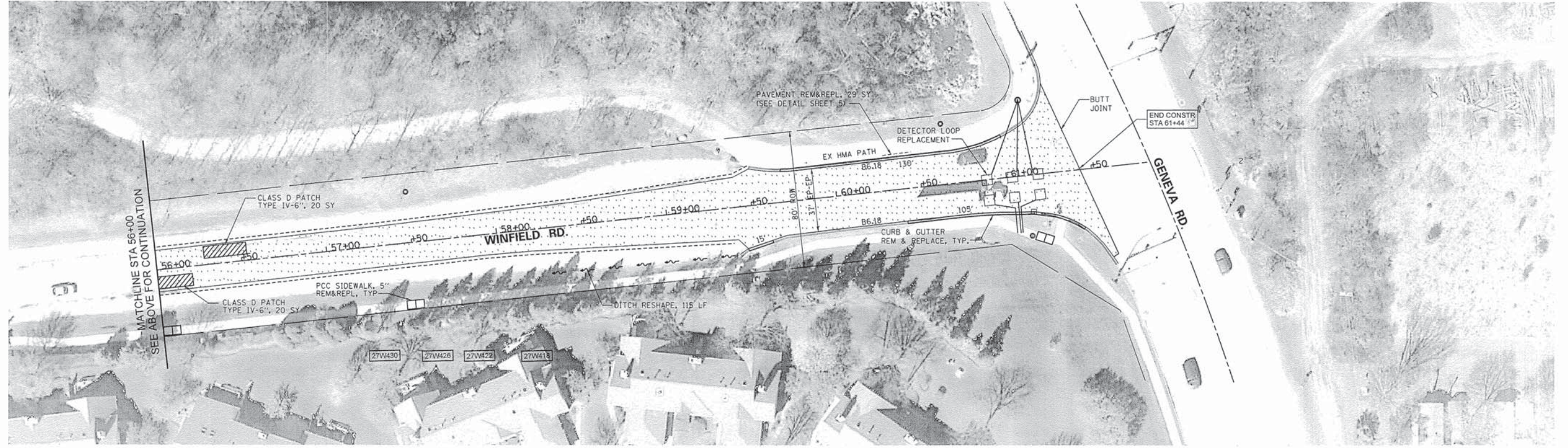
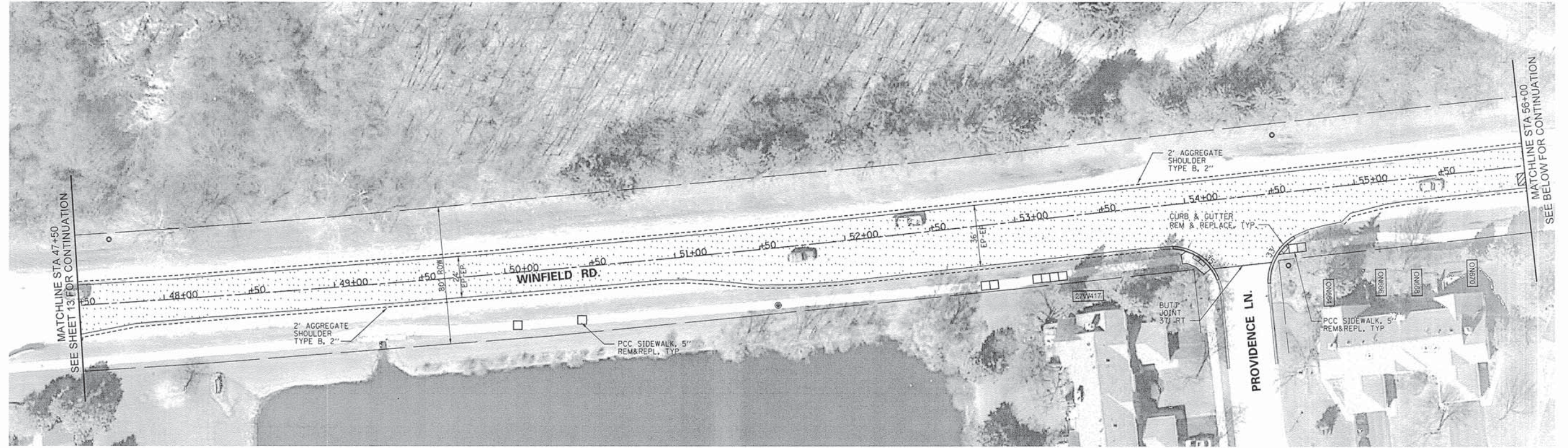
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINFIELD ROAD PLAN**

SCALE: 1"=30' SHEET 13 OF 43 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2894	13-00049-00-RS	DUPAGE	43	13
CONTRACT NO. 61A37			ILLINOIS FED. AID PROJECT	





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		CHECKED -	REVISED -
		DATE -	REVISED -
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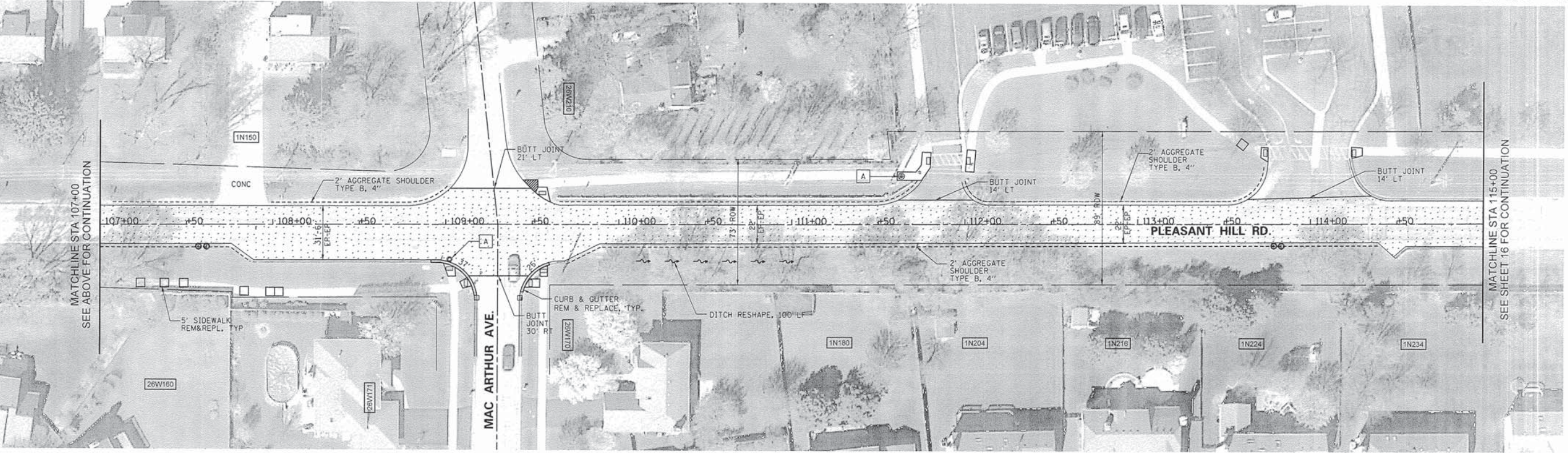
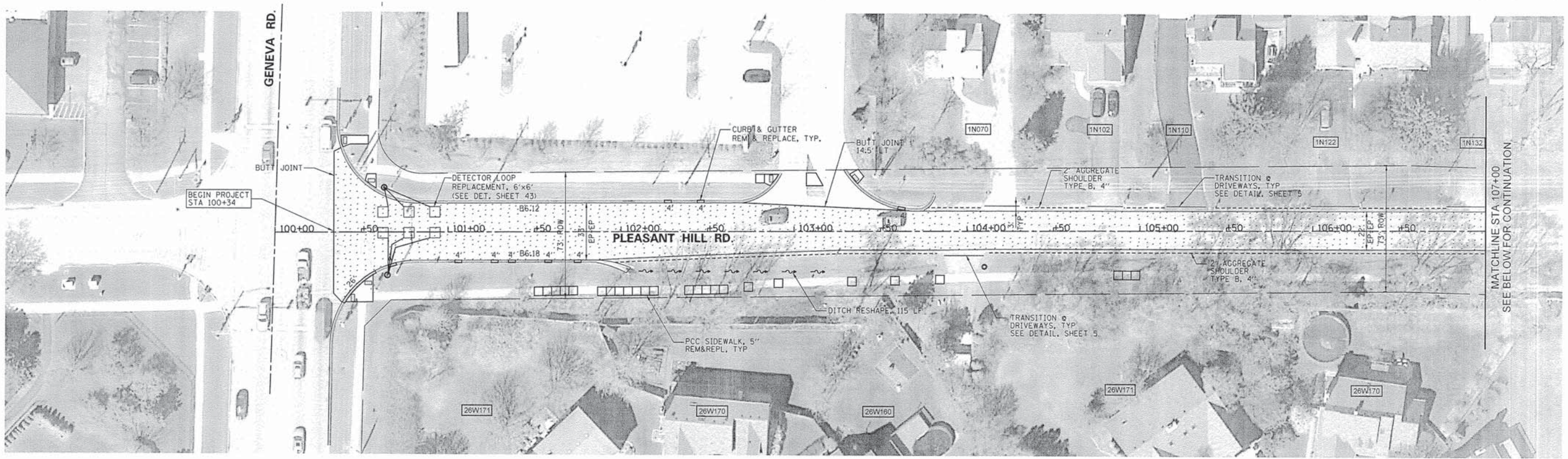
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINFIELD ROAD PLAN**

SCALE: 1"=30' SHEET 14 OF 43 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3804	13-00049-00-RS	DUPAGE	43	14
CONTRACT NO. 61A37				
[ILLINOIS] FED. AID PROJECT				





**LEGEND**  
 [Pattern] - 4" HMA SURFACE REMOVAL

FILE NAME *	USER NAME = .USER	DESIGNED -	REVISED -
\\n\dgn\WF\F601_2014Streets\sheet\WF601_15PleasantHillRoadPlan01.dgn		DRAWN -	REVISED -
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PLOT DATE = 4/3/2014		DATE -	REVISED -

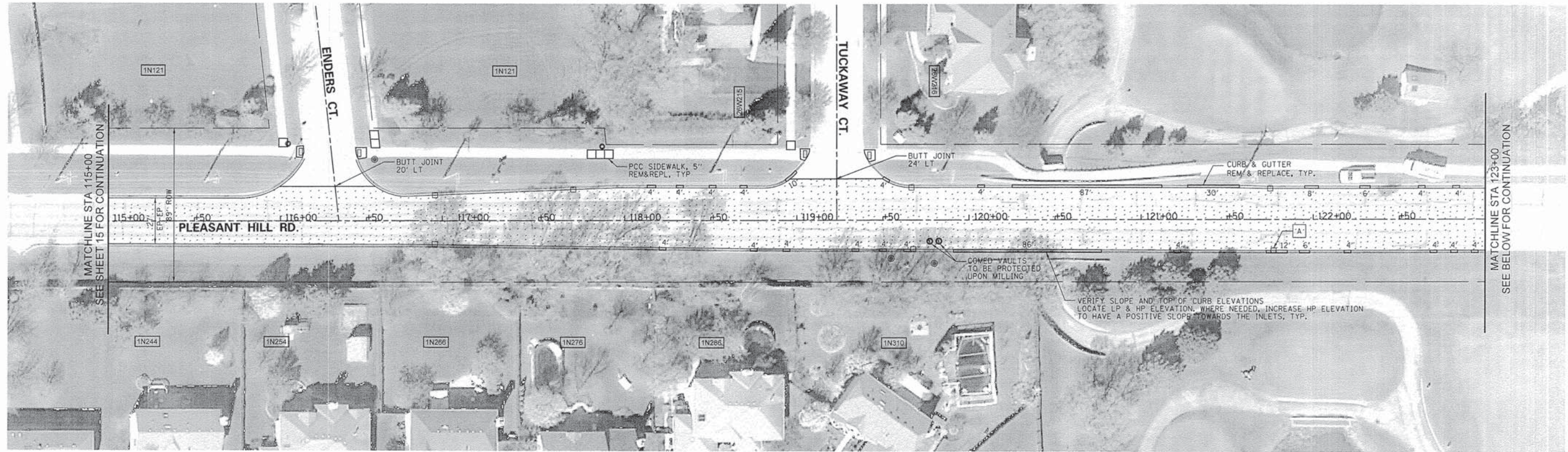
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLEASANT HILL ROAD PLAN**

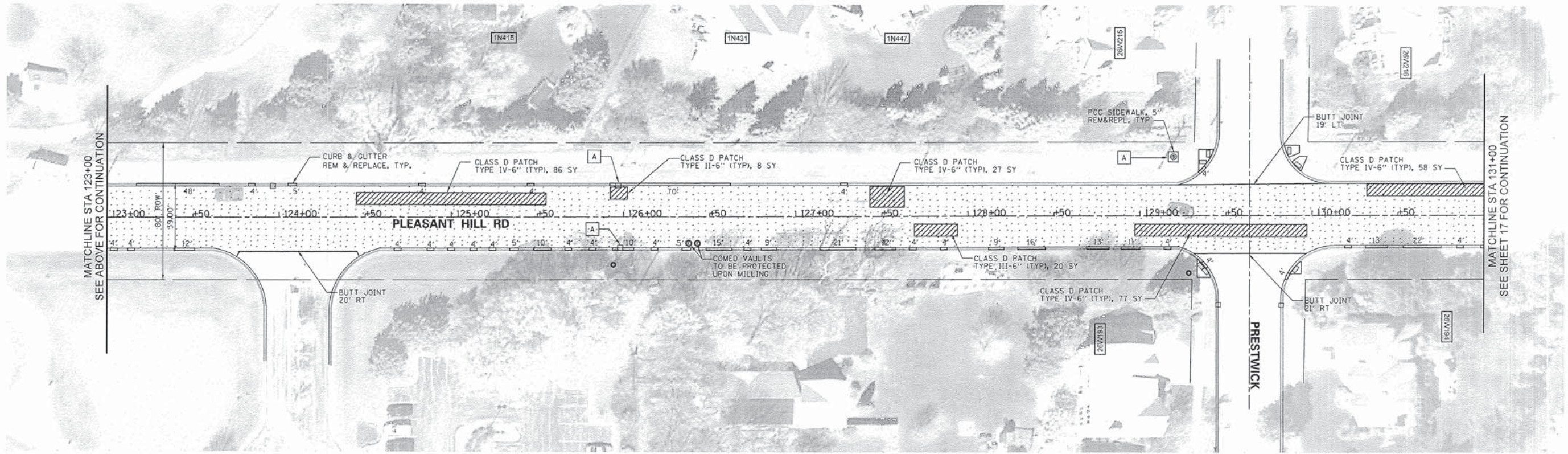
SCALE: 1"=30' SHEET 15 OF 43 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3804	13-00049-00-RS	DUPAGE	43	15
CONTRACT NO. 61A37			ILLINOIS FED. AID PROJECT	





**LEGEND**  
 [Pattern] - 4" HMA SURFACE REMOVAL



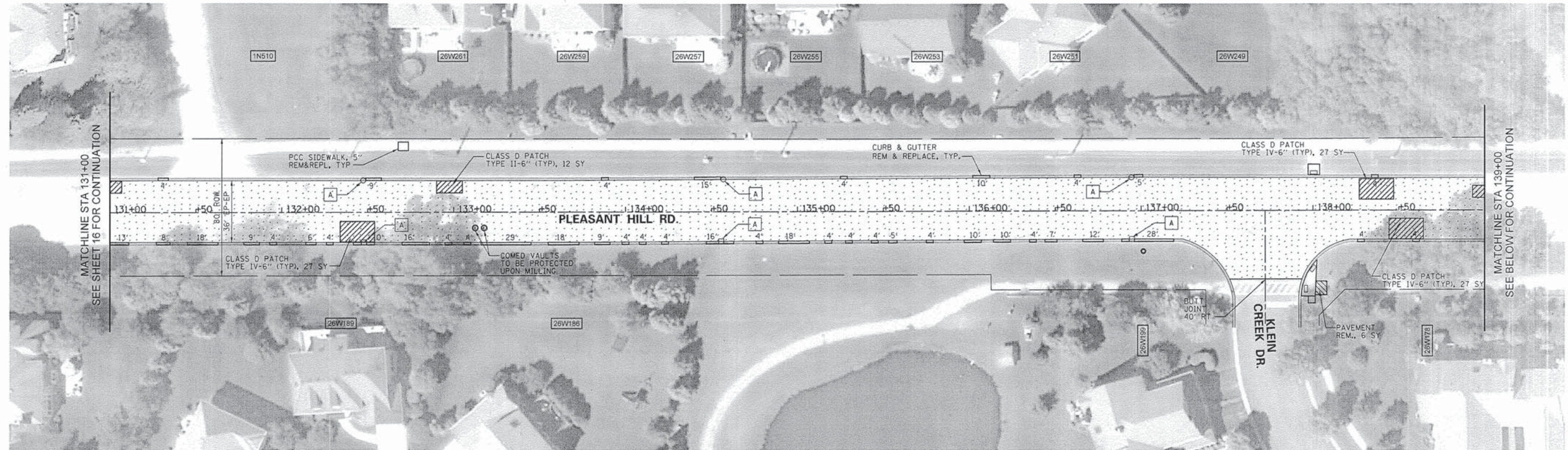
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N:\dgn\WF\WF601_2014Streets\sheet\WF601_16PleasantHillRoadPlan02.dgn		DRAWN -	REVISED -
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#MODELNAME#	PLOT DATE = 3/12/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

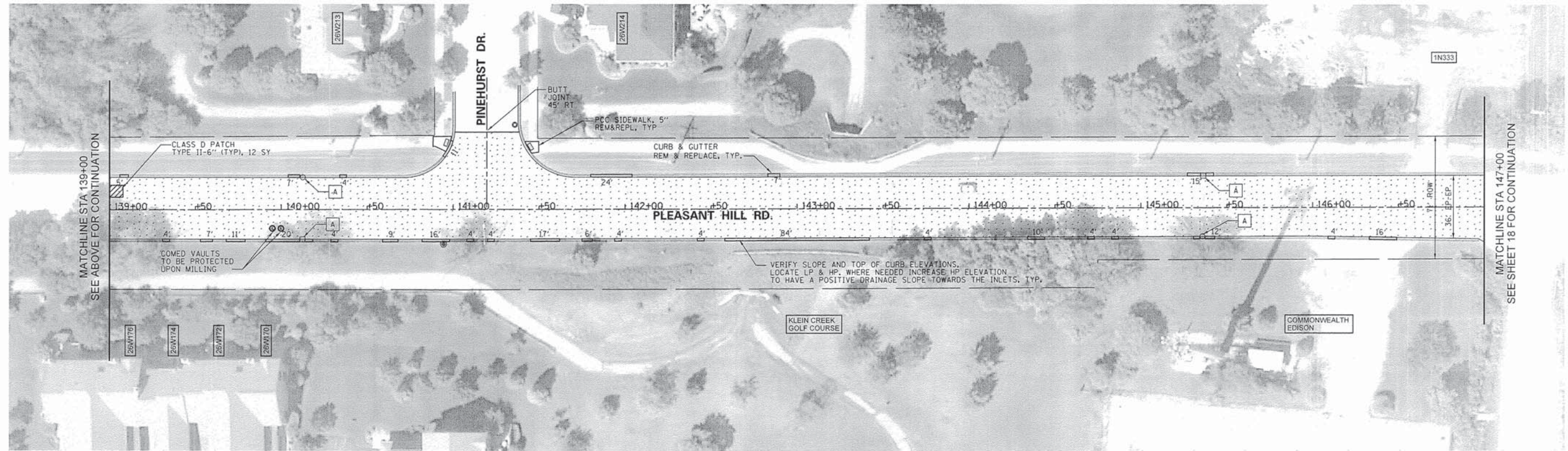
SCALE: 1"=30' SHEET 16 OF 43 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3807 2535	13-00049-00-RS	DUPAGE	43	16
CONTRACT NO. 61A37			[ILLINOIS] FED. AID PROJECT	



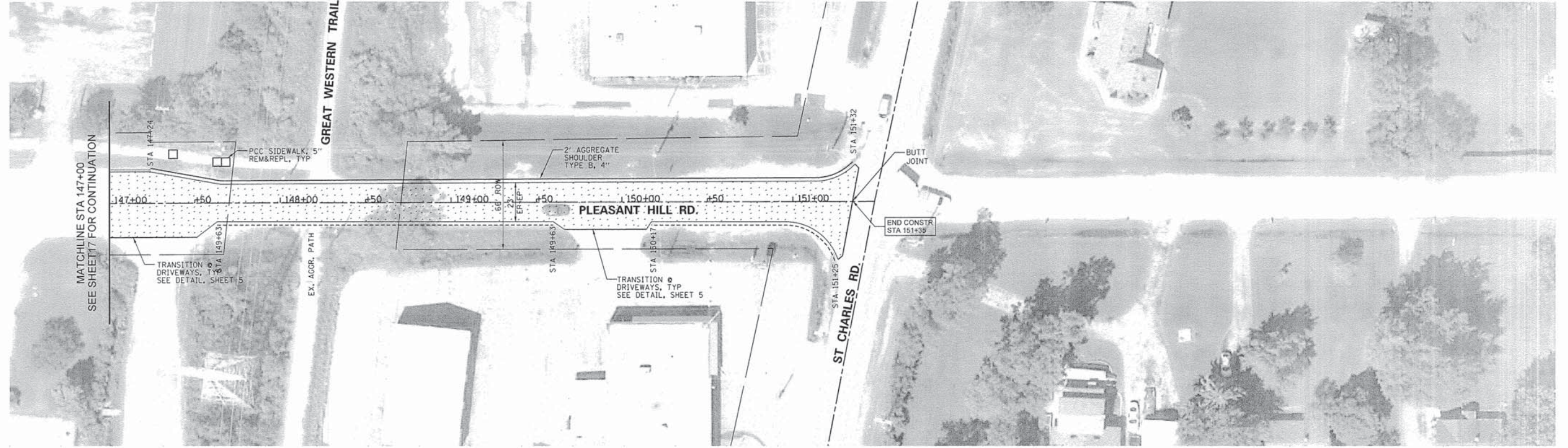
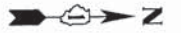


**LEGEND**  
 [Pattern] - 4" HMA SURFACE REMOVAL



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PLOT SCALE = 30.00 ft / IN.	PLOT DATE = 3/12/2014	DRAWN -	REVISED -			SCALE: 1"=30'	SHEET 17 OF 43 SHEETS STA.	CONTRACT NO. 61A37		[ILLINOIS] FED. AID PROJECT	
		CHECKED -	REVISED -			TO STA.					
		DATE -	REVISED -								



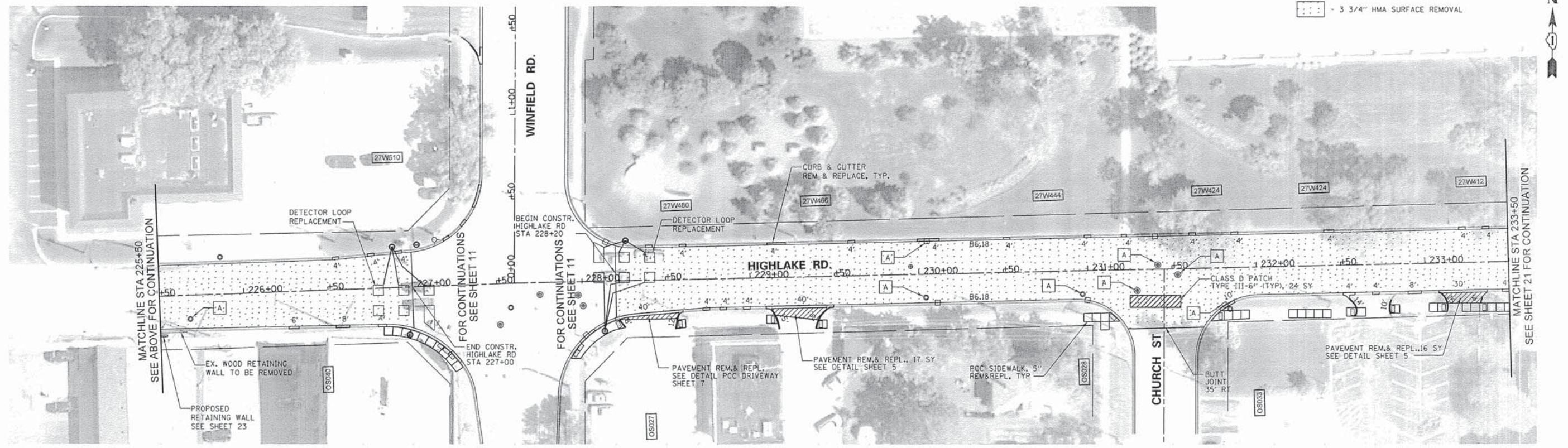


**LEGEND**  
 - 4" HMA SURFACE REMOVAL

FILE NAME =	USER NAME = _USER_	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLEASANT HILL ROAD PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\dgn\WF\WF601.20145\streets\sheet\WF601.18P\pleasantHillRoadPlan04.dgn		DRAWN -	REVISED -			3897	13-00049-00-RS	DUPAGE	43	18	
		CHECKED -	REVISED -			CONTRACT NO. 61A37					
#MODELNAME#	PLOT DATE = 3/12/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1"=30'    SHEET 18 OF 43 SHEETS    STA.    TO STA.





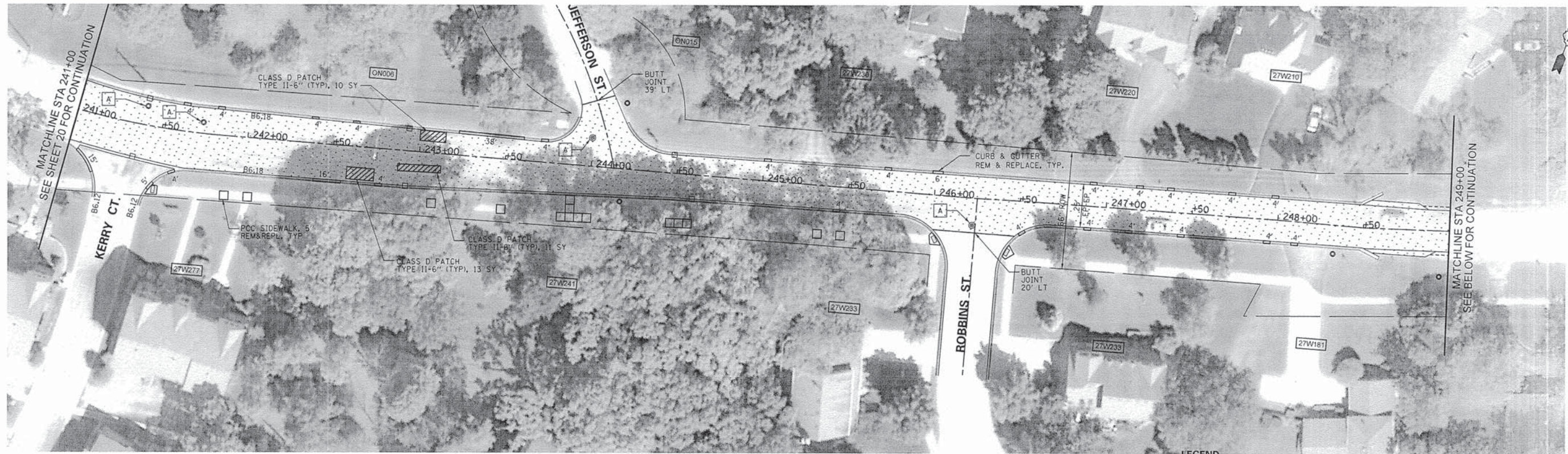
**LEGEND**  
 [Dotted pattern] - 3 3/4" HMA SURFACE REMOVAL

FILE NAME *	USER NAME = .USER.	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HIGHLAKE ROAD PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\dgn\WF\WF60L_2014Streets\sheet\WF60L_19HighlakeRoadPlan01.dgn		DRAWN -	REVISED -			2843	13-00049-00-RS	DUPAGE	43	19	
PLOT SCALE = 30.00 ft / 1IN.		CHECKED -	REVISED -			SCALE: 1"=30'		SHEET 19 OF 43 SHEETS		STA. TO STA.	
PLOT DATE = 3/12/2014		DATE -	REVISED -			CONTRACT NO. 61A37					
ILLINOIS FED. AID PROJECT											

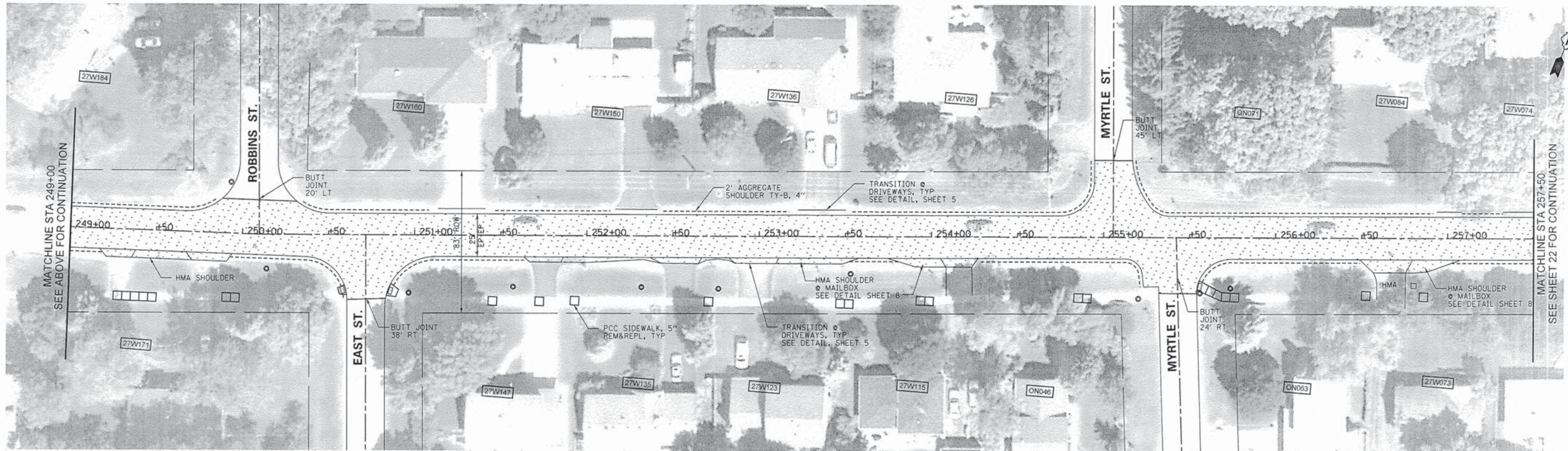








**LEGEND**  
 [Pattern] - 3 3/4" HMA SURFACE REMOVAL



FILE NAME = N:\dgn\WF\WF601_2014Streets\sheet\WF601_21JewelRoadPlan01.dgn	USER NAME = .USER.	DESIGNED -	REVISED -
PLOT SCALE = 30.00 FT / IN.	PLOT DATE = 3/12/2014	DRAWN -	REVISED -
#MODELNAME#		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**JEWEL ROAD PLAN**

SCALE: 1"=30' SHEET 21 OF 43 SHEETS STA. TO STA.

F.A.U. RTE. 3807 2533	SECTION 13-00049-00-RS	COUNTY DUPAGE	TOTAL SHEETS 43	SHEET NO. 21
CONTRACT NO. 61A37				
[ILLINOIS] FED. AID PROJECT				





**LEGEND**  
  - 3 3/4" HMA SURFACE REMOVAL

FILE NAME *	USER NAME = .USER.	DESIGNED -	REVISED -
N:\dgn\WF\WF601.2014\streets\sheets\WF601.22JewelRoadPlan02.dgn		DRAWN -	REVISED -
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#MODELNAME#	PLOT DATE = 3/18/2014	DATE -	REVISED -

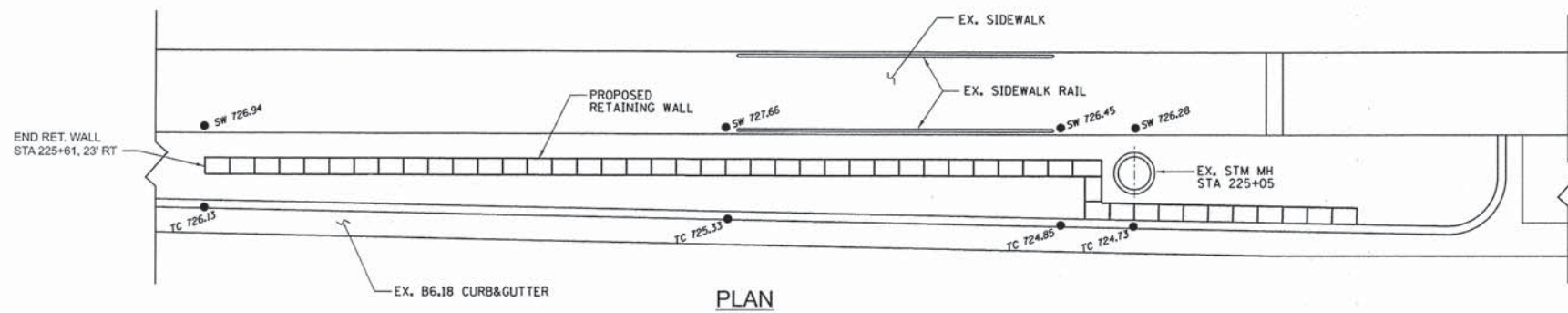
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JEWEL ROAD PLAN**

SCALE: 1"=30' SHEET 22 OF 43 SHEETS STA. TO STA.

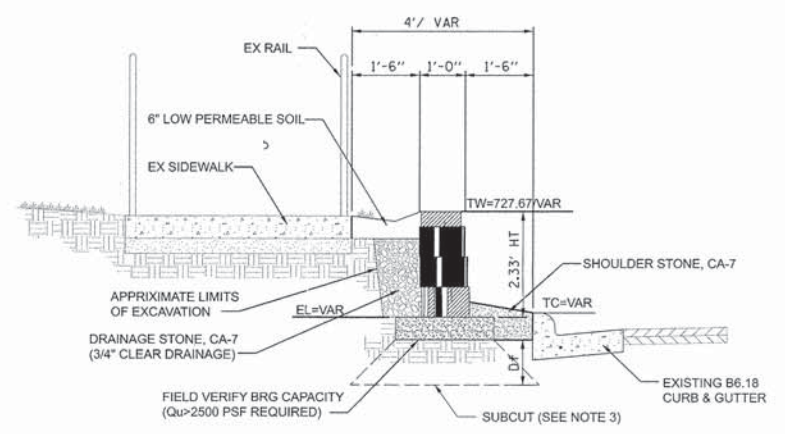
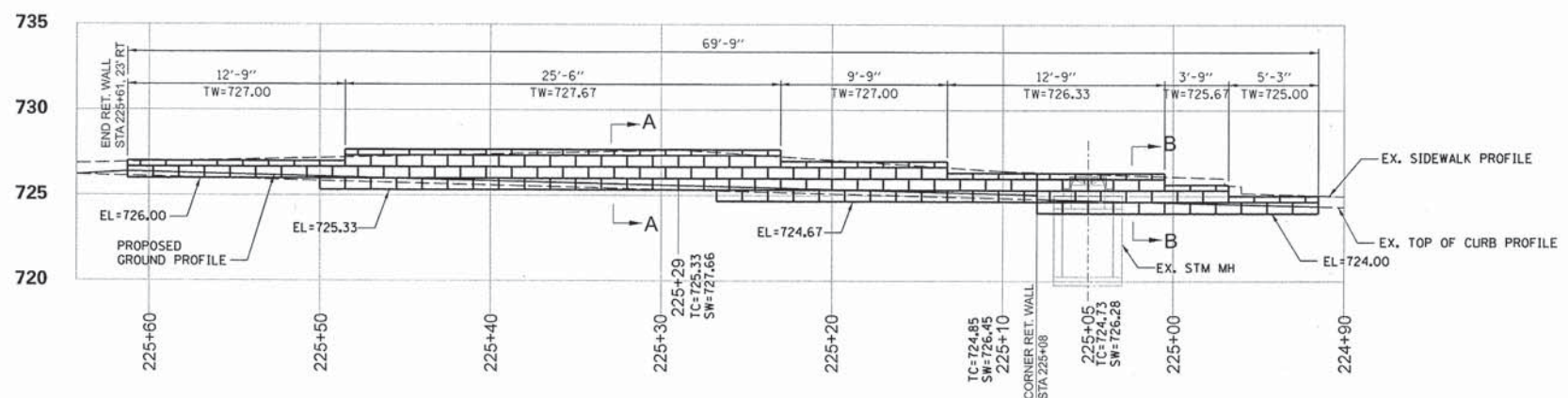
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3801 2543	13-00049-00-R5	DUPAGE	43	22
				CONTRACT NO. 61A37
ILLINOIS FED. AID PROJECT				





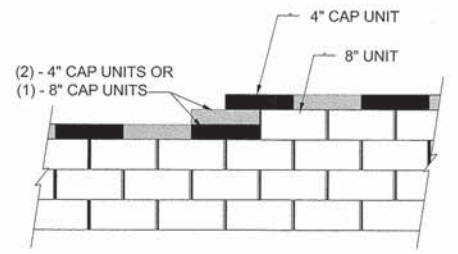
NOTES SEGMENTAL PRECAST BLOCK WALL SPECIFICATIONS:

1. THE SECTION SHOWN REPRESENTS TYPICAL WALL SECTIONS (MAX. HEIGHT) CONSTRUCTION FOR THE SEGMENTAL PRECAST BLOCK WALL (8" UNITS).
2. SEE MANUFACTURER INFORMATION FOR ADDITIONAL DETAIL ON THE SEGMENTAL PRECAST BLOCK WALL.
3. SUB CUT TO DEPTH "D" AS REQUIRED AND REPLACE WITH SUITABLE COMPACTED STRUCTURAL FILL TO ACHIEVE THE REQUIRED BEARING CAPACITY AS DIRECTED BY SITE GEOTECHNICAL ENGINEER. THE STRUCTURAL FILL IS TO BE COMPACTED TO A MINIMUM 95% STANDARD PROCTER DENSITY.
4. APPROXIMATE LIMITS OF EXCAVATION VARIES WHEN SUBCUT IS REQUIRED.
5. COORDINATE WITH ENGINEER TO VERIFY LOCATION AND BLOCK COLOR.



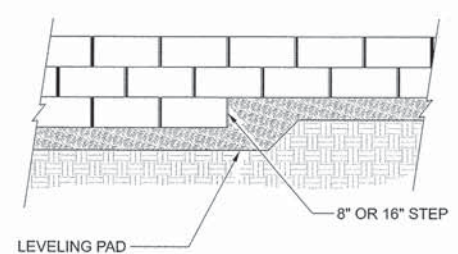
ELEVATION RETAINING WALL (FACE)

SECTION A-A TYPICAL



NOTE:  
1. SECURE ALL CAP UNITS

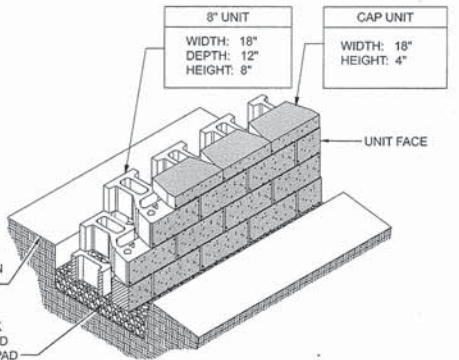
TOP OF WALL STEPS



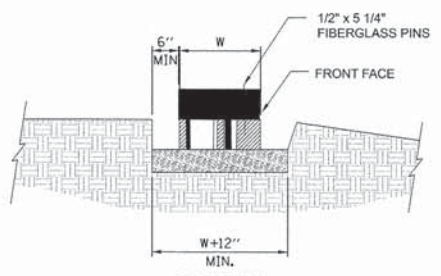
ELEVATION

BASE LEVELING PAD NOTES:

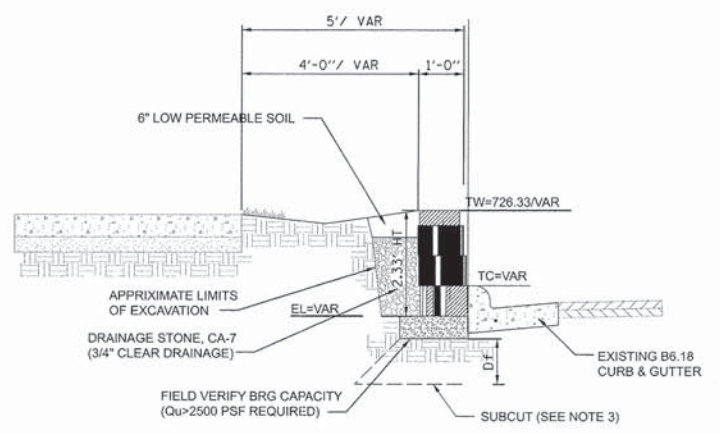
1. THE LEVELING PAD IS TO BE CONSTRUCTED OF CRUSHED STONE.
2. THE BASE FOUNDATION IS TO BE APPROVED BY THE SITE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF THE LEVELING PAD.



BASE PAD ISOMETRIC SECTION VIEW



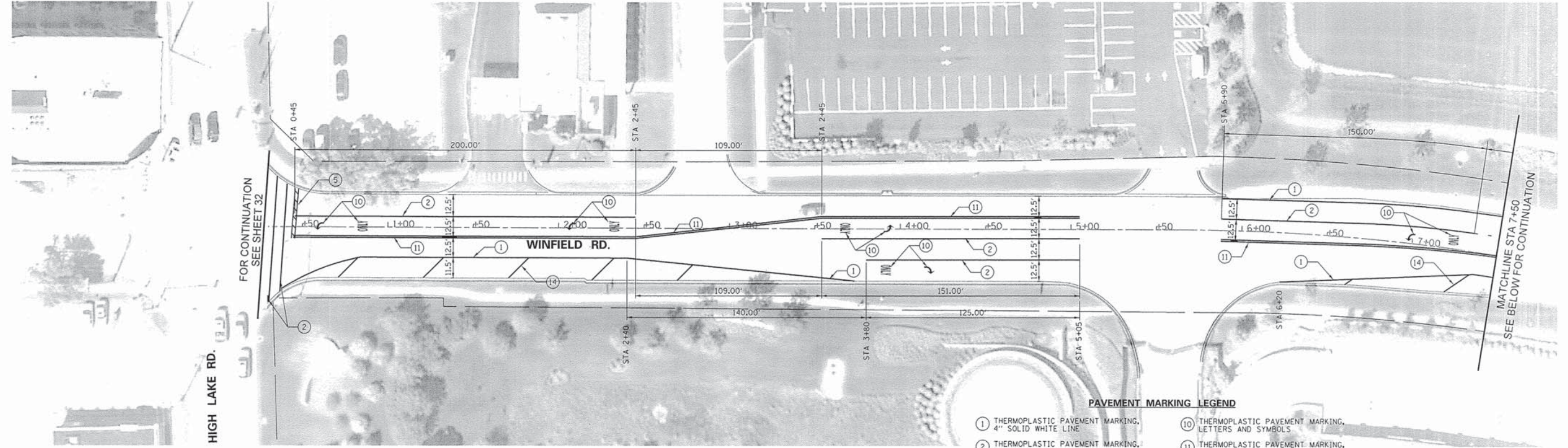
SECTION LEVELING PAD DETAIL



SECTION B-B TYPICAL

FILE NAME =	USER NAME = .USER.	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RETAINING WALL</b>	F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\dgn\WF\WF601.2014\streets\sheet\WF601.23RetainingWallPlan.dgn		DRAWN -	REVISED -			304	13-00049-00-RS	DUPAGE	43	23	
PLOT SCALE = 10.00 ft / IN.		CHECKED -	REVISED -			CONTRACT NO. 61A37					
PLOT DATE = 4/15/2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
#MODELNAME#				SCALE:	SHEET 23 OF 43 SHEETS	STA.	TO STA.				





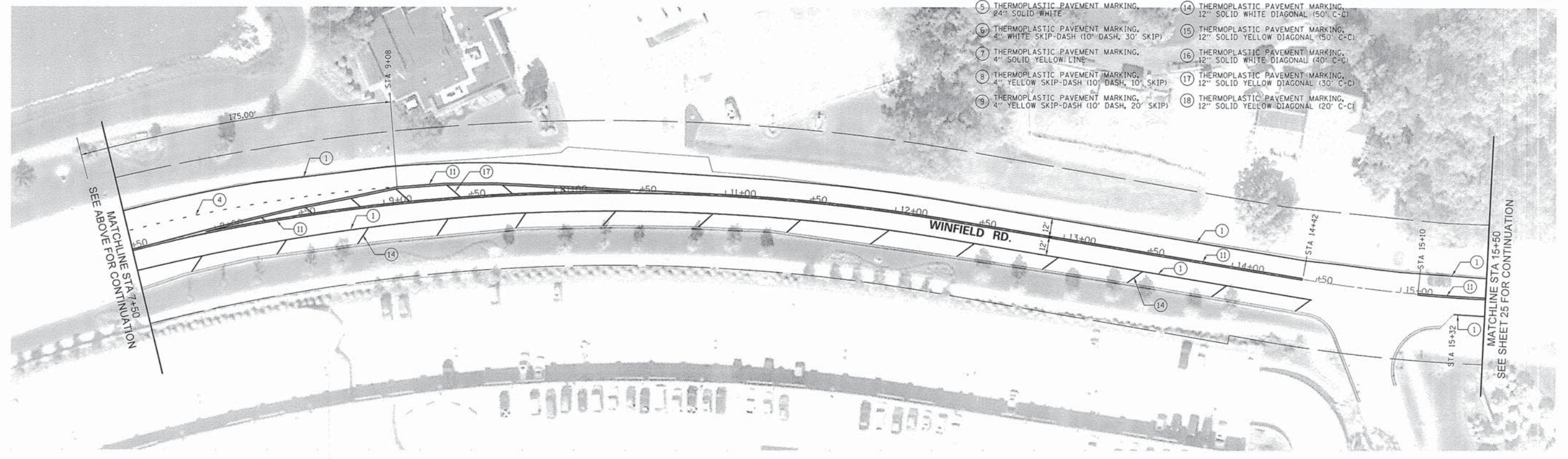
HIGH LAKE RD.

FOR CONTINUATION  
SEE SHEET 32

MATCHLINE STA 7+50  
SEE BELOW FOR CONTINUATION

**PAVEMENT MARKING LEGEND**

- |  |   |
|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE                      | ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS                 |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE                      | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW (11" C-C)          |
| ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE                     | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75' C-C) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2" DASH, 6" SKIP)    | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75' C-C)  |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE                          | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50' C-C)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10" DASH, 30" SKIP)  | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50' C-C) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE                     | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40' C-C)  |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10" DASH, 10" SKIP) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30' C-C) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10" DASH, 20" SKIP) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20' C-C) |

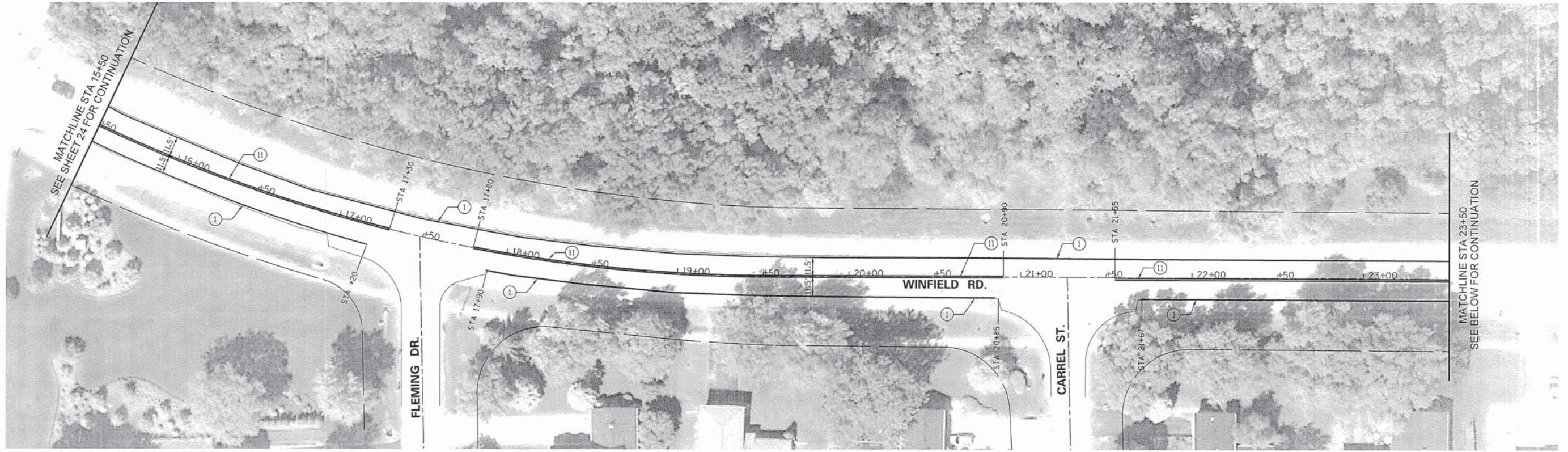


SEE ABOVE FOR CONTINUATION  
MATCHLINE STA 7+50

MATCHLINE STA 15+50  
SEE SHEET 25 FOR CONTINUATION

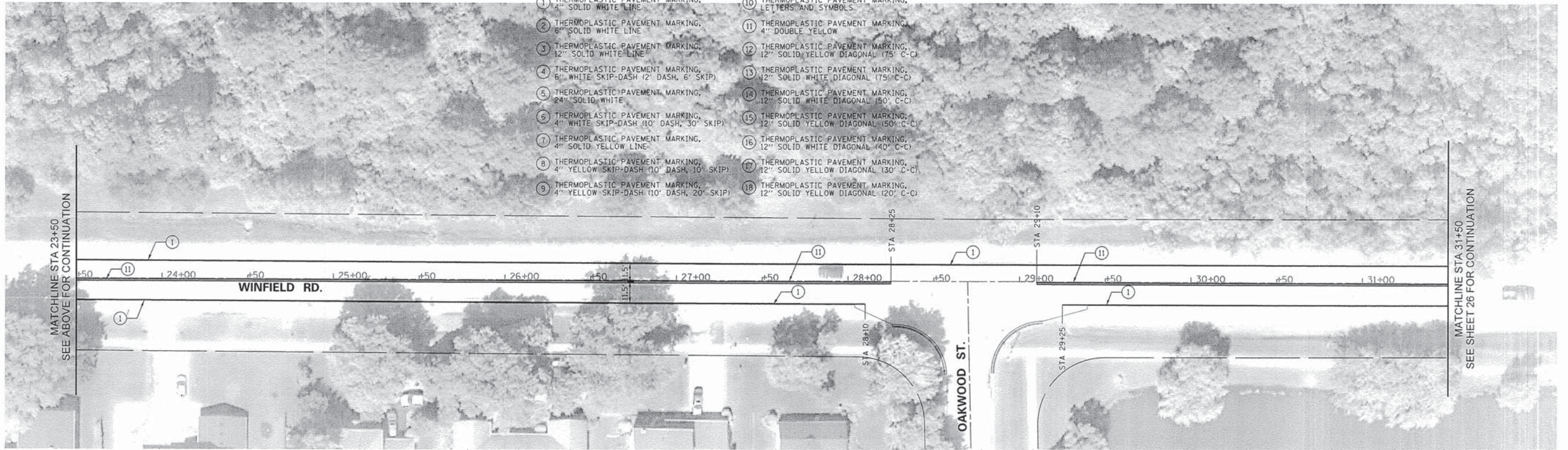
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PLOT SCALE = 30.00 Ft / IN.	PLOT DATE = 3/12/2014	DRAWN -	REVISED -			SCALE: 1"=30'	SHEET 24 OF 43 SHEETS	STA.	TO STA.	CONTRACT NO. 61A37		
		CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
#MODELNAME#		DATE -	REVISED -									





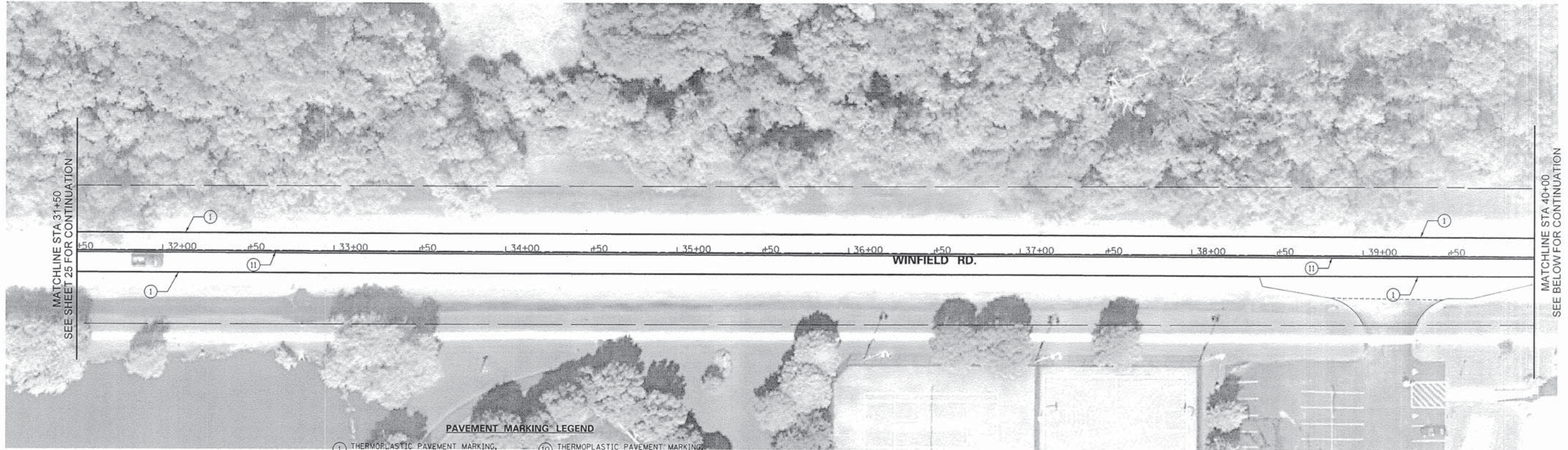
**PAVEMENT MARKING LEGEND**

- |  |   |
|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE                      | ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS                 |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE                      | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW                    |
| ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE                     | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75' C-C) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2' DASH, 6' SKIP)    | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75' C-C)  |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE                          | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50' C-C)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)  | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50' C-C) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE                     | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40' C-C)  |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10' SKIP) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30' C-C) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20' SKIP) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20' C-C) |



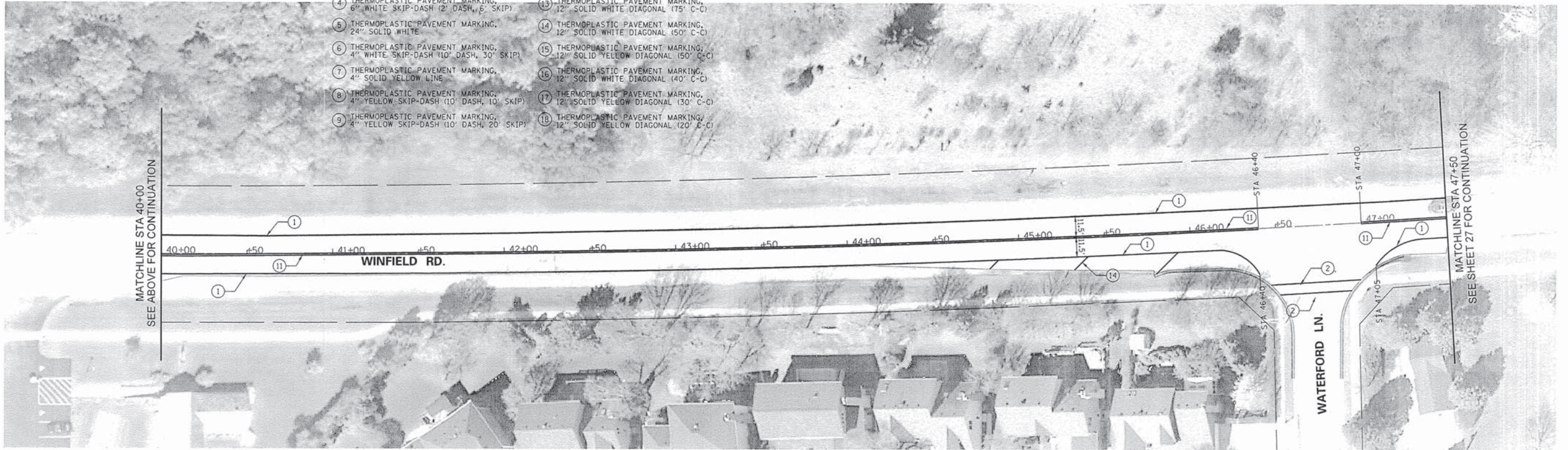
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N:\dgn\WF\WF601.2014\streets\sheets\WF601.25\WinfieldRoadStripingPlan@2.dgn	PLOT SCALE = 30.00 Ft / IN.	DRAWN -	REVISED -			3807	13-00049-00-RS	DUPAGE	43	25	
#MODELNAME#	PLOT DATE = 3/12/2014	CHECKED -	REVISED -			SCALE: 1"=30' SHEET 25 OF 43 SHEETS STA. TO STA.					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 61A37					





**PAVEMENT MARKING LEGEND**

- |  |   |
|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE                      | ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS                 |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE                      | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW                    |
| ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE                     | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75° C-C) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2' DASH, 6' SKIP)    | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75° C-C)  |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE                          | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50° C-C)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)  | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50° C-C) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE                     | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40° C-C)  |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10' SKIP) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30° C-C) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20' SKIP) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20° C-C) |



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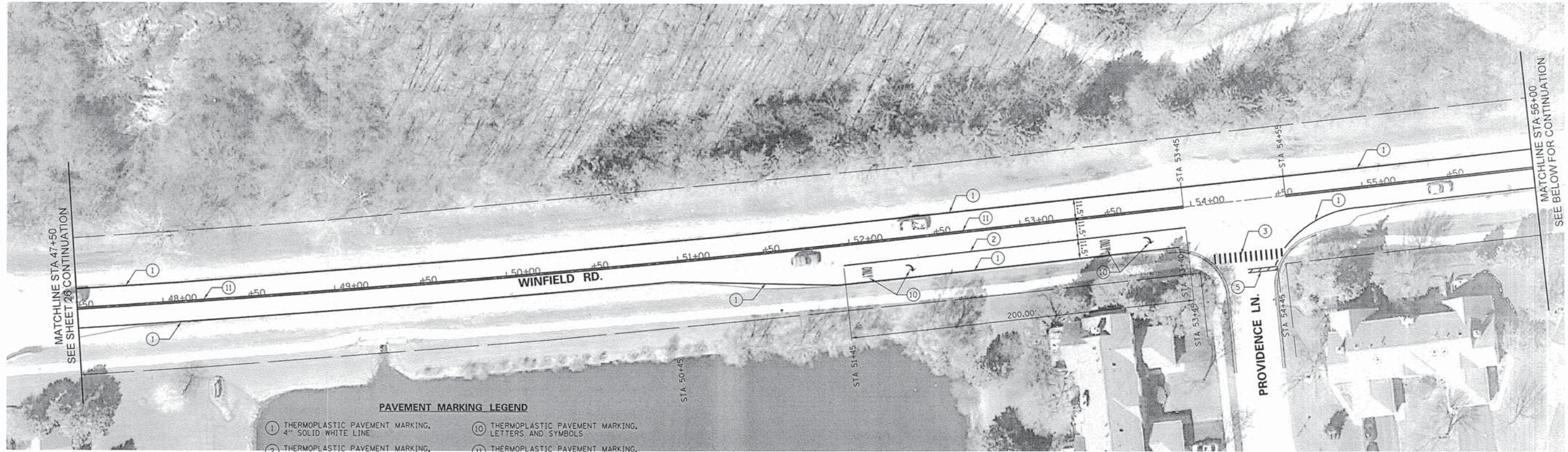
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINFIELD ROAD  
STRIPING PLAN**

SCALE: 1"=30' SHEET 26 OF 43 SHEETS STA. TO STA.

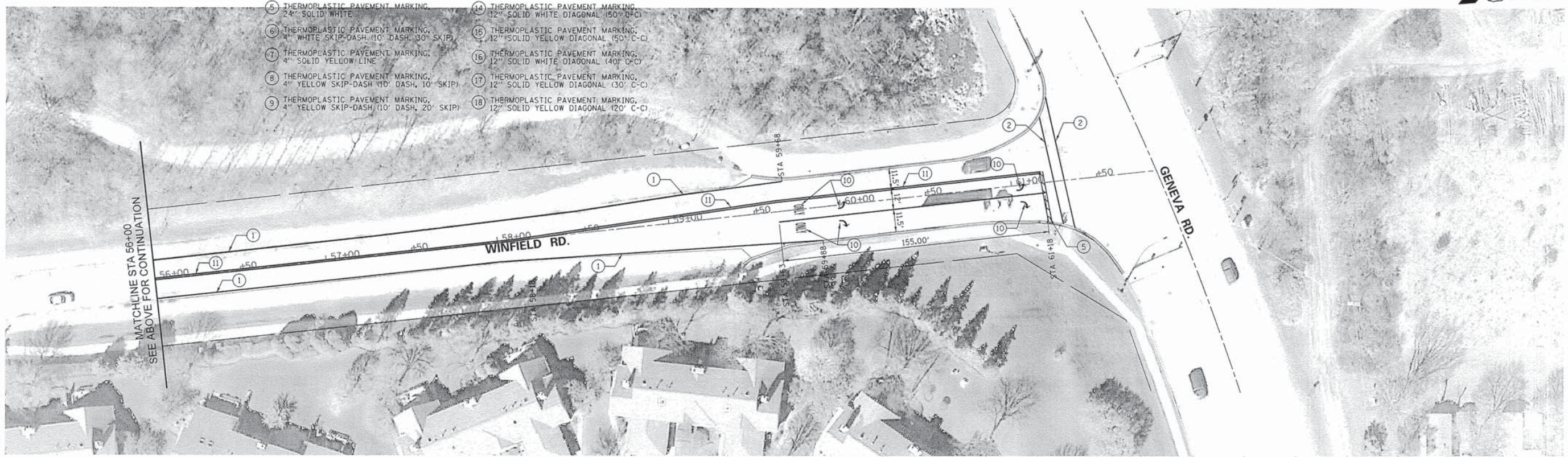
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			43	26
CONTRACT NO. 61A37				
ILLINOIS FED. AID PROJECT				





**PAVEMENT MARKING LEGEND**

- |  |   |
|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE                      | ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS                 |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE                      | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW                    |
| ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE                     | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75' C-C) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2' DASH, 6" SKIP)    | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75' C-C)  |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE                          | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50' C-C)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30" SKIP)  | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50' C-C) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE                     | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40' C-C)  |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10" SKIP) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30' C-C) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20" SKIP) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20' C-C) |



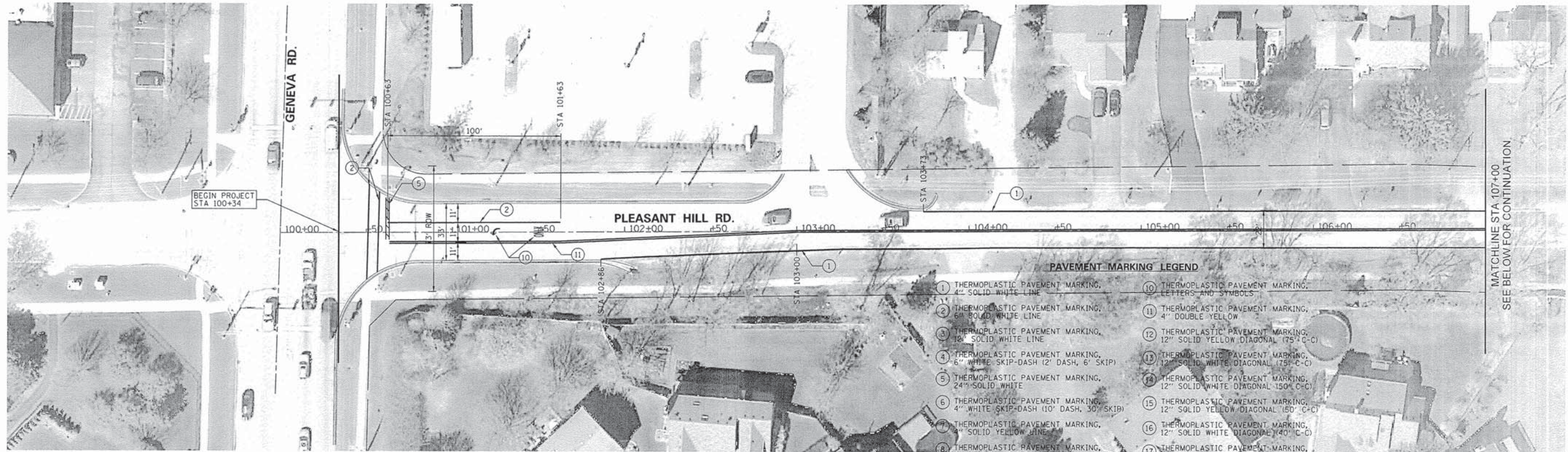
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PLOT SCALE = 30.00 ft / IN.		CHECKED -	REVISED -
PLOT DATE = 3/12/2014		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINFIELD ROAD STRIPING PLAN**  
SCALE: 1"=30' SHEET 27 OF 43 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3807 2583	13-00049-00-RS	DUPAGE	43	27
CONTRACT NO. 61A37				
[ILLINOIS] FED. AID PROJECT				

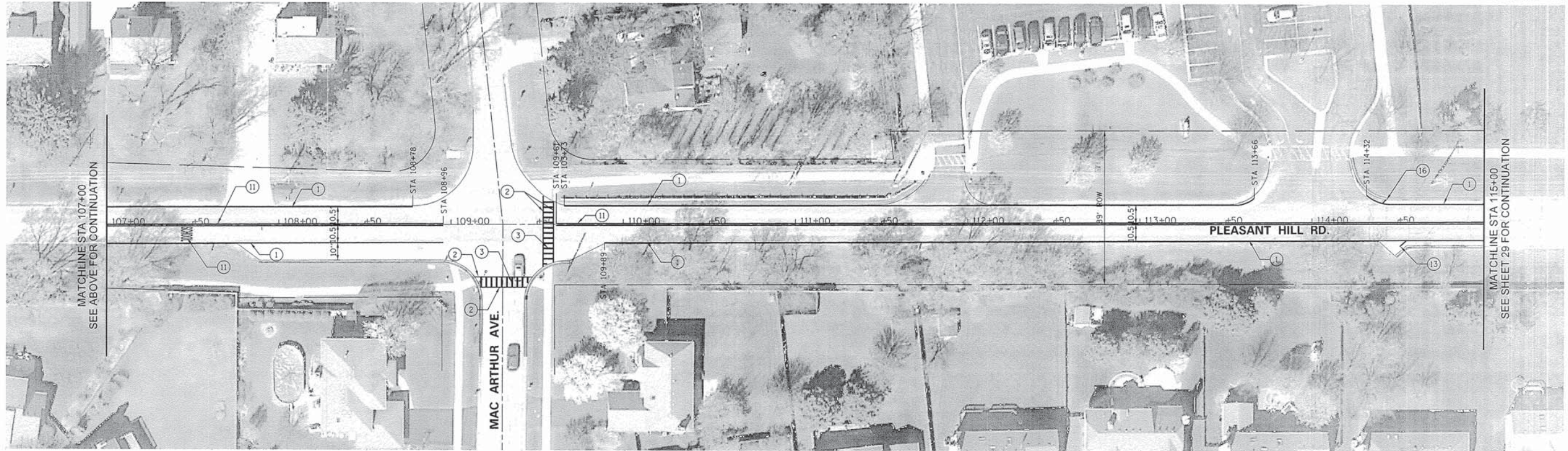




**PAVEMENT MARKING LEGEND**

- |  |   |
|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE                      | ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS                 |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE                      | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW                    |
| ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE                     | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75' C-C) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2' DASH, 6' SKIP)    | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75' C-C)  |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE                          | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50' C-C)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)  | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50' C-C) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE                     | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40' C-C)  |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10' SKIP) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30' C-C) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20' SKIP) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20' C-C) |

MATCHLINE STA 107+00  
SEE BELOW FOR CONTINUATION



MATCHLINE STA 107+00  
SEE ABOVE FOR CONTINUATION

MATCHLINE STA 115+00  
SEE SHEET 29 FOR CONTINUATION

FILE NAME *	USER NAME = _USER_	DESIGNED -	REVISED -
N:\dgn\WF\WF601.20145\roads\sheets\WF601.28\PleasantHillRoadStriping01.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
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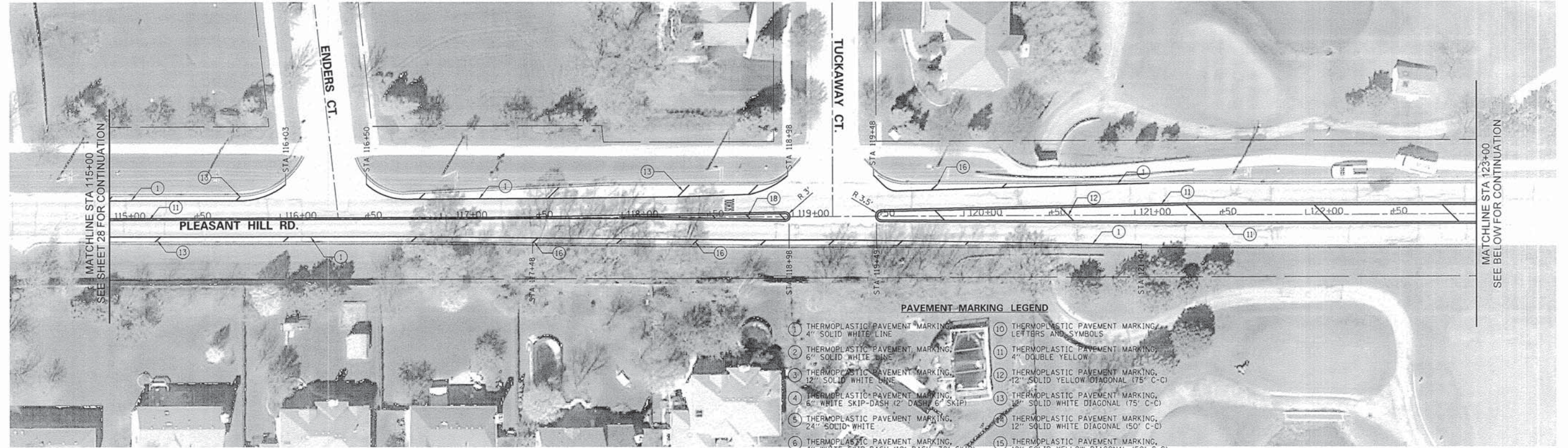
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLEASANT HILL ROAD  
STRIPING PLAN**

SCALE: 1"=30' SHEET 28 OF 43 SHEETS STA. TO STA.

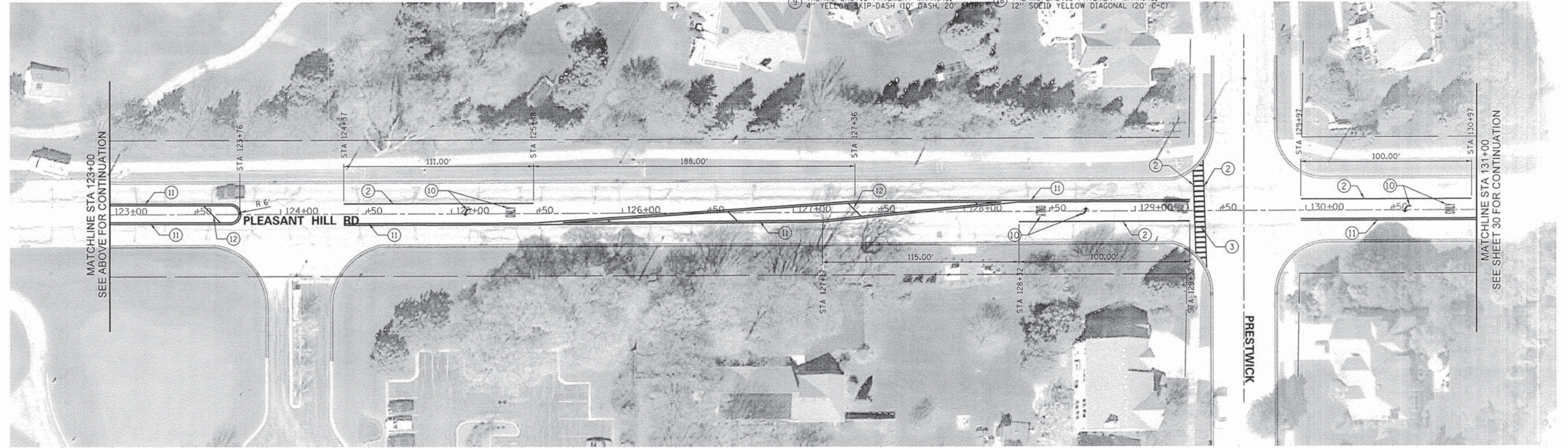
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CONTRACT NO. 61A37			ILLINOIS FED. AID PROJECT	





**PAVEMENT-MARKING LEGEND**

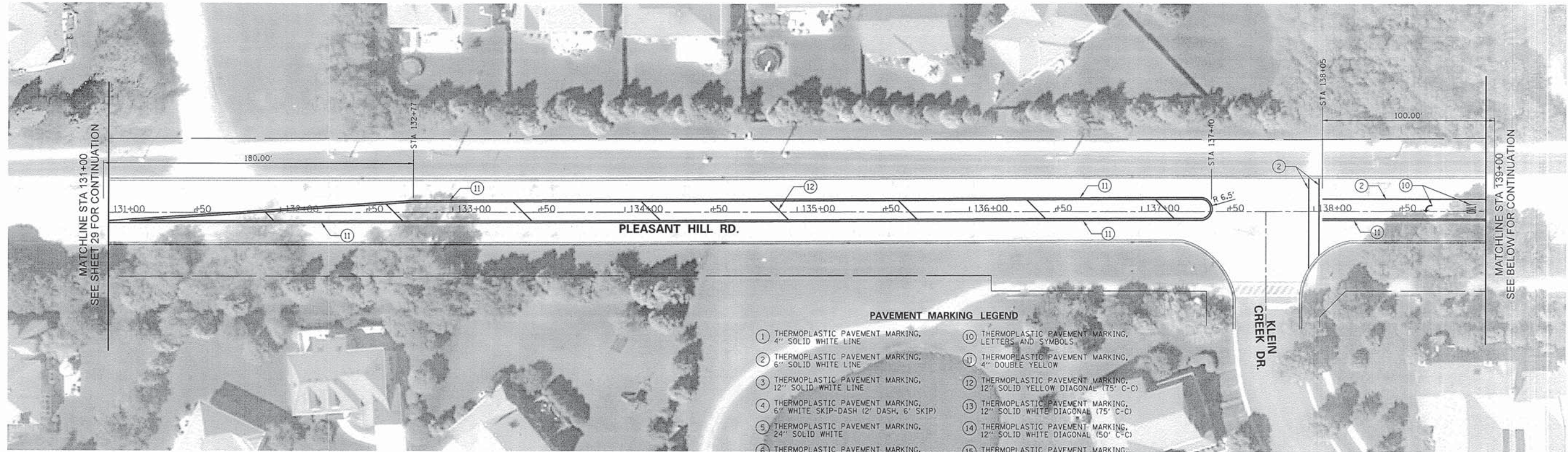
1 THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE	10 THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS
2 THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE	11 THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW
3 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE	12 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75° C-C)
4 THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2" DASH, 6" SKIP)	13 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75° C-C)
5 THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE	14 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50° C-C)
6 THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)	15 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50° C-C)
7 THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE	16 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40° C-C)
8 THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10' SKIP)	17 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30° C-C)
9 THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20' SKIP)	18 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20° C-C)



FILE NAME =	USER NAME = _USER_	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLEASANT HILL ROAD STRIPING PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 30.00 ft / IN.		CHECKED -	REVISED -			CONTRACT NO. 61A37				
PLOT DATE = 3/12/2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

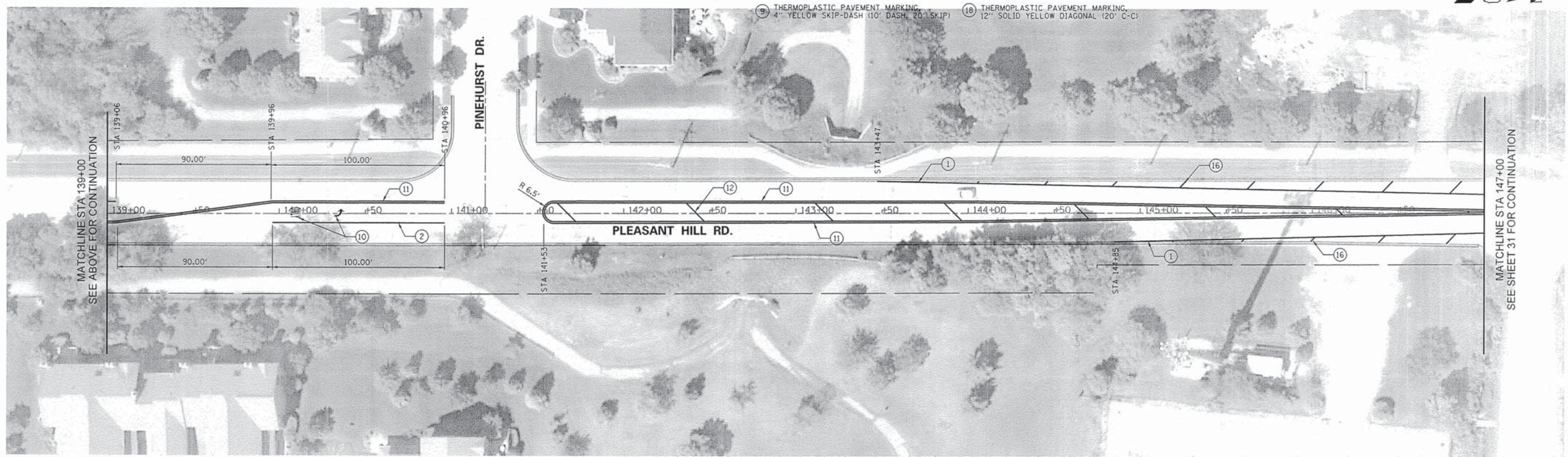
SCALE: 1"=30' SHEET 29 OF 88 SHEETS STA. TO STA.





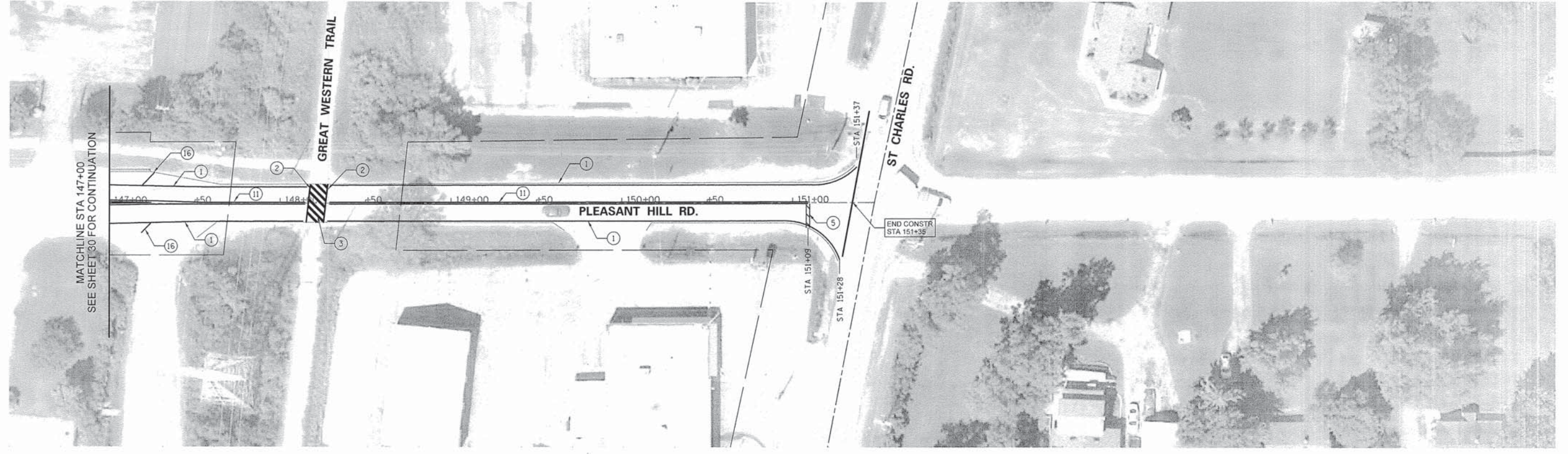
**PAVEMENT MARKING LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE
- ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE
- ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE
- ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2' DASH, 6' SKIP)
- ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE
- ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)
- ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE
- ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10' SKIP)
- ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20' SKIP)
- ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS
- ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW
- ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75° C-C)
- ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75° C-C)
- ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50° C-C)
- ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50° C-C)
- ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40° C-C)
- ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30° C-C)
- ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20° C-C)



FILE NAME =	USER NAME = .USER.	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLEASANT HILL ROAD STRIPING PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -			2543					CONTRACT NO. 61A37
#MODELNAME#	PLOT DATE = 3/12/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE: 1"=30'						SHEET 30 OF 43 SHEETS STA. TO STA.					





**PAVEMENT MARKING LEGEND**

- |  |   |
|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE                      | ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS                 |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE                      | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW                    |
| ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE                     | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75' C-C) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2' DASH, 6' SKIP)    | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75' C-C)  |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE                          | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50' C-C)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)  | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50' C-C) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE                     | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40' C-C)  |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10' SKIP) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30' C-C) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20' SKIP) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20' C-C) |

FILE NAME = N:\dgn\WF\WF601.2014Streets\sheets\WF601.31PleasantHillRoadStriping04.dgn	USER NAME = .USER.	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
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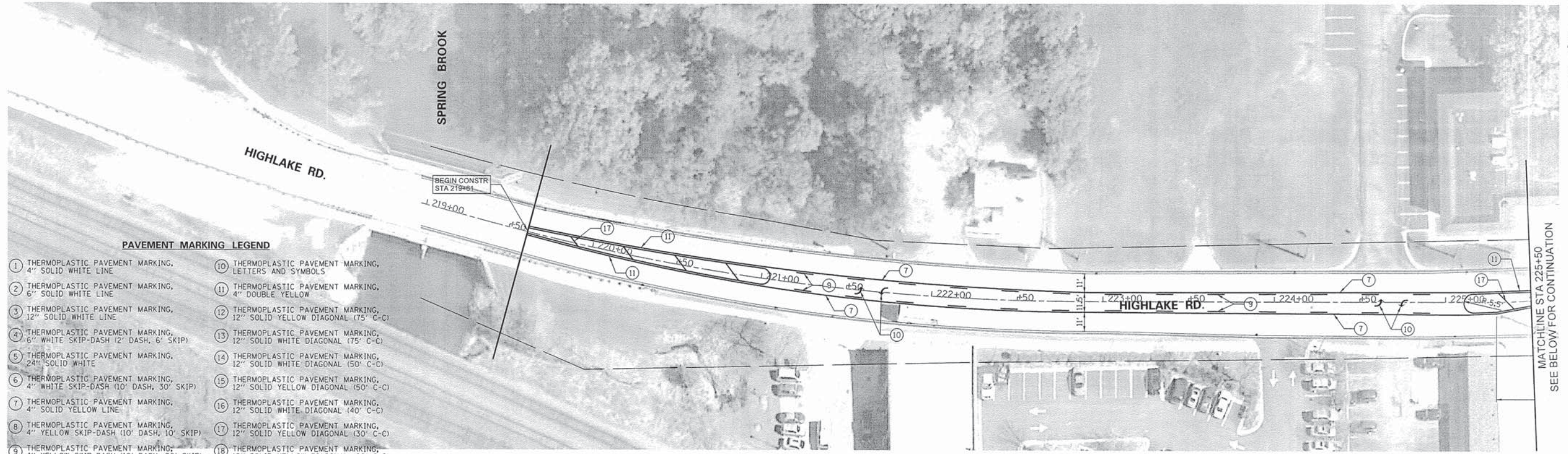
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLEASANT HILL ROAD  
STRIPING PLAN**

SCALE: 1"=30'    SHEET 31 OF 43 SHEETS    STA.    TO STA.

F.A.U. RTE. 3807 2543	SECTION 13-00049-00-RS	COUNTY DUPAGE	TOTAL SHEETS 43	SHEET NO. 31
CONTRACT NO. 61A37				
ILLINOIS FED. AID PROJECT				

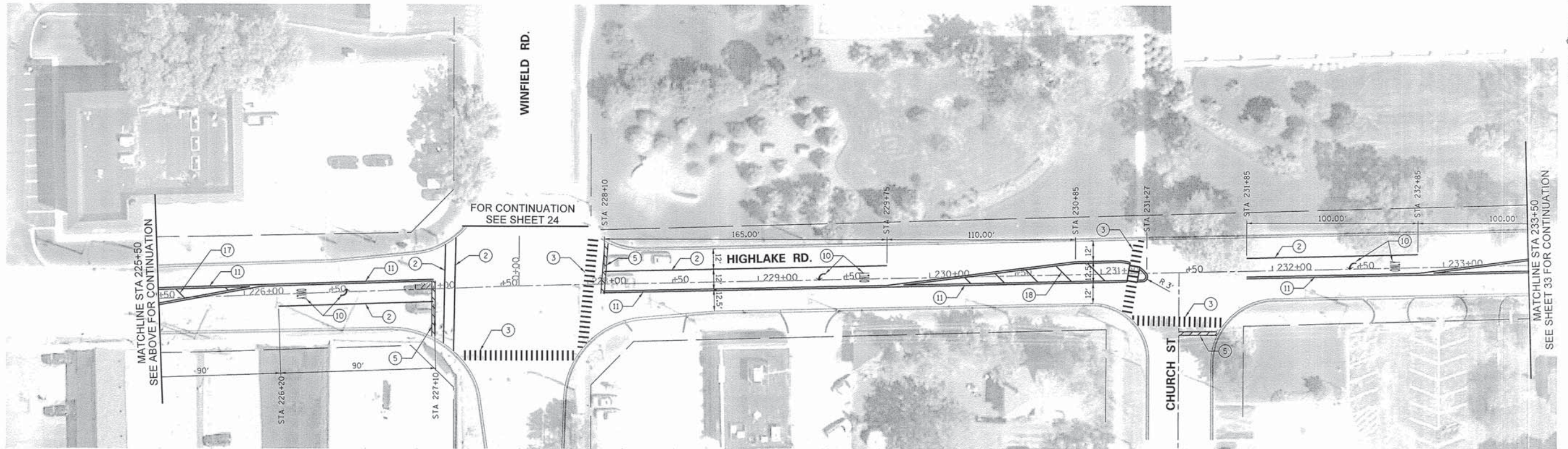




**PAVEMENT MARKING LEGEND**

- |  |   |
|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE                      | ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS                 |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE                      | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW                    |
| ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE                     | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75° C-C) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2' DASH, 6' SKIP)    | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75° C-C)  |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE                          | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50° C-C)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)  | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50° C-C) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE                     | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40° C-C)  |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10' SKIP) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30° C-C) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20' SKIP) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20° C-C) |

MATCHLINE STA 225+50  
SEE BELOW FOR CONTINUATION



MATCHLINE STA 225+50  
SEE ABOVE FOR CONTINUATION

FOR CONTINUATION  
SEE SHEET 24

MATCHLINE STA 233+50  
SEE SHEET 33 FOR CONTINUATION

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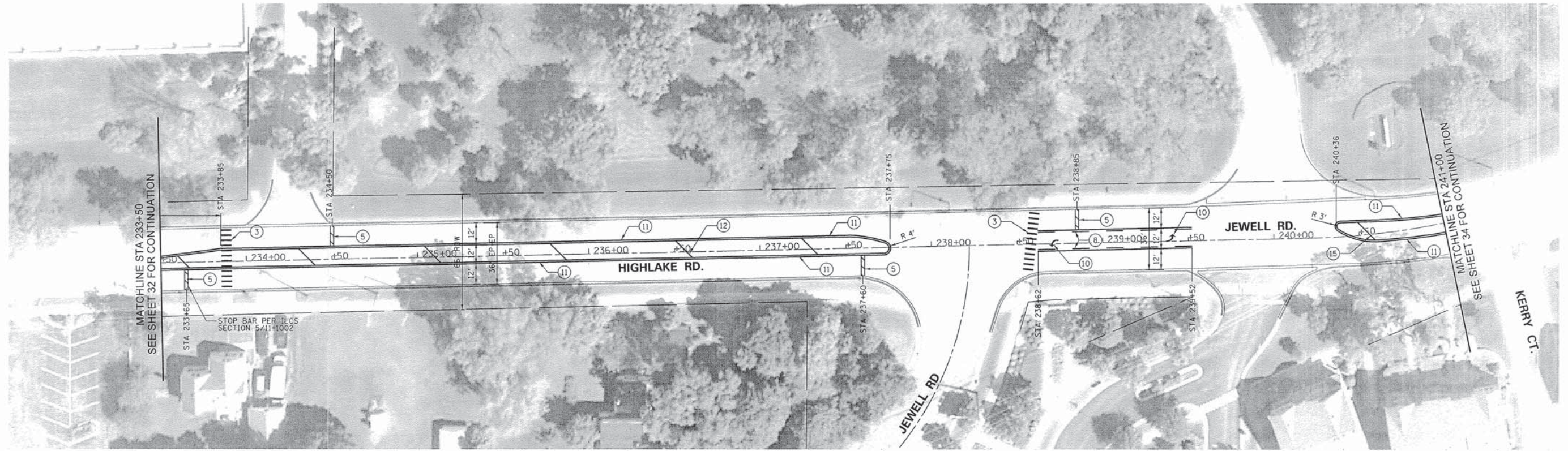
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HIGHLAKE ROAD  
STRIPING PLAN**

SCALE: 1"=30' SHEET 32 OF 43 SHEETS STA. TO STA.

F.A.U. RTE. 3807 2533	SECTION 13-00049-00-R5	COUNTY DUPAGE	TOTAL SHEETS 43	SHEET NO. 32
				CONTRACT NO. 61A37
ILLINOIS FED. AID PROJECT				





**PAVEMENT MARKING LEGEND**

- |  |   |
|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE                      | ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS                 |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE                      | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW                    |
| ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE                     | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75' C-C) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2' DASH, 6" SKIP)    | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75' C-C)  |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE                          | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50' C-C)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)  | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50' C-C) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE                     | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40' C-C)  |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10' SKIP) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30' C-C) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20' SKIP) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20' C-C) |

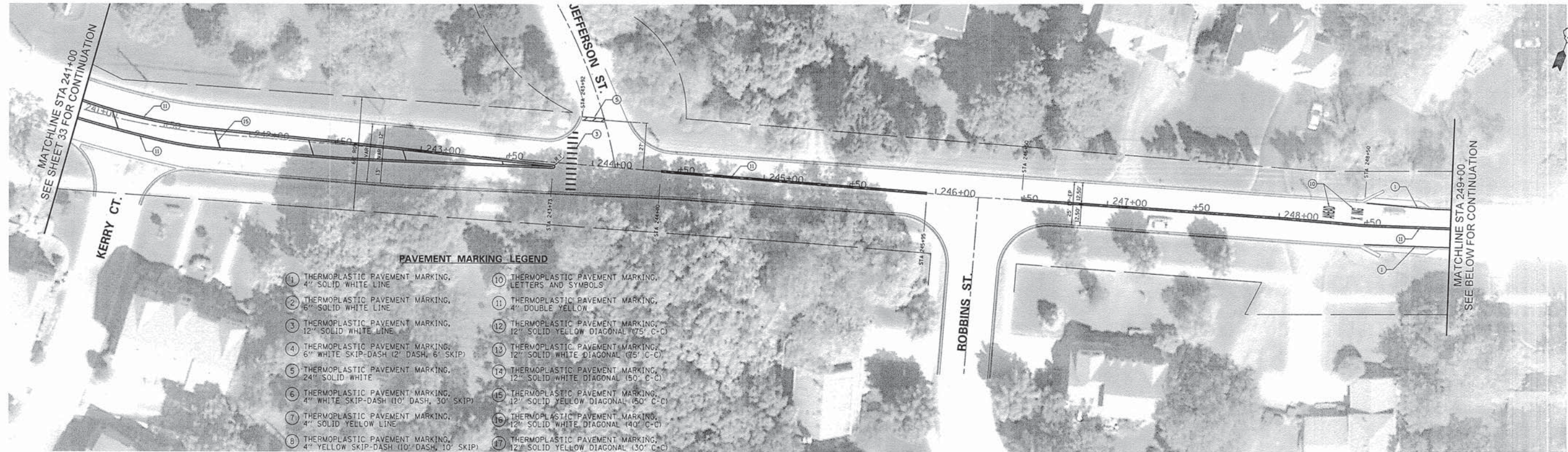
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

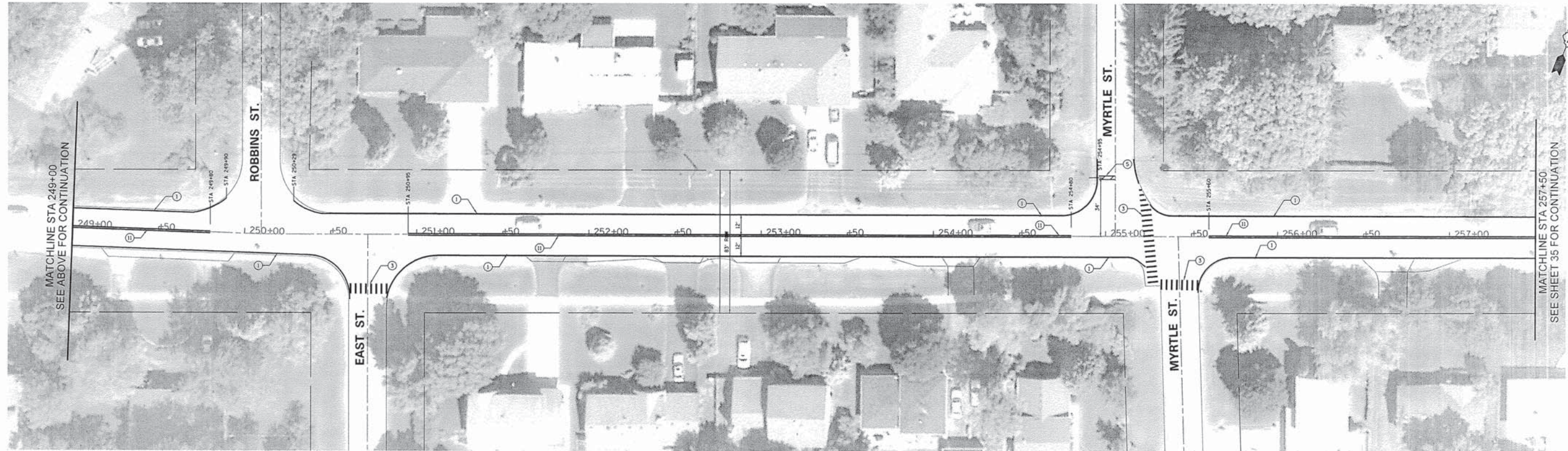
**HIGHLAKE ROAD  
STRIPING PLAN**  
SCALE: 1"=30' SHEET 33 OF 43 SHEETS STA. TO STA.

F.A.U. RTE. 3804 2543	SECTION 13-00049-00-RS	COUNTY DUPAGE	TOTAL SHEETS 43	SHEET NO. 33
CONTRACT NO. 61A37				ILLINOIS FED. AID PROJECT



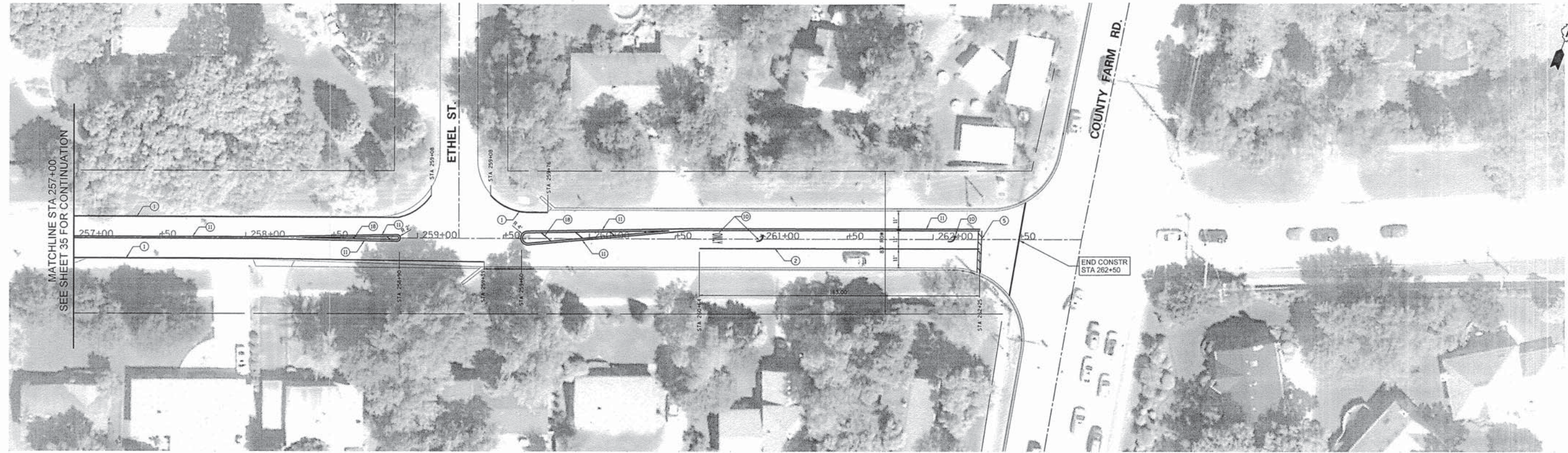


- PAVEMENT MARKING LEGEND**
- |  |   |
|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE                      | ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS                 |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE                      | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW                    |
| ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE                     | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75' C-C) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2' DASH, 6' SKIP)    | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75' C-C)  |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE                          | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50' C-C)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)  | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50' C-C) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE                     | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40' C-C)  |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10' SKIP) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30' C-C) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20' SKIP) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20' C-C) |



FILE NAME =	USER NAME = .USER.	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JEWEL ROAD STRIPING PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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#MODELNAME#	PLOT DATE = 3/12/2014	DATE -	REVISED -			CONTRACT NO. 61A37					
					SCALE: 1"=30'		SHEET 34 OF 43 SHEETS STA.		TO STA.		
ILLINOIS FED. AID PROJECT											





MATCHLINE STA. 257+00.  
SEE SHEET 35 FOR CONTINUATION

**PAVEMENT MARKING LEGEND**

- |  |   |
|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE                      | ⑩ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS                 |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE                      | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE YELLOW                    |
| ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINE                     | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (75' C-C) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" WHITE SKIP-DASH (2' DASH, 6' SKIP)    | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (75' C-C)  |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE                          | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (50' C-C)  |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)  | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (50' C-C) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE                     | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL (40' C-C)  |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 10' SKIP) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (30' C-C) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW SKIP-DASH (10' DASH, 20' SKIP) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL (20' C-C) |

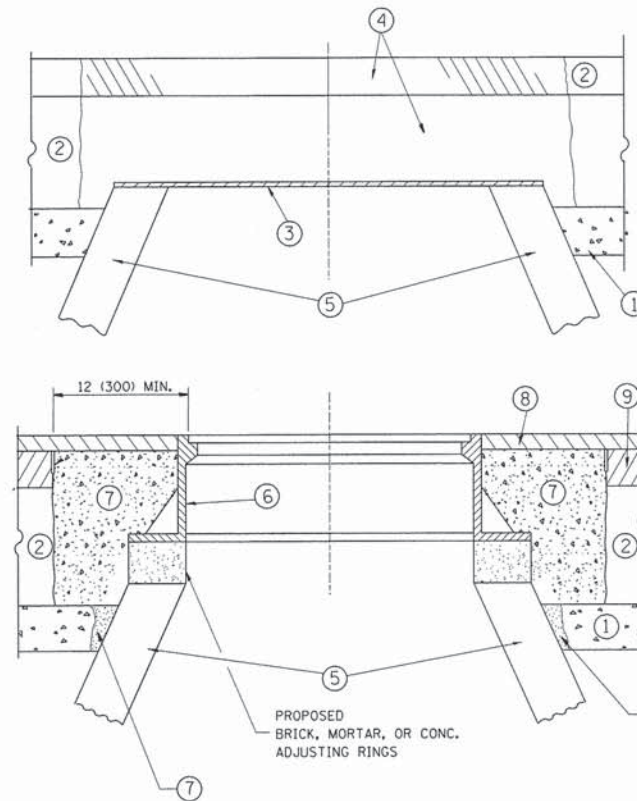
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PLOT DATE = 3/12/2014	DATE -	REVISOR -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JEWEL ROAD  
STRIPING PLAN**  
SCALE: 1"=30' SHEET 35 OF 43 SHEETS STA. TO STA.

F.A.U. RTE. 2594	SECTION 13-0049-00-RS	COUNTY DUPAGE	TOTAL SHEETS 43	SHEET NO. 35
CONTRACT NO. 61A37				
[ILLINOIS] FED. AID PROJECT				





**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1\* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = .USER.	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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PLOT DATE = 3/12/2014		DATE - 10-25-94	REVISED - R. BORO 12-06-11

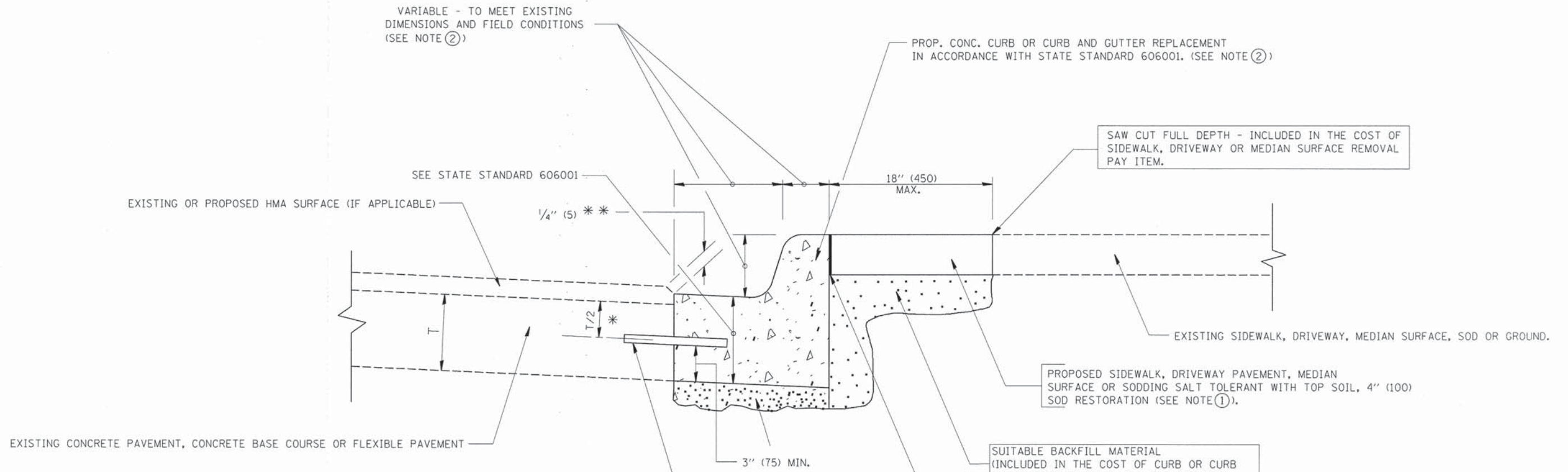
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3893	13-00049-00-RS	DUPAGE	43	36
BD600-03 (BD-8)		CONTRACT NO. 61A37		
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				





\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
- ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

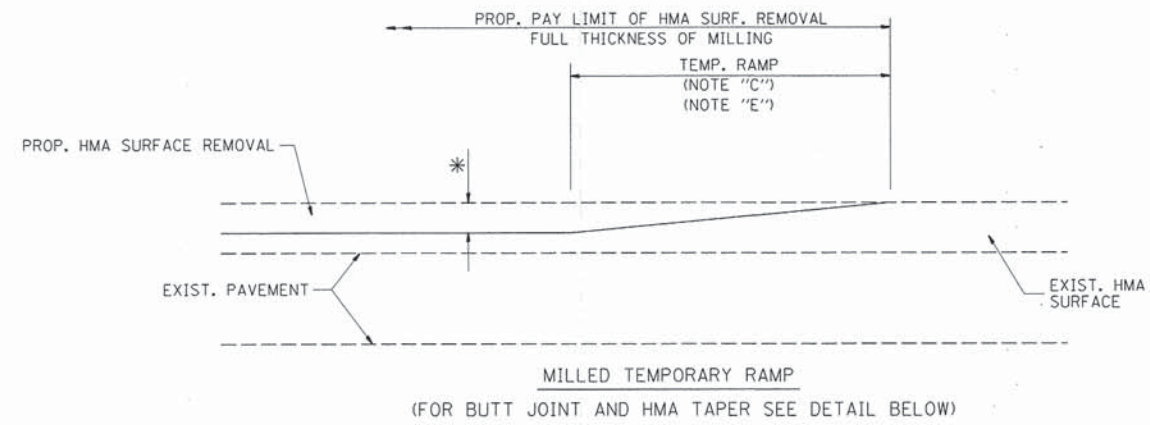
**BASIS OF PAYMENT:**  
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

## CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

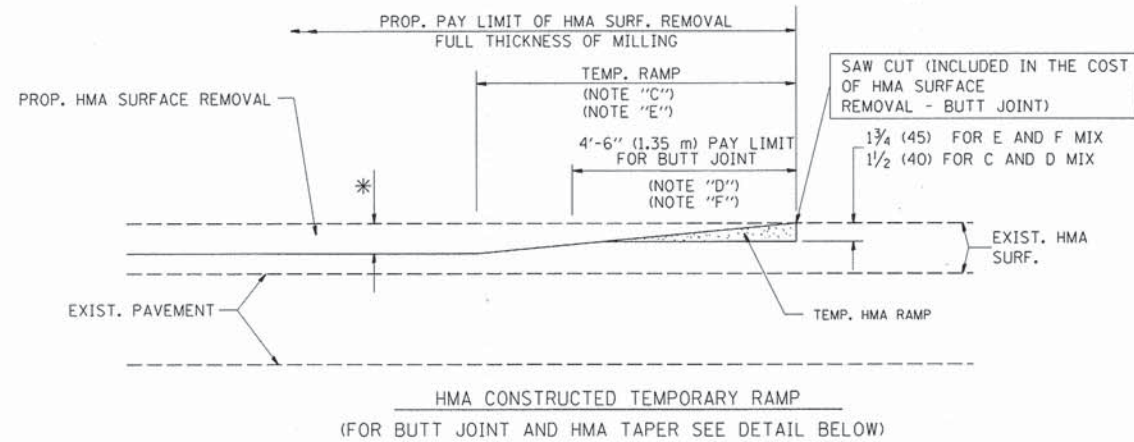
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FILE NAME =	USER NAME = _USER_	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 1.00 Ft / IN.		CHECKED -	REVISED - M. GOMEZ 01-22-01			<b>BD600-06 (BD-24)</b>		CONTRACT NO. 61A37			
PLOT DATE = 3/12/2014		DATE - 03-11-94	REVISED - R. BORO 12-15-09			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
					SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		

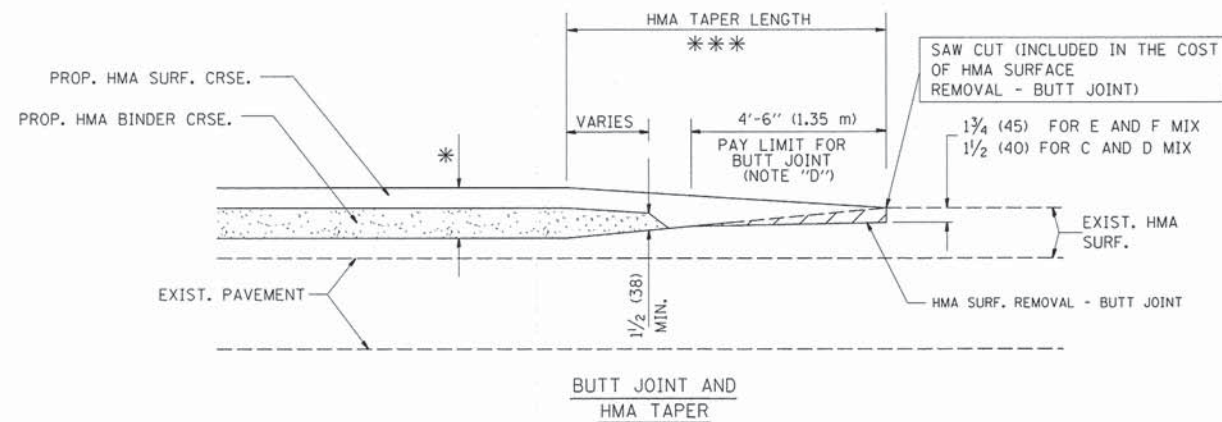




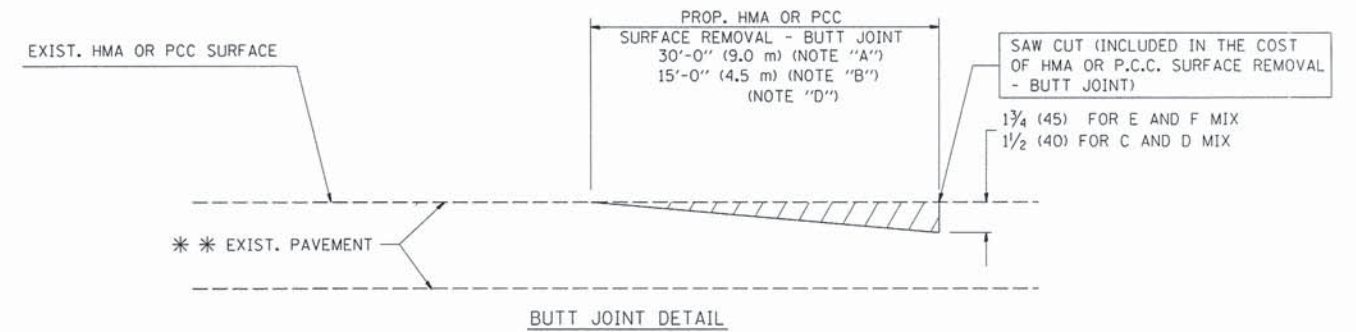
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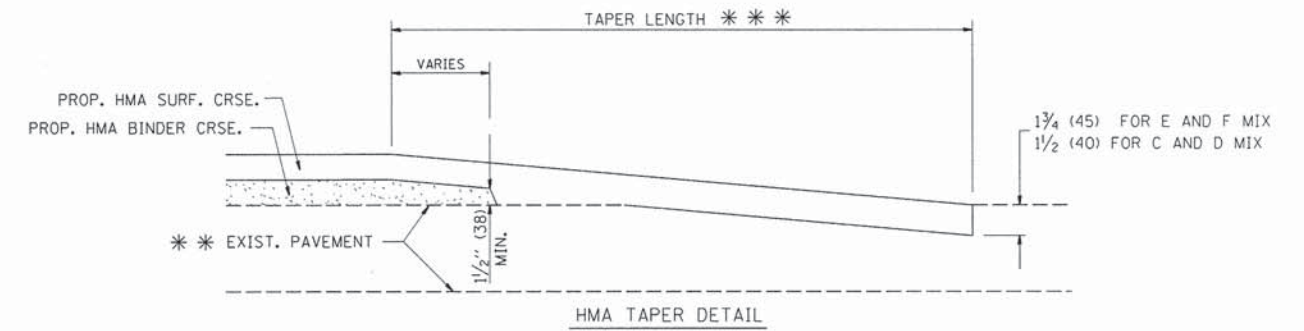
OPTION 2  
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = _USER_	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
N:\dgn\WF\WF601.2014\streets\sheets\WF601.380\st1ButtJointDetail.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
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PLOT DATE = 3/12/2014		DATE - 06-13-90	REVISED - R. BORO 01-01-07

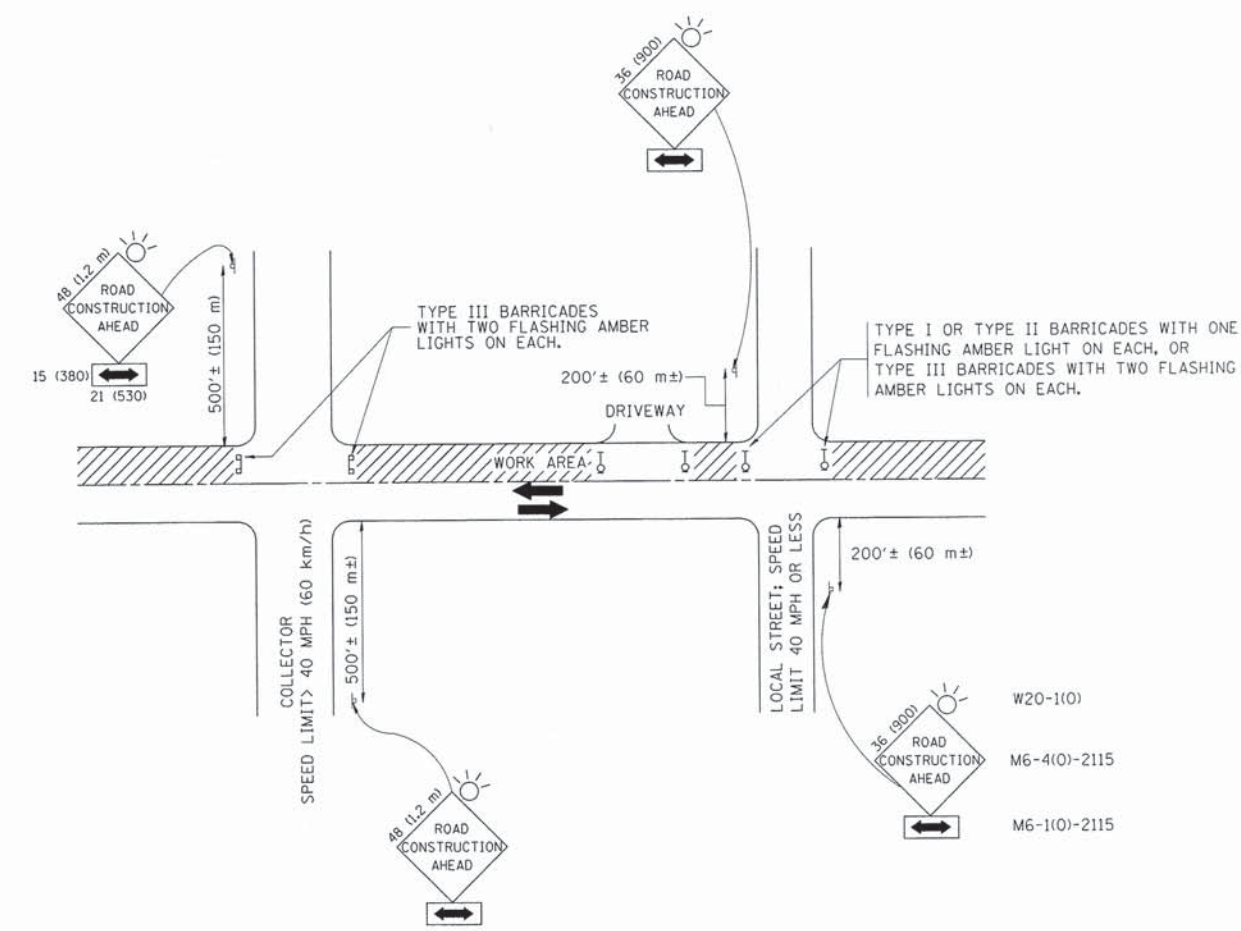
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
HMA TAPER DETAILS

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
293	13-00049-00-RS	DUPAGE	43	38
BD400-05 BD32		CONTRACT NO. 61A37		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	USER NAME = .USER.	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
N:\dgn\WF\WF601.2014Streets\sheets\WF601.39DistTrafficControlDetail.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
PLOT SCALE = 1.00 Ft / IN.		CHECKED -	REVISED - A. HOUSEH 10-15-96
PLOT DATE = 3/12/2014		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

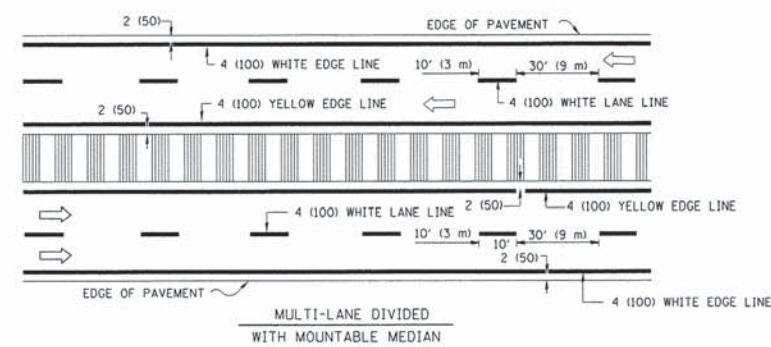
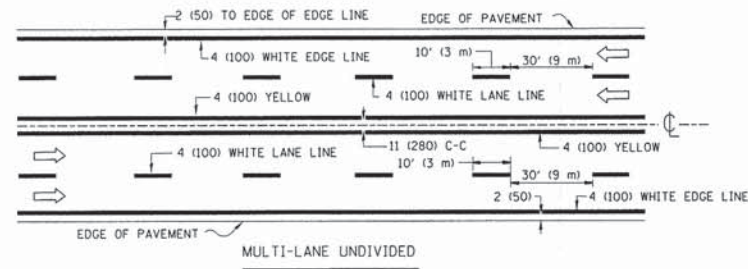
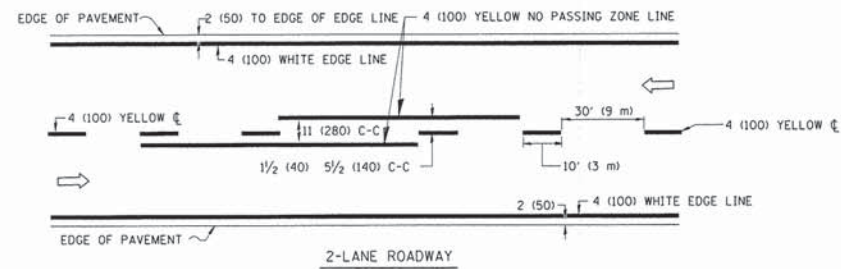
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

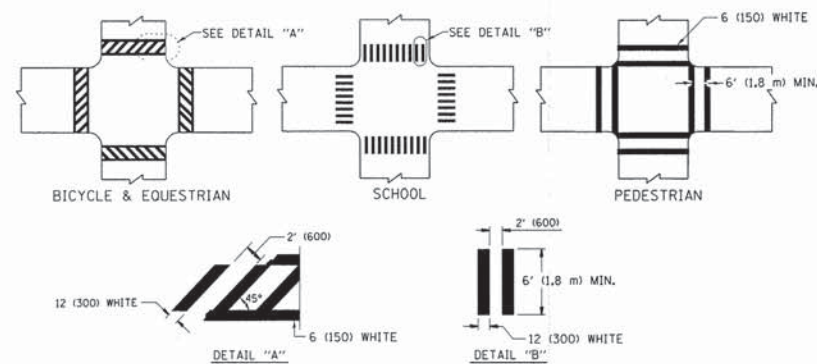
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	13-00049-00-RS	DUPAGE	43	39
TC-10			CONTRACT NO. 61A37	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



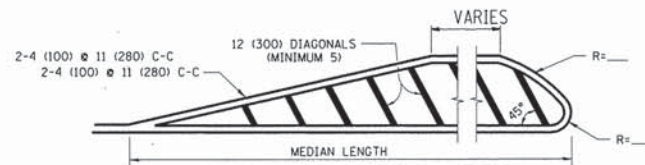
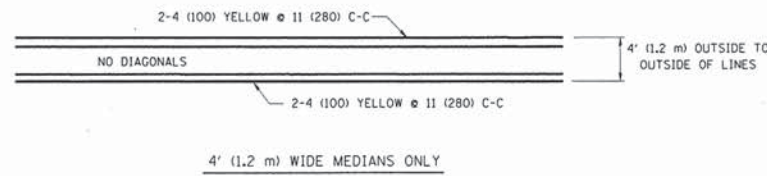


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

**TYPICAL LANE AND EDGE LINE MARKING**



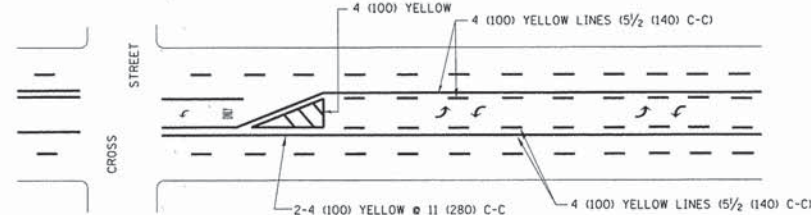
**TYPICAL CROSSWALK MARKING**



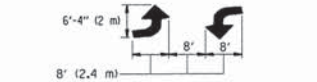
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

**MEDIANS OVER 4' (1.2 m) WIDE**

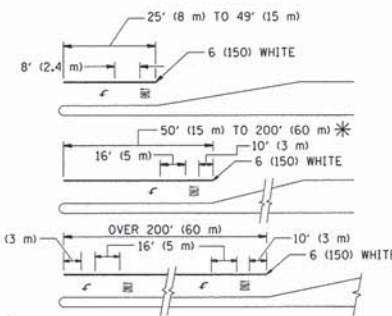


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

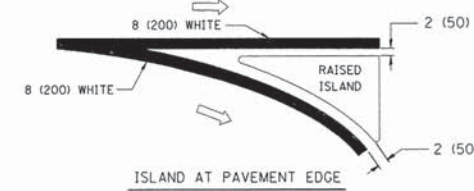
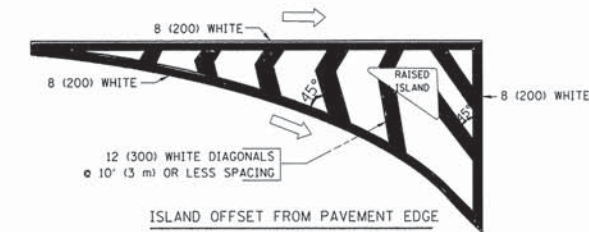


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 \* AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**



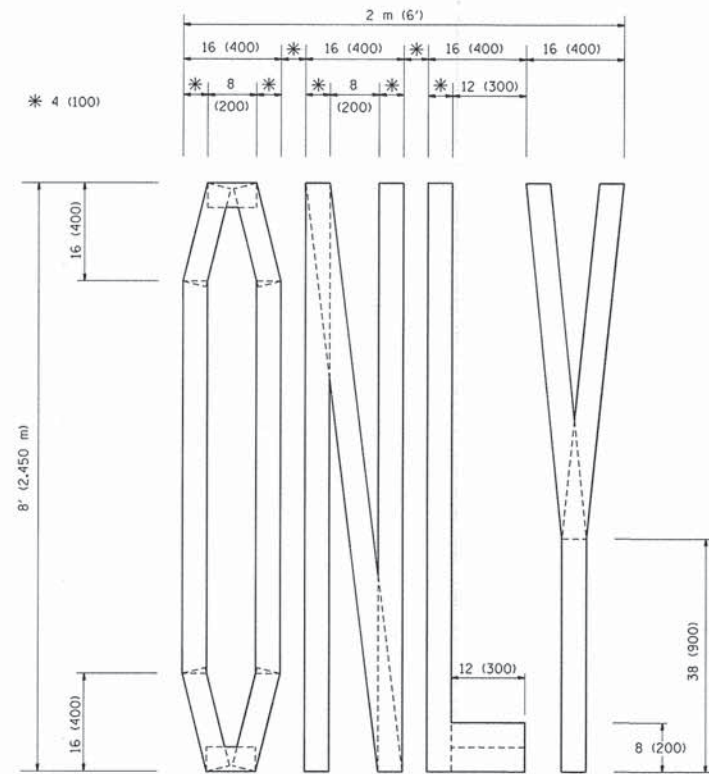
**TYPICAL ISLAND MARKING**

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS 8' (2.4m)	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

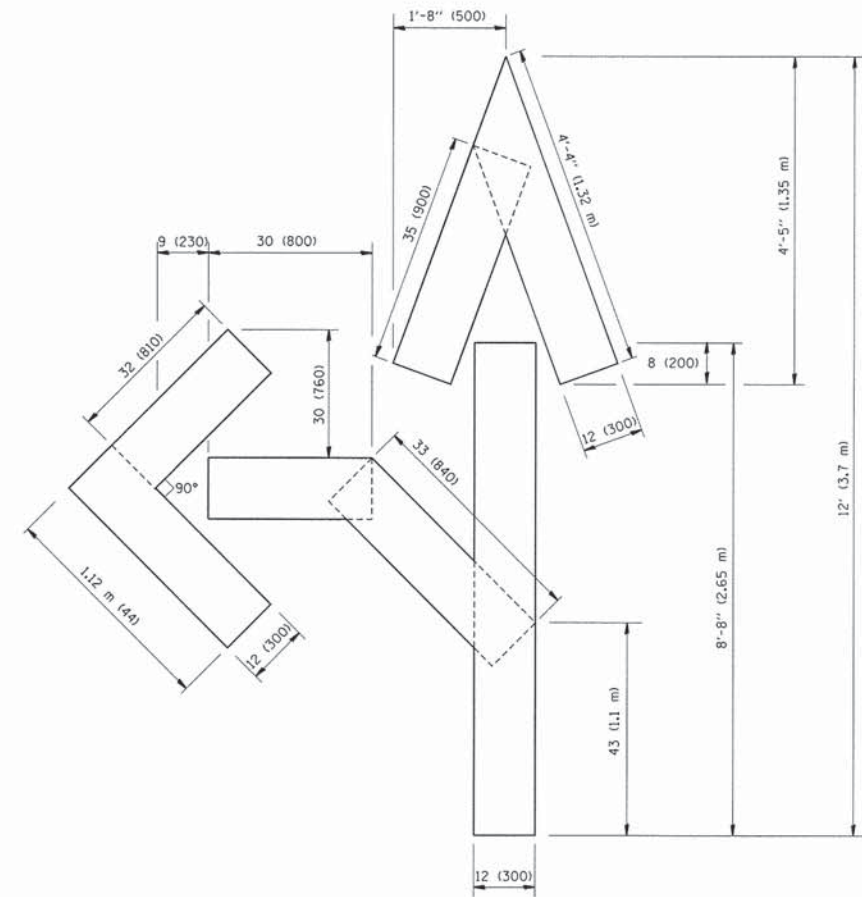
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

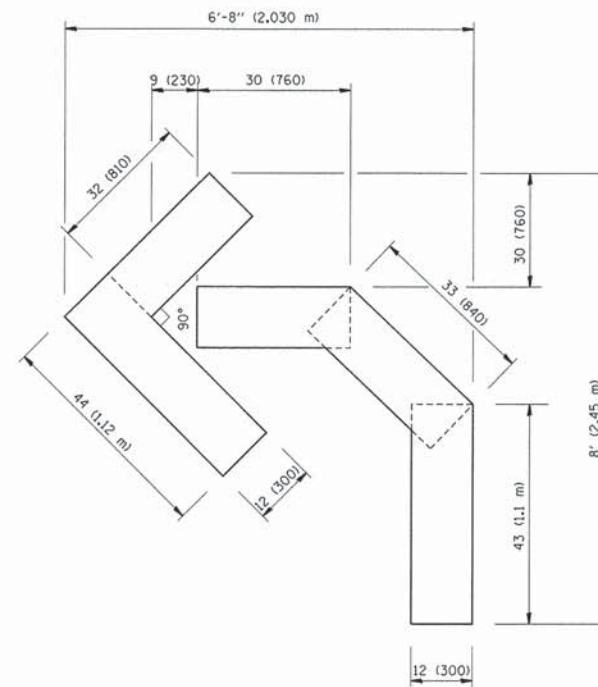




QUANTITY  
 4 (100) LINE = 64.1 ft. (19.7 m)  
 21.1 sq. ft. (1.97 sq. m)



QUANTITY  
 4 (100) LINE = 82.5 ft. (25.3 m)  
 27.5 sq. ft. (2.53 sq. m)



QUANTITY  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = N:\dgn\WF\WF601.2014Streets\sheets\WF601.dgn	USER NAME = .USER.	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
	41PavementMarkingLettersandSymbols.dgn	DRAWN -	REVISED -T. RAMMACHER 11-04-97
		CHECKED -	REVISED -T. RAMMACHER 03-02-98
PLOT SCALE = 1/8" = 1' / IN.		DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00
PLOT DATE = 3/12/2014			

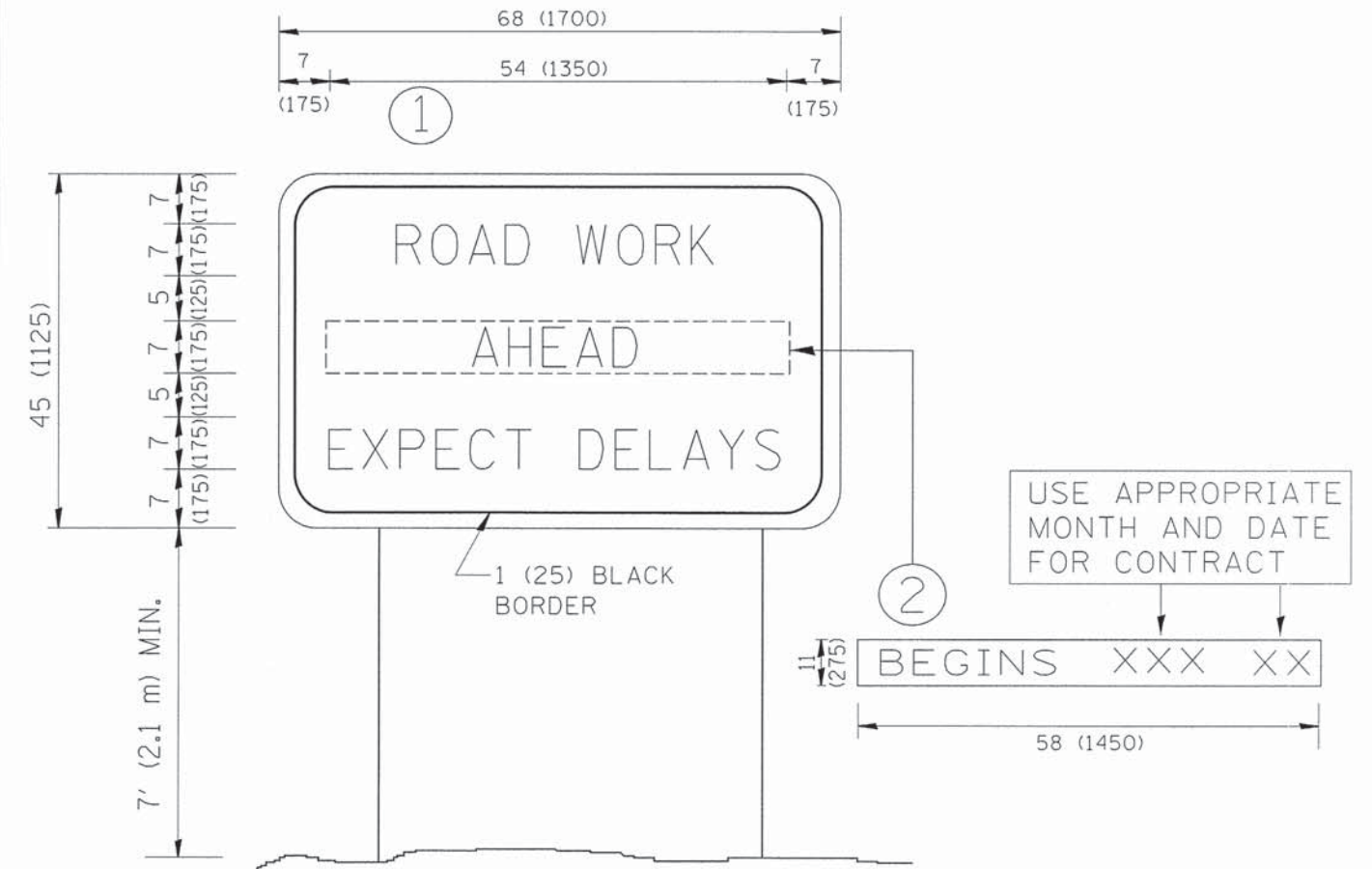
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS  
 FOR TRAFFIC STAGING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 387 2533	SECTION 13-00049-00-RS	COUNTY DUPAGE	TOTAL SHEETS 43	SHEET NO. 41
TC-16		CONTRACT NO. 61A37		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = .USER.	DESIGNED -	REVISED - R. MIRS 09-15-97
N:\dgn\WF\WF601.2014Streets\sheet\WF601.42ArterialRoadInformationSign.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
		CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT SCALE = 1.00 ft / IN.		DATE -	REVISED - C. JUCIUS 01-31-07
PLOT DATE = 3/12/2014			

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

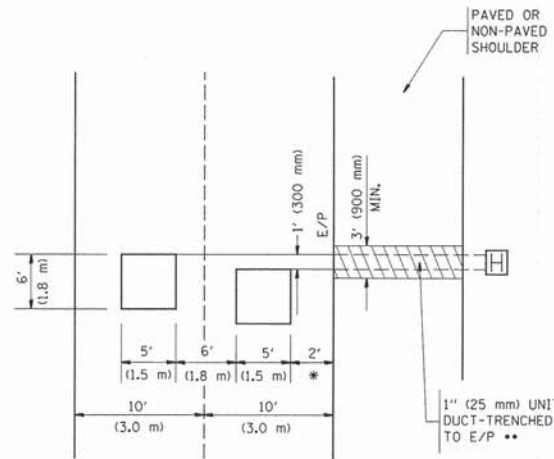
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2533	13-00049-00-RS	DUPAGE	43	42
TC-22		CONTRACT NO. 61A37		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT  
NOTE WHICH SHOULD EQUAL  
3' (900 mm) X WIDTH OF  
PAVED SHOULDER.

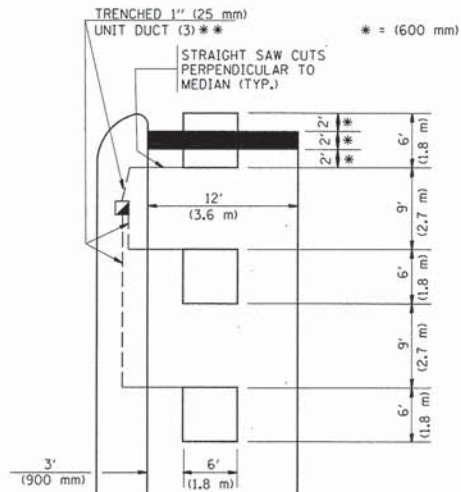


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS  
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH  
(PROTECTED / PERMITTED LEFT TURN PHASING)**

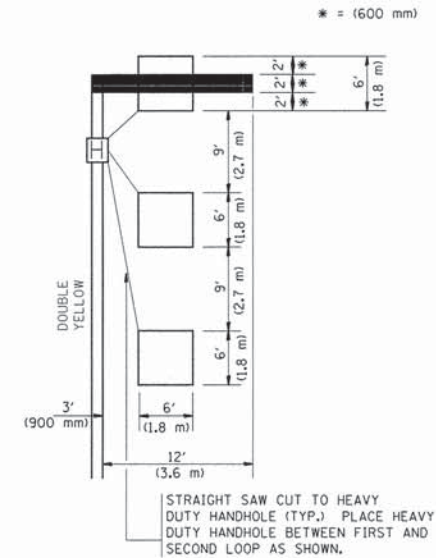
HANDHOLE LOCATION MAY  
VARY DEPENDING ON GEOMETRICS  
AND DESIGN OF TRAFFIC SIGNALS.  
HEAVY-DUTY HANDHOLES TO BE  
USED WHEN THE MEDIAN IS  
MOUNTABLE. REFER TO STANDARD  
814001 TO ENSURE THAT HANDHOLE  
FITS IN MEDIAN.



\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS  
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

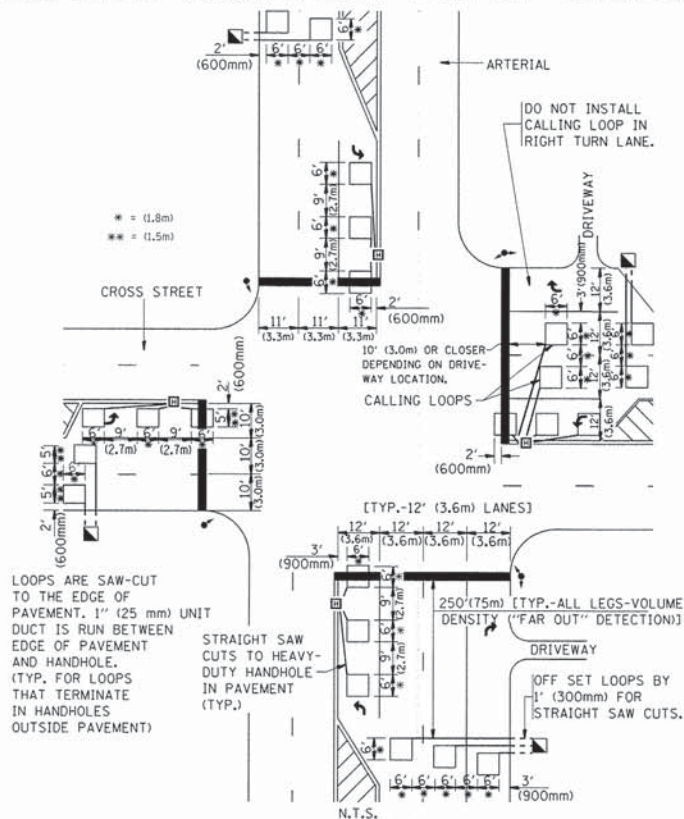
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO  
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH  
(PROTECTED / PERMITTED LEFT TURN PHASING)**



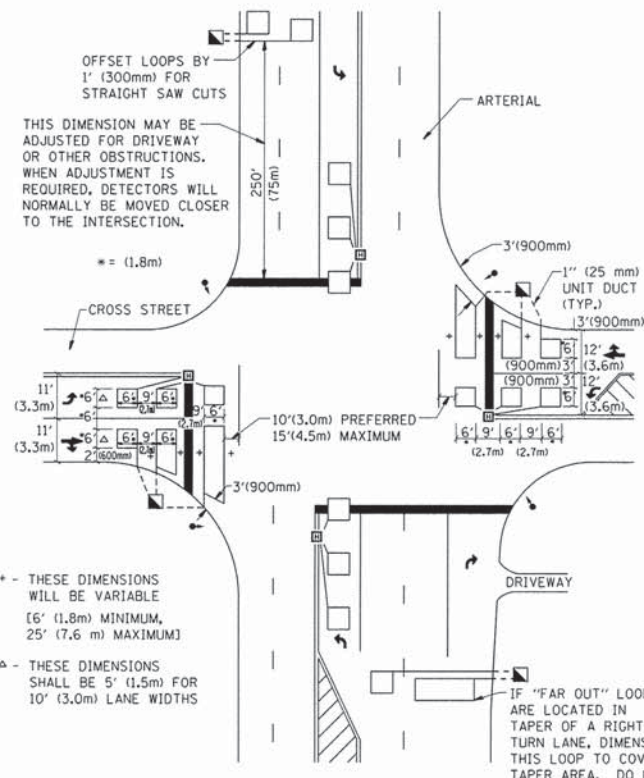
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO  
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1  
N.T.S.**

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2  
N.T.S.**

**NOTES:**

**VEHICLES LOOP DETECTORS**

- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- \* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- \* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- \* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**PLACEMENT OF DETECTORS**

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

**NOTE:**

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME =	USER NAME = .USER.	DESIGNED -	REVISED -
N:\dgn\WF\WF601.2014Streets\sheet\WF601.2014StlDetectorLoopInstallation.dgn		DRAWN -	REVISED -
PLOT SCALE = 1.00 Ft / IN.		CHECKED - R,K,F.	REVISED -
PLOT DATE = 3/12/2014		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION  
DETAILS FOR ROADWAY RESURFACING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2533	13-00049-00-RS	DUPAGE	43	43
TS-07			CONTRACT NO. 61A37	
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				