

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	63398	

FOR INDEX OF SHEETS SEE SHEET NO. 2

HIGHWAY CLASSIFICATION
PRINCIPAL ARTERIAL

RAKOW ROAD TRAFFIC DATA

2005 ADT=16,500 TO 39,400
2030 ADT=29,000 TO 66,000
POSTED SPEED LIMIT = 45 MPH
DESIGN SPEED LIMIT = 45 MPH

PROJECT DESCRIPTION

THE PROPOSED IMPROVEMENT CONSISTS OF THE WIDENING AND RECONSTRUCTION OF RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 INCLUDING A NEW STORM SEWER SYSTEM, EXTENSION OF THE CRYSTAL CREEK DOUBLE BOX CULVERT, AND TRAFFIC SIGNAL MODERNIZATION

PROJECT LOCATED IN CITY OF CRYSTAL LAKE AND VILLAGE OF LAKE IN THE HILLS

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

FAP 0336 (RAKOW ROAD)
FAU 3873 (ACKMAN ROAD) TO FAP 0336 (ILLINOIS ROUTE 31)
ROADWAY RECONSTRUCTION AND WIDENING

PROJECT # HPP-TCSP-RS-CMF-0336(031)
JOB # C-91-191-05
SECTION # 05-00308-00-WR
MCHENRY COUNTY

VOLUME 1



LOCATION OF SECTION INDICATED THUS: - [black box] -

McHENRY COUNTY DIVISION OF TRANSPORTATION

APPROVED: JULY, 27 2010

Joseph R. Kopselaki Jr
DIRECTOR OF TRANSPORTATION / COUNTY ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PASSED August 27 2010

Chett Chesnut
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW

August 30 2010

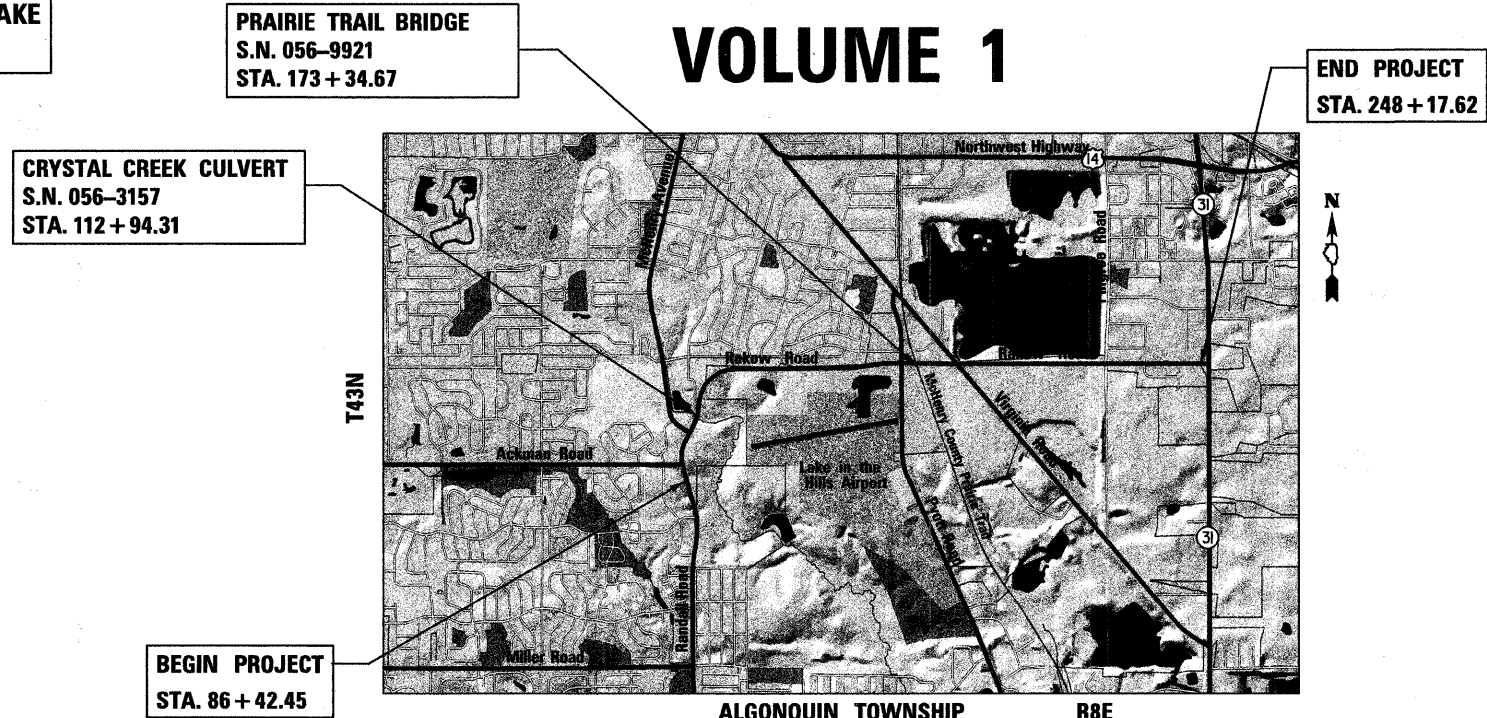
Diane M. O'Leary
DEPUTY DIRECTOR OF HIGHWAYS, REGION I ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

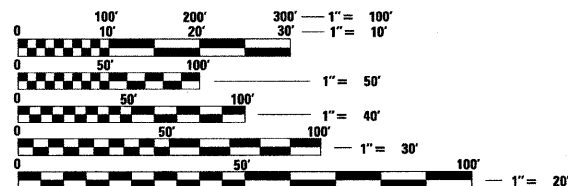
PLANS PREPARED BY: PATRICK ENGINEERING, INC.

FINAL

IDOT FIELD ENGINEER: ALEX HOUSEH (847) 705-4410



ALGONQUIN TOWNSHIP R8E
LOCATION MAP
SCALE: 1"=2500' GROSS & NET LENGTH OF PROJECT = 16,175 FEET (3.06 MILES)



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. 63398

PATRICK ENGINEERING, INC. JOHN A. HEIM, P.E. <i>John A. Heim</i> JOHN A. HEIM, P.E. # 062-058717 EXP: 11/30/2011 DATE: 7/28/2010	PATRICK ENGINEERING, INC. ERIC Y. CHOW, P.E. <i>Eric Y. Chow</i> ERIC Y. CHOW, P.E. # 062-060334 EXP: 11/30/2011 DATE: 7/28/2010 SHEETS 187-230 ; 289-307	PATRICK ENGINEERING, INC. ATALAY YARGICOGLU, S.E. <i>Atalay Yargicoglu</i> ATALAY YARGICOGLU, S.E. # 081-005358 EXP: 11/30/2010 DATE: 7/28/2010 SHEETS 403-424	PATRICK ENGINEERING, INC. CHRISTY HAWTHORN, P.E. <i>Christy Hawthorn</i> CHRISTY HAWTHORN, P.E. # 062-058438 EXP: 11/30/2011 DATE: 7/28/2010 SHEETS 375-402	GEWALT-HAMILTON ASSOCIATES, INC. DANIEL P. BRINKMAN, P.E. <i>Daniel P. Brinkman</i> DANIEL P. BRINKMAN, P.E. # 062-055293 EXP: 11/30/2011 DATE: 7/28/2010 SHEETS 310-374
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LIST OF STATE STANDARDS

STANDARD NO.	ITEM DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEM
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-07	PAVEMENT JOINTS
420401-08	BRIDGE APPROACH PAVEMENT
424001-05	CURB RAMPS FOR SIDEWALKS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERT 375 MM (15") THRU 900 MM (36") DIA AT RIGHT ANGLE WITH ROADWAY
542106-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERT 1050 MM (42") THRU 1500 MM (60") DIA AT RIGHT ANGLE WITH ROADWAY
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION FOR 600 MM (24") THRU 1300 MM (54") PIPE
601001-03	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-01	CATCH BASIN, TYPE A
602011-01	CATCH BASIN, TYPE C
602301-02	INLET, TYPE A
602306-02	INLET, TYPE B
602401-02	MANHOLE, TYPE A
602406-03	MANHOLE, TYPE A 6'
602411-01	MANHOLE, TYPE A 7'
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE 8
604056-03	FRAME AND GRATE, TYPE 11V
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-15.60 (B-6.24)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-08	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
631011-06	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5 & 5A
631031-08	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
664001-02	CHAIN LINK FENCE
666001-01	RIGHT-OF-WAY MARKERS
667101-01	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L 2W, 4.5 M (15') MIN. AWAY, FOR SPEEDS > OR = 45 MPH
701006-03	OFF-ROAD OPERATIONS, 2L 2W, 4.5 M (15') TO PAVEMENT EDGE, FOR SPEEDS > OR = 45 MPH
701011-02	OFF-ROAD MOVING OPERATIONS, 2L 2W, DAY ONLY, FOR SPEEDS > OR = 45 MPH
701101-02	OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 4.5 M (15') AWAY, FOR SPEEDS > OR = 45 MPH
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 M (15') AWAY, FOR SPEEDS > OR = 45 MPH
701201-03	LANE CLOSURE, 2L 2W, DAY ONLY, ON-ROAD TO 600 MM (24") OFF-ROAD, FOR SPEEDS > OR = 45 MPH
701301-03	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L 2W, SLOW MOVING DAY ONLY OPERATIONS, FOR SPEEDS > OR = 45 MPH
701311-03	LANE CLOSURE, 2L 2W, MOVING DAY ONLY OPERATIONS, FOR SPEEDS > OR = 45 MPH
701606-06	LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN, FOR SPEEDS < 45 MPH
701701-06	LANE CLOSURE, MULTILANE, INTERSECTION, FOR SPEEDS < 45 MPH
701801-04	LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE, FOR SPEEDS < 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS (SIGNS, MARKERS AND DELINEATORS)
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877002-01	STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
877011-04	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-01	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-08	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS
BD01	DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)
BD02	DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15' (4.5 m)
BD08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD32	BUTT JOINTS AND BITUMINOUS TAPER
BD34	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL
BD51	BENCHING DETAIL FOR EMBANKMENT WIDENING
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC13	TYPICAL PAVEMENT MARKINGS
TC14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC26	DRIVEWAY ENTRANCE SIGNING



USER NAME = kjoepfen(Rdg_Lisle)
 PLOT CONFIG = PDF(Grey_Large).plt
 PLOT SCALE = 1:50
 PLOT DATE = 9/21/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

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MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
INDEX OF SHEETS AND STATE STANDARDS VOLUME 1

SCALE: NA SHEET NO. STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	2
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63398	

GENERAL NOTES

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 or 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48-HOUR NOTIFICATION)

3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.

4. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.

5. THE CONTRACTOR SHALL PROTECT EXISTING OR NEW UTILITIES WHEN CONSIDERED NECESSARY BY METHODS APPROVED BY THE ENGINEER, AND HE SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT THE COST THEREOF SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT.

6. ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR CLASS II SAFETY VESTS AT ALL TIMES THAT MEET THE ANSI 207 STANDARD WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.

7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS.

8. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON PUBLIC OR PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE McHENRY COUNTY DIVISION OF TRANSPORTATION

9. ALL ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON VERTICAL DATUM NAVD88 AND ARE BASED ON THE McHENRY COUNTY GEODETIC CONTROL STATION LIST

10. SAW CUTTING OF PAVEMENTS, SHOULDERS, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN, STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAWCUTTING SHALL BE CONSIDERED INCLUDED IN THE ITEM REMOVED.

11. DRIVEWAYS ARE TO BE CONSTRUCTED TO WITHIN ONE (1) FOOT OF THE F.O.W. OR TEMPORARY EASEMENT, UNLESS OTHERWISE NOTED.

12. THE CURB & GUTTER SHALL BE DEPRESSED THROUGH DRIVEWAYS AND PAID FOR AS COMBINATION CONCRETE CURB & GUTTER AS NOTED ON THE PLANS.

13. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED. ALL TRANSITIONS BETWEEN PROPOSED CURB AND SHOULDER SHALL BE 16 FOOT TRANSITIONS UNLESS OTHERWISE NOTED.

14. IN MEDIANS, THE GUTTER FLAG FOR CC&G TYPE SB6.12 SHALL HAVE A REVERSE SLOPE. THE TRANSITION TO MATCH THE STANDARD GUTTER FLAG SLOPE OF THE CC&G B6.12 SHALL BE 10' AND OCCUR WITHIN THE SECTION OF MEDIAN CONSTRUCTED AS CC&G TYPE SB6.12, OR AS DIRECTED BY THE ENGINEER.

15. PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH ARTICLE 420 OF THE STANDARD SPECIFICATIONS TO CONCRETE MEDIAN SURFACE AND BARRIER, APPROACH AND SHOULDER SLABS, AND ALL EXPOSED SURFACES OF CURBS AND GUTTERS AND PCC SIDEWALKS.

16. THE CONTRACTOR SHALL SAW CUT CONTRACTION JOINTS AT 15' C-C SPACING IN THE PCC BASE COURSE OR AT THE SPECIFIED JOINTS. THIS SAW CUTTING WILL BE INCLUDED IN THE COST OF THE BASE COURSE.

17. NO PAYMENT SHALL BE MADE FOR OVERHAUL FROM ANY SOURCE, BUT SHALL BE CONSIDERED INCLUDED WITH EARTH EXCAVATION.

18. POROUS GRANULAR EMBANKMENT (PGE) SUBGRADE, HAS BEEN PROVIDED FOR GENERAL USE. THE ACTUAL NEED FOR REMOVAL OF UNSUITABLE AND UNSTABLE SOILS AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED FROM THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR. IN THE AREAS WHERE PGE IS PLACED, A GEOTEXTILE GROUND STABILIZATION FABRIC WILL BE PLACED UNDER THE PGE.

19. THE EXISTING GUARDRAIL SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. A SALVAGE VALUE OF THE REMOVED GUARDRAIL, POSTS, AND FITTINGS SHALL BE REFLECTED IN THE CONTRACT UNIT BID PRICE PER FOOT FOR STEEL PLATE BEAM GUARDRAIL REMOVAL. EXISTING RAILS, POSTS, AND FITTINGS WILL NOT BE RE-USED WITHIN THE IMPROVEMENT.

20. WHEREVER CONCRETE MASONRY WALLS, HEADWALLS, OR OTHER OBSTRUCTIONS ARE ENCOUNTERED THEY SHALL BE REMOVED TO AN ELEVATION OF 1 FOOT BELOW THE ESTABLISHED GRADE OR SUBGRADE AS SHOWN ON THE PLANS. SUCH WORK SHALL BE CONSIDERED INCLUDED IN EARTH EXCAVATION.

21. OFFSETS FOR THE DRAINAGE STRUCTURES NOTED IN THE PLANS ARE AT EDGE OF PAVEMENT FOR DRAINAGE STRUCTURES WITHIN THE PAVEMENT. FOR DRAINAGE STRUCTURES OUTSIDE THE PAVEMENT, THE OFFSETS ARE TO THE CENTER OF THE STRUCTURE.

22. THE CONTRACTOR SHALL VERIFY THE INVERTS, SIZES, AND MATERIAL FOR ALL EXISTING STORM SEWERS THAT ARE BEING CONNECTED TO THE PROPOSED STORM SEWER SYSTEM.

23. THE COST TO CONNECT EXISTING PIPE CULVERTS OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM OR IN CONNECTING PROPOSED ELEMENTS SHALL BE CONSIDERED INCLUDED IN OTHER DRAINAGE ITEMS UNLESS NOTED OTHERWISE.

24. PROPOSED STORM SEWER INSTALLATION SHALL BE COORDINATED WITH PROPOSED GUARDRAIL LOCATIONS TO ENSURE NO CONFLICTS BETWEEN GUARDRAIL POSTS AND STORM SEWERS.

25. FIRE HYDRANTS TO BE MOVED SHALL BE PLACED ACCORDING TO THE DIRECTION OF THE ENGINEER AND THE LOCAL MUNICIPALITY. MATERIALS SHALL BE AS SPECIFIED BY THE LOCAL MUNICIPALITY.

26. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH ANY REMOVED GRATES WHICH ARE DAMAGED OR BROKEN DURING HANDLING SHALL BE REPLACED BY THE ENGINEER. ALL OPEN LIDS SHALL HAVE "DUMP NO WASTE" & DRAINS TO WATERWAYS STAMPED ON THEM. SEE MCDOT SPECIFICATION.

27. ALL DISTURBED AREAS INDICATED TO BE SEEDED OR SODDED SHALL INCLUDE FERTILIZER NUTRIENTS. SUPPLEMENTAL WATERING IS TO BE USED AFTER THE INITIAL WATERING FOR SOD (AS SPECIFIED AND AS DIRECTED BY THE ENGINEER) AT THE RATE OF 3 GALLONS PER SQUARE YARD. SODDED SLOPES WHICH ARE 2.5:1 OR STEEPER SHALL BE STAKED. PROVIDE A 6" SODDED STRIP AROUND CATCH BASINS OR INLETS IN SEEDED AREAS, WHICH IS CONSIDERED INCLUDED IN THE UNIT PRICE FOR THE DRAINAGE STRUCTURE ITEM CONSTRUCTED.

28. IT IS NOTED THAT REMOVAL AND ANY REINSTALLATION OF DITCH CHECKS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR DITCH CHECKS.

29. BARRICADES: ON ALL TYPE I & II BARRICADES THE CONTRACTOR SHALL INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED, ONE WEIGHTED SAND BAG SHALL BE LAID ACROSS EACH BOTTOM RAIL.

30. WHERE SECTION, SUBSECTION, SUBDIVISION, OR PROPERTY MONUMENTS ARE IMPACTED, THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. A QUANTITY OF PAY ITEM "PERMANENT SURVEY MARKERS, TYPE 1" HAS BEEN ADDED TO THE CONTRACT AS A PROVISION TO REPLACE ANY DAMAGED MARKERS.

31. DEWATERING FOR THE CONSTRUCTION OF THE BOX CULVERT SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF "CONCRETE BOX CULVERTS".

32. FOR STRUCTURAL GENERAL NOTES, SEE STRUCTURAL PLANS.

33. FOR MAINTENANCE OF TRAFFIC GENERAL NOTES, SEE MAINTENANCE OF TRAFFIC PLANS.

34. COORDINATION WITH IDOT BUREAU OF TRAFFIC SHOULD TAKE PLACE PRIOR TO TURNING ON THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF RAKOW ROAD AND ILLINOIS ROUTE 31.

35. THE EXISTING BICYCLE PATH LOCATED EAST OF PYOTT ROAD SHOULD REMAIN OPEN ON FRIDAY, SATURDAY, AND SUNDAY DURING THE ENTIRETY OF CONSTRUCTION. CLOSURES ARE ONLY ALLOWED FOR LIMITED TIME PERIODS ON MONDAY, TUESDAY, WEDNESDAY, AND THURSDAY UNLESS OTHERWISE AUTHORIZED BY THE McHENRY COUNTY DIVISION OF TRANSPORTATION AND THE McHENRY COUNTY CONSERVATION DISTRICT.



36. THE CONTRACTOR SHALL GIVE THE CITY OF CRYSTAL LAKE AT LEAST TWO (2) WORKING DAYS NOTICE EXCLUDING SATURDAY AND SUNDAY PRIOR TO THE INITIATION OF A NEW PHASE OF CONSTRUCTION ALONG McHENRY AVENUE OR PINGREE ROAD.

37. THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, AND CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN A PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

38. STORM SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07 (METHOD 1) OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, WHICH IS BASED ON INVERT DEPTH FROM EXISTING PAVEMENT.

39. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

40. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT OTHER SEPARATE CONTRACTS MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS CONTRACT AND THAT THE CONTRACTOR WILL BE GOVERNED BY ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR WILL COORDINATE PROPOSED PROJECT START DATES AND SEQUENCE OF CONSTRUCTION WITH THE ENGINEER AND OTHER CONTRACTORS TO PRESENT AN EFFECTIVE AND TIMELY SCHEDULE FOR SUCCESSFUL COMPLETION OF THE PROJECT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR THE ABOVE REQUIREMENTS, FOR ANY DELAYS OR INCONVENIENCE RESULTING FROM THE ACTIVITIES OF OTHER CONTRACTORS.

	USER NAME = Rdwy_Lisle	DESIGNED - MJP	REVISED -		MCHENRY COUNTY	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - TCK	REVISED -		DIVISION OF TRANSPORTATION	GENERAL NOTES			0336	05-00308-00-WR	MCHENRY	606	3
PLOT SCALE = 1:50	CHECKED - JAH	REVISED -	REVISED -				SCALE: NA			SHEET NO.	STA.	TO STA.	CONTRACT NO. 63398
PLOT DATE = 7/28/2010	DATE - 8/2/2010	REVISED -	REVISED -				FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE				0043
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	RDWY 0003	STRUCTURAL 0040	TRAFFIC SIGNALS 0021	LIGHTING 0021	100% LOCAL FUNDING	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	372	372					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	68	68					
20100500	TREE REMOVAL, ACRES	ACRE	7.0	7.0					
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	46,260	46,260					
* X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	60		60				
* Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	3,778	3,778					
20800150	TRENCH BACKFILL	CU YD	5,127	4,245				882	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	5,667	5,667					
# 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	228,014	228,014					
# 21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	17,424	17,424					
# 25000310	SEEDING, CLASS 4	ACRE	0.5	0.5					
# 25000312	SEEDING, CLASS 4A	ACRE	9.5	9.5					
# 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	3,562	3,562					
# 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3,562	3,562					
# 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3,562	3,562					
# X2500_910	SEEDING, CLASS 1 (MODIFIED)	ACRE	3.6	3.6					
# X250 1030	SEEDING, CLASS 2A (MODIFIED)	ACRE	23.3	23.3					
# X250 2014	SEEDING, CLASS 4A (MODIFIED)	ACRE	10.4	10.4					
# 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	462,099	462,099					
# 25200110	SODDING, SALT TOLERANT	SQ YD	16,506	16,506					
# 25200200	SUPPLEMENTAL WATERING	UNIT	149	149					
# 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	124,118	124,118					
28000305	TEMPORARY DITCH CHECKS	FOOT	6,500	6,500					
28000400	PERIMETER EROSION BARRIER	FOOT	55,473	55,473					
28000500	INLET AND PIPE PROTECTION	EACH	69	69					
28000510	INLET FILTERS	EACH	321	321					
28100107	STONE RIPRAP, CLASS A4	SQ YD	73	30	43				
28100109	STONE RIPRAP, CLASS A5	SQ YD	60	60					
28100111	STONE RIPRAP, CLASS A6	SQ YD	170	170					
28200200	FILTER FABRIC	SQ YD	712	669	43				
28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	409	409					
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	8,867	8,867					
31200100	STABILIZED SUB-BASE 4"	SQ YD	2,109	2,109					
35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ YD	1,235	1,235					
35501318	HOT-MIX ASPHALT BASE COURSE, 8 1/2"	SQ YD	12,034	12,034					
35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SQ YD	5,142	5,142					
35501322	HOT-MIX ASPHALT BASE COURSE, 9 1/2"	SQ YD	7,725	7,725					
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	35,973	35,973					
40600300	AGGREGATE (PRIME COAT)	TON	540	540					
40600895	CONSTRUCTING TEST STRIP	EACH	4	4					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	SQ YD	667	667					
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	473	473					
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	5,954	5,954					
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	19,294	19,294					
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	237	237					

* DENOTES SPECIAL PROVISION
DENOTES SPECIALTY ITEM



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MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. SOQ 1 OF 10 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	4
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63398	

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE				0043
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	RDWY 0003	STRUCTURAL 0040	TRAFFIC SIGNALS 0021	LIGHTING 0021	100% LOCAL FUNDING	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4,631	4,631					
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	747	747					
42001200	PAVEMENT FABRIC	SQ YD	747	747					
42001300	PROTECTIVE COAT	SQ YD	747	747					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	222	222					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9,365	9,365					
44000100	PAVEMENT REMOVAL	SQ YD	152,389	152,389					
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	23,397	23,397					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,897	2,897					
44000300	CURB REMOVAL	FOOT	500	500					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6,309	6,309					
44000600	SIDEWALK REMOVAL	SQ FT	7,583	7,583					
* X 440 2020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	1,030	1,030					
44003100	MEDIAN REMOVAL	SQ FT	5,669	5,669					
44004250	PAVED SHOULDER REMOVAL	SQ YD	13,132	13,132					
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	100	100					
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	146	146					
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	56	56					
48101200	AGGREGATE SHOULDERS, TYPE B	TON	9	9					
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,123	2,123					
50200100	STRUCTURE EXCAVATION	CU YD	676		676				
50300225	CONCRETE STRUCTURES	CU YD	96		96				
50300285	FORM LINER TEXTURED SURFACE	SQ FT	582					582	
50300300	PROTECTIVE COAT	SQ YD	414		414				
50800105	REINFORCEMENT BARS	POUND	16,400		16,400				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	11,020		11,020				
# X 509 1725	BICYCLE RAILING, SPECIAL	FOOT	43		43				
51201400	FURNISHING STEEL PILES HP10X42	FOOT	160		160				
51202305	DRIVING PILES	FOOT	160		160				
51203400	TEST PILE STEEL HP10X42	EACH	2		2				
51500100	NAME PLATES	EACH	2		2				
54002020	EXPANSION BOLTS 3/4 INCH	EACH	33		33				
54003000	CONCRETE BOX CULVERTS	CU YD	106		106				
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	19	19					
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	7	7					
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4					
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	13	13					
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4	4					
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	4	4					
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1	1					
* 54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	13	13					
* 54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	4	4					
* 54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	4	4					

* DENOTES SPECIAL PROVISION
DENOTES SPECIALTY ITEM



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MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 500 2 OF 10 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	5
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE				0043
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	RDWY 0003	STRUCTURAL 0040	TRAFFIC SIGNALS 0021	LIGHTING 0021	100% LOCAL FUNDING	
* 54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	1	1					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2,164	2,164					
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	266	266					
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	690	690					
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	1,362	1,362					
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	226	226					
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	306	306					
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	344	344					
550A0200	STORM SEWERS, CLASS A, TYPE 1 54"	FOOT	298	298					
550A0210	STORM SEWERS, CLASS A, TYPE 1 60"	FOOT	5	5					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	6,859	6,859					
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	1,525	1,525					
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2,253	2,253					
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	2,822	2,822					
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	985	985					
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	1,626	1,626					
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	821	821					
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	823	823					
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	774	774					
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	3,116	3,116					
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	335	335					
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	146	146					
550A0730	STORM SEWERS, CLASS A, TYPE 3 30"	FOOT	64	64					
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	238	238					
55100200	STORM SEWER REMOVAL 6"	FOOT	1,140	1,140					
55100300	STORM SEWER REMOVAL 8"	FOOT	58	58					
55100500	STORM SEWER REMOVAL 12"	FOOT	718	718					
55100700	STORM SEWER REMOVAL 15"	FOOT	580	580					
55100900	STORM SEWER REMOVAL 18"	FOOT	706	706					
55101200	STORM SEWER REMOVAL 24"	FOOT	3,890	3,890					
55101400	STORM SEWER REMOVAL 30"	FOOT	990	990					
55101600	STORM SEWER REMOVAL 36"	FOOT	510	510					
# * 56103100	DUCTILE IRON WATER MAIN 8"	FOOT	37					37	
# * 56103200	DUCTILE IRON WATER MAIN 10"	FOOT	221					221	
# * 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	468					468	
# * 56105000	WATER VALVES 8"	EACH	1					1	
# * 56105100	WATER VALVES 10"	EACH	2					2	
# * 56105200	WATER VALVES 12"	EACH	2					2	
# * 56106500	ADJUSTING WATER MAIN 10"	FOOT	160	160					
# * 56106600	ADJUSTING WATER MAIN 12"	FOOT	80	80					
# 56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	360	360					
# 56300300	ADJUSTING WATER SERVICE LINES	FOOT	360	360					
# * 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	14	14					

* DENOTES SPECIAL PROVISION
DENOTES SPECIALTY ITEM



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DATE - 8/2/2010

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MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 303 OF 10 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	6
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63398	

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE				0043
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	RDWY 0003	STRUCTURAL 0040	TRAFFIC SIGNALS 0021	LIGHTING 0021	100% LOCAL FUNDING	
# 56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	7	7					
58700300	CONCRETE SEALER	SQ FT	195		195				
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	41		41				
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	3	3					
60107600	PIPE UNDERDRAINS 4"	FOOT	600	600					
* 60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	75	75					
* Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	76		76				
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	19	19					
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	17	17					
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	169	169					
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	8	8					
60204825	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	1	1					
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	9	9					
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	18	18					
60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	EACH	19	19					
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	82	82					
60218400	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	41	41					
60221100	MANHOLE, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	26	26					
60223800	MANHOLE, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	21	21					
60224446	MANHOLE, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	33	33					
60224448	MANHOLE, TYPE A, 7'-DIAMETER, TYPE 8 GRATE	EACH	3	3					
* XX008433	MANHOLES, SPECIAL, TYPE 1	EACH	3	3					
* XX008434	MANHOLES, SPECIAL, TYPE 2	EACH	3	3					
* XX008435	MANHOLES, SPECIAL, TYPE 3	EACH	7	7					
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	24	24					
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	1	1					
* XX008436	VALVE VAULTS, 5'-DIAMETER	EACH	5					5	
* 60260050	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	3	3					
60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	1	1					
* 60266500	VALVE VAULTS TO BE REMOVED	EACH	3					3	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	8	8					
* 60266910	VALVE BOXES TO BE REMOVED	EACH	3					3	
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	2	2					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	9	9					
60500040	REMOVING MANHOLES	EACH	19	19					
60500050	REMOVING CATCH BASINS	EACH	19	19					
60500060	REMOVING INLETS	EACH	11	11					
* 60603300	GUTTER OUTLET	EACH	7	7					
* 60603400	GUTTER OUTLET SPECIAL	EACH	16	16					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	716	716					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	65,280	65,280					
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	330	330					
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	513	513					

* DENOTES SPECIAL PROVISION
DENOTES SPECIALTY ITEM



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MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. - SQ 4 OF 10 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 7
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63398	

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE				0043
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	RDWY 0003	STRUCTURAL 0040	TRAFFIC SIGNALS 0021	LIGHTING 0021	100% LOCAL FUNDING	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3,065	3,065					
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	3,322	3,322					
# 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	2,562.5	2,562.5					
# 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5	5					
# 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	5	5					
63200310	GUARDRAIL REMOVAL	FOOT	2,848	2,848					
# * 66400550	CHAIN LINK FENCE 4' SPECIAL	FOOT	400		400				
* 66410300	CHAIN LINK FENCE REMOVAL	FOOT	594	594					
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	122	122					
* 67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	27	27					
67100100	MOBILIZATION	L SUM	1	1					
* 70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	825	825					
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	378	378					
# 70300100	SHORT-TERM PAVEMENT MARKING	FOOT	23,276	23,276					
# 70300510	PAVEMENT MARKING TAPE, TYPE III- LETTERS AND SYMBOLS	SQ FT	9,475	9,475					
# 70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	329,321	329,321					
# 70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	38,103	38,103					
# 70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	6,164	6,164					
# 70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	3,805	3,805					
# 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	242,991	242,991					
70400100	TEMPORARY CONCRETE BARRIER	FOOT	487.5	487.5					
# 70500100	TEMPORARY STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1,387.5	1,387.5					
# 70500615	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	2	2					
# 70500625	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2					
72000100	SIGN PANEL - TYPE 1	SQ FT	278			278			
* 72000105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	1,427	1,427					
72000200	SIGN PANEL - TYPE 2	SQ FT	22.50			22.50			
* 72000205	SIGN PANEL - TYPE 2 (SPECIAL)	SQ FT	239	239					
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	60	60					
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	119	119					
* 72800105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	2,256	2,256					
* 73100110	BASE FOR TELESCOPING SIGN SUPPORT, SPECIAL	EACH	206	206					
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	2		2				
# 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3,859	3,859					
# 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	183,624	183,624					
# 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	15,905	15,905					
# 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,992	2,992					
# 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1,421	1,421					
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	5	5					
78300100	PAVEMENT MARKING REMOVAL	SQ FT	66,618	66,618					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,696	1,696					
# 80400100	ELECTRIC SERVICE INSTALLATION	EACH	3				3		

* DENOTES SPECIAL PROVISION
DENOTES SPECIALTY ITEM



USER NAME = tkoeppen(Rdwj.Lisle)	DESIGNED - MJP	REVISED -
PLOT CONFIG= PDFIGrey.Large.plt	DRAWN - TCK	REVISED -
PLOT SCALE = 1:50	CHECKED - JAH	REVISED -
PLOT DATE = 9/21/2018	DATE - 8/2/2010	REVISED -



MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31	
SUMMARY OF QUANTITIES	
SCALE: NA	SHEET NO.
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	8
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63398				

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE				0043
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	RDWY 0003	STRUCTURAL 0040	TRAFFIC SIGNALS 0021	LIGHTING 0021	100% LOCAL FUNDING	
#*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1		
#	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	4,009		3,994	15		
#	81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	295		295			
#	81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	623		623			
#	81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	155		125	30		
#	81017525	CONDUIT IN TRENCH, 2" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	24,424		10,298		14,126	
#	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1,462		585		877	
#	81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	173		173			
#	81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	4,819		3,499	1,320		
#	81019100	CONDUIT PUSHED, 6" DIA., GALVANIZED STEEL	FOOT	280			280		
#	81400100	HANDHOLE	EACH	38		38			
#	81400200	HEAVY-DUTY HANDHOLE	EACH	2		2			
#	81400300	DOUBLE HANDHOLE	EACH	12		12			
#	81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	33				33	
#	81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	100			100		
#	81702180	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	300			300		
#	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	54,085		15,309	24,650	14,126	
#	82102310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	14			14		
#	82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	140			140		
#	83008600	LIGHT POLE, ALUMINUM, 40 FT. M.H., 15 FT. MAST ARM	EACH	123			123		
#	83600357	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 8"	EACH	123			123		
#	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	123			123		
#	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	38			38		
#*	84200804	REMOVAL OF POLE FOUNDATION	EACH	38			38		
#	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1			1		
#	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1			1		
#	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1			1		
#*	85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	4		4			
#*	85700305	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1		1			
#	86000105	MASTER CONTROLLER (SPECIAL)	EACH	1		1			
#	86400100	TRANSCEIVER - FIBER OPTIC	EACH	5		5			
#	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5,522		5,522			
#	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	23,636		23,636			
#	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	11,073		11,073			
#	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,878		2,878			
#	87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	5,649		5,649			
#	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	224		224			
#	87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1		1			
#	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	11		11			
#	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1			
#	87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1		1			
#	87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1		1			
#	87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	5		5			

* DENOTES SPECIAL PROVISION
DENOTES SPECIALTY ITEM

	USER NAME = tkoeppen(Rdwy,Lisle)	DESIGNED - MJP	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - TCK	REVISED -				0336	05-00308-00-WR	MCHENRY	606	9
	PLOT SCALE = 1/8"=1'	CHECKED - JAH	REVISED -				FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 9/21/2010	DATE - 8/2/2010	REVISED -				SCALE: NA	SHEET NO. 500 6 OF 10	STA.	TO STA.	CONTRACT NO. 63398

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				0043
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	RDWY 0003	STRUCTURAL 0040	TRAFFIC SIGNALS 0021	LIGHTING 0021	100% LOCAL FUNDING
# 87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	3			3		
# 87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1			1		
# 87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1			1		
# 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1			1		
# 87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1			1		
# 87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	2			2		
# 87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	2			2		
# 87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1			1		
# 87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	3			3		
# 87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	2			2		
# 87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1			1		
# 87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1			1		
# 87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	2			2		
# 87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	1			1		
# 87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1			1		
# 87703050	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT.	EACH	2			2		
# 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	48			48		
# 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	20			20		
#* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	375			375		
#* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	168			168		
# 87900200	DRILL EXISTING HANDHOLE	EACH	4			4		
# 88024130	OPTICALLY PROGRAMMED SIGNAL HEAD, 1-FACE, 3 SECTION, MAST ARM MOUNTED	EACH	4			4		
# 88024320	OPTICALLY PROGRAMMED SIGNAL HEAD, 1-FACE, 5 SECTION, MAST ARM MOUNTED	EACH	2			2		
# 88025180	COMBINATION SIGNAL HEAD, 2-FACE, 1-5 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION, BRACKET MOUNTED	EACH	1			1		
# 88025460	COMBINATION SIGNAL HEAD, 3-FACE, 2-5 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION, BRACKET MOUNTED	EACH	2			2		
# 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	68			68		
# 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4			4		
# 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	3			3		
# 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5			5		
# 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	20			20		
# 88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1			1		
# 88030230	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1			1		
# 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	5			5		
# 88030260	SIGNAL HEAD, LED, 3-FACE, 1-4 SECTION, 2-5 SECTION, BRACKET MOUNTED	EACH	1			1		
# 88030320	SIGNAL HEAD, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED	EACH	1			1		
# 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2			2		
# 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	94			94		
# 88500100	INDUCTIVE LOOP DETECTOR	EACH	7			7		
# 88600100	DETECTOR LOOP, TYPE 1	FOOT	1,402			1,402		
# 88700200	LIGHT DETECTOR	EACH	21			21		
# 88700300	LIGHT DETECTOR AMPLIFIER	EACH	6			6		
# 88800100	PEDESTRIAN PUSH-BUTTON	EACH	2			2		
# 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	6			6		

* DENOTES SPECIAL PROVISION
DENOTES SPECIALTY ITEM



USER NAME = tkoeppen(Rdwy_Lisle)
PLOT CONFIG = PDF(Grey_Large).plt
PLOT SCALE = 1:50
PLOT DATE = 9/21/2010

DESIGNED - MJP
DRAWN - TCK
CHECKED - JAH
DATE - 8/2/2010

REVISED -
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REVISED -
REVISED -



MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	10
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63398		

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE				0043
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	RDWY 0003	STRUCTURAL 0040	TRAFFIC SIGNALS 0021	LIGHTING 0021	100% LOCAL FUNDING	
# 89502200	MODIFY EXISTING CONTROLLER	EACH	1			1			
# 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,230			3,230			
# 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	6			6			
# 89502380	REMOVE EXISTING HANDHOLE	EACH	69			69			
# 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	59			59			
# A2001024	TREE, ACER RUBRUM (RED MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	31	31					
# A2002520	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	77	77					
# A2002924	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED	EACH	58	58					
# A2006518	TREE, ULMUS PARVIFOLIA (LACEBARK ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	63	63					
# A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	70	70					
# A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	60	60					
# A2008024	TREE, TILIA CORDATA (LITTLE LEAF LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	48	48					
# B2010165	TREE, CORNUS KOUSA (KOUSA DOGWOOD), 5' HEIGHT, BALLED AND BURLAPPED	EACH	66	66					
# D2002288	EVERGREEN, PICEA PINGENS GLAUCA (COLORADO BLUE SPRUCE), 8' HEIGHT, BALLED AND BURLAPPED	EACH	50	50					
# X5610708	WATER MAIN REMOVAL 8"	FOOT	17					17	
* X0301423	NOISE ABATMENT WALL, PRECAST CONCRETE (GROUND MOUNTED)	SQ FT	6,905		6,905				
# X5610712	WATER MAIN REMOVAL 12"	FOOT	466					466	
* X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	18	18					
* Z0056608	STORM SEWERS (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	659	659					
* Z0056610	STORM SEWERS (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	10	10					
* Z0056616	STORM SEWERS (WATER MAIN REQUIREMENTS), 24 INCH	FOOT	145	145					
* Z0056620	STORM SEWERS (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	240	240					
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1,260	1,260					
* X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	3,480		3,480				
* Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	234	234					
# Z0033090	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	56,894			15,691	26,200	15,003	
* X0322936	REMOVE EXISTING FLARED END SECTION	EACH	81	81					
# X5610710	WATER MAIN REMOVAL 10"	FOOT	206					206	
* X0323868	DRAINAGE RESTRICTOR	EACH	8	8					
# Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1			1			
# 81603230	UNIT DUCT, 600V, 3-1/C NO. 1, 1/C NO. 1 GROUND, (EPR-TYPE RHW), 2" DIA., POLYETHYLENE	FOOT	17,200				17,200		
# Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1			1			
# Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	6			6			
* X0326358	STORM WATER TREATMENT SYSTEM	EACH	2	2					
# X0326723	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS	SQ FT	2,876					2,876	
# X0326724	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS - LINE 4"	FOOT	38,322					38,322	
# X0326725	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS - LINE 6"	FOOT	14,768					14,768	
# X0326726	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS - LINE 12"	FOOT	3,314					3,314	
# X0326727	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS - LINE 24"	FOOT	1,173					1,173	
* Z0062456	TEMPORARY PAVEMENT	SQ YD	40,821	40,821					
* X0932150	CURB & GUTTER OUTLET SPECIAL	EACH	4	4					
* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	2	2					
* X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	11	11					

* DENOTES SPECIAL PROVISION
DENOTES SPECIALTY ITEM



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MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 500 8 OF 10 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 11
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
		CONTRACT NO. 63398		

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE				0043
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	RDWY 0003	STRUCTURAL 0040	TRAFFIC SIGNALS 0021	LIGHTING 0021	100% LOCAL FUNDING	
* X4023000	TEMPORARY ACCESS (ROAD)	EACH	7	7					
* X6062500	PORTLAND CEMENT CONCRETE SIDEWALK ACCESSIBILITY RAMP, TYPE B, 5 INCH	SQ FT	194	194					
#* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	38,322	38,322					
#* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	14,768	14,768					
#* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	7,327	7,327					
#* X7330095	OVERHEAD SIGN STRUCTURE - CANTILEVER MONOTUBE	FOOT	41		41				
#* X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	5			5			
#* X8210405	LUMINAIRE SHIELD	EACH	38				38		
#* X8250085	LIGHTING CONTROLLER, DUPLEX CONSOLE TYPE	EACH	2				2		
#* 82500340	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 480 VOLT, 60 AMP	EACH	1				1		
#* X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	6			6			
#* X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	15,691			15,691			
#* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2,750			2,750			
#* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	5,522			5,522			
#* XX005723	VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	5			5			
* XX005855	WATER MAIN CASING PIPE	FOOT	373					373	
#* XX005937	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	20			20			
* XX006277	TEMPORARY SEDIMENT TRAP	EACH	4	4					
#* 81603175	UNIT DUCT, 600 V, 3 1/C NO. 8, 1/C NO. 8 GROUND, (EPR-TYPE RHW), 1" DIA. POLYETHYLENE	FOOT	2,300				2,300		
* XX008133	MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS	UNIT	75,000	75,000					
* Z0001040	AGGREGATE SUBGRADE 8"	SQ YD	2,123	2,123					
* Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	195,078	195,078					
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
* Z0019500	DRYWELL	EACH	2	2					
* Z0019600	DUST CONTROL WATERING	UNIT	4,182	4,182					
* Z0030255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2					
* Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	3,400		3,400				
* Z0042500	POST, SPECIAL	EACH	2	2					
* Z0066400	STABILIZED DRIVEWAYS 6"	SQ YD	15	15					
* Z0066600	STABILIZED DRIVEWAYS 8"	SQ YD	879	879					
+* Z0076600	TRAINEES	hour	6,000	6,000					
#* 81603232	UNIT DUCT, 600V, 3-1/C NO. 1/0, 1/C NO. 2 GROUND, (EPR-TYPE RHW), 2" DIA., POLYETHYLENE	FOOT	6,700				6,700		
#* X0327080	WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKINGS - LINE 8"	FOOT	7,327					7,327	

+ (0042)

* DENOTES SPECIAL PROVISION
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USER NAME = tkoeppen(Rdwg_L1s1e)
 PLOT CONFIG = PDF(Grey_Large).plt
 PLOT SCALE = 1:50
 PLOT DATE = 9/21/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -



MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 SUMMARY OF QUANTITIES
 SCALE: NA SHEET NO. 9 OF 10 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 12
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		

SUMMARY OF QUANTITIES					100% LOCAL FUNDING	CONSTRUCTION TYPE CODE			0043
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	RDWY 0003	STRUCTURAL 0040	TRAFFIC SIGNALS 0021	LIGHTING 0021	100% LOCAL FUNDING	
	FULL-DEPTH PAVEMENT OPTION (RAKOW ROAD) <i>ALTERNATE A</i>								
Δ 20200100	EARTH EXCAVATION	CU YD	145,565	145,565					
Δ 20400800	FURNISHED EXCAVATION	CU YD	8,395	8,395					
Δ 35501331	HOT-MIX ASPHALT BASE COURSE, 11 3/4"	SQ YD	148,602	148,602					
Δ 40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	17,150	17,150					
	COMPOSITE PAVEMENT OPTION (RAKOW ROAD) <i>ALTERNATE B</i>								
Δ 20200100	EARTH EXCAVATION	CU YD	128,625	128,625					
		CU YD	46,260	46,260					
Δ 20400800	FURNISHED EXCAVATION	CU YD	16,090	16,090					
Δ 35300205	PORTLAND CEMENT CONCRETE BASE COURSE 7 1/4"	SQ YD	148,602	148,602					
Δ 40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	15,007	15,007					

Δ 100% LOCAL FUNDING



USER NAME = Rdwg.Lisle
 PLOT CONFIG = PDF(Grey, Large).plt
 PLOT SCALE = 1:50
 PLOT DATE = 7/28/2010

DESIGNED -
 DRAWN -
 CHECKED -
 DATE = 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -



MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 500 10 OF 10 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	13
CONTRACT NO. 63398				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

RAKOW ROAD EARTHWORK FULL-DEPTH HMA			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
186+48.10	TO	187+00.00	0.00	29.44	143.09	27.83	48.55	0.57	0.00	25.03	121.62	84.32	61.38	69.52	-84.32	-36.35	52.10
187+00.00	TO	188+00.00	0.00	55.93	249.95	46.67	95.25	14.86	0.00	47.54	212.46	107.80	124.97	73.13	-107.80	-77.44	139.33
188+00.00	TO	188+47.94	0.00	32.04	110.13	14.47	43.33	13.46	0.00	27.24	93.61	28.69	47.10	5.70	-28.69	-19.86	87.91
188+47.94	TO	189+00.00	0.00	48.07	120.34	6.88	45.54	12.58	0.00	40.86	102.29	18.70	36.11	2.87	-18.70	4.75	99.42
189+00.00	TO	190+00.00	0.00	115.96	269.89	19.16	95.61	30.09	0.00	98.57	229.41	18.87	73.04	0.97	-18.87	25.53	228.43
190+00.00	TO	190+68.04	0.00	86.20	196.59	24.68	69.81	24.68	0.00	73.27	167.10	15.38	65.29	0.00	-15.38	7.98	167.10
190+68.04	TO	191+00.00	0.00	42.57	93.63	9.92	33.61	9.92	0.00	36.19	79.58	8.13	35.55	0.00	-8.13	0.64	79.58
191+00.00	TO	192+00.00	0.00	137.88	295.14	25.89	110.26	25.89	0.00	117.20	250.87	18.40	100.41	0.04	-18.40	16.79	250.83
192+00.00	TO	193+00.00	0.00	134.91	280.55	24.53	112.40	24.53	0.00	114.67	238.46	12.10	79.86	0.94	-12.10	34.81	237.52
193+00.00	TO	194+00.00	0.00	110.62	242.22	26.13	106.80	26.13	0.00	94.03	205.89	13.20	66.02	5.26	-13.20	28.01	200.63
194+00.00	TO	195+00.00	0.00	78.11	210.42	28.32	100.95	28.32	0.00	66.39	178.85	14.22	83.92	9.67	-14.22	-17.52	169.19
195+00.00	TO	196+00.00	0.00	77.01	210.66	27.44	94.86	27.44	0.00	65.46	179.06	12.39	72.64	8.32	-12.39	-7.18	170.73
196+00.00	TO	197+00.00	0.00	144.95	230.86	24.28	95.78	24.28	0.00	123.21	196.23	10.96	18.32	4.75	-10.96	104.89	191.48
197+00.00	TO	198+00.00	0.00	183.19	236.84	23.23	96.43	11.59	0.00	155.72	201.32	8.92	0.00	3.56	-8.92	155.72	197.75
198+00.00	TO	199+00.00	0.00	150.45	237.05	23.12	95.94	11.48	0.00	127.89	201.49	10.05	31.07	4.22	-10.05	96.81	197.27
199+00.00	TO	200+00.00	0.00	114.58	245.42	22.14	97.29	22.14	0.00	97.40	208.60	12.28	50.19	4.24	-12.28	47.21	204.36
200+00.00	TO	201+00.00	0.00	125.48	247.44	21.40	98.94	21.40	0.00	106.66	210.33	11.18	26.10	3.81	-11.18	80.56	206.52
201+00.00	TO	202+00.00	0.00	151.46	247.89	21.04	104.61	21.04	0.00	128.74	210.71	10.11	14.03	3.74	-10.11	114.72	206.96
202+00.00	TO	203+00.00	0.00	147.94	239.26	20.25	104.22	20.25	0.00	125.75	203.37	8.55	15.24	3.80	-8.55	110.51	199.57
203+00.00	TO	204+00.00	0.00	129.81	217.41	19.99	101.44	19.99	0.00	110.34	184.80	6.81	18.53	4.88	-6.81	91.81	179.92
204+00.00	TO	205+00.00	0.00	101.01	177.15	21.07	99.47	21.07	0.00	85.86	150.58	5.90	20.73	9.08	-5.90	65.13	141.49
205+00.00	TO	206+00.00	0.00	105.30	135.53	11.04	99.80	21.79	0.00	89.50	115.20	2.97	19.56	14.99	-2.97	69.94	100.21
206+00.00	TO	207+00.00	0.00	189.21	136.74	0.00	104.87	20.67	0.00	160.83	116.23	0.00	11.25	13.70	0.00	149.58	102.53
207+00.00	TO	208+00.00	0.00	357.83	187.59	0.00	112.61	17.19	0.00	304.16	159.45	0.00	2.09	5.36	0.00	302.07	154.09
208+00.00	TO	209+00.00	0.00	493.42	243.07	0.00	118.49	21.30	0.00	419.40	206.61	0.00	0.00	0.43	0.00	419.40	206.19
209+00.00	TO	210+00.00	0.00	536.65	271.13	0.00	120.53	26.81	0.00	456.15	230.46	0.00	0.00	0.00	0.00	456.15	230.46
210+00.00	TO	211+00.00	0.00	488.78	277.64	0.00	121.97	26.72	0.00	415.46	235.99	0.00	1.86	0.00	0.00	413.60	235.99
211+00.00	TO	212+00.00	0.00	401.74	265.60	0.00	123.68	24.59	0.00	341.48	225.76	0.00	11.63	0.01	0.00	329.85	225.75
212+00.00	TO	213+00.00	0.00	264.15	237.35	0.00	122.13	24.79	0.00	224.53	201.75	2.20	23.03	6.06	-2.20	201.50	195.69
213+00.00	TO	214+00.00	0.00	187.99	180.54	0.00	119.38	34.37	0.00	159.79	153.46	4.31	36.87	20.10	-4.31	122.92	133.35
214+00.00	TO	215+00.00	0.00	184.72	128.41	0.00	118.34	54.58	0.00	157.01	109.15	4.65	61.65	47.08	-4.65	95.37	62.06
215+00.00	TO	216+00.00	0.00	111.53	136.51	0.00	115.95	66.37	0.00	94.80	116.03	5.62	102.50	64.01	-5.62	-7.70	52.02
216+00.00	TO	216+54.54	0.00	30.15	106.59	0.00	61.07	34.98	0.00	25.63	90.60	4.19	65.72	37.81	-4.19	-40.09	52.78
216+54.54	TO	217+00.00	0.00	20.65	102.23	0.00	49.88	28.84	0.00	17.56	86.90	6.71	57.54	34.25	-6.71	-39.98	52.64
217+00.00	TO	217+66.64	0.00	41.98	151.30	0.00	75.54	40.69	0.00	35.68	128.61	11.16	132.47	42.45	-11.16	-96.79	86.16
217+66.64	TO	218+00.00	0.00	26.73	76.57	0.00	38.89	19.66	0.00	22.72	65.09	4.41	91.11	16.95	-4.41	-68.39	48.14
218+00.00	TO	219+00.00	0.00	107.35	203.69	25.94	107.09	29.22	0.00	91.25	173.13	30.76	245.44	42.28	-30.76	-154.20	130.85
219+00.00	TO	219+66.76	0.00	94.42	119.58	36.43	69.63	0.00	0.00	80.25	101.64	29.97	135.86	25.65	-29.97	-55.60	75.99
219+66.76	TO	220+00.00	0.00	51.60	57.24	19.21	36.14	0.00	0.00	43.86	48.66	14.15	67.31	13.59	-14.15	-23.45	35.07
220+00.00	TO	221+00.00	0.00	181.63	188.12	57.82	105.49	0.00	0.00	154.39	159.90	33.14	176.96	38.70	-33.14	-22.58	121.20
221+00.00	TO	221+45.14	0.00	98.53	105.76	12.93	49.81	12.02	0.00	83.75	89.89	5.11	84.38	10.97	-5.11	-0.63	78.92
221+45.14	TO	223+34.98	0.00	376.53	594.23	24.50	186.80	90.31	0.00	320.05	505.10	20.09	232.41	15.73	-20.09	87.64	489.37
223+34.98	TO	224+00.00	0.00	97.95	214.51	19.73	53.33	25.39	0.00	83.25	182.33	31.06	13.33	3.40	-31.06	69.92	178.93
224+00.00	TO	224+83.97	0.00	119.24	256.51	28.14	70.19	34.85	0.00	101.35	218.04	50.27	13.12	11.29	-50.27	88.24	206.75
224+83.97	TO	225+00.00	0.00	24.72	50.05	5.11	12.91	7.50	0.00	21.01	42.55	6.78	2.32	3.73	-6.78	18.70	38.82
225+00.00	TO	226+00.00	0.00	184.31	287.87	29.79	83.41	39.72	0.00	156.67	244.69	31.19	6.56	15.46	-31.19	150.11	229.23
226+00.00	TO	226+30.00	0.00	59.01	73.20	8.03	26.86	12.94	0.00	50.16	62.22	6.39	0.20	2.05	-6.39	49.96	60.17
226+30.00	TO	226+83.71	0.00	92.49	102.77	13.26	48.42	28.19	0.00	78.62	87.35	11.16	1.50	13.46	-11.16	77.12	73.89
226+83.71	TO	227+00.00	0.00	26.00	24.89	3.89	14.70	8.17	0.00	22.10	21.15	3.72	0.84	7.11	-3.72	21.26	14.04
227+00.00	TO	227+53.61	0.00	81.48	64.75	13.92	46.13	23.70	0.00	69.26	55.04	15.48	7.78	33.25	-15.48	61.47	21.79
227+53.61	TO	228+00.00	0.00	72.51	40.67	13.69	38.02	18.18	0.00	61.64	34.57	18.10	15.44	33.46	-18.10	46.20	1.11
228+00.00	TO	229+00.00	0.00	172.22	89.40	31.92	84.85	39.80	0.00	146.39	75.99	50.25	62.40	62.17	-50.25	83.99	13.82
229+00.00	TO	229+53.61	0.00	95.28	50.50	18.83	47.27	20.12	0.00	80.99	42.93	37.82	59.31	37.63	-37.82	21.68	5.30
229+53.61	TO	230+00.00	0.00	85.10	40.87	16.82	39.69	17.24	0.00	72.34	34.74	36.97	53.73	38.94	-36.97	18.61	-4.20
230+00.00	TO	231+00.00	0.00	191.76	105.14	27.49	78.81	40.81	0.00	163.00	89.37	46.89	72.42	54.35	-46.89	90.58	35.02
231+00.00	TO	231+19.00	0.00	38.79	27.40	2.91	13.63	8.32	0.00	32.97	23.29	2.49	8.23	2.99	-2.49	24.74	20.30
231+19.00	TO	231+53.61	0.00	69.14	71.85	1.85	23.61	13.30	0.00	58.77	61.08	1.26	9.45	2.53	-1.26	49.32	58.54
231+53.61	TO	232+10.61	0.00	52.94	71.51	0.00	19.45	8.81	0.00	45.00	60.78	0.00	6.01	1.76	0.00	38.99	59.02
232+10.61	TO	232+67.61	0.00	58.72	99.30	0.00	14.94	8.82	0.00	49.91	84.40	0.00	0.00	0.00	0.00	49.91	84.40
232+67.61	TO	233+00.00	0.00	70.36	121.20	0.00	19.11	13.07	0.00	59.80	103.02	0.00	3.93	0.00	0.00	55.87	103.02
233+00.00	TO	234+00.00	0.00	328.75	417.74	0.00	72.16	50.27	0.00	279.44	355.08	1.77	12.13	0.00	-1.77	267.31	355.08



USER NAME = Rdwy_Lisle	DESIGNED - MJP	REVISED -
PLOT CONFIG= PDF(Greg_Large).plt	DRAWN - TCK	REVISED -
PLOT SCALE = 1:50	CHECKED - JAH	REVISED -
PLOT DATE = 7/28/2010	DATE - 8/2/2010	REVISED -



**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
RAKOW ROAD EARTHWORK SCHEDULE FULL DEPTH HMA**

SCALE: 1"=50' SHEET NO. SHD 4 OF

RAKOW ROAD EARTHWORK FULL-DEPTH HMA			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
234+00.00	TO	234+69.94	0.00	255.42	278.74	0.00	59.38	34.36	0.00	217.10	236.93	2.81	0.00	0.93	-2.81	217.10	235.99
234+69.94	TO	235+00.00	0.00	83.10	106.54	0.00	27.37	14.30	0.00	70.63	90.56	1.56	0.00	0.52	-1.56	70.63	90.04
235+00.00	TO	236+00.00	0.00	183.85	289.68	18.07	86.81	66.82	0.00	156.27	246.22	76.12	16.38	102.93	-76.12	139.89	143.30
236+00.00	TO	236+89.79	0.00	116.90	202.38	31.42	73.00	78.33	0.00	99.37	172.02	114.52	60.59	212.68	-114.52	38.77	-40.66
236+89.79	TO	237+00.00	0.00	14.81	22.24	3.49	8.13	8.01	0.00	12.59	18.91	11.59	10.95	25.22	-11.59	1.64	-6.31
237+00.00	TO	238+00.00	0.00	149.48	204.80	34.88	79.02	74.91	0.00	127.06	174.08	122.16	164.87	303.62	-122.16	-37.81	-129.54
238+00.00	TO	239+00.00	0.00	191.44	182.45	28.44	71.35	83.34	0.00	162.72	155.09	86.88	129.81	262.56	-86.88	32.91	-107.47
239+00.00	TO	239+18.00	0.00	40.91	31.03	3.81	11.42	15.30	0.00	34.77	26.38	8.31	7.40	24.44	-8.31	27.38	1.94
239+18.00	TO	240+10.60	0.00	180.44	165.86	16.85	52.64	83.40	0.00	153.38	140.98	32.91	59.69	94.50	-32.91	93.68	46.47
240+10.60	TO	240+77.75	0.00	109.23	141.98	9.79	17.09	64.71	0.00	92.85	120.69	14.66	29.84	34.07	-14.66	63.00	86.61
240+77.75	TO	241+44.89	0.00	116.07	165.29	7.83	13.12	65.45	0.00	98.66	140.50	9.22	34.63	12.94	-9.22	64.03	127.55
241+44.89	TO	242+00.00	0.00	121.34	141.47	5.12	31.05	52.89	0.00	103.14	120.25	6.10	80.85	6.28	-6.10	22.29	113.97
242+00.00	TO	243+00.00	0.00	280.11	292.35	12.99	60.97	87.56	0.00	238.09	248.50	21.92	104.78	4.95	-21.92	133.32	243.55
243+00.00	TO	243+45.00	0.00	136.54	221.33	7.34	21.35	40.73	0.00	116.06	188.13	14.30	6.89	0.00	-14.30	109.17	188.13
243+45.00	TO	243+70.00	0.00	74.90	154.12	3.26	11.50	24.92	0.00	63.66	131.00	5.94	2.61	0.00	-5.94	61.05	131.00
243+70.00	TO	244+00.00	0.00	88.04	136.45	1.62	12.72	28.77	0.00	74.83	115.98	3.05	3.78	0.34	-3.05	71.06	115.64
244+00.00	TO	245+00.00	0.00	323.43	503.44	6.40	41.22	97.40	0.00	274.91	427.93	13.30	7.79	1.13	-13.30	267.13	426.80
245+00.00	TO	245+64.89	0.00	230.67	432.09	4.15	27.49	68.45	0.00	196.07	367.28	7.26	0.00	0.00	-7.26	196.07	367.28
245+64.89	TO	246+00.00	0.00	118.47	202.83	0.00	15.39	37.40	0.00	100.70	172.41	0.00	0.00	0.00	0.00	100.70	172.41
246+00.00	TO	246+20.00	0.00	65.92	94.62	0.00	9.20	21.34	0.00	56.03	80.43	0.54	0.00	0.00	-0.54	56.03	80.43
246+20.00	TO	246+72.11	0.00	188.27	224.39	0.00	27.80	55.68	0.00	160.03	190.73	4.22	0.00	0.00	-4.22	160.03	190.73
246+72.11	TO	247+00.00	0.00	106.99	124.03	0.00	17.08	31.31	0.00	90.94	105.42	1.50	0.00	0.00	-1.50	90.94	105.42
247+00.00	TO	247+37.62	0.00	144.47	184.56	0.00	23.02	44.59	0.00	122.80	156.88	0.73	0.00	0.00	-0.73	122.80	156.88

TOTALS = 109.91 50580.78 44419.88 2312.15 23246.45 8087.64 93.42 42993.66 37756.90 5394.44 67184.87 9139.68 -5301.02 -24191.21 28617.22

EARTH EXCAVATION = 95,111 CU YD
 FURNISHED EXCAVATION = 29,492 CU YD
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 33,646 CU YD

Q:\MCDOT\22950_001\Drawings\RDWY\shhta\Rd\VS_Earth_Sched.dwg

RAKOW ROAD EARTHWORK COMPOSITE PAVEMENT			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
85+00.00	TO	86+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
86+00.00	TO	87+00.00	0.00	6.88	7.00	0.00	51.54	9.52	0.00	5.85	5.95	0.00	294.36	5.61	0.00	-288.51	0.34
87+00.00	TO	88+00.00	0.00	13.51	16.16	0.00	109.92	23.95	0.00	11.48	13.73	0.00	554.31	19.38	0.00	-542.83	-5.65
88+00.00	TO	88+98.27	0.00	11.88	52.52	0.00	97.90	38.92	0.00	10.10	44.64	0.00	406.29	13.53	0.00	-396.19	31.11
88+98.27	TO	90+00.00	0.00	78.27	148.12	0.00	94.27	60.76	0.00	66.53	125.90	0.00	218.16	0.00	0.00	-151.64	125.90
90+00.00	TO	91+00.00	0.00	91.60	229.37	5.24	81.95	78.17	0.00	77.86	194.96	9.21	122.54	2.02	-9.21	-44.68	192.95
91+00.00	TO	92+13.27	0.00	90.66	329.75	13.69	106.46	97.88	0.00	77.06	280.29	24.69	253.72	2.82	-24.69	-176.67	277.47
92+13.27	TO	92+45.45	0.00	37.45	102.71	4.33	40.74	26.72	0.00	31.83	87.31	7.48	115.82	0.28	-7.48	-83.98	87.03
92+45.45	TO	93+00.00	0.00	55.70	154.85	7.56	69.44	43.07	0.00	47.34	131.62	11.20	243.72	0.59	-11.20	-196.38	131.04
93+00.00	TO	94+00.00	0.00	89.25	271.25	16.62	128.54	79.96	0.00	75.86	230.56	22.88	599.88	0.81	-22.88	-524.02	229.75
94+00.00	TO	94+96.87	0.00	122.82	256.19	17.39	118.37	78.15	0.00	104.40	217.77	23.19	671.60	0.13	-23.19	-567.20	217.63
94+96.87	TO	95+25.27	0.00	47.82	55.67	7.48	34.58	22.59	0.00	40.65	47.32	17.83	233.77	6.00	-17.83	-193.12	41.32
95+25.27	TO	96+00.00	0.00	136.26	92.70	33.62	143.10	63.51	0.00	115.82	78.79	154.16	1466.83	107.18	-154.16	-1351.01	-28.39
96+00.00	TO	96+96.81	0.00	208.02	99.27	55.51	239.08	87.02	0.00	176.82	84.38	308.40	2750.79	255.13	-308.40	-2573.97	-170.75
96+96.81	TO	98+00.00	0.00	210.17	95.87	62.47	212.56	90.78	0.00	178.65	81.49	349.97	2175.60	311.39	-349.97	-1996.95	-229.90
98+00.00	TO	98+78.05	0.00	141.17	66.31	46.43	108.78	67.48	0.00	119.99	56.36	266.58	715.02	239.02	-266.58	-595.03	-182.66
98+78.05	TO	98+95.00	0.00	45.45	15.49	9.83	16.81	14.54	0.00	38.63	13.16	54.82	42.87	49.04	-54.82	-4.24	-35.88
98+95.00	TO	101+13.53	0.00	537.48	251.77	89.60	196.45	165.09	0.00	456.86	214.01	394.28	197.87	418.32	-394.28	258.99	-204.31
101+13.53	TO	102+00.00	0.00	105.65	120.85	19.72	70.43	58.22	0.00	89.80	102.72	52.45	27.80	60.93	-52.45	62.00	41.79
102+00.00	TO	102+28.75	0.00	28.47	39.22	7.90	22.07	20.93	0.00	24.20	33.34	20.06	20.38	10.75	-20.06	3.82	22.58
102+28.75	TO	103+04.90	0.00	71.45	106.89	23.56	60.35	56.27	0.00	60.74	90.86	59.44	71.14	15.31	-59.44	-10.40	75.54
103+04.90	TO	104+18.81	0.00	82.26	162.88	41.98	92.78	90.00	0.00	69.92	138.45	136.68	151.85	40.55	-136.68	-81.93	97.89
104+18.81	TO	104+98.11	0.00	49.76	105.98	40.62	64.82	49.50	0.00	42.30	90.09	146.95	128.74	73.26	-146.95	-86.44	16.83
104+98.11	TO	106+17.65	0.00	136.62	153.37	69.09	86.92	41.77	0.00	116.13	130.36	249.93	133.24	149.05	-249.93	-17.12	-18.69
106+17.65	TO	106+91.50	0.00	138.60	95.96	41.10	47.91	21.38	0.00	117.81	81.57	134.83	47.07	76.92	-134.83	70.74	4.65
106+91.50	TO	108+04.77	0.00	275.92	148.55	51.25	72.87	50.94	0.00	234.53	126.27	124.13	67.30	92.07	-124.13	167.23	34.19
108+04.77	TO	110+00.00	0.00	486.65	126.70	61.97	147.83	101.41	0.00	413.65	107.70	90.00	302.37	333.77	-90.00	111.28	-226.08
110+00.00	TO	111+00.00	0.00	203.95	0.32	26.59	94.26	44.31	0.00	173.36	0.28	55.21	303.63	478.85	-55.21	-130.27	-478.58
111+00.00	TO	111+70.17	0.00	123.03	0.00	17.77	76.43	47.05	0.00	104.58	0.00	39.88	350.29	604.98	-39.88	-245.71	-604.98
111+70.17	TO	112+00.00	0.00	48.82	0.00	3.48	38.89	24.27	0.00	41.49	0.00	6.67	235.27	321.96	-6.67	-193.78	-321.96
112+00.00	TO	112+94.31	0.00	78.27	38.97	0.00	67.37	49.03	0.00	66.53	33.13	0.00	964.01	807.78	0.00	-897.49	-774.66
112+94.31	TO	113+71.20	0.00	46.58	42.00	0.00	50.11	47.80	0.00	39.59	35.70	0.00	716.60	626.43	0.00	-677.01	-590.73
113+71.20	TO	114+00.00	0.00	29.29	52.26	0.00	42.21	28.78	0.00	24.89	44.42	0.00	188.12	197.60	0.00	-163.22	-153.18
114+00.00	TO	115+00.00	0.00	124.74	168.16	0.00	271.21	50.68	0.00	106.03	142.93	0.00	1321.65	163.23	0.00	-1215.62	-20.30
115+00.00	TO	116+00.00	0.00	135.51	0.00	0.00	390.30	0.00	0.00	115.18	0.00	0.00	1172.43	0.00	0.00	-1057.24	0.00
116+00.00	TO	117+00.00	0.00	950.44	0.00	0.00	395.81	0.00	0.00	807.87	0.00	0.00	149.82	0.00	0.00	658.05	0.00
117+00.00	TO	118+00.00	0.00	1634.29	0.00	0.00	392.66	0.00	0.00	1389.14	0.00	0.00	68.44	0.00	0.00	1320.71	0.00
118+00.00	TO	119+00.00	0.00	1461.80	0.00	0.00	382.86	0.00	0.00	1242.53	0.00	0.00	56.51	0.00	0.00	1186.02	0.00
119+00.00	TO	120+00.00	0.00	2400.75	0.00	0.00	349.93	0.00	0.00	2040.64	0.00	0.00	9.81	0.00	0.00	2030.83	0.00
120+00.00	TO	121+00.00	0.00	3304.09	0.00	0.00	345.38	0.00	0.00	2808.48	0.00	0.00	0.00	0.00	0.00	2808.48	0.00
121+00.00	TO	122+00.00	0.00	2109.60	0.00	0.00	331.45	0.00	0.00	1793.16	0.00	0.00	53.53	0.00	0.00	1739.63	0.00
122+00.00	TO	123+00.00	0.00	849.49	0.00	0.00	312.01	0.00	0.00	722.07	0.00	0.00	281.44	0.00	0.00	440.62	0.00
123+00.00	TO	124+00.00	0.00	375.49	0.00	0.00	316.83	0.00	0.00	319.17	0.00	0.00	983.36	0.00	0.00	-664.19	0.00
124+00.00	TO	124+32.45	0.00	4.74	0.00	0.00	100.93	0.00	0.00	4.03	0.00	0.00	521.55	0.00	0.00	-517.52	0.00
124+32.45	TO	125+00.00	0.00	29.98	0.00	0.00	224.00	0.00	0.00	25.49	0.00	0.00	1219.68	0.00	0.00	-1194.19	0.00
125+00.00	TO	125+69.81	0.00	79.89	0.00	0.00	235.32	0.00	0.00	67.91	0.00	0.00	1007.96	0.00	0.00	-940.05	0.00
125+69.81	TO	126+00.00	0.00	115.21	0.00	0.00	103.88	0.00	0.00	97.92	0.00	0.00	212.43	0.00	0.00	-114.51	0.00
126+00.00	TO	127+00.00	0.00	916.35	0.00	0.00	365.67	0.00	0.00	778.90	0.00	0.00	236.44	0.00	0.00	542.45	0.00
127+00.00	TO	128+00.00	0.00	1299.80	0.00	0.00	367.48	0.00	0.00	1104.83	0.00	0.00	43.11	0.00	0.00	1061.72	0.00
128+00.00	TO	129+00.00	0.00	900.68	0.00	0.00	360.44	0.00	0.00	765.57	0.00	0.00	178.29	0.00	0.00	587.29	0.00
129+00.00	TO	130+00.00	0.00	277.44	0.00	0.00	359.24	0.00	0.00	235.83	0.00	0.00	1753.37	0.00	0.00	-1517.54	0.00
130+00.00	TO	131+00.00	0.00	68.85	0.00	0.00	362.52	0.00	0.00	58.52	0.00	0.00	4674.63	0.00	0.00	-4616.11	0.00
131+00.00	TO	132+00.00	0.00	195.28	0.00	0.00	380.54	0.00	0.00	165.99	0.00	0.00	5724.06	0.00	0.00	-5558.08	0.00
132+00.00	TO	133+00.00	0.00	335.43	0.00	0.00	391.57	0.00	0.00	285.11	0.00	0.00	4548.31	0.00	0.00	-4263.19	0.00
133+00.00	TO	134+00.00	0.00	445.20	0.00	0.00	375.53	0.00	0.00	378.42	0.00	0.00	3188.48	0.00	0.00	-2810.06	0.00
134+00.00	TO	135+00.00	0.00	675.58	0.00	0.00	347.01	0.00	0.00	574.25	0.00	0.00	2196.68	0.00	0.00	-1622.43	0.00
135+00.00	TO	136+00.00	0.00	371.46	326.85	0.00	248.06	63.87	0.00	315.74	277.82	0.00	1557.46	0.00	0.00	-1241.72	277.82
136+00.00	TO	137+00.00	0.00	6.59	557.01	0.00	172.70	123.17	0.00	5.60	473.46	0.00	1112.38	2.61	0.00	-1106.78	470.85
137+00.00	TO	138+00.00	0.00	27.88	366.55	0.00	169.42	94.19	0.00	23.70	311.56	0.00	806.45	39.62	0.00	-782.76	271.94
138+00.00	TO	139+00.00	0.00	60.82	234.40	0.00	169.98	79.21	0.00	51.70	199.24	2.24	664.54	153.58	-2.24	-612.84	45.66
139+00.00	TO	139+83.87	0.00	71.90	143.18	0.00	164.04	81.69	0.00	61.12	121.71	4.58	1058.39	252.75	-4.58	-997.28	-131.04
139+83.87	TO	140+00.00	0.00	21.30	22.90	0.00	34.09	16.79	0.00	18.10	19.47	1.08	206.21	57.78	-1.08	-188.10	-38.32



USER NAME = Rdwy.Lisle
 PLOT CONFIG = PDF(Greg.Large).plt
 PLOT SCALE = 1:50
 PLOT DATE = 7/28/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -



MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

RAK

RAKOW ROAD EARTHWORK COMPOSITE PAVEMENT			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
140+00.00	TO	141+00.00	0.00	129.91	115.81	0.00	206.10	98.18	0.00	110.42	98.43	9.44	846.89	302.98	-9.44	-736.47	-204.55
141+00.00	TO	142+00.00	0.00	74.86	92.29	0.00	207.59	96.61	0.00	63.63	78.44	9.40	1048.56	246.57	-9.40	-984.92	-168.13
142+00.00	TO	143+00.00	0.00	68.97	102.02	3.18	207.92	95.62	0.00	58.63	86.72	12.18	1173.17	183.69	-12.18	-1114.54	-96.97
143+00.00	TO	143+50.00	0.00	38.59	59.56	3.31	103.94	42.99	0.00	32.80	50.62	8.87	623.08	58.65	-8.87	-590.28	-8.03
143+50.00	TO	144+00.00	0.00	39.00	65.37	3.06	104.40	42.51	0.00	33.15	55.56	8.45	611.44	42.98	-8.45	-578.29	12.59
144+00.00	TO	145+00.00	0.00	90.41	169.42	5.35	203.65	93.48	0.00	76.85	144.00	13.42	1088.23	44.15	-13.42	-1011.39	99.86
145+00.00	TO	146+00.00	0.00	124.64	230.18	5.91	191.85	84.63	0.00	105.94	195.65	8.54	911.59	8.85	-8.54	-805.65	186.80
146+00.00	TO	147+00.00	0.00	151.09	271.17	7.80	161.42	77.74	0.00	128.43	230.49	9.82	655.06	0.00	-9.82	-526.63	230.49
147+00.00	TO	148+00.00	0.00	135.25	249.57	10.55	135.43	73.94	0.00	114.96	212.14	15.42	415.94	0.00	-15.42	-300.97	212.14
148+00.00	TO	149+00.00	0.00	96.95	216.45	9.76	133.85	72.46	0.00	82.41	183.99	10.69	406.18	0.00	-10.69	-323.77	183.99
149+00.00	TO	149+19.00	0.00	14.66	40.69	1.42	25.43	14.29	0.00	12.46	34.58	1.12	81.40	0.00	-1.12	-68.94	34.58
149+19.00	TO	150+00.00	0.00	59.68	154.18	5.15	107.42	56.36	0.00	50.73	131.05	8.65	333.29	0.00	-8.65	-282.56	131.05
150+00.00	TO	151+00.00	0.00	98.04	199.02	6.74	130.29	74.37	0.00	83.33	169.17	13.18	413.90	0.00	-13.18	-330.57	169.17
151+00.00	TO	152+00.00	0.00	97.70	191.25	6.44	131.35	79.73	0.00	83.05	162.56	11.10	426.72	0.00	-11.10	-343.67	162.56
152+00.00	TO	153+00.00	0.00	69.01	137.69	6.67	132.38	76.10	0.00	58.66	117.03	11.36	416.36	5.38	-11.36	-357.70	111.65
153+00.00	TO	154+00.00	0.00	91.37	136.59	7.66	128.85	74.82	0.00	77.66	116.10	12.86	368.88	10.27	-12.86	-291.21	105.84
154+00.00	TO	155+00.00	0.00	192.31	191.94	11.06	121.97	76.70	0.00	163.46	163.14	20.78	273.18	5.72	-20.78	-109.72	157.42
155+00.00	TO	156+00.00	0.00	341.22	281.55	18.26	111.51	75.82	0.00	290.04	239.31	29.60	179.19	0.96	-29.60	110.84	238.35
156+00.00	TO	157+00.00	0.00	473.42	348.30	24.92	98.44	82.02	0.00	402.40	296.05	37.83	95.29	2.41	-37.83	307.12	293.64
157+00.00	TO	158+00.00	0.00	557.86	380.93	21.44	89.73	88.19	0.00	474.18	323.79	28.94	40.79	2.43	-28.94	433.39	321.36
158+00.00	TO	159+00.00	0.00	561.56	451.61	7.05	96.63	85.66	0.00	477.33	383.87	11.38	49.16	10.40	-11.38	428.17	373.47
159+00.00	TO	160+00.00	0.00	499.90	632.35	0.00	110.16	101.99	0.00	424.91	537.50	5.20	78.25	20.94	-5.20	346.66	516.56
160+00.00	TO	161+00.00	0.00	417.81	798.65	0.00	121.69	118.20	0.00	355.13	678.85	0.00	107.81	10.69	0.00	247.32	668.17
161+00.00	TO	162+00.00	0.00	318.89	877.03	0.00	136.70	114.88	0.00	271.06	745.47	0.00	211.10	0.00	0.00	59.95	745.47
162+00.00	TO	162+71.59	0.00	138.52	718.23	0.00	106.15	72.23	0.00	117.74	610.49	0.00	309.44	0.00	0.00	-191.70	610.49
162+71.59	TO	162+92.64	0.00	24.97	233.80	0.00	33.62	18.87	0.00	21.22	198.73	0.00	155.33	0.00	0.00	-134.10	198.73
162+92.64	TO	163+00.00	0.00	14.15	83.67	0.00	13.15	6.73	0.00	12.03	71.12	0.00	51.72	0.00	0.00	-39.69	71.12
163+00.00	TO	164+00.00	0.00	185.85	1132.82	0.00	205.12	93.90	0.00	157.97	962.90	0.00	671.56	0.00	0.00	-513.58	962.90
164+00.00	TO	164+70.25	0.00	50.98	718.72	0.00	154.46	62.28	0.00	43.34	610.91	0.00	619.09	0.00	0.00	-575.76	610.91
164+70.25	TO	165+00.00	0.00	11.97	265.63	0.00	72.62	16.37	0.00	10.18	225.79	0.00	274.80	0.00	0.00	-264.62	225.79
165+00.00	TO	166+00.00	0.00	17.44	910.97	0.00	243.93	57.05	0.00	14.83	774.33	0.00	677.30	0.00	0.00	-662.47	774.33
166+00.00	TO	167+88.00	0.00	154.46	2016.70	0.00	408.50	166.57	0.00	131.29	1714.20	0.00	714.87	0.00	0.00	-583.58	1714.20
167+88.00	TO	167+93.43	0.00	10.22	64.90	0.00	12.15	4.59	0.00	8.69	55.16	0.00	17.55	0.00	0.00	-8.86	55.16
167+93.43	TO	168+63.18	0.00	74.13	419.96	0.00	80.65	26.95	0.00	63.01	356.97	0.00	108.96	0.00	0.00	-45.95	356.97
168+63.18	TO	170+50.08	0.00	127.68	351.22	0.00	69.50	67.41	0.00	108.53	298.53	0.00	3.25	93.55	0.00	105.27	204.98
170+50.08	TO	170+91.71	0.00	48.55	222.12	0.00	28.80	33.22	0.00	41.26	188.80	0.00	1.67	41.66	0.00	39.60	147.14
170+91.71	TO	172+00.00	0.00	109.51	757.46	0.00	73.53	95.05	0.00	93.09	643.84	0.00	3.51	96.14	0.00	89.58	547.70
172+00.00	TO	172+44.07	0.00	90.80	312.62	0.00	33.87	32.60	0.00	77.18	265.73	0.00	0.43	28.46	0.00	76.75	237.27
172+44.07	TO	173+00.00	0.00	102.49	397.03	0.00	44.39	31.86	0.00	87.12	337.47	0.00	25.33	14.43	0.00	61.79	323.04
173+00.00	TO	173+20.52	0.00	13.02	145.75	0.00	16.99	11.03	0.00	11.06	123.89	0.00	35.00	0.00	0.00	-23.94	123.89
173+20.52	TO	173+36.07	0.00	21.99	110.23	0.00	14.74	9.23	0.00	18.69	93.69	0.00	21.99	3.69	0.00	-3.30	90.00
173+36.07	TO	173+83.49	0.00	72.82	335.59	0.00	48.21	29.51	0.00	61.90	285.25	0.00	58.85	11.25	0.00	3.05	274.00
173+83.49	TO	174+00.00	0.00	28.15	117.31	0.00	16.80	9.99	0.00	23.93	99.71	0.00	18.55	0.10	0.00	5.37	99.61
174+00.00	TO	174+23.44	0.00	42.25	166.85	0.00	23.25	14.70	0.00	35.91	141.82	0.00	10.81	0.23	0.00	25.10	141.59
174+23.44	TO	174+50.00	0.00	63.01	192.04	0.00	30.01	18.48	0.00	53.56	163.23	0.00	11.64	0.59	0.00	41.91	162.64
174+50.00	TO	174+90.00	0.00	154.91	285.44	0.00	52.11	28.86	0.00	131.67	242.63	0.00	1.38	1.44	0.00	130.29	241.19
174+90.00	TO	175+42.65	0.00	228.56	362.31	0.00	70.86	35.20	0.00	194.28	307.96	0.00	1.06	6.38	0.00	193.22	301.58
175+42.65	TO	176+00.00	0.00	265.03	349.10	0.00	78.94	37.60	0.00	225.28	296.74	0.00	1.10	18.77	0.00	224.17	277.97
176+00.00	TO	176+70.00	0.00	282.64	332.74	0.00	93.85	44.78	0.00	240.25	282.83	3.12	3.85	24.12	-3.12	236.40	258.71
176+70.00	TO	177+00.00	0.00	100.68	118.05	0.00	40.01	19.32	0.00	85.58	100.34	3.47	5.25	8.16	-3.47	80.33	92.18
177+00.00	TO	177+59.75	0.00	189.00	201.76	0.00	81.43	38.06	0.00	160.65	171.49	12.60	25.16	21.28	-12.60	135.49	150.21
177+59.75	TO	178+00.00	0.00	118.07	113.99	4.29	54.54	20.20	0.00	100.36	96.89	14.36	25.61	20.64	-14.36	74.75	76.24
178+00.00	TO	178+82.28	0.00	238.76	188.07	18.70	112.63	23.08	0.00	202.95	159.86	47.33	59.38	31.84	-47.33	143.57	128.02
178+82.28	TO	180+00.00	0.00	293.26	183.34	39.58	161.55	13.03	0.00	249.27	155.84	108.26	87.97	28.07	-108.26	161.30	127.77
180+00.00	TO	180+82.28	0.00	153.39	93.72	35.22	106.54	5.15	0.00	130.38	79.66	89.13	44.74	24.87	-89.13	85.64	54.79
180+82.28	TO	181+00.00	0.00	20.99	19.97	7.68	19.14	1.23	0.00	17.84	16.97	18.33	12.09	4.85	-18.33	5.75	12.12
181+00.00	TO	182+00.85	24.30	216.44	153.53	22.26	105.63	35.67	20.65	183.97	130.50	51.70	54.96	20.28	-31.05	129.01	110.21
182+00.85	TO	185+56.20	85.61	731.43	751.20	100.55	367.49	112.82	72.77	621.71	638.52	287.67	199.26	230.65	-214.90	422.46	407.87
185+56.20	TO	186+00.00	0.00	20.85	105.72	23.03	39.91	0.50	0.00	17.72	89.87	76.42	47.36	56.08	-76.42	-29.65	33.79
186+00.00	TO	186+48.10	0.00	19.79	113.14	23.19	44.36	1.08	0.00	16.82	96.17	87.39	56.72	66.52	-87.39	-39.89	29.65
186+48.10	TO	187+00.00	0.00	15.67	102.68	27.83	48.55	0.57	0.00	13.32	87.28	84.32	71.09	69.52	-84.32	-57.77	17.76

PATRICK ENGINEERING INC. LISLE, ILLINOIS USER NAME = Rdwj.Lisle DESIGNED - MJP REVISED - DRAWN - TCK REVISED - CHECKED - JAH REVISED - DATE - 8/2/2010 REVISED -

MCHENRY COUNTY DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 RAKOW ROAD EARTHWORK SCHEDULE COMPOSITE PAVEMENT

SCALE: 1"=50' SHEET NO. SHD 7 OF 17 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT NO. 63398

RAKOW ROAD EARTHWORK COMPOSITE PAVEMENT			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
187+00.00	TO	188+00.00	0.00	26.71	183.68	46.67	95.25	14.86	0.00	22.71	156.12	107.80	142.08	73.13	-107.80	-119.38	82.99
188+00.00	TO	188+47.94	0.00	16.42	84.21	14.47	43.33	13.46	0.00	13.96	71.57	28.69	53.41	5.57	-28.69	-39.46	66.01
188+47.94	TO	189+00.00	0.00	28.06	95.21	6.88	45.54	12.58	0.00	23.85	80.93	18.70	39.33	2.69	-18.70	-15.47	78.23
189+00.00	TO	190+00.00	0.00	74.49	223.21	19.16	95.61	30.09	0.00	63.32	198.73	18.87	73.18	0.90	-18.87	-9.86	188.83
190+00.00	TO	190+68.04	0.00	59.18	164.79	24.68	69.81	24.68	0.00	50.30	140.07	15.38	66.88	0.00	-15.38	-16.58	140.07
190+68.04	TO	191+00.00	0.00	29.84	78.62	9.92	33.61	9.92	0.00	25.36	66.82	8.13	37.20	0.00	-8.13	-11.84	66.82
191+00.00	TO	192+00.00	0.00	97.04	247.89	25.89	110.26	25.89	0.00	82.48	210.71	18.40	104.99	0.04	-18.40	-22.51	210.67
192+00.00	TO	193+00.00	0.00	93.10	233.31	24.53	112.40	24.53	0.00	79.14	198.31	12.10	84.07	0.94	-12.10	-4.94	197.37
193+00.00	TO	194+00.00	0.00	72.70	195.08	26.13	106.80	26.13	0.00	61.80	165.82	13.20	74.07	5.26	-13.20	-12.28	160.56
194+00.00	TO	195+00.00	0.00	48.38	163.29	28.32	100.95	28.32	0.00	41.12	138.79	14.22	100.23	9.67	-14.22	-59.11	129.13
195+00.00	TO	196+00.00	0.00	49.66	163.50	27.44	94.86	27.44	0.00	42.21	138.98	12.39	91.34	8.32	-12.39	-49.13	130.65
196+00.00	TO	197+00.00	0.00	108.01	184.62	24.28	95.78	24.28	0.00	91.81	156.93	10.96	26.59	4.75	-10.96	65.22	152.18
197+00.00	TO	198+00.00	0.00	138.18	190.61	23.23	96.43	11.59	0.00	117.45	162.02	8.92	0.20	3.56	-8.92	117.25	158.45
198+00.00	TO	199+00.00	0.00	106.19	189.84	23.12	95.94	11.48	0.00	90.26	161.37	10.05	32.16	4.22	-10.05	58.10	157.14
199+00.00	TO	200+00.00	0.00	77.53	198.18	22.14	97.29	22.14	0.00	65.90	168.45	12.28	58.25	4.24	-12.28	7.65	164.21
200+00.00	TO	201+00.00	0.00	94.37	200.25	21.40	98.94	21.40	0.00	80.21	170.21	11.18	40.46	3.81	-11.18	39.75	166.41
201+00.00	TO	202+00.00	0.00	126.73	200.72	21.04	104.61	21.04	0.00	107.72	170.61	10.11	29.34	3.74	-10.11	78.38	166.87
202+00.00	TO	203+00.00	0.00	123.89	192.06	20.25	104.22	20.25	0.00	105.31	163.26	8.55	31.25	3.80	-8.55	74.06	159.46
203+00.00	TO	204+00.00	0.00	101.10	170.21	19.99	101.44	19.99	0.00	85.94	144.68	6.81	35.19	4.88	-6.81	50.75	139.80
204+00.00	TO	205+00.00	0.00	74.19	130.35	21.07	99.47	21.07	0.00	63.06	110.80	5.90	39.56	9.08	-5.90	23.49	101.72
205+00.00	TO	206+00.00	0.00	79.98	89.10	11.04	99.80	21.79	0.00	67.98	75.74	2.97	40.78	14.99	-2.97	27.21	60.75
206+00.00	TO	207+00.00	0.00	160.61	90.31	0.00	104.87	20.67	0.00	136.52	76.77	0.00	28.44	13.70	0.00	108.08	63.06
207+00.00	TO	208+00.00	0.00	319.46	140.80	0.00	112.61	17.19	0.00	271.54	119.68	0.00	8.93	5.36	0.00	262.62	114.32
208+00.00	TO	209+00.00	0.00	448.81	195.92	0.00	118.49	21.30	0.00	381.48	166.53	0.00	0.81	0.43	0.00	380.68	166.10
209+00.00	TO	210+00.00	0.00	491.85	223.98	0.00	120.53	26.81	0.00	418.07	190.38	0.00	0.09	0.00	0.00	417.98	190.38
210+00.00	TO	211+00.00	0.00	449.10	230.48	0.00	121.97	26.72	0.00	381.74	195.91	0.00	7.21	0.00	0.00	374.52	195.91
211+00.00	TO	212+00.00	0.00	369.08	217.48	0.00	123.68	24.59	0.00	313.72	184.86	0.00	24.65	0.01	0.00	289.07	184.85
212+00.00	TO	213+00.00	0.00	297.02	188.68	0.00	122.13	24.79	0.00	252.47	160.37	2.20	39.52	6.06	-2.20	212.95	154.32
213+00.00	TO	214+00.00	0.00	227.74	136.20	0.00	119.38	34.37	0.00	193.58	115.77	4.31	57.34	20.10	-4.31	136.24	95.67
214+00.00	TO	215+00.00	0.00	169.56	86.70	0.00	118.34	54.58	0.00	144.13	73.70	4.65	86.81	48.19	-4.65	57.32	25.51
215+00.00	TO	216+00.00	0.00	95.23	94.86	0.00	115.95	66.37	0.00	80.95	80.63	5.62	132.94	64.69	-5.62	-52.00	15.94
216+00.00	TO	216+54.54	0.00	20.97	82.63	0.00	61.07	34.98	0.00	17.82	70.23	4.19	83.33	37.45	-4.19	-65.51	32.79
216+54.54	TO	217+00.00	0.00	12.59	80.70	0.00	49.88	28.84	0.00	10.70	68.59	6.71	71.46	33.97	-6.71	-60.76	34.62
217+00.00	TO	217+66.64	0.00	27.35	119.80	0.00	75.54	40.69	0.00	23.25	101.83	11.16	154.66	42.01	-11.16	-131.42	59.82
217+66.64	TO	218+00.00	0.00	17.99	60.82	0.00	38.89	19.66	0.00	15.29	51.70	4.41	103.28	16.82	-4.41	-87.99	34.88
218+00.00	TO	219+00.00	0.00	71.91	156.19	25.94	107.09	29.22	0.00	61.12	132.76	30.76	285.38	41.77	-30.76	-224.26	90.99
219+00.00	TO	219+66.76	0.00	62.11	88.08	36.43	69.63	0.00	0.00	52.79	74.87	29.97	165.97	25.37	-29.97	-113.17	49.49
219+66.76	TO	220+00.00	0.00	34.04	41.81	19.21	36.14	0.00	0.00	28.93	35.54	14.15	82.69	13.46	-14.15	-53.76	22.08
220+00.00	TO	221+00.00	0.00	124.60	141.91	57.82	105.49	0.00	0.00	105.91	120.62	33.14	216.59	38.18	-33.14	-110.68	82.45
221+00.00	TO	221+45.14	0.00	69.01	82.87	12.93	49.81	12.02	0.00	58.66	70.44	5.11	98.78	10.90	-5.11	-40.12	59.54
221+45.14	TO	223+34.98	0.00	270.59	449.43	24.50	186.80	90.31	0.00	230.00	382.01	20.09	260.59	15.73	-20.09	-30.59	366.28
223+34.98	TO	224+00.00	0.00	69.19	154.18	19.73	53.33	25.39	0.00	58.81	131.05	31.06	13.33	6.62	-31.06	45.48	124.43
224+00.00	TO	224+83.97	0.00	82.10	178.10	28.14	70.19	34.85	0.00	69.79	151.39	50.27	13.12	15.99	-50.27	56.67	135.39
224+83.97	TO	225+00.00	0.00	17.51	34.30	5.11	12.91	7.50	0.00	14.89	29.16	6.78	2.32	3.94	-6.78	12.57	25.21
225+00.00	TO	226+00.00	0.00	140.97	200.22	29.79	83.41	39.72	0.00	119.83	170.19	31.19	6.45	16.16	-31.19	113.37	154.03
226+00.00	TO	226+30.00	0.00	46.74	57.39	8.03	26.86	12.94	0.00	39.73	48.78	6.39	0.00	2.05	-6.39	39.73	46.73
226+30.00	TO	226+83.71	0.00	68.94	87.56	13.26	48.42	28.19	0.00	58.60	74.43	11.16	0.00	8.28	-11.16	58.60	66.15
226+83.71	TO	227+00.00	0.00	18.23	19.93	3.89	14.70	8.17	0.00	15.50	16.94	3.72	0.00	3.96	-3.72	15.50	12.97
227+00.00	TO	227+53.61	0.00	52.32	47.05	13.92	46.13	23.70	0.00	44.47	39.99	15.48	6.22	22.84	-15.48	38.25	17.15
227+53.61	TO	228+00.00	0.00	42.54	25.47	13.69	38.02	18.18	0.00	36.16	21.65	18.10	15.57	32.26	-18.10	20.59	-10.62
228+00.00	TO	229+00.00	0.00	100.51	56.96	31.92	84.85	39.80	0.00	85.43	48.42	50.25	56.50	81.92	-50.25	28.93	-33.50
229+00.00	TO	229+53.61	0.00	58.15	36.93	18.83	47.27	22.00	0.00	49.42	31.39	37.82	58.25	52.83	-37.82	-8.82	-21.44
229+53.61	TO	230+00.00	0.00	53.57	30.00	16.82	39.69	18.87	0.00	45.54	25.50	36.97	57.24	51.77	-36.97	-11.71	-26.27
230+00.00	TO	231+00.00	0.00	123.24	78.84	27.49	78.81	45.40	0.00	104.75	67.02	46.89	77.28	65.92	-46.89	27.48	1.10
231+00.00	TO	231+19.00	0.00	25.59	22.09	2.91	13.63	9.85	0.00	21.75	18.77	2.49	8.10	2.92	-2.49	13.65	15.85
231+19.00	TO	231+53.61	0.00	45.81	51.41	1.85	23.61	14.50	0.00	38.94	43.70	1.26	6.88	2.53	-1.26	32.06	41.17
231+53.61	TO	232+10.61	0.00	35.52	47.03	0.00	19.45	8.81	0.00	30.19	39.98	0.00	2.98	1.76	0.00	27.21	38.22
232+10.61	TO	232+67.61	0.00	46.12	76.76	0.00	14.94	8.82	0.00	39.20	65.25	0.00	0.00	0.00	0.00	39.20	65.25
232+67.61	TO	233+00.00	0.00	56.07	95.30	0.00	19.11	13.07	0.00	47.66	81.00	0.00	3.93	0.00	0.00	43.73	81.00
233+00.00	TO	234+00.00	0.00	284.65	337.30	0.00	72.16	50.27	0.00	241.95	286.70	1.77	12.13	0.00	-1.77	229.82	286.70
234+00.00	TO	234+69.94	0.00	225.65	221.30	0.00	59.38	34.36	0.00	191.81	188.10	2.81	0.00	0.93	-2.81	191.81	187.17



USER NAME = Rdwy.Lisle
 PLOT CONFID = POFI(Gray.Large).plt
 PLOT SCALE = 1:500
 PLOT DATE = 7/28/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -



MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 RAKOW ROAD EARTHWORK SCHEDULE COMPOSITE PAVEMENT**

SCALE: 1"=50' SHEET NO. SHD 8 OF 17 STA. TO STA.

F.A.P. R.T.E. 0336 SECTION

RAKOW ROAD EARTHWORK COMPOSITE PAVEMENT			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
234+69.94	TO	235+00.00	0.00	70.50	81.37	0.00	27.37	14.30	0.00	59.93	69.16	1.56	0.00	0.52	-1.56	59.93	68.64
235+00.00	TO	236+00.00	0.00	144.89	219.94	18.07	86.81	66.82	0.00	123.16	186.94	76.12	18.97	115.29	-76.12	104.18	71.66
236+00.00	TO	236+89.79	0.00	91.00	157.34	31.42	75.19	78.33	0.00	77.35	133.74	114.52	65.64	238.38	-114.52	11.72	-104.64
236+89.79	TO	237+00.00	0.00	11.79	17.82	3.49	8.38	8.01	0.00	10.02	15.14	11.59	11.53	28.57	-11.59	-1.51	-13.43
237+00.00	TO	238+00.00	0.00	110.12	165.95	34.88	79.02	74.91	0.00	93.60	141.06	122.16	167.40	338.05	-122.16	-73.80	-196.99
238+00.00	TO	239+00.00	0.00	146.08	148.36	28.44	71.35	83.34	0.00	124.17	126.11	86.88	129.71	297.62	-86.88	-5.54	-171.51
239+00.00	TO	239+18.00	0.00	32.31	24.74	3.81	11.42	15.30	0.00	27.46	21.03	8.31	7.39	30.75	-8.31	20.07	-9.71
239+18.00	TO	240+10.60	0.00	131.37	120.66	16.85	52.64	83.40	0.00	111.67	102.56	32.91	59.70	113.66	-32.91	51.96	-11.09
240+10.60	TO	240+77.75	0.00	67.14	97.88	9.79	17.09	64.71	0.00	57.07	83.20	14.66	29.87	35.88	-14.66	27.20	47.33
240+77.75	TO	241+44.89	0.00	68.04	117.51	7.83	13.12	65.45	0.00	57.84	99.89	9.22	34.63	12.84	-9.22	23.21	87.04
241+44.89	TO	242+00.00	0.00	78.13	102.14	5.12	31.05	52.89	0.00	66.41	86.82	6.10	80.50	6.28	-6.10	-14.09	80.54
242+00.00	TO	243+00.00	0.00	201.84	221.42	12.99	60.97	87.56	0.00	171.57	188.20	21.92	104.15	4.95	-21.92	67.42	183.25
243+00.00	TO	243+45.00	0.00	101.48	188.84	7.34	21.35	40.73	0.00	86.26	160.51	14.30	6.92	0.00	-14.30	79.34	160.51
243+45.00	TO	243+70.00	0.00	54.87	135.36	3.26	11.50	24.92	0.00	46.64	115.05	5.94	1.67	0.00	-5.94	44.97	115.05
243+70.00	TO	244+00.00	0.00	75.74	113.33	1.62	12.72	28.77	0.00	64.38	96.33	3.05	1.16	0.34	-3.05	63.21	95.99
244+00.00	TO	245+00.00	0.00	276.30	424.25	6.40	41.22	97.40	0.00	234.85	360.61	13.30	2.94	1.13	-13.30	231.92	359.48
245+00.00	TO	245+64.89	0.00	168.69	378.95	4.15	27.49	68.45	0.00	143.39	322.11	7.26	0.00	0.00	-7.26	143.39	322.11
245+64.89	TO	246+00.00	0.00	83.96	173.70	0.00	15.39	37.40	0.00	71.36	147.65	0.00	0.00	0.00	0.00	71.36	147.65
246+00.00	TO	246+20.00	0.00	46.02	78.01	0.00	9.20	21.34	0.00	39.11	66.31	0.54	0.00	0.00	-0.54	39.11	66.31
246+20.00	TO	246+72.11	0.00	136.27	180.42	0.00	27.80	55.68	0.00	115.83	153.35	4.22	0.00	0.00	-4.22	115.83	153.35
246+72.11	TO	247+00.00	0.00	79.01	100.60	0.00	17.08	31.31	0.00	67.16	85.51	1.50	0.00	0.00	-1.50	67.16	85.51
247+00.00	TO	247+37.62	0.00	105.82	150.76	0.00	23.02	44.59	0.00	89.95	128.15	0.73	0.00	0.00	-0.73	89.95	128.15

TOTALS = 109.91 41516.01 36545.79 2312.15 23181.93 8098.46 93.42 35288.61 31063.92 5394.44 69295.01 10066.43 -5301.02 -34006.40 20997.50

EARTH EXCAVATION = 78,172 CU YD
 FURNISHED EXCAVATION = 39,307 CU YD
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 33,593 CU YD

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ACKMAN ROAD EARTHWORK			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
7+00.00	TO	8+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8+00.00	TO	9+03.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9+03.18	TO	9+43.18	0.00	0.00	39.70	0.00	0.00	9.81	0.00	0.00	33.75	0.00	0.00	0.94	0.00	0.00	32.81
9+43.18	TO	10+00.00	0.00	0.00	116.11	0.00	0.00	29.28	0.00	0.00	98.69	0.00	0.00	2.89	0.00	0.00	95.80
10+00.00	TO	10+48.62	3.51	0.00	100.90	7.34	0.00	21.32	2.98	0.00	85.76	0.00	0.00	3.78	2.98	0.00	81.98
10+48.62	TO	11+00.00	16.71	0.00	113.49	18.43	0.00	26.43	14.20	0.00	96.46	0.00	0.00	5.72	14.20	0.00	90.75
11+00.00	TO	12+00.00	25.30	0.00	246.45	33.31	0.00	59.48	21.50	0.00	209.49	6.02	0.00	18.34	15.48	0.00	191.14
12+00.00	TO	13+00.00	4.31	0.00	244.42	21.93	0.00	51.72	3.67	0.00	207.75	6.02	0.00	26.48	-2.35	0.00	181.27
13+00.00	TO	14+00.00	48.79	0.00	214.55	15.41	0.00	61.02	41.47	0.00	182.36	0.00	0.00	44.63	41.47	0.00	137.73
14+00.00	TO	14+53.25	41.63	0.00	101.12	6.76	0.00	31.80	35.38	0.00	85.95	0.00	0.00	29.17	35.38	0.00	56.78
14+53.25	TO	15+15.45	20.96	0.00	117.56	4.15	0.00	15.87	17.82	0.00	99.92	0.00	0.00	15.18	17.82	0.00	84.75
15+15.45	TO	15+87.17	40.53	0.00	152.88	7.74	0.00	22.65	34.45	0.00	129.95	0.00	0.00	1.83	34.45	0.00	128.12
15+87.17	TO	16+00.00	14.89	0.00	30.13	3.41	0.00	7.36	12.66	0.00	25.61	0.00	0.00	0.41	12.66	0.00	25.20
16+00.00	TO	17+00.00	140.89	0.00	220.03	36.55	0.00	36.64	119.76	0.00	187.02	0.00	0.00	5.37	119.76	0.00	181.65
17+00.00	TO	17+28.25	46.43	0.00	52.11	12.08	0.00	6.52	39.46	0.00	44.29	0.00	0.00	2.69	39.46	0.00	41.60
17+28.25	TO	18+00.00	120.72	0.00	112.07	30.22	0.00	32.21	102.61	0.00	95.26	0.00	0.00	12.56	102.61	0.00	82.70
18+00.00	TO	18+21.03	32.87	0.00	26.93	8.59	0.00	13.36	27.94	0.00	22.89	0.00	0.00	5.99	27.94	0.00	16.90
18+21.03	TO	18+86.41	55.20	0.00	49.11	28.46	0.00	44.80	46.92	0.00	41.74	0.00	0.00	45.00	46.92	0.00	-3.26
18+86.41	TO	21+24.20	57.80	571.51	47.47	73.43	41.33	89.70	49.13	485.78	40.35	0.00	0.00	126.27	49.13	485.78	-85.92
21+24.20	TO	21+87.44	29.11	234.42	0.00	11.30	12.77	0.00	24.75	199.26	0.00	0.00	0.00	0.00	24.75	199.26	0.00
21+87.44	TO	22+00.00	4.40	16.37	0.00	1.22	0.35	0.00	3.74	13.92	0.00	0.00	0.00	0.00	3.74	13.92	0.00
TOTALS =			704.05	822.30	1985.01	320.32	54.45	559.97	598.45	698.96	1687.26	12.04	0.00	347.23	586.41	698.96	1340.03

EARTH EXCAVATION = 3511 CU YD
FURNISHED EXCAVATION = 2625 CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 935 CU YD

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MCHENRY AVENUE EARTHWORK			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
6+50.00	TO	6+81.33	0.00	0.00	4.55	0.00	0.00	7.38	0.00	0.00	3.86	0.00	0.00	2.72	0.00	0.00	1.15
6+81.33	TO	7+00.00	0.00	0.00	5.69	0.00	0.00	9.83	0.00	0.00	4.84	0.00	0.00	3.44	0.00	0.00	1.40
7+00.00	TO	8+00.00	0.00	0.00	65.86	0.00	0.00	73.56	0.00	0.00	55.98	0.00	0.00	34.69	0.00	0.00	21.29
8+00.00	TO	8+89.46	0.00	0.00	75.72	0.00	0.00	94.38	0.00	0.00	64.36	0.00	0.00	64.60	0.00	0.00	-0.24
8+89.46	TO	9+23.26	0.00	0.00	16.91	0.00	0.00	40.67	0.00	0.00	14.37	0.00	0.00	35.02	0.00	0.00	-20.64
9+23.26	TO	9+59.84	0.00	0.00	35.27	0.00	0.00	56.12	0.00	0.00	29.98	0.00	0.00	45.62	0.00	0.00	-15.64
9+59.84	TO	9+86.69	0.00	0.00	28.98	0.00	0.00	50.00	0.00	0.00	24.63	0.00	0.00	63.14	0.00	0.00	-38.51
9+86.69	TO	10+00.00	0.00	0.00	7.23	0.00	0.00	24.32	0.00	0.00	6.15	0.00	0.00	42.93	0.00	0.00	-36.78
10+00.00	TO	11+00.00	0.00	0.00	50.42	5.40	0.00	164.08	0.00	0.00	42.85	2.78	0.00	300.29	-2.78	0.00	-257.43
11+00.00	TO	12+00.00	0.00	0.00	42.27	14.44	0.00	143.04	0.00	0.00	35.93	5.56	0.00	268.45	-5.56	0.00	-232.53
12+00.00	TO	12+25.14	0.00	0.00	11.07	4.89	0.00	34.48	0.00	0.00	9.41	2.31	0.00	61.87	-2.31	0.00	-52.46
12+25.14	TO	12+56.20	0.00	0.00	13.81	3.24	0.00	43.83	0.00	0.00	11.74	3.08	0.00	74.31	-3.08	0.00	-62.57
12+56.20	TO	13+00.00	0.00	0.00	44.64	6.87	0.00	67.39	0.00	0.00	37.94	7.58	0.00	92.20	-7.58	0.00	-54.26
13+00.00	TO	14+00.00	0.00	0.00	197.12	33.71	0.00	137.69	0.00	0.00	167.55	30.42	0.00	168.36	-30.42	0.00	-0.81
14+00.00	TO	14+43.15	0.00	0.00	107.92	15.55	0.00	46.68	0.00	0.00	91.73	14.76	0.00	42.83	-14.76	0.00	48.90
14+43.15	TO	14+65.06	0.00	0.00	47.36	3.95	0.00	31.15	0.00	0.00	40.26	3.85	0.00	10.49	-3.85	0.00	29.77
14+65.06	TO	15+00.00	1.74	0.00	50.44	2.76	0.00	48.06	1.48	0.00	42.87	0.00	0.00	23.32	1.48	0.00	19.55
15+00.00	TO	16+00.00	4.99	0.00	64.99	18.94	0.00	82.57	4.24	0.00	55.24	7.04	0.00	128.12	-2.79	0.00	-72.88
16+00.00	TO	17+00.00	0.00	0.00	11.80	19.89	0.00	97.10	0.00	0.00	10.03	13.06	0.00	574.88	-13.06	0.00	-564.85
17+00.00	TO	18+00.00	0.00	0.00	11.25	17.36	0.00	120.96	0.00	0.00	9.56	11.76	0.00	1070.57	-11.76	0.00	-1061.01
18+00.00	TO	18+46.95	0.00	0.00	0.56	8.74	0.00	56.29	0.00	0.00	0.48	6.19	0.00	540.09	-6.19	0.00	-539.61
18+46.95	TO	21+13.02	0.00	532.04	0.00	26.85	102.36	158.63	0.00	452.24	0.00	19.83	0.00	1515.98	-19.83	452.24	-1515.98
21+13.02	TO	21+57.54	0.00	143.70	0.00	0.00	33.73	0.00	0.00	122.15	0.00	0.00	0.58	0.00	0.00	121.56	0.00
21+57.54	TO	22+00.00	2.56	78.84	0.00	0.00	24.04	0.00	2.17	67.01	0.00	0.00	1.00	0.00	2.17	66.01	0.00
TOTALS =			9.29	754.58	893.86	182.58	160.13	1588.22	7.90	641.39	759.78	128.21	1.58	5163.92	-120.32	639.81	-4404.14

EARTH EXCAVATION = 1658 CU YD
FURNISHED EXCAVATION = 3885 CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 1931 CU YD

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PYOTT ROAD EARTHWORK			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
43+98.32	TO	44+98.32	0.00	90.54	0.00	0.00	62.68	0.00	0.00	76.96	0.00	0.00	46.81	0.00	0.00	30.14	0.00
44+98.32	TO	45+38.37	0.00	45.30	0.00	0.00	26.92	0.00	0.00	38.51	0.00	0.00	22.60	0.00	0.00	15.91	0.00
45+38.37	TO	46+17.26	0.00	97.12	0.00	12.05	44.57	0.00	0.00	82.55	0.00	23.69	84.19	0.00	-23.69	-1.64	0.00
46+17.26	TO	46+92.65	0.00	98.79	0.00	25.62	44.07	0.00	0.00	83.97	0.00	56.90	119.82	0.00	-56.90	-35.85	0.00
46+92.65	TO	47+41.24	0.00	79.86	0.00	18.47	18.60	0.00	0.00	67.88	0.00	47.38	63.38	0.00	-47.38	4.51	0.00
47+41.24	TO	47+91.42	0.00	83.76	0.00	20.70	20.01	0.00	0.00	71.20	0.00	59.01	64.60	0.00	-59.01	6.60	0.00
47+91.42	TO	48+47.64	0.00	65.01	0.00	25.06	37.40	0.00	0.00	55.26	0.00	72.10	95.00	0.00	-72.10	-39.75	0.00
48+47.64	TO	49+00.55	0.00	154.30	0.00	24.02	38.17	0.00	0.00	131.16	0.00	71.67	97.33	0.00	-71.67	33.83	0.00
49+00.55	TO	51+04.12	0.00	486.42	1206.11	109.91	75.98	108.14	0.00	413.46	1025.20	416.24	192.90	26.95	-416.24	220.55	998.24
51+04.12	TO	51+79.93	0.00	0.00	645.14	48.35	0.00	47.14	0.00	0.00	548.37	158.38	0.00	38.80	-158.38	0.00	509.57
51+79.93	TO	52+00.00	0.00	0.00	99.02	13.17	0.00	3.66	0.00	0.00	84.16	30.64	0.00	16.92	-30.64	0.00	67.25
52+00.00	TO	52+19.59	0.00	0.00	89.40	13.35	0.00	10.45	0.00	0.00	75.99	39.62	0.00	29.09	-39.62	0.00	46.89
52+19.59	TO	52+98.37	0.00	0.00	328.51	54.24	0.00	42.90	0.00	0.00	279.24	205.26	0.00	155.13	-205.26	0.00	124.10
52+98.37	TO	53+45.58	0.00	0.00	200.37	23.25	0.00	6.93	0.00	0.00	170.31	77.42	0.00	63.64	-77.42	0.00	106.67
53+45.58	TO	53+88.84	0.00	0.00	188.65	22.24	0.00	7.31	0.00	0.00	160.35	42.72	0.00	37.97	-42.72	0.00	122.38
53+88.84	TO	54+00.00	0.00	0.00	45.91	6.97	0.00	3.85	0.00	0.00	39.03	14.66	0.00	10.56	-14.66	0.00	28.47
54+00.00	TO	55+00.00	0.00	0.00	427.26	48.34	0.00	53.14	0.00	0.00	363.17	130.57	0.00	97.95	-130.57	0.00	265.22
55+00.00	TO	55+89.30	0.00	0.00	326.83	36.27	0.00	58.10	0.00	0.00	277.81	103.86	0.00	120.16	-103.86	0.00	157.65
55+89.30	TO	56+00.00	0.00	0.00	29.92	4.56	0.00	6.59	0.00	0.00	25.43	8.52	0.00	18.00	-8.52	0.00	7.43
56+00.00	TO	56+33.42	0.00	0.00	83.96	8.87	0.00	17.15	0.00	0.00	71.36	12.27	0.00	60.57	-12.27	0.00	10.79
56+33.42	TO	56+73.47	0.00	0.00	87.32	11.09	0.00	20.71	0.00	0.00	74.22	11.11	0.00	70.05	-11.11	0.00	4.16
56+73.47	TO	57+00.00	0.00	0.00	52.41	11.39	0.00	16.01	0.00	0.00	44.55	11.00	0.00	39.66	-11.00	0.00	4.88
57+00.00	TO	58+00.00	0.00	0.00	210.79	43.09	0.00	49.12	0.00	0.00	179.17	59.95	0.00	112.57	-59.95	0.00	66.59
58+00.00	TO	58+46.61	3.96	0.00	117.07	24.16	0.00	13.85	3.36	0.00	99.51	34.92	0.00	36.05	-31.55	0.00	63.47
58+46.61	TO	59+00.00	4.53	0.00	146.22	30.73	0.00	14.61	3.85	0.00	124.29	36.55	0.00	43.97	-32.69	0.00	80.32
59+00.00	TO	59+25.00	0.00	0.00	66.10	14.98	0.00	10.09	0.00	0.00	56.19	17.60	0.00	21.75	-17.60	0.00	34.44
59+25.00	TO	60+00.00	0.00	0.00	165.87	41.64	0.00	27.59	0.00	0.00	140.99	72.46	0.00	68.28	-72.46	0.00	72.71
60+00.00	TO	60+57.67	0.00	0.00	110.75	31.48	0.00	15.92	0.00	0.00	94.14	68.34	0.00	53.62	-68.34	0.00	40.52
60+57.67	TO	61+00.00	0.00	0.00	86.02	17.59	0.00	20.12	0.00	0.00	73.11	30.61	0.00	25.48	-30.61	0.00	47.63
61+00.00	TO	61+35.94	0.00	0.00	68.25	8.71	0.00	20.44	0.00	0.00	58.01	9.21	0.00	10.43	-9.21	0.00	47.58
61+35.94	TO	62+00.00	0.00	0.00	105.90	6.92	0.00	33.44	0.00	0.00	90.02	13.64	0.00	14.41	-13.64	0.00	75.60

TOTALS = 8.49 1201.10 4887.77 757.24 368.41 607.25 7.22 1020.93 4154.61 1936.31 786.63 1172.05 -1929.10 234.30 2982.56

EARTH EXCAVATION = 6097 CU YD
 FURNISHED EXCAVATION = 1288 CU YD
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 1733 CU YD

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VIRGINIA ROAD EARTHWORK			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
40+00.00	TO	41+00.00	0.00	21.84	0.00	37.37	54.59	0.00	0.00	18.57	0.00	69.41	114.51	0.00	-69.41	-95.94	0.00
41+00.00	TO	42+00.00	0.00	67.33	0.00	37.85	75.21	0.00	0.00	57.23	0.00	64.37	118.24	0.00	-64.37	-61.01	0.00
42+00.00	TO	43+00.00	0.00	117.71	0.00	36.01	77.18	0.00	0.00	100.06	0.00	48.64	110.54	0.00	-48.64	-10.48	0.00
43+00.00	TO	44+00.00	0.00	137.38	0.00	31.69	72.03	0.00	0.00	116.77	0.00	35.85	127.10	0.00	-35.85	-10.33	0.00
44+00.00	TO	45+00.00	0.00	101.43	0.00	32.46	72.97	0.00	0.00	86.21	0.00	47.46	150.27	0.00	-47.46	-64.06	0.00
45+00.00	TO	46+00.00	0.00	94.55	0.00	38.15	68.15	0.00	0.00	80.36	0.00	73.18	152.59	0.00	-73.18	-72.23	0.00
46+00.00	TO	47+00.00	0.00	186.44	0.00	45.76	67.90	0.00	0.00	158.48	0.00	116.94	139.18	0.00	-116.94	19.30	0.00
47+00.00	TO	47+24.18	0.00	60.74	0.00	11.97	16.37	0.00	0.00	51.63	0.00	34.93	35.38	0.00	-34.93	16.26	0.00
47+24.18	TO	48+00.00	0.00	191.23	0.00	37.75	54.88	0.00	0.00	162.55	0.00	120.63	141.01	0.00	-120.63	21.54	0.00
48+00.00	TO	48+20.36	0.00	48.55	0.00	9.98	13.84	0.00	0.00	41.27	0.00	36.19	45.19	0.00	-36.19	-3.92	0.00
48+20.36	TO	51+80.28	216.25	417.71	237.11	161.66	108.74	41.22	183.81	355.05	201.55	323.29	414.17	52.49	-139.48	-59.12	149.06
51+80.28	TO	52+00.00	21.01	0.00	25.05	8.04	0.00	5.22	17.86	0.00	21.30	0.00	0.00	6.32	17.86	0.00	14.98
52+00.00	TO	53+00.00	46.48	0.00	95.81	35.66	0.00	36.90	39.51	0.00	81.44	0.00	0.00	45.39	39.51	0.00	36.05
53+00.00	TO	53+53.45	0.00	0.00	34.08	17.00	0.00	18.53	0.00	0.00	28.97	0.00	0.00	32.89	0.00	0.00	-3.92
53+53.45	TO	54+00.00	0.00	0.00	28.39	14.87	0.00	12.02	0.00	0.00	24.13	0.00	0.00	31.68	0.00	0.00	-7.55
54+00.00	TO	54+96.04	0.00	0.00	66.95	30.07	0.00	25.39	0.00	0.00	56.91	0.00	0.00	61.94	0.00	0.00	-5.03
54+96.04	TO	55+19.83	0.00	0.00	18.63	6.30	0.00	8.96	0.00	0.00	15.84	0.00	0.00	14.73	0.00	0.00	1.11
55+19.83	TO	55+41.96	0.00	0.00	18.35	4.91	0.00	9.17	0.00	0.00	15.60	0.00	0.00	12.35	0.00	0.00	3.25
55+41.96	TO	56+00.00	0.00	0.00	50.73	11.42	0.00	18.71	0.00	0.00	43.12	0.00	0.00	25.89	0.00	0.00	17.23
56+00.00	TO	57+00.00	6.58	0.00	101.70	18.29	0.00	23.59	5.60	0.00	86.45	0.00	0.00	29.17	5.60	0.00	57.28
57+00.00	TO	57+62.70	7.49	0.00	76.49	10.69	0.00	12.87	6.37	0.00	65.02	0.00	0.00	7.76	6.37	0.00	57.26
57+62.70	TO	58+00.00	2.00	0.00	68.90	2.91	0.00	17.64	1.70	0.00	58.57	0.00	0.00	9.32	1.70	0.00	49.25
58+00.00	TO	59+00.00	0.00	0.00	119.47	0.00	0.00	35.34	0.00	0.00	101.55	0.00	0.00	21.11	0.00	0.00	80.44
TOTALS =			299.83	1444.92	941.69	640.80	681.86	265.57	254.86	1228.18	800.43	970.90	1548.18	351.02	-716.05	-320.00	449.41

EARTH EXCAVATION = 2686 CU YD
FURNISHED EXCAVATION = 587 CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 1588 CU YD

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PINGREE ROAD EARTHWORK			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
18+65.38	TO	19+00.00	0.00	22.44	0.00	3.53	10.97	0.00	0.00	19.08	0.00	45.75	17.60	0.00	-45.75	1.48	0.00
19+00.00	TO	21+00.00	0.00	69.04	243.22	82.44	51.63	42.37	0.00	58.68	206.74	276.28	90.61	158.98	-276.28	-31.93	47.76
21+00.00	TO	21+48.48	0.00	0.00	81.18	43.02	0.00	12.13	0.00	0.00	69.00	95.91	0.00	104.75	-95.91	0.00	-35.74
21+48.48	TO	22+00.00	0.00	0.00	36.05	49.39	0.00	5.46	0.00	0.00	30.65	124.10	0.00	118.04	-124.10	0.00	-87.39
22+00.00	TO	22+90.28	0.00	0.00	37.75	79.25	0.00	13.54	0.00	0.00	32.09	170.60	0.00	170.41	-170.60	0.00	-138.32
22+90.28	TO	23+65.33	0.00	0.00	24.86	49.44	0.00	25.16	0.00	0.00	21.13	96.61	0.00	129.62	-96.61	0.00	-108.49
23+65.33	TO	24+61.41	0.00	0.00	45.99	39.09	0.00	49.90	0.00	0.00	39.09	57.41	0.00	108.77	-57.41	0.00	-69.67
24+61.41	TO	24+90.28	0.00	0.00	24.04	10.34	0.00	14.16	0.00	0.00	20.43	9.66	0.00	16.10	-9.66	0.00	4.33
24+90.28	TO	26+00.00	0.00	0.00	130.30	37.35	0.00	61.84	0.00	0.00	110.76	20.01	0.00	26.06	-20.01	0.00	84.70
26+00.00	TO	27+00.00	0.00	0.00	103.81	28.17	0.00	63.76	0.00	0.00	88.23	4.45	0.00	15.07	-4.45	0.00	73.16
27+00.00	TO	27+17.46	0.00	0.00	12.36	4.09	0.00	11.04	0.00	0.00	10.51	0.00	0.00	4.44	0.00	0.00	6.06
27+17.46	TO	28+00.00	0.00	0.00	51.50	19.44	0.00	49.37	0.00	0.00	43.77	5.44	0.00	23.84	-5.44	0.00	19.93
28+00.00	TO	29+00.00	0.00	0.00	57.76	18.42	0.00	50.94	0.00	0.00	49.10	6.59	0.00	18.49	-6.59	0.00	30.60
29+00.00	TO	29+70.31	0.00	0.00	31.91	8.01	0.00	26.49	0.00	0.00	27.12	0.00	0.00	5.47	0.00	0.00	21.65
29+70.31	TO	30+00.00	0.00	0.00	4.49	1.53	0.00	3.88	0.00	0.00	3.81	0.00	0.00	0.92	0.00	0.00	2.89
TOTALS =			0.00	91.48	885.22	473.50	62.60	430.04	0.00	77.76	752.44	912.80	108.21	900.96	-912.80	-30.45	-148.52

EARTH EXCAVATION = 977 CU YD
 FURNISHED EXCAVATION = 1092 CU YD
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 966 CU YD

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IL RTE 31 EARTHWORK			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2	PRESTAGE	STAGE 1	STAGE 2
51+34.64	TO	52+00.00	0.00	0.00	126.43	0.00	0.00	28.90	0.00	0.00	107.46	0.00	0.00	5.49	0.00	0.00	101.98
52+00.00	TO	52+18.16	0.00	0.00	21.70	0.00	0.00	4.36	0.00	0.00	18.45	0.00	0.00	2.41	0.00	0.00	16.04
52+18.16	TO	52+40.59	0.00	0.00	26.27	0.00	0.00	4.22	0.00	0.00	22.33	0.00	0.00	1.86	0.00	0.00	20.47
52+40.59	TO	52+79.93	0.00	0.00	23.13	0.00	0.00	3.45	0.00	0.00	19.66	0.00	0.00	1.36	0.00	0.00	18.30
52+79.93	TO	53+19.22	0.00	0.00	23.21	0.00	0.00	3.94	0.00	0.00	19.73	0.00	0.00	1.19	0.00	0.00	18.54
53+19.22	TO	54+00.00	0.00	0.00	91.57	0.00	0.00	17.92	0.00	0.00	77.84	0.00	0.00	4.33	0.00	0.00	73.51
54+00.00	TO	54+86.37	0.00	0.00	86.02	0.00	0.00	28.38	0.00	0.00	73.12	0.00	0.00	14.36	0.00	0.00	58.75
54+86.37	TO	55+00.00	0.00	0.00	12.05	0.00	0.00	5.57	0.00	0.00	10.24	0.00	0.00	3.56	0.00	0.00	6.68
55+00.00	TO	56+00.00	0.00	0.00	77.37	0.00	0.00	34.38	0.00	0.00	65.76	0.00	0.00	14.89	0.00	0.00	50.88
56+00.00	TO	56+13.81	0.00	0.00	9.30	0.00	0.00	3.75	0.00	0.00	7.90	0.00	0.00	0.79	0.00	0.00	7.11
56+13.81	TO	56+60.66	0.00	0.00	15.46	0.00	0.00	6.08	0.00	0.00	13.15	0.00	0.00	1.26	0.00	0.00	11.88
56+60.66	TO	57+00.00	0.00	0.00	12.90	0.00	0.00	7.01	0.00	0.00	10.97	0.00	0.00	0.00	0.00	0.00	10.97
57+00.00	TO	57+51.37	0.00	0.00	32.98	0.00	0.00	17.01	0.00	0.00	28.03	0.00	0.00	0.00	0.00	0.00	28.03
TOTALS =			0.00	0.00	558.40	0.00	0.00	164.98	0.00	0.00	474.64	0.00	0.00	51.51	0.00	0.00	423.13

EARTH EXCAVATION = 558 CU YD
FURNISHED EXCAVATION = 423 CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 165 CU YD

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BIKE PATH EARTHWORK			EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
STATION	TO	STATION	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD
12+00.00	TO	13+00.00	0.00	0.00	185.73	0.00	0.00	106.35	0.00	0.00	157.87	0.00	0.00	102.56	0.00	0.00	55.32
13+00.00	TO	14+00.00	0.00	0.00	42.55	0.00	0.00	95.89	0.00	0.00	36.17	0.00	0.00	183.25	0.00	0.00	-147.08
14+00.00	TO	15+00.00	0.00	0.00	171.98	0.00	0.00	110.93	0.00	0.00	146.18	0.00	0.00	104.92	0.00	0.00	41.26
15+00.00	TO	16+00.00	0.00	0.00	296.13	0.00	0.00	133.63	0.00	0.00	251.71	0.00	0.00	86.69	0.00	0.00	165.02
16+00.00	TO	17+00.00	0.00	0.00	153.11	0.00	0.00	141.78	0.00	0.00	130.14	0.00	0.00	615.55	0.00	0.00	-485.40
17+00.00	TO	17+50.00	0.00	0.00	0.00	0.00	0.00	78.70	0.00	0.00	0.00	0.00	0.00	766.53	0.00	0.00	-766.53
17+50.00	TO	18+00.00	0.00	0.00	0.00	0.00	0.00	93.66	0.00	0.00	0.00	0.00	0.00	1184.01	0.00	0.00	-1184.01
18+00.00	TO	18+25.00	0.00	0.00	0.00	0.00	0.00	49.89	0.00	0.00	0.00	0.00	0.00	756.56	0.00	0.00	-756.56
18+25.00	TO	18+50.00	0.00	0.00	0.00	0.00	0.00	49.35	0.00	0.00	0.00	0.00	0.00	859.25	0.00	0.00	-859.25
18+50.00	TO	18+80.00	0.00	0.00	0.00	0.00	0.00	58.10	0.00	0.00	0.00	0.00	0.00	1149.61	0.00	0.00	-1149.61
PEDESTRIAN BRIDGE																	
21+70.00	TO	22+00.00	0.00	0.00	0.00	0.00	0.00	53.96	0.00	0.00	0.00	0.00	0.00	975.78	0.00	0.00	-975.78
22+00.00	TO	22+25.00	0.00	0.00	0.00	0.00	0.00	44.36	0.00	0.00	0.00	0.00	0.00	702.92	0.00	0.00	-702.92
22+25.00	TO	22+50.00	0.00	0.00	0.00	0.00	0.00	42.90	0.00	0.00	0.00	0.00	0.00	600.95	0.00	0.00	-600.95
22+50.00	TO	23+00.00	0.00	0.00	0.00	0.00	0.00	77.28	0.00	0.00	0.00	0.00	0.00	904.38	0.00	0.00	-904.38
23+00.00	TO	23+50.00	0.00	0.00	0.00	0.00	0.00	63.83	0.00	0.00	0.00	0.00	0.00	557.24	0.00	0.00	-557.24
23+50.00	TO	24+00.00	0.00	0.00	0.00	0.00	0.00	51.35	0.00	0.00	0.00	0.00	0.00	298.59	0.00	0.00	-298.59
24+00.00	TO	26+00.00	0.00	0.00	174.06	0.00	0.00	183.85	0.00	0.00	147.95	0.00	0.00	384.85	0.00	0.00	-236.90
26+00.00	TO	27+00.00	0.00	0.00	164.26	0.00	0.00	89.94	0.00	0.00	139.62	0.00	0.00	0.00	0.00	0.00	139.62
27+00.00	TO	28+00.00	0.00	0.00	166.33	0.00	0.00	88.93	0.00	0.00	141.38	0.00	0.00	0.00	0.00	0.00	141.38
28+00.00	TO	29+00.00	0.00	0.00	135.60	0.00	0.00	77.20	0.00	0.00	115.26	0.00	0.00	0.00	0.00	0.00	115.26
TOTALS =			0.00	0.00	1489.75	0.00	0.00	1691.88	0.00	0.00	1266.28	0.00	0.00	10233.62	0.00	0.00	-8967.33

EARTH EXCAVATION = 1490 CU YD
FURNISHED EXCAVATION = 8967 CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 1692 CU YD

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FULL-DEPTH HMA OPTION RAKOW ROAD															
STREET	EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD
RAKOW ROAD (FULL-DEPTH HMA)	109.91	50,580.78	44,419.88	2,312.15	23,246.45	8,087.64	93.42	42,993.66	37,756.90	5,394.44	67,184.87	9,139.68	-5,301.02	-24,191.21	28,617.22
ACKMAN ROAD	704.05	822.30	1,985.01	320.32	54.45	559.97	598.45	698.96	1,687.26	12.04	0.00	347.23	586.41	698.96	1,340.03
McHENRY AVENUE	9.29	754.58	893.86	182.58	160.13	1,588.22	7.90	641.39	759.78	128.21	1.58	5,163.92	-120.32	639.81	-4,404.14
PYOTT ROAD	8.49	1,201.10	4,887.77	757.24	368.41	607.25	7.22	1,020.93	4,154.61	1,936.31	786.63	1,172.05	-1,929.10	234.30	2,982.56
VIRGINIA ROAD	299.83	1,444.92	941.69	640.80	681.86	265.57	254.86	1,228.18	800.43	970.90	1,548.18	351.02	-716.05	-320.00	449.41
PINGREE ROAD	0.00	91.48	885.22	473.50	62.60	430.04	0.00	77.76	752.44	912.80	108.21	900.96	-912.80	-30.45	-148.52
ILLINOIS ROUTE 31	0.00	0.00	558.40	0.00	0.00	164.98	0.00	0.00	474.64	0.00	0.00	51.51	0.00	0.00	423.13
BIKE PATH	0.00	0.00	1,489.75	0.00	0.00	1,691.88	0.00	0.00	1,266.28	0.00	0.00	10,233.62	0.00	0.00	-8,967.33
EXCAVATION (EXIST. CURVE)	0.00	0.00	3,952.00	0.00	0.00	458.00	0.00	0.00	3,563.20	0.00	0.00	0.00	0.00	0.00	3,563.20
DETENTION PONDS	0.00	29,523.00	0.00	0.00	3,145.00	0.00	0.00	25,089.45	0.00	0.00	0.00	0.00	0.00	25,089.45	0.00
TOTALS=	1,131.57	84,418.16	60,013.57	4,686.61	27,718.90	13,853.55	961.84	71,750.33	51,215.54	9,354.71	69,629.46	27,359.99	-8,392.87	2,120.87	23,855.55

EARTH EXCAVATION= 145,563

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL= 46,259

FURNISHED EXCAVATION= 8,393

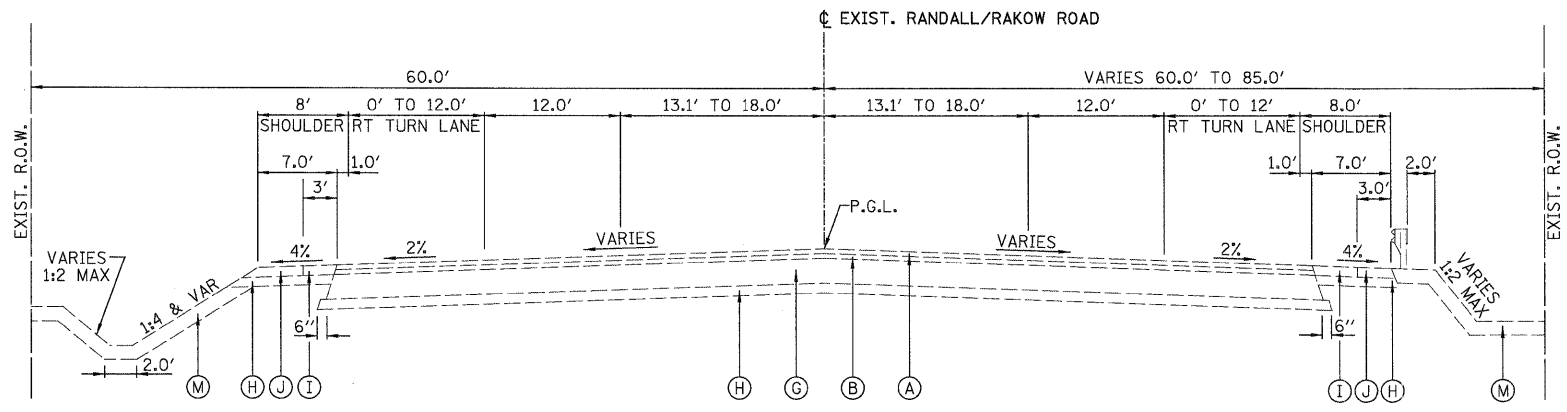
COMPOSITE PAVEMENT OPTION RAKOW ROAD															
STREET	EARTH EXCAVATION (CUT) (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" OF TOPSOIL REMOVAL) (CU YD)			EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)			EMBANKMENT (FILL) (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD	PRESTAGE CU YD	STAGE 1 CU YD	STAGE 2 CU YD
RAKOW ROAD (COMPOSITE)	109.91	41,516.01	36,545.79	2,312.15	23,246.45	8,087.64	93.42	35,288.61	31,063.92	5,394.44	69,295.01	10,066.43	-5,301.02	-34,006.40	20,997.50
ACKMAN ROAD	704.05	822.30	1,985.01	320.32	54.45	559.97	598.45	698.96	1,687.26	12.04	0.00	347.23	586.41	698.96	1,340.03
McHENRY AVENUE	9.29	754.58	893.86	182.58	160.13	1,588.22	7.90	641.39	759.78	128.21	1.58	5,163.92	-120.32	639.81	-4,404.14
PYOTT ROAD	8.49	1,201.10	4,887.77	757.24	368.41	607.25	7.22	1,020.93	4,154.61	1,936.31	786.63	1,172.05	-1,929.10	234.30	2,982.56
VIRGINIA ROAD	299.83	1,444.92	941.69	640.80	681.86	265.57	254.86	1,228.18	800.43	970.90	1,548.18	351.02	-716.05	-320.00	449.41
PINGREE ROAD	0.00	91.48	885.22	473.50	62.60	430.04	0.00	77.76	752.44	912.80	108.21	900.96	-912.80	-30.45	-148.52
ILLINOIS ROUTE 31	0.00	0.00	558.40	0.00	0.00	164.98	0.00	0.00	474.64	0.00	0.00	51.51	0.00	0.00	423.13
BIKE PATH	0.00	0.00	1,489.75	0.00	0.00	1,691.88	0.00	0.00	1,266.28	0.00	0.00	10,233.62	0.00	0.00	-8,967.33
EXCAVATION (EXIST. CURVE)	0.00	0.00	3,952.00	0.00	0.00	458.00	0.00	0.00	3,563.20	0.00	0.00	0.00	0.00	0.00	3,563.20
DETENTION PONDS	0.00	29,523.00	0.00	0.00	3,145.00	0.00	0.00	25,089.45	0.00	0.00	0.00	0.00	0.00	25,089.45	0.00
TOTALS=	1,131.57	75,353.39	52,139.48	4,686.61	27,718.90	13,853.55	961.84	64,045.28	44,522.56	9,354.71	71,739.61	28,286.73	-8,392.87	-7,694.32	16,235.83

EARTH EXCAVATION= 128,624

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL= 46,259

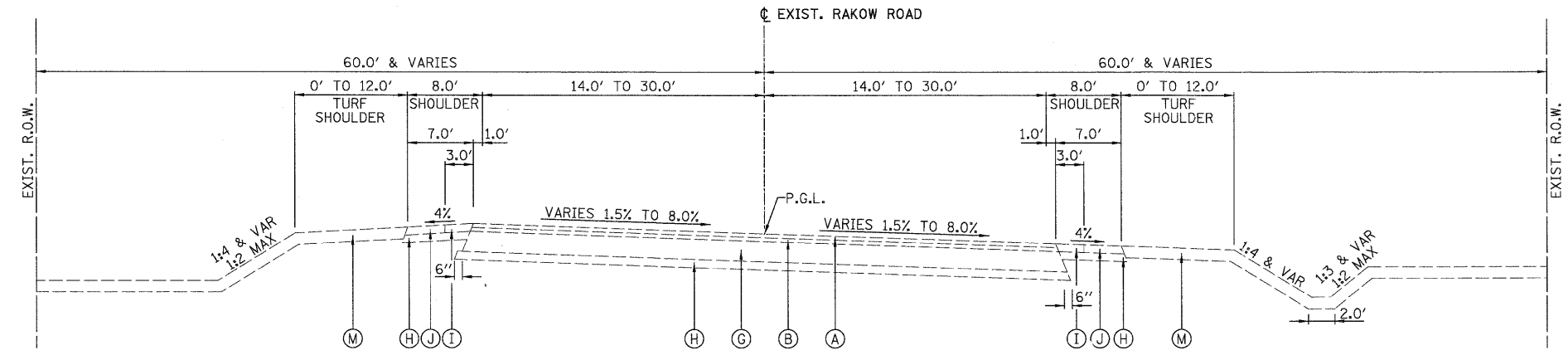
FURNISHED EXCAVATION= 16,087

G:\MCDOT\22950_001\Drawings\RDWAY\shhs\rd\5.Earth_Sched_01.dgn

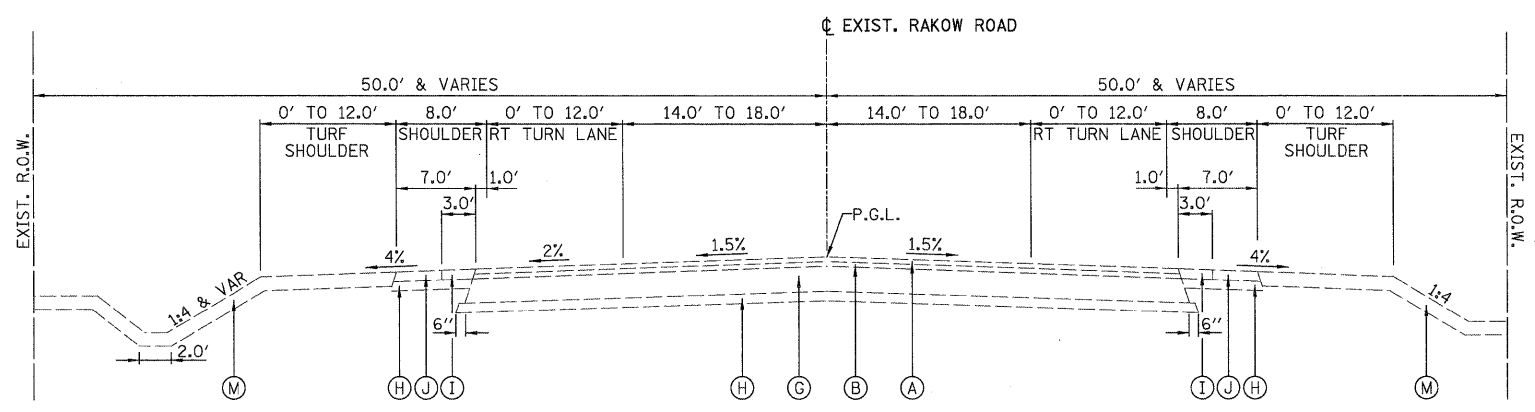


E-1 RANDALL/RAKOW ROAD
STA. 86+42.45 TO STA. 111+14.00

- LEGEND:**
- (A) - HOT-MIX ASPHALT SURFACE, 2"
 - (B) - HOT-MIX ASPHALT BINDER COURSE, 2"
 - (C) - HOT-MIX ASPHALT BASE COURSE, 7"
 - (D) - HOT-MIX ASPHALT BASE COURSE, 8"
 - (E) - HOT-MIX ASPHALT BASE COURSE, 8 1/2 "
 - (F) - HOT-MIX ASPHALT BASE COURSE, 9"
 - (G) - HOT-MIX ASPHALT BASE COURSE, 10 1/2 "
 - (H) - SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - (I) - HOT-MIX ASPHALT SHOULDERS, 4"
 - (J) - AGGREGATE SHOULDERS, TYPE A 4"
 - (K) - AGGREGATE SHOULDERS, TYPE A 6"
 - (L) - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (M) - TOPSOIL 6"



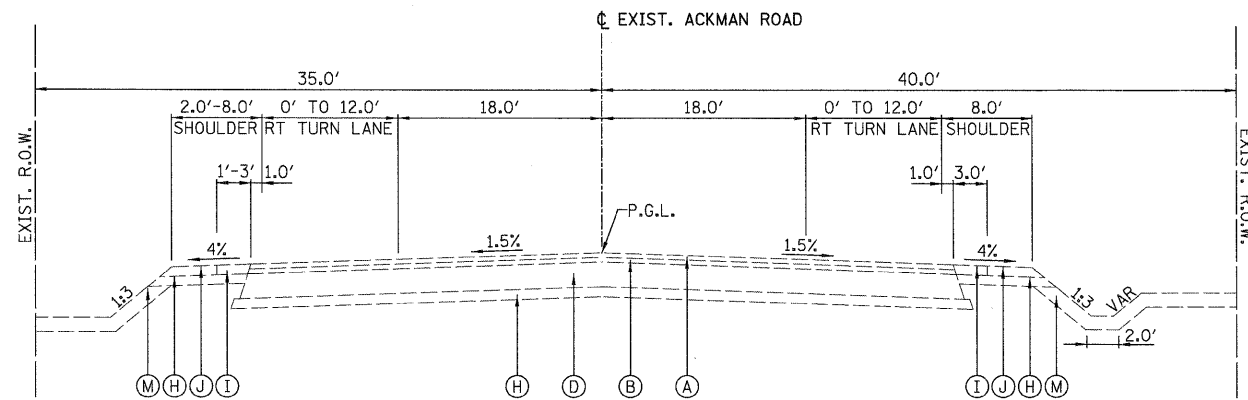
E-2 RAKOW ROAD
STA. 111+14.00 TO STA. 133+83.00



E-3 RAKOW ROAD
STA. 133+83.00 TO STA. 248+17.62

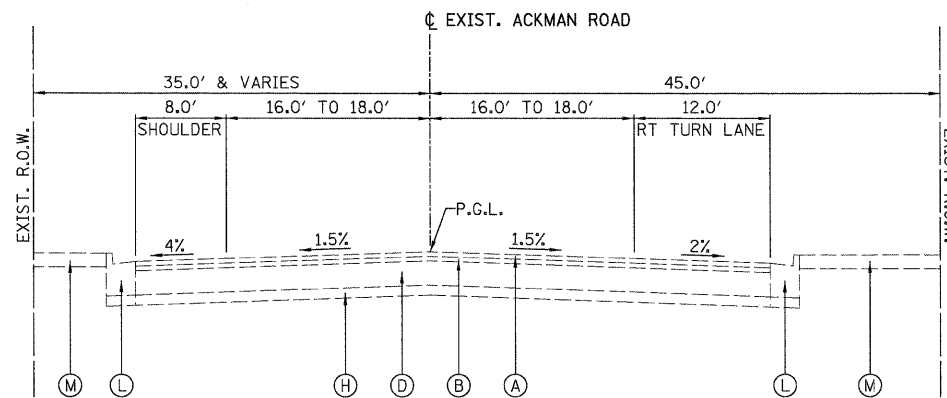
- NOTES**
1. EXISTING DIMENSIONS AND THICKNESSES SHOWN ARE FROM RECORD PLANS AND FIELD SURVEY. ACTUAL DIMENSIONS AND THICKNESSES MAY VARY.
 2. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR BECAUSE OF VARIATION FROM THE THICKNESS SHOWN ON THE PLANS. THIS REQUIREMENT SHALL NOT BE A CAUSE FOR CLAIMING DELAY.

	USER NAME = Rdwy_Lisle	DESIGNED - MJP	REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 RAKOW ROAD EXISTING TYPICAL SECTIONS	F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 31
	PLOT CONFIG= PDF(Grey, Large).plt	DRAWN - TCK	REVISED -			SCALE: NA	SHEET NO. TYP 1 OF 13	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT
PLOT SCALE = 1:8.33333	CHECKED - JAH	REVISED -								
PLOT DATE = 7/28/2010	DATE - 8/2/2010	REVISED -								

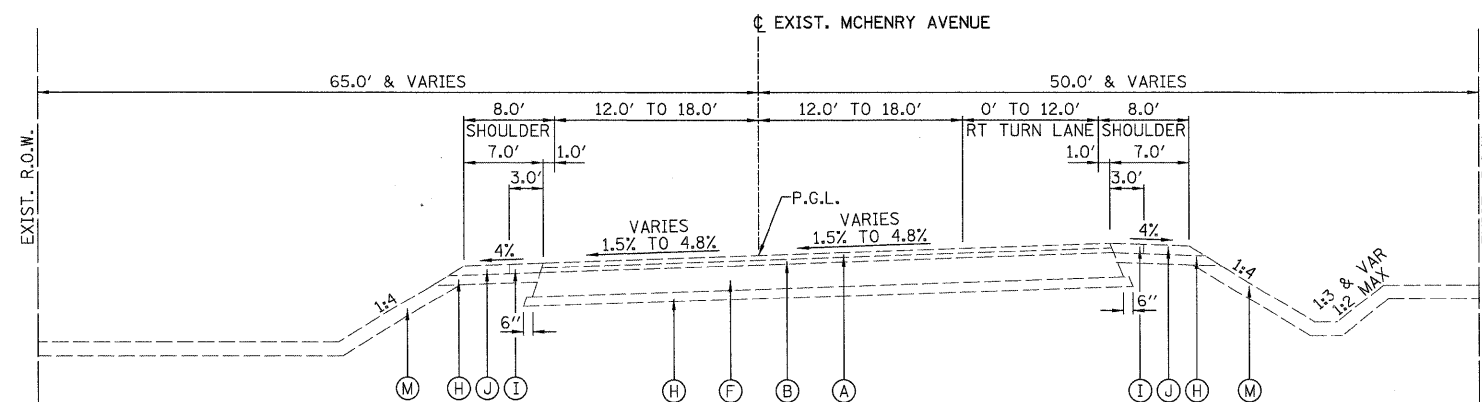


E-4 ACKMAN ROAD
STA. 9+03.18 TO STA. 13+87.89

- LEGEND:**
- (A) - HOT-MIX ASPHALT SURFACE, 2"
 - (B) - HOT-MIX ASPHALT BINDER COURSE, 2"
 - (C) - HOT-MIX ASPHALT BASE COURSE, 7"
 - (D) - HOT-MIX ASPHALT BASE COURSE, 8"
 - (E) - HOT-MIX ASPHALT BASE COURSE, 8 1/2 "
 - (F) - HOT-MIX ASPHALT BASE COURSE, 9"
 - (G) - HOT-MIX ASPHALT BASE COURSE, 10 1/2 "
 - (H) - SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - (I) - HOT-MIX ASPHALT SHOULDERS, 4"
 - (J) - AGGREGATE SHOULDERS, TYPE A 4"
 - (K) - AGGREGATE SHOULDERS, TYPE A 6"
 - (L) - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (M) - TOPSOIL 6"



E-5 ACKMAN ROAD
STA. 13+87.89 TO STA. 19+37.19



E-6 MCHENRY AVENUE
STA. 6+81.41 TO STA. 19+70.00

NOTES

1. EXISTING DIMENSIONS AND THICKNESSES SHOWN ARE FROM RECORD PLANS AND FIELD SURVEY. ACTUAL DIMENSIONS AND THICKNESSES MAY VARY.
2. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR BECAUSE OF VARIATION FROM THE THICKNESS SHOWN ON THE PLANS. THIS REQUIREMENT SHALL NOT BE A CAUSE FOR CLAIMING DELAY.



USER NAME = Rdky_L191e
 PLOT CONFIG = PDF(Grey, Large).plt
 PLOT SCALE = 1:8.33333
 PLOT DATE = 7/28/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -

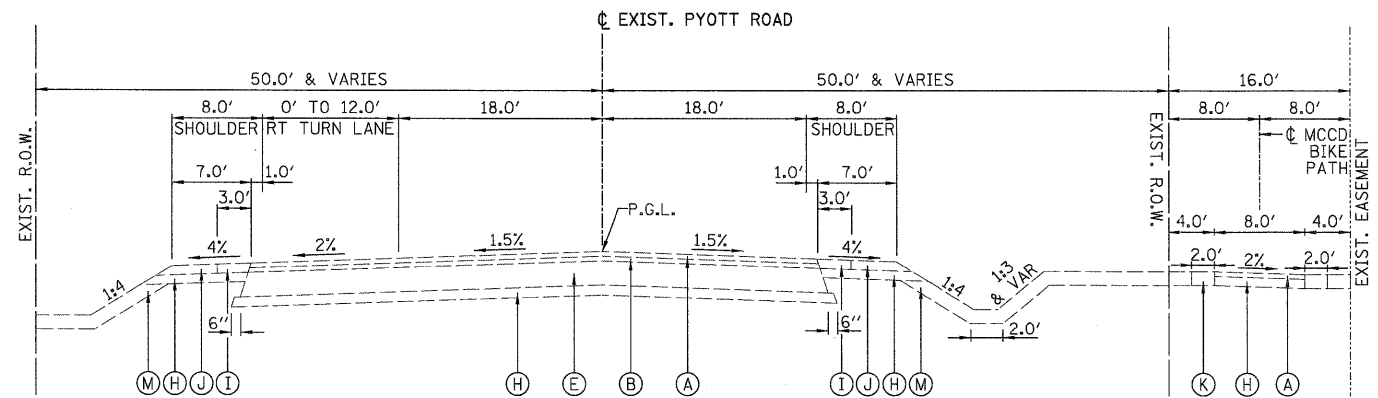


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 RAKOW ROAD EXISTING TYPICAL SECTIONS**

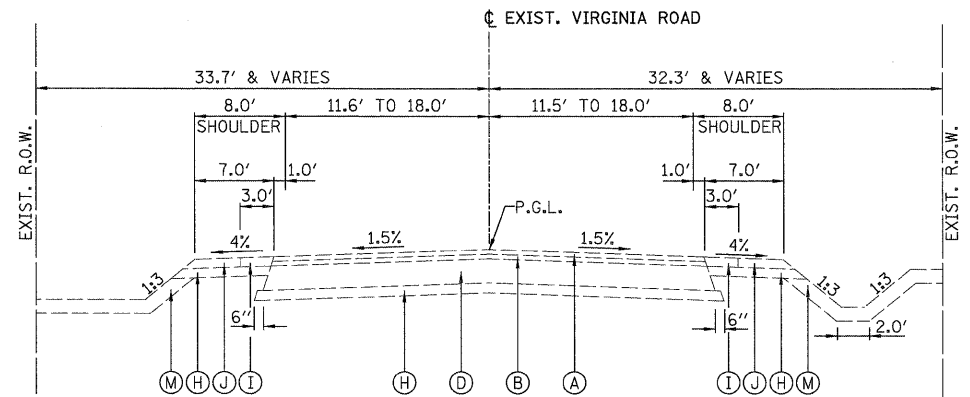
SCALE: NA SHEET NO. TYP 2 OF 13 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	

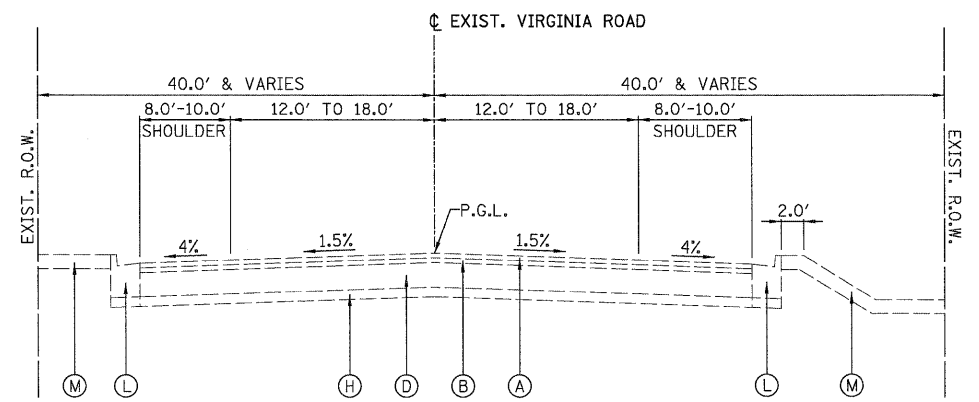


- LEGEND:**
- (A) - HOT-MIX ASPHALT SURFACE, 2"
 - (B) - HOT-MIX ASPHALT BINDER COURSE, 2"
 - (C) - HOT-MIX ASPHALT BASE COURSE, 7"
 - (D) - HOT-MIX ASPHALT BASE COURSE, 8"
 - (E) - HOT-MIX ASPHALT BASE COURSE, 8 1/2 "
 - (F) - HOT-MIX ASPHALT BASE COURSE, 9"
 - (G) - HOT-MIX ASPHALT BASE COURSE, 10 1/2 "
 - (H) - SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - (I) - HOT-MIX ASPHALT SHOULDERS, 4"
 - (J) - AGGREGATE SHOULDERS, TYPE A 4"
 - (K) - AGGREGATE SHOULDERS, TYPE A 6"
 - (L) - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (M) - TOPSOIL 6"

E-7 PYOTT ROAD
STA. 42+89.58 TO STA. 57+22.78



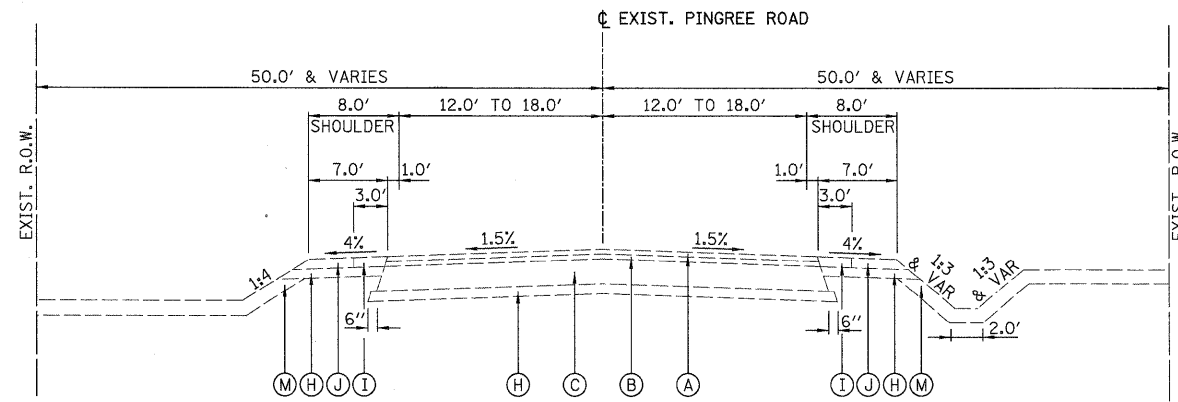
E-8 VIRGINIA ROAD
STA. 42+06.08 TO STA. 53+15.76



E-9 VIRGINIA ROAD
STA. 53+15.76 TO STA. 57+05.05

- NOTES**
1. EXISTING DIMENSIONS AND THICKNESSES SHOWN ARE FROM RECORD PLANS AND FIELD SURVEY. ACTUAL DIMENSIONS AND THICKNESSES MAY VARY.
 2. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR BECAUSE OF VARIATION FROM THE THICKNESS SHOWN ON THE PLANS. THIS REQUIREMENT SHALL NOT BE A CAUSE FOR CLAIMING DELAY.

	USER NAME = Rdky_Lisle	DESIGNED - MJP	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 RAKOW ROAD EXISTING TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT CONFIG= PDF(Grey, Large).plt	DRAWN - TCK	REVISED -			0336	05-00308-00-WR	MCHENRY	606	33		
PLOT SCALE = 1:8,33333	CHECKED - JAH	REVISED -				CONTRACT NO. 63398						
PLOT DATE = 7/28/2010	DATE - 8/2/2010	REVISED -				SCALE: NA	SHEET NO. TYP 3 OF 13	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



- LEGEND:**
- (A) - HOT-MIX ASPHALT SURFACE, 2"
 - (B) - HOT-MIX ASPHALT BINDER COURSE, 2"
 - (C) - HOT-MIX ASPHALT BASE COURSE, 7"
 - (D) - HOT-MIX ASPHALT BASE COURSE, 8"
 - (E) - HOT-MIX ASPHALT BASE COURSE, 8 1/2 "
 - (F) - HOT-MIX ASPHALT BASE COURSE, 9"
 - (G) - HOT-MIX ASPHALT BASE COURSE, 10 1/2 "
 - (H) - SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - (I) - HOT-MIX ASPHALT SHOULDERS, 4"
 - (J) - AGGREGATE SHOULDERS, TYPE A 4"
 - (K) - AGGREGATE SHOULDERS, TYPE A 6"
 - (L) - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (M) - TOPSOIL 6"

E-10 PINGREE ROAD
STA. 12+67.70 TO STA. 27+38.01

NOTES

1. EXISTING DIMENSIONS AND THICKNESSES SHOWN ARE FROM RECORD PLANS AND FIELD SURVEY. ACTUAL DIMENSIONS AND THICKNESSES MAY VARY.
2. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR BECAUSE OF VARIATION FROM THE THICKNESS SHOWN ON THE PLANS. THIS REQUIREMENT SHALL NOT BE A CAUSE FOR CLAIMING DELAY.



USER NAME = Rdeq_Lisle	DESIGNED - MJP	REVISED -
PLOT CONFIG = PDF(Grey-Large).plt	DRAWN - TCK	REVISED -
PLOT SCALE = 1:8.33333	CHECKED - JAH	REVISED -
PLOT DATE = 7/28/2010	DATE - 8/2/2010	REVISED -

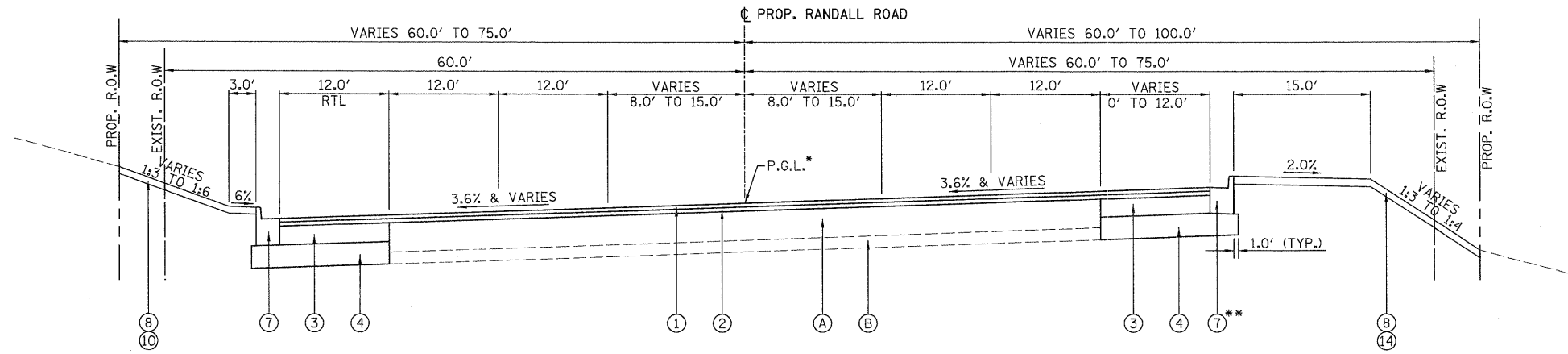


MCHENRY COUNTY
DIVISION OF TRANSPORTATION

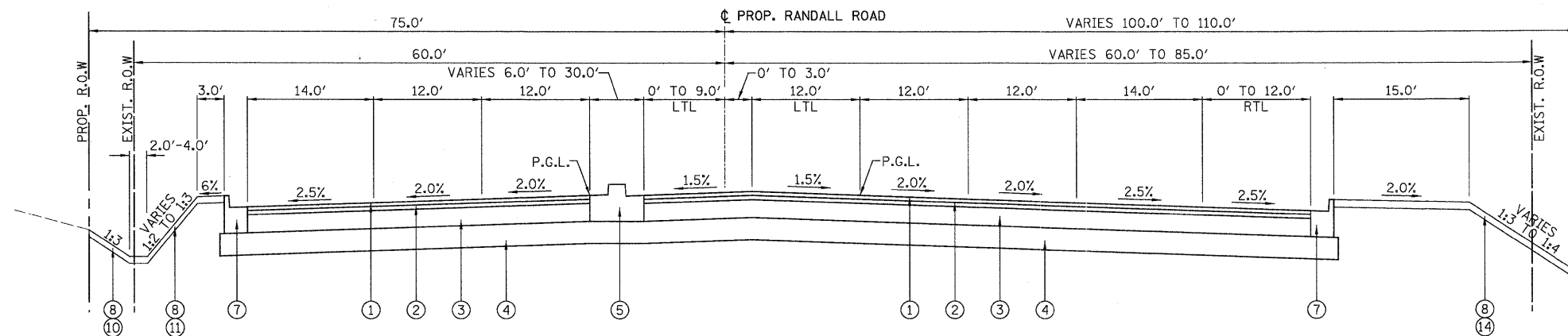
RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
RAKOW ROAD EXISTING TYPICAL SECTIONS

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 34
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		

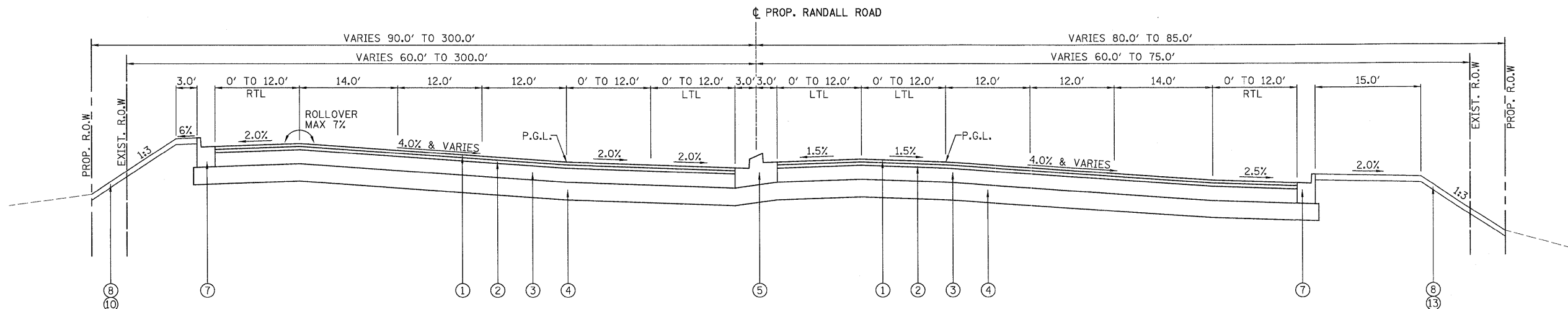
SCALE: NA SHEET NO. TYP 4 OF 13 STA. TO STA.



P-1 RANDALL ROAD
 STA. 86+42.45 TO STA. 92+13.27
 *SEE SHEET DTL 5 FOR PGL TRANSITION DETAIL
 **HMA SHOULDERS, 8" STA. 86+42.45 TO STA. 90+00.00



P-2 RANDALL ROAD
 STA. 92+13.27 TO STA. 98+96.93



P-3 RANDALL ROAD
 STA. 100+86.40 TO STA. 108+18.35

LEGEND

EXISTING

- (A) - HMA BASE COURSE
- (B) - AGGREGATE SUBGRADE

PROPOSED

- FULL-DEPTH PAVEMENT OPTION (RAKOW ROAD)**
- (1) - POLYMERIZED HMA SURFACE CSE., MIX "F", N90, 2"
 - (2) - POLYMERIZED HMA BINDER CSE., IL-19.0, N90, 2 1/4"
 - (3) - HMA BASE COURSE, 11 3/4"
- COMPOSITE PAVEMENT OPTION (RAKOW ROAD)**
- (1) - POLYMERIZED HMA SURFACE CSE., MIX "F", N90, 1 3/4"
 - (2) - POLYMERIZED HMA BINDER CSE., IL-19.0, N90, 2 1/4"
 - (3) - P.C.C. BASE COURSE, 7 1/4"
 - (4) - AGGREGATE SUBGRADE, 12"
 - (5) - CONCRETE MEDIAN, TYPE SB-6.12
 - (6) - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
 - (7) - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (8) - FURNISH AND PLACE TOPSOIL, 6"
 - (9) - FURNISH AND PLACE TOPSOIL, 24"
 - (10) - SEEDING, CLASS 2A (MODIFIED)
 - (11) - SEEDING, CLASS 4A (MODIFIED)
 - (12) - SEEDING, CLASS 1 (MODIFIED)
 - (13) - SODDING, SALT TOLERANT
 - (14) - SEEDING CLASS 4A

PATRICK ENGINEERING INC. LISLE, ILLINOIS	USER NAME = Rdwy_Lisle PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:8.33333 PLOT DATE = 7/28/2010	DESIGNED - MJP DRAWN - TCK CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 RAKOW ROAD PROPOSED TYPICAL SECTIONS	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY TOTAL SHEETS 606 SHEET NO. 35 CONTRACT NO. 63398
	SCALE: NA SHEET NO. TYP 5 OF 13 STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

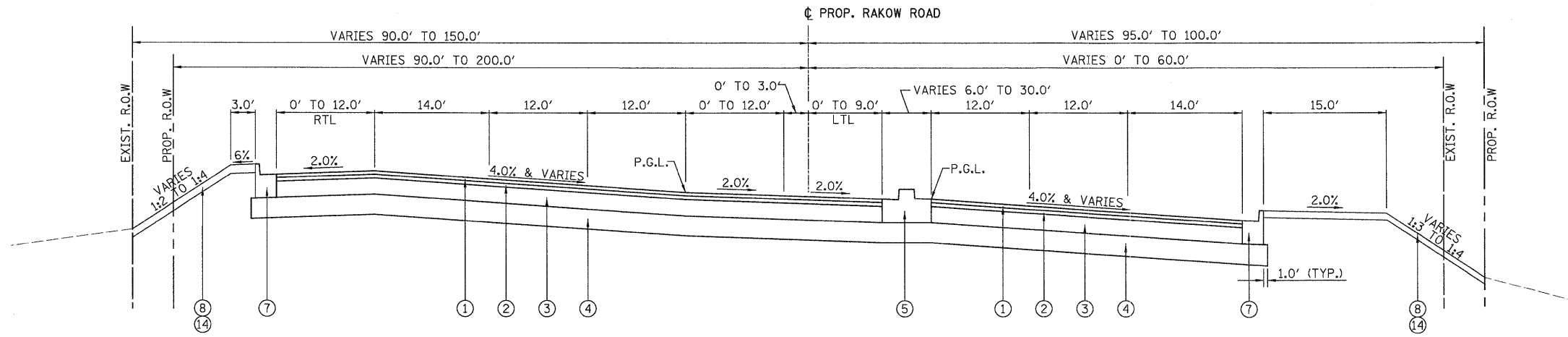
LEGEND

EXISTING

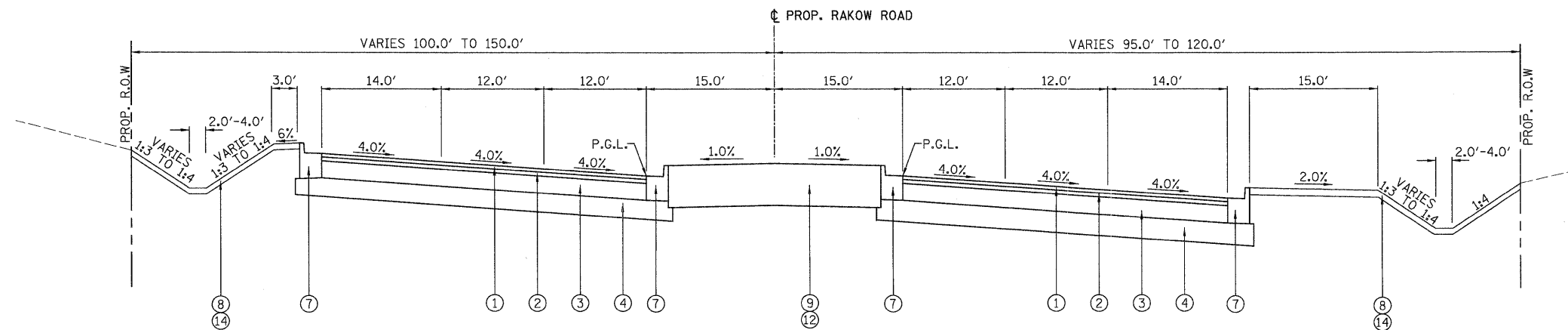
- (A) - HMA BASE COURSE
- (B) - AGGREGATE SUBGRADE

PROPOSED

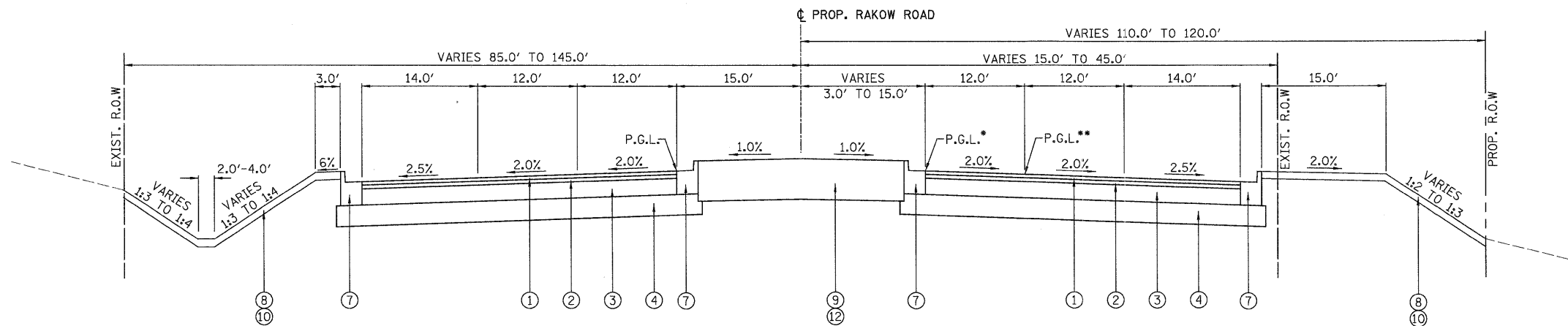
- FULL-DEPTH PAVEMENT OPTION (RAKOW ROAD)**
- (1) - POLYMERIZED HMA SURFACE CSE., MIX "F", N90, 2"
 - (2) - POLYMERIZED HMA BINDER CSE., IL-19.0, N90, 2 1/4"
 - (3) - HMA BASE COURSE, 11 3/4"
- COMPOSITE PAVEMENT OPTION (RAKOW ROAD)**
- (1) - POLYMERIZED HMA SURFACE CSE., MIX "F", N90, 1 3/4"
 - (2) - POLYMERIZED HMA BINDER CSE., IL-19.0, N90, 2 1/4"
 - (3) - P.C.C. BASE COURSE, 7 1/4"
 - (4) - AGGREGATE SUBGRADE, 12"
 - (5) - CONCRETE MEDIAN, TYPE SB-6.12
 - (6) - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
 - (7) - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (8) - FURNISH AND PLACE TOPSOIL, 6"
 - (9) - FURNISH AND PLACE TOPSOIL, 24"
 - (10) - SEEDING, CLASS 2A (MODIFIED)
 - (11) - SEEDING, CLASS 4A (MODIFIED)
 - (12) - SEEDING, CLASS 1 (MODIFIED)
 - (13) - SODDING, SALT TOLERANT
 - (14) - SEEDING CLASS 4A



P-4 RAKOW ROAD
STA. 109+70.11 TO STA. 114+82.23



P-5 RAKOW ROAD
STA. 114+82.23 TO STA. 135+33.38



P-6 RAKOW ROAD
STA. 135+33.38 TO STA. 162+71.59

*PGL TRANSITIONS FROM STA. 135+33.38, 15' RT TO STA. 140+73.38, 15' RT
 **PGL STA. 140+73.38 TO STA. 162+71.59
 PGL REMAINS AT 15' LT/RT THROUGHOUT SECTION

	USER NAME = Rdky_Lisle	DESIGNED - MJP	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 RAKOW ROAD PROPOSED TYPICAL SECTIONS	F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 36
	PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - TCK	REVISED -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63398		
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	PLOT DATE = 7/28/2010	DATE - 8/2/2010	REVISED -								

LEGEND

EXISTING

- (A) - HMA BASE COURSE
- (B) - AGGREGATE SUBGRADE

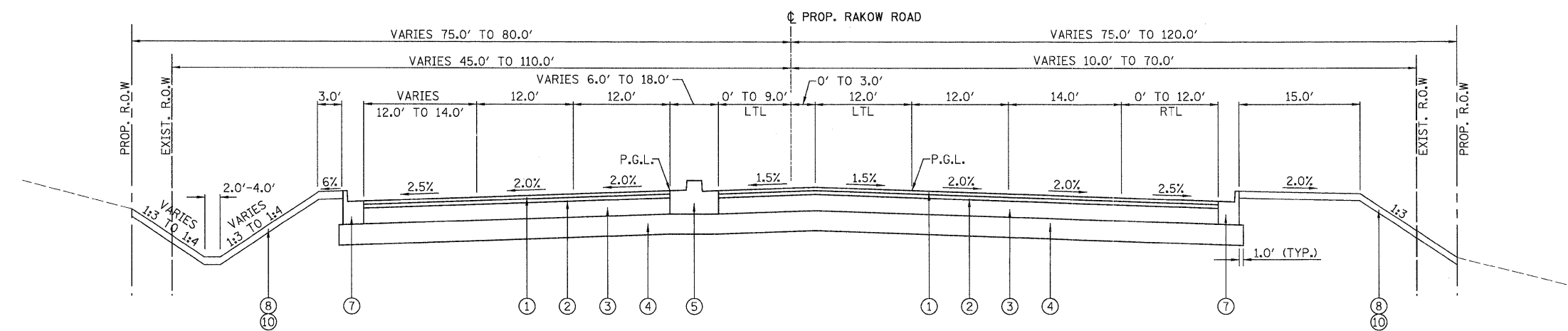
PROPOSED

FULL-DEPTH PAVEMENT OPTION (RAKOW ROAD)

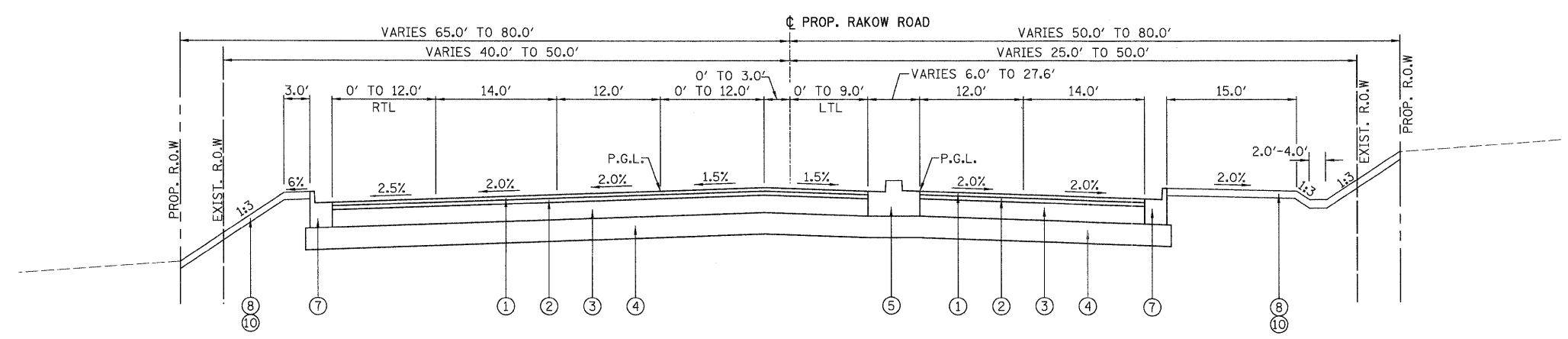
- (1) - POLYMERIZED HMA SURFACE CSE., MIX "F", N90, 2"
- (2) - POLYMERIZED HMA BINDER CSE., IL-19.0, N90, 2 1/4"
- (3) - HMA BASE COURSE, 11 3/4"

COMPOSITE PAVEMENT OPTION (RAKOW ROAD)

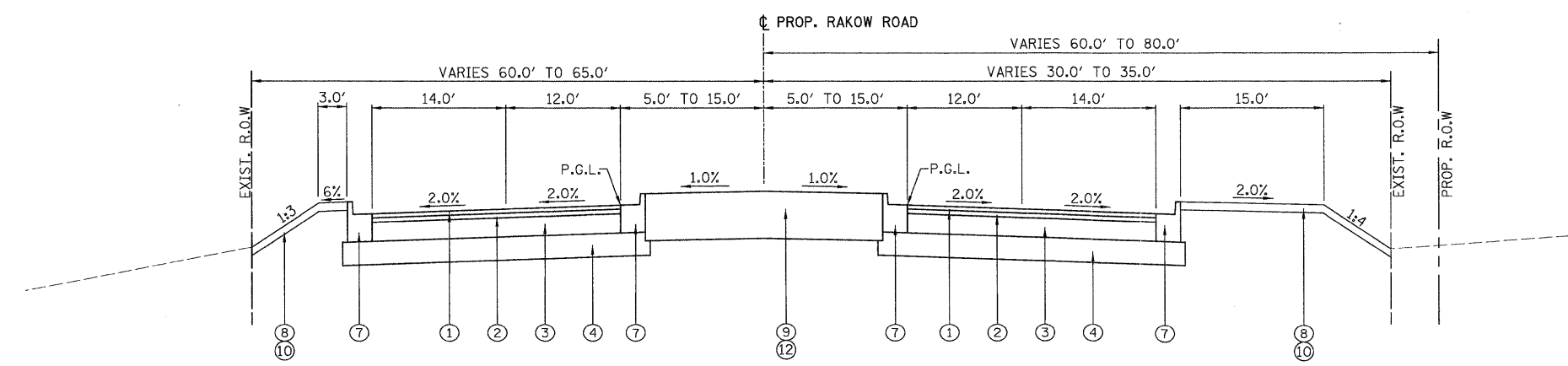
- (1) - POLYMERIZED HMA SURFACE CSE., MIX "F", N90, 1 3/4"
- (2) - POLYMERIZED HMA BINDER CSE., IL-19.0, N90, 2 1/4"
- (3) - P.C.C. BASE COURSE, 7 1/4"
- (4) - AGGREGATE SUBGRADE, 12"
- (5) - CONCRETE MEDIAN, TYPE SB-6.12
- (6) - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (7) - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) - FURNISH AND PLACE TOPSOIL, 6"
- (9) - FURNISH AND PLACE TOPSOIL, 24"
- (10) - SEEDING, CLASS 2A (MODIFIED)
- (11) - SEEDING, CLASS 4A (MODIFIED)
- (12) - SEEDING, CLASS 1 (MODIFIED)
- (13) - SODDING, SALT TOLERANT
- (14) - SEEDING CLASS 4A



P-7 RAKOW ROAD
 STA. 162+71.59 TO STA. 168+71.77
 STA. 237+65.06 TO STA. 248+17.62



P-8 RAKOW ROAD
 STA. 170+22.28 TO STA. 175+42.65
 STA. 222+87.91 TO STA. 227+95.97
 STA. 232+00.00 TO STA. 237+65.06



P-9 RAKOW ROAD
 STA. 175+42.65 TO STA. 178+82.28
 STA. 188+48.07 TO STA. 216+54.81



USER NAME = Rdwy_Lisle	DESIGNED - MJP	REVISED -
PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - TCK	REVISED -
PLOT SCALE = 1/8,33333	CHECKED - JAH	REVISED -
PLOT DATE = 7/28/2010	DATE - 8/2/2010	REVISED -



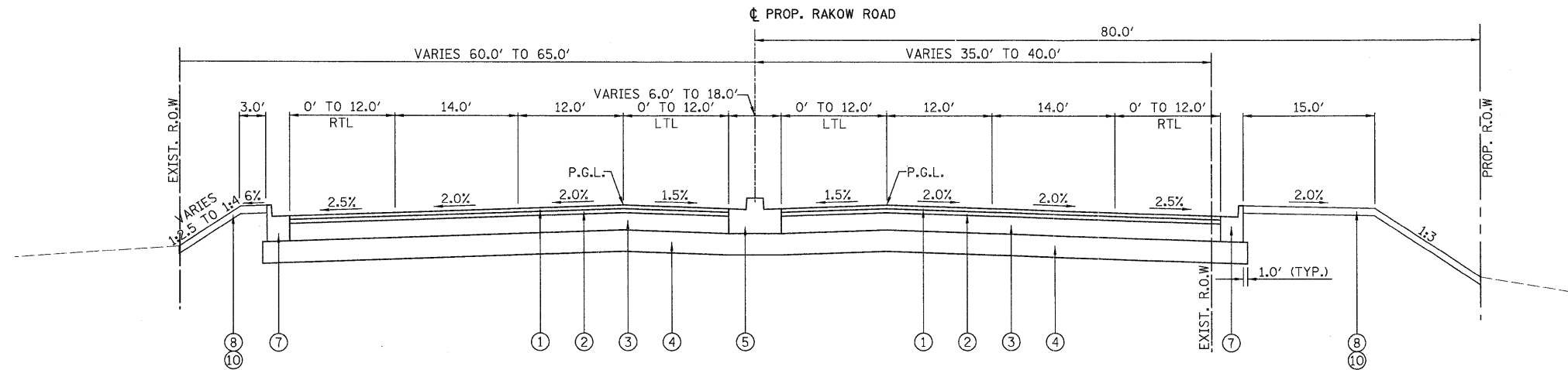
**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 RAKOW ROAD PROPOSED TYPICAL SECTIONS**

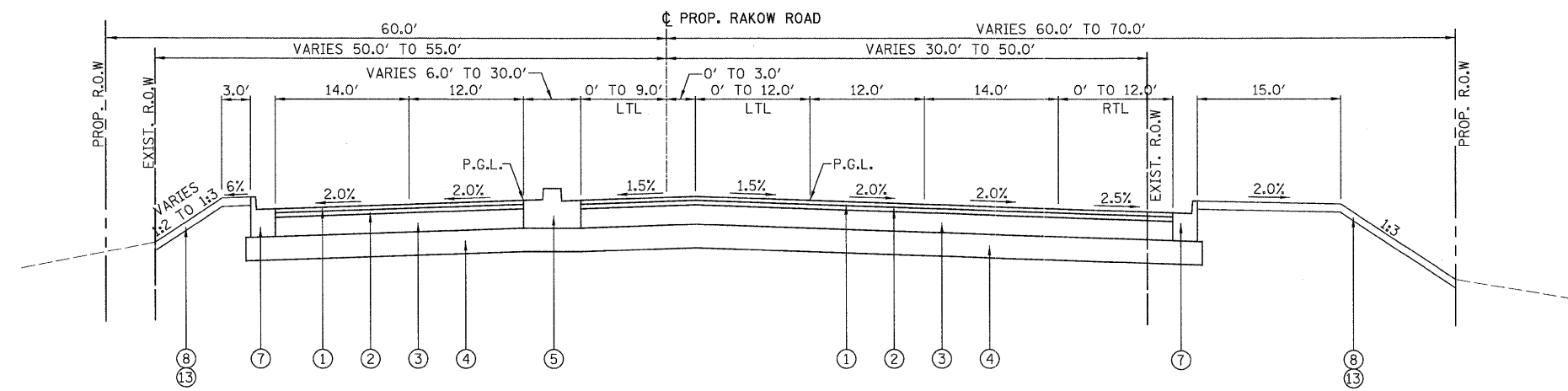
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F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 37
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		

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P-10 RAKOW ROAD
 STA. 178+82.28 TO STA. 188+48.07



P-11 RAKOW ROAD
 STA. 216+54.81 TO STA. 221+66.06
 STA. 227+95.97 TO STA. 232+00.00

LEGEND

EXISTING

- (A) - HMA BASE COURSE
- (B) - AGGREGATE SUBGRADE

PROPOSED

- FULL-DEPTH PAVEMENT OPTION (RAKOW ROAD)**
- (1) - POLYMERIZED HMA SURFACE CSE., MIX "F", N90, 2"
 - (2) - POLYMERIZED HMA BINDER CSE., IL-19.0, N90, 2 1/4"
 - (3) - HMA BASE COURSE, 11 3/4"
- COMPOSITE PAVEMENT OPTION (RAKOW ROAD)**
- (1) - POLYMERIZED HMA SURFACE CSE., MIX "F", N90, 1 3/4"
 - (2) - POLYMERIZED HMA BINDER CSE., IL-19.0, N90, 2 1/4"
 - (3) - P.C.C. BASE COURSE, 7 1/4"
 - (4) - AGGREGATE SUBGRADE, 12"
 - (5) - CONCRETE MEDIAN, TYPE SB-6.12
 - (6) - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
 - (7) - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (8) - FURNISH AND PLACE TOPSOIL, 6"
 - (9) - FURNISH AND PLACE TOPSOIL, 24"
 - (10) - SEEDING, CLASS 2A (MODIFIED)
 - (11) - SEEDING, CLASS 4A (MODIFIED)
 - (12) - SEEDING, CLASS 1 (MODIFIED)
 - (13) - SODDING, SALT TOLERANT
 - (14) - SEEDING CLASS 4A

COMPOSITE PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC: YEAR 2020			
PV = 49,600	SU = 3,100	MU = 2,660	
ROAD/STREET CLASSIFICATION: CLASS 1			
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 0.20	S = 0.40	M = 0.40	
TRAFFIC FACTOR: ACTUAL TF = 17.02	AC Type =		
MINIMUM TF =			
PG GRADE: Binder =	Surface =		
SUBGRADE SUPPORT RATING:			
IBR = 3	(STA. TO)		

FULL-DEPTH FLEXIBLE PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC: YEAR 2020			
PV = 49,600	SU = 3,100	MU = 2,660	
ROAD/STREET CLASSIFICATION: CLASS 1			
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 0.20	S = 0.40	M = 0.40	
TRAFFIC FACTOR: ACTUAL TF = 12.55	AC Type =		
MINIMUM TF =			
PG GRADE: Binder =	Surface =		
SUBGRADE SUPPORT RATING:			
IBR = 3	(STA. TO)		

G:\MCD01\20950_201\Drawings\RDW\shs\Typ\5_PTyp_01.dgn

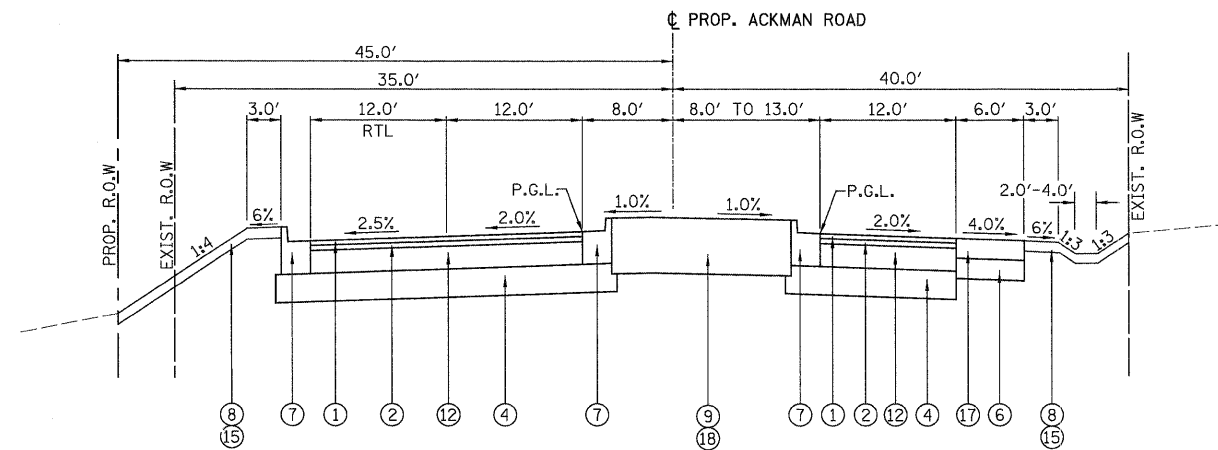
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EXISTING

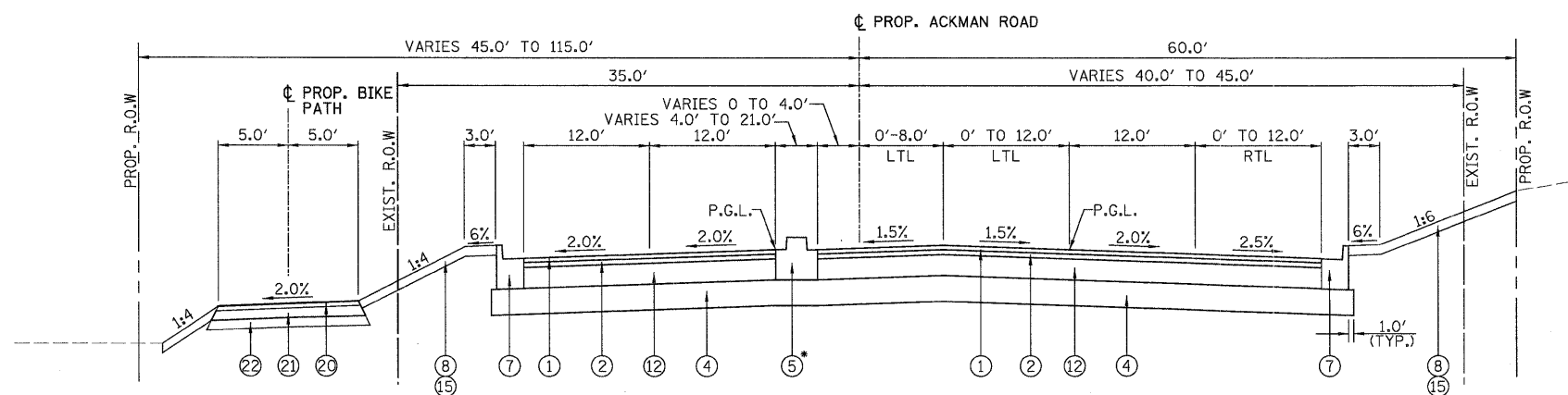
- (A) - HMA BASE COURSE
- (B) - AGGREGATE SUBGRADE
- (C) - SUBBASE GRANULAR MATERIAL
- (D) - P.C.C. PAVEMENT

PROPOSED

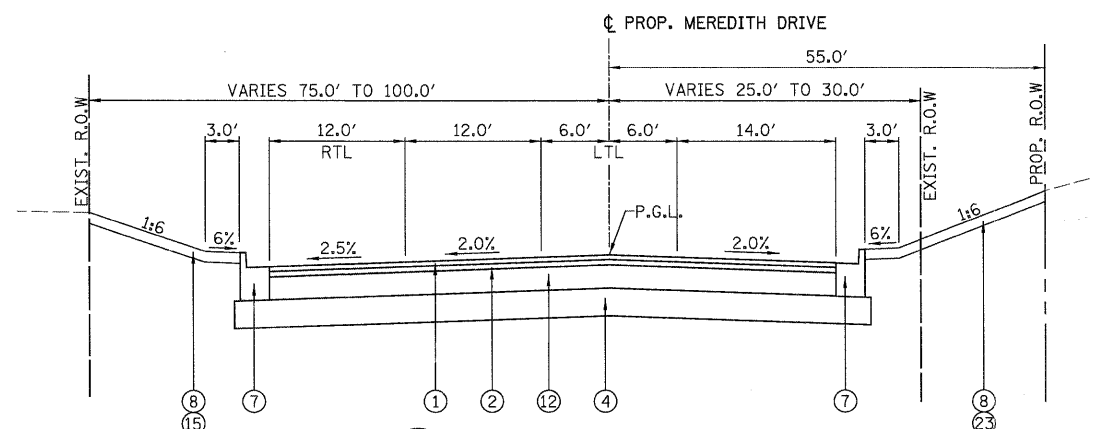
- (1) - HMA SURFACE CSE., MIX "D", N70, 1 3/4"
- (2) - HMA BINDER CSE., IL-19.0, N70, 2 1/4"
- (3) - SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- (4) - AGGREGATE SUBGRADE, 12"
- (5) - CONCRETE MEDIAN, TYPE SB-6.12
- (6) - AGGREGATE SUBGRADE, 8"
- (7) - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) - FURNISH AND PLACE TOPSOIL, 6"
- (9) - FURNISH AND PLACE TOPSOIL, 24"
- (10) - SEEDING, CLASS 2A (MODIFIED)
- (11) - HMA BASE COURSE, 7"
- (12) - HMA BASE COURSE, 8 1/2"
- (13) - HMA BASE COURSE, 9"
- (14) - HMA BASE COURSE, 9 1/2"
- (15) - SODDING, SALT TOLERANT
- (16) - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (17) - HMA SHOULDERS, 8"
- (18) - SEEDING, CLASS 1 (MODIFIED)
- (19) - P.C.C. PAVEMENT 10" (JOINTED)
- (20) - HOT-MIX ASPHALT SURFACE CSE., MIX C, N50, 2"
- (21) - HOT-MIX ASPHALT BINDER CSE., IL-19.0, N50, 4"
- (22) - STABILIZED SUB-BASE 4"
- (23) - SEEDING, CLASS 4A



P-12 ACKMAN ROAD
STA. 9+03.18 TO STA. 11+41.25



P-13 ACKMAN ROAD
STA. 11+41.25 TO STA. 19+03.25
*CONC MED TSB6.12 FROM STA. 13+61.76 TO STA. 19+03.25



P-14 MEREDITH DRIVE
STA. 20+80.57 TO STA. 21+87.44

	USER NAME = Rdwy_Lisle	DESIGNED - MJJ	REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 ACKMAN ROAD PROPOSED TYPICAL SECTIONS			F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 39
	PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - TCK	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63398		
	PLOT SCALE = 1:8.33333	CHECKED - JAH	REVISED -					SCALE: NA	SHEET NO. TYP 9 OF 13	STA. TO STA.		
	PLOT DATE = 7/28/2010	DATE - 8/2/2010	REVISED -									

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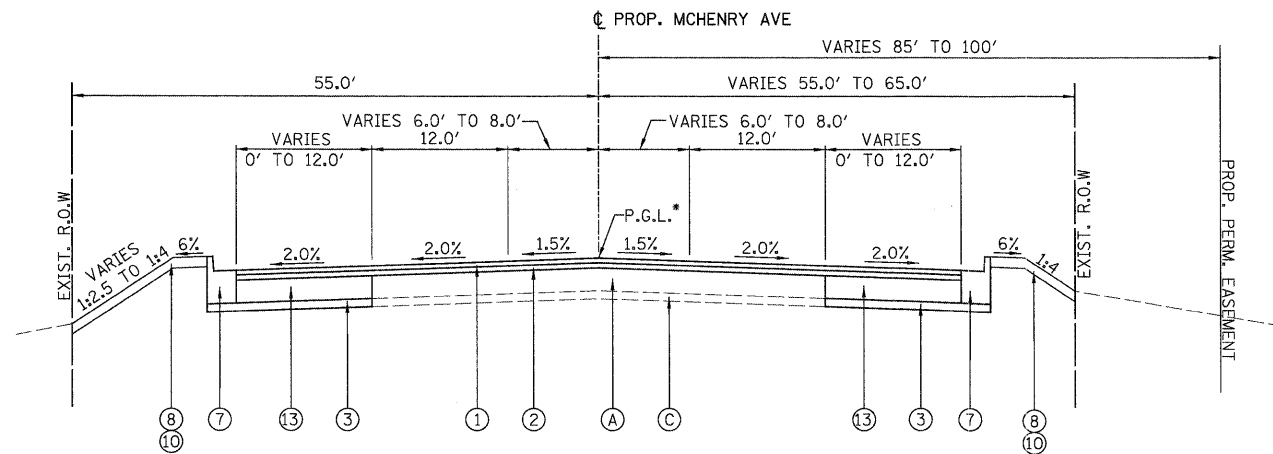
LEGEND

EXISTING

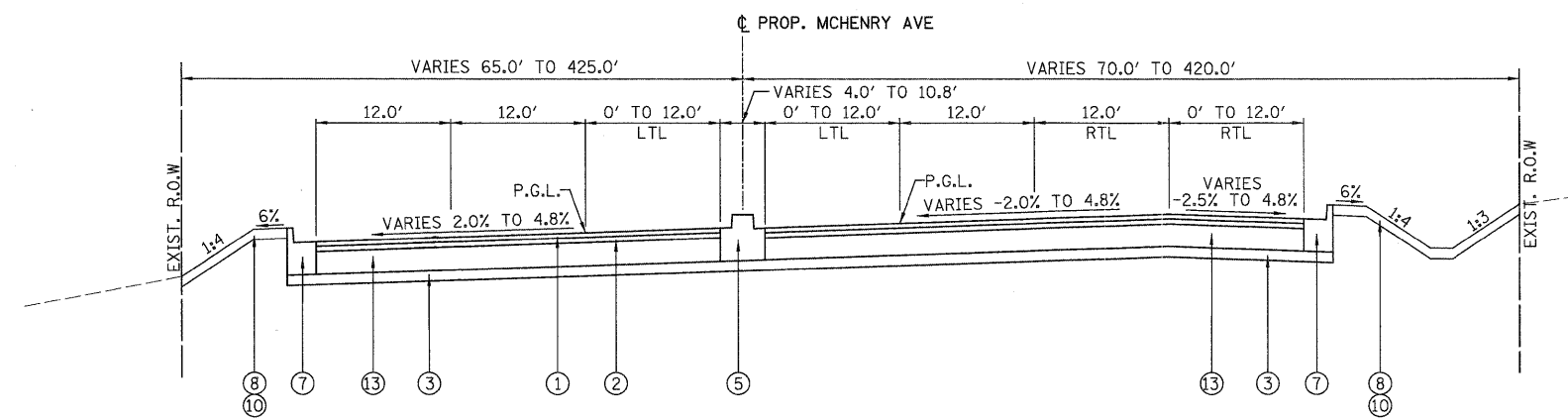
- (A) - HMA BASE COURSE
- (B) - AGGREGATE SUBGRADE
- (C) - SUBBASE GRANULAR MATERIAL
- (D) - P.C.C. PAVEMENT

PROPOSED

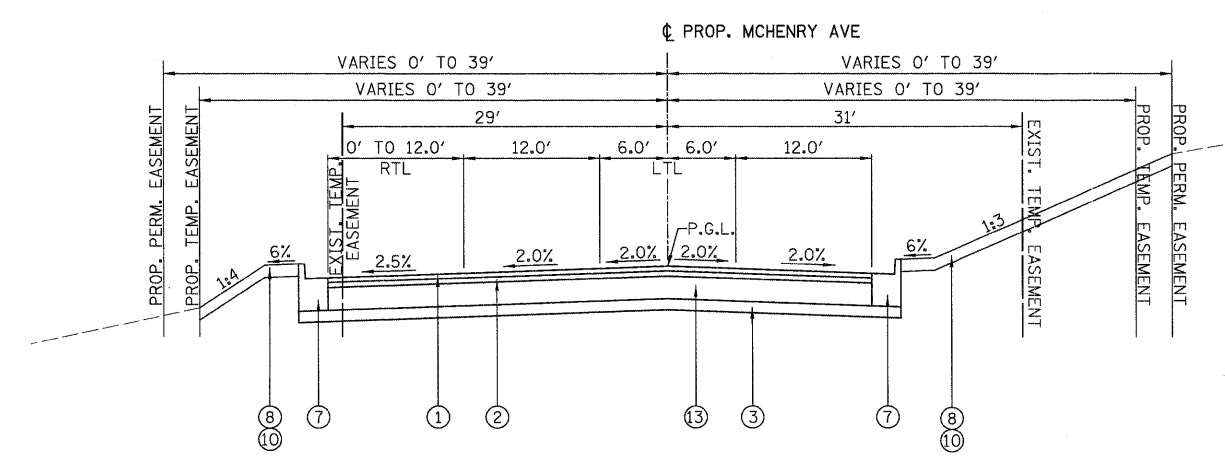
- (1) - HMA SURFACE CSE., MIX "D", N70, 1 3/4"
- (2) - HMA BINDER CSE., IL-19.0, N70, 2 1/4"
- (3) - SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- (4) - AGGREGATE SUBGRADE, 12"
- (5) - CONCRETE MEDIAN, TYPE SB-6.12
- (6) - AGGREGATE SUBGRADE, 8"
- (7) - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) - FURNISH AND PLACE TOPSOIL, 6"
- (9) - FURNISH AND PLACE TOPSOIL, 24"
- (10) - SEEDING, CLASS 2A (MODIFIED)
- (11) - HMA BASE COURSE, 7"
- (12) - HMA BASE COURSE, 8 1/2"
- (13) - HMA BASE COURSE, 9"
- (14) - HMA BASE COURSE, 9 1/2"
- (15) - SODDING, SALT TOLERANT
- (16) - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (17) - HMA SHOULDERS, 8"
- (18) - SEEDING, CLASS 1 (MODIFIED)
- (19) - P.C.C. PAVEMENT 10" (JOINTED)



P-15 MCHENRY AVE
 STA. 6+81.33 TO STA. 11+00.00
 *SEE SHEET DTL 5 FOR PGL TRANSITION DETAIL



P-16 MCHENRY AVE
 STA. 11+00.00 TO STA. 19+20.94



P-17 MCHENRY AVE
 STA. 20+86.88 TO STA. 22+15.19



USER NAME = Rdwy_Lisle	DESIGNED - MJP	REVISED -
PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - TCK	REVISED -
PLOT SCALE = 1:8.33333	CHECKED - JAH	REVISED -
PLOT DATE = 7/28/2010	DATE - 8/2/2010	REVISED -

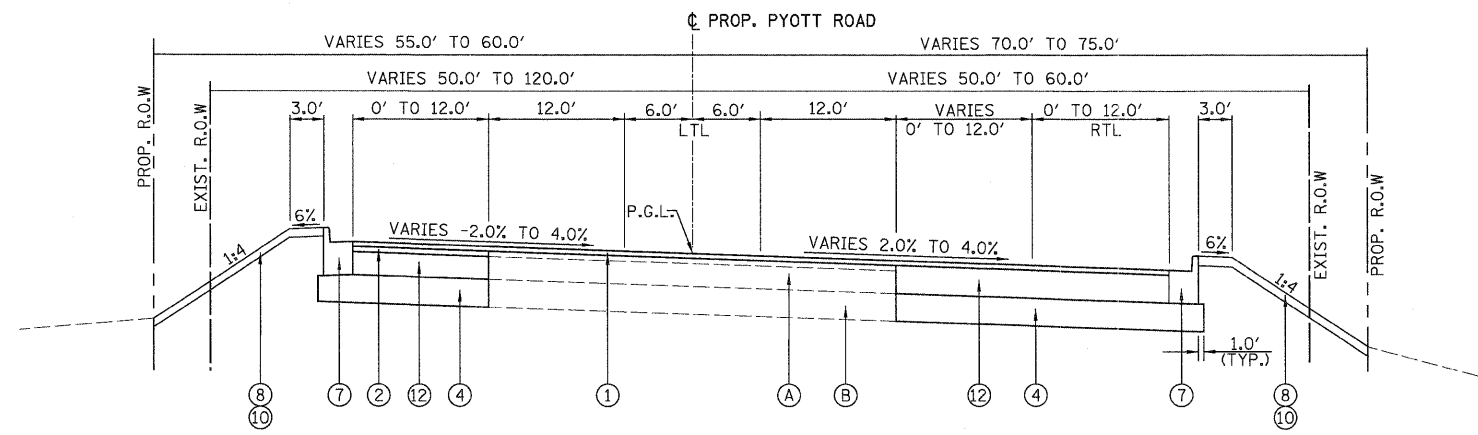


MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

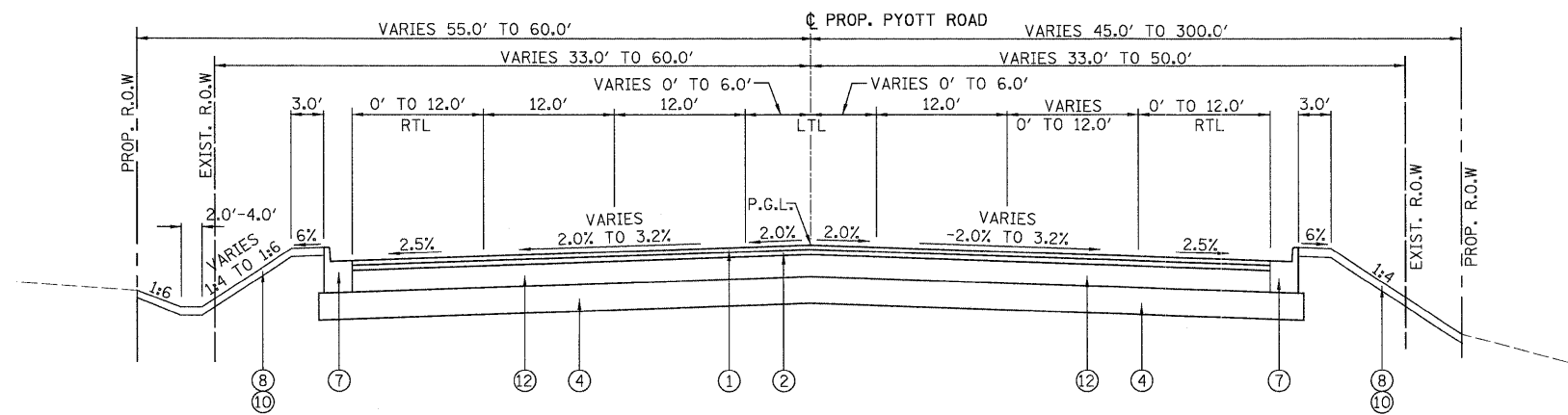
RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 MCHENRY AVENUE PROPOSED TYPICAL SECTIONS

SCALE: NA SHEET NO. TYP 10 OF 13 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 40
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	



(P-18) PYOTT ROAD
STA. 41+67.35 TO STA. 48+51.27



(P-19) PYOTT ROAD
STA. 48+51.27 TO STA. 61+35.94

LEGEND

EXISTING

- (A) - HMA BASE COURSE
- (B) - AGGREGATE SUBGRADE
- (C) - SUBBASE GRANULAR MATERIAL
- (D) - P.C.C. PAVEMENT

PROPOSED

- (1) - HMA SURFACE CSE., MIX "D", N70, 1 3/4"
- (2) - HMA BINDER CSE., IL-19.0, N70, 2 1/4"
- (3) - SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- (4) - AGGREGATE SUBGRADE, 12"
- (5) - CONCRETE MEDIAN, TYPE SB-6.12
- (6) - AGGREGATE SUBGRADE, 8"
- (7) - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) - FURNISH AND PLACE TOPSOIL, 6"
- (9) - FURNISH AND PLACE TOPSOIL, 24"
- (10) - SEEDING, CLASS 2A (MODIFIED)
- (11) - HMA BASE COURSE, 7"
- (12) - HMA BASE COURSE, 8 1/2"
- (13) - HMA BASE COURSE, 9"
- (14) - HMA BASE COURSE, 9 1/2"
- (15) - SODDING, SALT TOLERANT
- (16) - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (17) - HMA SHOULDERS, 8"
- (18) - SEEDING, CLASS 1 (MODIFIED)
- (19) - P.C.C. PAVEMENT 10" (JOINTED)



USER NAME = Rdwy_Lisle	DESIGNED - MJP	REVISED -
PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - TCK	REVISED -
PLOT SCALE = 1:8.33333	CHECKED - JAH	REVISED -
PLOT DATE = 7/28/2010	DATE - 8/2/2010	REVISED -

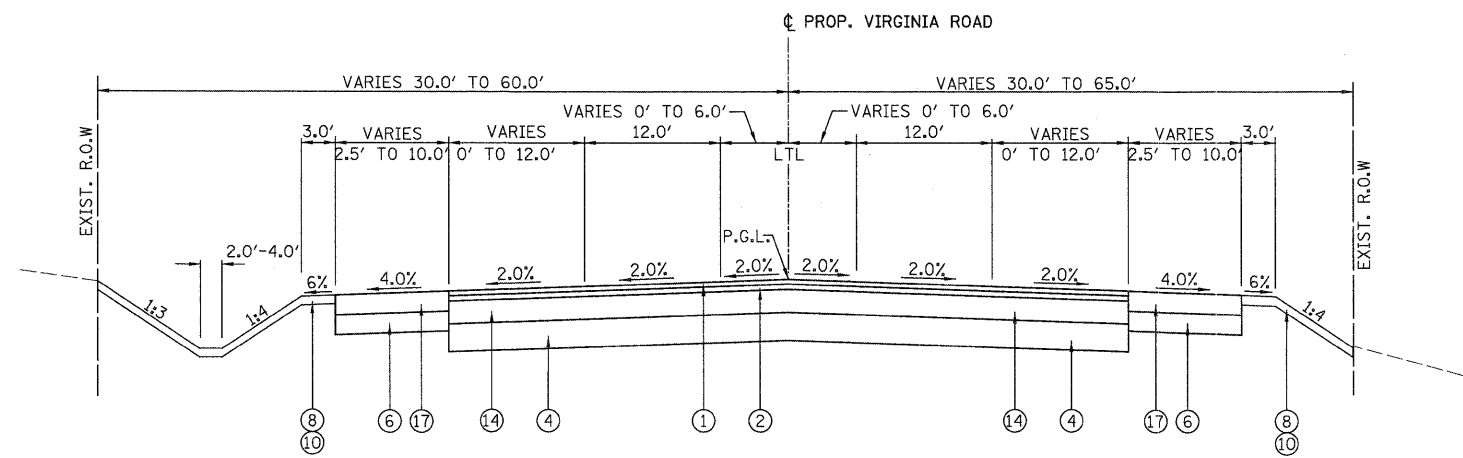


MCHENRY COUNTY
DIVISION OF TRANSPORTATION

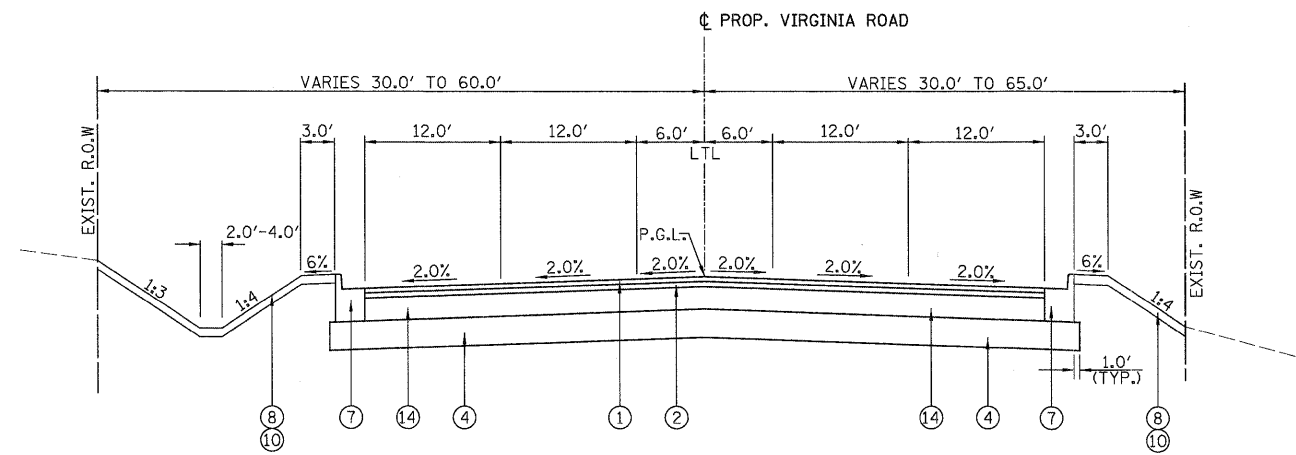
RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PYOTT ROAD PROPOSED TYPICAL SECTIONS

SCALE: NA SHEET NO. TYP 11 OF 13 STA. TO STA.

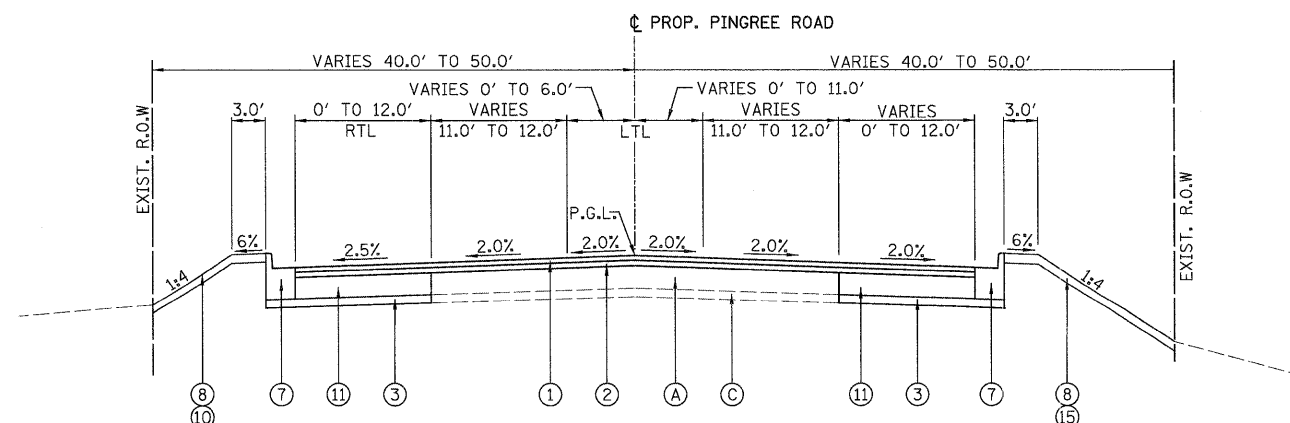
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 41
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	



P-20 VIRGINIA ROAD
 STA. 39+99.75 TO STA. 47+24.23
 STA. 53+53.47 TO STA. 58+03.97



P-21 VIRGINIA ROAD
 STA. 47+24.23 TO STA. 53+53.47



P-22 PINGREE ROAD
 STA. 18+65.38 TO STA. 29+70.31

LEGEND

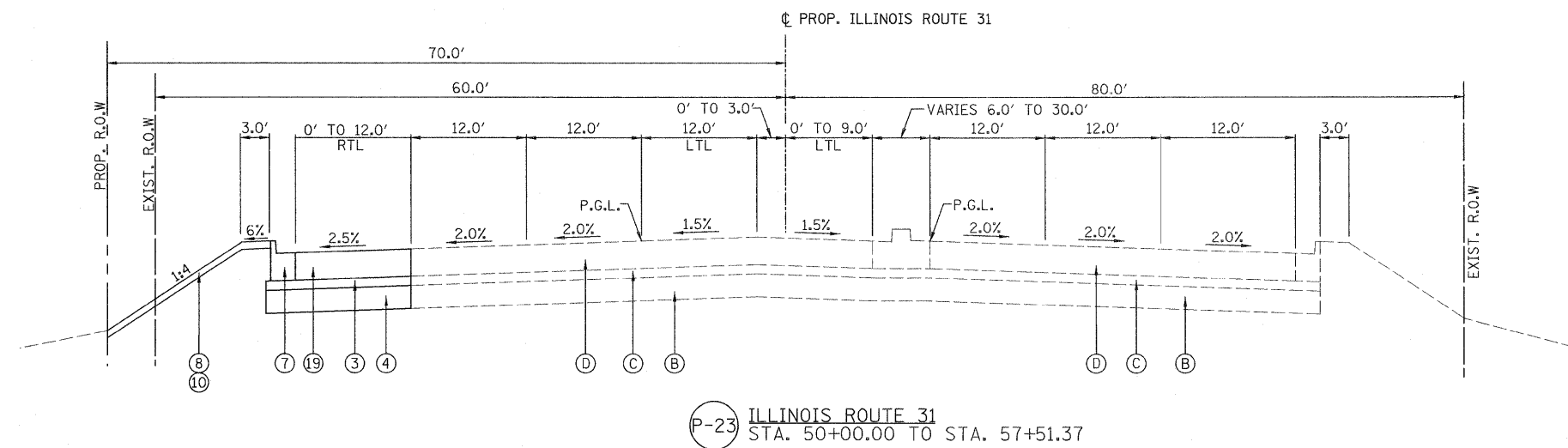
EXISTING

- (A) - HMA BASE COURSE
- (B) - AGGREGATE SUBGRADE
- (C) - SUBBASE GRANULAR MATERIAL
- (D) - P.C.C. PAVEMENT

PROPOSED

- (1) - HMA SURFACE CSE., MIX "D", N70, 1 3/4"
- (2) - HMA BINDER CSE., IL-19.0, N70, 2 1/4"
- (3) - SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- (4) - AGGREGATE SUBGRADE, 12"
- (5) - CONCRETE MEDIAN, TYPE SB-6.12
- (6) - AGGREGATE SUBGRADE, 8"
- (7) - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) - FURNISH AND PLACE TOPSOIL, 6"
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- (10) - SEEDING, CLASS 2A (MODIFIED)
- (11) - HMA BASE COURSE, 7"
- (12) - HMA BASE COURSE, 8 1/2"
- (13) - HMA BASE COURSE, 9"
- (14) - HMA BASE COURSE, 9 1/2"
- (15) - SODDING, SALT TOLERANT
- (16) - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (17) - HMA SHOULDERS, 8"
- (18) - SEEDING, CLASS 1 (MODIFIED)
- (19) - P.C.C. PAVEMENT 10" (JOINTED)

	USER NAME = Rdwy_Lisle	DESIGNED - MJP	REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 VIRGINIA ROAD PROPOSED TYPICAL SECTIONS		F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 42
	PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - TCK	REVISED -		SCALE: NA	SHEET NO. TYP 12 OF 13	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT	CONTRACT NO. 63398	
PLOT SCALE = 1:8,33333	CHECKED - JAH	DATE - 8/2/2010	REVISED -								
PLOT DATE = 7/28/2010											



P-23 ILLINOIS ROUTE 31
STA. 50+00.00 TO STA. 57+51.37

LEGEND

EXISTING

- (A) - HMA BASE COURSE
- (B) - AGGREGATE SUBGRADE
- (C) - SUBBASE GRANULAR MATERIAL
- (D) - P.C.C. PAVEMENT

PROPOSED

- (1) - HMA SURFACE CSE., MIX "D", N70, 1 3/4"
- (2) - HMA BINDER CSE., IL-19.0, N70, 2 1/4"
- (3) - SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- (4) - AGGREGATE SUBGRADE, 12"
- (5) - CONCRETE MEDIAN, TYPE SB-6.12
- (6) - AGGREGATE SUBGRADE, 8"
- (7) - COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) - FURNISH AND PLACE TOPSOIL, 6"
- (9) - FURNISH AND PLACE TOPSOIL, 24"
- (10) - SEEDING, CLASS 2A (MODIFIED)
- (11) - HMA BASE COURSE, 7"
- (12) - HMA BASE COURSE, 8 1/2"
- (13) - HMA BASE COURSE, 9"
- (14) - HMA BASE COURSE, 9 1/2"
- (15) - SODDING, SALT TOLERANT
- (16) - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (17) - HMA SHOULDERS, 8"
- (18) - SEEDING, CLASS 1 (MODIFIED)
- (19) - P.C.C. PAVEMENT 10" (JOINTED)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	THICKNESS
PAVEMENT RESURFACING (RAKOW ROAD)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	4% @ 90 GYR.	2"
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	4% @ 90 GYR.	2 1/4"
PAVEMENT RESURFACING (SIDE STREETS)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	4% @ 70 GYR.	1 3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR.	2 1/4"
FULL DEPTH PAVEMENT (RAKOW ROAD)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	4% @ 90 GYR.	2"
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	4% @ 90 GYR.	2 1/4"
HOT-MIX ASPHALT BASE COURSE	4% @ 90 GYR.	11 3/4"
FULL DEPTH PAVEMENT (SIDE STREETS)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	4% @ 70 GYR.	1 3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR.	2 1/4"
HOT-MIX ASPHALT BASE COURSE	4% @ 70 GYR.	7" TO 9 1/2"

MIXTURE TYPE	AIR VOIDS @ NDES	THICKNESS
SHOULDERS		
HOT-MIX ASPHALT SHOULDERS	2% @ 30 GYR.	8"
COMMERCIAL ENTRANCES		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	4% @ 50 GYR.	2"
HOT-MIX ASPHALT BASE COURSE, 8" (IL-19 mm)	4% @ 50 GYR.	8"
PRIVATE ENTRANCES		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	4% @ 50 GYR.	2"
HOT-MIX ASPHALT BASE COURSE, 6" (IL-19 mm)	4% @ 50 GYR.	6"
BIKEPATHS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	4% @ 50 GYR.	2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 GYR.	4"

NOTES:
 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



USER NAME = mpine@rdwy.lisle	DESIGNED - MJP	REVISED -
PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - TCK	REVISED -
PLOT SCALE = 1:8,333.333	CHECKED - JAH	REVISED -
PLOT DATE = 8/23/2010	DATE - 8/2/2010	REVISED -



**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PINGREE ROAD AND IL RTE 31 PROPOSED TYPICAL SECTIONS**

SCALE: NA SHEET NO. TYP 13 OF 13 STA. TO STA.

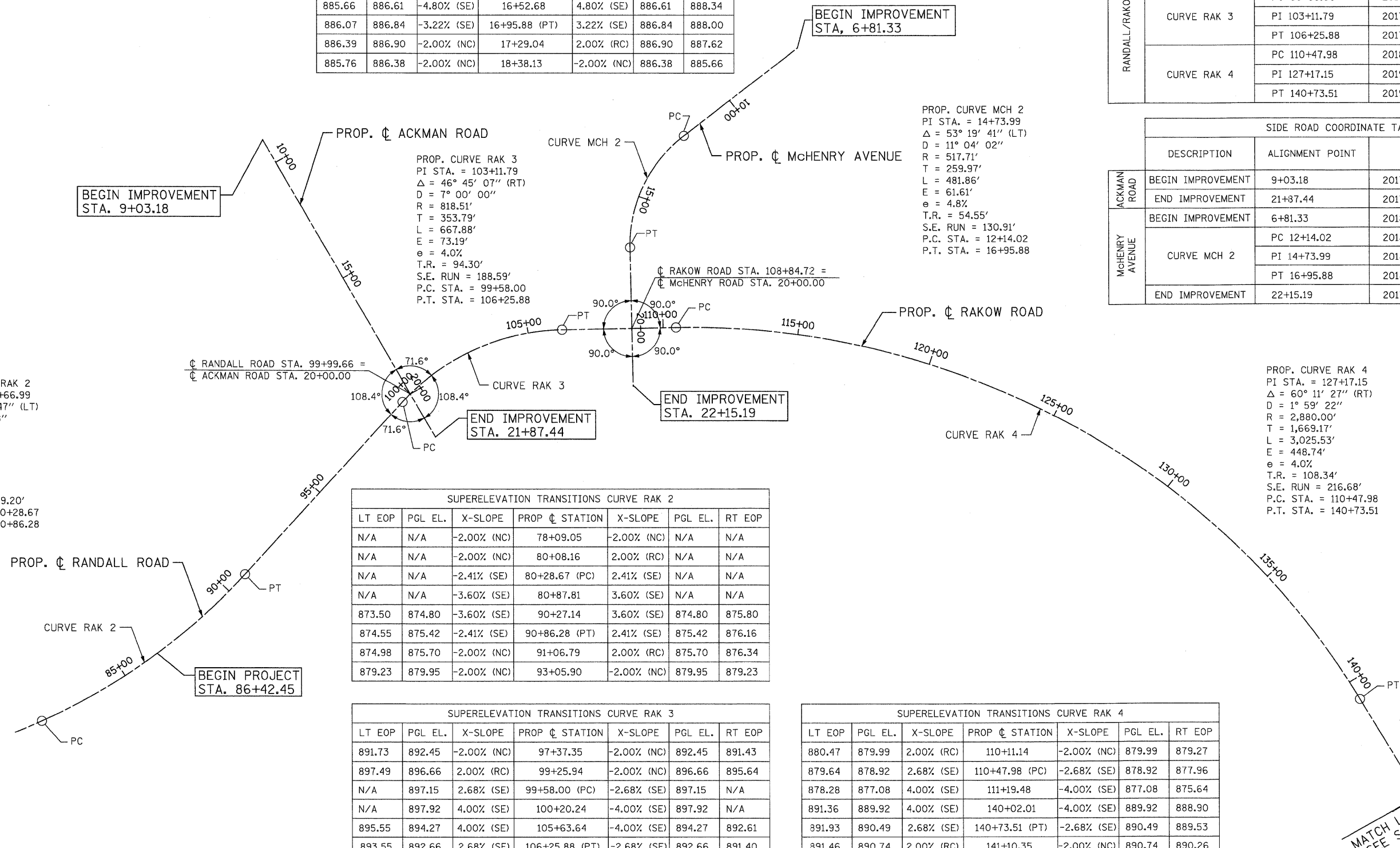
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	43
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63398		

INTERSECTION COORDINATE TABLE		
STATION EQUATION	N	E
☉ RANDALL ROAD STA. 99+99.66 = ☉ ACKMAN ROAD STA. 20+00.00	2017108.951	983389.682
☉ RAKOW ROAD STA. 108+84.72 = ☉ MCHENRY ROAD STA. 20+00.00	2107942.189	983588.310

SUPERELEVATION TRANSITIONS CURVE MCH 2						
LT EOP	PGL EL.	X-SLOPE	PROP ☉ STATION	X-SLOPE	PGL EL.	RT EOP
881.79	882.27	-2.00% (NC)	10+71.77	-2.00% (NC)	882.27	881.79
882.59	883.07	-2.00% (NC)	11+80.86	2.00% (RC)	883.07	883.55
882.55	883.32	-3.22% (SE)	12+14.02 (PC)	3.22% (SE)	883.32	884.12
882.49	883.64	-4.80% (SE)	12+57.22	4.80% (SE)	883.64	884.96
885.66	886.61	-4.80% (SE)	16+52.68	4.80% (SE)	886.61	888.34
886.07	886.84	-3.22% (SE)	16+95.88 (PT)	3.22% (SE)	886.84	888.00
886.39	886.90	-2.00% (NC)	17+29.04	2.00% (RC)	886.90	887.62
885.76	886.38	-2.00% (NC)	18+38.13	-2.00% (NC)	886.38	885.66

RANDALL/RAKOW ROAD COORDINATE TABLE			
DESCRIPTION	ALIGNMENT POINT	N	E
	PI 35+66.99	2015727.062	983834.096
BEGIN PROJECT	86+42.45	2015806.503	983763.609
	PT 90+86.28	2016239.382	983668.804
CURVE RAK 3	PC 99+58.00	2017068.994	983401.143
	PI 103+11.79	2017405.697	983292.512
	PT 106+25.88	2017715.518	983463.334
CURVE RAK 4	PC 110+47.98	2018085.154	983667.136
	PI 127+17.15	2019546.872	984473.064
	PT 140+73.51	2019574.215	986142.013

SIDE ROAD COORDINATE TABLE			
DESCRIPTION	ALIGNMENT POINT	N	E
BEGIN IMPROVEMENT	9+03.18	2017113.601	982292.553
END IMPROVEMENT	21+87.44	2017108.158	983576.816
BEGIN IMPROVEMENT	6+81.33	2018999.675	982986.374
CURVE MCH 2	PC 12+14.02	2018471.937	983058.862
	PI 14+73.99	2018214.381	983094.238
	PT 16+95.88	2018088.935	983321.943
END IMPROVEMENT	22+15.19	2017838.351	983776.792



SUPERELEVATION TRANSITIONS CURVE RAK 2						
LT EOP	PGL EL.	X-SLOPE	PROP ☉ STATION	X-SLOPE	PGL EL.	RT EOP
N/A	N/A	-2.00% (NC)	78+09.05	-2.00% (NC)	N/A	N/A
N/A	N/A	-2.00% (NC)	80+08.16	2.00% (RC)	N/A	N/A
N/A	N/A	-2.41% (SE)	80+28.67 (PC)	2.41% (SE)	N/A	N/A
N/A	N/A	-3.60% (SE)	80+87.81	3.60% (SE)	N/A	N/A
873.50	874.80	-3.60% (SE)	90+27.14	3.60% (SE)	874.80	875.80
874.55	875.42	-2.41% (SE)	90+86.28 (PT)	2.41% (SE)	875.42	876.16
874.98	875.70	-2.00% (NC)	91+06.79	2.00% (RC)	875.70	876.34
879.23	879.95	-2.00% (NC)	93+05.90	-2.00% (NC)	879.95	879.23

SUPERELEVATION TRANSITIONS CURVE RAK 3						
LT EOP	PGL EL.	X-SLOPE	PROP ☉ STATION	X-SLOPE	PGL EL.	RT EOP
891.73	892.45	-2.00% (NC)	97+37.35	-2.00% (NC)	892.45	891.43
897.49	896.66	2.00% (RC)	99+25.94	-2.00% (NC)	896.66	895.64
N/A	897.15	2.68% (SE)	99+58.00 (PC)	-2.68% (SE)	897.15	N/A
N/A	897.92	4.00% (SE)	100+20.24	-4.00% (SE)	897.92	N/A
895.55	894.27	4.00% (SE)	105+63.64	-4.00% (SE)	894.27	892.61
893.55	892.66	2.68% (SE)	106+25.88 (PT)	-2.68% (SE)	892.66	891.40
892.46	891.74	2.00% (RC)	106+57.94	-2.00% (NC)	891.74	890.72

SUPERELEVATION TRANSITIONS CURVE RAK 4						
LT EOP	PGL EL.	X-SLOPE	PROP ☉ STATION	X-SLOPE	PGL EL.	RT EOP
880.47	879.99	2.00% (RC)	110+11.14	-2.00% (NC)	879.99	879.27
879.64	878.92	2.68% (SE)	110+47.98 (PC)	-2.68% (SE)	878.92	877.96
878.28	877.08	4.00% (SE)	111+19.48	-4.00% (SE)	877.08	875.64
891.36	889.92	4.00% (SE)	140+02.01	-4.00% (SE)	889.92	888.90
891.93	890.49	2.68% (SE)	140+73.51 (PT)	-2.68% (SE)	890.49	889.53
891.46	890.74	2.00% (RC)	141+10.35	-2.00% (NC)	890.74	890.26
889.82	890.54	-2.00% (NC)	143+27.03	-2.00% (NC)	890.54	890.06

MATCH LINE STA. 145+00
SEE SHEET AL 2 OF 3

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SIDE ROAD COORDINATE TABLE				
	DESCRIPTION	ALIGNMENT POINT	N	E
PYOTT ROAD	CURVE PYT 2	PC 41+06.50	2018827.971	989182.323
	BEGIN IMPROVEMENT	41+67.35	2018880.195	989151.114
	CURVE PYT 2	PI 43+87.89	2019064.999	989030.494
		PT 46+54.71	2019346.471	989027.594
	CURVE PYT 3	PC 56+81.43	2020371.391	989017.783
VA. ROAD		PI 59+30.52	2020620.474	989016.102
	END IMPROVEMENT	61+35.94	2020818.472	988946.325
	CURVE PYT 3	PT 61+75.10	2020855.646	988934.005
	BEGIN IMPROVEMENT	39+99.75	2018937.604	991091.066
	END IMPROVEMENT	58+03.97	2020313.868	988924.403

PROP. CURVE PYT 3
 PI STA. = 59+30.52
 $\Delta = 18^\circ 51' 25''$ (LT)
 $D = 3^\circ 49' 11''$
 $R = 1,500.00'$
 $T = 249.09'$
 $L = 493.67'$
 $E = 20.54'$
 $e = 3.2\%$
 $T.R. = 55.33'$
 $S.E. RUN = 88.53'$
 $P.C. STA. = 56+81.43$
 $P.T. STA. = 61+75.10$

INTERSECTION COORDINATE TABLE		
STATION EQUATION	N	E
☉ RAKOW ROAD STA. 169+56.90 = ☉ PYOTT ROAD STA. 50+00.00	2019689.976	989022.381
☉ RAKOW ROAD STA. 183+79.02 = ☉ VIRGINIA ROAD STA. 50+00.00	2019700.597	990444.275
☉ RAKOW ROAD STA. 222+23.56 = ☉ PINGREE ROAD STA. 20+00.00	2019707.329	994288.724
☉ RAKOW ROAD STA. 248+58.13 = ☉ IL ROUTE 31 STA. 50+00.00	2019718.271	996923.223

MATCH LINE STA. 145+00
SEE SHEET AL 1 OF 3

SUPERELEVATION TRANSITIONS CURVE PYT 3						
LT EOP	PGL EL.	X-SLOPE	PROP ☉ STATION	X-SLOPE	PGL EL.	RT EOP
888.95	889.58	-2.00% (NC)	55+66.78	-2.00% (NC)	889.58	888.98
890.00	890.54	-2.00% (NC)	56+77.15	2.00% (RC)	890.54	891.08
890.03	890.56	-2.15% (SE)	56+81.43 (PC)	2.15% (SE)	890.56	891.09
889.88	890.70	-3.20% (SE)	57+10.65	3.20% (SE)	890.70	891.21
892.44	892.82	-3.20% (SE)	61+35.94 (END)	3.20% (SE)	892.82	893.20
N/A	N/A	-3.20% (SE)	61+45.88	3.20% (SE)	N/A	N/A
N/A	N/A	-2.15% (SE)	61+75.10 (PT)	2.15% (SE)	N/A	N/A
N/A	N/A	-2.00% (NC)	61+79.08	2.00% (RC)	N/A	N/A
N/A	N/A	-2.00% (NC)	62+89.75	-2.00% (NC)	N/A	N/A

PROP. CURVE RAK_5
 PI STA. = 154+91.35
 $\Delta = 2^\circ 42' 51''$ (LT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 236.91'$
 $L = 473.73'$
 $E = 2.81'$
 $e = NC$
 $P.C. STA. = 152+54.44$
 $P.T. STA. = 157+28.17$

PROP. CURVE PYT 2
 PI STA. = 43+87.89
 $\Delta = 28^\circ 29' 09''$ (RT)
 $D = 5^\circ 50' 47''$
 $R = 980.00'$
 $T = 248.76'$
 $L = 487.23'$
 $E = 31.08'$
 $e = 4.00\%$
 $T.R. = 84.00'$
 $S.E. RUN = 164.00'$
 $P.C. STA. = 41+06.50$
 $P.T. STA. = 46+54.71$

PROP. CURVE RAK 6
 PI STA. = 171+58.29
 $\Delta = 3^\circ 47' 46''$ (RT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 331.40'$
 $L = 662.55'$
 $E = 5.49'$
 $e = NC$
 $P.C. STA. = 168+26.89$
 $P.T. STA. = 174+89.45$

BEGIN IMPROVEMENT
 STA. 41+67.35

BEGIN IMPROVEMENT
 STA. 39+99.75

SUPERELEVATION TRANSITIONS CURVE PYS 2						
LT EOP	PGL EL.	X-SLOPE	PROP ☉ STATION	X-SLOPE	PGL EL.	RT EOP
N/A	N/A	-2.00% (NC)	39+09.94	-2.00% (NC)	N/A	N/A
N/A	N/A	2.00% (RC)	40+77.94	-2.00% (NC)	N/A	N/A
N/A	N/A	2.68% (SE)	41+06.50 (PC)	-2.68% (SE)	N/A	N/A
N/A	N/A	4.00% (SE)	41+67.35 (BEGIN)	-4.00% (SE)	882.91	882.19
N/A	882.91	4.00% (SE)	45+99.27	-4.00% (SE)	886.82	885.47
887.54	886.74	2.68% (SE)	46+54.71 (PT)	-2.68% (SE)	886.74	885.75
887.25	886.65	2.00% (RC)	46+83.27	-2.00% (NC)	886.65	885.88
885.52	886.12	-2.00% (NC)	48+51.27	-2.00% (NC)	886.12	885.28

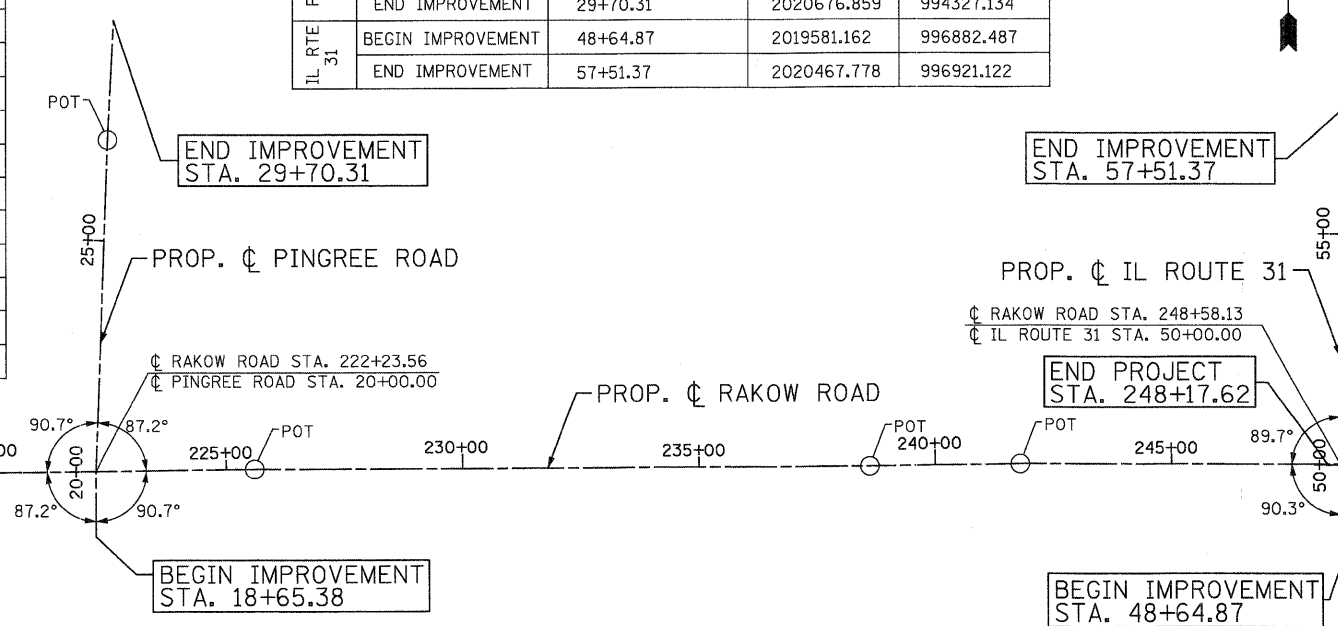
RAKOW ROAD COORDINATE TABLE			
DESCRIPTION	ALIGNMENT POINT	N	E
CURVE RAK 5	PC 152+54.44	2019593.560	987322.787
	PI 154+91.35	2019597.441	987559.663
	PT 157+28.17	2019612.535	987796.090
CURVE RAK 6	PC 168+26.89	2019682.536	988892.584
	PI 171+58.29	2019703.650	989223.308
	PT 174+89.45	2019702.821	989554.705
	POT 211+62.93	2019693.636	993228.182
	POT 225+59.65	2019711.668	994624.779
	POT 238+61.62	2019714.353	995926.750
	POT 241+80.00	2019719.386	996245.086
END PROJECT	248+17.62	2019718.338	996882.712

SIDE ROAD COORDINATE TABLE				
	DESCRIPTION	ALIGNMENT POINT	N	E
PINGREE ROAD	BEGIN IMPROVEMENT	18+65.38	2019572.708	994288.724
		POT 27+17.46	2020424.332	994314.352
	END IMPROVEMENT	29+70.31	2020676.859	994327.134
IL RTE 31	BEGIN IMPROVEMENT	48+64.87	2019581.162	996882.487
	END IMPROVEMENT	57+51.37	2020467.778	996921.122

END IMPROVEMENT
 STA. 29+70.31

END IMPROVEMENT
 STA. 57+51.37

MATCH LINE STA. 195+00



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 PLOT CONFIG = PDF(Grey, Large).plt
 PLOT SCALE = 1:200
 PLOT DATE = 7/28/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
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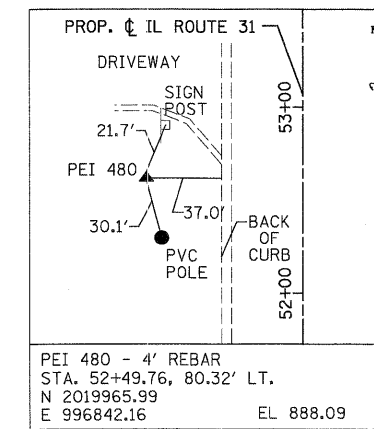
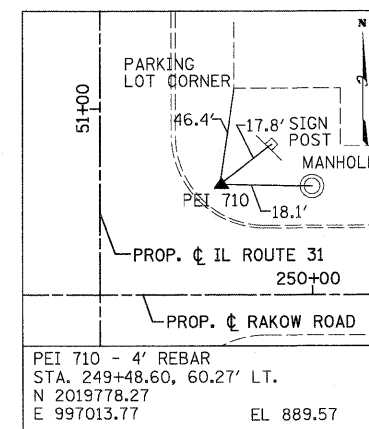
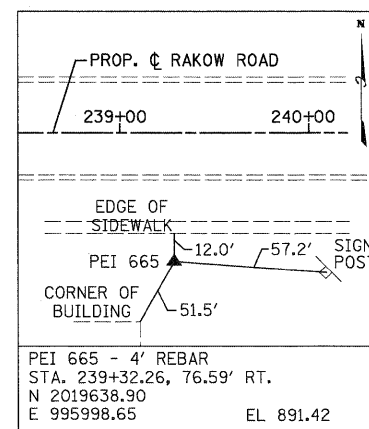
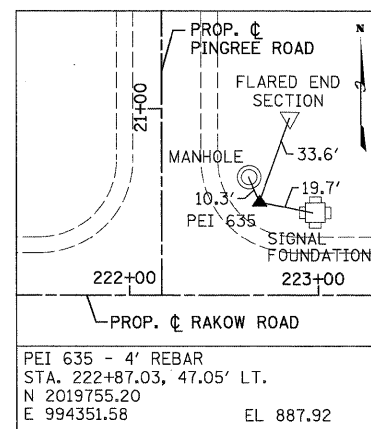
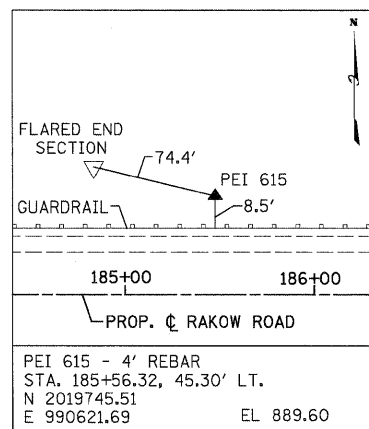
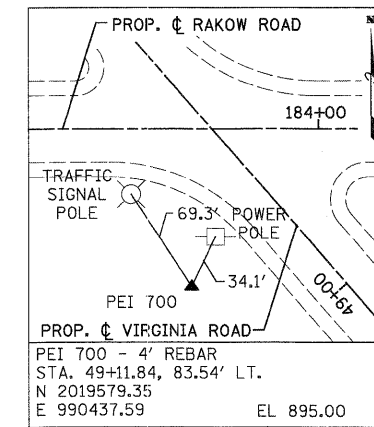
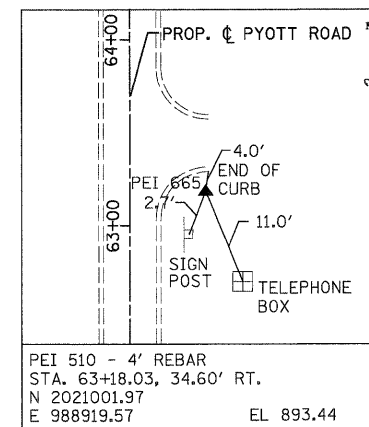
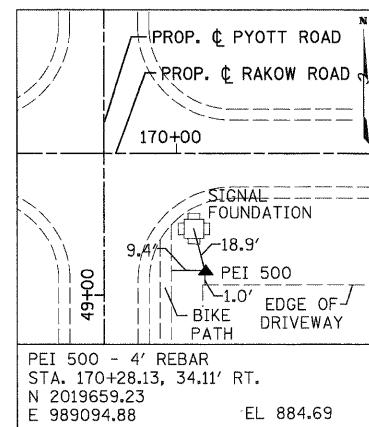
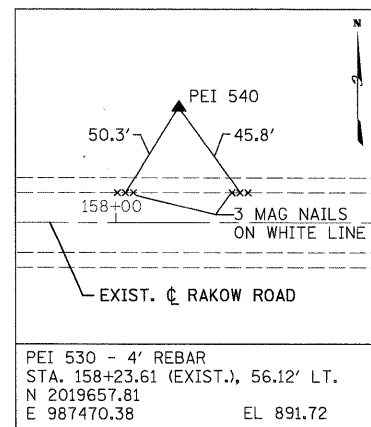
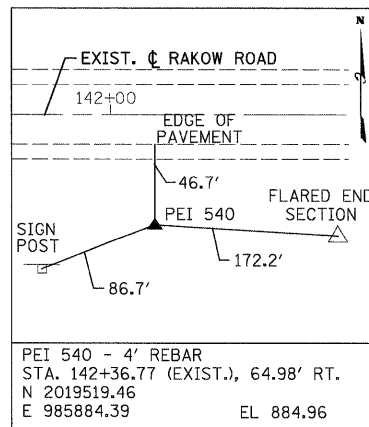
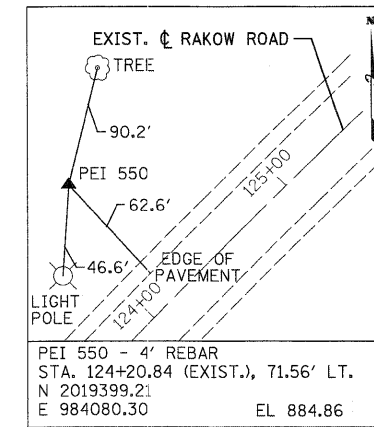
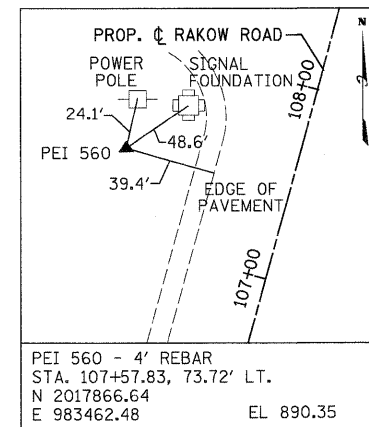
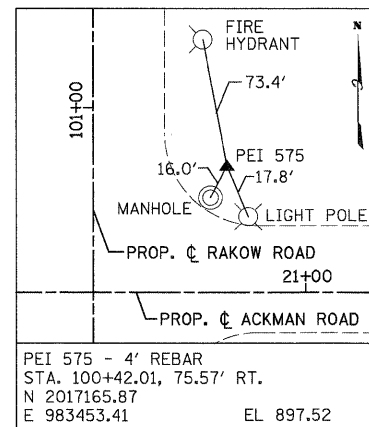
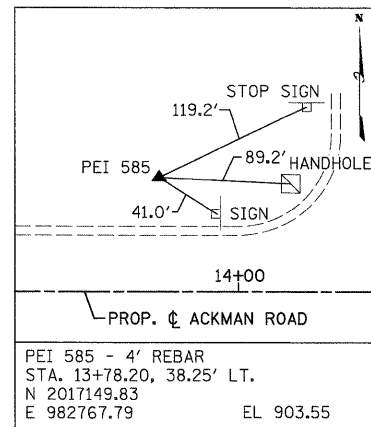
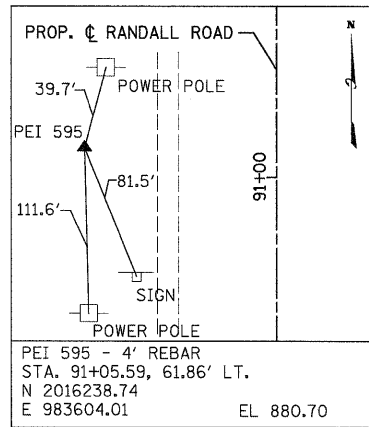


MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 RAKOW ROAD ALIGNMENT, TIES, & BENCHMARKS

SCALE: 1"=200' SHEET NO. ALI 2 OF 3 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 45
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		



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MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER AND THE COUNTY FOR APPROVAL.
2. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS.
3. CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE THROUGH LANE IN EACH DIRECTION THROUGHOUT THE PROJECT AREA AT ALL TIMES.
4. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES, APPROACHES, AND TEMPORARY ROADS WITHIN THE PROJECT LIMITS. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE), OR TEMPORARY ACCESS (ROAD).
5. VERTICAL PANELS SHALL BE PROVIDED AS SHOWN IN THE PLANS AND SPACED 50 FT CENTER TO CENTER.
6. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
7. THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
8. THE CONTRACTOR SHALL PLACE A CHANGEABLE MESSAGE SIGN AT THE BEGINNING OF THE PROJECT, THE WEST LEG OF ACKMAN ROAD, THE WEST LEG OF McHENRY AVENUE, THE NORTH AND SOUTH LEGS OF PYOTT ROAD, VIRGINIA ROAD, PINGREE ROAD, AND IL ROUTE 31, THE END OF THE PROJECT, AND ONE SIGN TO BE PLACED AT THE ENGINEER'S DISCRETION IN ORDER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACE TWO WEEKS BEFORE START OF CONSTRUCTION ACTIVITY. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGN".
9. THE CONTRACTOR SHALL PLACE "CAUTION NEW LANES OPEN" SIGNS AT EVERY ENTRANCE AND SIDE ROADS AT THE TIME OF OPENING NEW LANES TO TRAFFIC AND/OR AS DIRECTED BY THE ENGINEER. SEE TEMPORARY INFORMATION SIGN DETAIL FOR FURTHER INFORMATION.
10. THE CONTRACTOR SHALL PLACE "DRIVEWAY ENTRANCE" SIGNS AT EVERY COMMERCIAL ENTRANCE WITHIN THE PROJECT LIMITS WHERE ENTRANCE IS OBSTRUCTED DUE TO CONSTRUCTION AND/OR AS DIRECTED BY THE ENGINEER. SEE TEMPORARY INFORMATION SIGNS DETAIL FOR FURTHER INFORMATION.
11. ALL TEMPORARY INFORMATION SIGNS SHALL BE PAID FOR SEPARATELY AT THE UNIT PRICE PER SQUARE FOOT FOR "TEMPORARY INFORMATION SIGNING".
12. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
13. ALL TEMPORARY CONCRETE BARRIERS SHALL BE EQUIPPED WITH A 6 IN. PAINTED STRIPE, TYPE C REFLECTORS, AND A STEADY BURNING LIGHT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR "TEMPORARY CONCRETE BARRIER."
14. THE CONTRACTOR SHALL USE LEG EXTENSIONS FOR TYPE II BARRICADES OR PROVIDE A 2 FT WIDTH EARTH FILL PAD FOR DRUMS TO MEET MINIMUM BARRICADE HEIGHT (SEE STAGING TYPICAL CROSS SECTION SHEETS). THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION SPECIAL".
15. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.
16. THE REMOVAL OF ALL PAVEMENT MARKING ON IL ROUTE 31 PCC PAVEMENT THAT IS TO REMAIN IN PLACE MUST BE DONE USING WATER BLASTING WITH VACUUM RECOVERY, AND IT WILL BE PAID AS "PAVEMENT MARKING REMOVAL."
17. ALL TEMPORARY PAVEMENT MARKINGS PROPOSED WITHIN THE WORK AREA SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION PHASE CHANGE.
18. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

MAINTENANCE OF TRAFFIC GENERAL NOTES CONTINUED

19. ANY SAWCUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "PAVEMENT REMOVAL"
20. ALL DRAINAGE STRUCTURES THAT ARE REQUIRED TO BE INSTALLED IN THE PRE-STAGE TO MAINTAIN POSITIVE DRAINAGE AND ARE IN THE PROPOSED TEMPORARY PAVEMENT ARE REQUIRED TO BE ADJUSTED TO THE PROPOSED TEMPORARY PAVEMENT ELEVATION WITH A TYPE 1 FRAME, OPEN LID AND THEN ADJUSTED TO FINAL GRADE WITH THE PLAN FRAME AND GRATE ONCE THE TEMPORARY PAVEMENT IS REMOVED.
21. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

SEQUENCE OF CONSTRUCTION

PRE-STAGE

- CONSTRUCTION**
- (1) PREPARE THE SIGNALS AT THE INTERSECTIONS OF ACKMAN ROAD, McHENRY AVENUE, PYOTT ROAD, VIRGINIA ROAD, PINGREE ROAD, AND IL ROUTE 31 PER THE TEMPORARY SIGNAL PLANS.
 - (2) INSTALL PROPOSED MAINLINE DRAINAGE STRUCTURES AND STORM SEWER PER PLAN.
 - (3) IN ORDER TO COMPLETE THE MAINLINE STORM SEWER TO THE OUTLETS, IT IS ANTICIPATED THAT THE CONTRACTOR WILL HAVE TO PATCH THE EXISTING PAVEMENT AT SOME LOCATIONS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS D PATCHES OF THE TYPE AND THICKNESS SPECIFIED.
 - (4) PREPARE THE MAINLINE WESTBOUND SHOULDER AND INTERSECTIONS FOR STAGE 1 TRAFFIC WITH TEMPORARY PAVEMENT. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS.
 - (5) CONSTRUCT TEMPORARY PAVEMENT AT LOCATIONS SHOWN IN THE PLANS.
 - (6) REMOVE CONFLICTING EXISTING SIGNS LOCATED ALONG EASTBOUND AND WESTBOUND MAINLINE. RELOCATE EXISTING SIGNS AS NEEDED.
 - (7) REMOVE ALL EXISTING RAISED PAVEMENT MARKERS AND MARKINGS IN CONFLICT WITH MOT STRIPING.
 - (8) CONSTRUCT RETAINING WALL ALONG NORTH SIDE OF RAKOW ROAD EAST OF VIRGINIA ROAD.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN THE EXISTING TRAFFIC CONFIGURATION.
- (2) UTILIZE IDOT STANDARDS 701001, 701006, 701011, 701106, 701201, 701306, 701311, 701701, AND 701901

STAGE 1

- CONSTRUCTION**
- (1) PLACE STAGE 1 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC AND ACTIVATE SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTIONS OF ACKMAN ROAD, McHENRY AVENUE, PYOTT ROAD, VIRGINIA ROAD, PINGREE ROAD, AND IL ROUTE 31 PER THE TEMPORARY SIGNAL PLANS.
 - (2) CONSTRUCT THE PROPOSED EASTBOUND THRU LANES, RIGHT TURN LANES, AND SHOULDERS UP TO THE BINDER COURSE. CONSTRUCT THE OUTSIDE CURB AND GUTTER AND PARKWAY.
 - (3) CONSTRUCT DRAINAGE AND PARKWAY IMPROVEMENTS ALONG MAINLINE AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN TWO LANES OF TRAFFIC FROM PROJECT START TO STA. 111+14.00 IN SOUTHBOUND DIRECTION AND TWO LANES OF TRAFFIC TO STA. 114+78.23 IN NORTHBOUND DIRECTION AS SHOWN IN THE PLANS.
- (2) MAINTAIN ONE LANE OF TRAFFIC NORTH OF STA. 114+78.23 IN EACH DIRECTION AS SHOWN IN THE PLANS.
- (3) EAST AND WESTBOUND TRAFFIC WILL BE SHIFTED NORTH FOR STAGE 1 CONSTRUCTION AND WILL UTILIZE THE EXISTING PAVEMENT AND TEMPORARY PAVEMENT.

STAGE 1 SUBSTAGE 1

- CONSTRUCTION**
- (1) IT IS ANTICIPATED THAT THE CONTRACTOR SHALL KEEP ALL SIDESTREETS OPEN DURING THE CONSTRUCTION OF THE EASTBOUND THRU LANES AND ALL OF THE SIDESTREETS.
 - (2) CONSTRUCT THE SOUTHEAST QUADRANTS OF ACKMAN ROAD, McHENRY AVENUE, AND PYOTT ROAD. CONSTRUCT THE SOUTHWEST QUADRANTS OF VIRGINIA ROAD, AND PINGREE ROAD. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN TWO LANES OF TRAFFIC UNTIL THE CURVE IN EACH DIRECTION AS SHOWN IN THE PLANS.

STAGE 1 SUBSTAGE 2

- CONSTRUCTION**
- (1) CONSTRUCT THE WESTBOUND APPROACHES OF ACKMAN ROAD AND McHENRY AVENUE. CONSTRUCT THE NORTHBOUND APPROACHES OF PYOTT ROAD, VIRGINIA ROAD, AND PINGREE ROAD. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN TWO LANES OF TRAFFIC UNTIL THE CURVE IN EACH DIRECTION AS SHOWN IN THE PLANS.

STAGE 1 SUBSTAGE 3

- CONSTRUCTION**
- (1) CONSTRUCT THE NORTHEAST QUADRANTS OF ACKMAN ROAD AND McHENRY ROAD. CONSTRUCT THE SOUTHWEST QUADRANT OF PYOTT ROAD. CONSTRUCT THE SOUTHEAST QUADRANTS OF VIRGINIA ROAD AND PINGREE ROAD. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN TWO LANES OF TRAFFIC UNTIL THE CURVE IN EACH DIRECTION AS SHOWN IN THE PLANS.

SEQUENCE OF CONSTRUCTION CONTINUED

STAGE 1D, SUBSTAGES D1, D2, D3

- CONSTRUCTION**
- (1) CONSTRUCT THE PROPOSED NORTHBOUND AND SOUTHBOUND LEFT TURN LANES UP TO THE BINDER COURSE AT THE INTERSECTIONS OF ACKMAN ROAD, McHENRY AVENUE, AND PYOTT ROAD.
 - (2) DRAINAGE IMPROVEMENTS ALONG MAINLINE AT LOCATIONS SHOWN IN THE PLANS.
- MAINTENANCE OF TRAFFIC**
- (1) MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION FROM PROJECT START UNTIL THE CURVE AS SHOWN IN THE PLANS.
 - (2) MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AFTER THE CURVE AS SHOWN IN PLANS.
 - (3) WESTBOUND TRAFFIC WILL BE SHIFTED FROM THE LANE CONFIGURATION USED IN STAGE 2 TO THE LANE CONFIGURATION USED IN STAGE 1, STARTING AT STA. 180+32.34 AS SHOWN IN PLANS.

STAGE 2

- CONSTRUCTION**
- (1) PLACE STAGE 2 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTIONS OF ACKMAN ROAD, McHENRY AVENUE, PYOTT ROAD, VIRGINIA ROAD, PINGREE ROAD, AND IL ROUTE 31 PER THE TEMPORARY SIGNAL PLANS.
 - (2) CONSTRUCT THE PROPOSED WESTBOUND THRU LANES, RT TURN LANES, AND SHOULDERS UP TO THE BINDER COURSE. CONSTRUCT THE OUTSIDE CURB AND GUTTER AND PARKWAY. CONSTRUCT DRAINAGE AND PARKWAY IMPROVEMENTS ALONG MAINLINE AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION FROM PROJECT START UNTIL THE CURVE AS SHOWN IN THE PLANS.
- (2) MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AFTER THE CURVE AS SHOWN IN PLANS.
- (3) EAST AND WESTBOUND TRAFFIC WILL BE SHIFTED SOUTH ONTO THE NEWLY CONSTRUCTED PAVEMENT FROM STAGE 1. TRAFFIC WILL UTILIZE THE NEW PAVEMENT AND TEMPORARY PAVEMENT AS SHOWN IN THE PLANS.

STAGE 2 SUBSTAGE 1

- CONSTRUCTION**
- (1) CONSTRUCT THE NORTHWEST QUADRANTS OF ACKMAN ROAD, McHENRY ROAD, AND IL ROUTE 31. CONSTRUCT THE NORTHEAST QUADRANTS OF PYOTT ROAD, VIRGINIA ROAD, AND PINGREE ROAD. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.
 - (2) CONSTRUCT THE NOISE WALL AT THE NORTHWEST QUADRANT OF ACKMAN ROAD.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN TWO LANES OF TRAFFIC UNTIL THE CURVE IN EACH DIRECTION AS SHOWN IN PLANS.

STAGE 2 SUBSTAGE 2

- CONSTRUCTION**
- (1) CONSTRUCT THE EASTBOUND APPROACHES OF ACKMAN ROAD AND McHENRY AVENUE. CONSTRUCT THE SOUTHBOUND APPROACHES OF PYOTT ROAD, VIRGINIA ROAD, AND PINGREE ROAD. CONSTRUCT THE NORTHWEST QUADRANT OF IL ROUTE 31. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN TWO LANES OF TRAFFIC UNTIL THE CURVE IN EACH DIRECTION AS SHOWN IN PLANS.

STAGE 2 SUBSTAGE 3

- CONSTRUCTION**
- (1) CONSTRUCT THE SOUTHWEST QUADRANTS OF ACKMAN ROAD AND McHENRY ROAD. CONSTRUCT THE NORTHWEST QUADRANTS OF PYOTT ROAD, VIRGINIA ROAD, PINGREE ROAD, AND IL ROUTE 31. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN TWO LANES OF TRAFFIC UNTIL THE CURVE IN EACH DIRECTION AS SHOWN IN PLANS.

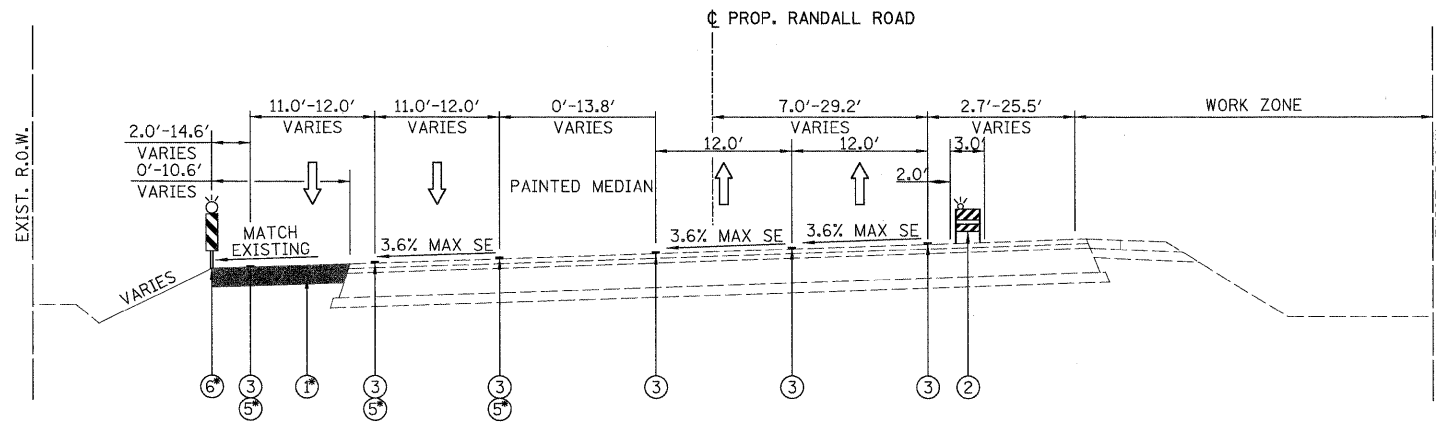
STAGE 3

- CONSTRUCTION**
- (1) FINISH CONSTRUCTION OF THE REMAINING LEFT TURN LANES. FINISH CONSTRUCTION OF THE MEDIAN, AND MEDIAN CURB AND GUTTER.
 - (2) PAVE THE HOT MIX ASPHALT BINDER AND SURFACE COURSE.
 - (3) INSTALL PERMANENT PAVEMENT MARKINGS, RAISED PAVEMENT REFLECTORS AND LANDSCAPING.
 - (4) COMPLETE THE INSTALLATION OF PROPOSED TRAFFIC SIGNALS AT THE INTERSECTIONS OF ACKMAN ROAD, McHENRY AVENUE, PYOTT ROAD, VIRGINIA ROAD, PINGREE ROAD, AND IL ROUTE 31.
 - (5) REMOVE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTIONS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN TWO LANES OF TRAFFIC IN NB DIRECTION FROM PROJECT START UNTIL THE CURVE AS SHOWN IN THE PLANS.
- (2) MAINTAIN TWO LANES OF TRAFFIC IN SB DIRECTION FROM PROJECT START UNTIL PYOTT ROAD AS SHOWN IN THE PLANS.

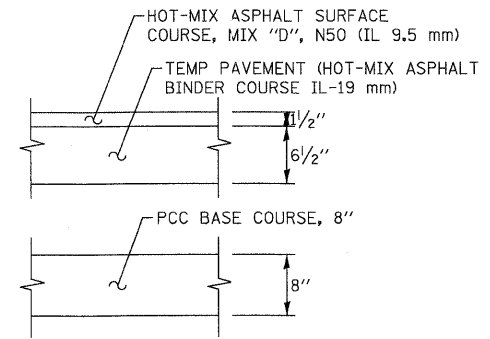
	USER NAME = Rduy_Lis1e	DESIGNED - MJV	REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL GENERAL NOTES AND SEQUENCE OF CONSTRUCTION			F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 47
	PLOT CONFIG= PDF(Greg_Large).plt	DRAWN - EJB	REVISED -		SCALE: NA	SHEET NO. MOT 1 OF 100	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT	CONTRACT NO. 63398		
	PLOT SCALE = 1:50	CHECKED - JAH	REVISED -									
	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -									



RANDALL ROAD STAGE 1
 STA. 86+42.45 TO STA. 92+83.99
 ①⑥ - FROM STA. 90+04.27 TO STA. 92+83.99
 ⑤ - FROM STA. 86+42.45 TO STA. 89+30.33

TEMPORARY PAVEMENT DETAILS

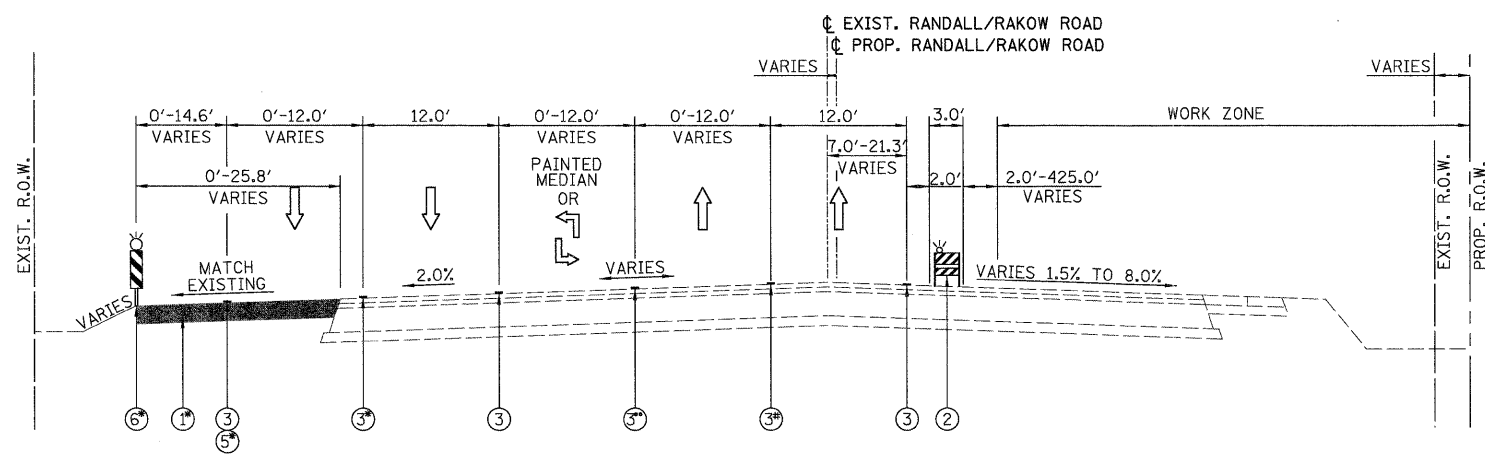
(CONTRACTOR HAS THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT)



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	PAY CODE NO	UNIT	AIR VOIDS @ NDES
TEMPORARY PAVEMENT			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	X0712<00	SQ YD	4% @ 50 GYR.
TEMP PAVEMENT (HOT-MIX ASPHALT BINDER COURSE IL-19 mm)			4% @ 50 GYR.

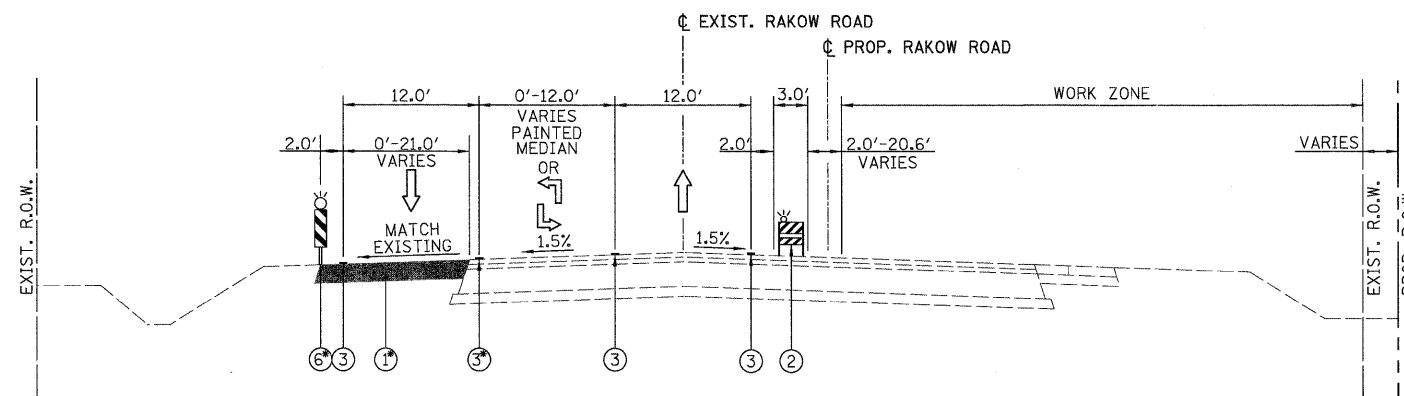
- NOTES:**
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



RANDALL/RAKOW ROAD STAGE 1
 STA. 92+83.99 TO STA. 120+65.99
 ①⑥ - FROM STA. 92+83.99 TO STA. 112+68.49
 ③ - FROM STA. 92+83.99 TO STA. 111+13.10
 ⑤ - FROM STA. 112+34.05 TO STA. 120+65.99
 ④ - FROM STA. 86+42.45 TO STA. 89+30.33
 ③ - FROM STA. 92+83.99 TO STA. 114+55.35

- LEGEND:**
- ① - TEMPORARY PAVEMENT, 8"
 - ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
 - ③ - THERMOPLASTIC PAVEMENT MARKING
 - ④ - PAVEMENT MARKING TAPE, TY. III
 - ⑤ - EXISTING PAVEMENT MARKING
 - ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

- NOTES**
- SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
 - SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



RAKOW ROAD STAGE 1

STA. 138+29.98 TO STA. 169+57.92

(1)(6) - FROM STA. 138+29.98 TO STA. 161+08.45

(3) - FROM STA. 161+96.30 TO STA. 169+57.92

STA. 174+73.40 TO STA. 247+80.00

(1)(6) - FROM STA. 176+23.06 TO STA. 209+37.35

- FROM STA. 210+81.06 TO STA. 211+38.53

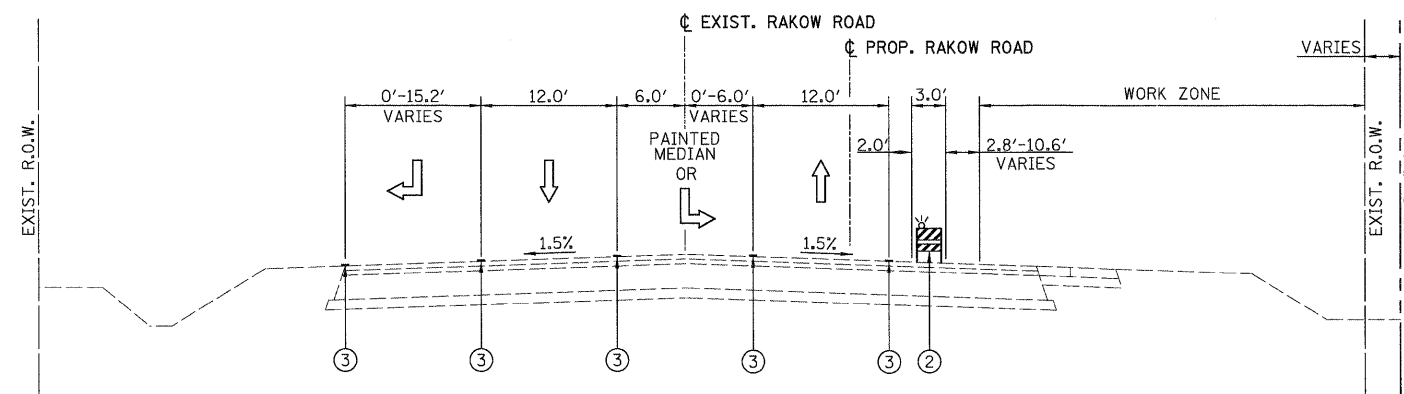
- FROM STA. 212+42.70 TO STA. 214+13.82

- FROM STA. 214+75.44 TO STA. 247+63.47

(3) - FROM STA. 174+73.40 TO STA. 176+23.06

- FROM STA. 178+48.38 TO STA. 190+54.22

- FROM STA. 215+94.03 TO STA. 241+08.67



RAKOW ROAD STAGE 1

STA. 169+57.92 TO STA. 174+73.40

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



USER NAME = Rdwj.Lisle	DESIGNED - MJV	REVISED -
PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - MJV	REVISED -
PLOT SCALE = 1:8.33333	CHECKED - JAH	REVISED -
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -

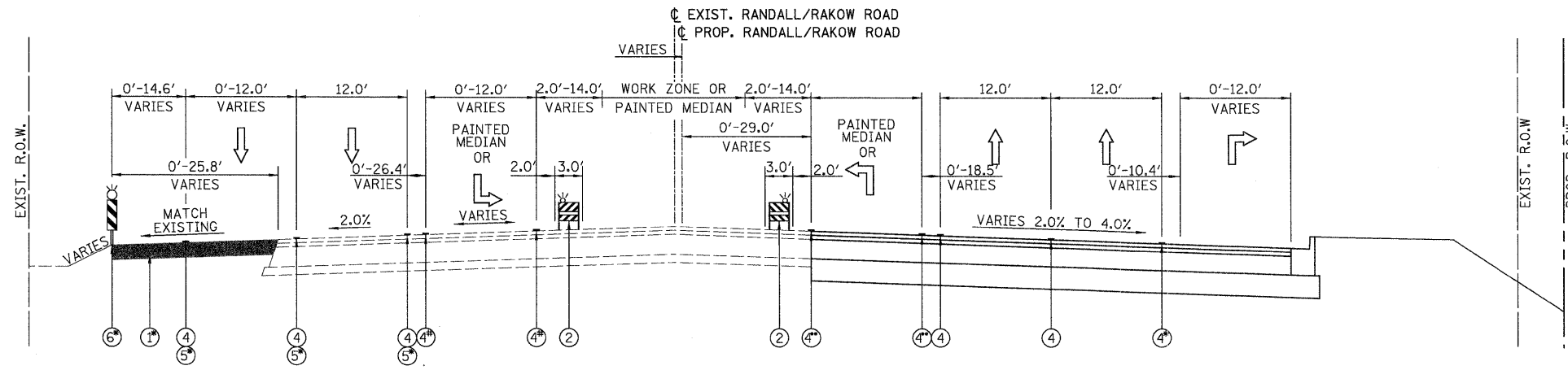


**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
RAKOW ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

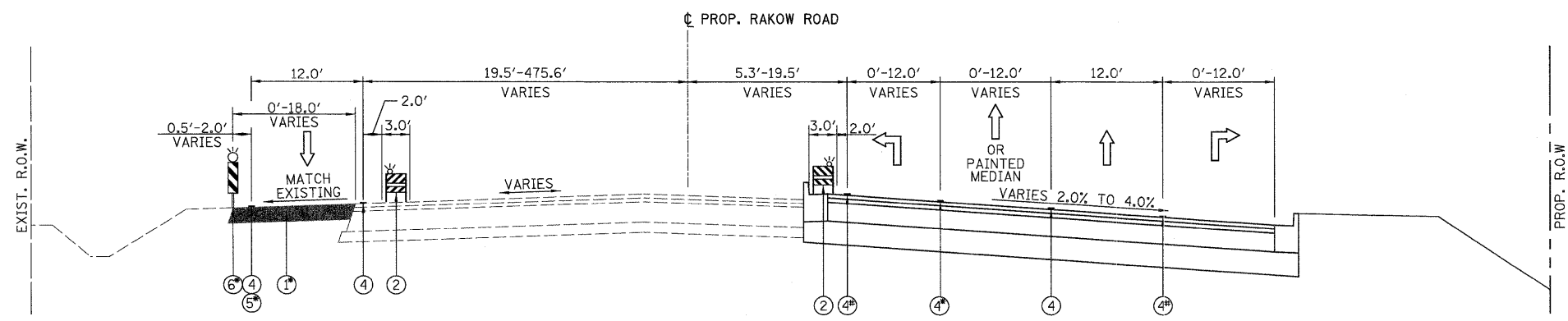
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F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 49
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	



RANDALL/RAKOW ROAD STAGE 1D
 STA. 86+42.45 TO STA. 112+68.49

- ①⑥ - FROM STA. 90+04.27 TO STA. 112+68.49
- ④ - FROM STA. 89+48.27 TO STA. 94+73.27
- FROM STA. 94+96.87 TO STA. 98+94.93
- FROM STA. 104+18.71 TO STA. 108+16.42
- ⑤ - FROM STA. 86+42.45 TO STA. 89+30.33
- ④ - FROM STA. 94+96.87 TO STA. 99+25.01
- FROM STA. 104+18.74 TO STA. 108+16.55
- ④ - FROM STA. 100+54.76 TO STA. 105+84.33



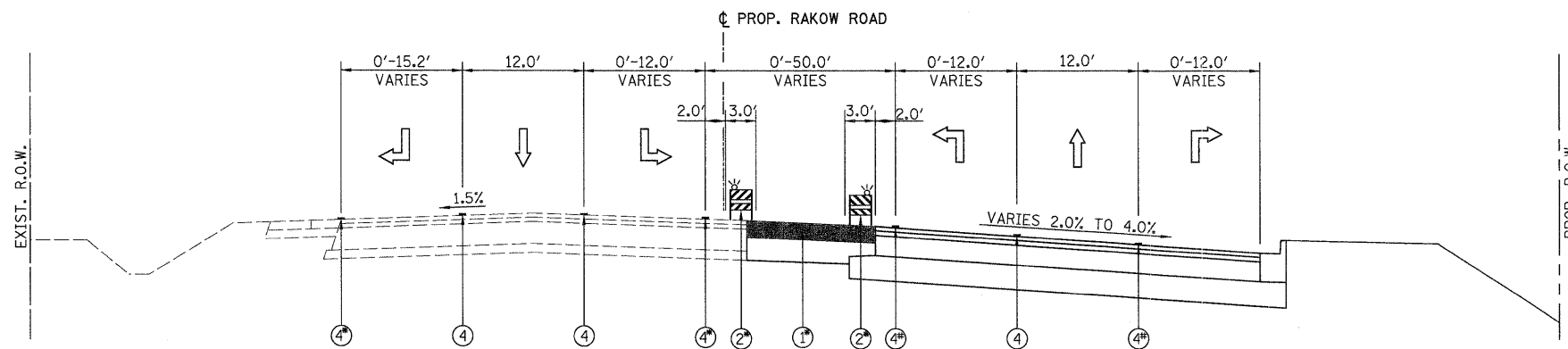
RAKOW ROAD STAGE 1D
 STA. 112+68.49 TO STA. 169+58.58

- ①⑥ - FROM STA. 138+29.77 TO STA. 161+08.57
- ④ - FROM STA. 112+68.49 TO STA. 115+00.00
- FROM STA. 164+71.47 TO STA. 168+67.48
- ⑤ - FROM STA. 112+68.49 TO STA. 138+28.61
- ④ - FROM STA. 162+71.59 TO STA. 168+70.27
- (NO LEFT TURN LANE IN STAGE 1D SUBSTAGE 1)

- LEGEND:**
- ① - TEMPORARY PAVEMENT, 8"
 - ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
 - ③ - THERMOPLASTIC PAVEMENT MARKING
 - ④ - PAVEMENT MARKING TAPE, TY. III
 - ⑤ - EXISTING PAVEMENT MARKING
 - ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

- NOTES**
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
 2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

PATRICK ENGINEERING INC. LISLE, ILLINOIS	USER NAME = Rdky_Lisle PLOT CONFIG = PDF(Gray_Large).plt PLOT SCALE = 1:8,33333 PLOT DATE = 7/29/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 RAKOW ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY TOTAL SHEETS 606 SHEET NO. 50	CONTRACT NO. 63398
	SCALE: N/A SHEET NO. MOT 4 OF 100 STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



RAKOW ROAD STAGE 1D
 STA. 169+58.58 TO STA. 180+82.34
 ① - FROM STA. 178+64.47 TO STA. 180+60.19
 ② - FROM STA. 169+58.58 TO STA. 179+58.75
 ④ - FROM STA. 171+53.67 TO STA. 173+49.97
 (NO LEFT TURN LANE IN STAGE 1D SUBSTAGE 2)
 ④ - FROM STA. 178+82.28 TO STA. 180+82.34

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



USER NAME = Rdky.Lisle	DESIGNED - MJV	REVISED -
PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - MJV	REVISED -
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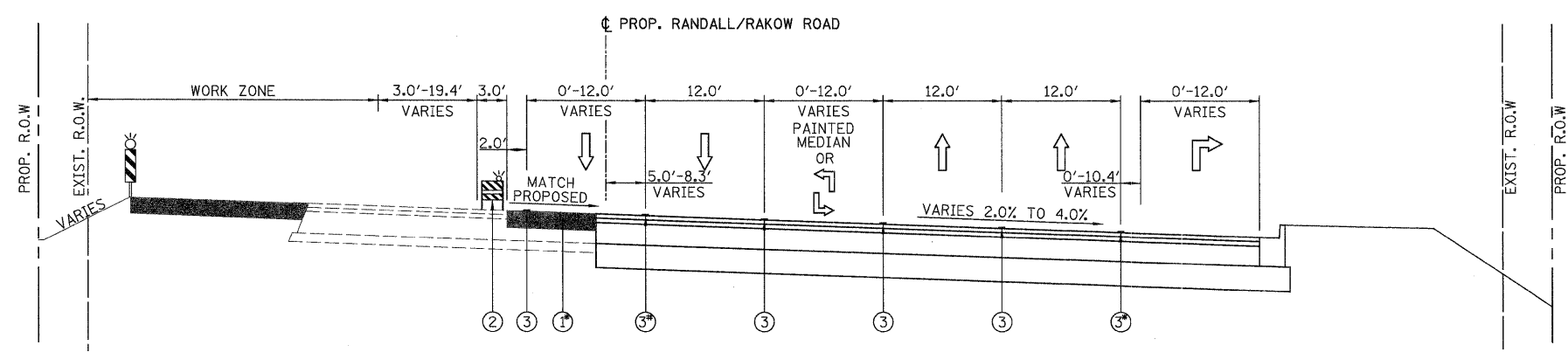


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 RAKOW ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A	SHEET NO. MOT 5 OF 100	STA. TO STA.
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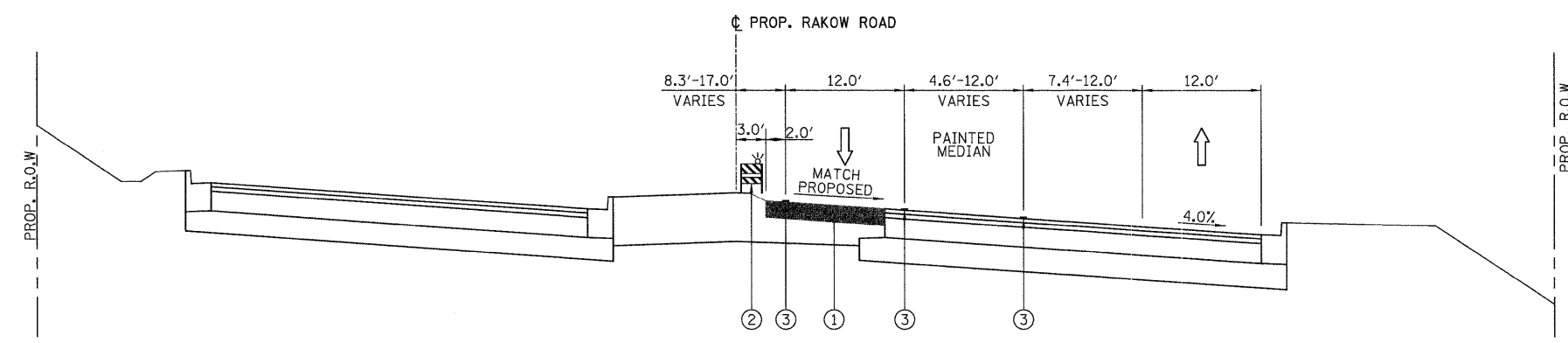
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		



RANDALL/RAKOW ROAD STAGE 2

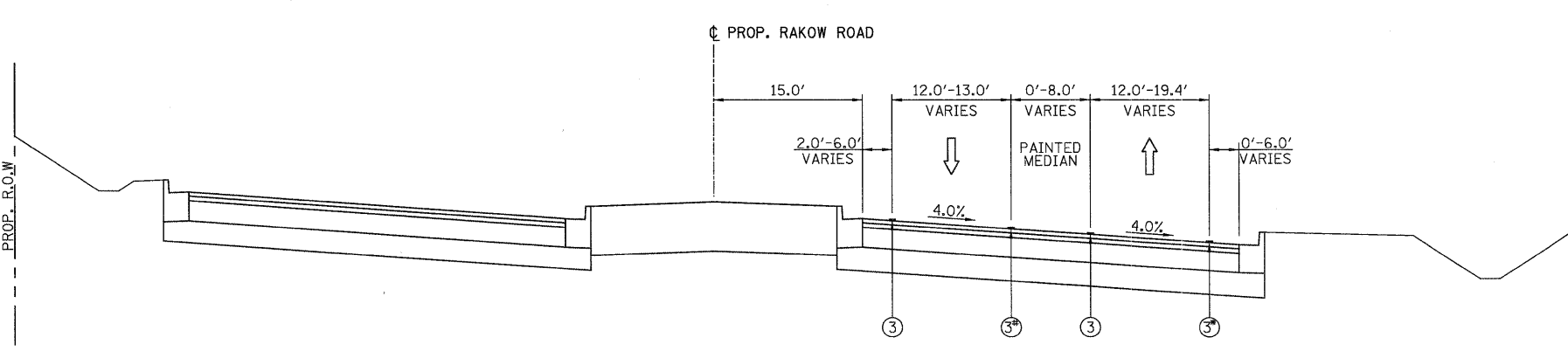
STA. 86+42.45 TO STA. 114+37.02

- ① - FROM STA. 91+98.27 TO STA. 95+25.27
- FROM STA. 100+87.60 TO STA. 104+28.57
- FROM STA. 109+64.70 TO STA. 114+37.02
- ③ - FROM STA. 89+48.27 TO STA. 94+73.27
- FROM STA. 94+96.87 TO STA. 98+94.93
- FROM STA. 104+18.71 TO STA. 108+16.42
- ③ - FROM STA. 86+42.45 TO STA. 111+71.59



RAKOW ROAD STAGE 2

STA. 114+37.21 TO STA. 117+31.80



RAKOW ROAD STAGE 2

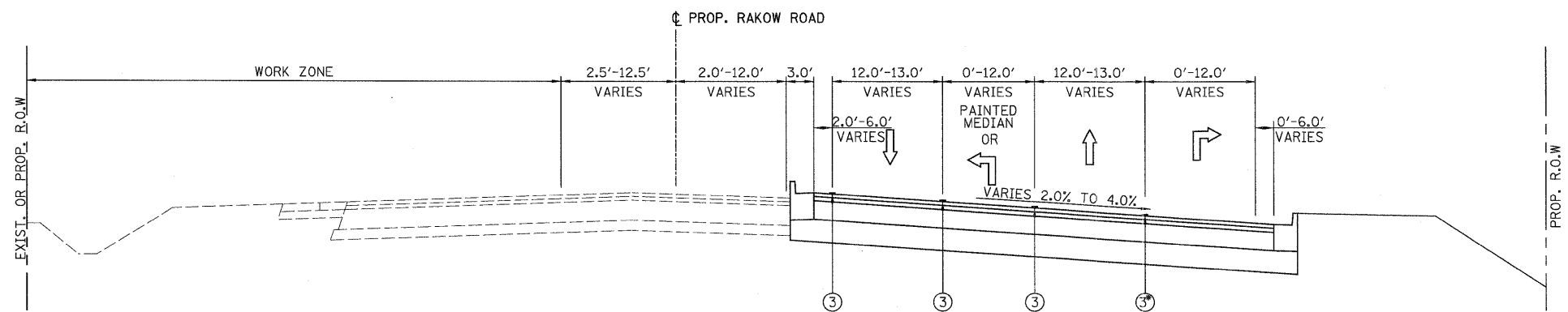
STA. 117+31.80 TO STA. 135+08.10

- ③ - FROM STA. 125+00.49 TO STA. 135+08.10
- ③ - FROM STA. 126+75.00 TO STA. 135+08.10

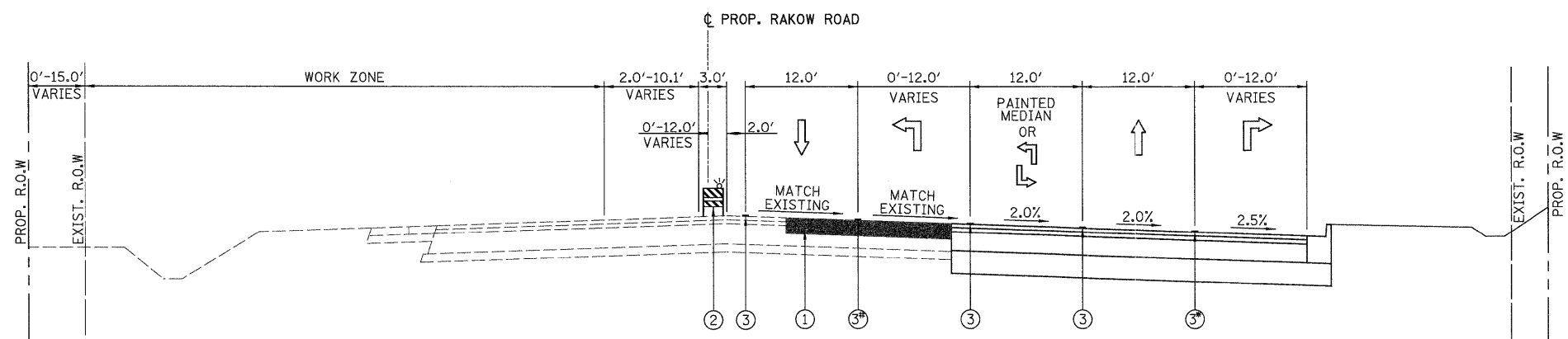
- LEGEND:**
- ① - TEMPORARY PAVEMENT, 8"
 - ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
 - ③ - THERMOPLASTIC PAVEMENT MARKING
 - ④ - PAVEMENT MARKING TAPE, TY. III
 - ⑤ - EXISTING PAVEMENT MARKING
 - ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

- NOTES**
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
 2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

	USER NAME = Rdw.Lisle	DESIGNED - MJV	REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 RAKOW ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS			F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 52
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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -										



RAKOW ROAD STAGE 2
 STA. 135+08.10 TO STA. 169+58.58
 (3) - FROM STA. 162+71.47 TO STA. 169+58.58
 STA. 180+82.28 TO STA. 183+79.02
 (3) - FROM STA. 180+82.28 TO STA. 182+96.10
 STA. 190+84.07 TO STA. 216+54.77



RAKOW ROAD STAGE 2
 STA. 169+58.58 TO STA. 180+82.28
 (3) - FROM STA. 178+82.28 TO STA. 180+82.28
 STA. 183+79.02 TO STA. 190+84.07
 STA. 216+54.77 TO STA. 248+58.13
 (3) - FROM STA. 216+54.77 TO STA. 221+64.60
 - FROM STA. 227+53.61 TO STA. 231+53.61
 - FROM STA. 243+44.89 TO STA. 247+80.00
 (3) - FROM STA. 241+03.76 TO STA. 247+80.00

LEGEND:

- (1) - TEMPORARY PAVEMENT, 8"
- (2) - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- (3) - THERMOPLASTIC PAVEMENT MARKING
- (4) - PAVEMENT MARKING TAPE, TY. III
- (5) - EXISTING PAVEMENT MARKING
- (6) - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



USER NAME = Rdwj.Lisle	DESIGNED - MJV	REVISED -
PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - MJV	REVISED -
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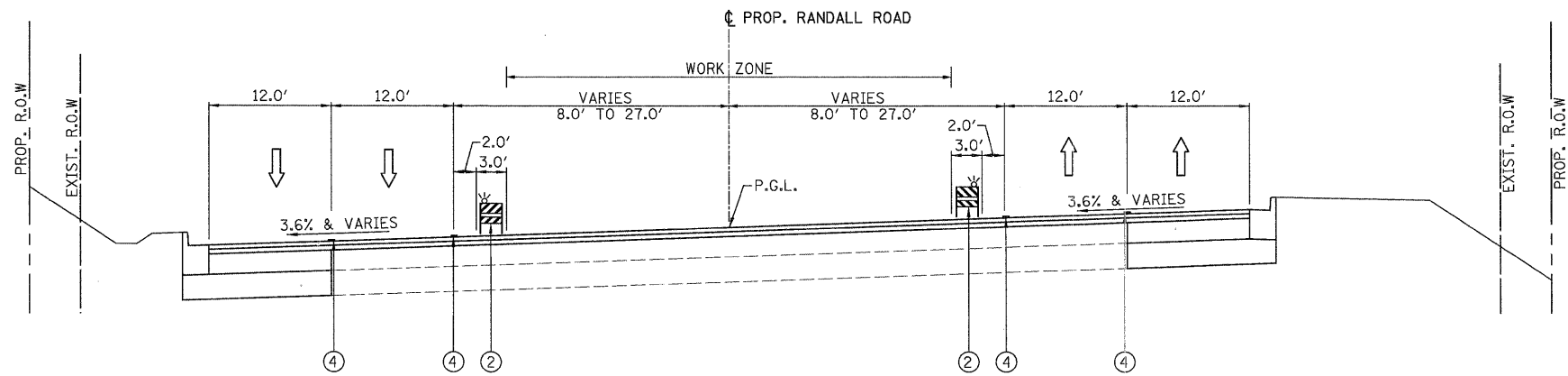


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

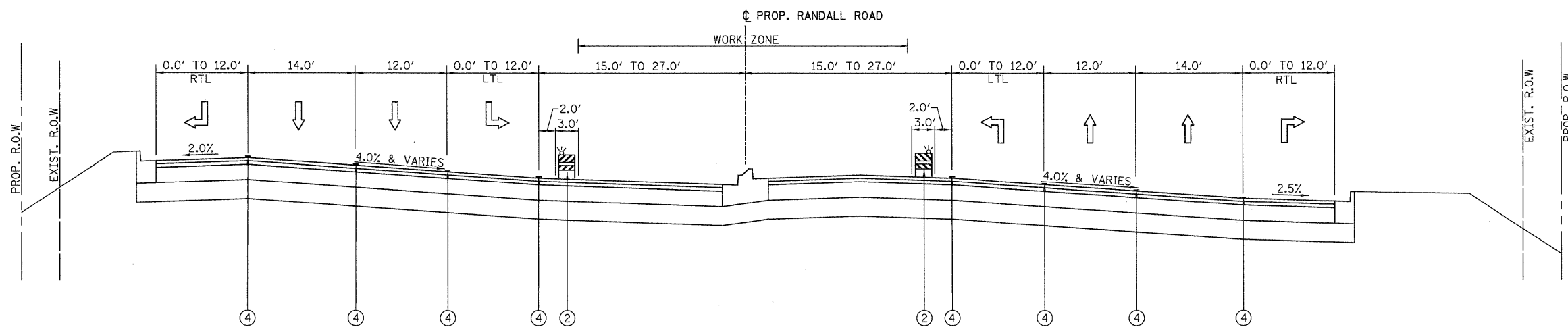
**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 RAKOW ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 7 OF 100 STA. TO STA.

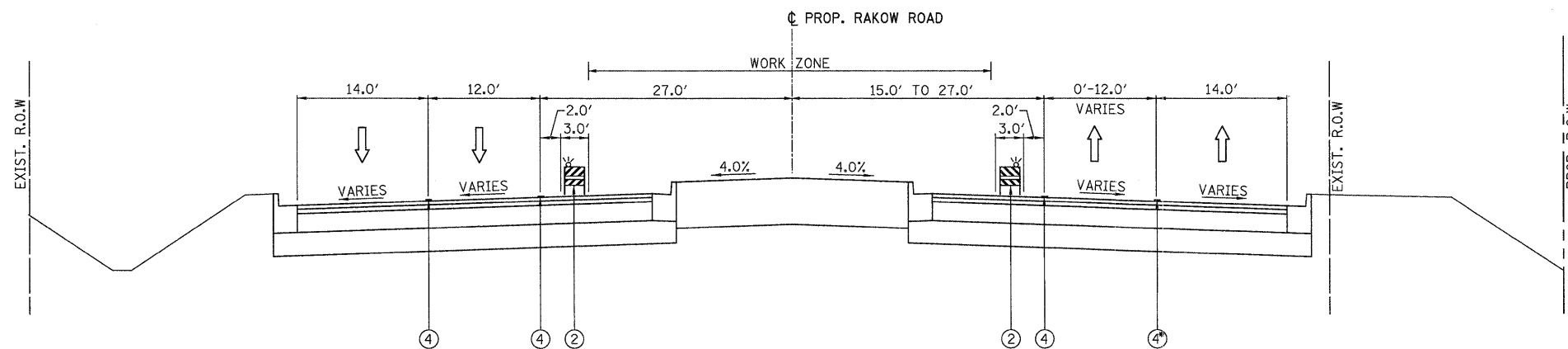
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 53
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		



RANDALL ROAD STAGE 3
STA. 86+42.45 TO STA. 92+13.27



RANDALL ROAD STAGE 3
STA. 92+13.27 TO STA. 114+82.23



RAKOW ROAD STAGE 3
STA. 114+82.23 TO STA. 162+71.59
④ - FROM STA. 114+82.23 TO STA. 115+00.00

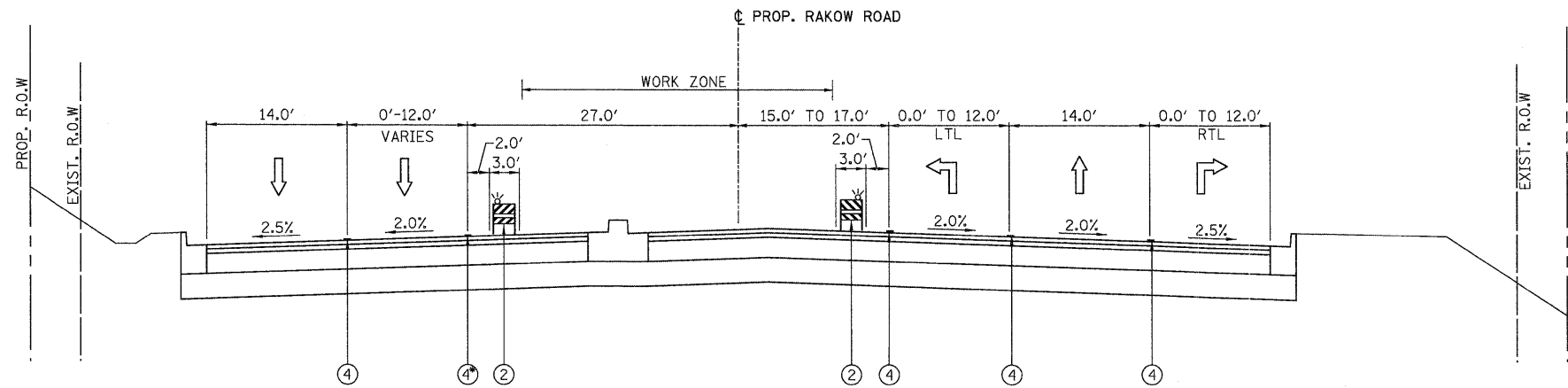
LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

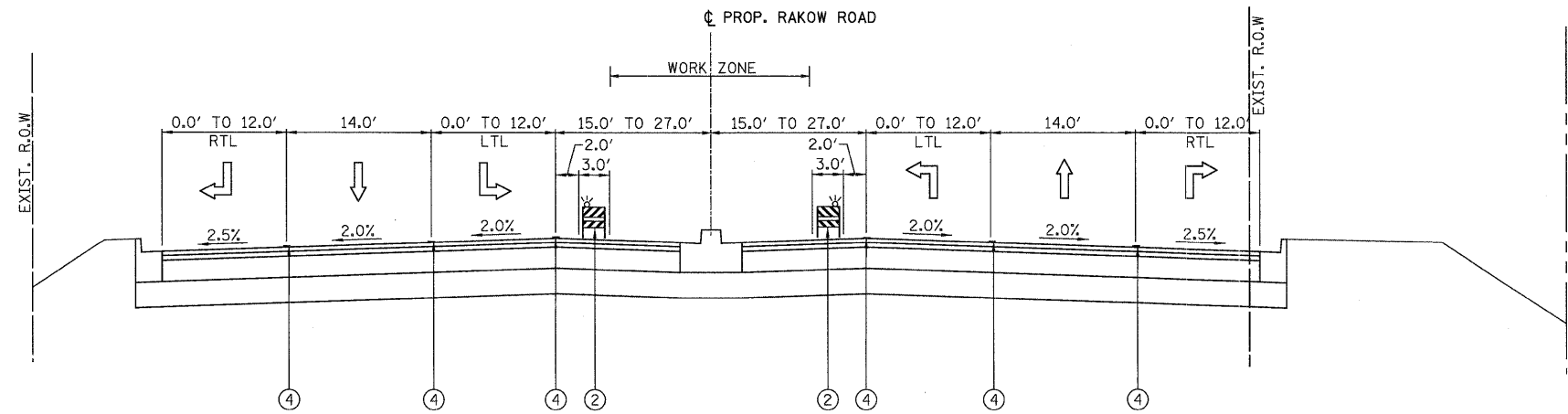
NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

	USER NAME = Rdky_Lisle	DESIGNED - MJV	REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 RAKOW ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS			F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 54
	PLOT CONFID= PDFtoGray_Large.plt	DRAWN - MJV	REVISED -					SCALE: N/A	SHEET NO. MOT 8 OF 100	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 63398
PLOT SCALE = 1:8,33333	CHECKED - JAH	REVISED -	REVISED -									
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -	REVISED -									



RAKOW ROAD STAGE 3
 STA. 162+71.59 TO STA. 168+71.77
 (4) - FROM STA. 162+71.59 TO STA. 164+70.60
 STA. 237+65.06 TO STA. 248+17.92



RAKOW ROAD STAGE 3
 STA. 170+22.28 TO STA. 237+65.06

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



USER NAME = Rdwy_Lisle	DESIGNED - MJV	REVISED -
PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - MJV	REVISED -
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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -

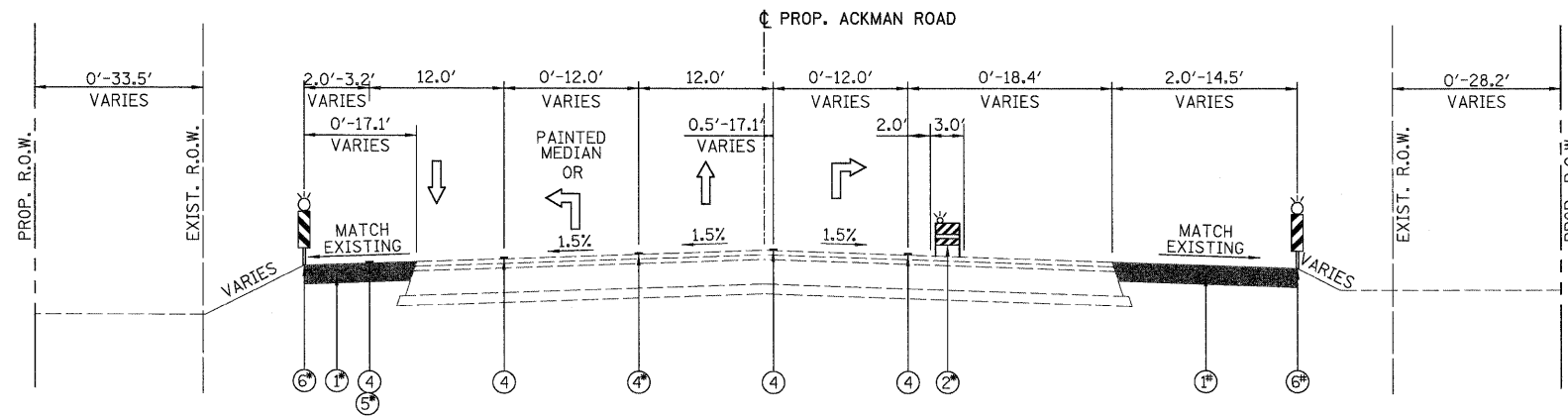


MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
RAKOW ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

SCALE: N/A	SHEET NO. MOT 9 OF 100	STA. TO STA.
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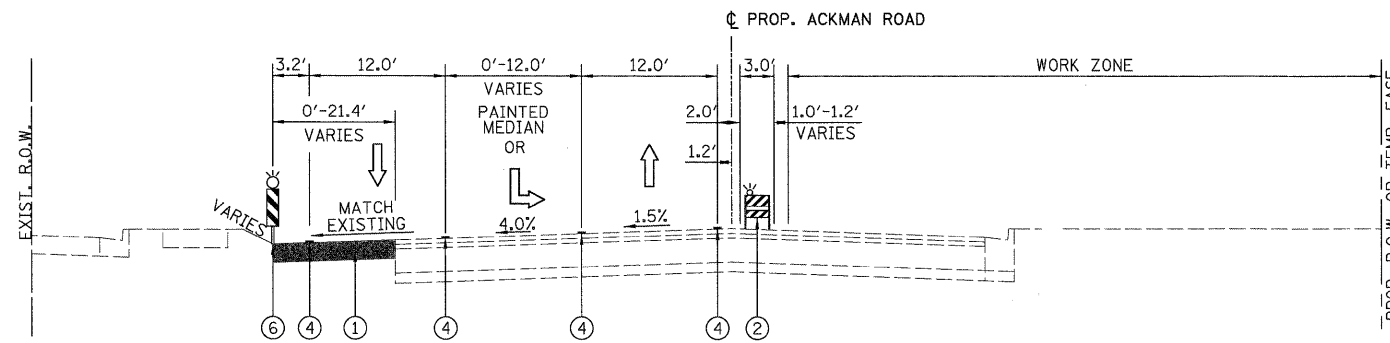
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		



ACKMAN ROAD STAGE 1 SUBSTAGE A STAGE 1D SUBSTAGE 3

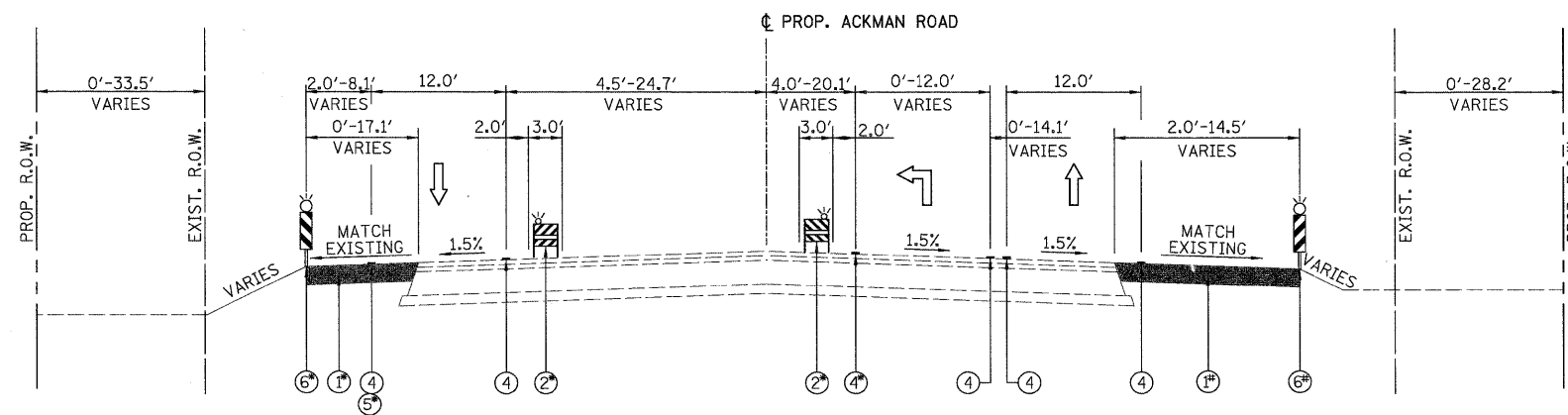
STA. 7+81.22 TO STA. 20+00.00

- ⑤ - FROM STA. 9+13.28 TO STA. 11+62.68
- ①⑥ - FROM STA. 16+39.47 TO STA. 19+12.97
- ①⑥② - FROM STA. 7+81.22 TO STA. 14+89.91
- ② - FROM STA. 15+44.13 TO STA. 19+88.06
- ② - FROM STA. 9+02.11 TO STA. 14+60.11
- ② - FROM STA. 15+73.45 TO STA. 19+88.06
- ④ - FROM STA. 9+08.59 TO STA. 11+48.31
- ④ - FROM STA. 15+70.02 TO STA. 19+16.50



ACKMAN ROAD STAGE 1 SUBSTAGE A STAGE 1D SUBSTAGE 3

STA. 20+00.00 TO STA. 23+34.97



ACKMAN ROAD STAGE 1 SUBSTAGE B AND STAGE 1D SUBSTAGE 2

STA. 7+81.22 TO STA. 20+00.00

- ⑤ - FROM STA. 9+13.28 TO STA. 11+62.68
- ①⑥ - FROM STA. 16+39.47 TO STA. 19+12.97
- ①⑥② - FROM STA. 7+81.22 TO STA. 14+89.91
- ② - FROM STA. 15+44.13 TO STA. 19+88.06
- ② - FROM STA. 14+18.22 TO STA. 19+15.50
- ④ - FROM STA. 16+22.89 TO STA. 19+15.50

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



USER NAME = Rduy.Lisle
 PLOT CONFIG = PDF(Grey, Large).plt
 PLOT SCALE = 1:8.33333
 PLOT DATE = 7/29/2010

DESIGNED - MJV
 DRAWN - MJV
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -

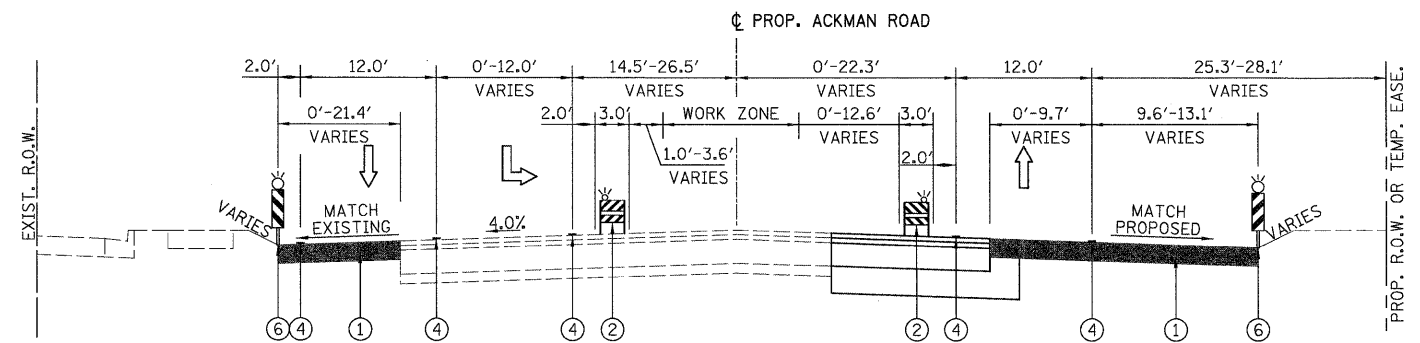


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

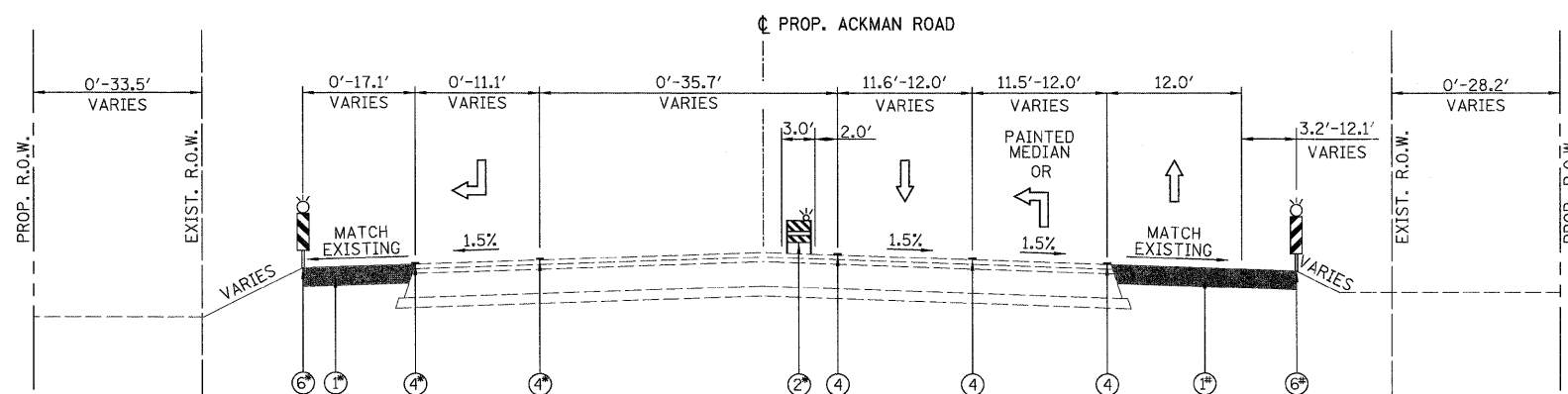
**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 ACKMAN ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 10 OF 100 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	56
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	

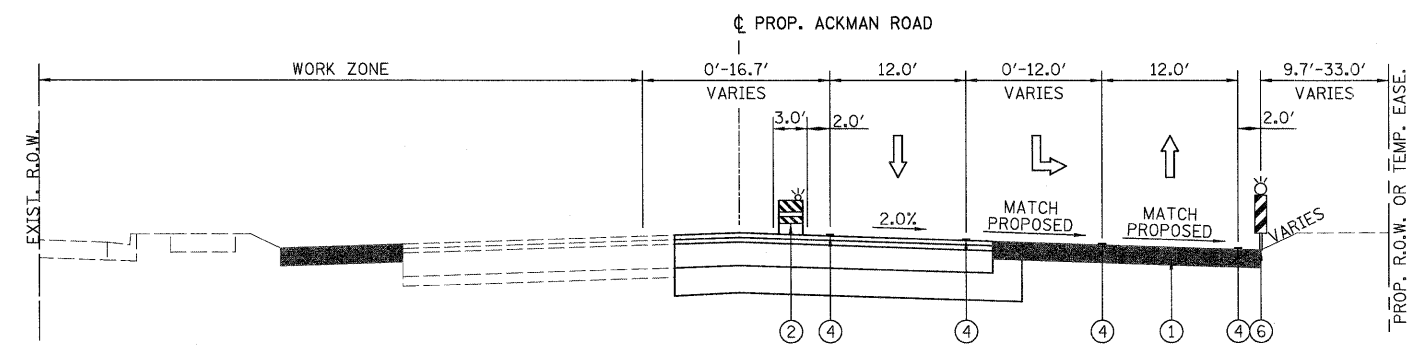


ACKMAN ROAD STAGE 1 SUBSTAGE B AND STAGE 1D SUBSTAGE 1
STA. 20+00.00 TO STA. 23+14.46



ACKMAN ROAD STAGE 1 SUBSTAGE C AND STAGE 1D SUBSTAGE 1
STA. 7+81.22 TO STA. 20+00.00

- ①⑥ - FROM STA. 16+39.47 TO STA. 19+12.97
- ①⑥ - FROM STA. 7+81.22 TO STA. 14+89.91
- ② - FROM STA. 15+44.13 TO STA. 19+88.06
- ② - FROM STA. 10+57.44 TO STA. 19+30.50
- ④ - FROM STA. 10+57.44 TO STA. 11+78.44



ACKMAN ROAD STAGE 1 SUBSTAGE C AND STAGE 1D SUBSTAGE 1
STA. 20+00 TO STA. 23+17.76

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



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PLOT SCALE = 1:8,33333	CHECKED - JAH	REVISED -
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -

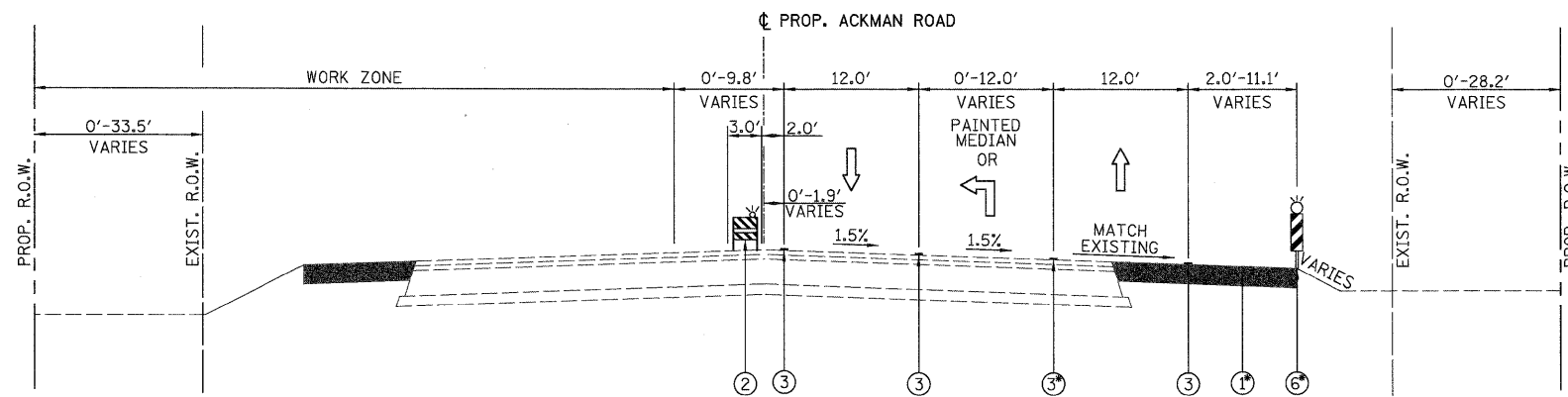


**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
ACKMAN ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 11 OF 100 STA. TO STA.

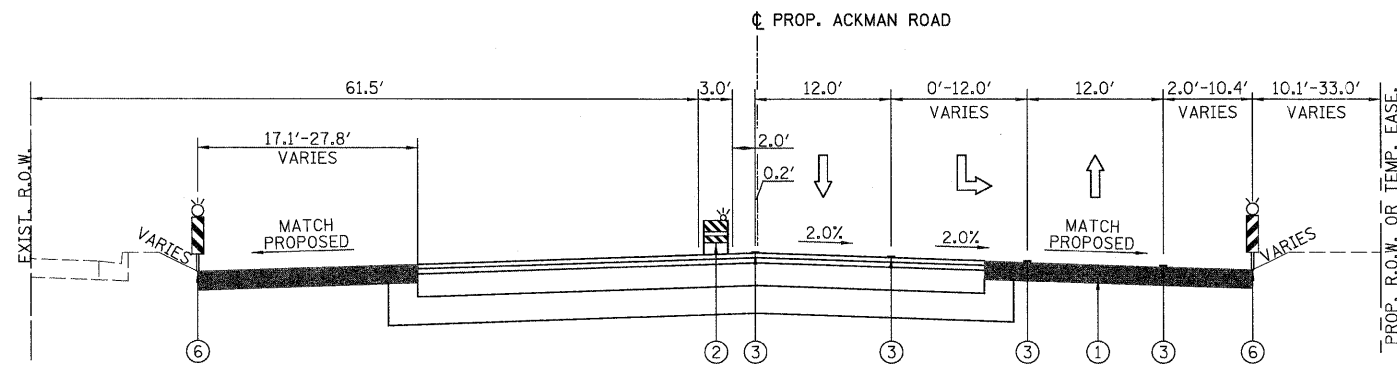
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 57
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	



ACKMAN ROAD STAGE 2 SUBSTAGE A

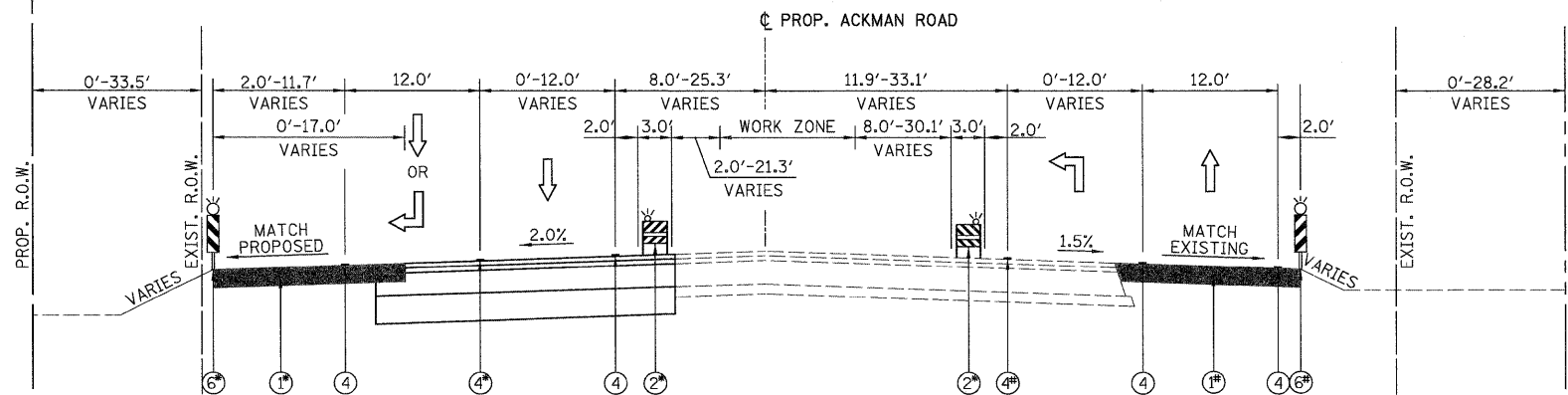
STA. 7+81.22 TO STA. 20+00.00

- ①⑥ - FROM STA. 7+81.22 TO STA. 14+89.91
- FROM STA. 15+44.13 TO STA. 19+88.06
- ③ - FROM STA. 14+74.10 TO STA. 19+79.87



ACKMAN ROAD STAGE 2 SUBSTAGE A

STA. 20+00.00 TO STA. 23+17.76



ACKMAN ROAD STAGE 2 SUBSTAGE B

STA. 7+81.22 TO STA. 20+00.00

- ①⑥ - FROM STA. 14+23.93 TO STA. 18+90.13
- ①⑥ - FROM STA. 7+81.22 TO STA. 14+89.91
- FROM STA. 15+44.13 TO STA. 19+88.06
- ② - FROM STA. 9+05.61 TO STA. 19+86.45
- ④ - FROM STA. 9+10.18 TO STA. 14+10.18
- ④ - FROM STA. 16+72.29 TO STA. 19+86.45

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



USER NAME = Rdky_Lisle
 PLOT CONFIG = PDF(Grey_Large).plt
 PLOT SCALE = 1:8.33333
 PLOT DATE = 7/29/2010

DESIGNED - MJV
 DRAWN - MJV
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
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 REVISED -

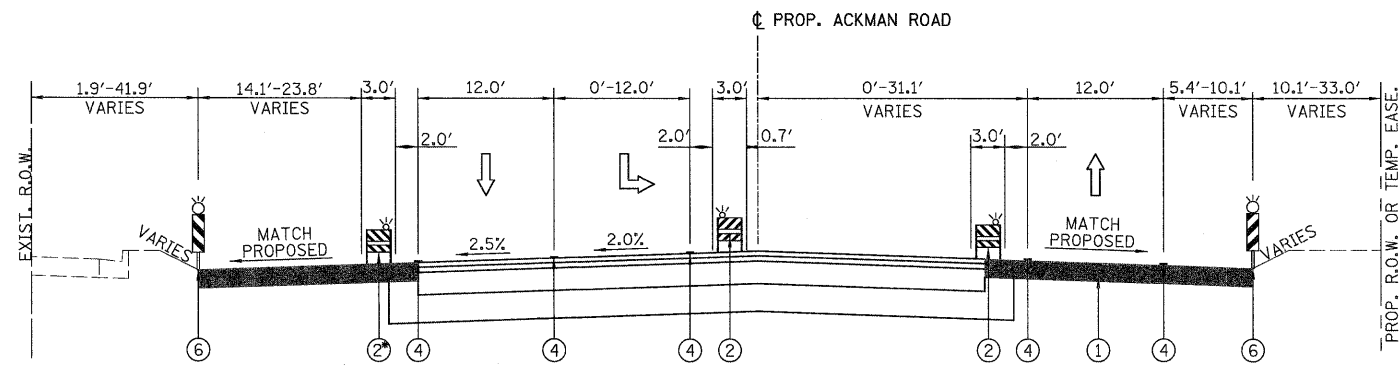


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

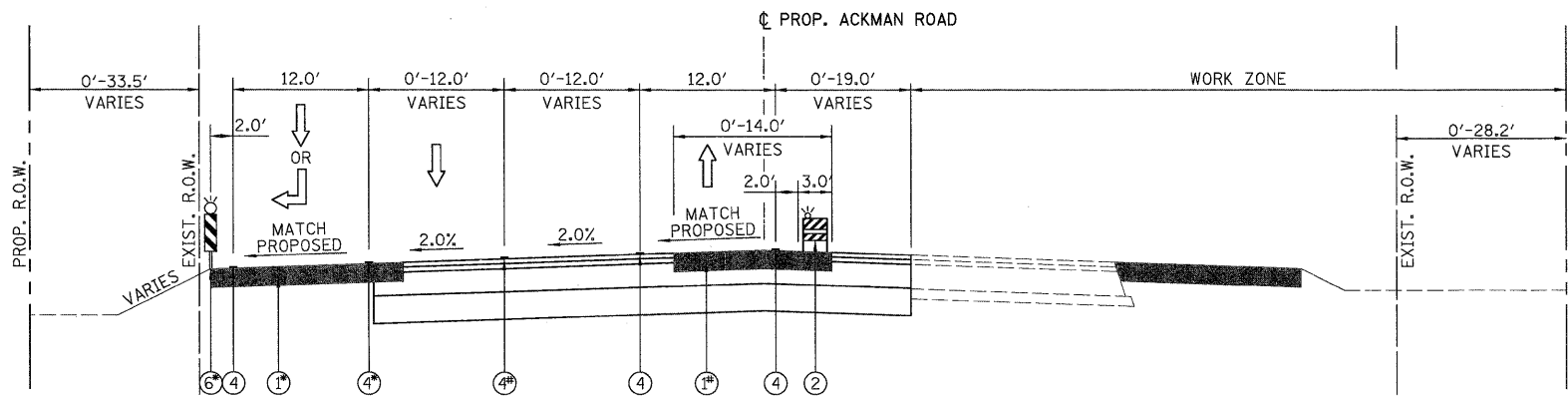
**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 ACKMAN ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 12 OF 100 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 58
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		



ACKMAN ROAD STAGE 2 SUBSTAGE B
 STA. 20+00.00 TO STA. 23+17.76
 ② - FROM STA. 20+97.49 TO STA. 23+11.70



ACKMAN ROAD STAGE 2 SUBSTAGE C
 STA. 7+81.22 TO STA. 20+00.00
 ①⑥ - FROM STA. 14+23.93 TO STA. 18+90.13
 ①④ - FROM STA. 9+03.18 TO STA. 14+74.45
 ④④ - FROM STA. 14+99.01 TO STA. 19+67.14
 ④④ - FROM STA. 9+10.18 TO STA. 14+10.18

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



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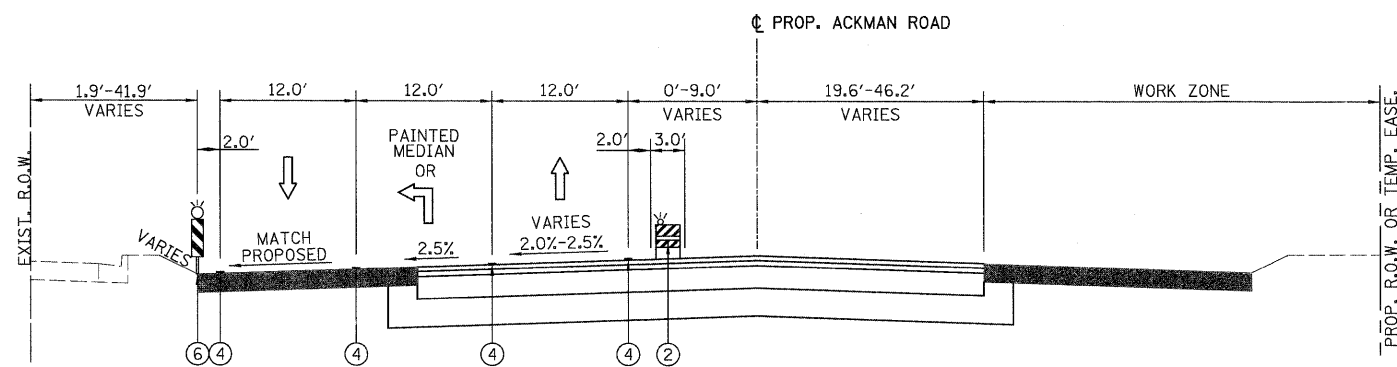


MCHENRY COUNTY
DIVISION OF TRANSPORTATION

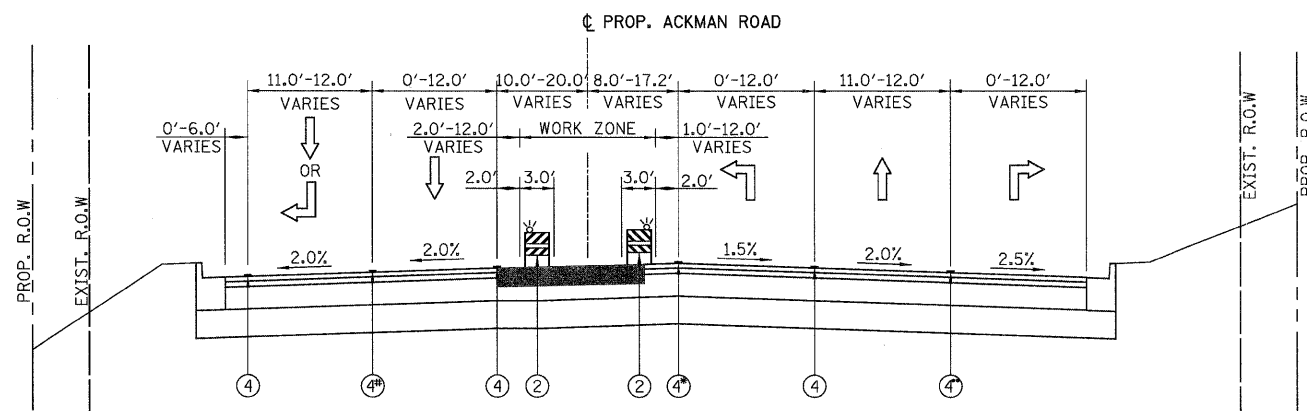
RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
ACKMAN ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

SCALE: N/A SHEET NO. MOT 13 OF 100 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		



ACKMAN ROAD STAGE 2 SUBSTAGE C
STA. 20+00.00 TO STA. 23+34.97



ACKMAN ROAD STAGE 3
STA. 8+93.79 TO STA. 19+12.25
 ④ - FROM STA. 12+10.18 TO STA. 13+97.18
 ④ - FROM STA. 12+84.26 TO STA. 19+01.34
 ④ - FROM STA. 15+84.25 TO STA. 19+01.34

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



USER NAME = Rdky_Lisle
 PLOT CONFIG = PDF(Grey_Large).plt
 PLOT SCALE = 1:8.33333
 PLOT DATE = 7/29/2010

DESIGNED - MJV
 DRAWN - MJV
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
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 REVISED -

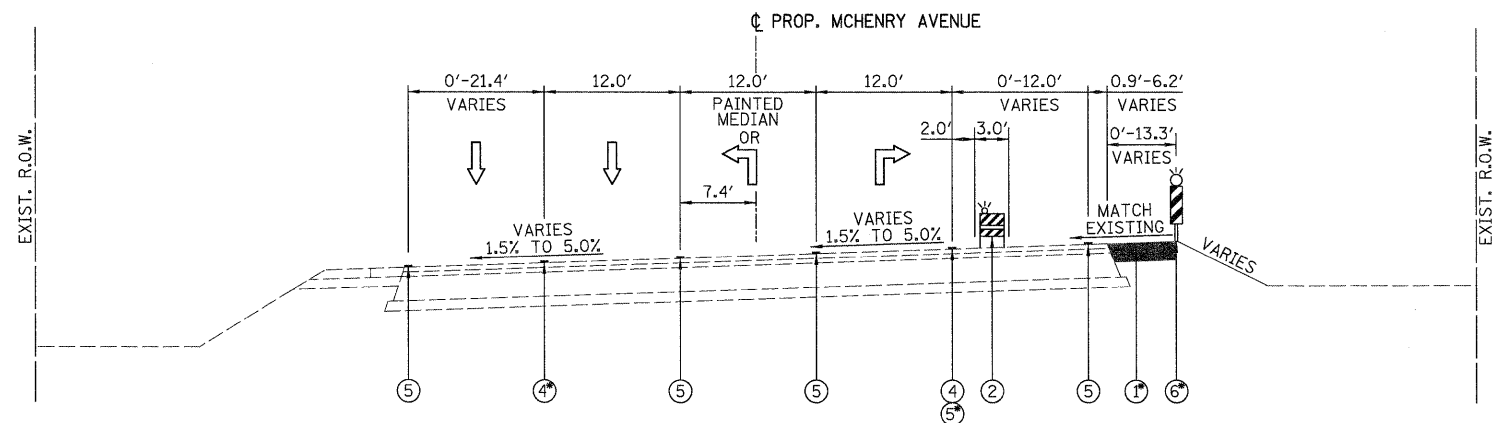


MCHENRY COUNTY
DIVISION OF TRANSPORTATION

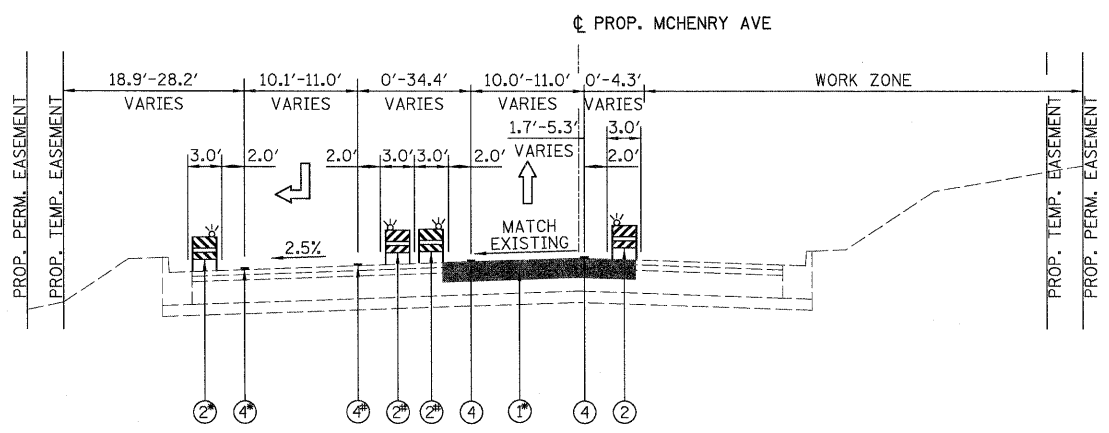
RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
ACKMAN ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

SCALE: N/A SHEET NO. MOT 14 OF 100 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 60
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		



MCHENRY AVENUE STAGE 1 AND STAGE 1D SUBSTAGE 1
 STA. 14+75.61 TO STA. 20+00.00
 ①⑥ - FROM STA. 14+75.61 TO STA. 19+07.64
 ④ - FROM STA. 16+02.02 TO STA. 19+31.50
 ⑤ - FROM STA. 16+95.88 TO STA. 19+07.31



MCHENRY AVENUE STAGE 1 SUBSTAGE A
 STA. 20+00.00 TO STA. 23+35.20
 ① - FROM STA. 20+46.26 TO STA. 22+00.62
 ②④ - FROM STA. 20+07.03 TO STA. 22+07.58
 ③ - FROM STA. 20+07.00 TO STA. 20+81.65
 ④ - FROM STA. 20+07.03 TO STA. 21+90.39

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



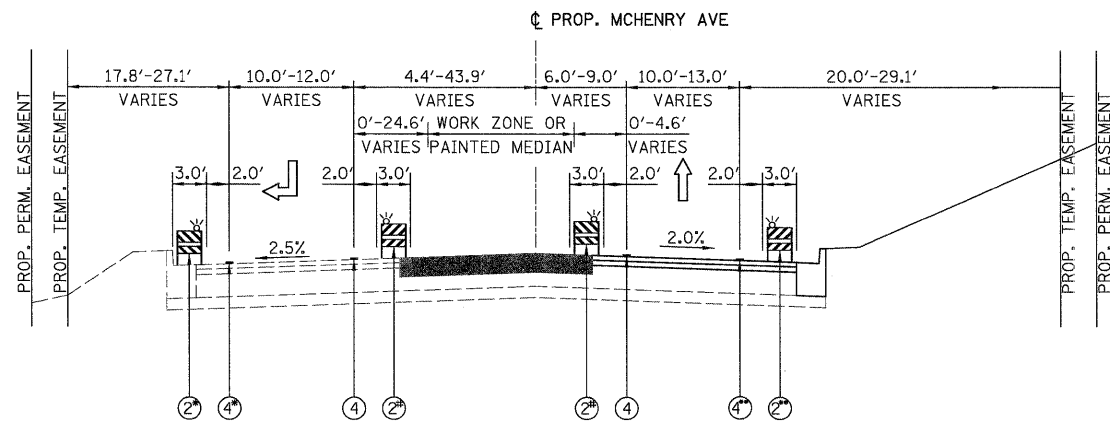
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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -



**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31		F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 61
MCHENRY AVE. PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS		SCALE: N/A		SHEET NO. MOT 15 OF 100	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

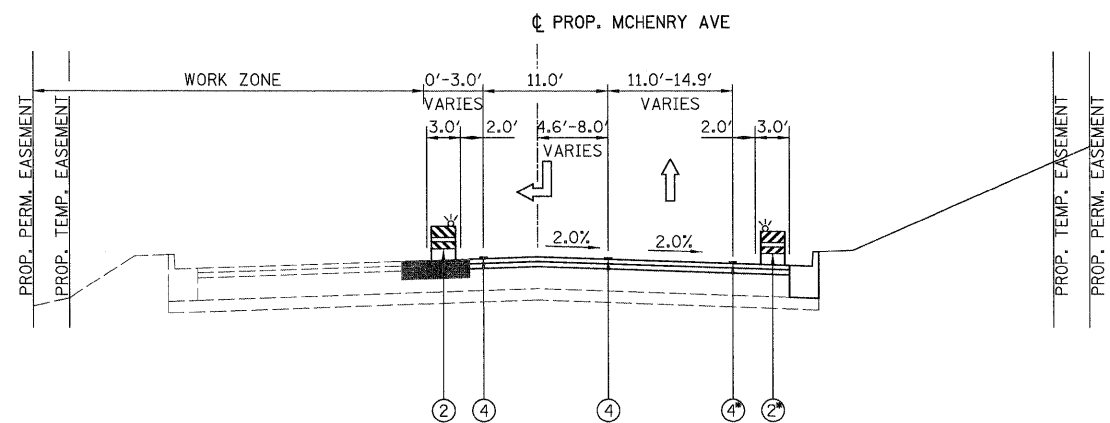
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 61
CONTRACT NO. 63398				



MCHENRY AVENUE STAGE 1 SUBSTAGE B

STA. 20+00.00 TO STA. 23+35.20

- ②④ - FROM STA. 20+07.03 TO STA. 21+97.93
- ② - FROM STA. 20+11.99 TO STA. 22+14.95
- ②④ - FROM STA. 20+06.97 TO STA. 21+58.56



MCHENRY AVENUE STAGE 1 SUBSTAGE C

STA. 20+00.00 TO STA. 23+35.20

- ②④ - FROM STA. 20+06.97 TO STA. 21+58.56

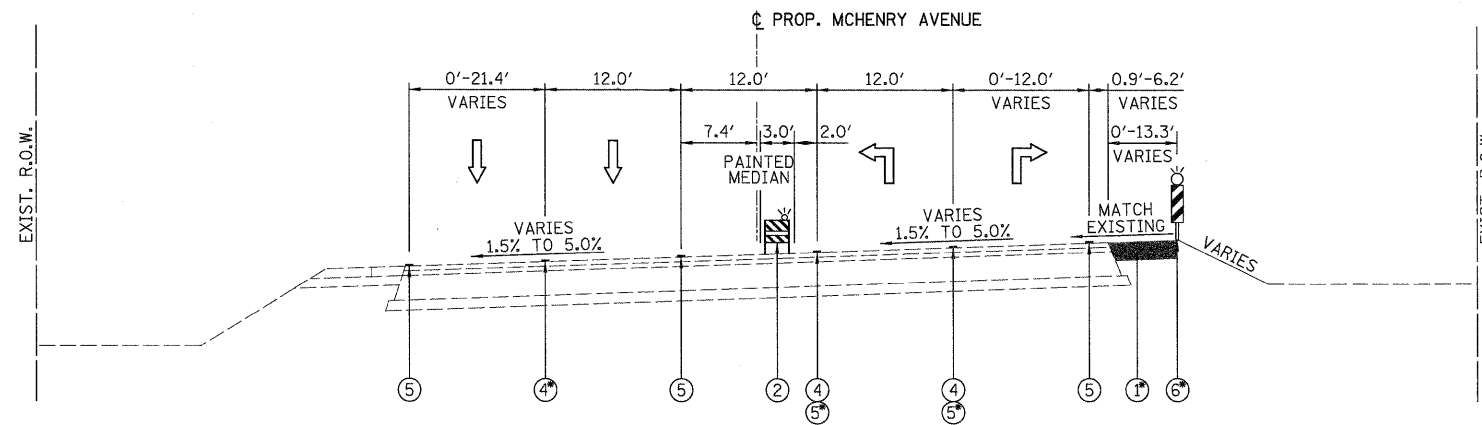
LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

	USER NAME = Rdky_Lisle	DESIGNED - MJV	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 MCHENRY AVE. PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 62
	PLOT CONFID = PDF(Grey-Large).plt	DRAWN - MJV	REVISED -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63398		
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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -									



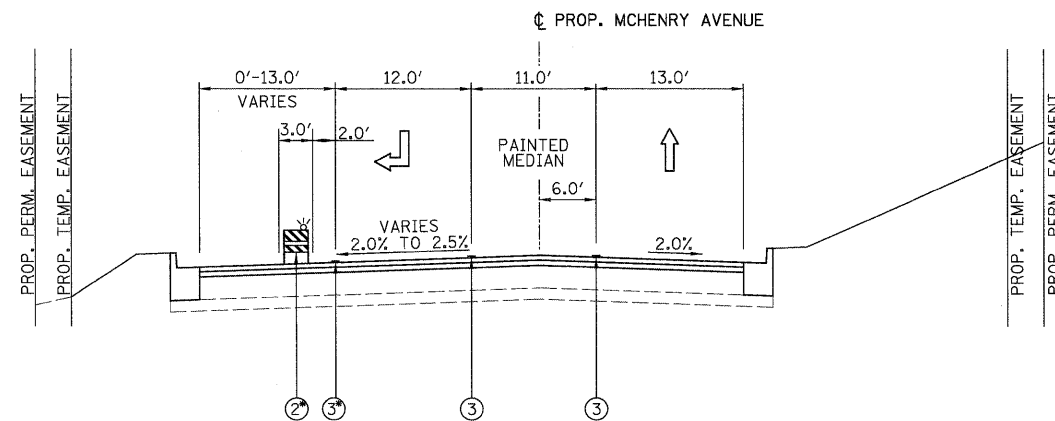
MCHENRY AVENUE STAGE 1D SUBSTAGES 2 AND 3

STA. 14+75.61 TO STA. 20+00.00

①⑤ - FROM STA. 14+75.61 TO STA. 19+07.64

④ - FROM STA. 16+02.02 TO STA. 19+31.50

⑤ - FROM STA. 16+95.88 TO STA. 19+31.20



MCHENRY AVENUE STAGE 1D AND STAGE 2

STA. 20+00.00 TO STA. 23+35.20

②③ - FROM STA. 20+53.04 TO STA. 22+15.19

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



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 PLOT SCALE = 1:8.33333
 PLOT DATE = 7/29/2010

DESIGNED - MJV
 DRAWN - MJV
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -

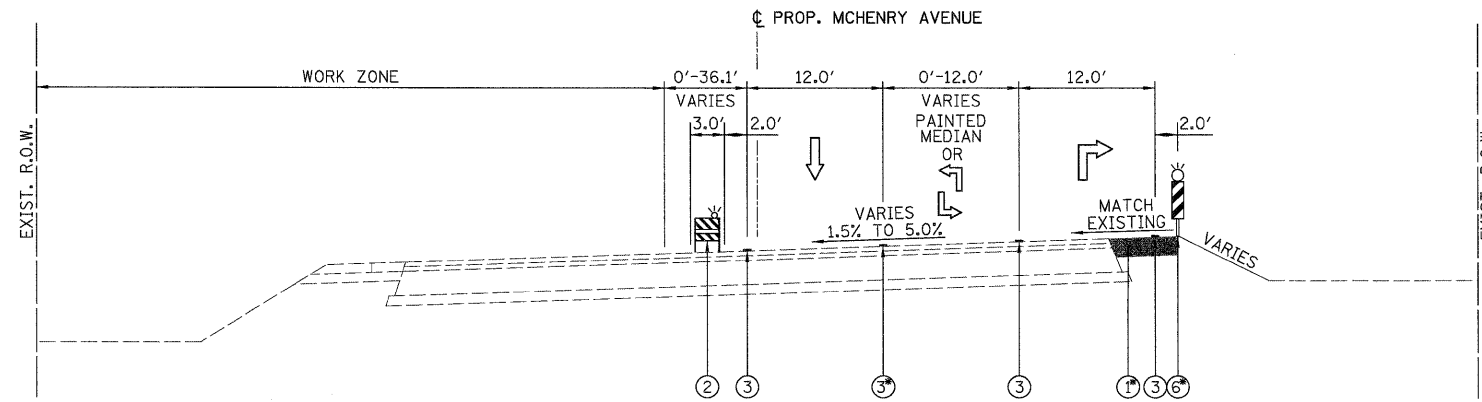


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

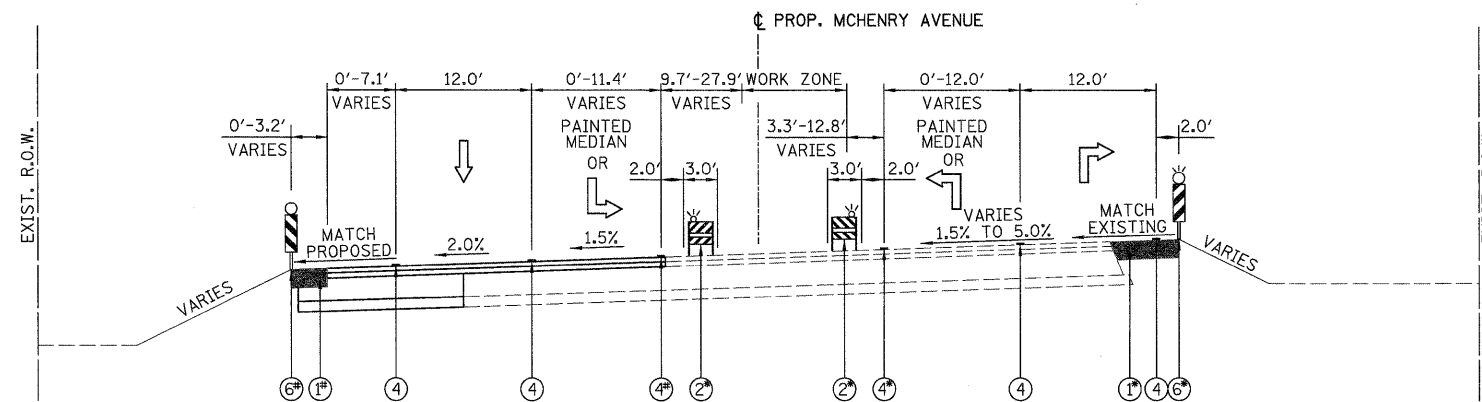
**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 MCHENRY AVE. PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 17 OF 100 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 63
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		



MCHENRY AVENUE STAGE 2 SUBSTAGE A
 STA. 7+33.26 TO STA. 20+00.00
 ①⑤ - FROM STA. 10+70.27 TO STA. 19+07.64
 ③ - FROM STA. 7+33.26 TO STA. 10+74.52
 FROM STA. 14+95.11 TO STA. 19+76.97



MCHENRY AVENUE STAGE 2 SUBSTAGE B
 STA. 7+33.26 TO STA. 20+00.00
 ①⑤ - FROM STA. 10+70.27 TO STA. 19+07.64
 ② - FROM STA. 7+33.26 TO STA. 8+54.71
 ④ - FROM STA. 15+92.97 TO STA. 19+86.97
 ①⑤ - FROM STA. 16+65.25 TO STA. 17+89.02
 ④ - FROM STA. 7+33.26 TO STA. 10+74.52

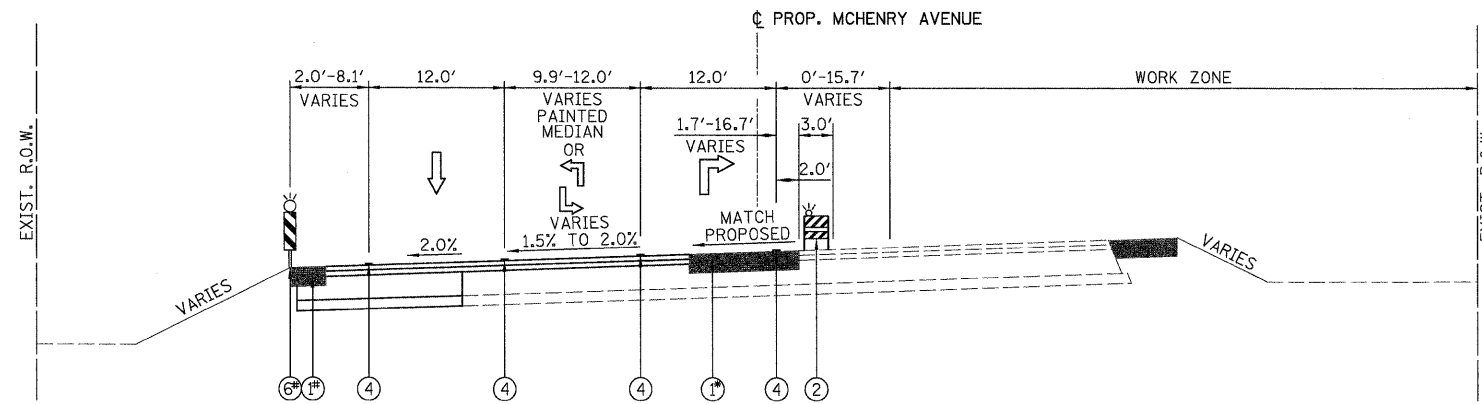
LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

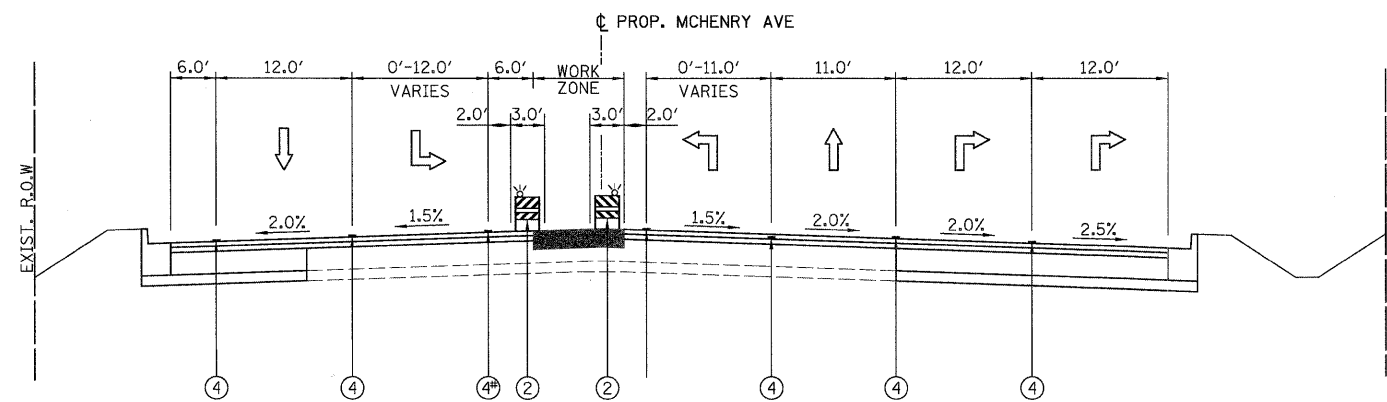
NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

	USER NAME = Rdwy_Lisle	DESIGNED - MJV	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 MCHENRY AVE. PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS		F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 64
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PLOT SCALE = 1:8.33333	CHECKED - JAH	REVISED -										
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -										



MCHENRY AVENUE STAGE 2 SUBSTAGE C
 STA. 7+33.26 TO STA. 20+00.00
 ① - FROM STA. 14+47.02 TO STA. 19+07.64
 ①⑥ - FROM STA. 16+65.25 TO STA. 17+89.02



MCHENRY AVENUE STAGE 3
 STA. 12+78.95 TO STA. 19+20.93
 ④ - FROM STA. 12+78.95 TO STA. 15+84.95
 ④ - FROM STA. 15+81.85 TO STA. 19+20.93

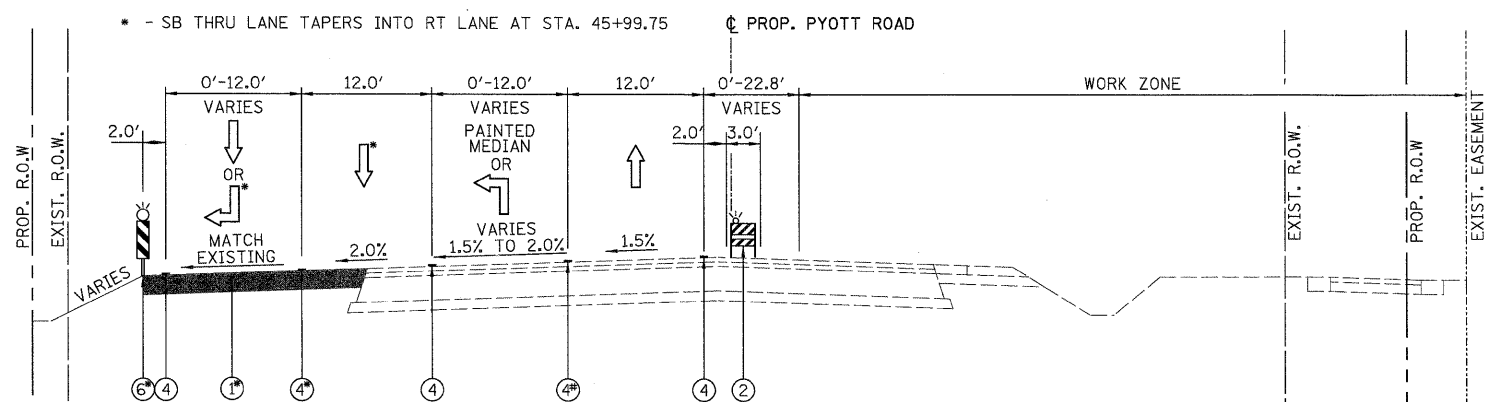
LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

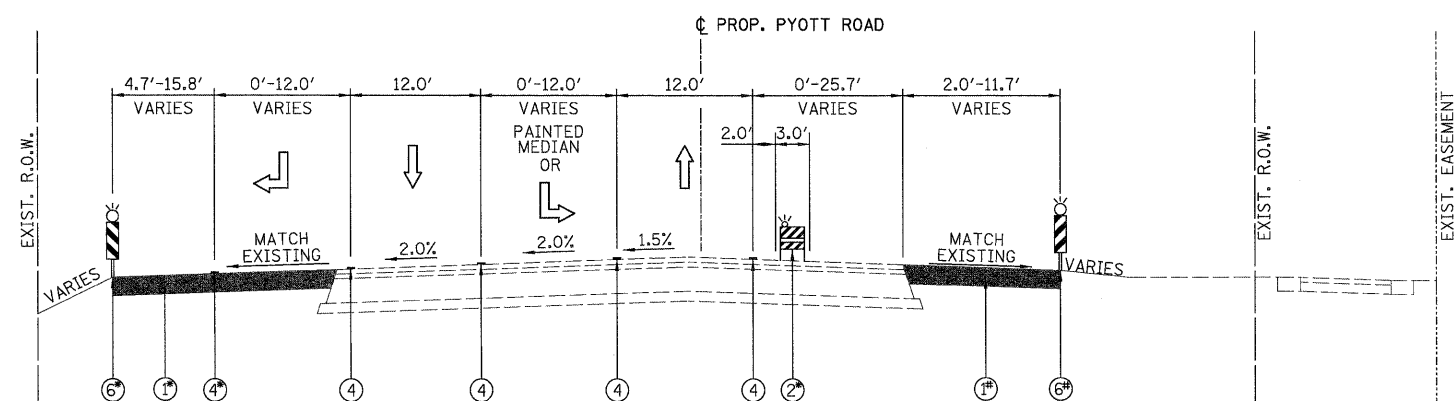
NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

	USER NAME = Rdwy_Lisle	DESIGNED - MJV	REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 MCHENRY AVE. PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 7/27/2010	DATE - 8/2/2010	REVISED -	REVISED -								CONTRACT NO. 63398	



PYOTT ROAD STAGE 1 SUBSTAGE A
 STA. 35+53.50 TO STA. 50+00.00
 (1)(6) - FROM STA. 45+99.75 TO STA. 49+86.25
 (4) - FROM STA. 41+06.50 TO STA. 45+99.75
 (4) - FROM STA. 47+13.33 TO STA. 49+86.25



PYOTT ROAD STAGE 1 SUBSTAGE A AND STAGE 1D SUBSTAGE 3
 STA. 50+00.00 TO STA. 63+77.53
 (1)(6) - FROM STA. 50+73.55 TO STA. 63+77.53
 (2) - FROM STA. 50+69.87 TO STA. 57+23.14
 (4) - FROM STA. 50+79.55 TO STA. 53+46.48
 (1)(6) - FROM STA. 50+92.85 TO STA. 60+94.77

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



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DESIGNED - MJV
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 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
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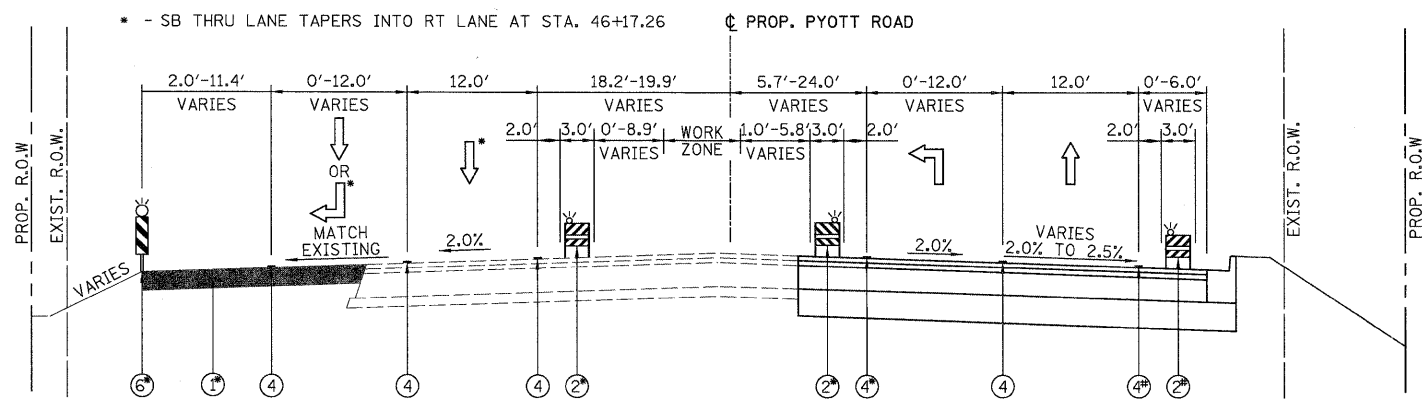


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 PYOTT ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 20 OF 100 STA. TO STA.

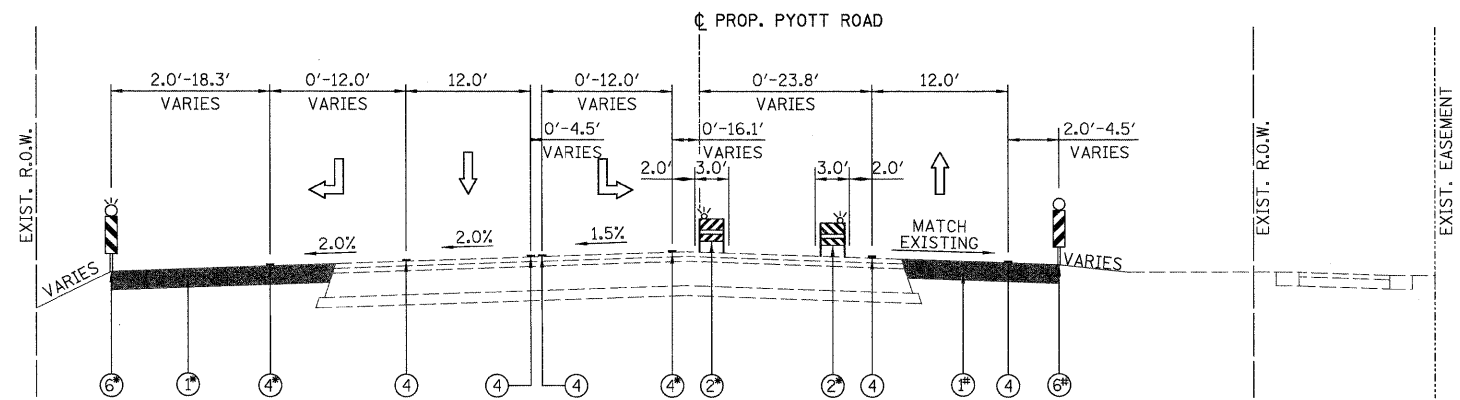
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 66
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	



PYOTT ROAD STAGE 1 SUBSTAGE B

STA. 40+74.38 TO STA. 50+00.00

- ①⑤ - FROM STA. 45+99.75 TO STA. 49+86.25
- ② - FROM STA. 41+67.80 TO STA. 50+00.00
- ④ - FROM STA. 47+13.59 TO STA. 49+86.25
- ② - FROM STA. 48+00.11 TO STA. 50+00.00
- ④ - FROM STA. 45+39.01 TO STA. 49+86.25



PYOTT ROAD STAGE 1 SUBSTAGE B AND STAGE 1D SUBSTAGE 2

STA. 50+00.00 TO STA. 63+77.53

- ①⑤ - FROM STA. 50+73.55 TO STA. 63+77.53
- ② - FROM STA. 50+61.58 TO STA. 57+53.43
- ④ - FROM STA. 50+79.55 TO STA. 53+46.55
- ①⑤ - FROM STA. 50+92.85 TO STA. 60+94.77
- ④ - FROM STA. 50+73.55 TO STA. 53+46.55

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



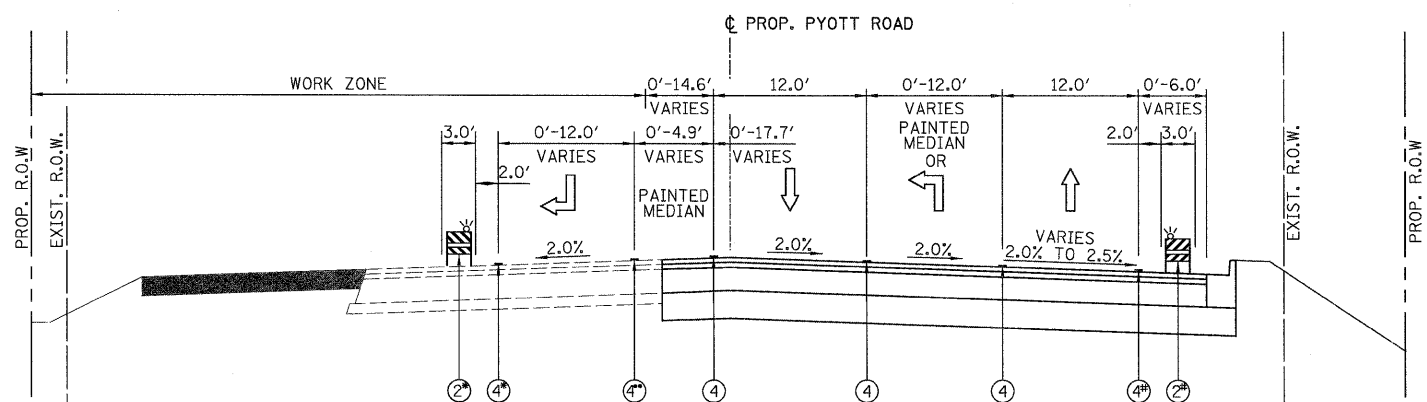
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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -



**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 PYOTT ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	
SCALE: N/A	SHEET NO. MOT 21 OF 100 STA. TO STA.

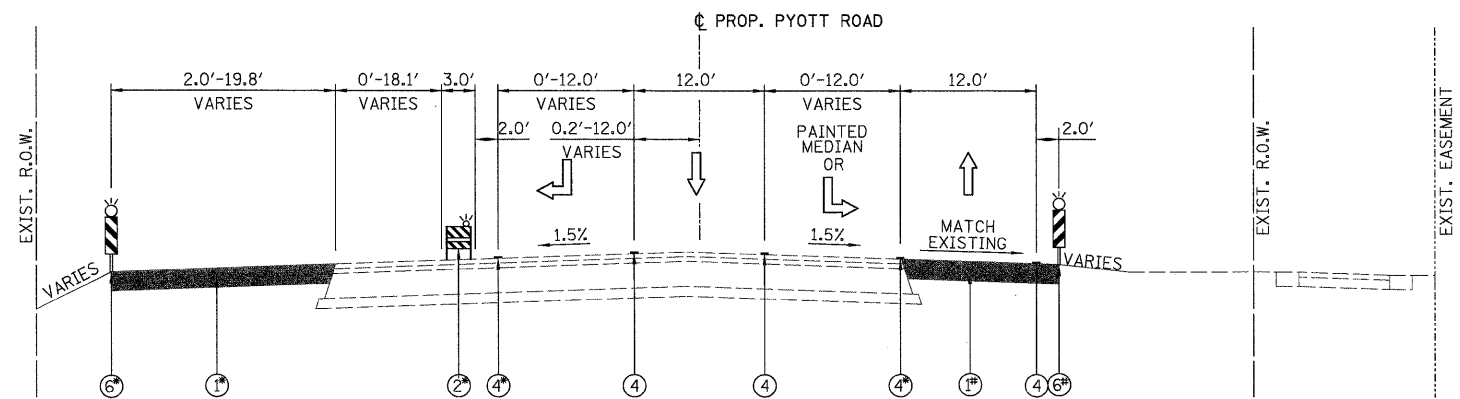
F.A.P. RTEL 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 67
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		



PYOTT ROAD STAGE 1 SUBSTAGE C

STA. 40+74.38 TO STA. 50+00.00

- ② - FROM STA. 42+82.91 TO STA. 50+00.00
- ④ - FROM STA. 42+82.91 TO STA. 45+02.22
- ④ - FROM STA. 40+82.91 TO STA. 42+82.91
- ② - FROM STA. 48+00.11 TO STA. 50+00.00
- ④ - FROM STA. 45+39.01 TO STA. 49+86.25



PYOTT ROAD STAGE 1 SUBSTAGE C AND STAGE 1D SUBSTAGE 1

STA. 50+00.00 TO STA. 63+77.53

- ①⑤ - FROM STA. 50+73.55 TO STA. 63+77.53
- ② - FROM STA. 50+44.86 TO STA. 61+55.98
- ④ - FROM STA. 50+73.54 TO STA. 54+81.54
- ①⑤ - FROM STA. 50+92.85 TO STA. 60+94.77

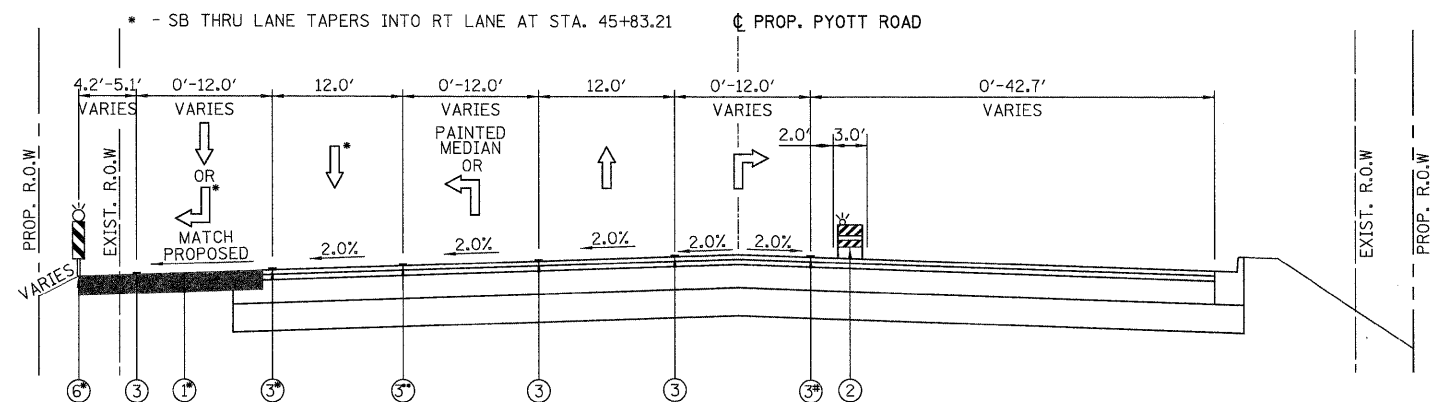
LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

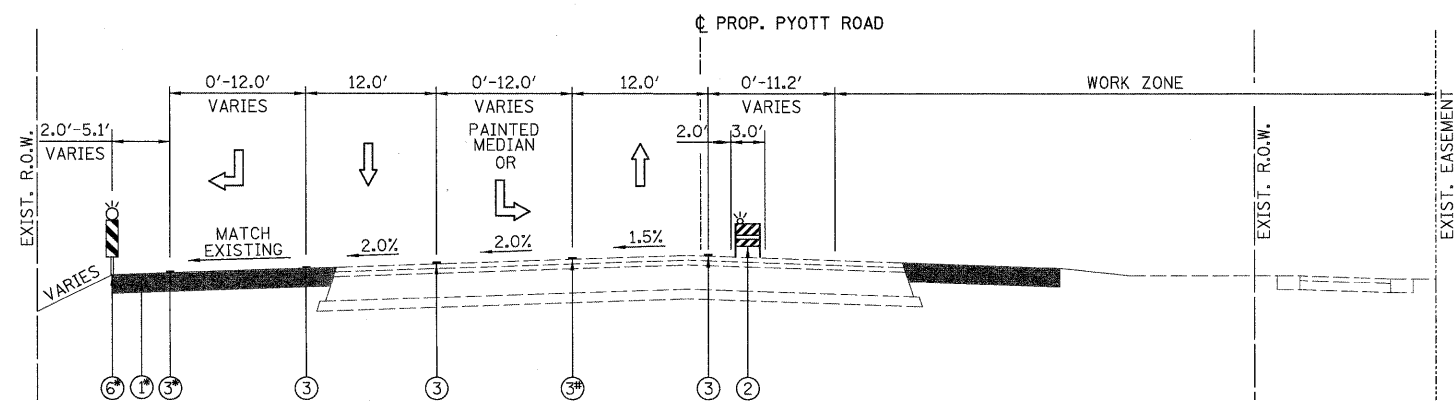
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PLOT SCALE = 1:8.33333	CHECKED - JAH	DATE - 8/2/2010	REVISED -	SCALE: N/A	SHEET NO. MOT 22 OF 100	STA. TO STA.						
PLOT DATE = 7/29/2010												



PYOTT ROAD STAGE 2 SUBSTAGE A AND STAGE 1D SUBSTAGE 3

STA. 40+75.66 TO STA. 50+00.00

- ①⑥ - FROM STA. 45+53.92 TO STA. 49+15.40
- ③ - FROM STA. 40+75.76 TO STA. 45+83.21
- ③ - FROM STA. 40+75.66 TO STA. 42+87.05
- FROM STA. 45+31.25 TO STA. 49+39.01
- ③ - FROM STA. 46+66.01 TO STA. 49+39.01



PYOTT ROAD STAGE 2 SUBSTAGE A

STA. 50+00.00 TO STA. 65+57.47

- ①⑥ - FROM STA. 50+73.55 TO STA. 63+77.53
- ③ - FROM STA. 50+15.93 TO STA. 52+88.93
- ③ - FROM STA. 50+15.93 TO STA. 55+38.91
- FROM STA. 63+86.50 TO STA. 65+57.47

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



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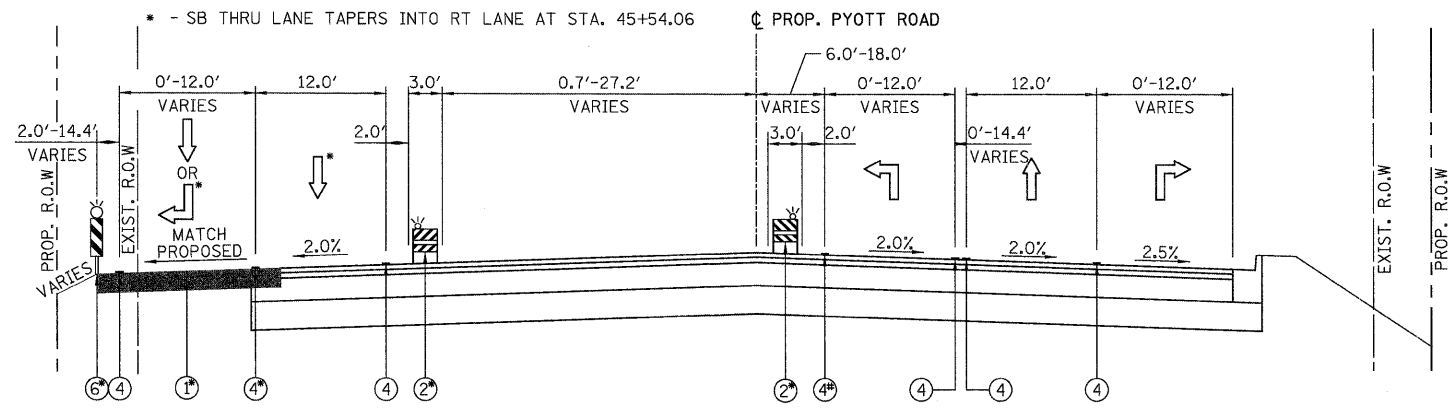


**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

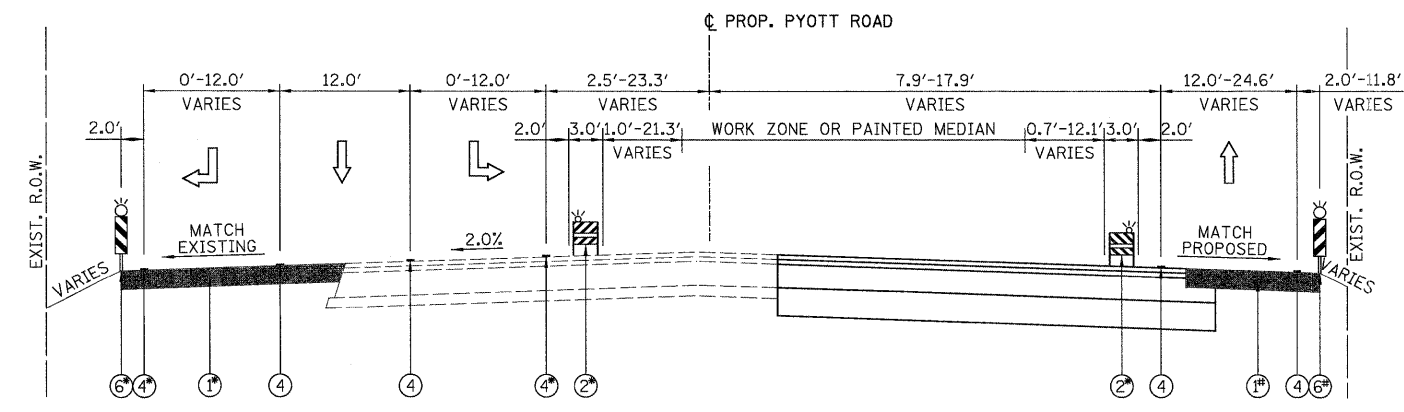
**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PYOTT ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 23 OF 100 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 69
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		



PYOTT ROAD STAGE 2 SUBSTAGE B AND STAGE 1D SUBSTAGE 2
 STA. 40+80.09 TO STA. 50+00.00
 ①⑤ - FROM STA. 45+53.92 TO STA. 49+15.40
 ② - FROM STA. 41+67.35 TO STA. 49+38.82
 ④ - FROM STA. 40+80.09 TO STA. 45+54.06
 ④ - FROM STA. 45+39.01 TO STA. 49+28.82



PYOTT ROAD STAGE 2 SUBSTAGE B
 STA. 50+00.00 TO STA. 65+57.25
 ①⑤ - FROM STA. 50+73.55 TO STA. 63+77.53
 ② - FROM STA. 50+00.00 TO STA. 61+35.94
 ④ - FROM STA. 50+15.93 TO STA. 52+88.93
 ①⑤ - FROM STA. 50+75.98 TO STA. 55+83.62
 - FROM STA. 57+29.52 TO STA. 63+02.72

- LEGEND:**
- ① - TEMPORARY PAVEMENT, 8"
 - ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
 - ③ - THERMOPLASTIC PAVEMENT MARKING
 - ④ - PAVEMENT MARKING TAPE, TY. III
 - ⑤ - EXISTING PAVEMENT MARKING
 - ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

- NOTES**
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
 2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



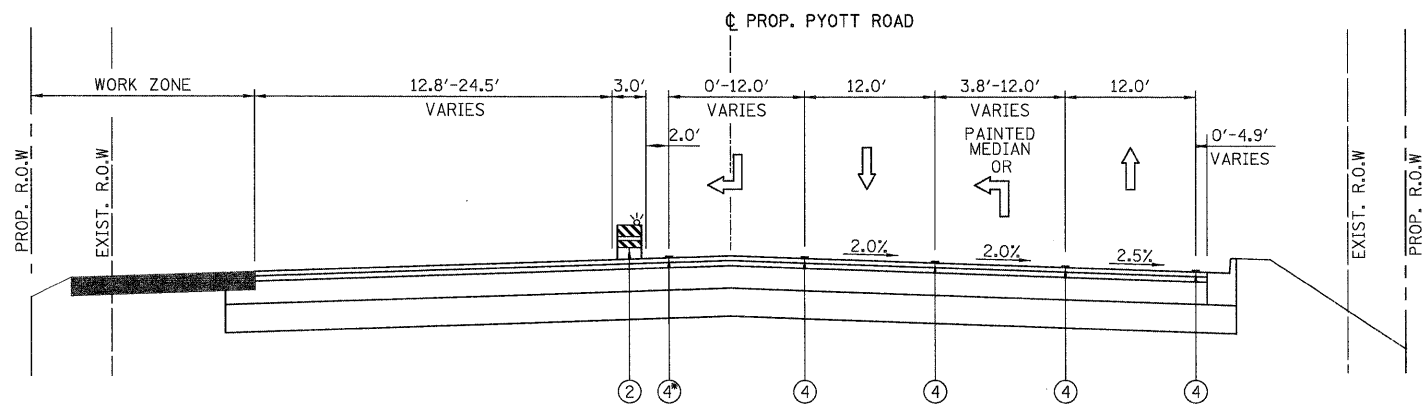
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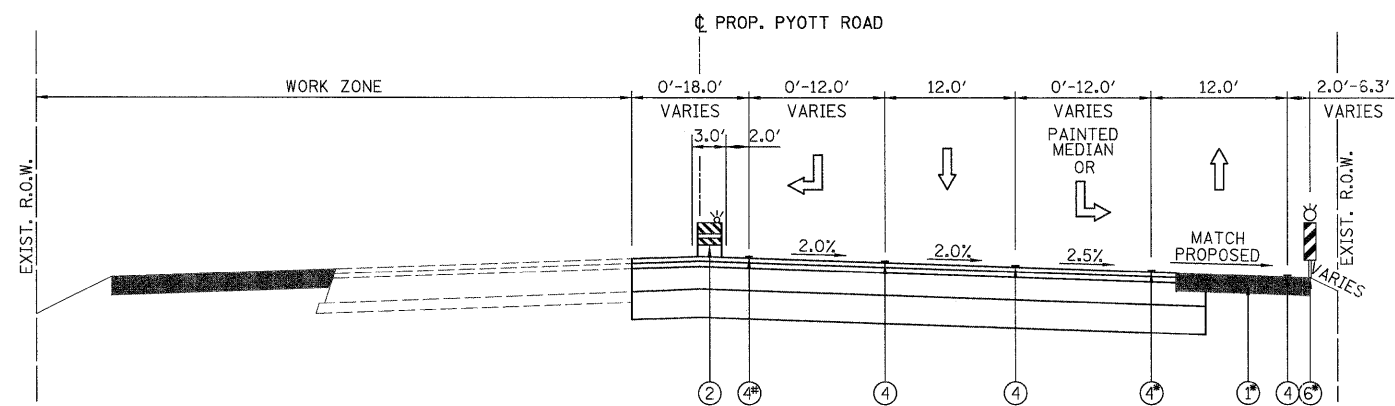
**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 PYOTT ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	
SCALE: N/A	SHEET NO. MOT 24 OF 100 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 70
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		



PYOTT ROAD STAGE 2 SUBSTAGE C AND STAGE 1D SUBSTAGE 1
 STA. 40+74.29 TO STA. 50+00.00
 ④ - FROM STA. 40+82.69 TO STA. 44+93.50



PYOTT ROAD STAGE 2 SUBSTAGE C
 STA. 50+00.00 TO STA. 65+10.27
 ①⑥ - FROM STA. 50+75.98 TO STA. 55+83.62
 - FROM STA. 57+29.52 TO STA. 63+02.72
 ④ - FROM STA. 50+15.93 TO STA. 54+32.82
 - FROM STA. 62+53.26 TO STA. 65+10.27
 ④ - FROM STA. 50+15.93 TO STA. 52+89.06

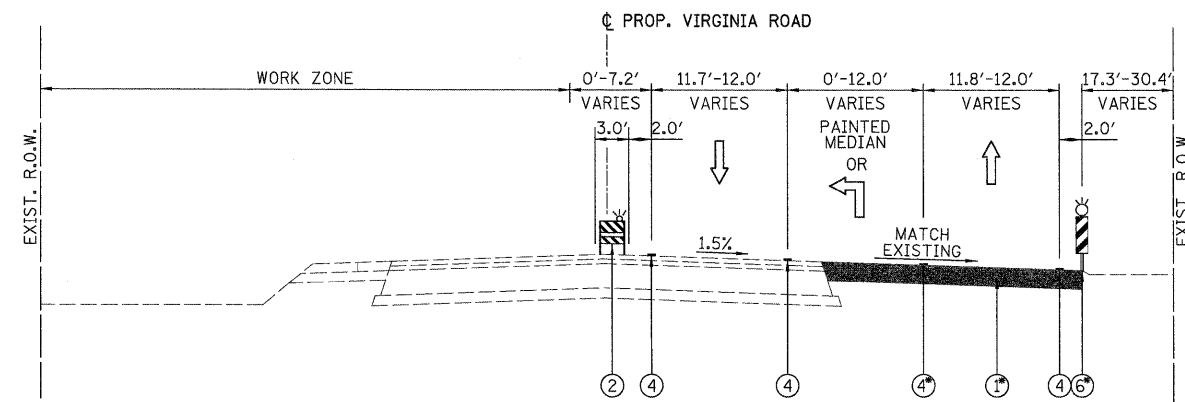
LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

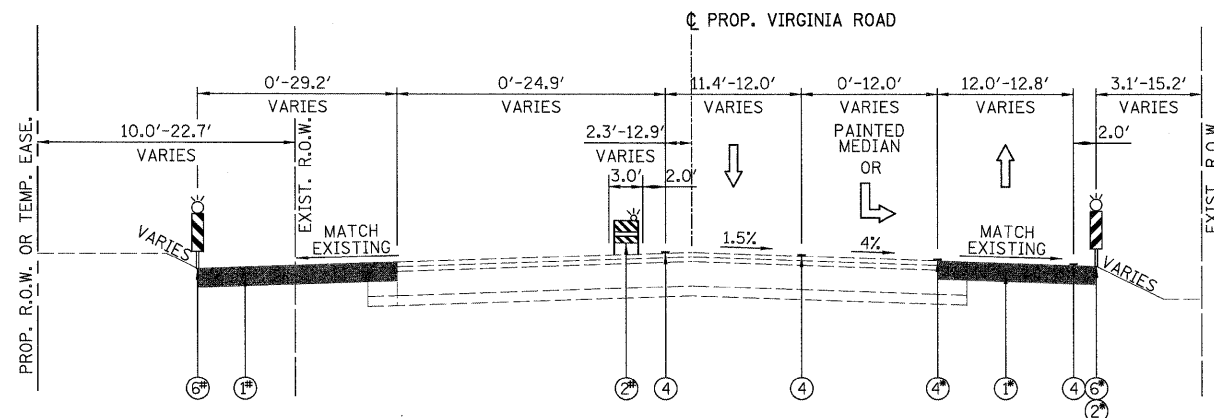
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PLOT SCALE = 1:8.33333	CHECKED - JAH	DATE - 8/2/2010	REVISED -									
PLOT DATE = 7/29/2010												



VIRGINIA ROAD STAGE 1 SUBSTAGE A

STA. 37+14.46 TO STA. 50+00.00

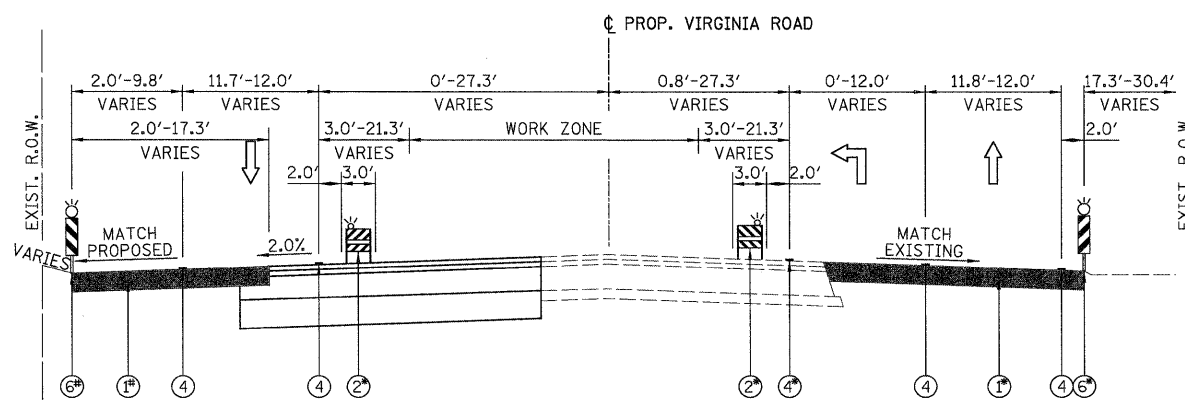
- ①⑥ - FROM STA. 37+35.48 TO STA. 49+19.09
- ④ - FROM STA. 43+74.28 TO STA. 49+58.04



VIRGINIA ROAD STAGE 1 SUBSTAGE A

STA. 50+00.00 TO STA. 61+04.99

- ①⑥ - FROM STA. 50+98.99 TO STA. 55+07.79
- ② - FROM STA. 55+07.79 TO STA. 58+03.97
- ④ - FROM STA. 50+98.99 TO STA. 55+15.72
- ①⑥ - FROM STA. 51+53.26 TO STA. 57+92.21
- ② - FROM STA. 59+49.32 TO STA. 61+04.99
- ② - FROM STA. 51+53.26 TO STA. 58+03.97



VIRGINIA ROAD STAGE 1 SUBSTAGE B

STA. 37+14.46 TO STA. 50+00.00

- ①⑥ - FROM STA. 37+35.48 TO STA. 49+19.09
- ② - FROM STA. 38+20.01 TO STA. 50+00.00
- ④ - FROM STA. 46+74.04 TO STA. 49+58.04
- ①⑥ - FROM STA. 37+53.81 TO STA. 43+29.75
- ② - FROM STA. 45+55.55 TO STA. 49+53.78

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



USER NAME = Rdwg_Lisle	DESIGNED - MJV	REVISED -
PLOT CONFIG = PDF(Gray_Large).plt	DRAWN - MJV	REVISED -
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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -

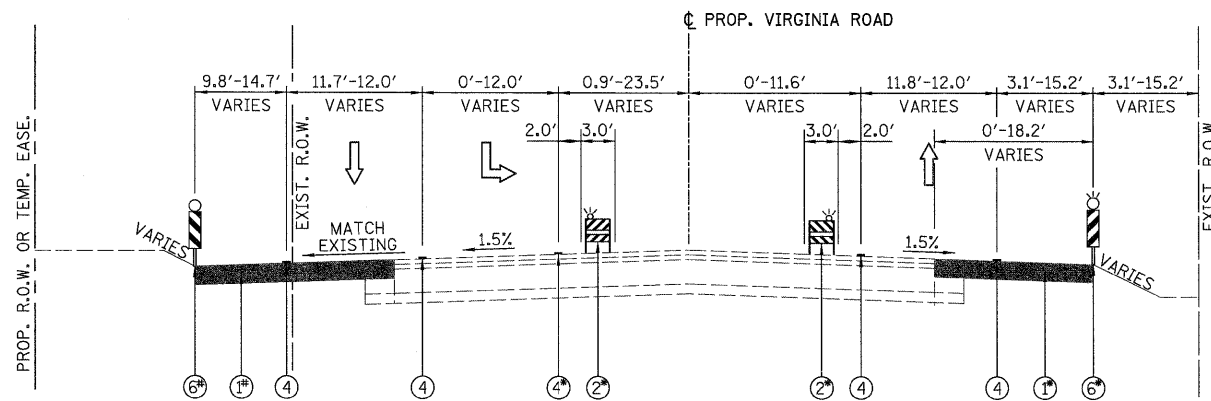


**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
VIRGINIA ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 26 OF 100 STA. TO STA.

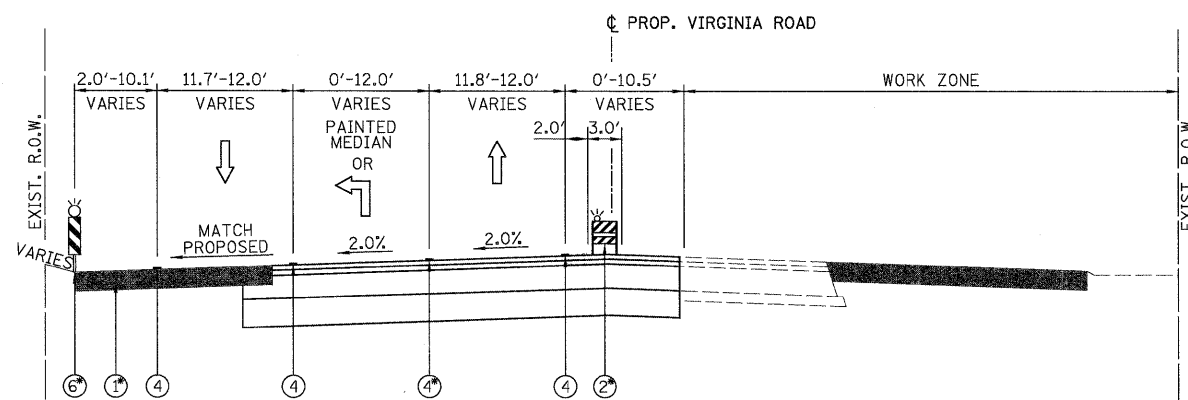
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 72
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 63398				



VIRGINIA ROAD STAGE 1 SUBSTAGE B

STA. 50+00.00 TO STA. 61+04.99

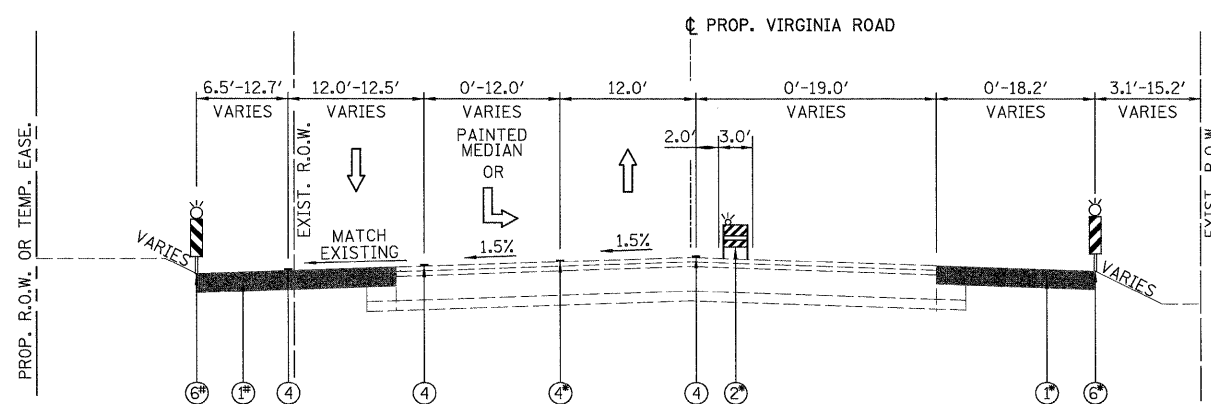
- ①⑥ - FROM STA. 50+98.99 TO STA. 55+07.79
- ② - FROM STA. 51+08.04 TO STA. 53+57.04
- ④ - FROM STA. 50+98.99 TO STA. 55+15.72
- ①⑥ - FROM STA. 51+53.26 TO STA. 57+92.21
- FROM STA. 59+49.32 TO STA. 61+04.99



VIRGINIA ROAD STAGE 1 SUBSTAGE C

STA. 37+14.46 TO STA. 50+00.00

- ①⑥ - FROM STA. 37+53.81 TO STA. 43+29.75
- FROM STA. 45+55.55 TO STA. 49+53.78
- ② - FROM STA. 37+60.93 TO STA. 50+00.00
- ④ - FROM STA. 45+41.74 TO STA. 49+93.50



VIRGINIA ROAD STAGE 1 SUBSTAGE C

STA. 50+00.00 TO STA. 61+04.99

- ①⑥ - FROM STA. 50+98.99 TO STA. 55+07.79
- ② - FROM STA. 50+23.32 TO STA. 58+04.42
- ④ - FROM STA. 51+13.50 TO STA. 59+93.77
- ①⑥ - FROM STA. 51+53.26 TO STA. 57+92.21
- FROM STA. 59+49.32 TO STA. 61+04.99

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -

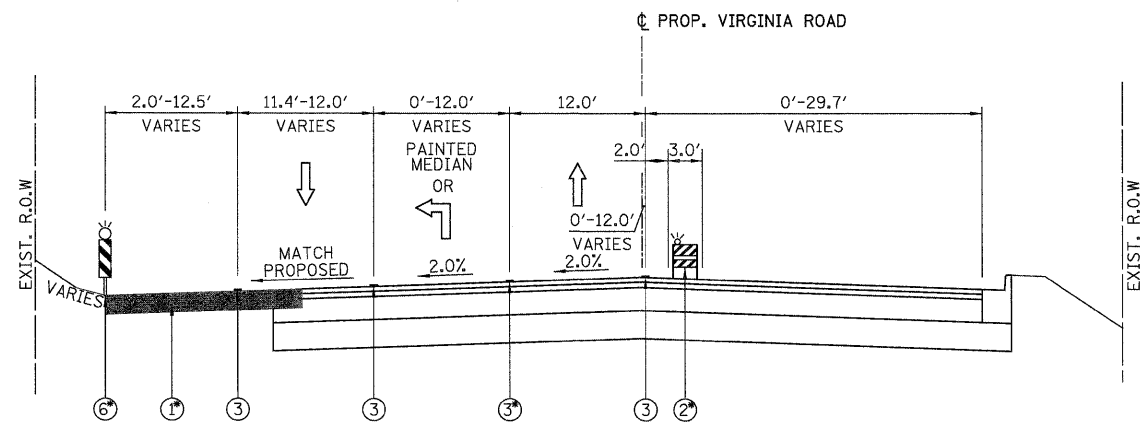


**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
VIRGINIA ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 27 OF 100 STA. TO STA.

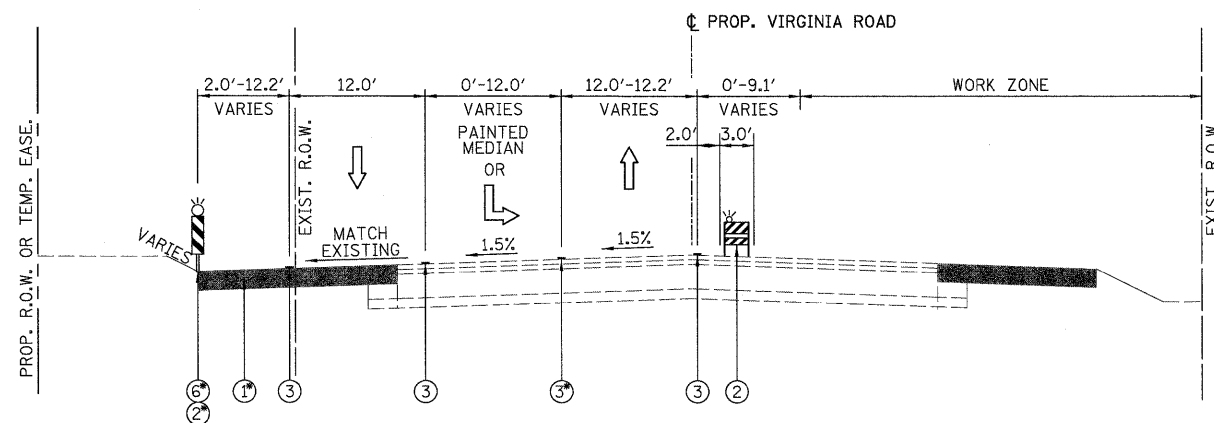
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 73
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		



VIRGINIA ROAD STAGE 2 SUBSTAGE A

STA. 37+53.81 TO STA. 50+00.00

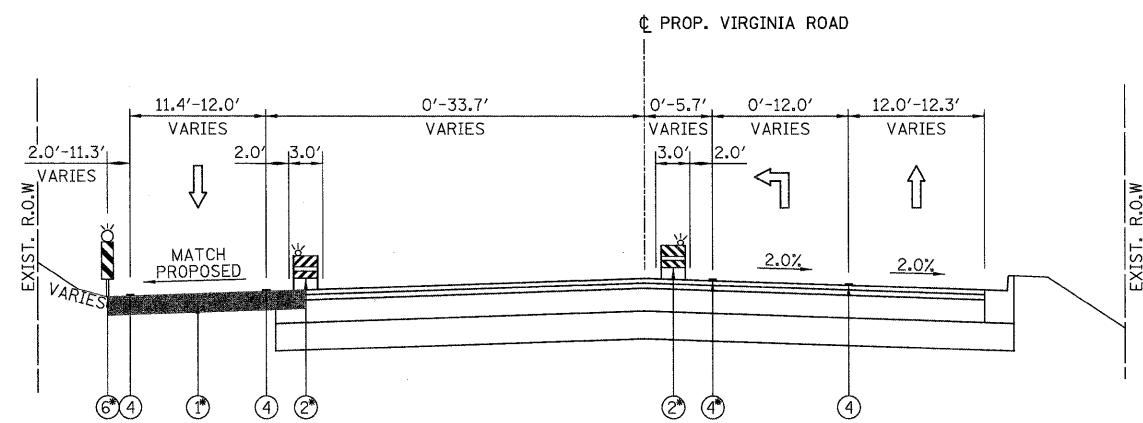
- ①⑥ - FROM STA. 37+53.81 TO STA. 43+29.75
- FROM STA. 45+55.55 TO STA. 49+53.78
- ② - FROM STA. 41+89.99 TO STA. 49+43.03
- ③ - FROM STA. 44+91.03 TO STA. 49+43.03



VIRGINIA ROAD STAGE 2 SUBSTAGE A

STA. 50+00.00 TO STA. 61+04.99

- ①⑥ - FROM STA. 51+53.26 TO STA. 57+92.21
- FROM STA. 59+49.32 TO STA. 61+04.99
- ② - FROM STA. 50+00.00 TO STA. 53+11.99
- ③ - FROM STA. 50+63.03 TO STA. 56+12.03



VIRGINIA ROAD STAGE 2 SUBSTAGE B

STA. 37+53.81 TO STA. 50+00.00

- ①⑥ - FROM STA. 37+53.81 TO STA. 43+29.75
- FROM STA. 45+55.55 TO STA. 49+53.78
- ② - FROM STA. 43+33.69 TO STA. 49+34.81
- ④ - FROM STA. 42+49.04 TO STA. 49+13.10

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



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 PLOT SCALE = 1:8.33333
 PLOT DATE = 7/29/2010

DESIGNED - MJV
 DRAWN - MJV
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -

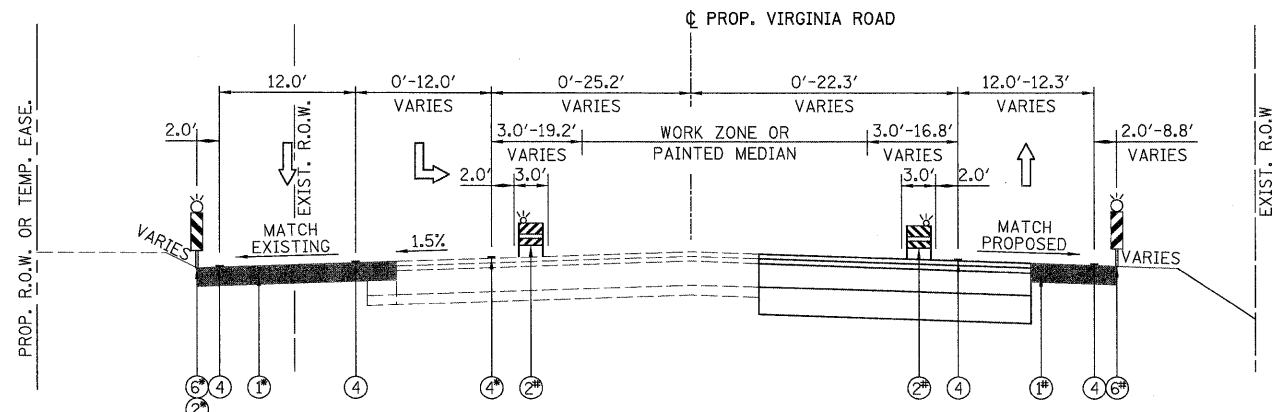


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

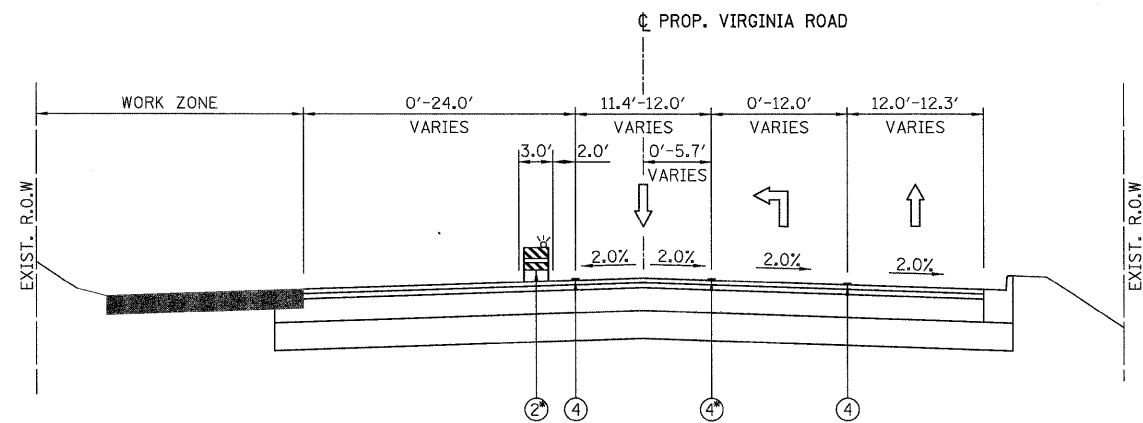
**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 VIRGINIA ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 28 OF 100 STA. TO STA.

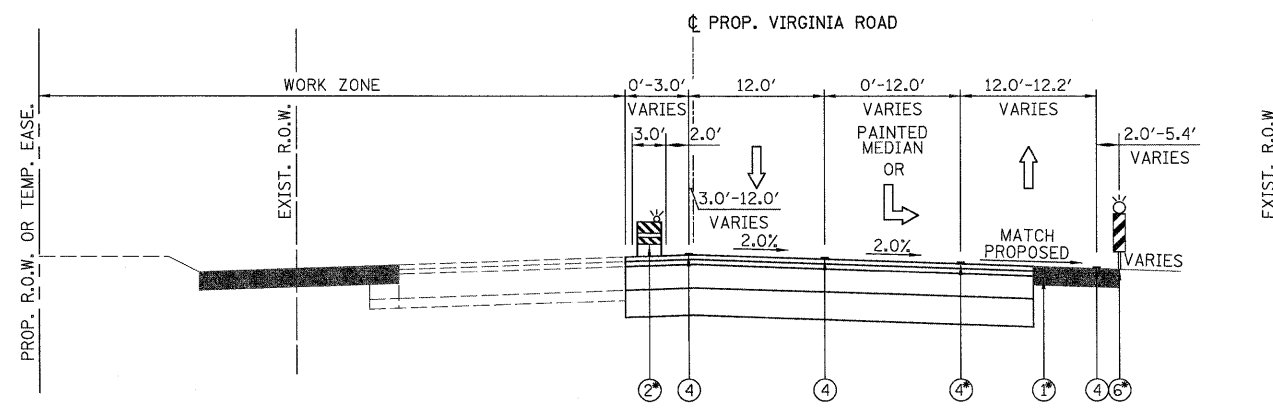
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 74
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		



VIRGINIA ROAD STAGE 2 SUBSTAGE B
 STA. 50+00.00 TO STA. 61+04.99
 (1-6) - FROM STA. 50+98.99 TO STA. 55+07.79
 (2) - FROM STA. 50+00.00 TO STA. 51+80.03
 (4) - FROM STA. 50+63.03 TO STA. 54+80.03
 (1-6) - FROM STA. 50+75.49 TO STA. 53+14.93
 - FROM STA. 55+68.20 TO STA. 57+95.75
 - FROM STA. 58+46.44 TO STA. 60+31.68
 (2) - FROM STA. 50+23.32 TO STA. 58+04.42



VIRGINIA ROAD STAGE 2 SUBSTAGE C
 STA. 37+53.81 TO STA. 50+00.00
 (2) - FROM STA. 41+56.26 TO STA. 49+34.81
 (4) - FROM STA. 39+99.75 TO STA. 50+00.00

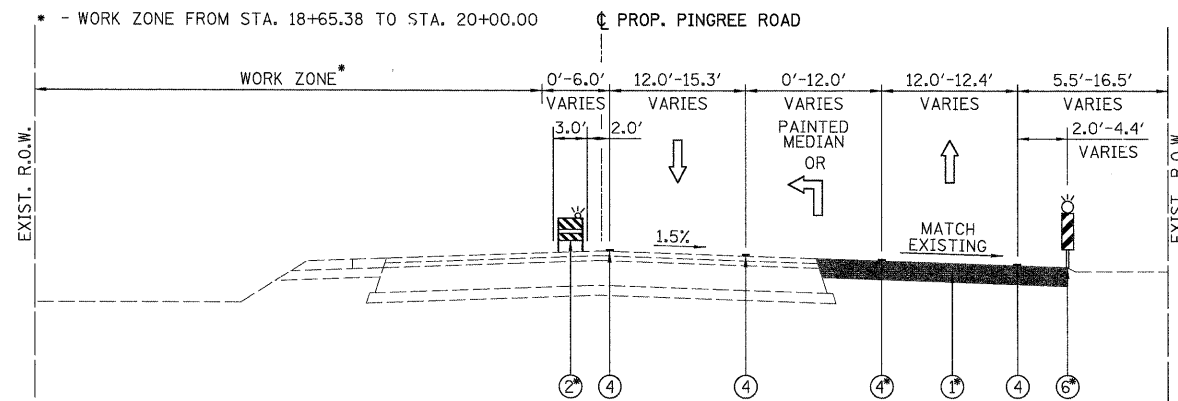


VIRGINIA ROAD STAGE 2 SUBSTAGE C
 STA. 50+00.00 TO STA. 61+04.99
 (1-6) - FROM STA. 50+75.49 TO STA. 53+14.93
 - FROM STA. 55+68.20 TO STA. 57+95.75
 - FROM STA. 58+46.44 TO STA. 60+31.68
 (2) - FROM STA. 50+00.00 TO STA. 60+38.85
 (4) - FROM STA. 50+23.65 TO STA. 55+67.96

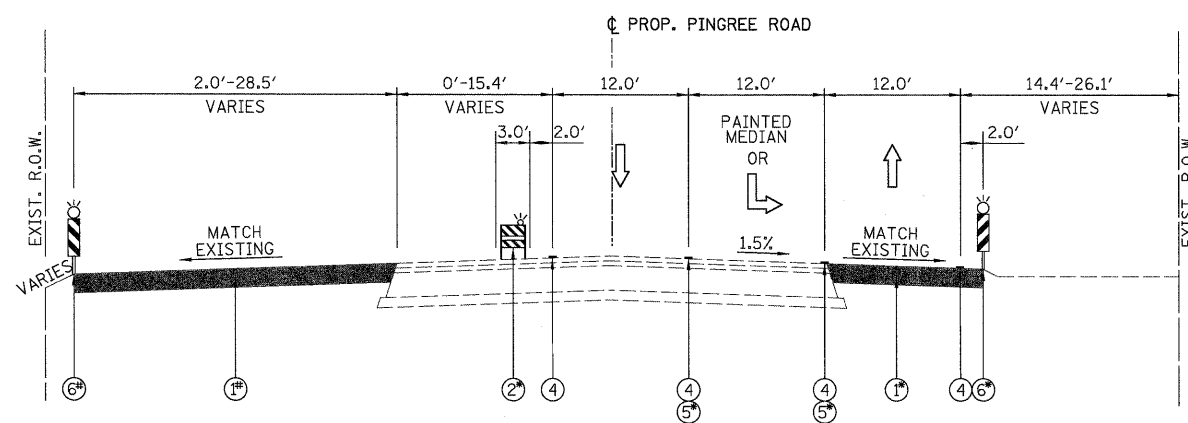
- LEGEND:**
- (1) - TEMPORARY PAVEMENT, 8"
 - (2) - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
 - (3) - THERMOPLASTIC PAVEMENT MARKING
 - (4) - PAVEMENT MARKING TAPE, TY. III
 - (5) - EXISTING PAVEMENT MARKING
 - (6) - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

- NOTES**
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
 2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

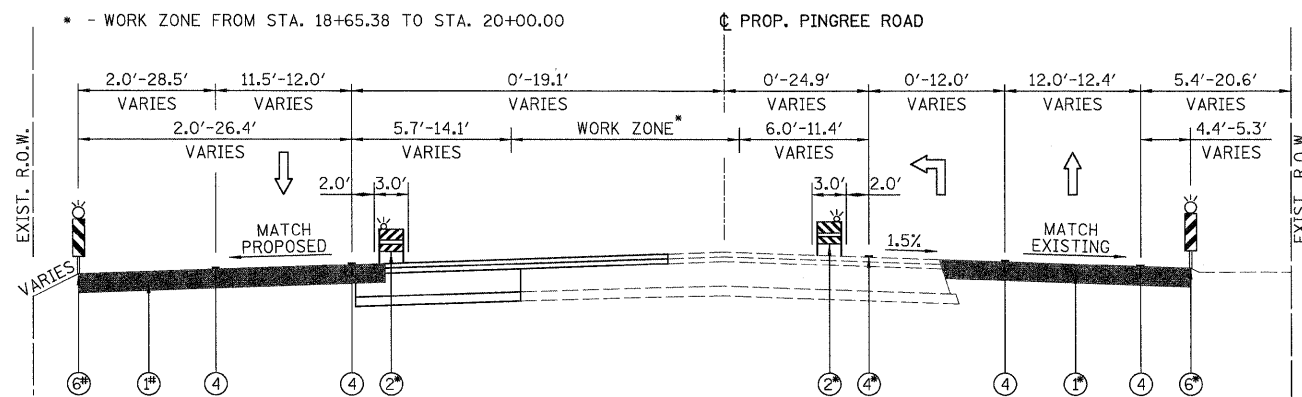
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	PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - MJV	REVISED -					SCALE: N/A	SHEET NO. MOT 29 OF 100	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT
PLOT SCALE = 1:8.33333	CHECKED - JAH	REVISED -										
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -										



PINGREE ROAD STAGE 1 SUBSTAGE A
 STA. 13+00.00 TO STA. 20+00.00
 ①⑥ - FROM STA. 14+47.10 TO STA. 19+72.67
 ② - FROM STA. 15+69.82 TO STA. 20+00.00
 ④ - FROM STA. 11+13.82 TO STA. 19+69.41



PINGREE ROAD STAGE 1 SUBSTAGE A
 STA. 20+00.00 TO STA. 30+91.08
 ①⑥ - FROM STA. 20+60.28 TO STA. 23+66.64
 ② - FROM STA. 20+32.50 TO STA. 24+71.09
 ⑤ - FROM STA. 23+65.86 TO STA. 30+91.08
 ①⑥ - FROM STA. 20+63.11 TO STA. 30+91.08



PINGREE ROAD STAGE 1 SUBSTAGE B
 STA. 13+00.00 TO STA. 20+00.00
 ①⑥ - FROM STA. 14+47.10 TO STA. 19+72.67
 ② - FROM STA. 15+10.47 TO STA. 20+00.00
 ④ - FROM STA. 16+08.75 TO STA. 19+69.41
 ①⑥ - FROM STA. 13+91.51 TO STA. 19+34.66

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



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 PLOT DATE = 7/29/2010

DESIGNED - MJV
 DRAWN - MJV
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -

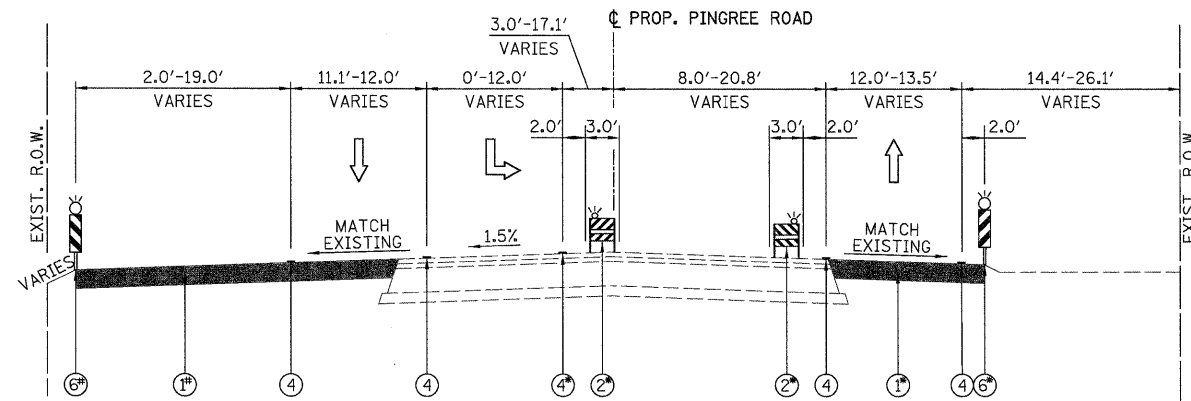


MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PINGREE ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

SCALE: N/A SHEET NO. MOT 30 OF 100 STA. TO STA.

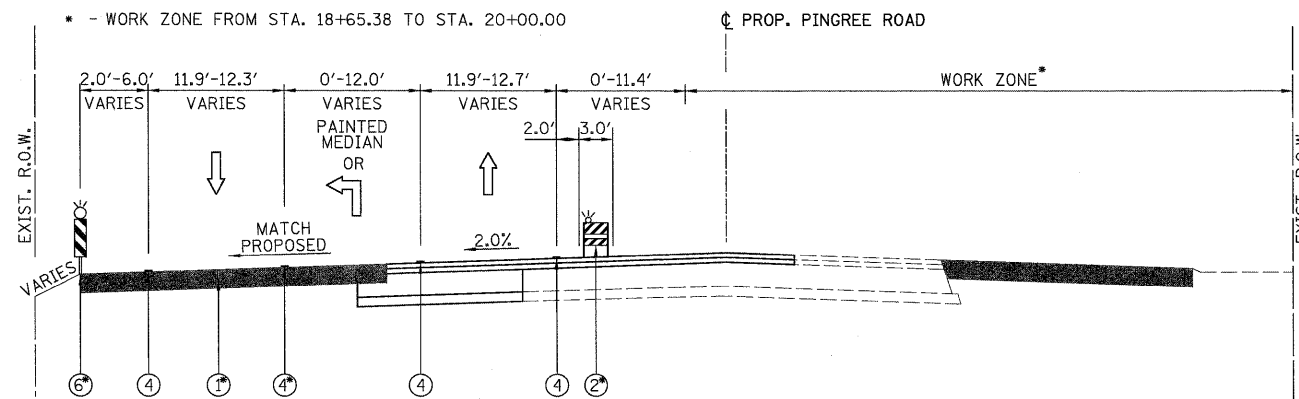
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 76
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		



PINGREE ROAD STAGE 1 SUBSTAGE B

STA. 20+00.00 TO STA. 30+91.08

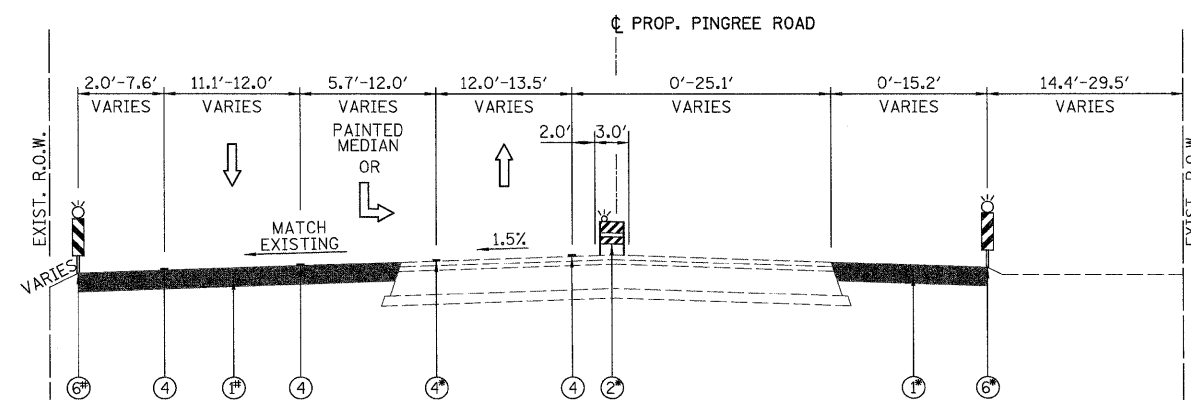
- ①⑥ - FROM STA. 20+60.28 TO STA. 23+66.64
- ② - FROM STA. 20+31.88 TO STA. 29+14.59
- ④ - FROM STA. 20+65.86 TO STA. 23+18.28
- ①⑥ - FROM STA. 20+63.11 TO STA. 30+91.08



PINGREE ROAD STAGE 1 SUBSTAGE C

STA. 13+00.00 TO STA. 20+00.00

- ①⑥ - FROM STA. 13+91.51 TO STA. 19+34.66
- ② - FROM STA. 15+08.17 TO STA. 20+00.00
- ④ - FROM STA. 14+08.81 TO STA. 19+69.33



PINGREE ROAD STAGE 1 SUBSTAGE C

STA. 20+00.00 TO STA. 30+91.08

- ①⑥ - FROM STA. 20+60.28 TO STA. 23+66.64
- ② - FROM STA. 20+38.18 TO STA. 29+64.14
- ④ - FROM STA. 20+60.79 TO STA. 29+85.01
- ①⑥ - FROM STA. 20+63.11 TO STA. 30+91.08

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



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 PLOT DATE = 7/29/2010

DESIGNED - MJV
 DRAWN - MJV
 CHECKED - JAH
 DATE - 8/2/2010

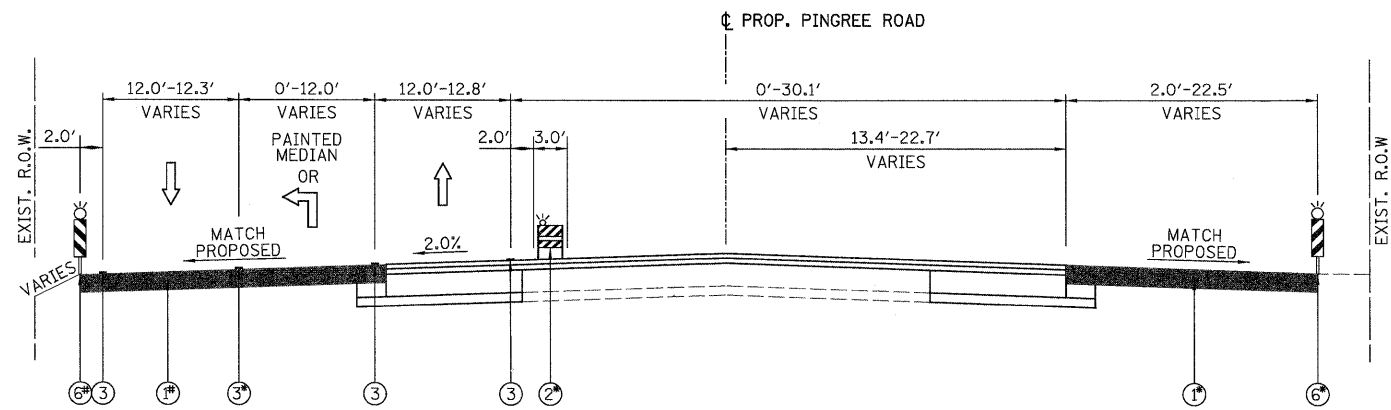


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

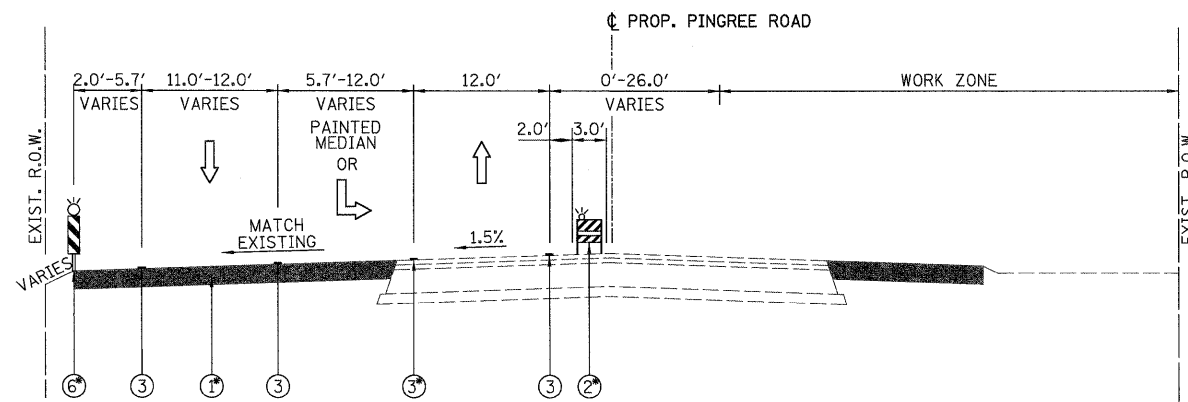
**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 PINGREE ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 31 OF 100 STA. TO STA.

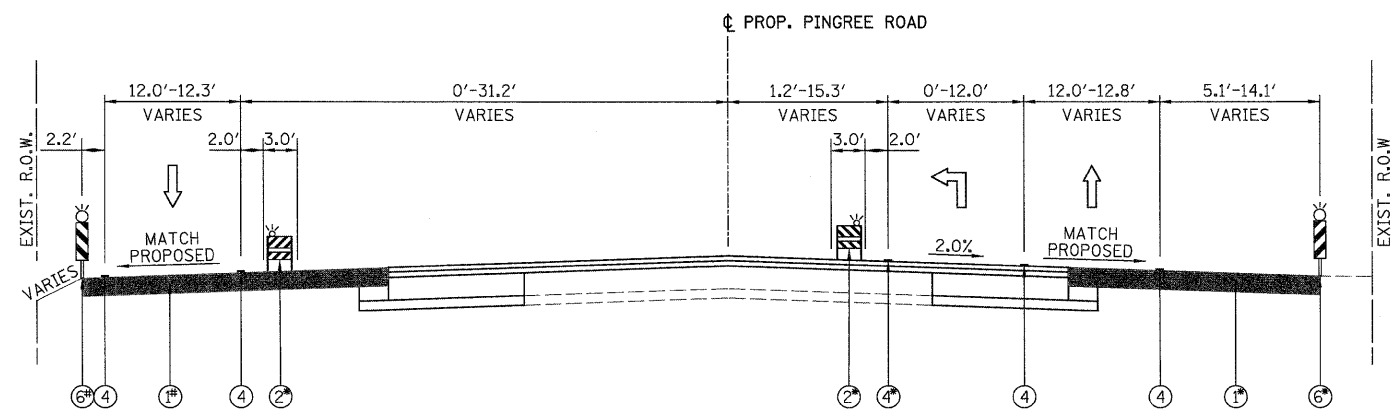
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 77
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		



PINGREE ROAD STAGE 2 SUBSTAGE A
 STA. 13+00.00 TO STA. 20+00.00
 ①⑥ - FROM STA. 14+47.10 TO STA. 19+41.47
 ② - FROM STA. 15+07.47 TO STA. 19+60.44
 ③ - FROM STA. 13+82.98 TO STA. 19+40.79
 ④⑥ - FROM STA. 13+91.51 TO STA. 19+34.66



PINGREE ROAD STAGE 2 SUBSTAGE A
 STA. 20+00.00 TO STA. 30+91.08
 ①⑥ - FROM STA. 20+63.11 TO STA. 30+91.08
 ② - FROM STA. 20+00.00 TO STA. 29+84.98
 ③ - FROM STA. 20+24.05 TO STA. 29+99.56



PINGREE ROAD STAGE 2 SUBSTAGE B
 STA. 13+00.00 TO STA. 20+00.00
 ①⑥ - FROM STA. 14+47.10 TO STA. 19+41.47
 ② - FROM STA. 14+49.62 TO STA. 19+40.82
 ④ - FROM STA. 16+82.86 TO STA. 19+40.82
 ⑤⑥ - FROM STA. 13+91.51 TO STA. 19+34.66

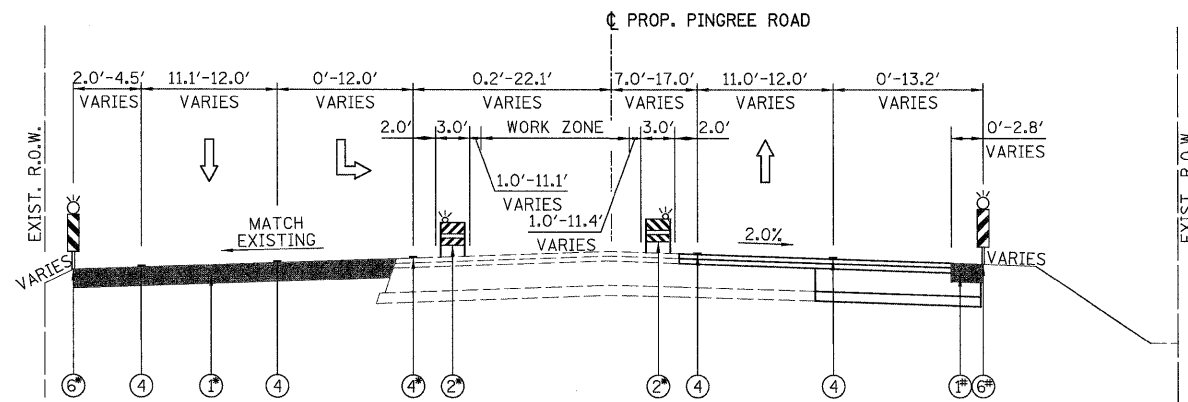
LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

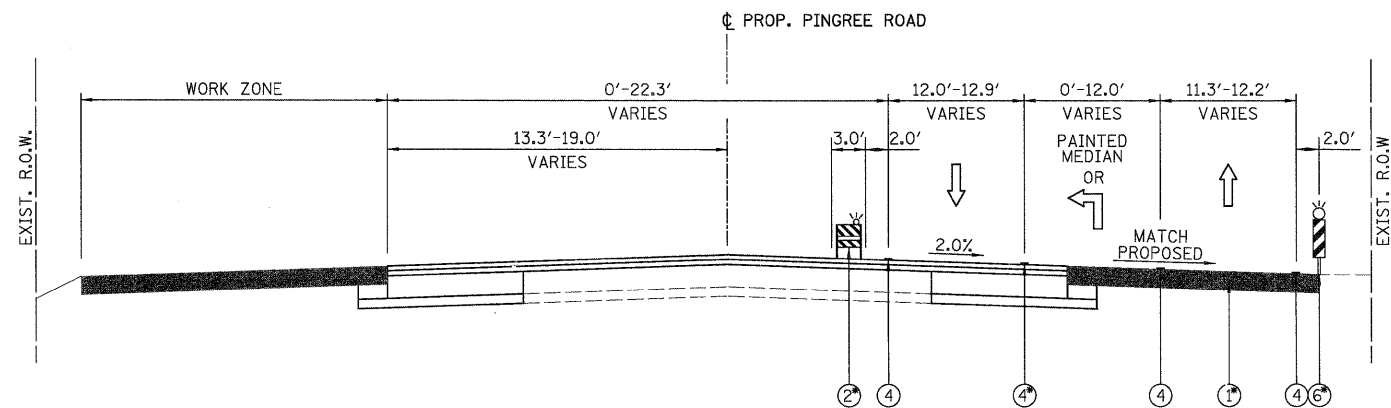
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	PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - MJV	REVISED -					0336	05-00308-00-WR	MCHENRY	606	78
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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -	REVISED -	SHEET NO. MOT 32 OF 100			STA.	TO STA.				



PINGREE ROAD STAGE 2 SUBSTAGE B

STA. 20+00.00 TO STA. 30+91.08

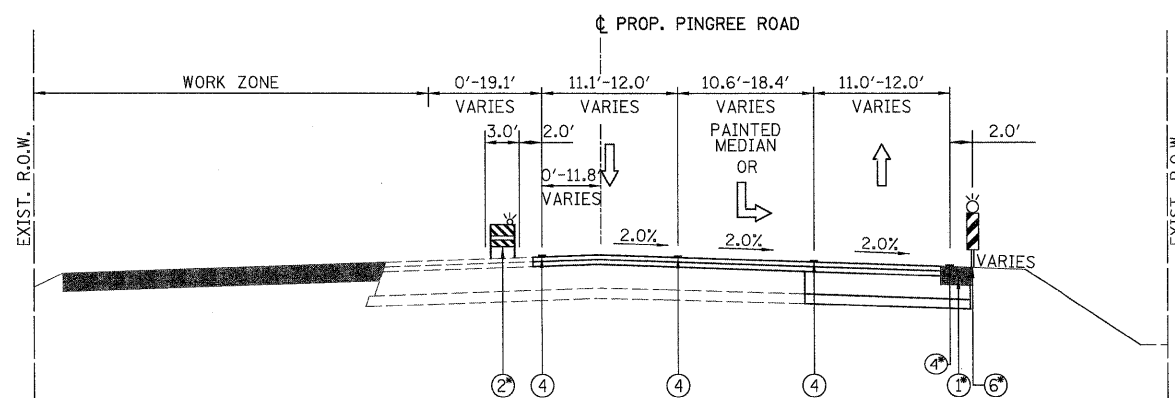
- ①⑥ - FROM STA. 20+63.11 TO STA. 30+91.08
- ② - FROM STA. 20+00.00 TO STA. 29+99.24
- ④ - FROM STA. 20+23.95 TO STA. 24+27.83
- ①⑥ - FROM STA. 21+35.08 TO STA. 23+67.47



PINGREE ROAD STAGE 2 SUBSTAGE C

STA. 13+00.00 TO STA. 20+00.00

- ①⑥ - FROM STA. 14+47.10 TO STA. 19+41.47
- ② - FROM STA. 13+66.83 TO STA. 19+45.99
- ④ - FROM STA. 10+37.29 TO STA. 19+43.49



PINGREE ROAD STAGE 2 SUBSTAGE C

STA. 20+00.00 TO STA. 30+91.08

- ①⑥ - FROM STA. 21+35.08 TO STA. 23+67.47
- ② - FROM STA. 20+00.00 TO STA. 29+99.24
- ④ - FROM STA. 20+00.00 TO STA. 23+13.62

LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.



USER NAME = Rdwy_Lisle
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 PLOT SCALE = 1:8.33333
 PLOT DATE = 7/29/2010

DESIGNED - MJV
 DRAWN - MJV
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -

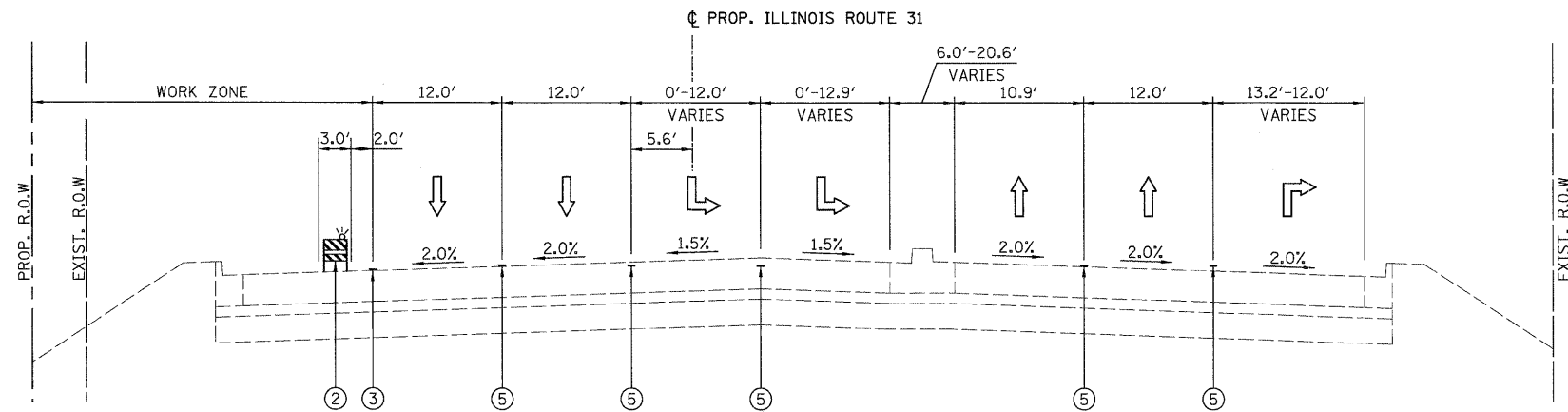


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 PINGREE ROAD PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

SCALE: N/A SHEET NO. MOT 33 OF 100 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	79
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	



ILLINOIS ROUTE 31 STAGE 2
 STA. 50+00.00 TO STA. 57+51.37

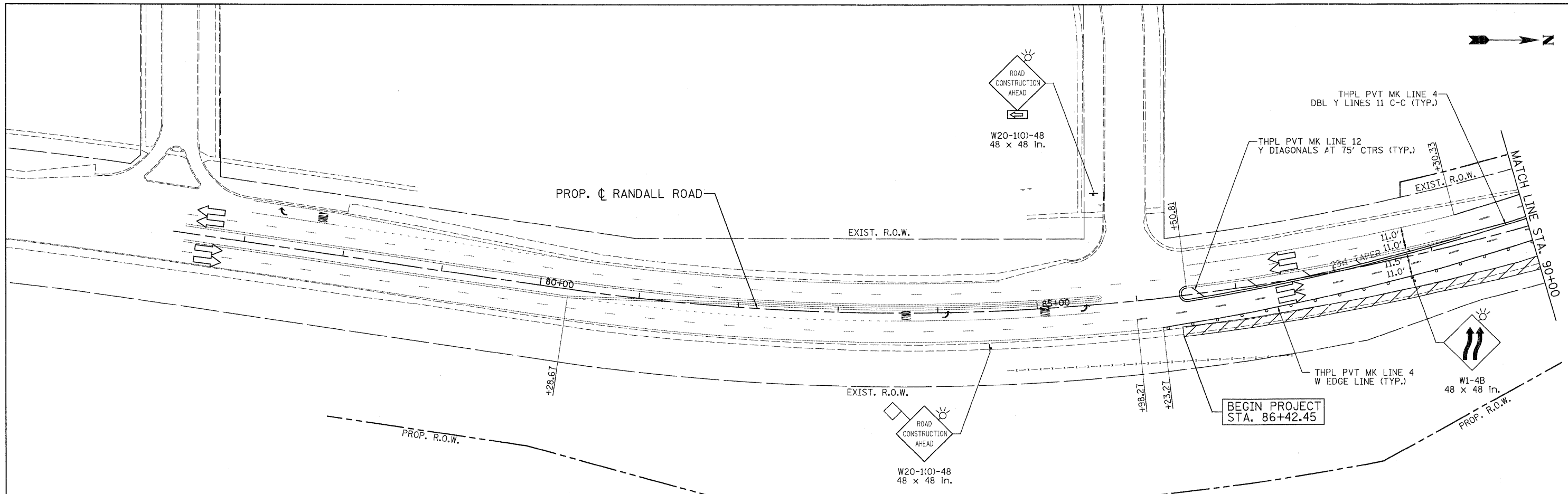
LEGEND:

- ① - TEMPORARY PAVEMENT, 8"
- ② - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS (50 FT C-C @ TANGENTS, 25 FT C-C @ TAPERS & 12 FT C-C ALONG RADII)
- ③ - THERMOPLASTIC PAVEMENT MARKING
- ④ - PAVEMENT MARKING TAPE, TY. III
- ⑤ - EXISTING PAVEMENT MARKING
- ⑥ - VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT C-C)

NOTES

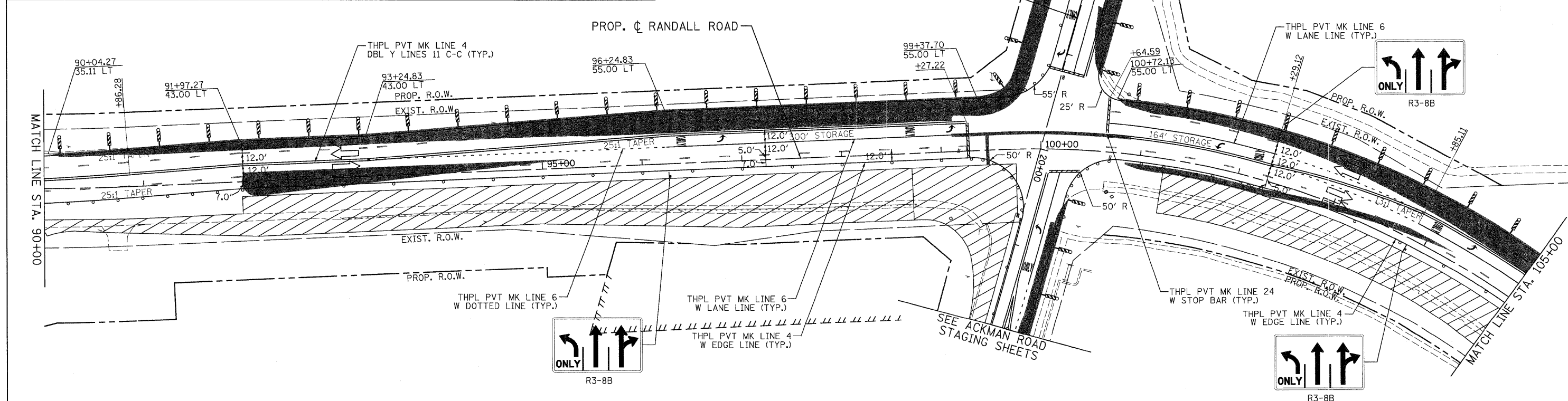
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR THERMOPLASTIC PAVEMENT MARKINGS AND TAPE INFORMATION.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

	USER NAME = Rdw.Lisle	DESIGNED - MJV	REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 ILLINOIS RTE 31 PROPOSED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - MJV	REVISED -					0336	05-00308-00-WR	MCHENRY	606	80
PLOT SCALE = 1:8,33333	CHECKED - JAH	REVISED -		SCALE: N/A			SHEET NO.	MOT 34 OF 100	STA.	TO STA.	CONTRACT NO. 63398	
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				



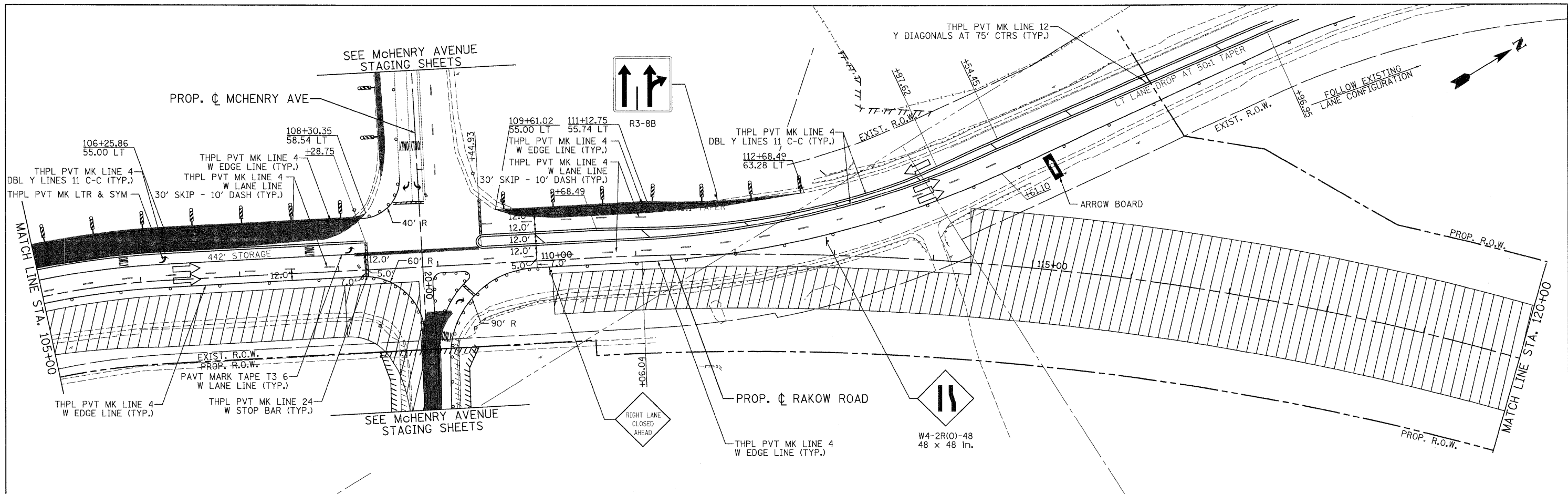
LEGEND

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	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



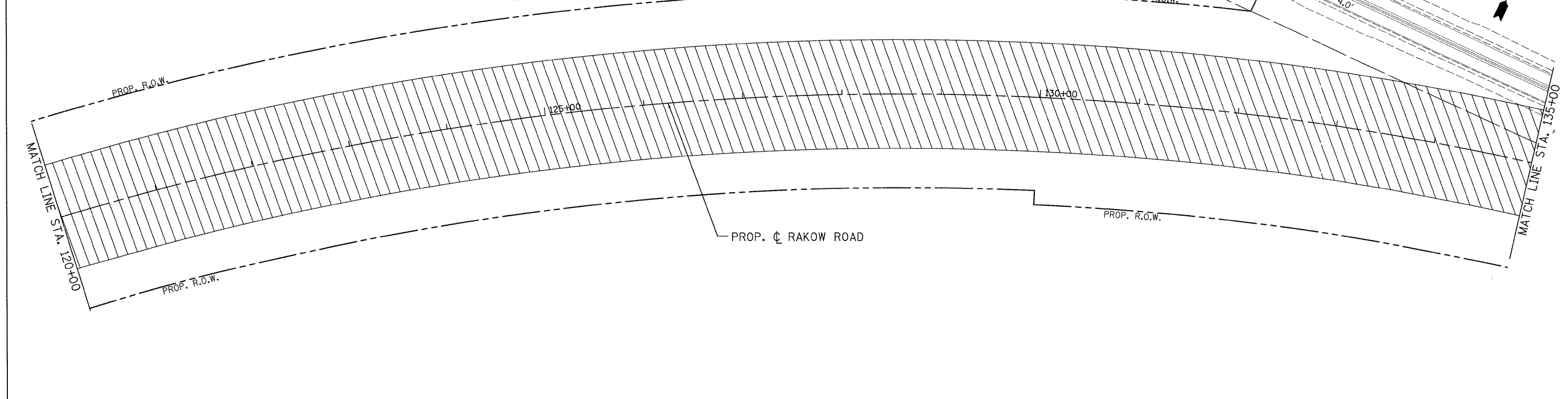
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	SCALE: 1"=50' SHEET NO. MOT 35 OF 100 STA. 86+42.45 TO STA. 105+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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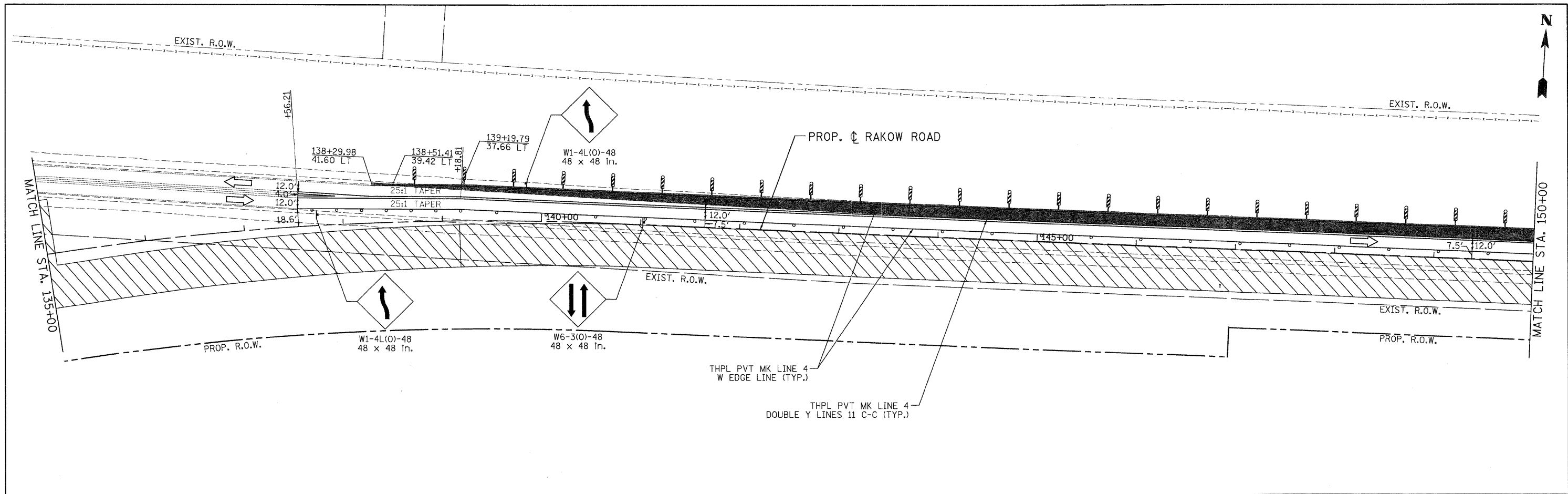
LEGEND

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	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



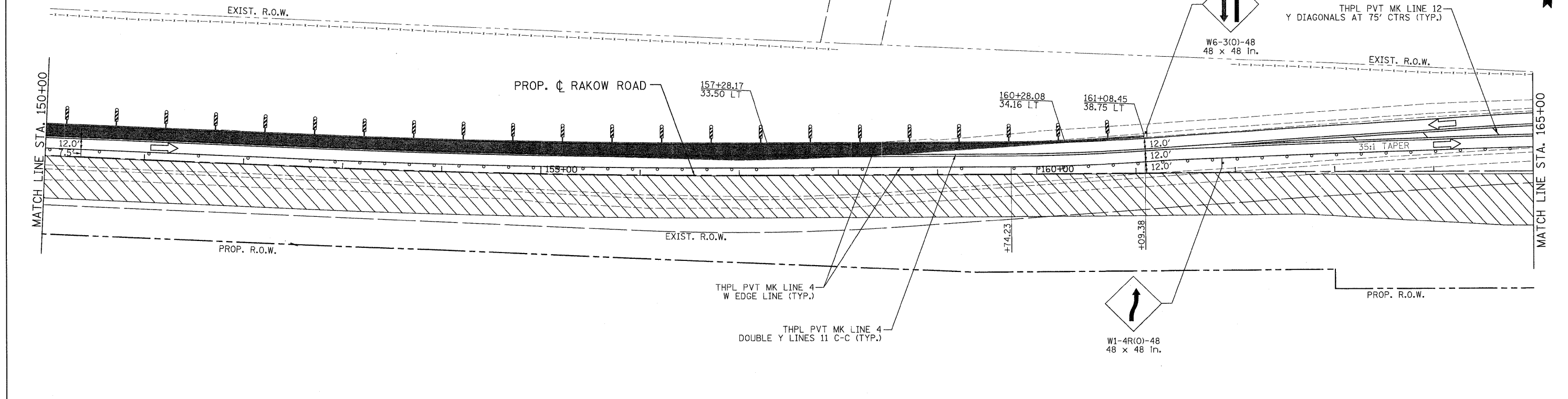
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	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -							

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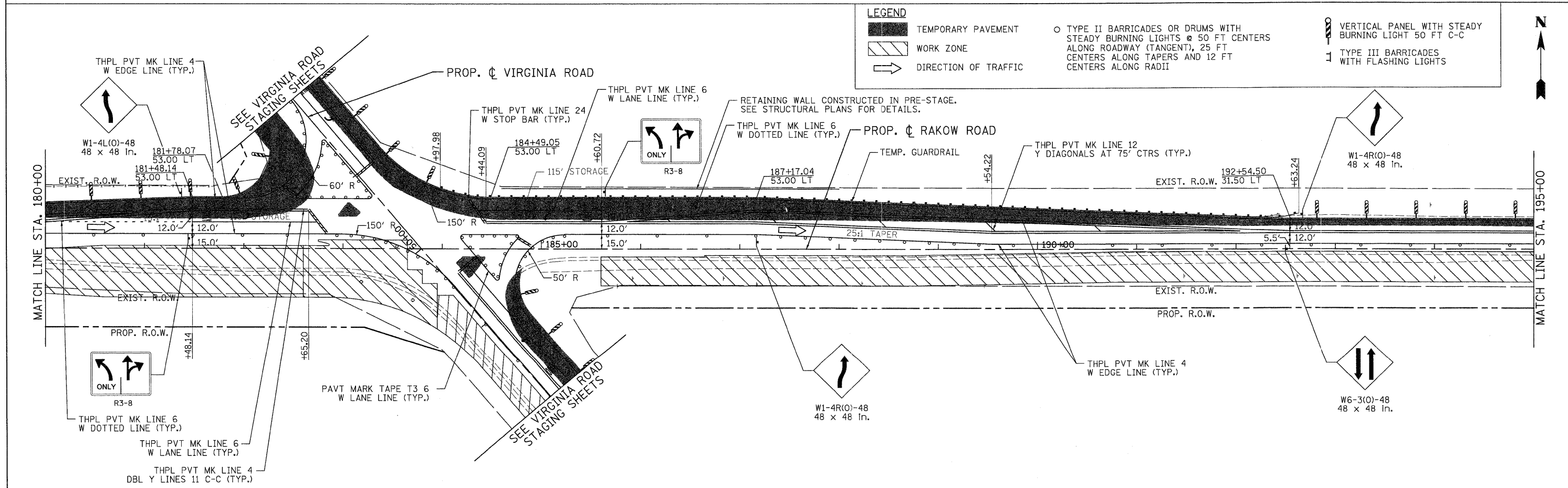
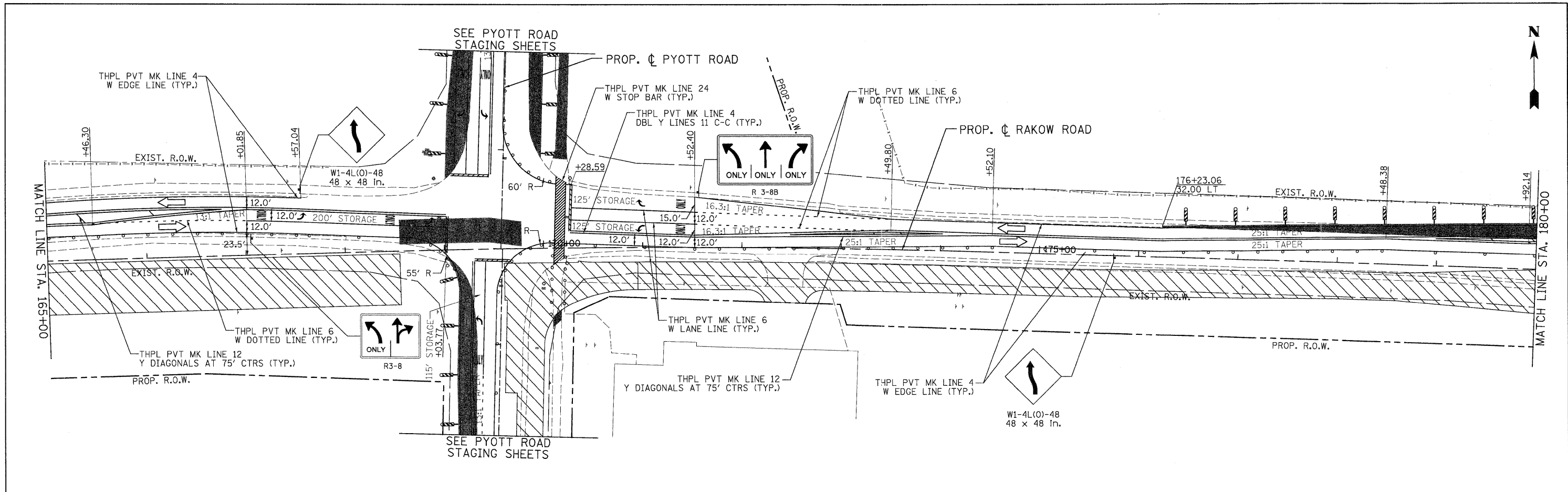
LEGEND

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	DIRECTION OF TRAFFIC		TYPE III BARRICADES WITH FLASHING LIGHTS		



	USER NAME = Rdwy_Lisle	DESIGNED - MJV	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL RAKOW ROAD STAGE 1		F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 83
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	PLOT SCALE = 1:50	CHECKED - JAH	REVISED -									
	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -									

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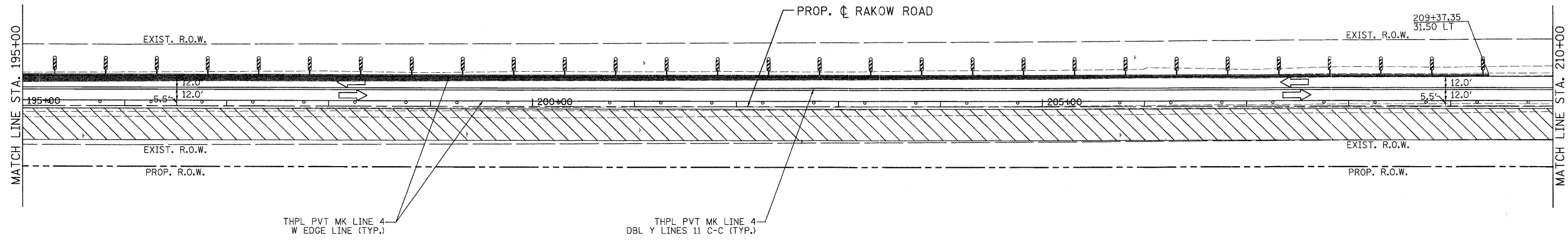


LEGEND

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
	WORK ZONE		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	DIRECTION OF TRAFFIC		TYPE III BARRICADES WITH FLASHING LIGHTS

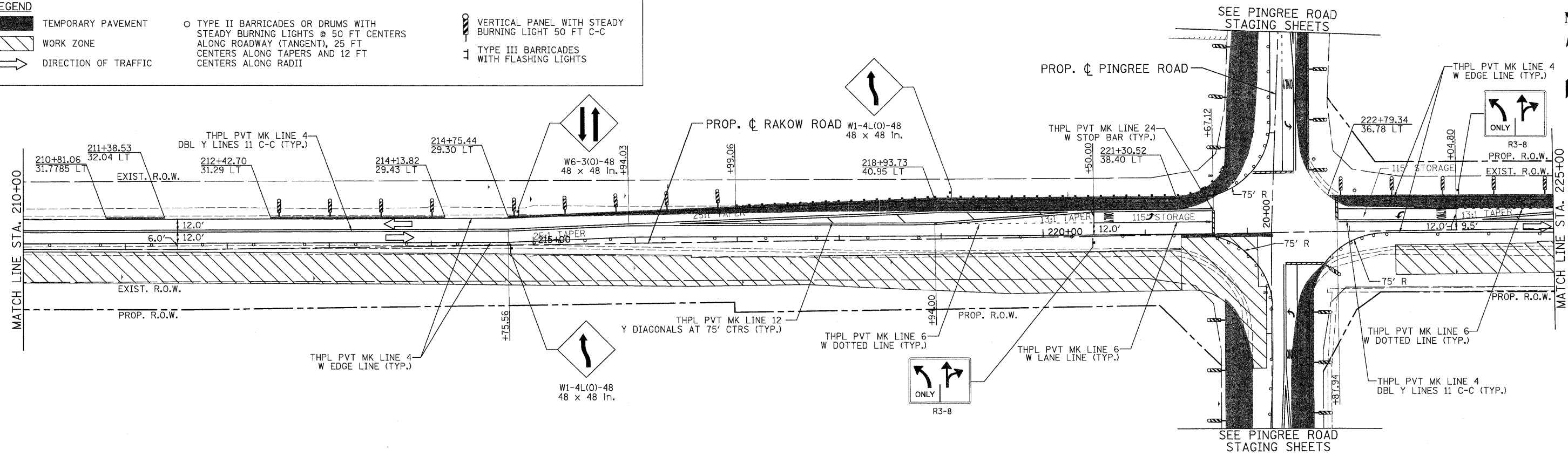
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	SCALE: 1"=50' SHEET NO. MOT 38 OF 100 STA. 165+00 TO STA. 195+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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LEGEND

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



USER NAME = rdwy_lisle	DESIGNED - MJV	REVISED -
PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - EJB	REVISED -
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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -



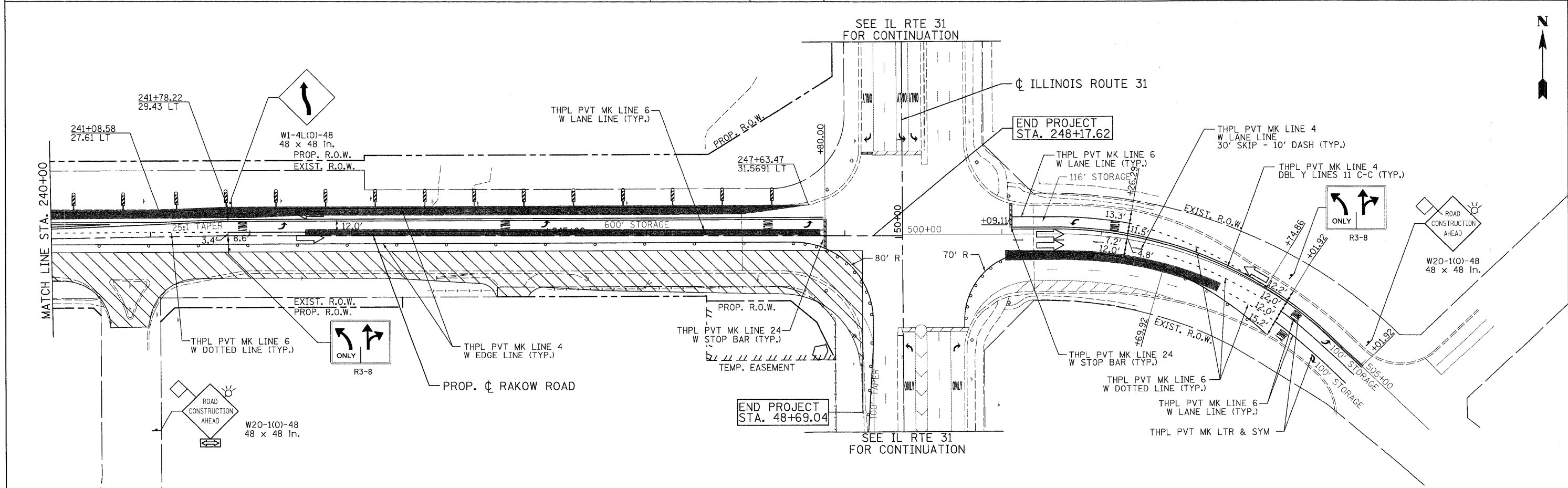
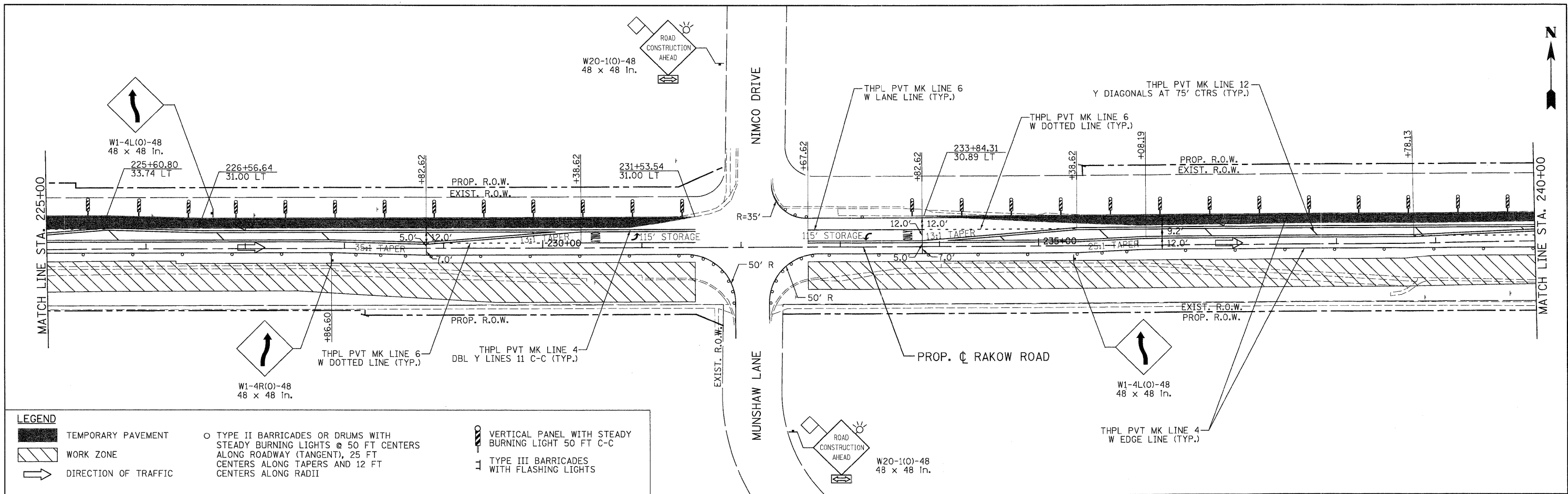
**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
RAKOW ROAD STAGE 1**

SCALE: 1"=50' SHEET NO. MOT 39 OF 100 STA. 195+00 TO STA. 225+00

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 85
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		

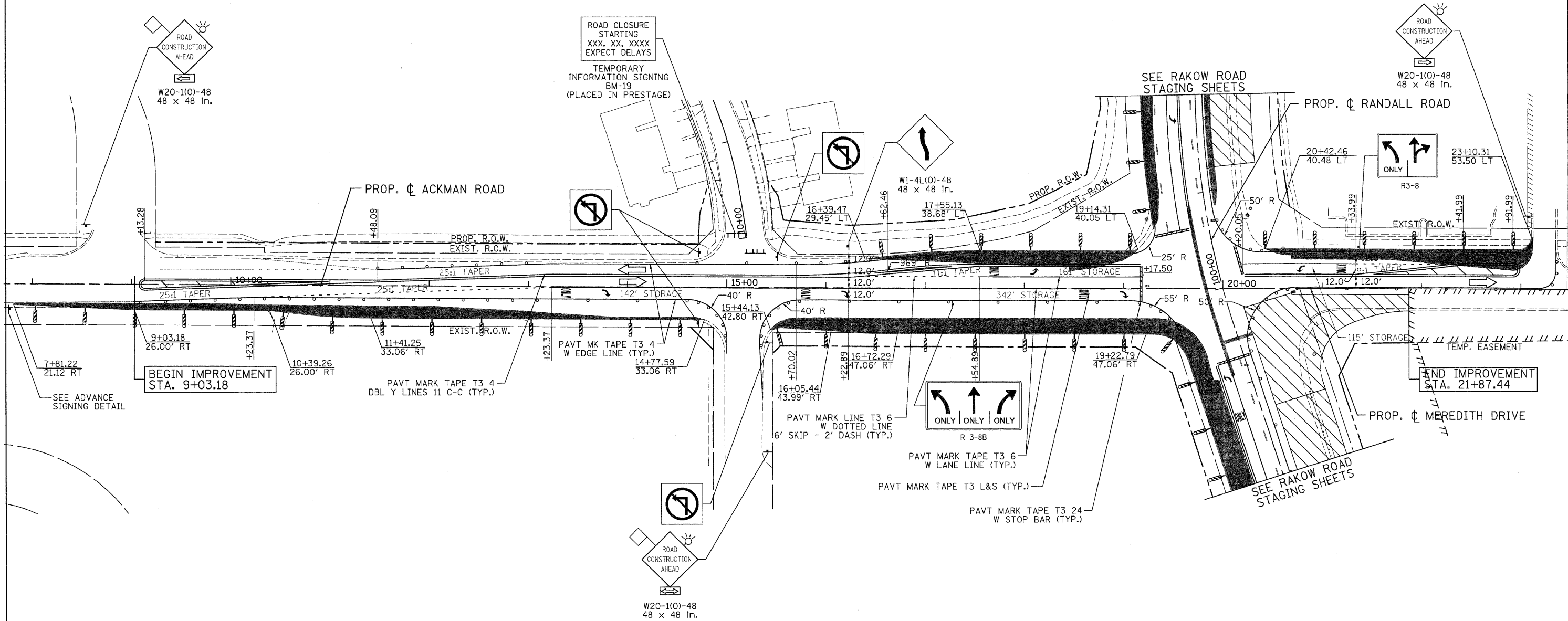
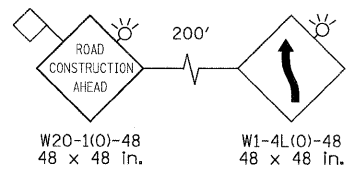
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	USER NAME = Rdwj_Lisle	DESIGNED - MJV	REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL RAKOW ROAD STAGE 1	F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 86
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	PLOT SCALE = 1:500	CHECKED - JAH	REVISED -							
	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -							

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ADVANCE SIGNING DETAIL:



LEGEND

- TEMPORARY PAVEMENT
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
- VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
- TYPE III BARRICADES WITH FLASHING LIGHTS



USER NAME = Rdwy_L1s1e	DESIGNED - MJV	REVISED -
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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -



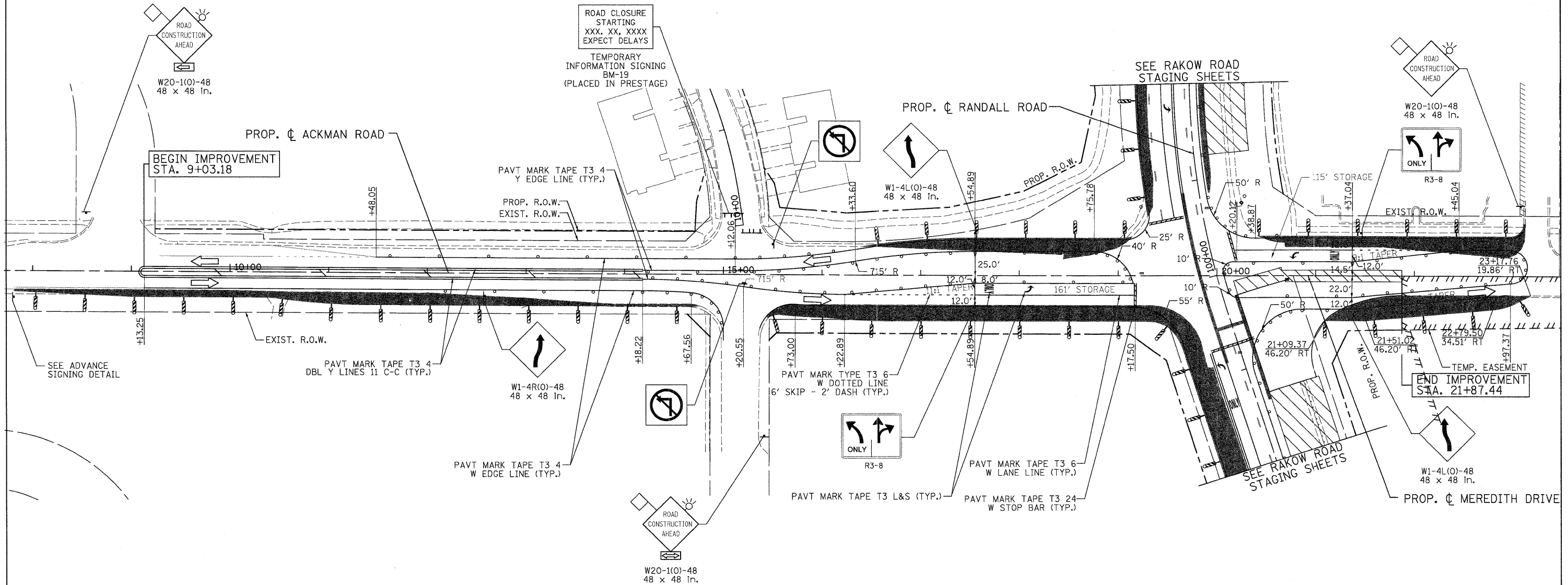
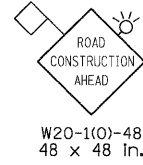
**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
ACKMAN ROAD STAGE 1A**

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 87
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		

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ADVANCE SIGNING DETAIL:



LEGEND

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				

<p>PATRICK ENGINEERING INC. LISLE, ILLINOIS</p>	USER NAME = Rdwy.Lisle PLOT CONFID = PDF(Grey, Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - MJV DRAWN - EJB CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	<p>MCHENRY COUNTY DIVISION OF TRANSPORTATION</p>	<p>RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL ACKMAN ROAD STAGE 1B</p>	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY FEDERAL ROAD DIST. NO. ILLINOIS FED. AID PROJECT	TOTAL SHEETS 606 SHEET NO. 88 CONTRACT NO. 63398
	SCALE: 1"=50' SHEET NO. MOT 42 OF 100 STA. 9+03.18 TO STA. 21+87.44						

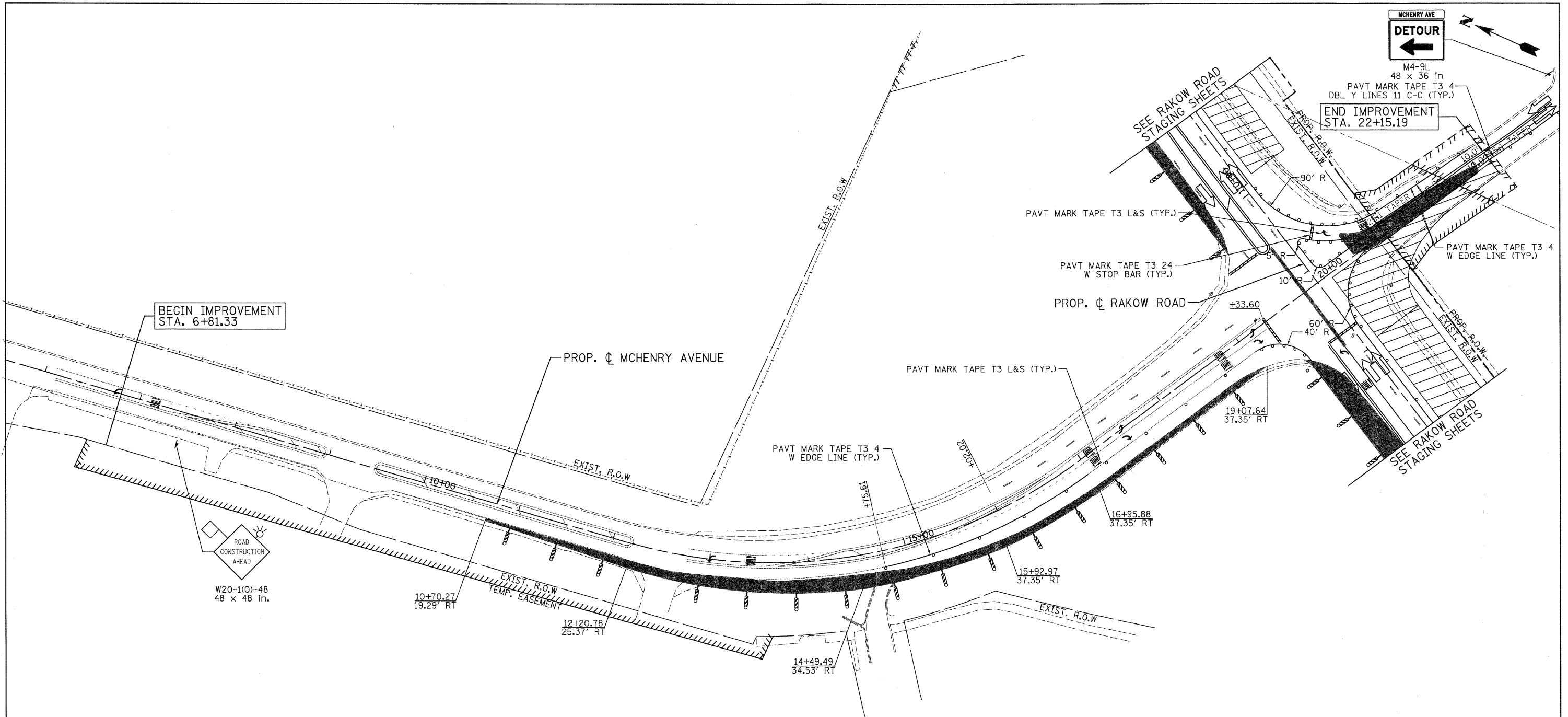
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MCHENRY AVE
DETOUR

M4-9L
48 x 36 In
PAVT MARK TAPE T3 4
DBL Y LINES 11 C-C (TYP.)

END IMPROVEMENT
STA. 22+15.19

BEGIN IMPROVEMENT
STA. 6+81.33



LEGEND					
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



USER NAME = Rdwj_Lisle	DESIGNED - MJV	REVISED -
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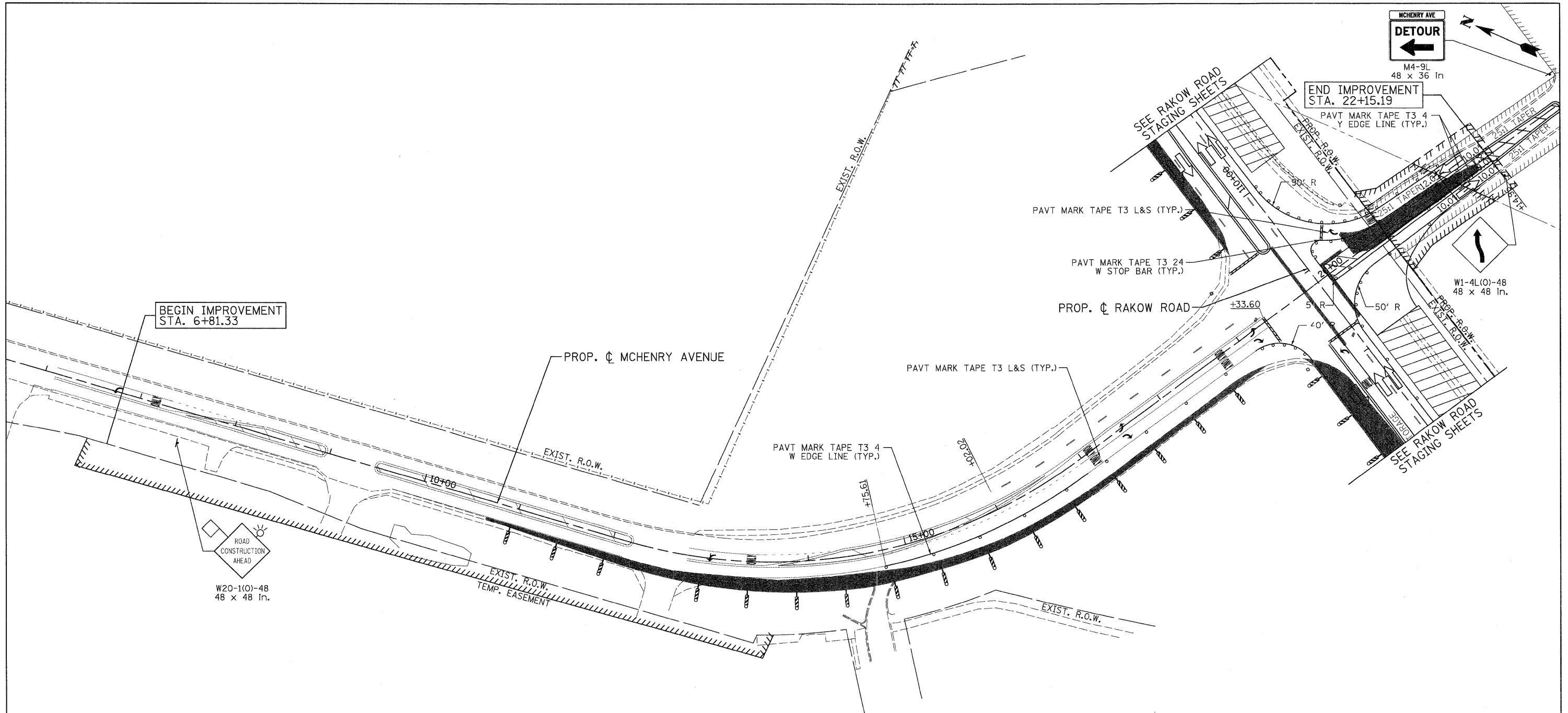
MCHENRY COUNTY
DIVISION OF TRANSPORTATION

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
MCHENRY AVENUE STAGE 1A**

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 90
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	

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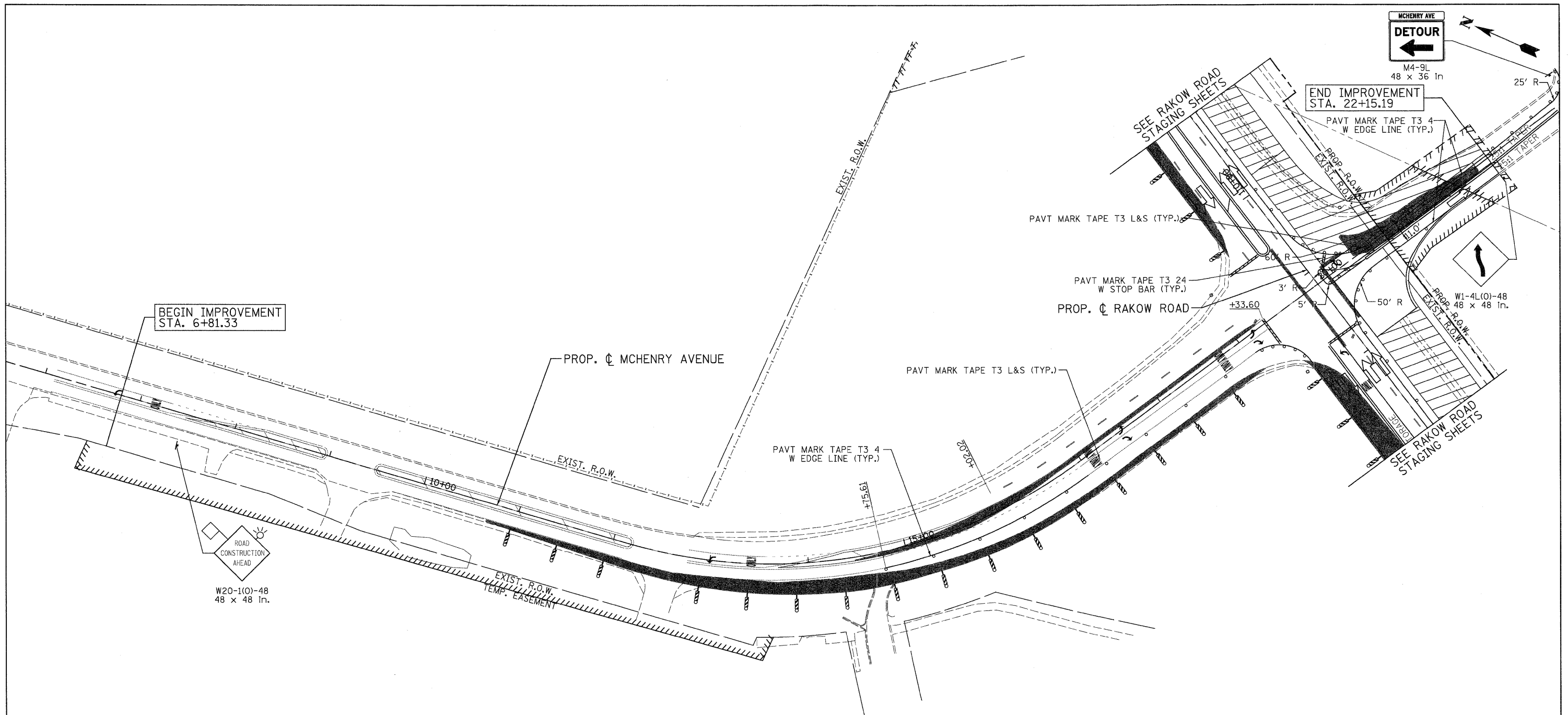
SCALE: 1"=50' SHEET NO. MOT 44 OF 100 STA. 6+81.33 TO STA. 22+15.19



LEGEND					
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		DIRECTION OF TRAFFIC		TYPE III BARRICADES WITH FLASHING LIGHTS

PATRICK ENGINEERING INC. Lisle, Illinois	USER NAME = Rdky_Lisle PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - MJV DRAWN - EJB CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL MCHENRY AVENUE STAGE 1B	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY CONTRACT NO. 63398	TOTAL SHEETS 606 SHEET NO. 91
	SCALE: 1"=50' SHEET NO. MOT 45 OF 100 STA. 6+81.33 TO STA. 22+15.19		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

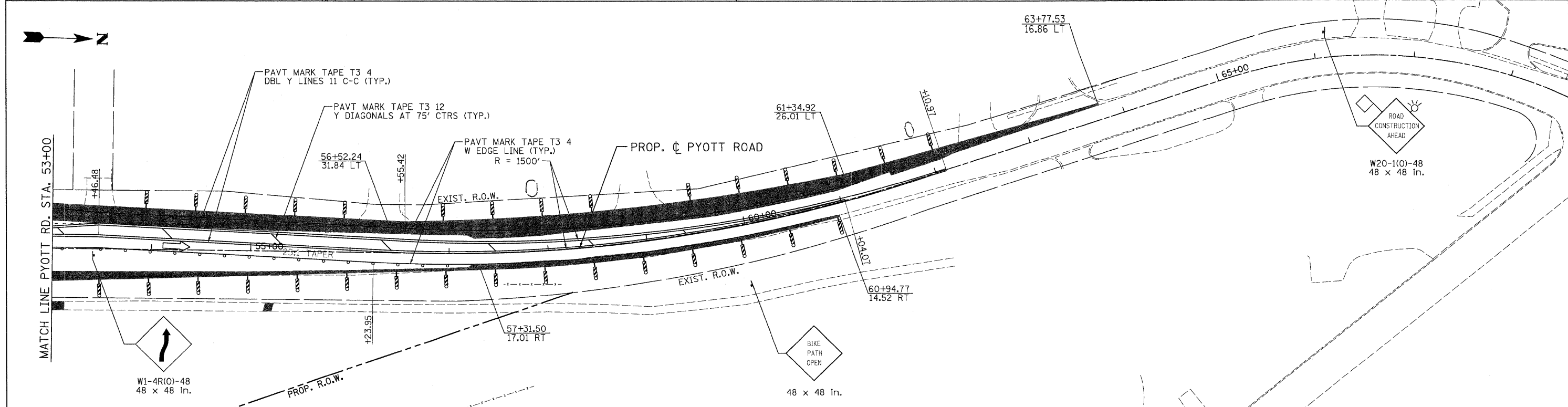
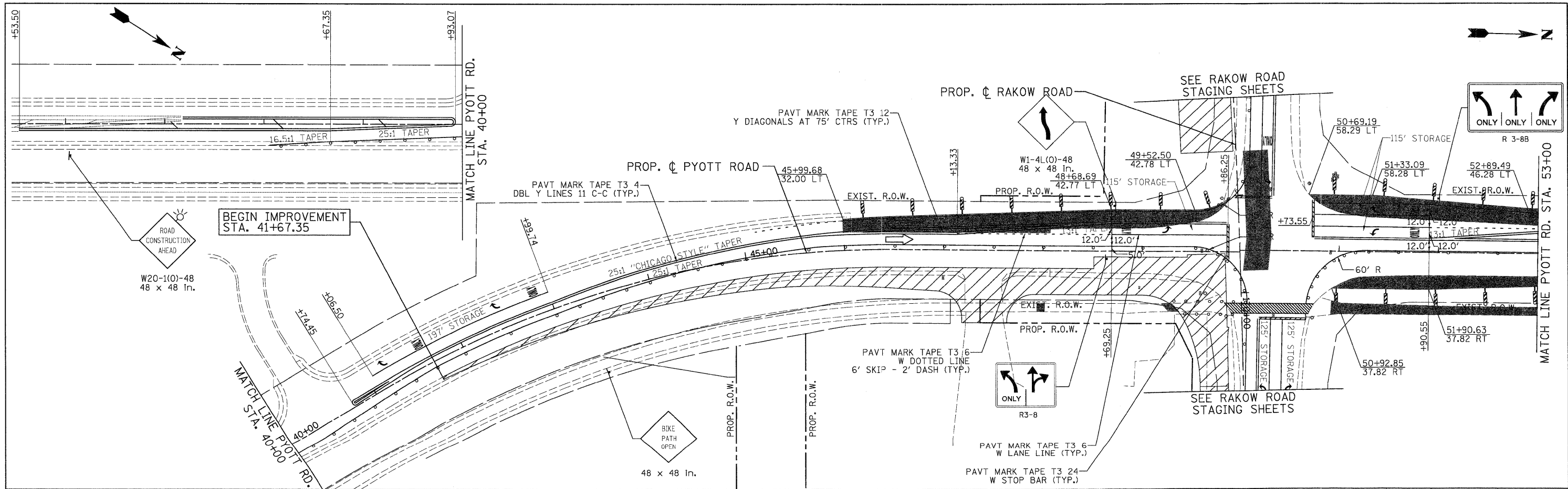
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LEGEND			
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
	WORK ZONE		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	DIRECTION OF TRAFFIC		TYPE III BARRICADES WITH FLASHING LIGHTS

PATRICK ENGINEERING INC. LISLE, ILLINOIS	USER NAME = Rduj.Lisle PLOT CONFIG = PDF(Reg, Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - MJV DRAWN - EJB CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL MCHENRY AVENUE STAGE 1C	F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 92
	SCALE: 1"=50'	SHEET NO. MOT 46 OF 100	STA. 6+81.33 TO STA. 22+15.19			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 63398			

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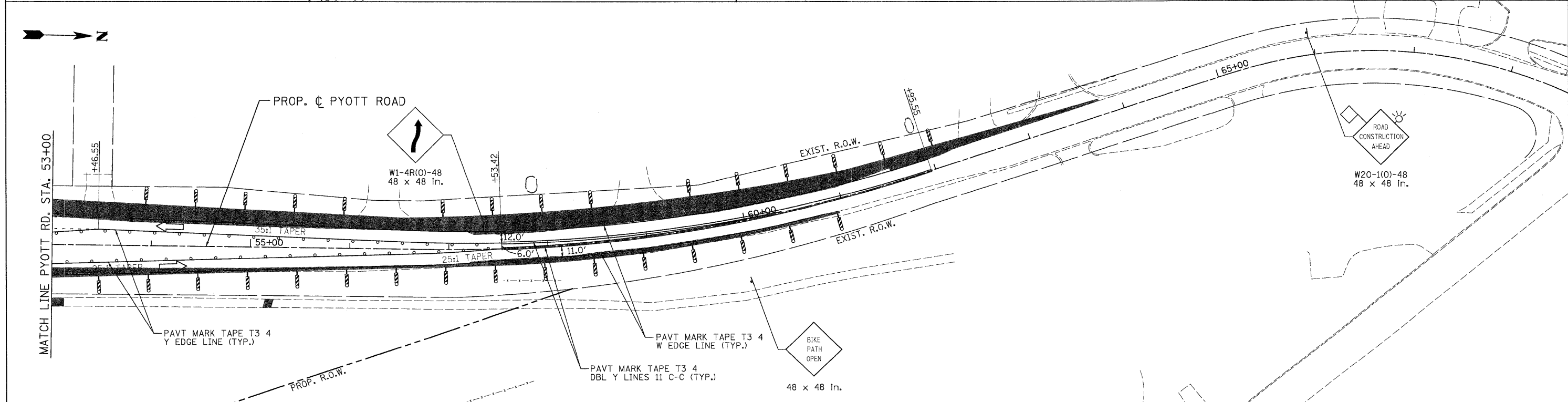
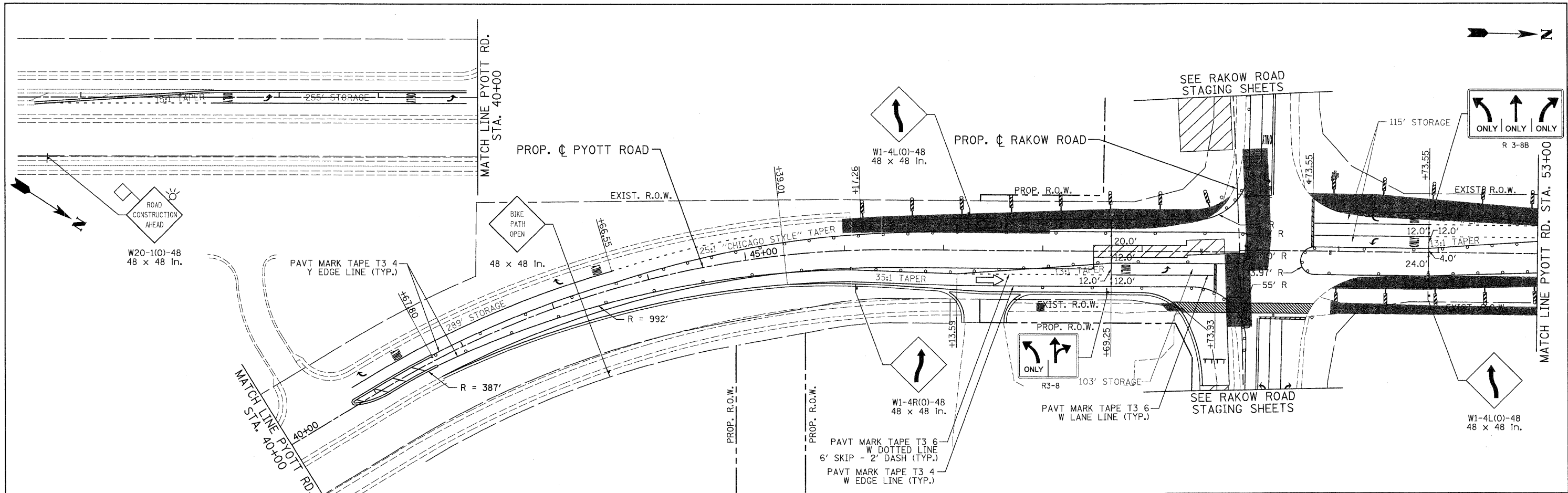


- NOTES:**
- EXISTING BIKE PATH MUST REMAIN OPEN AT ALL TIMES WHILE THE PROPOSED BIKE PATH AND BRIDGE ARE BEING CONSTRUCTED
 - TYPE II BARRICADES WITH LIGHTS NEED TO BE INSTALLED ON BOTH SIDES OF THE TEMPORARY BIKE PATH THROUGH THE WORK ZONE.

LEGEND			
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS
	DIRECTION OF TRAFFIC		

PATRICK ENGINEERING INC. LISLE, ILLINOIS	USER NAME = mvasak(Rdwg_Lisle) PLOT CONFIG = DMP_PDF(Grey_Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - MJV DRAWN - EJB CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL PYOTT ROAD STAGE 1A	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY CONTRACT NO. 63398	TOTAL SHEETS 606 SHEET NO. 93
	SCALE: 1"=50' SHEET NO. MOT 47 OF 100 STA. 41+67.35 TO STA. 65+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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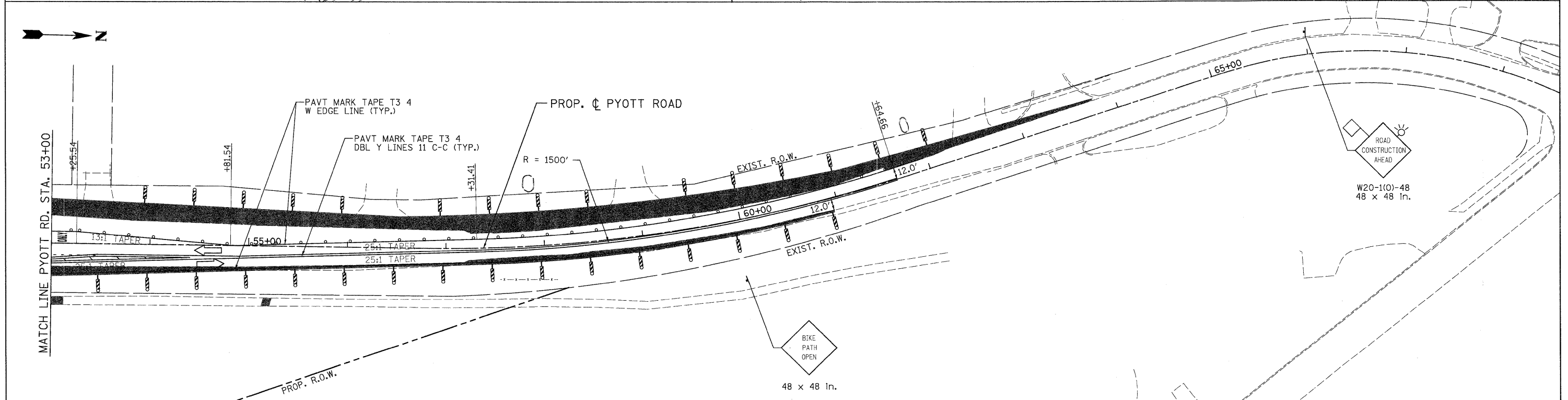
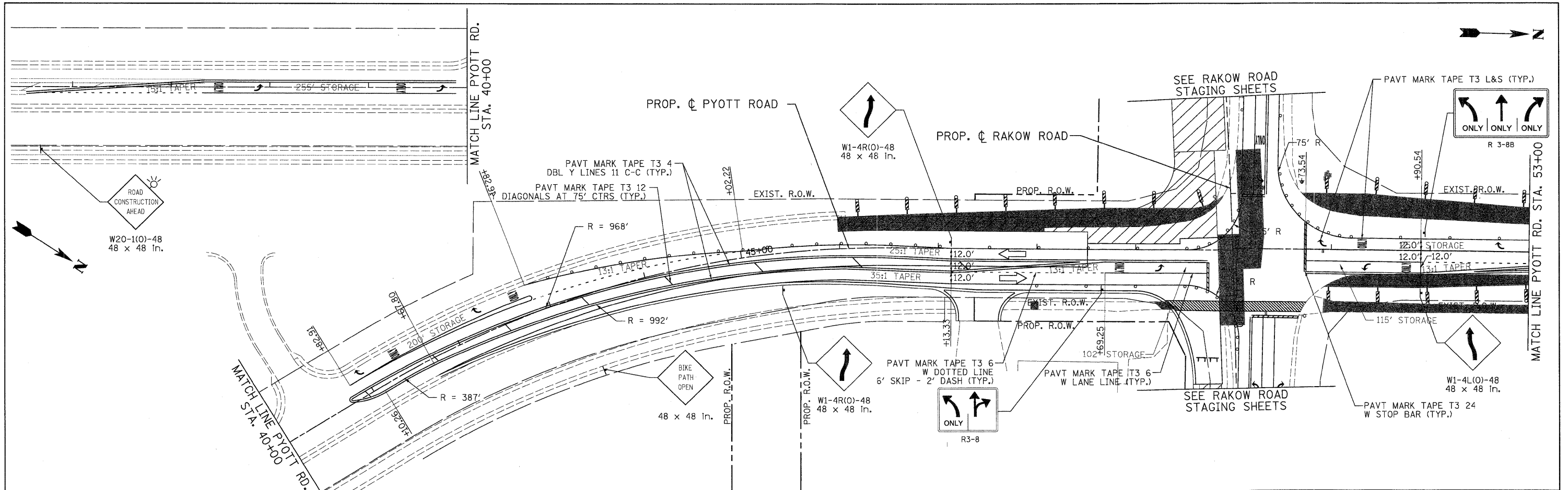


- NOTES:**
- EXISTING BIKE PATH MUST REMAIN OPEN AT ALL TIMES WHILE THE PROPOSED BIKE PATH AND BRIDGE ARE BEING CONSTRUCTED
 - TYPE II BARRICADES WITH LIGHTS NEED TO BE INSTALLED ON BOTH SIDES OF THE TEMPORARY BIKE PATH THROUGH THE WORK ZONE.

LEGEND			
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
	WORK ZONE		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	DIRECTION OF TRAFFIC		TYPE III BARRICADES WITH FLASHING LIGHTS

PATRICK ENGINEERING INC. LISLE, ILLINOIS	USER NAME = Rdey.Lis1e PLOT CONFIG = POF(Grey, Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - MJV DRAWN - EJB CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL PYOTT ROAD STAGE 1B	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY TOTAL SHEETS 606 SHEET NO. 94 CONTRACT NO. 63398
	SCALE: 1"=50' SHEET NO. MOT 48 OF 100 STA. 41+67.35 TO STA. 65+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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NOTES:

1. EXISTING BIKE PATH MUST REMAIN OPEN AT ALL TIMES WHILE THE PROPOSED BIKE PATH AND BRIDGE ARE BEING CONSTRUCTED
2. TYPE II BARRICADES WITH LIGHTS NEED TO BE INSTALLED ON BOTH SIDES OF THE TEMPORARY BIKE PATH THROUGH THE WORK ZONE.

LEGEND

- TEMPORARY PAVEMENT
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
- VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
- TYPE III BARRICADES WITH FLASHING LIGHTS



USER NAME = Rdky.Lis1e	DESIGNED - MJV	REVISED -
PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - EJB	REVISED -
PLOT SCALE = 1:150	CHECKED - JAH	REVISED -
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -

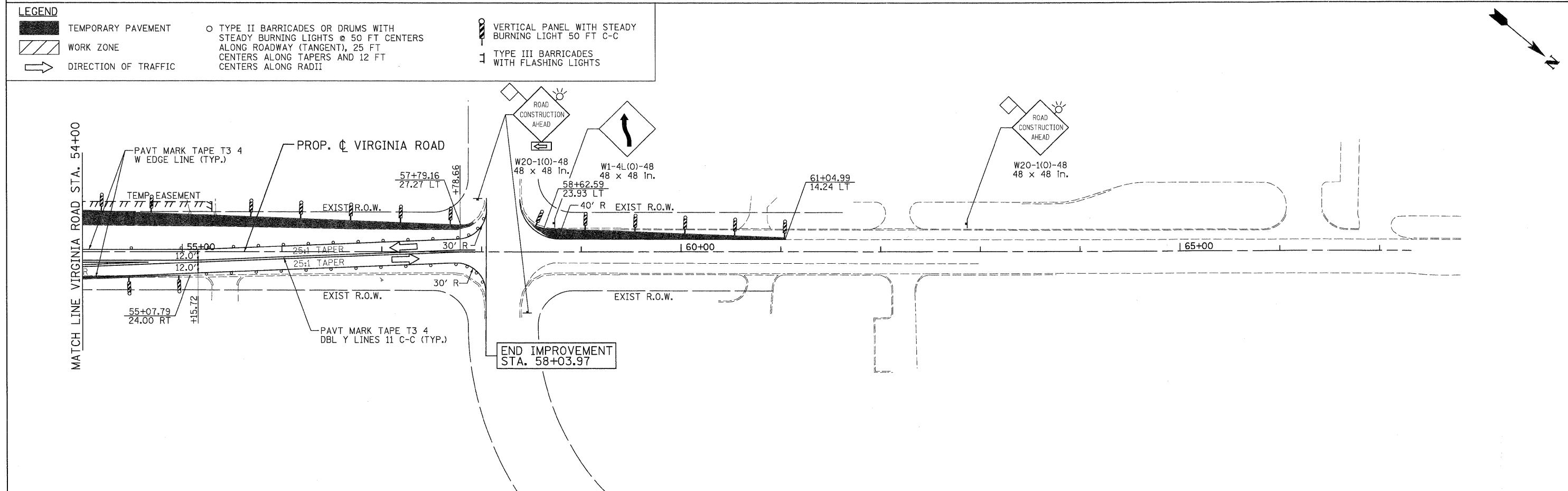
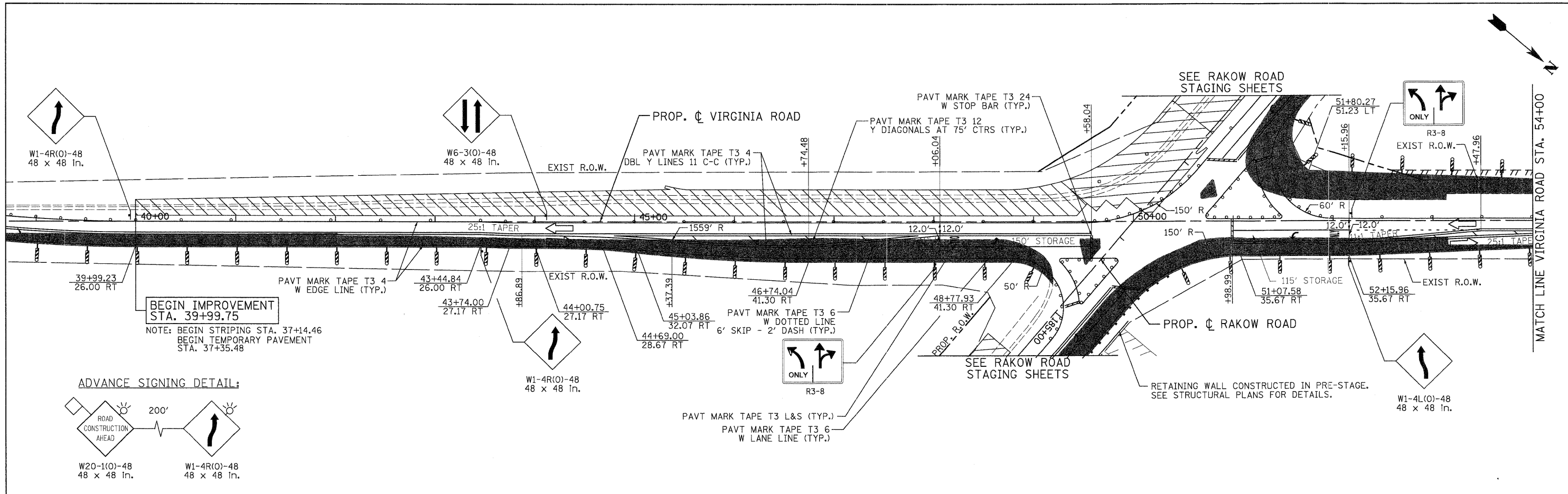


**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
PYOTT ROAD STAGE 1C**

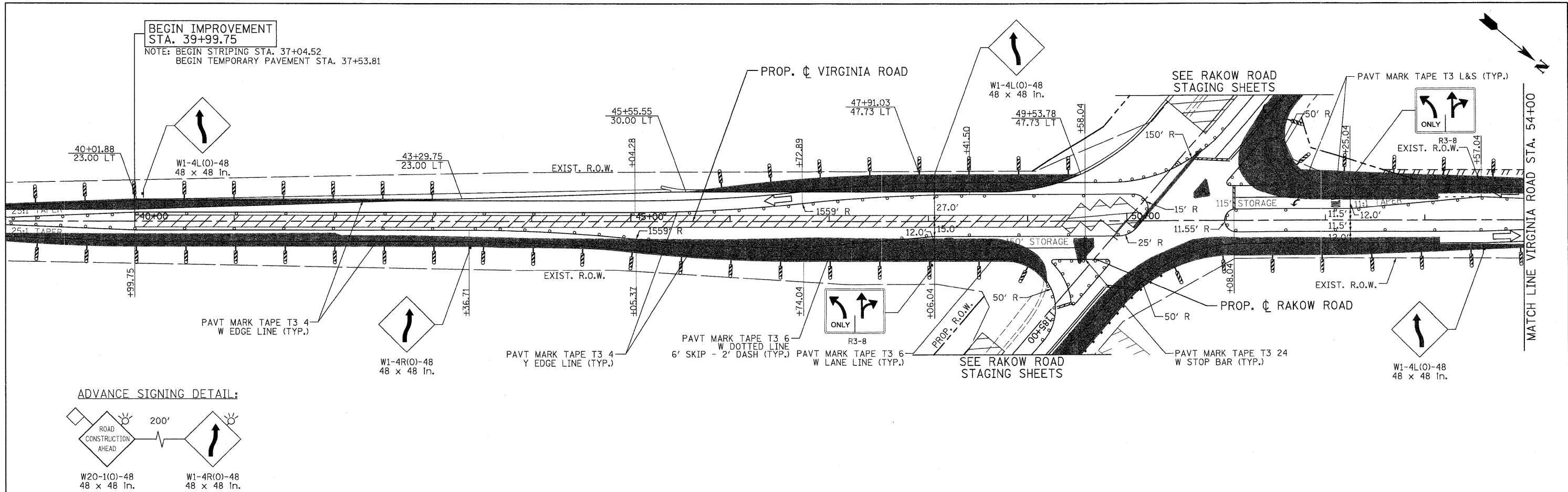
SCALE: 1"=50' SHEET NO. MOT 49 OF 100 STA. 41+67.35 TO STA. 65+00

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 95
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		

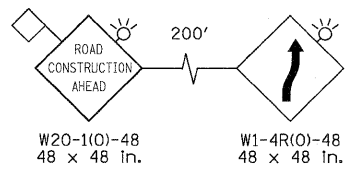


PATRICK ENGINEERING INC. LISLE, ILLINOIS	USER NAME = Rdwy_Lisle PLOT CONFIG = PDF(Grey, Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - MJV DRAWN - EJB CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL VIRGINIA ROAD STAGE 1A	F.A.P. RTE. = 0336 SECTION = 05-00308-00-WR COUNTY = MCHENRY FEDERAL AID PROJECT	TOTAL SHEETS = 606 SHEET NO. = 96 CONTRACT NO. = 63398
	SCALE: 1"=50' SHEET NO. MOT 50 OF 100 STA. 39+99.75 TO STA. 58+03.97						

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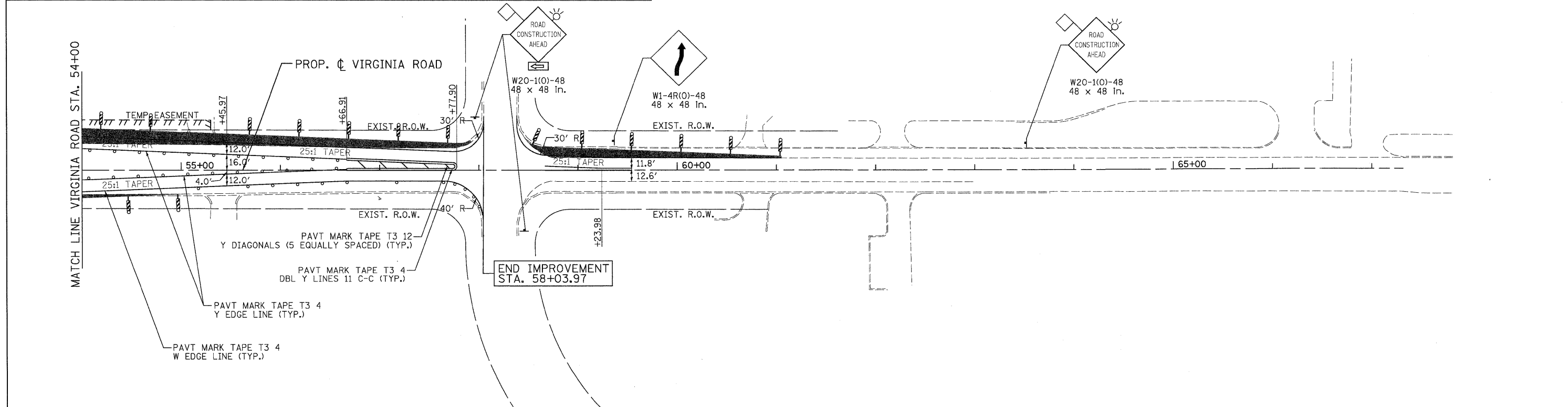


ADVANCE SIGNING DETAIL:



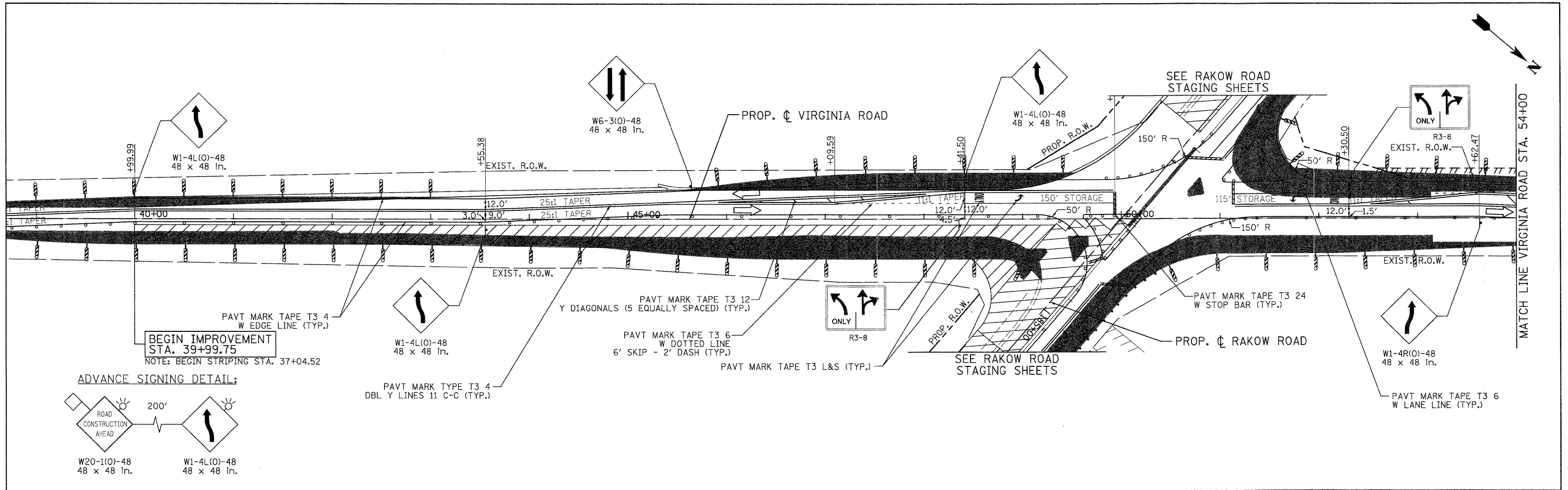
LEGEND

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



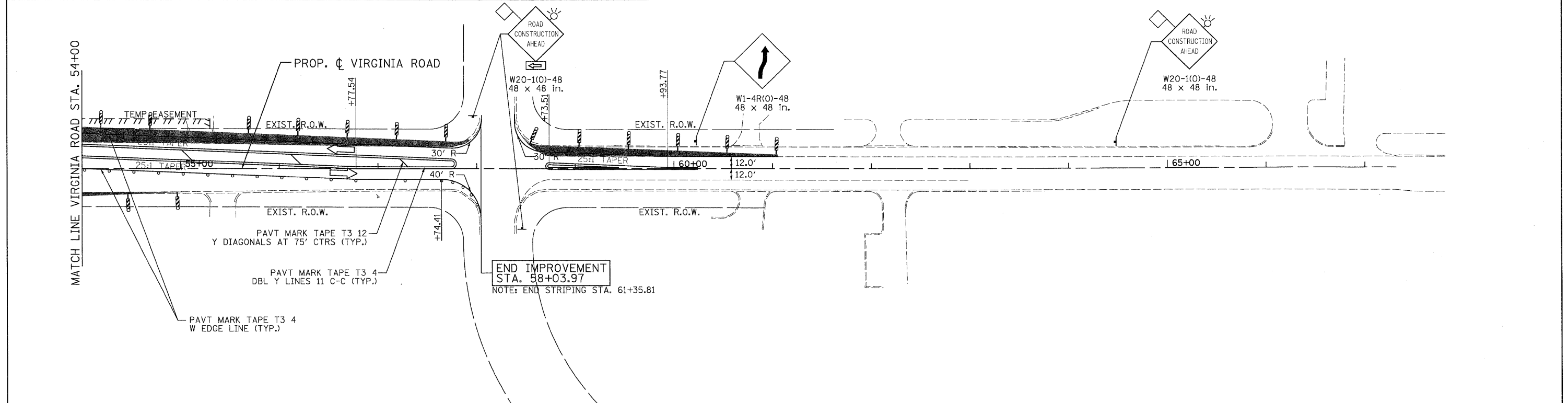
<p>PATRICK ENGINEERING INC. LISLE, ILLINOIS</p>	USER NAME = Rduy_Lisle PLOT CONFIG = PDF(Grey, Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - MJV DRAWN - EJB CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	<p>MCHENRY COUNTY DIVISION OF TRANSPORTATION</p>	<p>RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL VIRGINIA ROAD STAGE 1B</p>	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY FEDERAL AID PROJECT	TOTAL SHEETS 606 SHEET NO. 97 CONTRACT NO. 63398
	SCALE: 1"=50' SHEET NO. MOT 51 OF 100 STA. 39+99.75 TO STA. 58+03.97						

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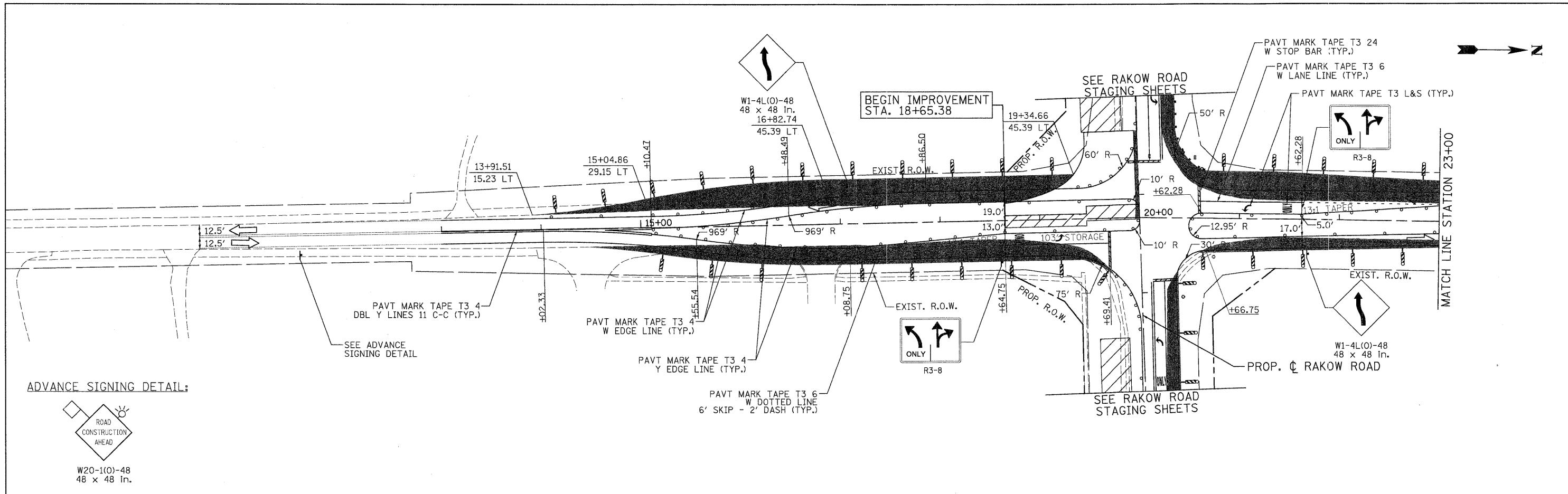
LEGEND

TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
WORK ZONE	TYPE III BARRICADES WITH FLASHING LIGHTS	
DIRECTION OF TRAFFIC		



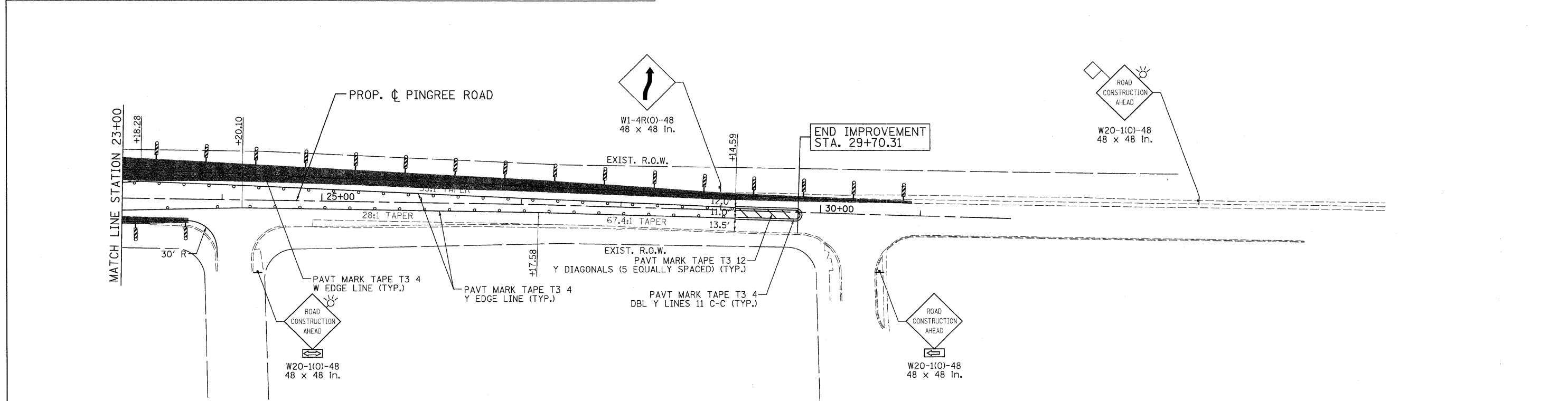
PATRICK ENGINEERING INC. LISLE, ILLINOIS	USER NAME = Rdwj.Lisle PLOT CONFIG = PDF(Greg-Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - MJV DRAWN - EJB CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL VIRGINIA ROAD STAGE 1C	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY TOTAL SHEETS 606 SHEET NO. 98	CONTRACT NO. 63398
	SCALE: 1"=50' SHEET NO. MOT 52 OF 100 STA. 39+99.75 TO STA. 58+03.97		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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LEGEND

TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
WORK ZONE	TYPE III BARRICADES WITH FLASHING LIGHTS	
DIRECTION OF TRAFFIC		



PATRICK ENGINEERING INC. LISLE, ILLINOIS	USER NAME = Rduy_Lisle PLOT CONFIG = PDF(Grey, Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - MJV DRAWN - EJB CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL PINGREE ROAD STAGE 1B	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY CONTRACT NO. 63398	TOTAL SHEETS 606 SHEET NO. 100
	SCALE: 1"=50' SHEET NO. MOT 54 OF 100 STA. 18+65.38 TO STA. 29+70.31		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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