

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	1
		ILLINOIS	CONTRACT NO. 91408	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

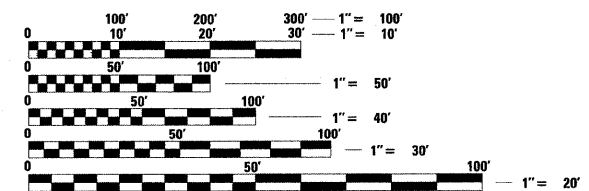
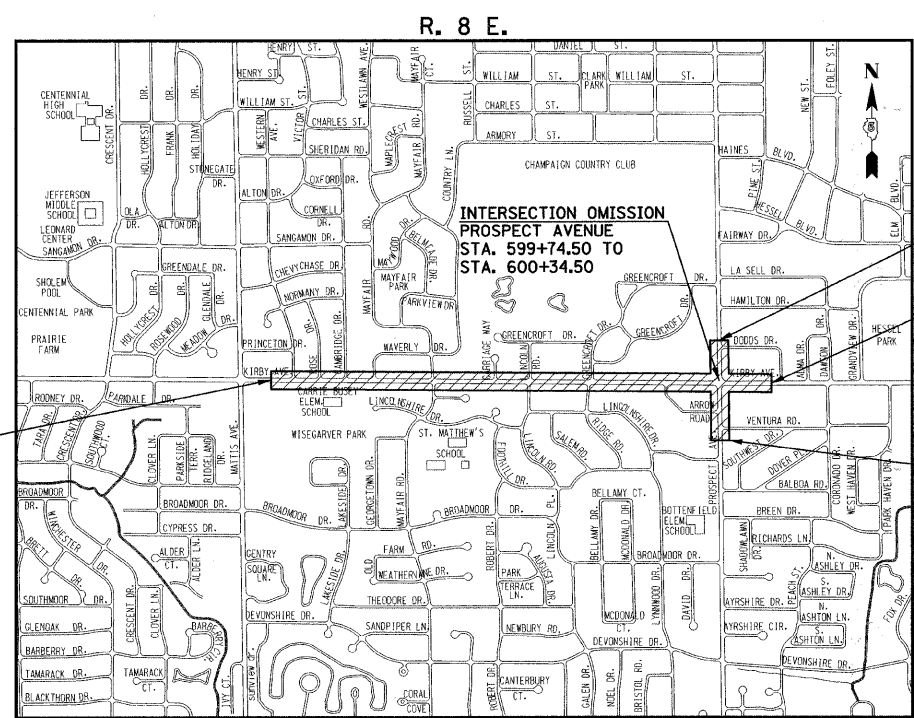
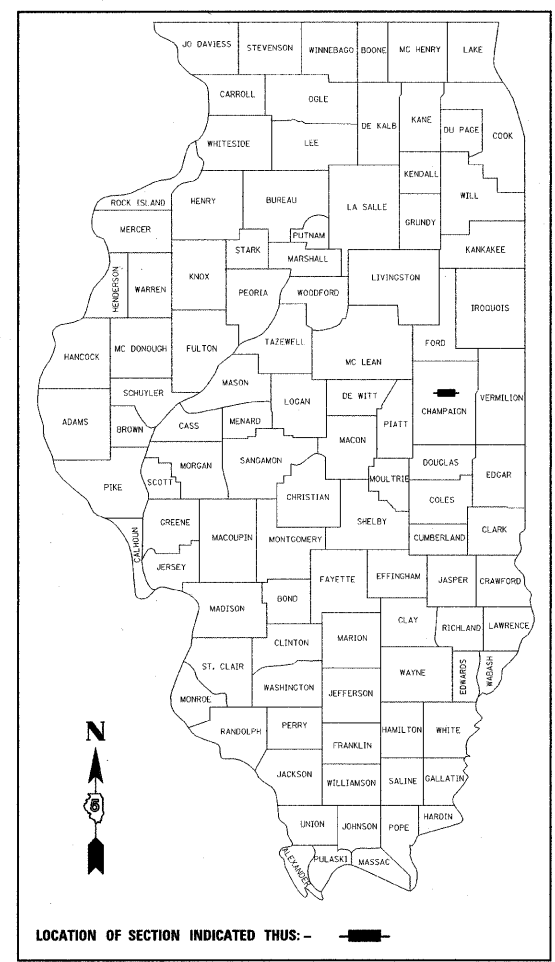
INDEX OF SHEETS

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PLAN 1 INCH = 20 FEET
 PROFILE HORIZ. 1 INCH = 20 FEET
 PROFILE VERT. 1 INCH = 5 FEET
 CROSS SECTIONS HORIZ. 1 INCH = 10 FEET
 CROSS SECTIONS VERT. 1 INCH = 5 FEET
 NOT USED

**CITY OF CHAMPAIGN
CHAMPAIGN COUNTY, ILLINOIS
SECTION NO. 09-00281-00-RS
PROJECT NO. ARA-5181 (046)
JOB NO. C-95-324-09
CITY PROJECT NO. 23-0000-07900-0583
KIRBY AVENUE - F.A.U. ROUTE 7138**

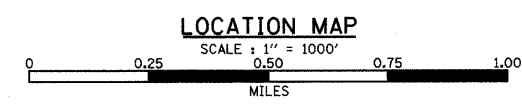
ILLINOIS HIGHWAY STANDARD DRAWINGS
(SEE SHEET NO. 2)



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

CONTRACT NO. 91408



TOTAL LENGTH OF KIRBY AVENUE IMPROVEMENTS = 5,517.00 FEET = 1.04 MILES
 TOTAL LENGTH OF PROSPECT AVENUE IMPROVEMENTS = 1,047.00 FEET = 0.20 MILES
 TOTAL LENGTH OF IMPROVEMENTS = 6,564.00 FEET = 1.24 MILES

END IMPROVEMENTS
PROSPECT AVENUE
STA. 604+71.00

END IMPROVEMENTS
KIRBY AVENUE
STA. 62+70.00

BEGIN IMPROVEMENTS
PROSPECT AVENUE
STA. 593+64.00

DESIGN DESIGNATION
KIRBY AVENUE (CLASS I)
2080 (30) ARTERIAL 0.62 (COM B)
2030 ADT = 20,800

PROSPECT AVENUE (CLASS I)
1480 (30) ARTERIAL 0.44 (COM B)
2030 ADT = 14,800

[Signature]
PROFESSIONAL ENGINEER
CLARK DIETZ, INC.
DATE: 6-12-09
LICENSE EXPIRES 11-30-09

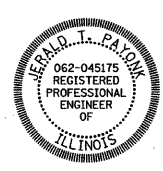
CITY OF CHAMPAIGN
APPROVED: *[Signature]* 6/17/09
W. Roland White
CHAMPAIGN CITY ENGINEER

PASSED: *[Signature]* 8/5/09
DISTRICT FIVE ENGINEER OF
LOCAL ROADS & STREETS

Releasing For
Bid Based on
Limited Review
[Signature] 8-5-09
DEPUTY DIRECTOR OF HIGHWAYS,
REGION THREE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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



Clark Dietz
ENGINEERS
1817 SOUTH NEIL STREET
SUITE 100
CHAMPAIGN, IL 61820
PHONE: 217-373-8900
FAX: 217-373-8923

GENERAL NOTES

- WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM "STANDARD SPECIFICATIONS" IS USED IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED ON JANUARY 1, 2007.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN ON THE HIGHWAY STANDARDS LISTED ON THIS SHEET.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION.
- THE CONTRACTOR SHALL TAKE CARE NOT TO STORE OR DISPOSE OF DEBRIS OR UNSUITABLE MATERIALS WITHIN LIMITS OF THE IMPROVEMENT AND TAKE CARE TO LIMIT CONSTRUCTION TO WITHIN THE RIGHT-OF-WAY AND EASEMENT AREAS. UNNECESSARY ENCROACHMENTS ONTO PRIVATE OR PUBLIC AREAS WILL NOT BE ALLOWED.
- WHERE SECTION OR SUBSECTION MONUMENTS, BENCHMARKS, OR IRON PIPE MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN ILLINOIS REGISTERED LAND SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN ILLINOIS REGISTERED LAND SURVEYOR RE-ESTABLISH ANY MONUMENTS UNNECESSARILY DESTROYED BY HIS OPERATIONS.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

AGGREGATE MATERIALS	2.05 TON/CU YD
HOT-MIX ASPHALT (ALL TYPES)	112 LBS/SQ YD/IN THICK
AGGREGATE PRIME COAT	5 LBS/SQ YD
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES THAT MAY BE ADJUSTING THEIR FACILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
- UTILITY OWNERS:
 - *INDICATES J.U.L.I.E. MEMBER
 - *URBANA-CHAMPAIGN SANITARY DISTRICT
P.O. BOX 669
URBANA, ILLINOIS 61803
(217) 367-3409
 - *ILLINOIS-AMERICAN WATER COMPANY
201 DEVONSHIRE DR.
CHAMPAIGN, ILLINOIS 61820
(217) 373-3258
 - *AMEREN IP
(ELECTRICAL DIST./GAS)
1112 ANTHONY DRIVE
URBANA, ILLINOIS 61801
(217) 383-7280
 - *COMCAST
303 FAIRLAWN DRIVE
URBANA, ILLINOIS 61801
(217) 384-2510
 - *AT&T
201 S. NEIL STREET
CHAMPAIGN, ILLINOIS 61820
(217) 398-7990
 - *PAETEC (FORMERLY MCLEOD USA)
30486 EAST 400 NORTH ROAD
STRAWN, ILLINOIS 61775
(309) 838-0788
 - *CITY OF CHAMPAIGN TRAFFIC AND LIGHTING
(STREET LIGHTS AND TRAFFIC SIGNALS)
702 EDGEBROOK DRIVE
CHAMPAIGN, ILLINOIS 61820-2159
(217) 403-4710
- ALL SALVAGEABLE FRAMES AND GRATES WHICH ARE NOT INCORPORATED IN THE WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR'S BID PRICE FOR VARIOUS STORM DRAINAGE WORK SHOULD REFLECT THE SALVAGE VALUE OF THE ITEMS.
- EXISTING PAVEMENTS, CURBS AND GUTTERS, AND SIDEWALKS IN WHICH THE TOP SURFACE IS TO BE JOINED TO THE PROPOSED WORK SHALL BE SO JOINED THROUGH SAW CUT JUNCTURES. 3/4" EXPANSION JOINT MATERIAL SHALL BE PLACED AT THESE JUNCTURES AS DIRECTED BY THE ENGINEER.
- WHERE THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER JOINS THE EXISTING CURB AND GUTTER, A TRANSITION BETWEEN THE TWO CONFIGURATIONS MAY BE REQUIRED. THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR CURB AND GUTTER OF THE SIZE AND TYPE SPECIFIED IN THE PLANS.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE II BARRICADE USED. (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF THE SITE PRIOR TO FINAL ACCEPTANCE IN ACCORDANCE WITH ARTICLE 104.06 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL ALSO INCLUDE CLEANING ALL DRAINAGE FACILITIES OF FOREIGN MATERIALS IN ACCORDANCE WITH ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE DONE AS DIRECTED BY THE ENGINEER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THERE ARE NO COMMITMENTS ON THIS PROJECT.

TRAFFIC CONTROL GENERAL NOTES

- PRIOR TO THE START OF CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL SUBMIT A SEQUENCE OF CONSTRUCTION TO THE ENGINEER FOR APPROVAL. NO DEVIATIONS FROM THE SUGGESTED PLAN WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.
- TRAFFIC CONTROL AND PROTECTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION; THE APPLICABLE GUIDELINES CONTAINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; STANDARDS 701606, 701701, 701801, AND 701901; AND THE SPECIAL PROVISIONS.
- TRAFFIC CONTROL SURVEILLANCE WILL NOT BE PAID FOR SEPARATELY FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL TRAFFIC CONTROL DEVICES AT ALL TIMES INCLUDING NIGHTTIME, WEEKENDS, AND ANY TIME WORKERS ARE NOT PRESENT. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH REGULAR SPECIAL PROVISION LRSS. THE COST OF ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE INSPECTION AND MAINTENANCE OF THE TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL STANDARDS.
- TEMPORARY AGGREGATE ENTRANCES SHALL BE CONSTRUCTED AT LOCATIONS DETERMINED BY THE ENGINEER AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS. THE PLACEMENT, MAINTENANCE, AND REMOVAL OF THE TEMPORARY AGGREGATE ENTRANCES SHALL BE INCLUDED IN THE PRICE OF AGGREGATE FOR TEMPORARY ACCESS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- TEMPORARY HOT-MIX ASPHALT RAMPS SHALL HAVE A MINIMUM TAPER RATE OF 1:40 (V:H) AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR TEMPORARY RAMP. THE CONSTRUCTION, MAINTENANCE, AND REMOVAL OF THE TEMPORARY HOT-MIX ASPHALT RAMPS SHALL BE INCLUDED IN THE PRICE OF THIS ITEM.
- THE WORK ZONE PAVEMENT MARKING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SHORT-TERM PAVEMENT MARKING, PAVEMENT MARKING TAPE, TYPE III 4" AND PAVEMENT MARKING TAPE, TYPE III 24". WORK ZONE PAVEMENT MARKING REQUIRED BY THE TRAFFIC CONTROL AND PROTECTION STANDARDS WILL NOT BE PAID FOR SEPARATELY, AS DESCRIBED IN ARTICLE 703.07 OF THE STANDARD SPECIFICATIONS. ONLY PAVEMENT MARKING TAPE, TYPE III SHALL BE ALLOWED ON THE FINAL WEARING SURFACE. THE REMOVAL OF WORK ZONE PAVEMENT MARKING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR WORK ZONE PAVEMENT MARKING REMOVAL.
- PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED AND OPERATIONAL SEVEN DAYS PRIOR TO THE START OF ROAD CONSTRUCTION. THE SIGNS SHALL BE SOLAR POWERED AND INSTALLED AT LOCATIONS AS DIRECTED BY THE ENGINEER AT THE BEGINNING AND END OF THE PROJECT LIMITS ON KIRBY AVENUE AND PROSPECT AVENUE. THE CONTRACTOR SHALL INSPECT THE SIGNS BY 8:00 A.M. EACH DAY TO ENSURE THAT THE SIGNS ARE FULLY OPERATIONAL AND IN PROPER WORKING ORDER. FURNISHING, INSPECTING, MAINTAINING, AND REMOVING THE PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE INCLUDED IN THE PRICE OF CHANGEABLE MESSAGE SIGN AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE REQUIREMENTS OF ARTICLE 701.07 FOR THE MAXIMUM ALLOWABLE DIFFERENTIAL IN ELEVATION SHALL APPLY. THE CONTRACTOR SHALL PLACE DRUMS OR BARRICADES WITH STEADY BURN LIGHTS AT 100' CENTERS OR AS OTHERWISE DIRECTED BY THE ENGINEER TO DELINEATE THE DROP-OFFS.

LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED
— W —	— W —	△	MONUMENT
— G —	— G —	•	IRON PIN/PIPE FOUND
— OHE —	— OHE —	⊠	RIGHT-OF-WAY MARKER
— UGE —	— UGE —	⊕	SOIL BORING
— OHT —	— OHT —	⊠	TRAFFIC SIGNAL CONTROL BOX
— UGT —	— UGT —	⊠	TRAFFIC SIGNAL POST
— UGT(FO) —	— UGT(FO) —	⊠	TRAFFIC SIGNAL MAST ARM
— CATV —	— CATV —	⊕	PEDESTRIAN PUSH BUTTON POST
— COM —	— COM —	⊠	TRAFFIC SIGNAL HANDHOLE
— FO —	— FO —	⊕	TRAFFIC SIGNAL JUNCTION BOX
— STM —	— STM —	⊠	RR CROSSING GATE
— FM —	— FM —	⊠	RR FLASHING SIGNAL
—) —	—) —	⊠	RR CROSSBUCK
— > —	— > —	⊠	STREET SIGN
— > —	— > —	⊠	TRAFFIC SIGN
⊠	⊠	⊠	DELINEATOR
⊠	⊠	⊠	PARKING LOT LIGHT
⊠	⊠	⊠	YARD LIGHT
⊠	⊠	⊠	MAILBOX
⊠	⊠	⊠	PARKING METER
⊠	⊠	⊠	IRRIGATION CONTROL BOX
⊠	⊠	⊠	IRRIGATION HEAD
⊠	⊠	⊠	TANK FILLER CAP
⊠	⊠	⊠	INSPECTION WELL
⊠	⊠	⊠	CLEANOUT
⊠	⊠	⊠	DOWNSPOUT
⊠	⊠	⊠	BOLLARD
⊠	⊠	⊠	FENCE POST
⊠	⊠	⊠	GATE POST
⊠	⊠	⊠	FLAG POLE
⊠	⊠	⊠	FLOOD LIGHT
⊠	⊠	⊠	TREE STUMP
⊠	⊠	⊠	BUSH
⊠	⊠	⊠	CONIFEROUS TREE
⊠	⊠	⊠	DECIDUOUS TREE

ILLINOIS HIGHWAY STANDARD DRAWINGS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420001-07	PAVEMENT JOINTS
442101-07	CLASS B PATCHES
604001-03	FRAME AND LIDS, TYPE 1
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS

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DESIGNED - R.L.H.	REVISED -
DRAWN - J.L.B.	REVISED -
CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, HIGHWAY STANDARDS AND LEGEND

SCALE : NONE SHEET NO. 2 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	2
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT ARA-S181 (046)	
CONTRACT NO. 91408				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	SAFETY CODE	
		CONSTRUCTION CODE	2A
		UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	59
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	49
25200100	SODDING	SQ YD	49
25200200	SUPPLEMENTAL WATERING	UNIT	1
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	45
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3,921
40600300	AGGREGATE (PRIME COAT)	TON	101
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	9
* 40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TON	1,685
40600895	CONSTRUCTING TEST STRIP	EACH	2
40600990	TEMPORARY RAMP	SQ YD	1,777
* 40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	4,391
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	15,114
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	24,067
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	762
* 44002020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	1,111
44003100	MEDIAN REMOVAL	SQ FT	41
44200990	CLASS B PATCHES, TYPE I, 12 INCH	SQ YD	8
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	369
44213200	SAW CUTS	FOOT	1,137
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	27,990
* 60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	3
* 60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	17
* 60406500	FRAMES AND LIDS, SPECIAL	EACH	11
* 60406510	FRAMES AND LIDS (SALVAGED)	EACH	10
* 60604200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	384
* 60620700	CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL)	SQ FT	1,490
67100100	MOBILIZATION	L SUM	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	7,968
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	3,984
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	372

*SEE SPECIAL PROVISIONS

CODE NO.	ITEM	SAFETY CODE	
		CONSTRUCTION CODE	2A
		UNIT	TOTAL QUANTITY
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,072
△ * 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	312
△ * 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22,786
△ * 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,136
△ * 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,748
△ * 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	372
△ * 88600400	DETECTOR LOOP, SPECIAL	FOOT	110
△ * 89502380	REMOVE EXISTING HANDHOLE	EACH	1
△ * 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
* X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28
* XX001135	PAVEMENT PATCHING SPECIAL	SQ YD	83
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* Z0017202	DOWEL BARS 1 1/2"	EACH	610
* XX008123	TEMPORARY RAMP, SPECIAL	EACH	75

*SEE SPECIAL PROVISIONS △ SPECIALTY ITEMS

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DESIGNED - R.L.H.
 DRAWN - J.L.B.
 CHECKED - J.T.P.
 DATE - 6-09

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE : NONE SHEET NO. 3 OF 27 SHEETS STA. TO STA.

F.A.U. RTE. 7138	SECTION 09-00281-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 27	SHEET NO. 3
FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 91408		
FED. AID PROJECT ARA-5181 (046)				

SCHEDULE OF QUANTITIES

**20200100
EARTH EXCAVATION**

STATION	TO STATION	CU YD
KIRBY AVENUE 13+31.9 LT. & RT.	15+38.2 LT. & RT.	59
TOTAL		59

**21101625
TOPSOIL FURNISH AND PLACE, 6"**

LOCATION	SO YD	
KIRBY AVENUE CURB AND GUTTER REPLACEMENT LOCATIONS	49	
TOTAL		49

**25200100
SODDING**

LOCATION	SO YD	
KIRBY AVENUE CURB AND GUTTER REPLACEMENT LOCATIONS	49	
TOTAL		49

**25200200
SUPPLEMENTAL WATERING**

LOCATION	UNIT	
KIRBY AVENUE CURB AND GUTTER REPLACEMENT LOCATIONS	1	
TOTAL		1

**40201000
AGGREGATE FOR TEMPORARY ACCESS**

LOCATION	TON	
KIRBY AVENUE CURB AND GUTTER REPLACEMENT LOCATIONS	45	
TOTAL		45

**70300100
SHORT-TERM PAVEMENT MARKING**

LOCATION	FOOT	
KIRBY AVENUE AND PROSPECT AVENUE AFTER HMA SURFACE REMOVAL	3984	
AFTER LEVELING BINDER PLACEMENT	3984	
TOTAL		7968

**70300520
PAVEMENT MARKING TAPE, TYPE III 4"**

LOCATION	FOOT	
KIRBY AVENUE AND PROSPECT AVENUE AFTER HMA SURFACE COURSE PLACEMENT	3984	
TOTAL		3984

**70300570
PAVEMENT MARKING TAPE, TYPE III 24"**

LOCATION	FOOT	
KIRBY AVENUE AND PROSPECT AVENUE AFTER HMA SURFACE COURSE PLACEMENT AT SAME LOCATIONS AS FINAL MARKINGS	372	
TOTAL		372

**70301000
WORK ZONE PAVEMENT MARKING REMOVAL**

LOCATION	SO FT	
KIRBY AVENUE AND PROSPECT AVENUE REMOVAL OF PAVEMENT MARKING TAPE, TYPE III 4" AND 24"	2072	
TOTAL		2072

TEMPORARY RAMP, SPECIAL

LOCATION	EACH	
KIRBY AVENUE AND PROSPECT AVENUE AT EXISTING DRIVEWAYS	75	
TOTAL		75

LOCATION	REMOVAL SCHEDULE OF QUANTITIES											
	44000157 HOT-MIX ASPHALT SURFACE REMOVAL, 2" (SQ YD)	44000162 HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (SQ YD)	44000500 COMBINATION CURB AND GUTTER REMOVAL (FOOT)	44002020 CONCRETE MEDIAN SURFACE REMOVAL (SQ FT)	44003100 MEDIAN REMOVAL (SQ FT)	44200990 CLASS B PATCHES, TYPE I, 12 INCH (SQ YD)	44200994 CLASS B PATCHES, TYPE II, 12 INCH (SQ YD)	44213200 SAW CUTS (FOOT)	89502380 REMOVE EXISTING HANDHOLE (EACH)	89502385 REMOVE EXISTING CONCRETE FOUNDATION (EACH)	XX001135 PAVEMENT PATCHING SPECIAL (SQ YD)	Z0017202 DOWEL BARS 1 1/2" (EACH)
KIRBY AVENUE												
SHEET NO. 11												
STA. 7+53.00 TO STA. 11+50.00	----	2340.2	72.4	----	----	----	48.0	150	----	----	12.3	80
SHEET NO. 12												
STA. 11+50.00 TO STA. 17+00.00	----	3373.6	418.0	1111.2	----	----	22.0	71	----	----	12.3	38
SHEET NO. 13												
STA. 17+00.00 TO STA. 22+50.00	----	3055.3	171.2	----	----	----	74.6	218	----	----	10.0	120
SHEET NO. 14												
STA. 22+50.00 TO STA. 28+00.00	----	3164.5	100.3	----	41.0	8.0	----	52	1	2	5.6	12
SHEET NO. 15												
STA. 28+00.00 TO STA. 33+50.00	----	3058.8	----	----	----	----	53.2	146	----	----	10.0	80
SHEET NO. 16												
STA. 33+50.00 TO STA. 39+00.00	----	3174.1	----	----	----	----	21.4	72	----	----	9.0	40
SHEET NO. 17												
STA. 39+00.00 TO STA. 44+50.00	----	3186.0	----	----	----	----	53.2	146	----	----	8.2	80
SHEET NO. 18												
STA. 44+50.00 TO STA. 50+00.00	224.6	2714.7	----	----	----	----	96.0	282	----	----	5.4	160
SHEET NO. 19												
STA. 50+00.00 TO STA. 55+40.00	3497.3	----	----	----	----	----	----	----	----	----	5.9	----
SHEET NO. 20												
STA. 55+40.00 TO STA. 59+00.00 & STA. 599+25.00 TO STA. 600+75.00	3248.9	----	----	----	----	----	----	----	----	----	0.5	----
SHEET NO. 21												
STA. 59+00.00 TO STA. 62+70.00	2217.8	----	----	----	----	----	----	----	----	----	----	----
PROSPECT AVENUE												
SHEET NO. 22												
STA. 593+64.00 TO STA. 599+25.00	3509.1	----	----	----	----	----	----	----	----	----	3.6	----
SHEET NO. 23												
STA. 600+75.00 TO STA. 604+71.00	2416.1	----	----	----	----	----	----	----	----	----	----	----
TOTALS	15113.8	24067.2	761.9	1111.2	41.0	8.0	368.4	1137	1	2	82.8	610

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DRAWN - J.L.B.	REVISED -
CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE : NONE SHEET NO. 4 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	4
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 91408	
FED. AID PROJECT ARA-5181 (046)				

SCHEDULE OF QUANTITIES

LOCATION	PROPOSED SCHEDULE OF QUANTITIES												
	40600100 BITUMINOUS MATERIALS (PRIME COAT) (0.10 GAL/SY) (GALLON)	40600300 AGGREGATE (PRIME COAT) (TON)	40600400 MIXTURE FOR CRACKS JOINTS AND FLANGEWAYS (TON)	40600845 POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90 (1 1/4" THICK) (TON)	40600990 TEMPORARY RAMP (SQ YD)	40603545 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (2" THICK) (TON)	44300200 STRIP REFLECTIVE CRACK CONTROL TREATMENT (FOOT)	60406000 FRAMES AND LIDS, TYPE 1, OPEN LID (EACH)	60406100 FRAMES AND LIDS, TYPE 1, CLOSED LID (EACH)	60406500 FRAMES AND LIDS, SPECIAL (EACH)	60406510 FRAMES AND LIDS (SALVAGED) (EACH)	60604200 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) (FOOT)	60620700 CONCRETE MEDIAN, TYPE SB-9.06 (SQ FT)
KIRBY AVENUE													
SHEET NO. 11													
STA. 7+53.00 TO STA. 11+50.00	234	6	0.5	164	154	262	1588	1	2	1	2	72.4	----
SHEET NO. 12													
STA. 11+50.00 TO STA. 17+00.00	337	9	0.7	236	153	378	1752	----	1	2	3	39.7	1489.8
SHEET NO. 13													
STA. 17+00.00 TO STA. 22+50.00	306	8	0.6	214	31	342	2200	----	4	1	----	171.2	----
SHEET NO. 14													
STA. 22+50.00 TO STA. 28+00.00	317	8	0.7	222	59	355	2200	----	2	----	----	100.3	----
SHEET NO. 15													
STA. 28+00.00 TO STA. 33+50.00	306	8	0.6	214	28	343	2200	----	2	2	1	----	----
SHEET NO. 16													
STA. 33+50.00 TO STA. 39+00.00	318	8	0.7	222	58	356	2200	----	3	2	----	----	----
SHEET NO. 17													
STA. 39+00.00 TO STA. 44+50.00	319	8	0.7	223	58	357	2200	----	----	2	2	----	----
SHEET NO. 18													
STA. 44+50.00 TO STA. 50+00.00	294	8	0.6	190	27	329	2282	----	----	1	2	----	----
SHEET NO. 19													
STA. 50+00.00 TO STA. 55+40.00	350	9	0.7	----	166	392	3240	1	2	----	----	----	----
SHEET NO. 20													
STA. 55+40.00 TO STA. 59+00.00 & STA. 599+25.00 TO STA. 600+75.00	325	8	0.7	----	344	364	2520	----	----	----	----	----	----
SHEET NO. 21													
STA. 59+00.00 TO STA. 62+70.00	222	6	0.5	----	105	249	1780	----	----	----	----	----	----
PROSPECT AVENUE													
SHEET NO. 22													
STA. 593+64.00 TO STA. 599+25.00	351	9	0.7	----	323	393	2244	1	1	----	----	----	----
SHEET NO. 23													
STA. 600+75.00 TO STA. 604+71.00	242	6	0.5	----	271	271	1584	----	----	----	----	----	----
TOTALS	3921	101	8.2	1685	1777	4391	27990	3	17	11	10	383.6	1489.8

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE : NONE SHEET NO. 5 OF 27 SHEETS STA. TO STA.

F.A.U. RTE. 7138	SECTION 09-00281-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 27	SHEET NO. 5
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)			CONTRACT NO. 91408	

SCHEDULE OF QUANTITIES

LOCATION	PAVEMENT MARKING SCHEDULE OF QUANTITIES									
	78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"				78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"	78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"		78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	
	TURN ARROWS (SQ FT)	SKIP-DASH YELLOW (FOOT)	SOLID YELLOW (FOOT)	DOUBLE YELLOW NARROW (FOOT)	SKIP-DASH WHITE (FOOT)	SOLID WHITE (FOOT)	CROSSWALK WHITE (FOOT)	DIAGONAL YELLOW (FOOT)	CROSSWALK WHITE (FOOT)	STOP BAR WHITE (FOOT)
KIRBY AVENUE										
SHEET NO. 11 STA. 7+53.00 TO STA. 11+50.00	----	----	----	1198	180	----	102	81	----	18
SHEET NO. 12 STA. 11+50.00 TO STA. 17+00.00	----	----	445	785	220	----	203	88	84	35
SHEET NO. 13 STA. 17+00.00 TO STA. 22+50.00	----	----	----	1810	250	----	103	113	----	18
SHEET NO. 14 STA. 22+50.00 TO STA. 28+00.00	----	----	----	1925	220	----	283	112	102	76
SHEET NO. 15 STA. 28+00.00 TO STA. 33+50.00	----	----	----	1809	250	----	----	107	----	----
SHEET NO. 16 STA. 33+50.00 TO STA. 39+00.00	----	----	----	1809	220	----	----	103	----	----
SHEET NO. 17 STA. 39+00.00 TO STA. 44+50.00	----	----	----	1809	240	----	----	107	----	----
SHEET NO. 18 STA. 44+50.00 TO STA. 50+00.00	----	----	----	2200	280	----	----	129	----	----
SHEET NO. 19 STA. 50+00.00 TO STA. 55+40.00	93.6	140	768	436	250	57	----	66	----	27
SHEET NO. 20 STA. 55+40.00 TO STA. 59+00.00 & STA. 599+25.00 TO STA. 600+75.00	78.0	----	509	52	180	278	349	22	396	166
SHEET NO. 21 STA. 59+00.00 TO STA. 62+70.00	31.2	----	237	1007	180	74	----	149	----	----
PROSPECT AVENUE										
SHEET NO. 22 STA. 593+64.00 TO STA. 599+25.00	62.4	110	390	894	250	101	96	54	----	16
SHEET NO. 23 STA. 600+75.00 TO STA. 604+71.00	46.8	----	----	875	170	178	----	35	----	16
SUB-TOTAL	312.0	250	2349	16609	2890	688	1136	1166	582	372
TOTAL	312.0			22786			1136	1748		372

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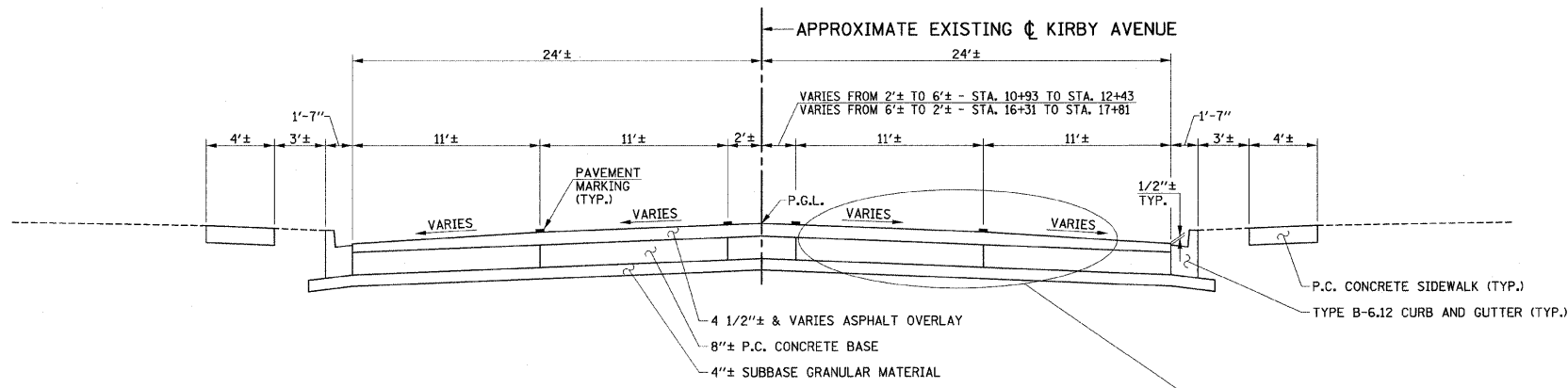
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

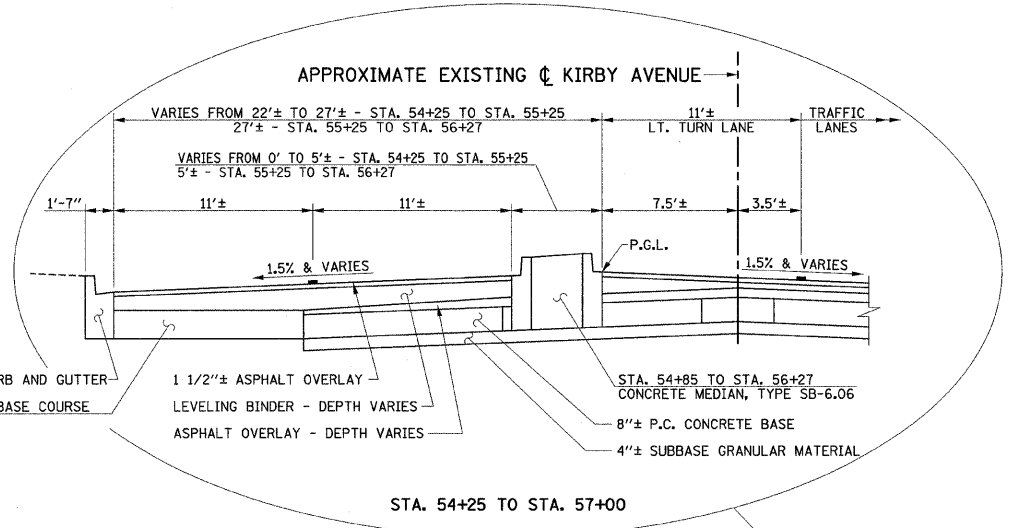
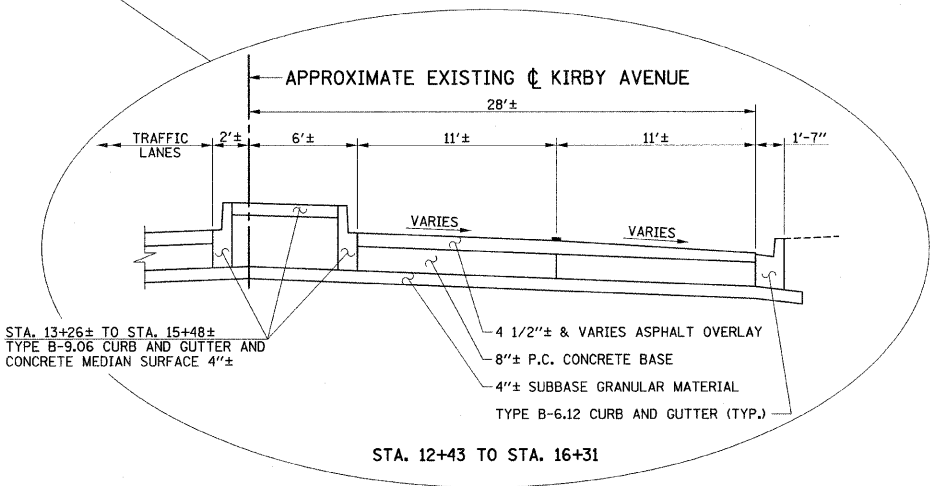
SCHEDULE OF QUANTITIES

SCALE : NONE SHEET NO. 6 OF 27 SHEETS STA. TO STA.

F.A.U. RTE. 7138	SECTION 09-00281-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 27	SHEET NO. 6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)			CONTRACT NO. 91408	

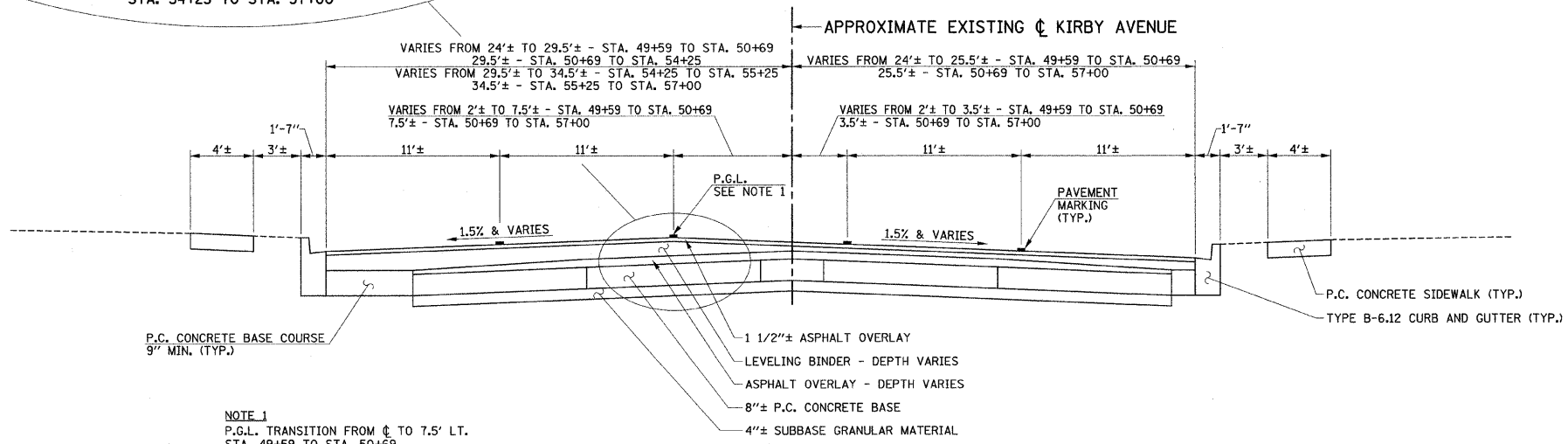


**EXISTING TYPICAL CROSS SECTION
KIRBY AVENUE
STA. 7+53 TO STA. 49+59**



TYPE B-6.12 CURB AND GUTTER
P.C. CONCRETE BASE COURSE
9" MIN.

STA. 54+25 TO STA. 57+00



NOTE 1
P.G.L. TRANSITION FROM ϕ TO 7.5' LT.
STA. 49+59 TO STA. 50+69

**EXISTING TYPICAL CROSS SECTION
KIRBY AVENUE
STA. 49+59 TO STA. 57+00**

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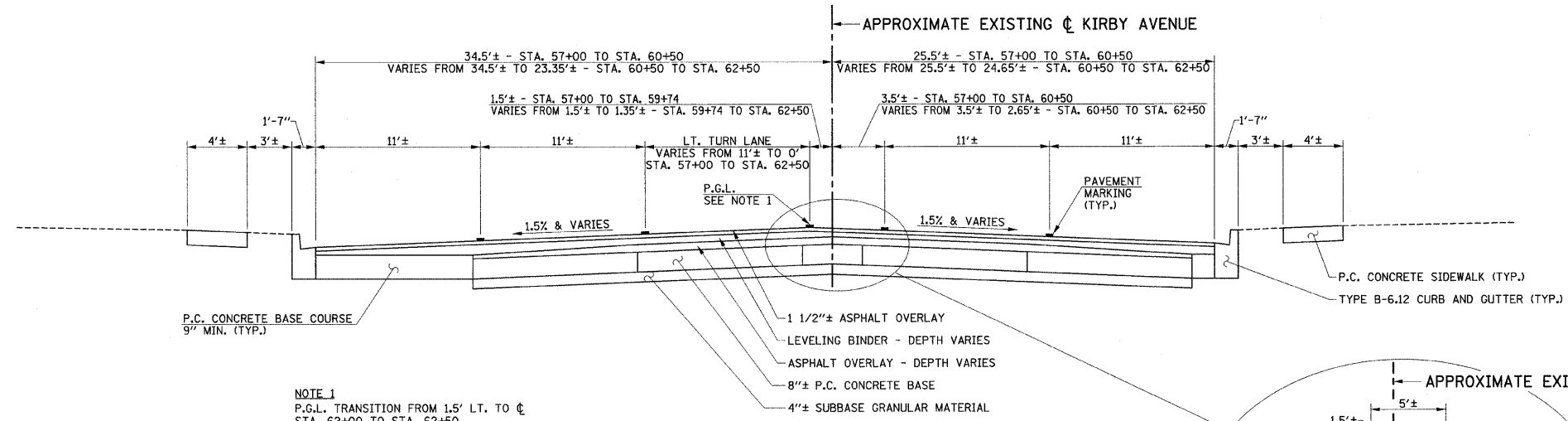
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

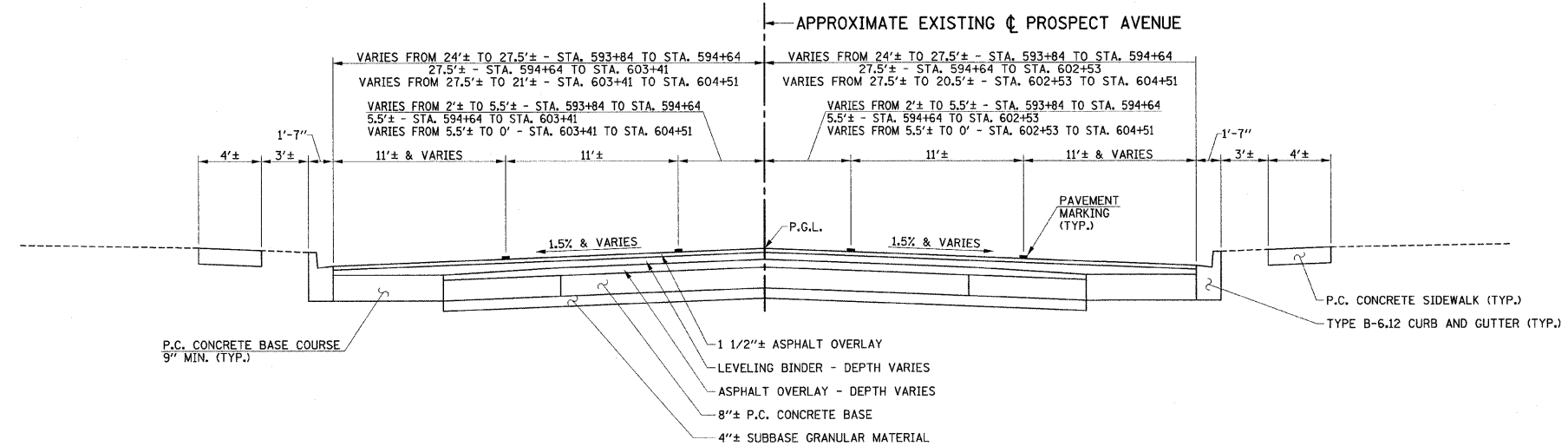
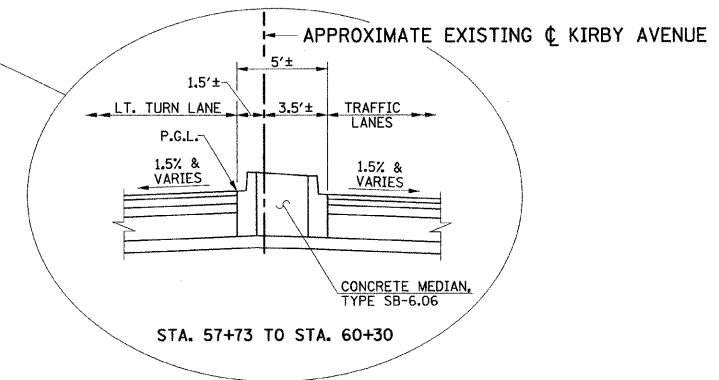
EXISTING TYPICAL SECTIONS

SCALE : NONE SHEET NO. 7 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)			CONTRACT NO. 91408	

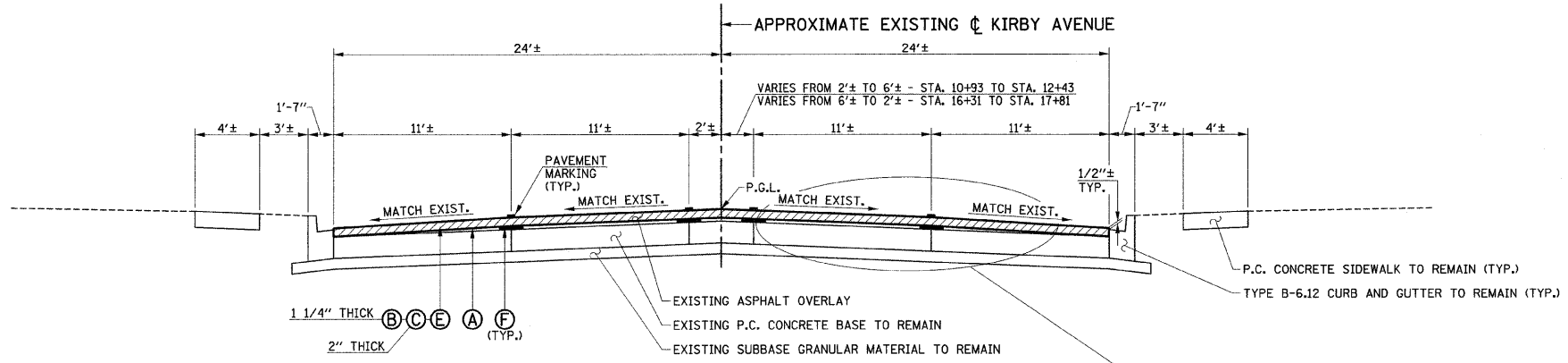


**EXISTING TYPICAL CROSS SECTION
KIRBY AVENUE
STA. 57+00 TO STA. 62+70**

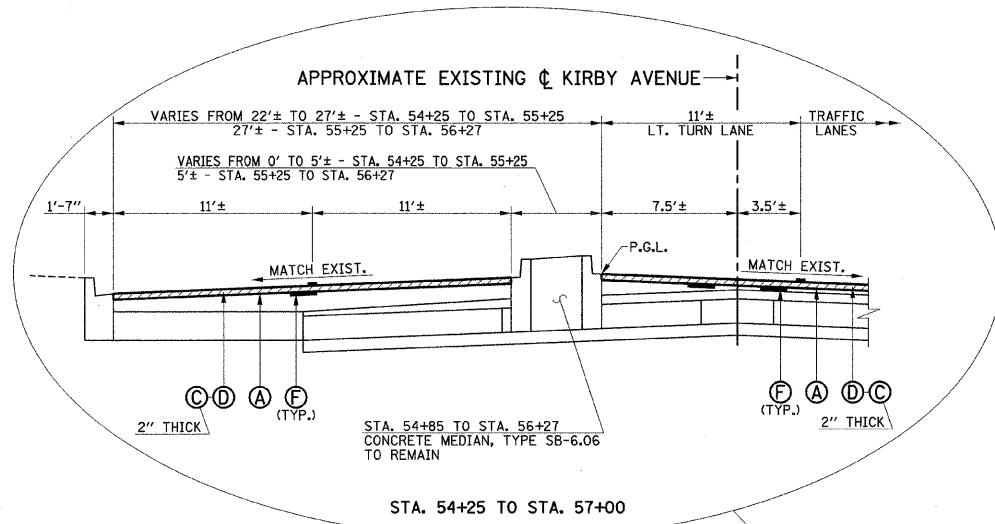


**EXISTING TYPICAL CROSS SECTION
PROSPECT AVENUE
STA. 593+64 TO STA. 604+71**

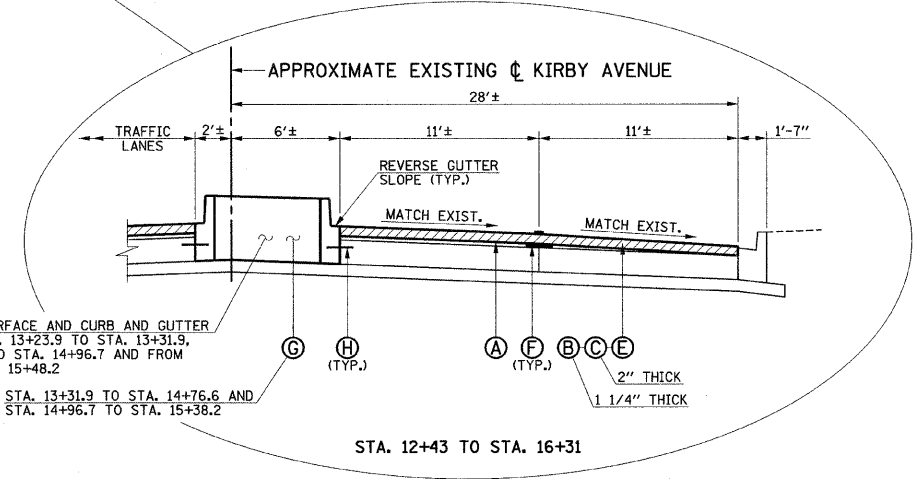
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	DRAWN - J.L.B.	REVISED -		SCALE: NONE	SHEET NO. 8 OF 27 SHEETS	STA. TO STA.	7138	09-00281-00-RS	CHAMPAIGN	27
PLOT DATE = 7/16/2009 10:44:33 AM	CHECKED - J.T.P.	REVISED -	CITY OF CHAMPAIGN SECTION NO. 09-00281-00-RS CHAMPAIGN COUNTY			CONTRACT NO. 91408				
	DATE - 6-09	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)				



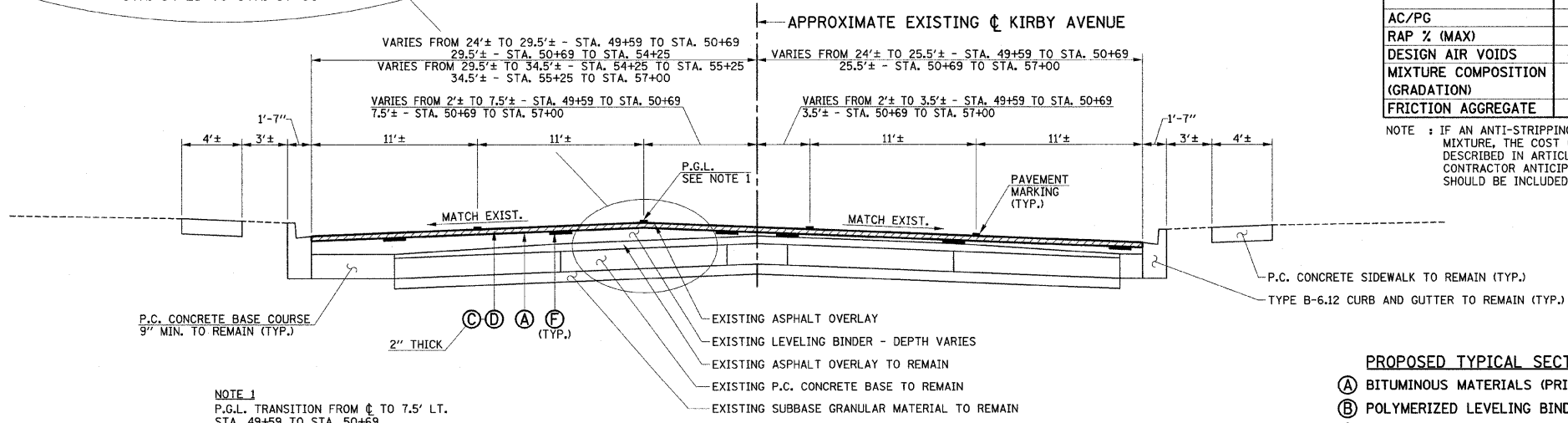
**PROPOSED TYPICAL CROSS SECTION
KIRBY AVENUE
STA. 7+53 TO STA. 49+59**



STA. 54+25 TO STA. 57+00



STA. 12+43 TO STA. 16+31



**PROPOSED TYPICAL CROSS SECTION
KIRBY AVENUE
STA. 49+59 TO STA. 57+00**

NOTE 1
P.G.L. TRANSITION FROM ϕ TO 7.5' LT.
STA. 49+59 TO STA. 50+69

HOT MIX ASPHALT MIXTURE REQUIREMENTS TABLE

LOCATION	Ⓒ KIRBY AVE. & PROSPECT AVE.	Ⓑ KIRBY AVE.
MIXTURE USE:	POLYMERIZED SURFACE	POLYMERIZED LEVELING BINDER
AC/PG	SBS PG 70-22	SBS PG 70-22
RAP % (MAX)	10	10
DESIGN AIR VOIDS	4.0% @ NDES = 90	4.0% @ NDES = 90
MIXTURE COMPOSITION (GRADATION)	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIXTURE D	MIXTURE C

NOTE : IF AN ANTI-STRIPPING ADDITIVE IS REQUIRED FOR ANY HOT MIX ASPHALT MIXTURE, THE COST OF THE ADDITIVE WILL NOT BE PAID FOR SEPARATELY AS DESCRIBED IN ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS. IF THE CONTRACTOR ANTICIPATES THAT AN ADDITIVE WILL BE NEEDED, THE COST SHOULD BE INCLUDED IN THE UNIT BID PRICE.

PROPOSED TYPICAL SECTION KEY

- Ⓐ BITUMINOUS MATERIALS (PRIME COAT) - 0.10 GAL/SQ YD
- Ⓑ POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90
- Ⓒ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
- Ⓓ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- Ⓔ HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
- Ⓕ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- Ⓖ CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL) (STD. 606301)
- Ⓗ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 X 24" EPOXY COATED TIE BARS AT 24" CENTERS DRILLED AND GROUTED IN PLACE (STD. 420001)

SEE SHEET NO. 10 FOR PROPOSED TYPICAL SECTION NOTES.

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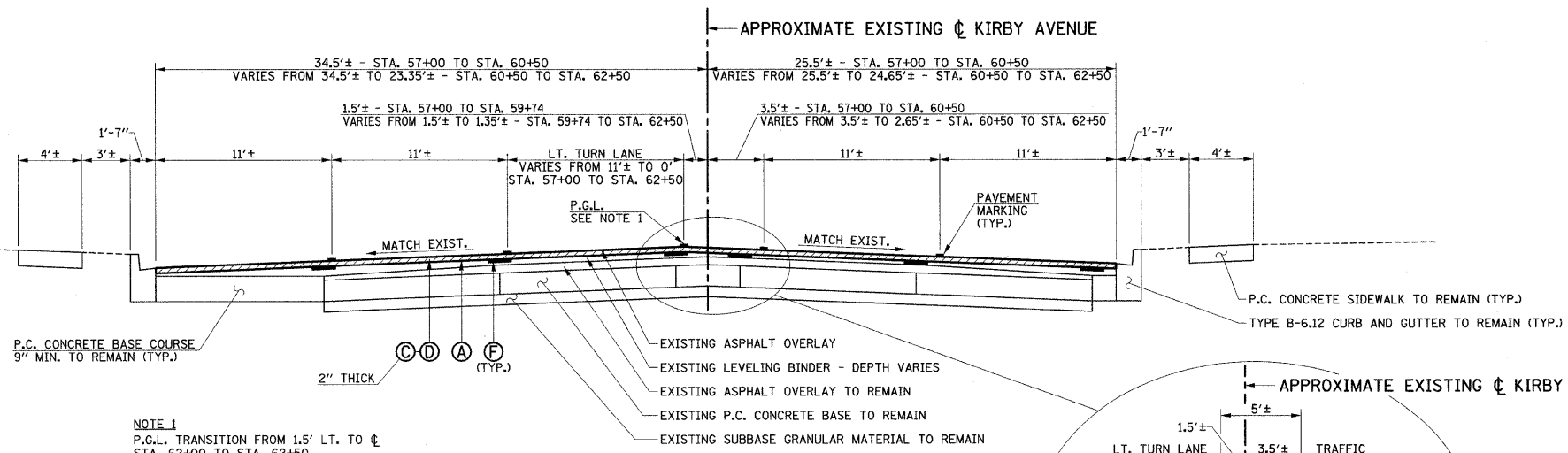
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

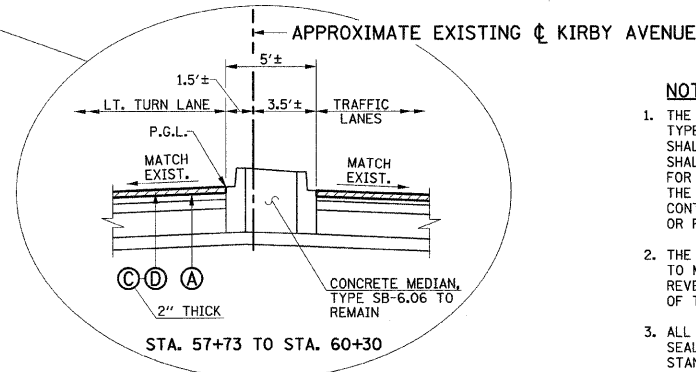
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F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	9
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 91408	
FED. AID PROJECT ARA-5181 (046)				



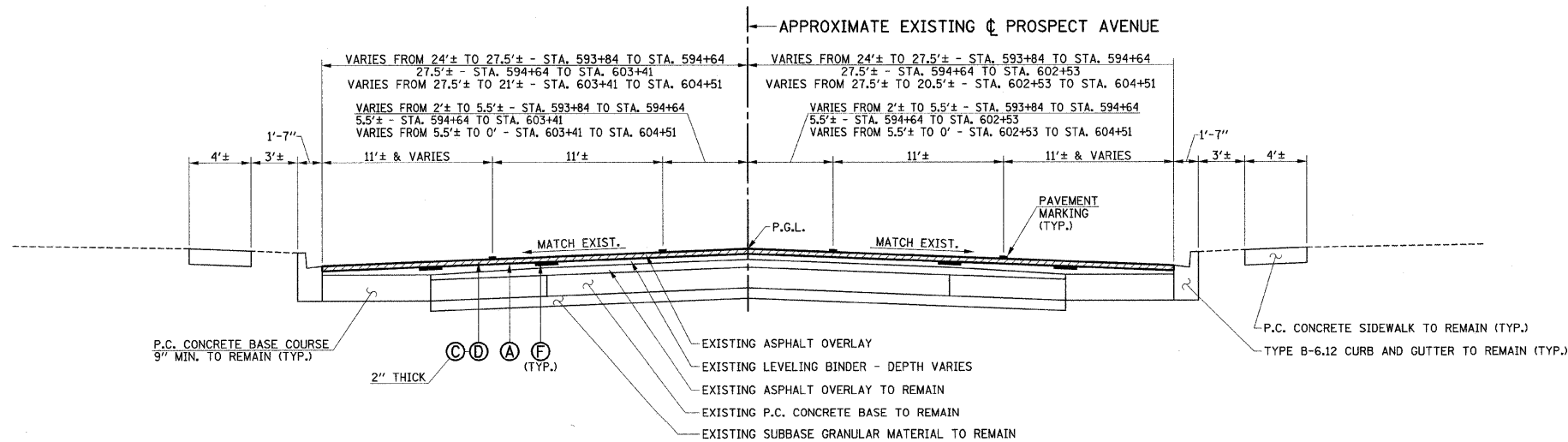
NOTE 1
P.G.L. TRANSITION FROM 1.5' LT. TO ϕ STA. 62+00 TO STA. 62+50

**PROPOSED TYPICAL CROSS SECTION
KIRBY AVENUE
STA. 57+00 TO STA. 62+50**



NOTES

1. THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) AND THE CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL) SHALL BE IN ACCORDANCE WITH STANDARDS 606001 AND 606301 EXCEPT THEY SHALL BE CONSTRUCTED TO THE FULL THICKNESS OF THE EXISTING PAVEMENT. THE CURB AND GUTTER SHALL ALSO BE CONSTRUCTED WITH A HIGH EARLY STRENGTH CONCRETE MIX. SEE THE SPECIAL PROVISIONS FOR THE CONCRETE MIX REQUIREMENTS. THE COST OF THE CURB AND GUTTER AND THE MEDIAN, INCLUDING THE ADDITIONAL THICKNESS AND THE HIGH EARLY STRENGTH CONCRETE MIX SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) OR PER SQUARE FOOT FOR CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL).
2. THE CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL) SHALL BE CONSTRUCTED WITH REVERSE GUTTER FLAG SLOPES TO MATCH THE SLOPE OF ADJACENT PAVEMENT. THE COST OF CONSTRUCTING THE CONCRETE MEDIAN WITH REVERSE GUTTER FLAG SLOPES WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE CONCRETE MEDIAN.
3. ALL SAWED JOINTS IN THE COMBINATION CONCRETE CURB AND GUTTER AND CONCRETE MEDIAN SHALL BE SEALED WITH A JOINT SEALER MEETING THE REQUIREMENTS OF ARTICLES 606.07 AND 606.09 OF THE STANDARD SPECIFICATIONS.
4. LONGITUDINAL CONSTRUCTION JOINTS BETWEEN THE EXISTING PAVEMENT AND COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) OR CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL) SHALL BE TIED WITH NO. 6 EPOXY COATED TIE BARS SPACED AT 24" CENTERS AS SHOWN ON STANDARD 420001. EXISTING TIE BARS THAT ARE IN GOOD CONDITION MAY BE USED IN PLACE OF THE NEW TIE BARS WITH THE APPROVAL OF THE ENGINEER.
5. SAWED TRANSVERSE CONTRACTION JOINTS 3" DEEP SHALL BE PLACED IN THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) IN PROLONGATION OF THE EXISTING PAVEMENT JOINTS. ADDITIONAL JOINTS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER SO THAT THE MAXIMUM JOINT SPACING DOES NOT EXCEED 20 FOOT MAXIMUM CENTERS. TWO 1 1/4" DIAMETER, 18" LONG EPOXY COATED DOWEL BARS SHALL BE INSTALLED IN THE JOINTS. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 606.07 OF THE STANDARD SPECIFICATIONS.
6. SAWED TRANSVERSE CONTRACTION JOINTS 1/3 THE DEPTH OF THE CONCRETE MEDIANS SHALL BE PLACED IN PROLONGATION OF THE EXISTING PAVEMENT JOINTS. ADDITIONAL JOINTS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER SO THAT THE MAXIMUM JOINT SPACING DOES NOT EXCEED 20 FOOT MAXIMUM CENTERS. DOWEL BARS WILL NOT BE REQUIRED ACROSS THE TRANSVERSE JOINTS IN MEDIANS. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 606.09 OF THE STANDARD SPECIFICATIONS.
7. TRANSVERSE EXPANSION JOINTS IN THE CONCRETE MEDIAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301 OR AS DIRECTED BY THE ENGINEER.
8. ON THE MAINLINE PAVEMENTS THE LEVELING BINDER AND HOT-MIX ASPHALT SURFACE COURSE SHALL BE PLACED WITH TWO SPREADING AND FINISHING MACHINES SIMULTANEOUSLY SO THAT THE JOINT BETWEEN LANES WILL BE AN INTEGRAL BONDED JOINT. THE PAVEMENT CENTERLINE JOINT WILL BE A STANDARD LONGITUDINAL COLD JOINT. SEE THE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.
9. TOPSOIL 6 INCHES THICK SHALL BE PLACED IN AREAS DISTURBED FOR THE CONSTRUCTION OF CURB AND GUTTERS. THE TOPSOIL SHALL BE A VEGETATIVE SUSTAINING SOIL COVERING THE TOP 6" OF AREAS TO BE SODDED. THE TOPSOIL SHALL MEET THE REQUIREMENTS OF ARTICLE 1081.05 OF THE STANDARD SPECIFICATIONS OR BE APPROVED BY THE ENGINEER. THE TOPSOIL REQUIRED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR TOPSOIL FURNISH AND PLACE, 6".
10. ALL EXPOSED EARTH AREAS SHALL BE SODDED IN ACCORDANCE WITH SECTION 252 OF THE STANDARD SPECIFICATIONS.



**PROPOSED TYPICAL CROSS SECTION
PROSPECT AVENUE
STA. 593+64 TO STA. 604+71**

PROPOSED TYPICAL SECTION KEY

- (A) BITUMINOUS MATERIALS (PRIME COAT) - 0.10 GAL/SQ YD
- (B) POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90
- (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
- (F) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (G) CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL) (STD. 606301)
- (H) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 X 24" EPOXY COATED TIE BARS AT 24" CENTERS DRILLED AND GROUTED IN PLACE (STD. 420001)

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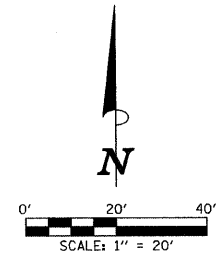
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

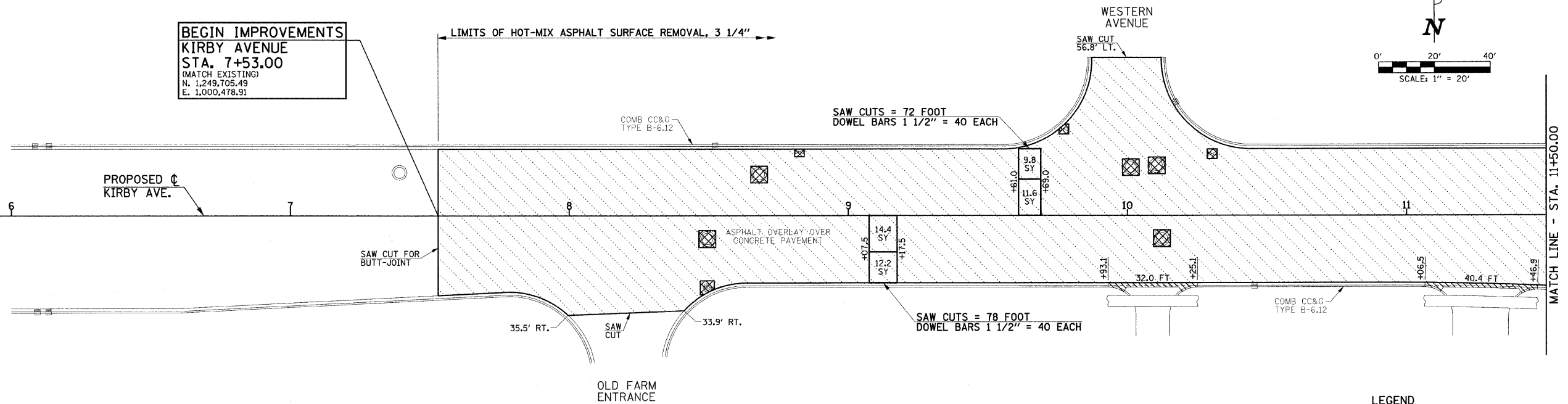
SCALE : NONE SHEET NO. 10 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-R5	CHAMPAIGN	27	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)			CONTRACT NO. 91408	

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



BEGIN IMPROVEMENTS
KIRBY AVENUE
STA. 7+53.00
(MATCH EXISTING)
N. 1,249,705.49
E. 1,000,478.91



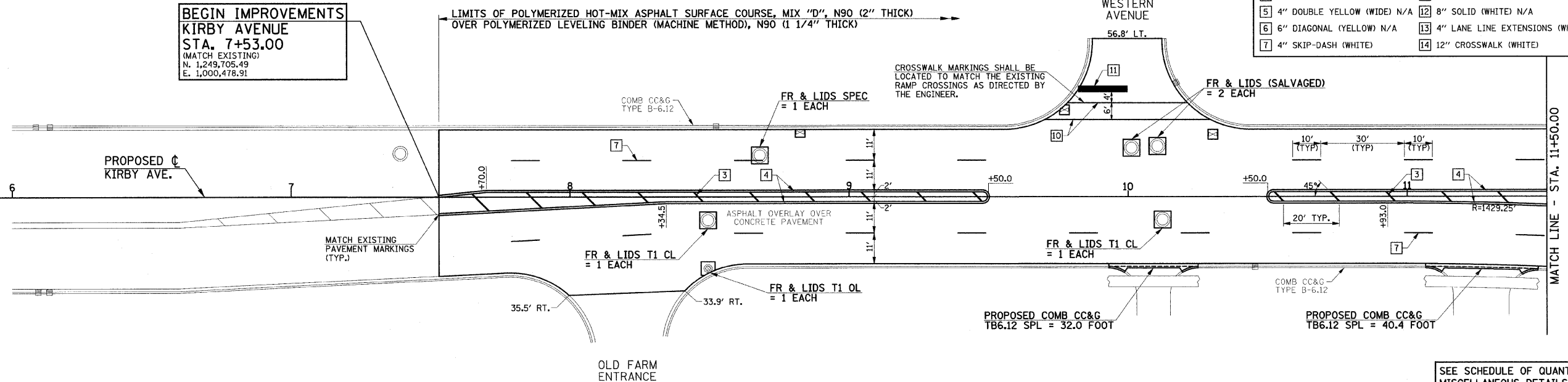
- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

BEGIN IMPROVEMENTS
KIRBY AVENUE
STA. 7+53.00
(MATCH EXISTING)
N. 1,249,705.49
E. 1,000,478.91

TYPICAL PAVEMENT MARKING LEGEND			
1	4" SKIP-DASH (YELLOW)	8	4" SOLID (WHITE)
2	4" SOLID (YELLOW)	9	12" DIAGONAL (WHITE) N/A
3	12" DIAGONAL (YELLOW)	10	6" CROSSWALK (WHITE)
4	4" DOUBLE YELLOW (NARROW)	11	24" STOP BAR (WHITE)
5	4" DOUBLE YELLOW (WIDE) N/A	12	8" SOLID (WHITE) N/A
6	6" DIAGONAL (YELLOW) N/A	13	4" LANE LINE EXTENSIONS (WHITE) N/A
7	4" SKIP-DASH (WHITE)	14	12" CROSSWALK (WHITE)



SEE SCHEDULE OF QUANTITIES AND MISCELLANEOUS DETAILS SHEET FOR ADDITIONAL INFORMATION.

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

FILE NAME = p:\c0010470\plans\sheets\kirbyp1an.dgn
PLOT DATE = 7/16/2009 10:44:36 AM

DESIGNED - R.L.H.	REVISED -
DRAWN - J.L.B.	REVISED -
CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

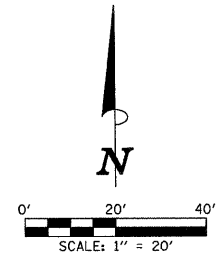
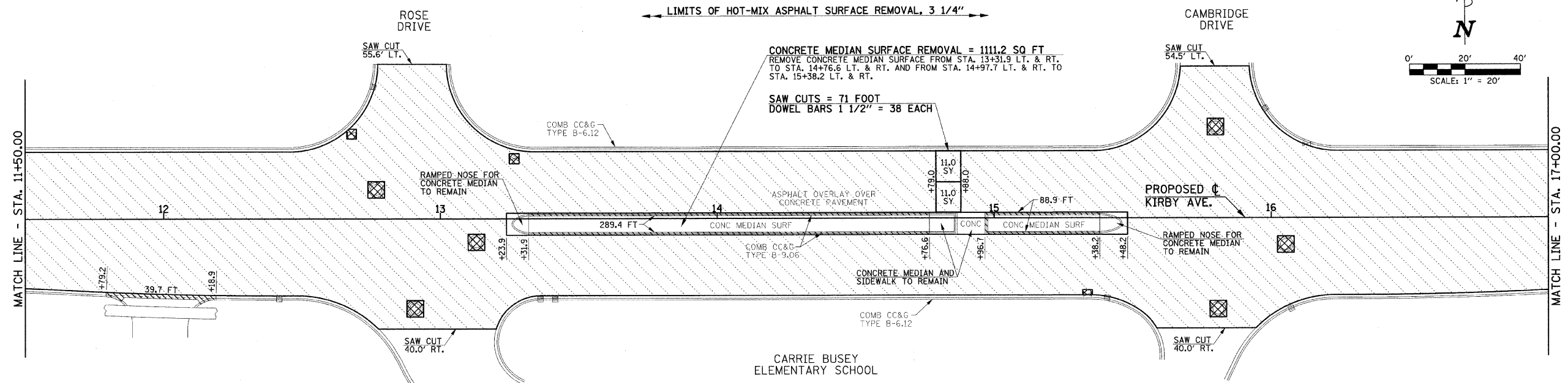
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - KIRBY AVENUE

SCALE: 1"=20' SHEET NO. 11 OF 27 SHEETS STA. 7+53.00 TO STA. 11+50.00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	11
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 91408	
FED. AID PROJECT ARA-S181 (046)				

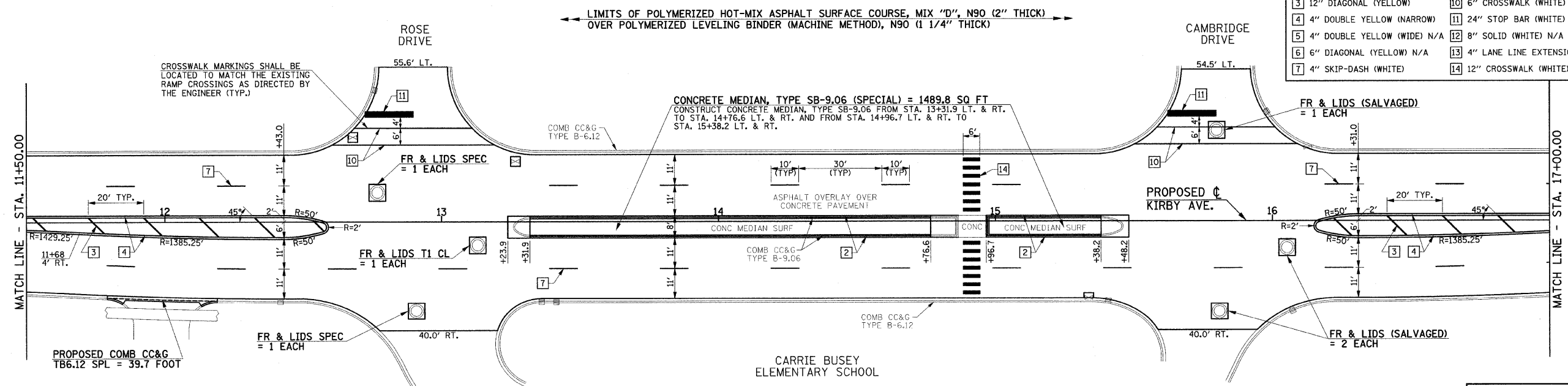
SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



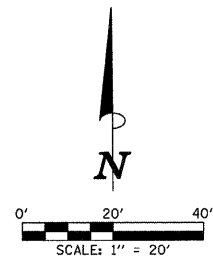
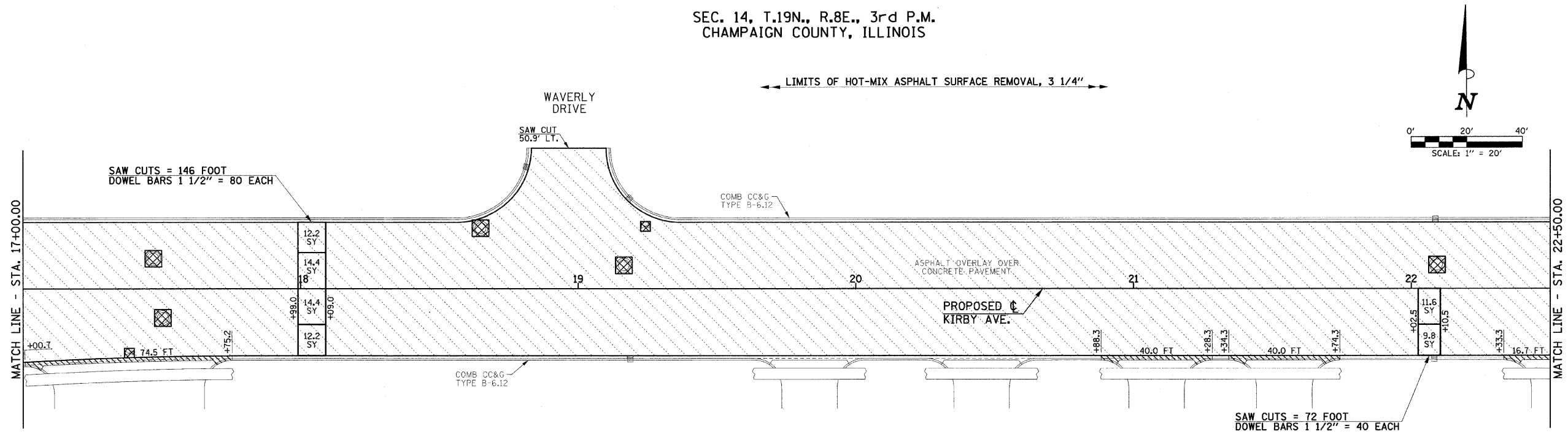
- TYPICAL PAVEMENT MARKING LEGEND**
- | | |
|-------------------------------|--|
| 1 4" SKIP-DASH (YELLOW) | 8 4" SOLID (WHITE) |
| 2 4" SOLID (YELLOW) | 9 12" DIAGONAL (WHITE) N/A |
| 3 12" DIAGONAL (YELLOW) | 10 6" CROSSWALK (WHITE) |
| 4 4" DOUBLE YELLOW (NARROW) | 11 24" STOP BAR (WHITE) |
| 5 4" DOUBLE YELLOW (WIDE) N/A | 12 8" SOLID (WHITE) N/A |
| 6 6" DIAGONAL (YELLOW) N/A | 13 4" LANE LINE EXTENSIONS (WHITE) N/A |
| 7 4" SKIP-DASH (WHITE) | 14 12" CROSSWALK (WHITE) |

SEE SCHEDULE OF QUANTITIES AND MISCELLANEOUS DETAILS SHEET FOR ADDITIONAL INFORMATION.

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

FILE NAME = p:\c0010470\plans\sheet\kirbyplan.dgn	DESIGNED - R.L.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN - KIRBY AVENUE	F.A.U. RTE. 7138	SECTION 09-00281-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 27	SHEET NO. 12	
PLOT DATE = 7/16/2009 10:44:37 AM	DRAWN - J.L.B.	REVISED -			SCALE : 1"=20'	SHEET NO. 12 OF 27 SHEETS	STA. 11+50.00	TO STA. 17+00.00	CONTRACT NO. 91408	
	CHECKED - J.T.P.	REVISED -			CITY OF CHAMPAIGN SECTION NO. 09-00281-00-RS CHAMPAIGN COUNTY					
	DATE - 6-09	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)					

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



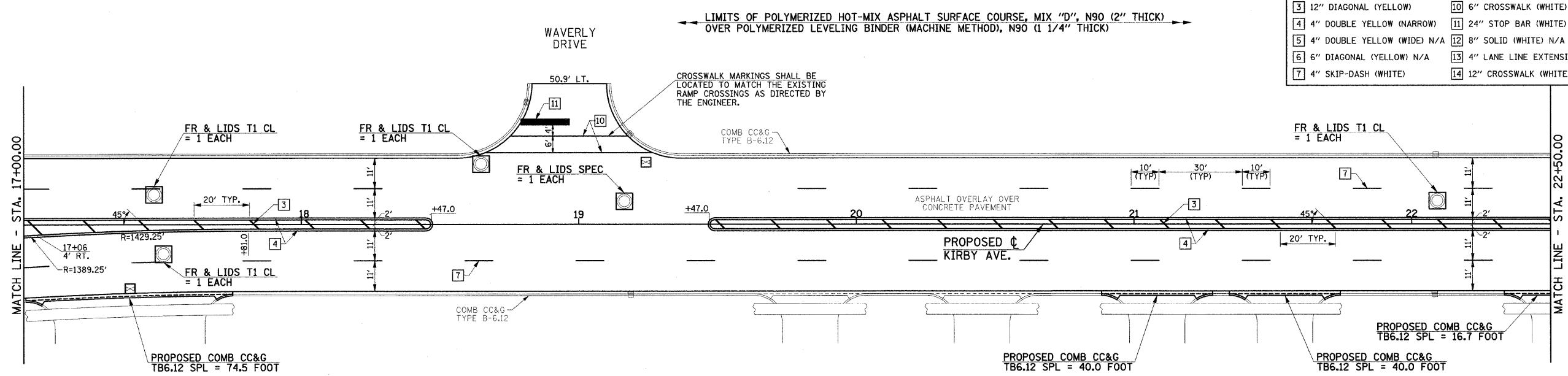
- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

TYPICAL PAVEMENT MARKING LEGEND

1 4" SKIP-DASH (YELLOW)	8 4" SOLID (WHITE)
2 4" SOLID (YELLOW)	9 12" DIAGONAL (WHITE) N/A
3 12" DIAGONAL (YELLOW)	10 6" CROSSWALK (WHITE)
4 4" DOUBLE YELLOW (NARROW)	11 24" STOP BAR (WHITE)
5 4" DOUBLE YELLOW (WIDE) N/A	12 8" SOLID (WHITE) N/A
6 6" DIAGONAL (YELLOW) N/A	13 4" LANE LINE EXTENSIONS (WHITE) N/A
7 4" SKIP-DASH (WHITE)	14 12" CROSSWALK (WHITE)

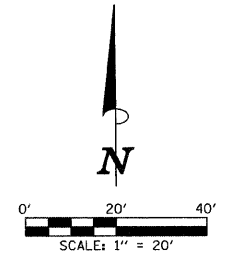
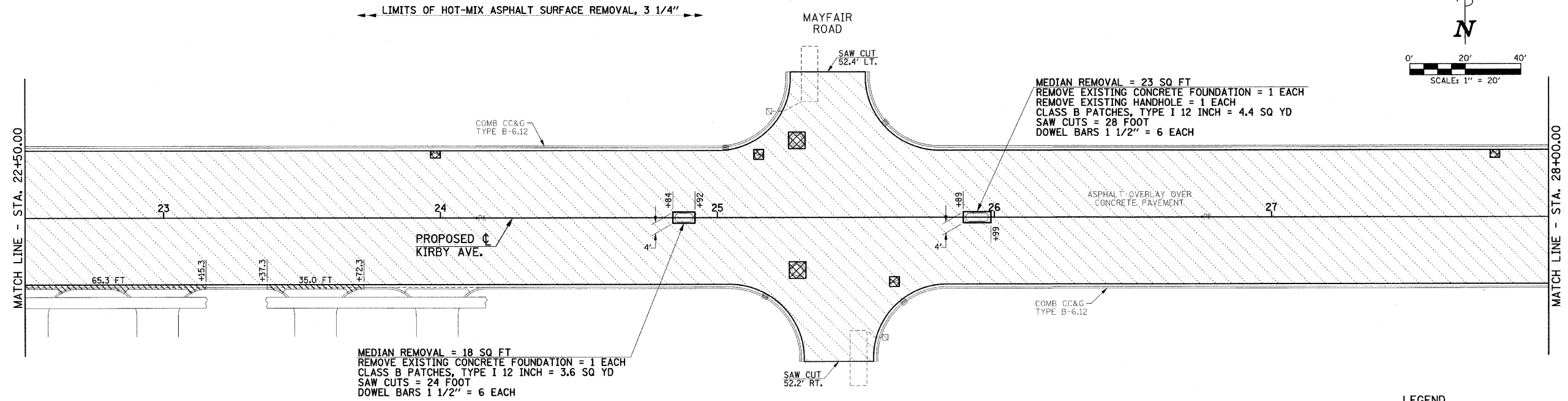


SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEE SCHEDULE OF QUANTITIES AND MISCELLANEOUS DETAILS SHEET FOR ADDITIONAL INFORMATION.

FILE NAME = p:\c0010470\plans\sheets\kirbyplan.dgn	DESIGNED - R.L.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN - KIRBY AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT DATE = 7/16/2009 10:44:37 AM	DRAWN - J.L.B.	REVISED -			7138	09-00281-00-RS	CHAMPAIGN	27	13	
	CHECKED - J.T.P.	REVISED -			CONTRACT NO. 91408					
	DATE - 6-09	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)					

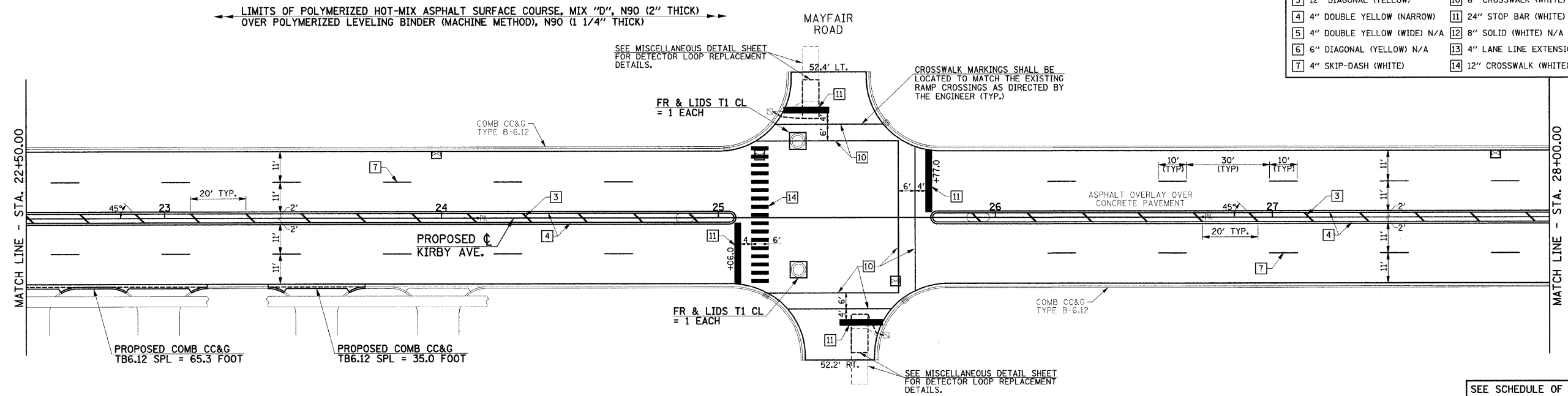
SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



TYPICAL PAVEMENT MARKING LEGEND

1 4" SKIP-DASH (YELLOW)	8 4" SOLID (WHITE)
2 4" SOLID (YELLOW)	9 12" DIAGONAL (WHITE) N/A
3 12" DIAGONAL (YELLOW)	10 6" CROSSWALK (WHITE)
4 4" DOUBLE YELLOW (NARROW)	11 24" STOP BAR (WHITE)
5 4" DOUBLE YELLOW (WIDE) N/A	12 8" SOLID (WHITE) N/A
6 6" DIAGONAL (YELLOW) N/A	13 4" LANE LINE EXTENSIONS (WHITE) N/A
7 4" SKIP-DASH (WHITE)	14 12" CROSSWALK (WHITE)

SEE SCHEDULE OF QUANTITIES AND MISCELLANEOUS DETAILS SHEET FOR ADDITIONAL INFORMATION.

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

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CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

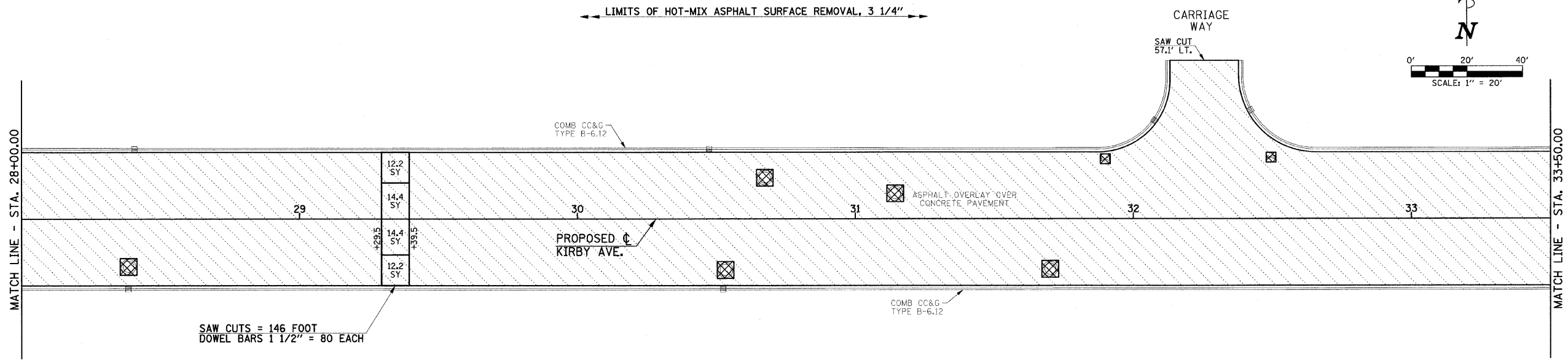
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - KIRBY AVENUE

SCALE: 1"=20' SHEET NO. 14 OF 27 SHEETS STA. 22+50.00 TO STA. 28+00.00

F.A.U. RTE. 7138	SECTION 09-00281-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 27	SHEET NO. 14
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT ARA-5181 (046)		

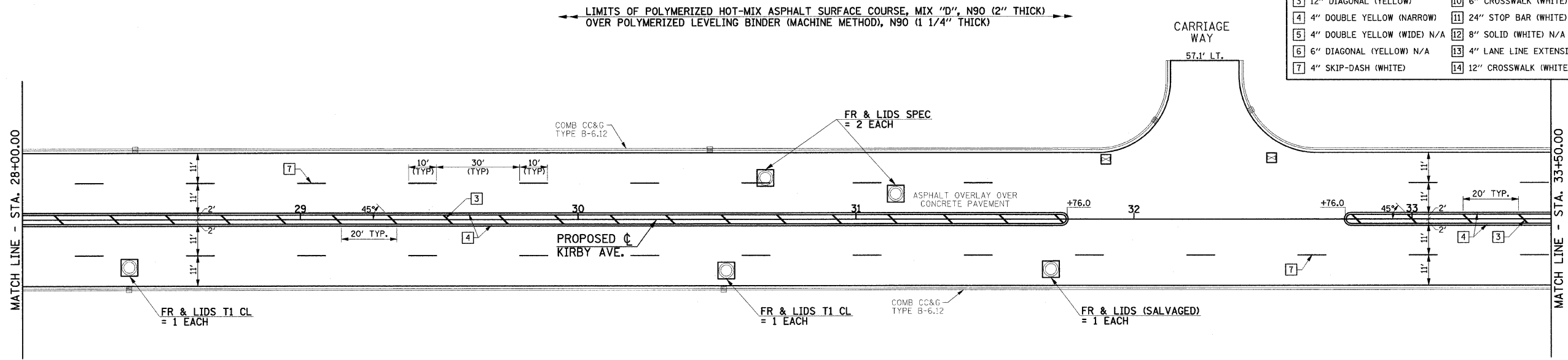
SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



TYPICAL PAVEMENT MARKING LEGEND			
1	4" SKIP-DASH (YELLOW)	8	4" SOLID (WHITE)
2	4" SOLID (YELLOW)	9	12" DIAGONAL (WHITE) N/A
3	12" DIAGONAL (YELLOW)	10	6" CROSSWALK (WHITE)
4	4" DOUBLE YELLOW (NARROW)	11	24" STOP BAR (WHITE)
5	4" DOUBLE YELLOW (WIDE) N/A	12	8" SOLID (WHITE) N/A
6	6" DIAGONAL (YELLOW) N/A	13	4" LANE LINE EXTENSIONS (WHITE) N/A
7	4" SKIP-DASH (WHITE)	14	12" CROSSWALK (WHITE)

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEE SCHEDULE OF QUANTITIES AND MISCELLANEOUS DETAILS SHEET FOR ADDITIONAL INFORMATION.

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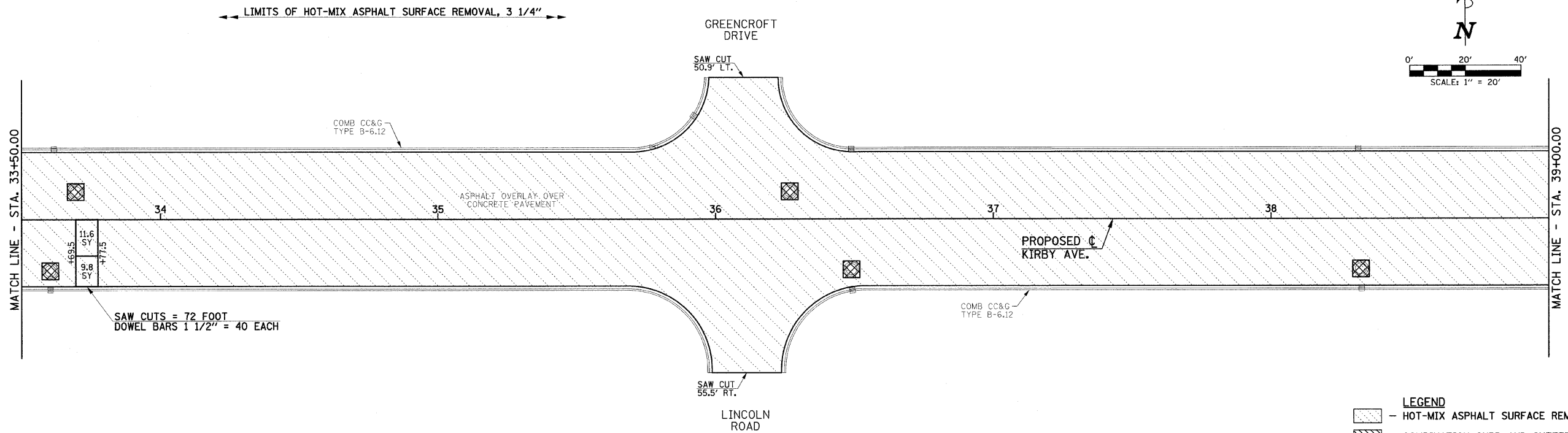
DESIGNED - R.L.H.	REVISED -
DRAWN - J.L.B.	REVISED -
CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - KIRBY AVENUE

F.A.U. RTE. 7138	SECTION 09-00281-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 27	SHEET NO. 15
SCALE: 1"=20'		SHEET NO. 15 OF 27 SHEETS		STA. 28+00.00 TO STA. 33+50.00
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT ARA-5181 (046)		

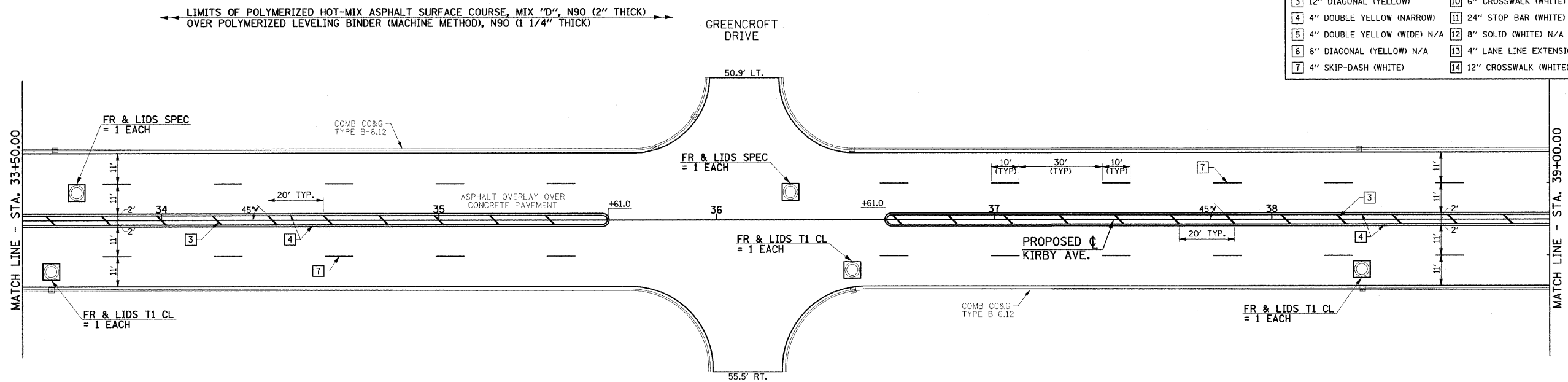
SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



TYPICAL PAVEMENT MARKING LEGEND			
1	4" SKIP-DASH (YELLOW)	8	4" SOLID (WHITE)
2	4" SOLID (YELLOW)	9	12" DIAGONAL (WHITE) N/A
3	12" DIAGONAL (YELLOW)	10	6" CROSSWALK (WHITE)
4	4" DOUBLE YELLOW (NARROW)	11	24" STOP BAR (WHITE)
5	4" DOUBLE YELLOW (WIDE) N/A	12	8" SOLID (WHITE) N/A
6	6" DIAGONAL (YELLOW) N/A	13	4" LANE LINE EXTENSIONS (WHITE) N/A
7	4" SKIP-DASH (WHITE)	14	12" CROSSWALK (WHITE)

SEE SCHEDULE OF QUANTITIES AND MISCELLANEOUS DETAILS SHEET FOR ADDITIONAL INFORMATION.

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CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

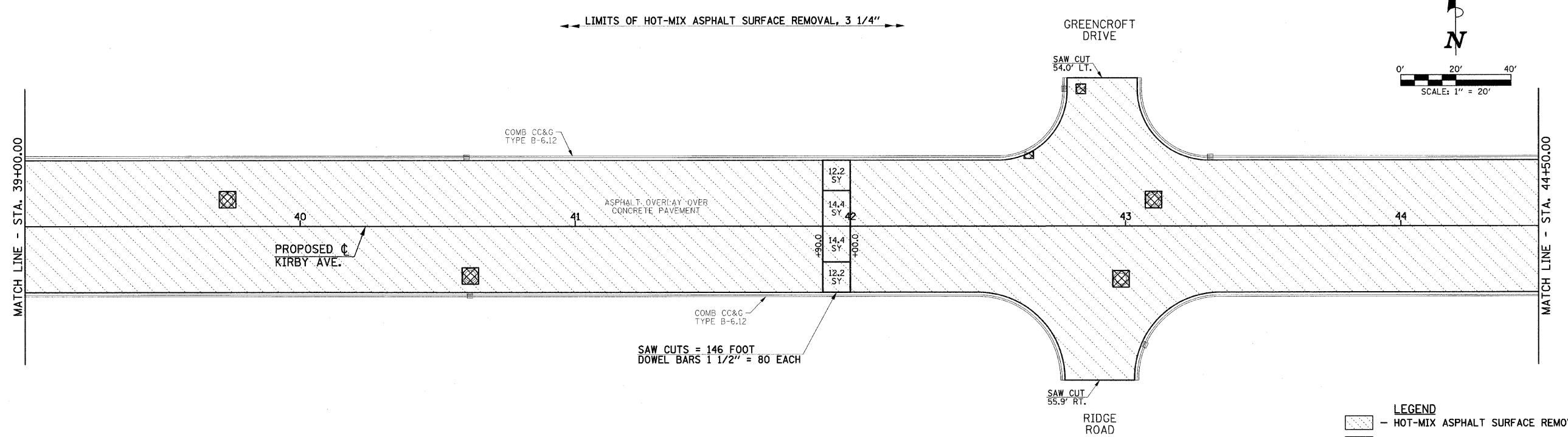
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - KIRBY AVENUE

SCALE: 1"=20' SHEET NO. 16 OF 27 SHEETS STA. 33+50.00 TO STA. 39+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	16
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT ARA-5181 (046)	

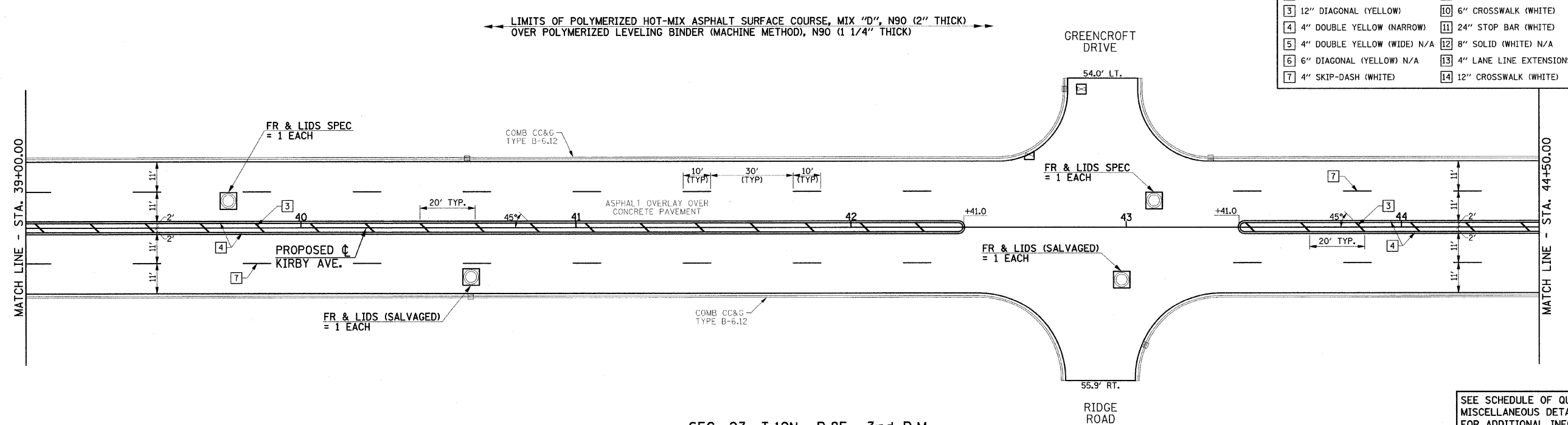
SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



TYPICAL PAVEMENT MARKING LEGEND

1 4" SKIP-DASH (YELLOW)	8 4" SOLID (WHITE)
2 4" SOLID (YELLOW)	9 12" DIAGONAL (WHITE) N/A
3 12" DIAGONAL (YELLOW)	10 6" CROSSWALK (WHITE)
4 4" DOUBLE YELLOW (NARROW)	11 24" STOP BAR (WHITE)
5 4" DOUBLE YELLOW (WIDE) N/A	12 8" SOLID (WHITE) N/A
6 6" DIAGONAL (YELLOW) N/A	13 4" LANE LINE EXTENSIONS (WHITE) N/A
7 4" SKIP-DASH (WHITE)	14 12" CROSSWALK (WHITE)

SEE SCHEDULE OF QUANTITIES AND MISCELLANEOUS DETAILS SHEET FOR ADDITIONAL INFORMATION.

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

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CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

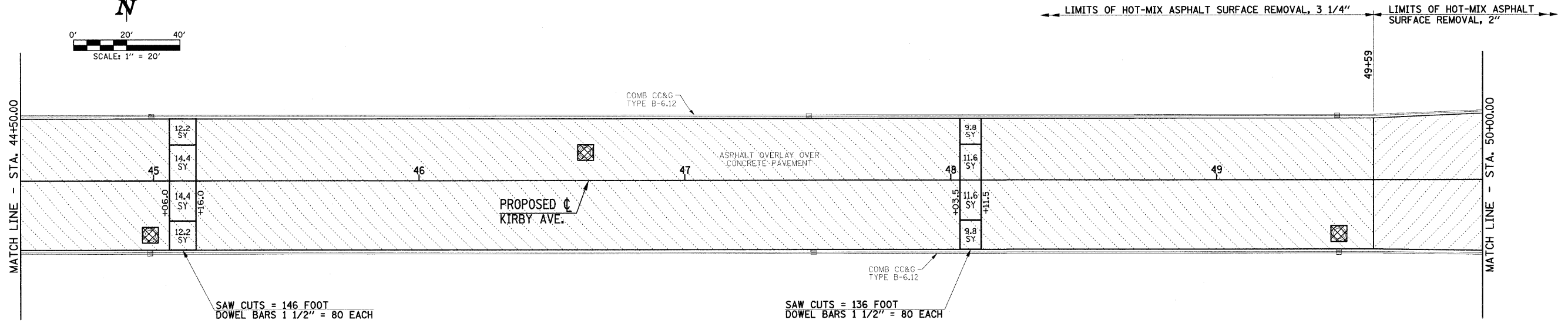
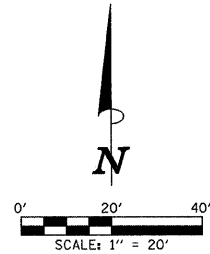
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - KIRBY AVENUE

SCALE: 1"=20' SHEET NO. 17 OF 27 SHEETS STA. 39+00.00 TO STA. 44+50.00

F.A.U. RTE. 7138	SECTION 09-00281-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 27	SHEET NO. 17
FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 91408		
ILLINOIS		FED. AID PROJECT ARA-5181 (046)		

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



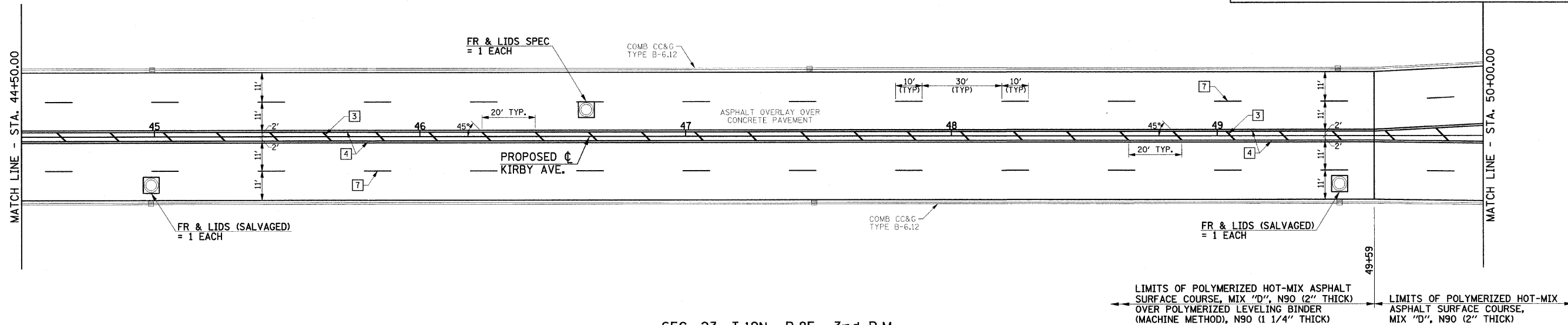
- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEE SCHEDULE OF QUANTITIES AND MISCELLANEOUS DETAILS SHEET FOR ADDITIONAL INFORMATION.

TYPICAL PAVEMENT MARKING LEGEND	
1 4" SKIP-DASH (YELLOW)	8 4" SOLID (WHITE)
2 4" SOLID (YELLOW)	9 12" DIAGONAL (WHITE) N/A
3 12" DIAGONAL (YELLOW)	10 6" CROSSWALK (WHITE)
4 4" DOUBLE YELLOW (NARROW)	11 24" STOP BAR (WHITE)
5 4" DOUBLE YELLOW (WIDE) N/A	12 8" SOLID (WHITE) N/A
6 6" DIAGONAL (YELLOW) N/A	13 4" LANE LINE EXTENSIONS (WHITE) N/A
7 4" SKIP-DASH (WHITE)	14 12" CROSSWALK (WHITE)



SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

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DESIGNED - R.L.H.	REVISED -
DRAWN - J.L.B.	REVISED -
CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

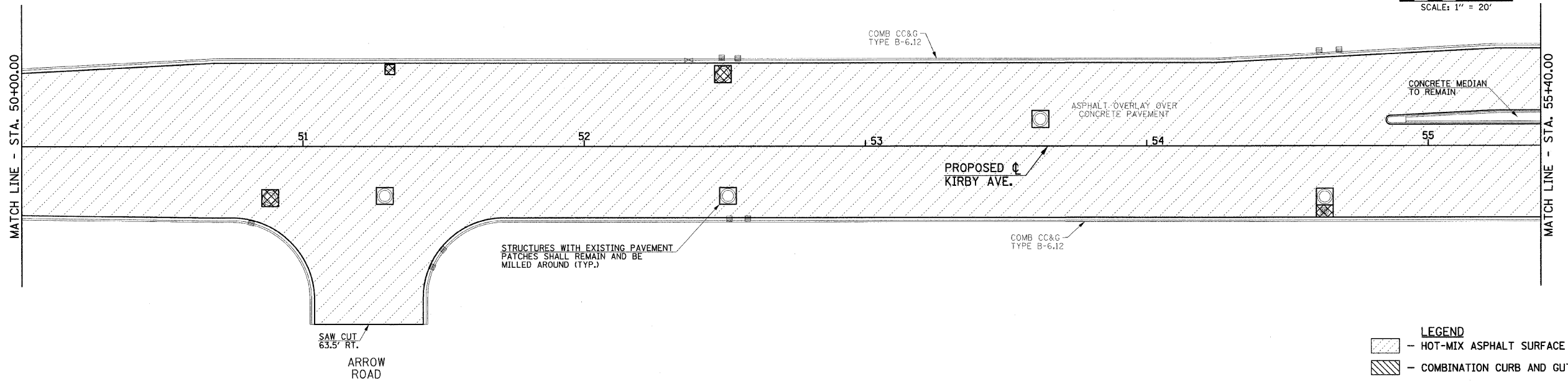
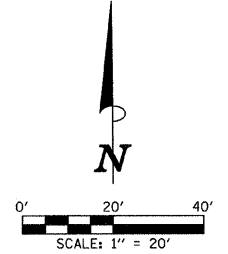
PLAN - KIRBY AVENUE

SCALE: 1"=20' SHEET NO. 18 OF 27 SHEETS STA. 44+50.00 TO STA. 50+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	18
CONTRACT NO. 91408				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)				

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

← LIMITS OF HOT-MIX ASPHALT SURFACE REMOVAL, 2" →



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- COMBINATION CURB AND GUTTER REMOVAL
- CLASS B PATCHES, TYPE II, 12 INCH
- PAVEMENT PATCHING SPECIAL (SEE DETAIL)

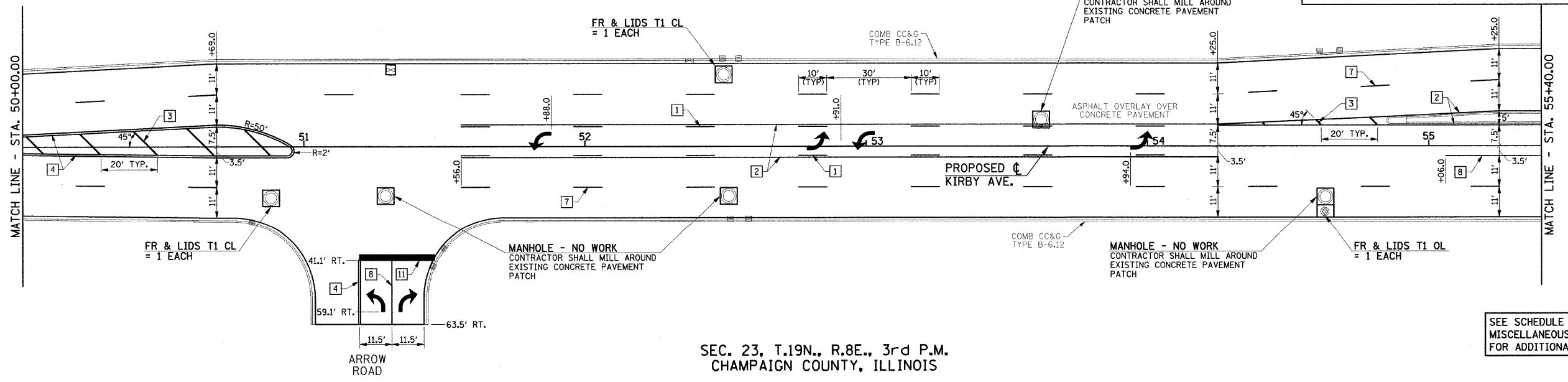
SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

← LIMITS OF POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (2" THICK) →

TYPICAL PAVEMENT MARKING LEGEND

1 4" SKIP-DASH (YELLOW)	8 4" SOLID (WHITE)
2 4" SOLID (YELLOW)	9 12" DIAGONAL (WHITE) N/A
3 12" DIAGONAL (YELLOW)	10 6" CROSSWALK (WHITE)
4 4" DOUBLE YELLOW (NARROW)	11 24" STOP BAR (WHITE)
5 4" DOUBLE YELLOW (WIDE) N/A	12 8" SOLID (WHITE) N/A
6 6" DIAGONAL (YELLOW) N/A	13 4" LANE LINE EXTENSIONS (WHITE) N/A
7 4" SKIP-DASH (WHITE)	14 12" CROSSWALK (WHITE)

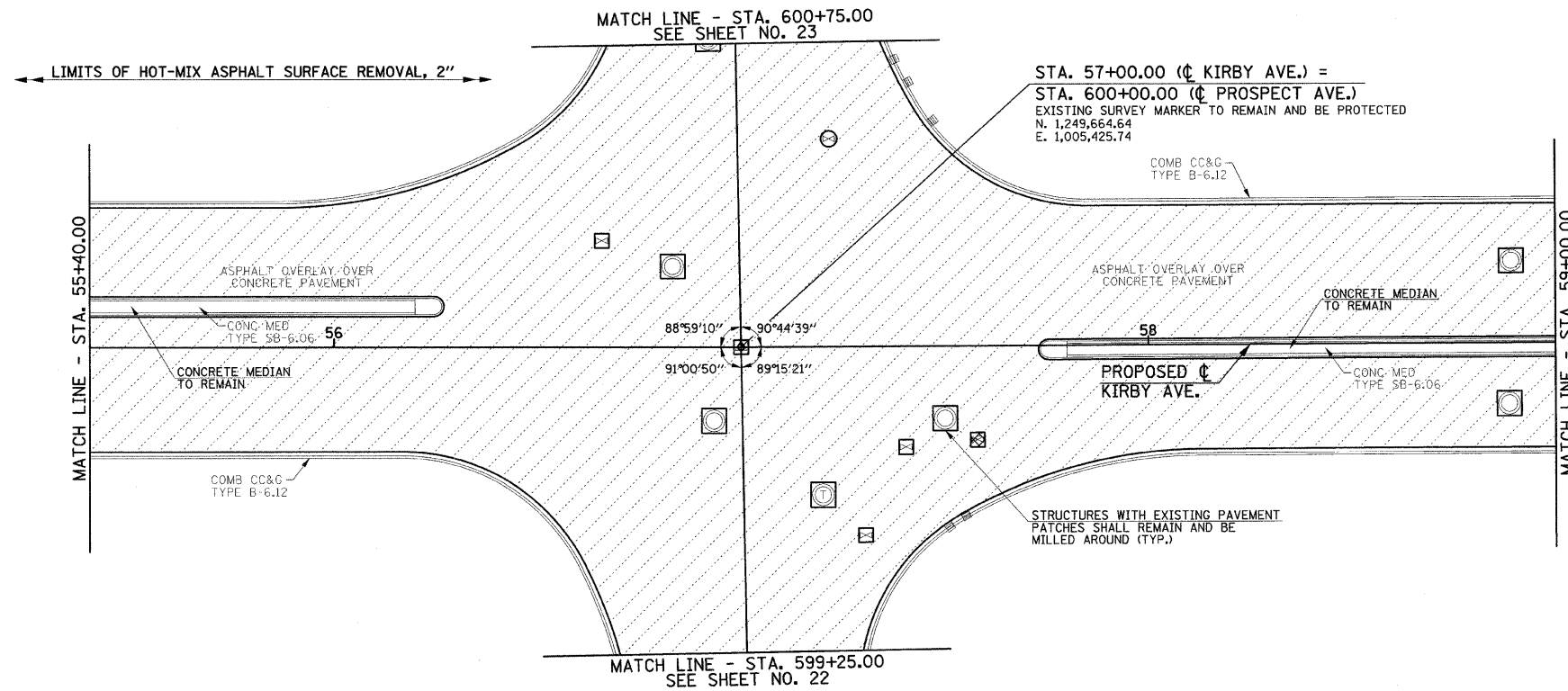
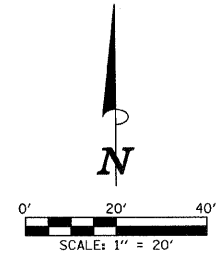


SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

FILE NAME = p:\c0010470\plans\sheets\kirbyplan.dgn PLOT DATE = 7/16/2009 10:44:40 AM	DESIGNED - R.L.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN - KIRBY AVENUE		F.A.U. RTE. 7138	SECTION 09-00281-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 27	SHEET NO. 19
	DRAWN - J.L.B.	REVISED -		SCALE : 1"=20' SHEET NO. 19 OF 27 SHEETS STA. 50+00.00 TO STA. 55+40.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)				
	CHECKED - J.T.P.	REVISED -								
	DATE - 6-09	REVISED -								

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 13, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



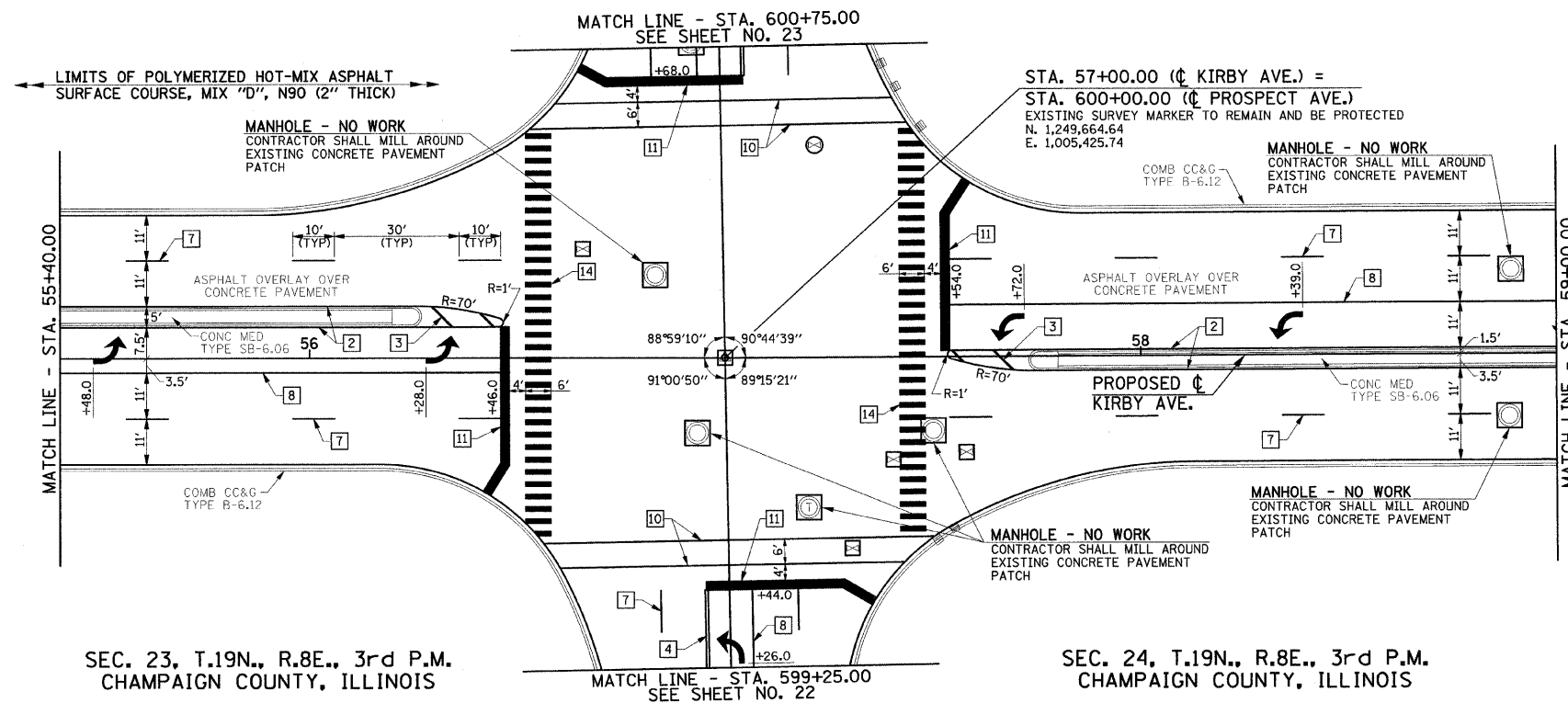
SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 24, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 13, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 24, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

TYPICAL PAVEMENT MARKING LEGEND			
1	4" SKIP-DASH (YELLOW)	8	4" SOLID (WHITE)
2	4" SOLID (YELLOW)	9	12" DIAGONAL (WHITE) N/A
3	12" DIAGONAL (YELLOW)	10	6" CROSSWALK (WHITE)
4	4" DOUBLE YELLOW (NARROW)	11	24" STOP BAR (WHITE)
5	4" DOUBLE YELLOW (WIDE) N/A	12	8" SOLID (WHITE) N/A
6	6" DIAGONAL (YELLOW) N/A	13	4" LANE LINE EXTENSIONS (WHITE) N/A
7	4" SKIP-DASH (WHITE)	14	12" CROSSWALK (WHITE)

SEE SCHEDULE OF QUANTITIES AND MISCELLANEOUS DETAILS SHEET FOR ADDITIONAL INFORMATION.

FILE NAME = p:\c0010470\plans\sheets\kirbyplan.dgn
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CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

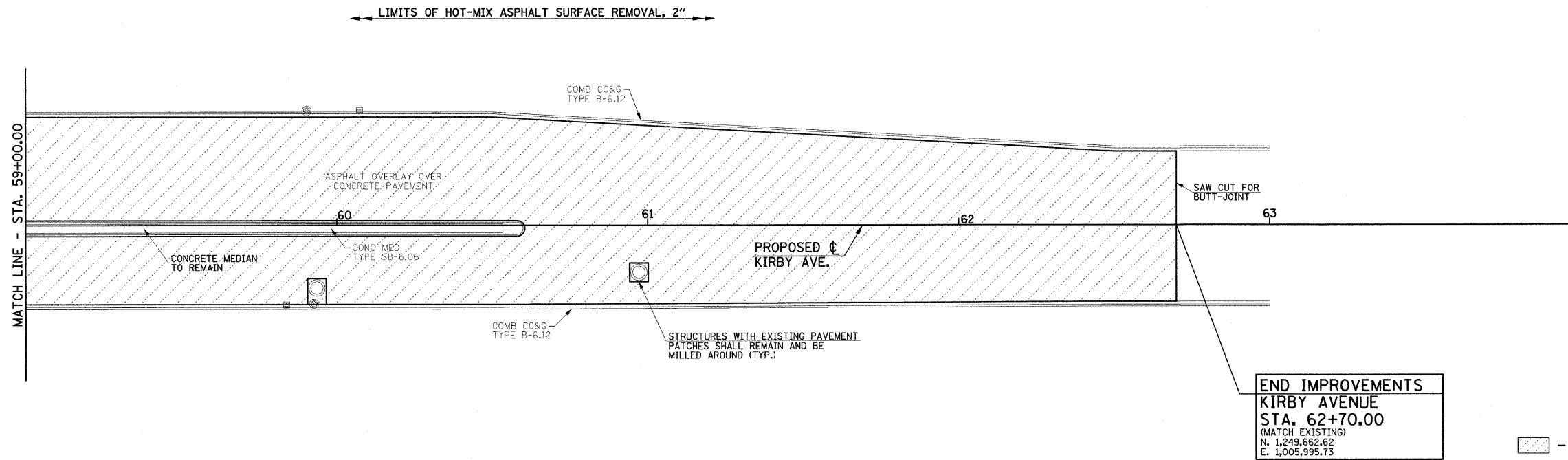
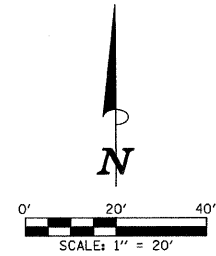
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - KIRBY AVENUE

SCALE: 1"=20' SHEET NO. 20 OF 27 SHEETS STA. 55+40.00 TO STA. 59+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	20
CONTRACT NO. 91408				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)				

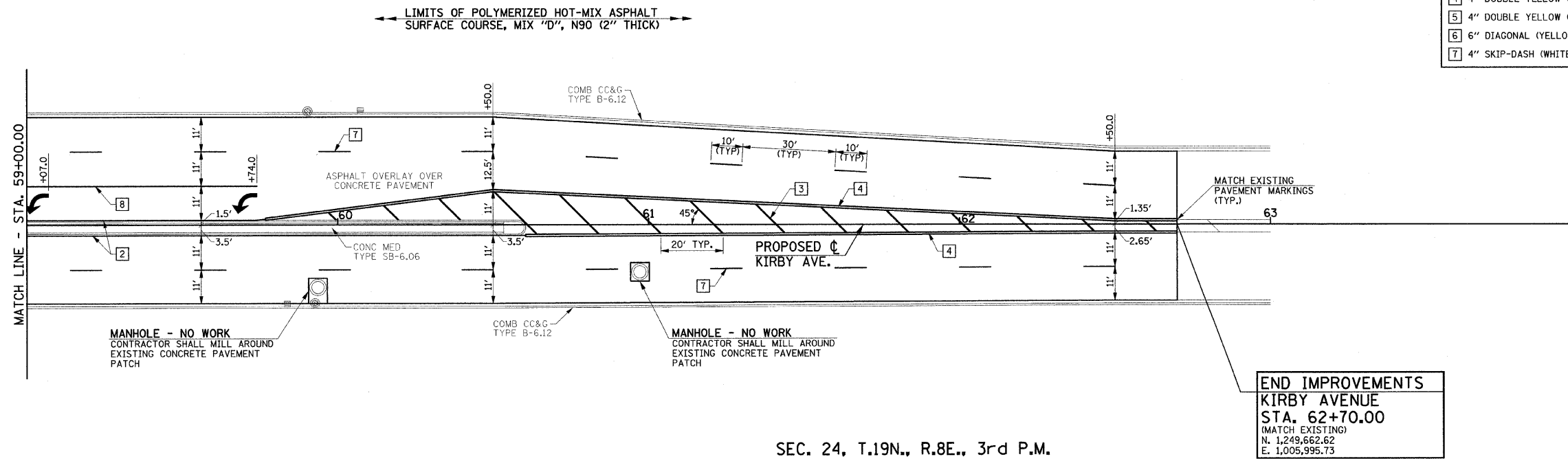
SEC. 13, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



SEC. 24, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 13, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

TYPICAL PAVEMENT MARKING LEGEND			
1	4" SKIP-DASH (YELLOW)	8	4" SOLID (WHITE)
2	4" SOLID (YELLOW)	9	12" DIAGONAL (WHITE) N/A
3	12" DIAGONAL (YELLOW)	10	6" CROSSWALK (WHITE)
4	4" DOUBLE YELLOW (NARROW)	11	24" STOP BAR (WHITE)
5	4" DOUBLE YELLOW (WIDE) N/A	12	8" SOLID (WHITE) N/A
6	6" DIAGONAL (YELLOW) N/A	13	4" LANE LINE EXTENSIONS (WHITE) N/A
7	4" SKIP-DASH (WHITE)	14	12" CROSSWALK (WHITE)



SEC. 24, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

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CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

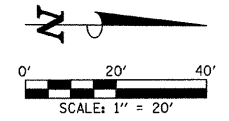
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - KIRBY AVENUE

SCALE: 1"=20' SHEET NO. 21 OF 27 SHEETS STA. 59+00.00 TO STA. 62+70.00

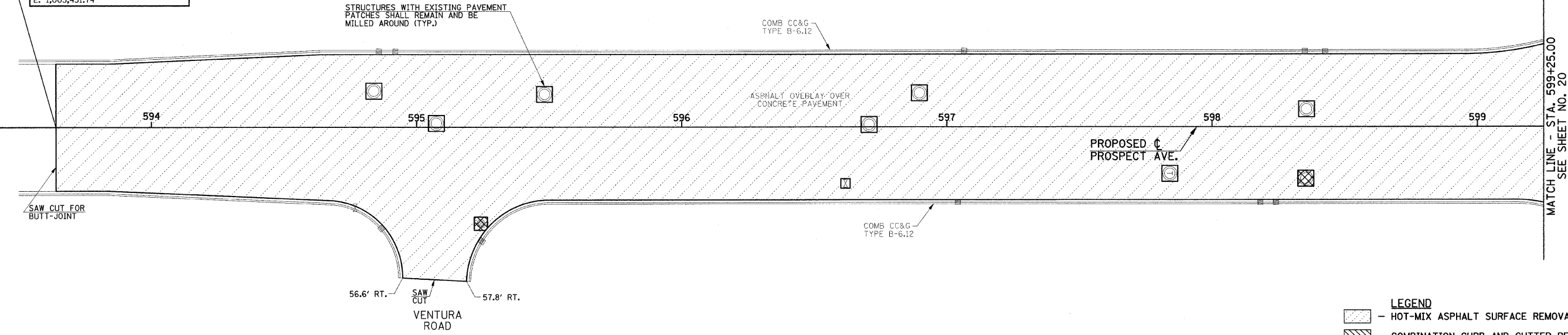
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	21
CONTRACT NO. 91408				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)				

SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



BEGIN IMPROVEMENTS
PROSPECT AVENUE
STA. 593+64.00
(MATCH EXISTING)
N. 1,249,028.67
E. 1,005,431.74

← LIMITS OF HOT-MIX ASPHALT SURFACE REMOVAL, 2" →



MATCH LINE - STA. 599+25.00
SEE SHEET NO. 20

- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 24, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

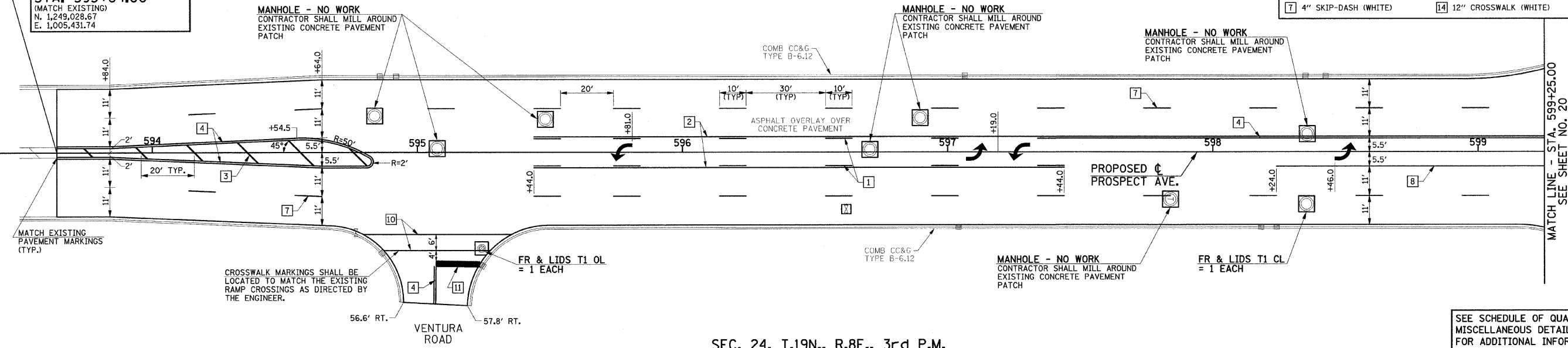
SEC. 23, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

TYPICAL PAVEMENT MARKING LEGEND

1 4" SKIP-DASH (YELLOW)	8 4" SOLID (WHITE)
2 4" SOLID (YELLOW)	9 12" DIAGONAL (WHITE) N/A
3 12" DIAGONAL (YELLOW)	10 6" CROSSWALK (WHITE)
4 4" DOUBLE YELLOW (NARROW)	11 24" STOP BAR (WHITE)
5 4" DOUBLE YELLOW (WIDE) N/A	12 8" SOLID (WHITE) N/A
6 6" DIAGONAL (YELLOW) N/A	13 4" LANE LINE EXTENSIONS (WHITE) N/A
7 4" SKIP-DASH (WHITE)	14 12" CROSSWALK (WHITE)

BEGIN IMPROVEMENTS
PROSPECT AVENUE
STA. 593+64.00
(MATCH EXISTING)
N. 1,249,028.67
E. 1,005,431.74

← LIMITS OF POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (2" THICK) →



MATCH LINE - STA. 599+25.00
SEE SHEET NO. 20

SEE SCHEDULE OF QUANTITIES AND MISCELLANEOUS DETAILS SHEET FOR ADDITIONAL INFORMATION.

SEC. 24, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

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CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

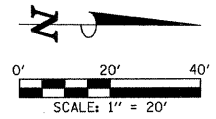
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - PROSPECT AVENUE

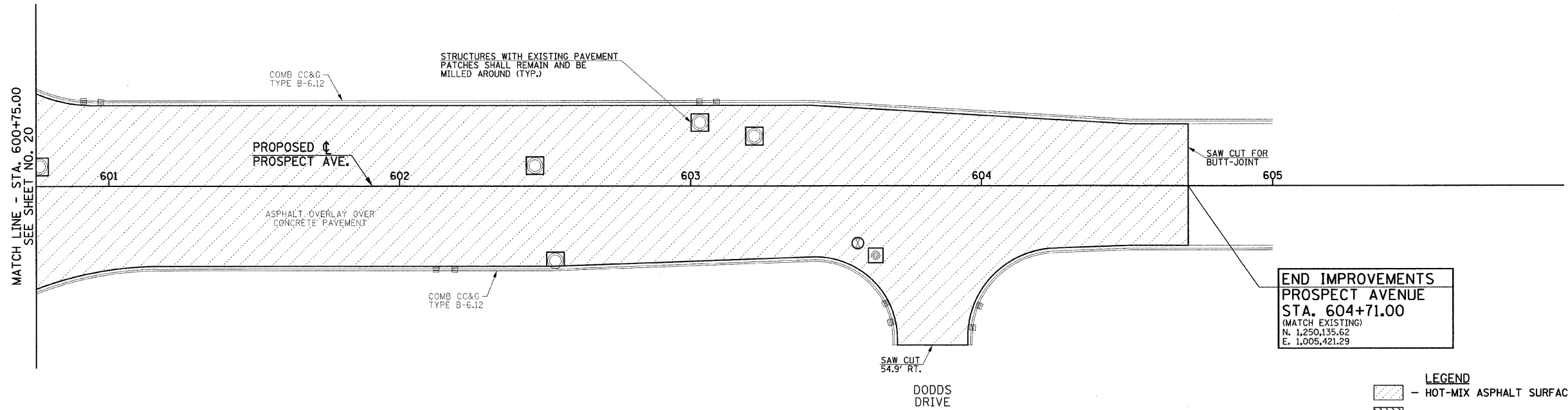
SCALE: 1"=20' SHEET NO. 22 OF 27 SHEETS STA. 593+64.00 TO STA. 599+25.00

F.A.U. RTE. 7138	SECTION 09-00281-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 27	SHEET NO. 22
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT ARA-5181 10461		

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS



← LIMITS OF HOT-MIX ASPHALT SURFACE REMOVAL, 2" →



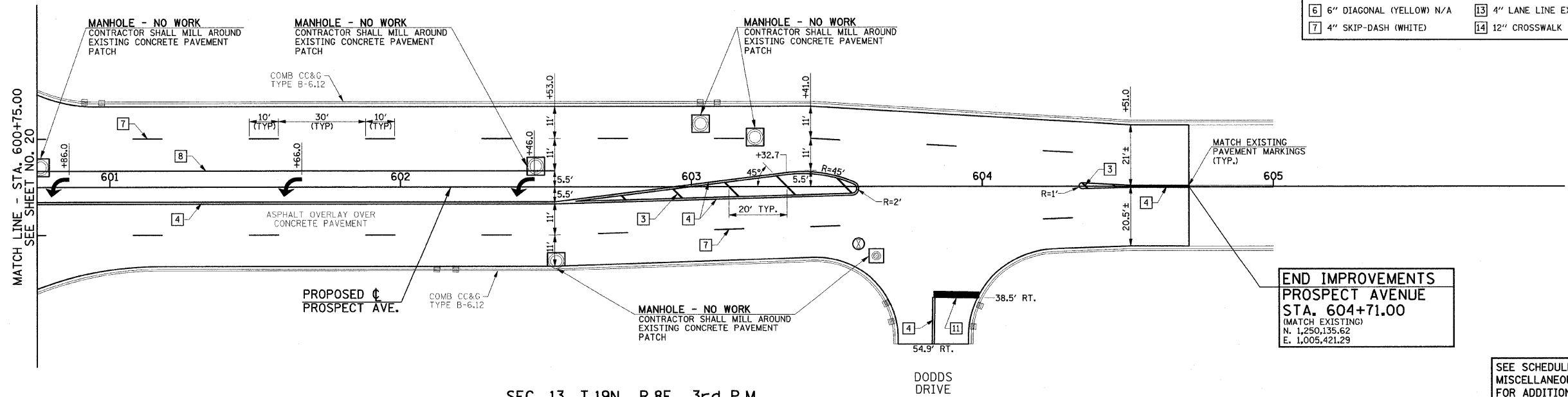
**END IMPROVEMENTS
PROSPECT AVENUE
STA. 604+71.00**
(MATCH EXISTING)
N. 1,250,135.62
E. 1,005,421.29

- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLASS B PATCHES, TYPE II, 12 INCH
 - PAVEMENT PATCHING SPECIAL (SEE DETAIL)

SEC. 13, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 14, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

← LIMITS OF POLYMERIZED HOT-MIX ASPHALT
SURFACE COURSE, MIX "D", N90 (2" THICK) →



TYPICAL PAVEMENT MARKING LEGEND			
1	4" SKIP-DASH (YELLOW)	8	4" SOLID (WHITE)
2	4" SOLID (YELLOW)	9	12" DIAGONAL (WHITE) N/A
3	12" DIAGONAL (YELLOW)	10	6" CROSSWALK (WHITE)
4	4" DOUBLE YELLOW (NARROW)	11	24" STOP BAR (WHITE)
5	4" DOUBLE YELLOW (WIDE) N/A	12	8" SOLID (WHITE) N/A
6	6" DIAGONAL (YELLOW) N/A	13	4" LANE LINE EXTENSIONS (WHITE) N/A
7	4" SKIP-DASH (WHITE)	14	12" CROSSWALK (WHITE)

**END IMPROVEMENTS
PROSPECT AVENUE
STA. 604+71.00**
(MATCH EXISTING)
N. 1,250,135.62
E. 1,005,421.29

SEE SCHEDULE OF QUANTITIES AND
MISCELLANEOUS DETAILS SHEET
FOR ADDITIONAL INFORMATION.

SEC. 13, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

FILE NAME =
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PLOT DATE =
7/16/2009 10:44:43 AM

DESIGNED - R.L.H.	REVISED -
DRAWN - J.L.B.	REVISED -
CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

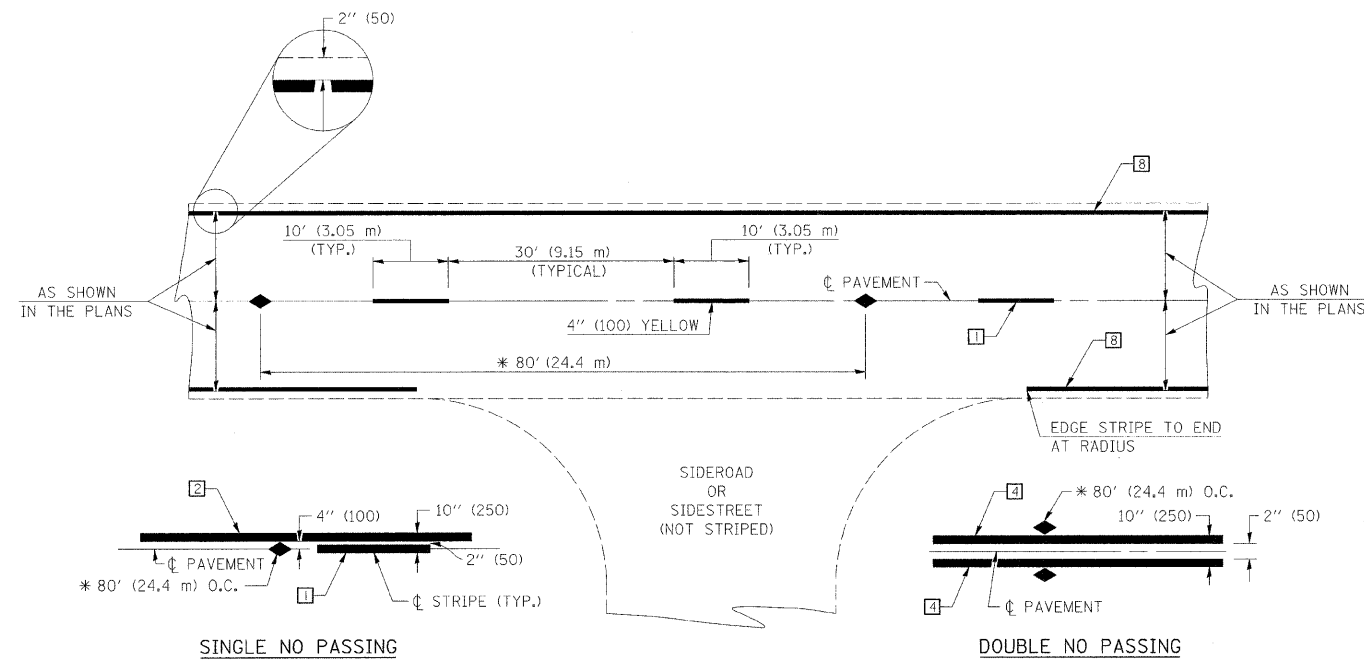
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - PROSPECT AVENUE

SCALE: 1"=20' SHEET NO. 23 OF 27 SHEETS STA. 600+75.00 TO STA. 604+71.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	23
CONTRACT NO. 91408				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT ARA-5181 (046)	

TYPICAL APPLICATIONS OF URBAN PAVEMENT MARKINGS AND MARKERS

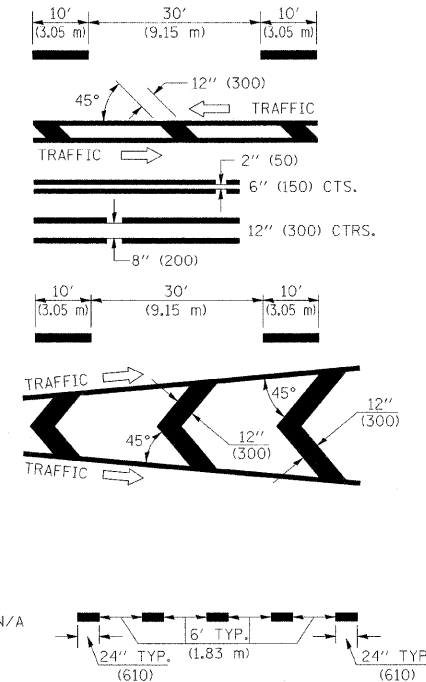


* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

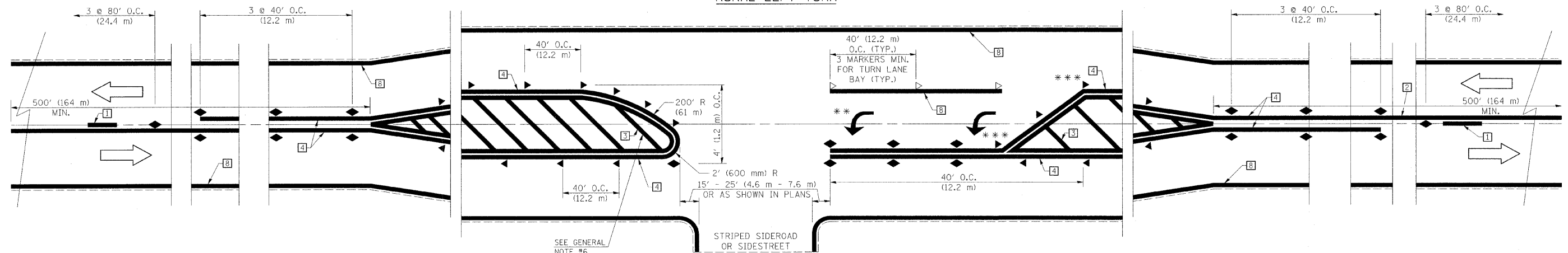
- 1 4" (100) SKIP-DASH (YELLOW) - N/A
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 4" (150) DOUBLE YELLOW (WIDE) - N/A
- 6 6" (150) DIAGONAL (YELLOW) - N/A
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE) - N/A
- 10 6" (150) CROSSWALK (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE) - N/A
- 13 4" (100) LANE LINE EXTENSIONS (WHITE) - N/A
- 14 12" (300) CROSSWALK (WHITE)



TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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DRAWN - J.L.B.	REVISED -
CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

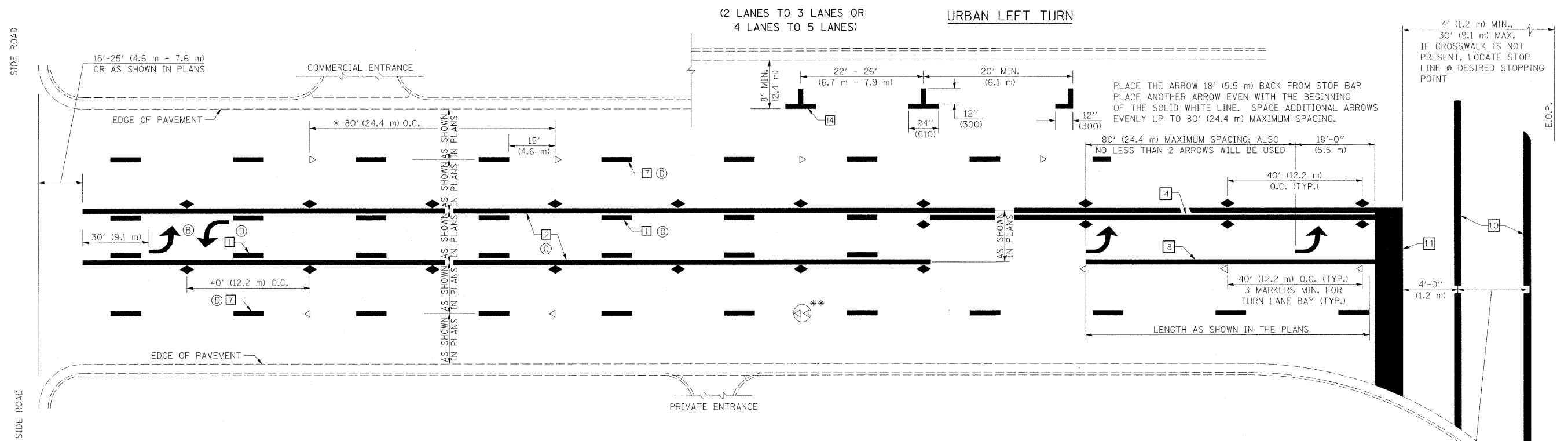
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

SCALE : NONE SHEET NO. 24 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)			CONTRACT NO. 91408	

TYPICAL APPLICATIONS OF URBAN PAVEMENT MARKINGS AND MARKERS

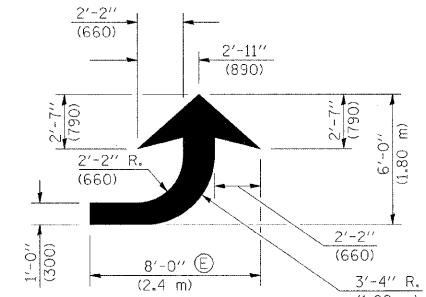


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

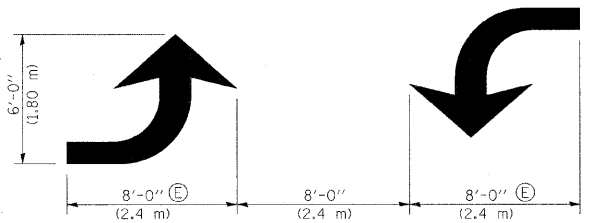
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

GENERAL NOTES:

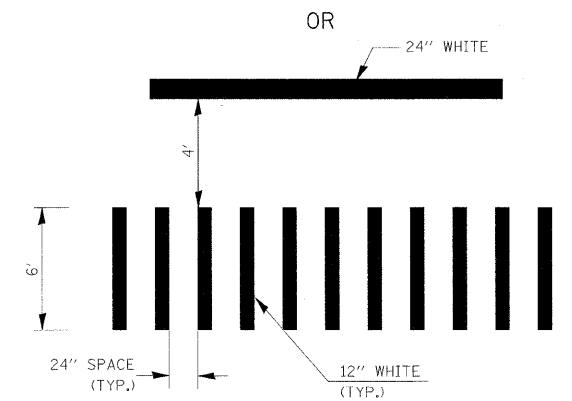
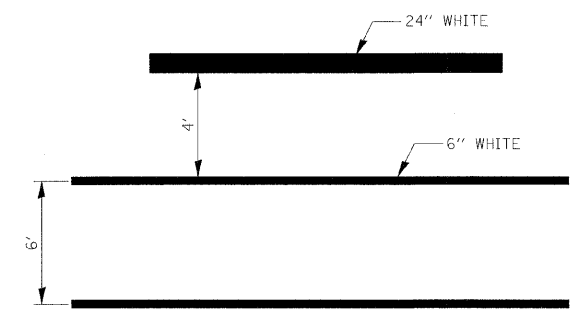
- (B) TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- (C) THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- (D) THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- (E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



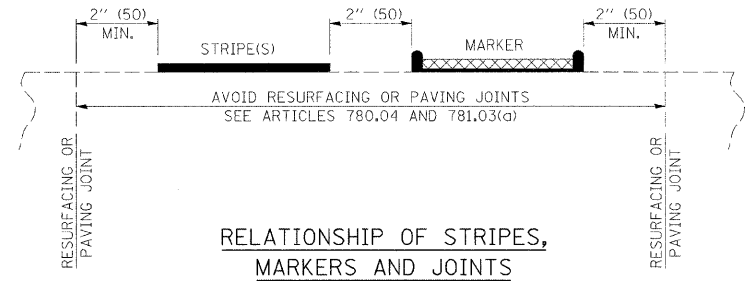
LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



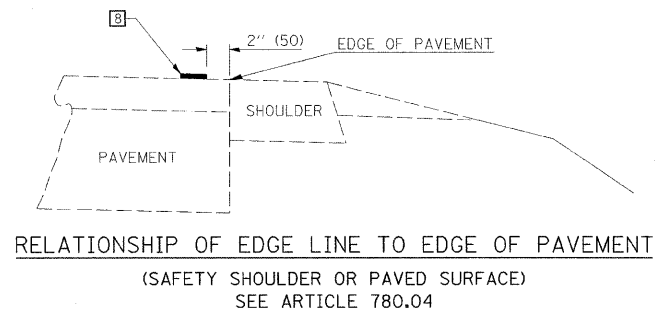
TYPICAL DOUBLE TURN ARROWS (WHITE)



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

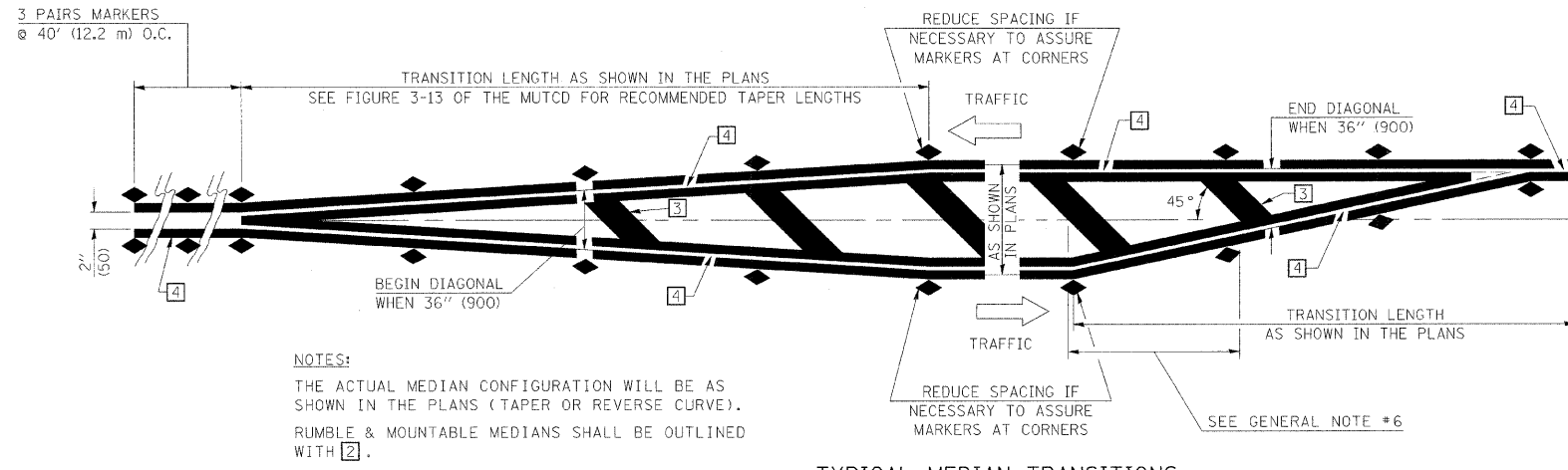


RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME = p:\c0010470\plans\sheets\details.dgn	DESIGNED - R.L.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAILS		F.A.U. R.T.E. 7138	SECTION 09-00281-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 27	SHEET NO. 25
	PLLOT DATE = 7/16/2009 10:44:45 AM	DRAWN - J.L.B.		REVISED -	SCALE : NONE	SHEET NO. 25 OF 27 SHEETS	STA. TO STA.	CONTRACT NO. 91408		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)
	CHECKED - J.T.P.	REVISED -	CITY OF CHAMPAIGN	SECTION NO. 09-00281-00-RS	CHAMPAIGN COUNTY					C0010470
	DATE - 6-09	REVISED -								

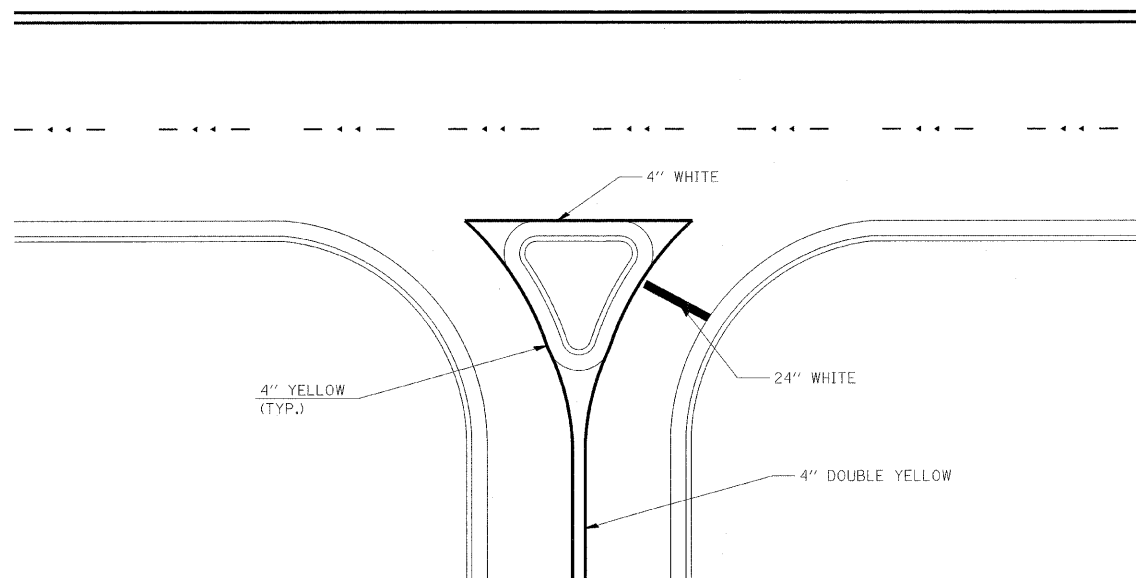
TYPICAL APPLICATIONS OF URBAN PAVEMENT MARKINGS AND MARKERS



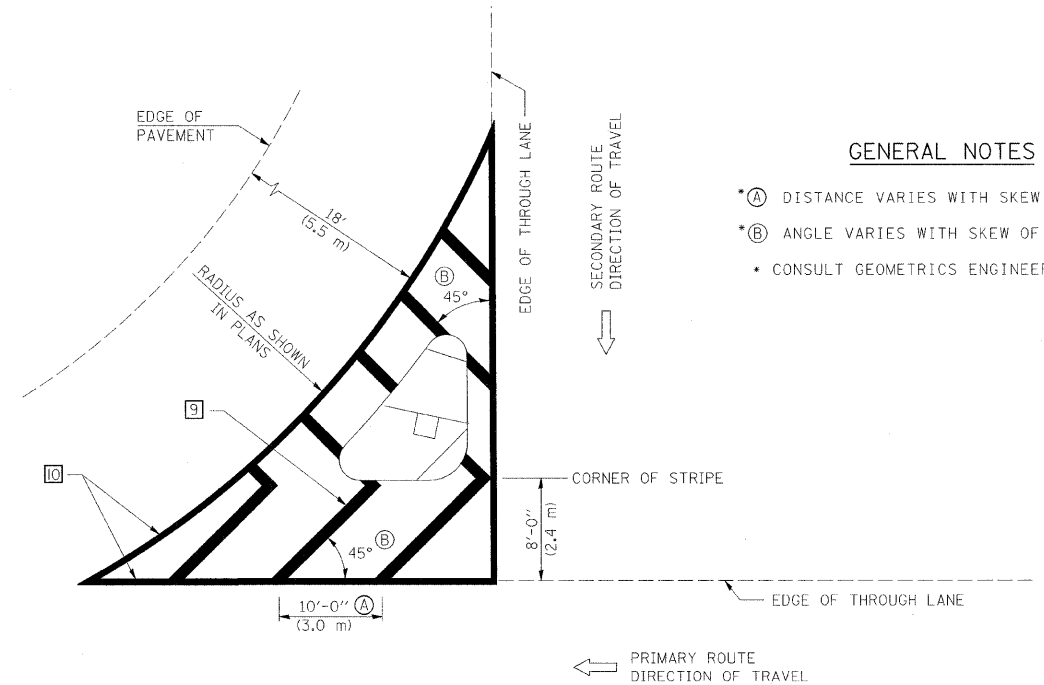
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
< 30 MPH USE 15' (< 50 km/h USE 4.5 m)
30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
> 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

- * (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- * (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =
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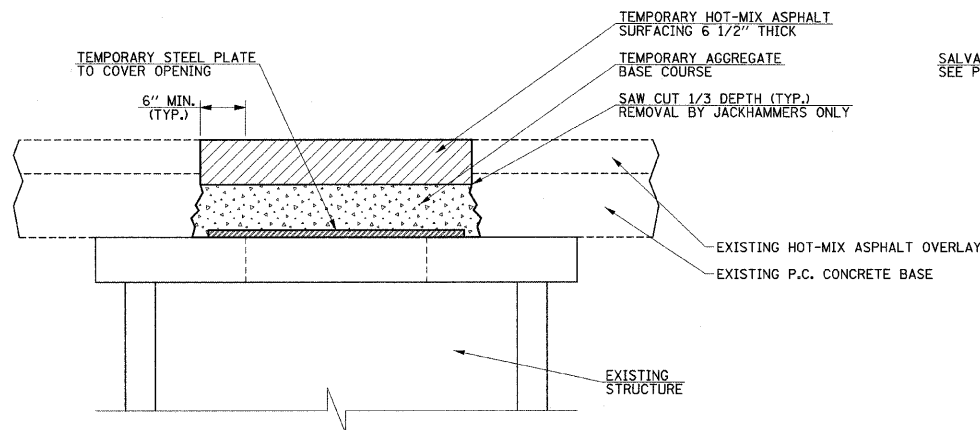
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DRAWN - J.L.B.	REVISED -
CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

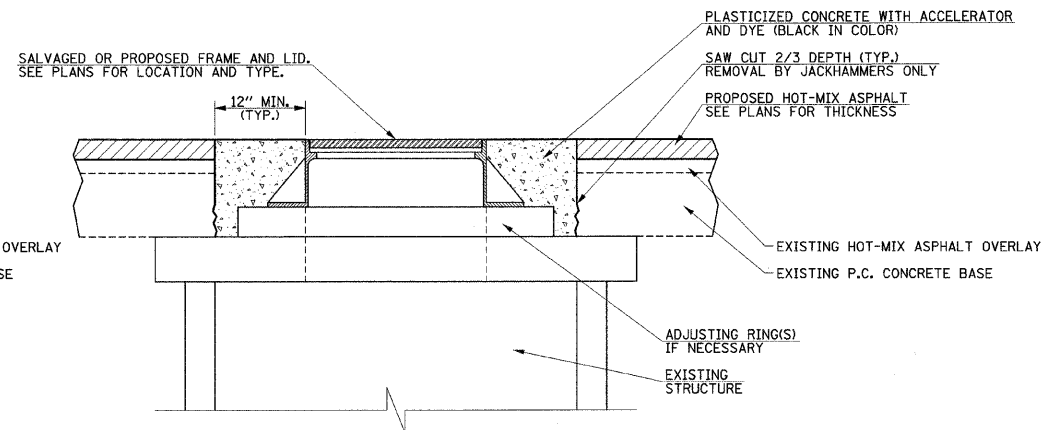
PAVEMENT MARKING DETAILS

SCALE : NONE SHEET NO. 26 OF 27 SHEETS STA. TO STA.

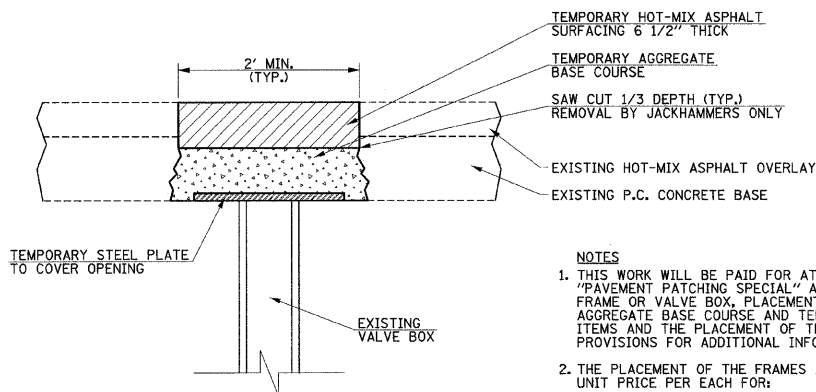
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1138	09-00281-00-RS	CHAMPAIGN	27	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)			CONTRACT NO. 91408	



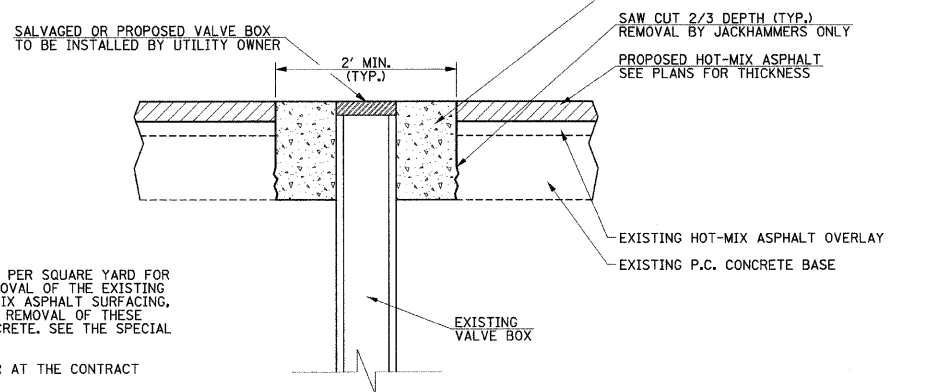
FRAME REMOVAL DETAIL



FINAL ADJUSTMENT DETAIL



VALVE BOX REMOVAL DETAIL

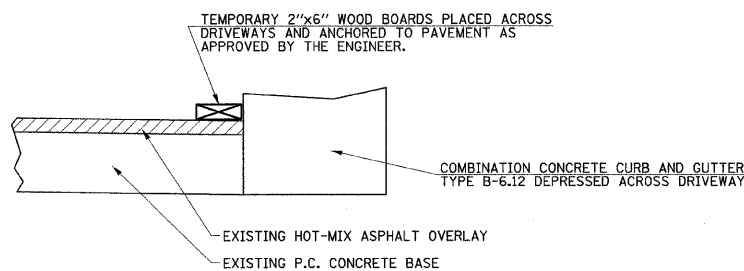


FINAL ADJUSTMENT DETAIL

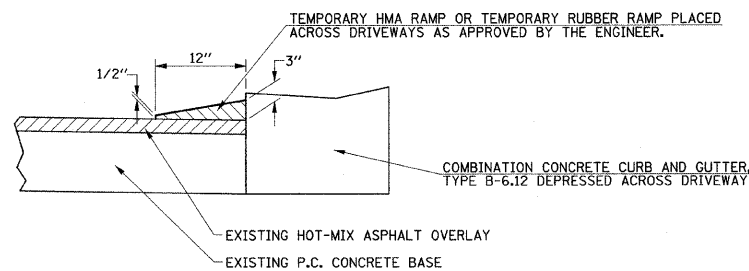
- NOTES**
- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "PAVEMENT PATCHING SPECIAL" AND SHALL INCLUDE THE REMOVAL OF THE EXISTING FRAME OR VALVE BOX, PLACEMENT OF THE TEMPORARY HOT-MIX ASPHALT SURFACING, AGGREGATE BASE COURSE AND TEMPORARY STEEL PLATE, THE REMOVAL OF THESE ITEMS AND THE PLACEMENT OF THE PLASTICIZED BLACK CONCRETE. SEE THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
 - THE PLACEMENT OF THE FRAMES AND LIDS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR:
FRAMES AND LIDS, TYPE 1, OPEN LID
FRAMES AND LIDS, TYPE 1, CLOSED LID
FRAMES AND LIDS, SPECIAL
FRAMES AND LIDS (SALVAGED)
WHICH PRICE SHALL INCLUDE ANY ADJUSTMENT RINGS NECESSARY.
 - THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING WITH THE UTILITY OWNERS FOR INSTALLATION OF THE VALVE BOXES. THE COST OF COORDINATING WITH THE UTILITY OWNERS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE PATCHES.

PAVEMENT PATCHING SPECIAL DETAIL

NO SCALE



OPTION 1

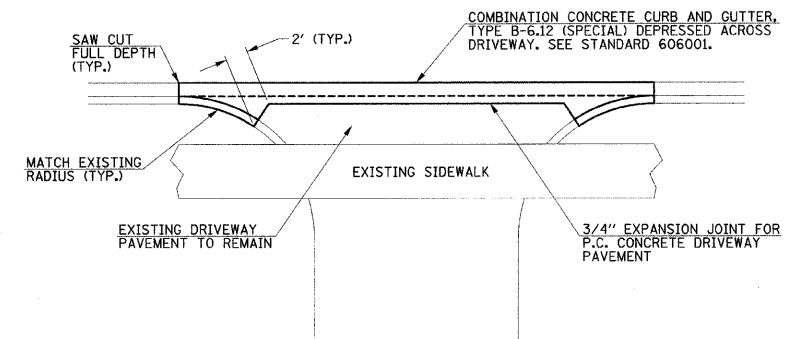


OPTION 2

- NOTES**
- THE TEMPORARY RAMPS, SPECIAL SHALL BE PLACED ADJACENT TO GUTTERS AT DRIVEWAY OPENINGS TO ALLOW FOR TEMPORARY ACCESS AFTER THE PAVEMENT HAS BEEN MILLED. THE RAMPS SHALL BE INSTALLED WHERE DROP-OFFS FROM THE TOP OF THE GUTTER TO TOP OF THE PAVEMENT EXCEED 1 1/2".
 - THE CONTRACTOR MAY USE OPTION 1 OR 2. THE CONTRACTOR MAY ALSO PROVIDE OTHER METHODS FOR PROVIDING TEMPORARY RAMPS, BUT THEY MUST BE APPROVED BY THE ENGINEER PRIOR TO BEGINNING THE WORK.
 - THE RAMPS SHALL BE REMOVED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE HOT-MIX ASPHALT MATERIALS.
 - THE TEMPORARY RAMPS, SPECIAL WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR EACH DRIVEWAY LOCATION. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THE VARYING LENGTHS OF DRIVEWAY OPENINGS. THE WORK SHALL INCLUDE INSTALLING, MAINTAINING AND REMOVING THE RAMPS.

TEMPORARY RAMP, SPECIAL DETAIL

NO SCALE

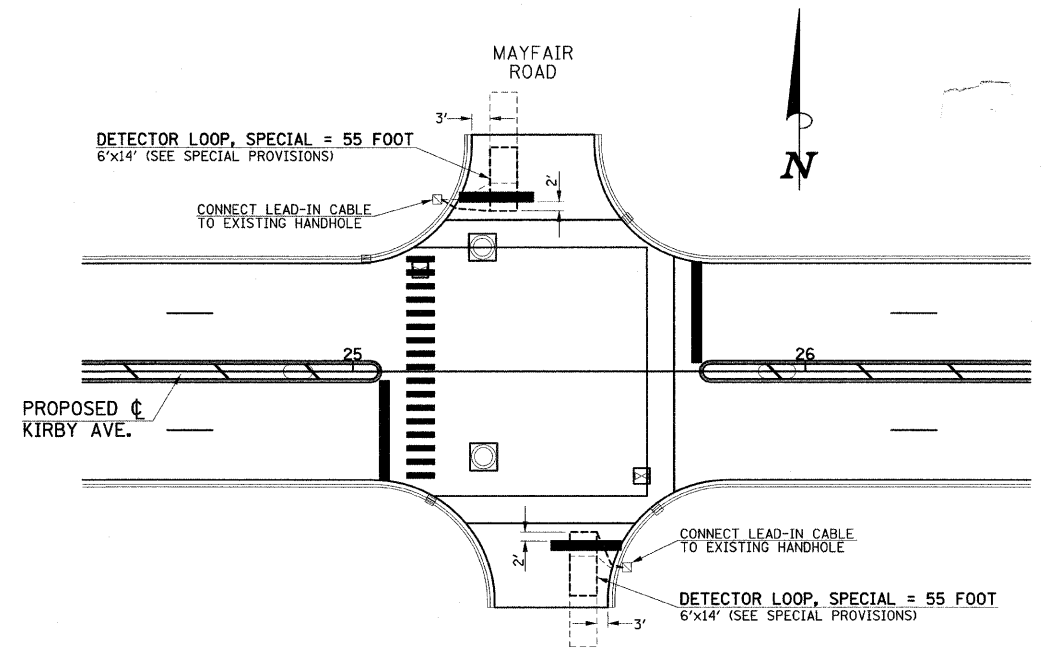


NOTES

- THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) SHALL BE IN ACCORDANCE WITH STANDARD 606001 EXCEPT IT SHALL BE CONSTRUCTED TO THE FULL THICKNESS OF THE EXISTING PAVEMENT AND A HIGH EARLY STRENGTH CONCRETE MIX WILL BE REQUIRED. SEE THE SPECIAL PROVISIONS FOR THE CONCRETE MIX REQUIREMENTS.
- SEE THE PROPOSED TYPICAL SECTION NOTES FOR ADDITIONAL INFORMATION FOR THE LONGITUDINAL AND TRANSVERSE JOINTS.
- THE COST OF THE CURB AND GUTTER INCLUDING THE ADDITIONAL THICKNESS, HIGH EARLY STRENGTH CONCRETE MIX, 2" STUBS, LONGITUDINAL JOINT, TRANSVERSE JOINTS AND 3/4" EXPANSION JOINT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL).

CURB AND GUTTER REPLACEMENT DETAIL

NO SCALE



NOTES

- THE DETECTOR LOOP, SPECIAL SHALL BE A PREFORMED LOOP AND LEAD-IN ASSEMBLY AND SHALL BE IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF SECTION 886 OF THE STANDARD SPECIFICATIONS. SEE THE SPECIAL PROVISIONS FOR THE MATERIAL REQUIREMENTS.
- THE DETECTOR LOOPS SHALL BE PLACED AND ANCHORED ON TOP OF THE FINISHED LEVEL BINDER COURSE PRIOR TO PLACEMENT OF THE HOT-MIX ASPHALT SURFACE COURSE.
- THE EXISTING LOOPS SHALL BE DISCONNECTED AT THE HANDHOLES AND ABANDONED. THE NEW LEAD-IN CABLES SHALL BE CONNECTED TO THE EXISTING CABLES IN THE HANDHOLES AND THE LOOPS PUT INTO SERVICE.
- THE DETECTOR LOOPS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR DETECTOR LOOP, SPECIAL. THE WORK SHALL INCLUDE ALL MATERIALS, LABOR AND EQUIPMENT NECESSARY TO INSTALL THE LOOPS AT THE LOCATIONS SHOWN ON THE DETAIL.

DETECTOR LOOP, SPECIAL DETAIL

NO SCALE

FILE NAME =
p:\0010470\plans\sheets\details.dgn
PLOT DATE =
7/16/2009 10:44:46 AM

DESIGNED - R.L.H.	REVISED -
DRAWN - J.L.B.	REVISED -
CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

SCALE : NONE SHEET NO. 27 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-RS	CHAMPAIGN	27	27
CONTRACT NO. 91408			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)	