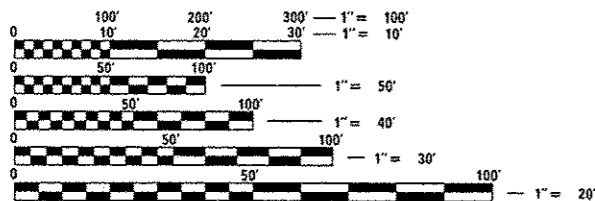


FOR INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

IMPROVEMENTS LOCATED IN THE CITY OF CRYSTAL LAKE, MCHENRY COUNTY

US ROUTE 14
 DESIGN DESIGNATION - 3235(23) 11.47 (PCC-20)
 EXISTING ADT (2005) 17,000 TO 34,200
 PROPOSED ADT (2030) 20,400 TO 36,700
 DESIGN SPEED = 40 TO 50 MPH
 POSTED SPEED = 35 TO 50 MPH
 LUCAS RD
 EXISTING ADT (2005) 1,000
 PROPOSED ADT (2030) 6,000
 DESIGN SPEED = 45 MPH
 POSTED SPEED = 40 MPH
 RIDGEFIELD RD SOUTH
 EXISTING ADT (2005) 4,350
 PROPOSED ADT (2030) 11,000
 DESIGN SPEED = 45 MPH
 POSTED SPEED = 45 MPH
 IL ROUTE 176
 EXISTING ADT (2005) 16,500
 PROPOSED ADT (2030) 24,000
 DESIGN SPEED = 45 TO 55 MPH
 POSTED SPEED = 40 TO 45 MPH
 WOODSTOCK ST.
 EXISTING ADT (2005) 2,000
 PROPOSED ADT (2030) 3,000
 DESIGN SPEED = 35 MPH
 POSTED SPEED = 30 MPH
 CRYSTAL LAKE AVE.
 EXISTING ADT (2005) 3,800
 PROPOSED ADT (2030) 4,000
 DESIGN SPEED = 35 MPH
 POSTED SPEED = 30 MPH



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

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

PROJECT MANAGER: LONG TRAN (847) 705-4232
 PROJECT ENGINEER: CRAIG BAUER (847) 705-4265

CONTRACT NO. 62517

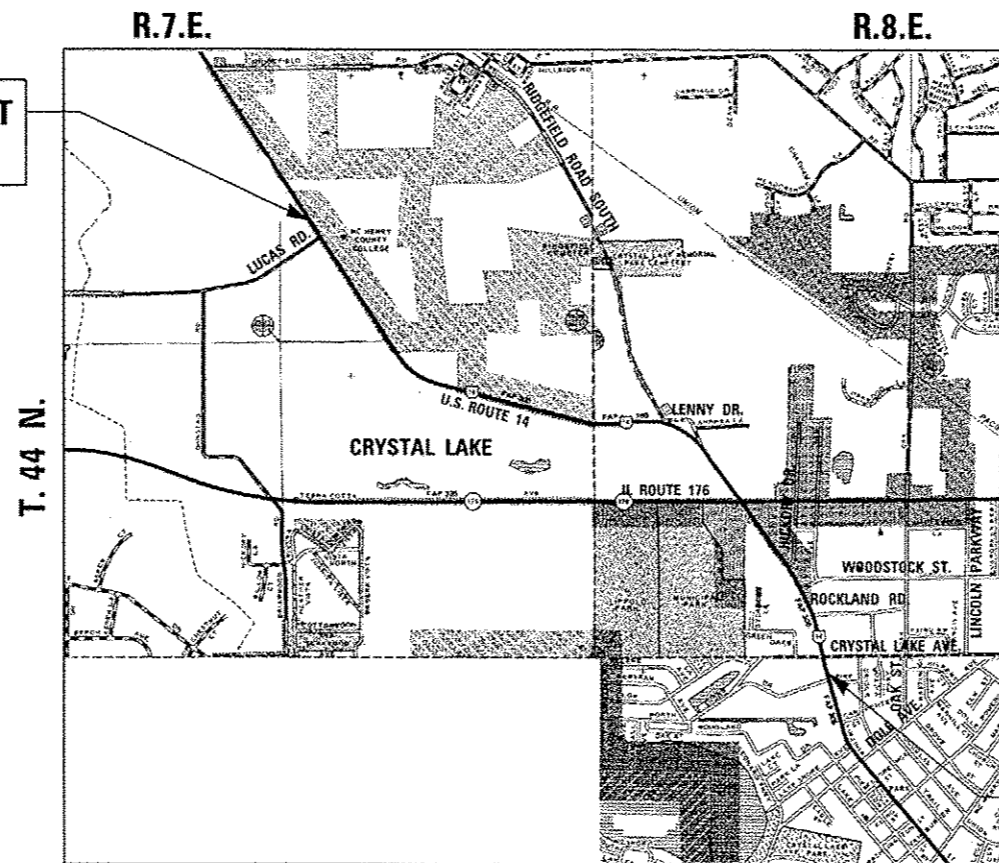
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

PROPOSED
 HIGHWAY PLANS

FAP ROUTE 305 (US ROUTE 14)
 LUCAS ROAD TO CRYSTAL LAKE AVENUE
 SECTION 27R-3

RECONSTRUCTION, RESURFACING, AND WIDENING
 MCHENRY COUNTY
 C-91-304-02

BEGIN IMPROVEMENT
 STA. 493 + 00.00



N
 SCALE: 1" = 1600'

P.E. SEAL
 MICHAEL G. ZORN
 062-055448
 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

SHEETS: 1-162, 210-251, 323-431
 Michael Zorn
 SIGNED 11/30/15 EXPIRES 6/4/14 DATE

P.E. SEAL
 ROBERT A. SWANSON
 062-058800
 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

SHEETS: 268-319, 321-322
 Robert A. Swanson
 SIGNED 11/30/15 EXPIRES 6/4/14 DATE

END IMPROVEMENT
 STA. 619 + 25.58

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 SUBMITTED June 5 20 14
 John Fortmann
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
 June 27 20 14
 John D. Baranzelli, P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT
 June 27 20 14
 Omer Osman, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

LOCHNER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	1
ILLINOIS			CONTRACT NO. 62517	

* 431 + 19 = 450

D-91-304-02



GROSS LENGTH & NET LENGTH = 12,265.58 FT. = 2.32 MILE

INDEX OF SHEETS

2	-	3	COVER SHEET
4	-	11	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS
12	-	16	SUMMARY OF QUANTITIES
17	-	27	TYPICAL SECTIONS
28	-	31	SCHEDULE OF QUANTITIES
32	-	44	ALIGNMENTS, TIES AND BENCHMARKS
45	-	58	PLAN SHEETS
59	-	92	PROFILE SHEETS
93	-	112	STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SHEETS
113	-	120	EROSION AND SEDIMENT CONTROL PLANS
121	-	133	DRAINAGE SCHEDULE
134	-	135	DRAINAGE AND UTILITY PLANS
136	-	150	DETENTION BASIN AND DRAINAGE EASEMENT
151	-	153	DRAINAGE AND UTILITY PROFILE
154	-	157	WATER MAIN PLAN & PROFILE
158	-	159	WATER MAIN CONSTRUCTION DETAILS
160	-	162	SANITARY SEWER PLAN & PROFILE
163	-	169	SANITARY SEWER CONSTRUCTION DETAILS
170	-	209	SUE INVESTIGATION OF UNDERGROUND UTILITIES
210	-	218	PLAT OF HIGHWAYS
219	-	221	INTERSECTION DETAILS
222	-	237	SUPERELEVATION DETAILS
238	-	246	SIGNING SHEETS
247	-	251	PAVEMENT MARKING AND LANDSCAPING SHEETS
252	-	262	SPECIAL DETAILS
263	-	263	DISTRICT 1 DETAILS
264	-	267	THIS SHEET LEFT INTENTIONALLY BLANK
268	-	280	DISTRICT 1 DETAILS
281	-	322	LIGHTING PLANS
323	-	431	TRAFFIC SIGNAL PLANS
			CROSS SECTIONS

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
001006	DECIMAL EQUIVALENTS OF AN INCH AND FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
420106-04	36' JOINTED PCC PAVEMENT
420111-03	PCC PAVEMENT ROUNDOUTS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSING
442101-07	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
483001-04	PCC SHOULDER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-05	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600 mm) THRU 54" (1350 mm) PIPE)
542401-01	METAL END SECTION FOR PIPE CULVERTS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET TYPE A
602306-03	INLET TYPE B
602401-03	MANHOLE TYPE A
602406-06	MANHOLE TYPE A 6' DIAMETER
602411-04	MANHOLE TYPE A 7' DIAMETER
602416-04	MANHOLE TYPE A 8' DIAMETER
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE B
604091-02	FRAME AND GRATE TYPE 24
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >= 45 MPH
701426-06	MULTILANE INTERSECTION, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720021-02	SIGN PANELS, EXTRUDED ALUMINUM TYPE
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-04	TYPICAL PAVEMENT MARKINGS
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 & BONDING
876001-03	PEDESTRIAN PUSH BUTTON POST
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16 5/32 THROUGH 55 5/32
877011-05	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16 5/32 THROUGH 55 5/32
877012-02	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 5/32 THROUGH 75 5/32
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

DISTRICT STANDARDS

BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15' (4.5m)
BD-02	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15' (4.5m)
BD-07	DETAIL STORM SEWER CONNECTION TO EXISTING SEWER
BD-12	MANHOLE WITH RESTRICTOR PLATE
BD-36	FIRE HYDRANT TO BE MOVED
BD-48	PCC PAVEMENT ROUNDOUTS AT CURB AND CUTTER
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BD-52	DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-24	TYPICAL PAVEMENT MARKINGS
TC-26	DRIVEWAY ENTRANCE SIGNING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT ONE

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

DATE: _____

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

FILE NAME + D162517-shit-gennote.dgn	USER NAME + USERNAME	DESIGNED - CGC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE + 1/8" = 1' / IN.	DRAWN - CGC	REVISED -			305	27R-3	MCHENRY	431	2
	PLOT DATE + 6/5/2014	CHECKED - MGZ	REVISED -			CONTRACT NO. 62517				
	DATE - 10/15/2013	REVISED -		SCALE: NONE	SHEET NO. 2 OF 431 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

GENERAL NOTES

1. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
2. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
3. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
4. THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.
5. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS. ALL ARE IN FEET UNLESS OTHERWISE ON THE PLANS.
6. FORTY-EIGHT HOURS BEFORE STARTING EXCAVATION THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO HAVE THE LOCATION OF EXISTING UTILITIES STAKED.
7. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CRYSTAL LAKE.
8. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
9. 10 FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS 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.
10. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25mm) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V/H).
11. DURING CONSTRUCTION, AGGREGATE FOR TEMPORARY ACCESS WILL ALSO BE USED TO PROVIDE TEMPORARY RAMPS AT INTERSECTIONS, BUILDING ENTRANCES, AND AS DETERMINED BY THE ENGINEER FOR PEDESTRIAN MOVEMENT.
12. REMOVAL OF EXISTING AGGREGATE SHOULDERS AND AGGREGATE DRIVEWAYS ARE INCLUDED IN QUANTITIES FOR EARTH EXCAVATION.
13. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE(S) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

GENERAL NOTES (CONT'D)

14. THE OFFSETS TO DRAINAGE STRUCTURES ARE TO THE CENTER OF THE STRUCTURE. THE RIM ELEVATIONS FOR DRAINAGE STRUCTURES LOCATED WITHIN CURB AND GUTTER ARE AT THE EDGE OF PAVEMENT. THE RIM ELEVATIONS FOR DRAINAGE STRUCTURES LOCATED OUTSIDE THE CURB AND GUTTER ARE TO THE CENTER OF STRUCTURE (CONCENTRIC STRUCTURE ASSUMED FOR CALCULATION OF RIM ELEVATION). END SECTIONS ELEVATIONS ARE LOCATED AT THE FLOWLINE.
15. THE FRAME AND LIDS FOR MANHOLES LOCATED ALONG THE BACK OF THE MCHENRY COUNTY CONSERVATION DISTRICT TRAIL SHALL BE LOCATED BEHIND THE BACK OF THE TRAIL (ECCENTRIC MANHOLES SHALL BE USED ALONG BACK OF TRAIL).
16. CONTACT DEBBIE HANLON AT 847-438-2300, TWO WEEKS PRIOR TO INSTALLING PERMANENT PAVEMENT MARKINGS.
17. PROPERTY OWNERS OF THE DRIVEWAYS SCHEDULED TO BE CLOSED NEED TO BE GIVEN A FORMAL NOTIFICATIONS.
18. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
19. THE 6 INCHES OF SURFICIAL TOPSOIL REMOVAL HAS NOT BEEN SHOWN ON THE TYPICAL SECTIONS. AT LOCATIONS WHERE THERE IS INSUFFICIENT TOPSOIL, TOPSOIL FURNISH AND PLACE OF THE THICKNESS SHOWN ON THE PLANS SHALL BE PROVIDED.
20. HORIZONTAL DATUM IS A GROUND COORDINATE SYSTEM WITH A COMBINATION FACTOR OF (1/0.9999355) APPLIED ABOUT THE ORIGIN AND BASED ON NAD 83- 1986 ADJUSTMENT. (SEE FULL DATUM STATEMENT ON SHEET 28). VERTICAL DATUM IS NAVD 88 USING ELEVATIONS OF NOS BENCH MARKS NH0142 AND NH0144.

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

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS PRIME COAT	0.0004	TONS / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

COMMITMENTS •

1. THE CITY OF CRYSTAL LAKE HAS REQUESTED THAT THE EXISTING PRE-EMPTION EMERGENCY VEHICLE DETENTION SYSTEM (OPTICOM) AT THE TRAFFIC SIGNALS AT ILLINOIS ROUTE 176, WOODSTOCK STREET, AND CRYSTAL LAKE AVENUE INTERSECTIONS BE SALVAGED AND TRANSFERRED TO THE CITY.
2. COORDINATION WITH THE MCHENRY COUNTY CONSERVATION DISTRICT SHOULD BE CONTINUED TO ENSURE PROPER SCHEDULING AND FUNDING OF THE PROPOSED 10-FEET WIDE MULTI-USE TRAIL.
3. SCHOOL DISTRICTS 47 AND 155 SHOULD BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION IN ORDER TO COORDINATE THEIR BUS SCHEDULES.
4. THE CONTRACTOR SHALL CONTACT MCHENRY COUNTY CONSERVATION DISTRICT (MCCD), JOHN KREMER AT (815) 482-5162, TWO WEEKS PRIOR TO PLACING MULTI-USE PATH PERMANENT PAVEMENT MARKINGS AND /OR PERMANENT SIGNS.
5. THE MCHENRY COUNTY CONSERVATION DISTRICT SHOULD BE NOTIFIED OF CHANGES TO THE PROJECT FUNDING. PLACE CONTACT THE FOLLOWING:

ELIZABETH KESSLER
EXECUTIVE DIRECTOR
MCHENRY COUNTY CONSERVATION DISTRICT
18410 U.S. HIGHWAY 14
WOODSTOCK, IL 60098
PHONE: 815-338-MCCD (6223)

FILE NAME =	USER NAME = USERNAME	DESIGNED - CGC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
0162517-shr-gennote.dgn		DRAWN - CGC	REVISED -			305	27R-3	MCHENRY	431	3	
	PLOT SCALE = 1/8" = 1' IN.	CHECKED - MCZ	REVISED -			CONTRACT NO. 62517					
	PLOT DATE = 10/15/2013	DATE - 10/15/2013	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: NONE	SHEET NO. 3 OF 431 SHEETS		STA.	TO STA.		

URBAN SUMMARY OF QUANTITIES

1 2 3 4 5 6 7 8 9 10

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS													WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% STATE		
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCHENRY COUNTY	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE		
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043	
				07A0L	07R0L	07G0L	07A0L,01	07R0L,01	07B0L,01	07A0L,02	07C0L,01	07C0L,01	07P0L,01	07A0L,02	07A0L,01	07P0L,01		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3,194	3,087	107													
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	4,102	4,032	70													
20101000	TEMPORARY FENCE	FOOT	229	229														
20200100	EARTH EXCAVATION	CU YD	80,527	78,327	1,913	287												
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	25,379	25,379														
20700220	POROUS GRANULAR EMBANKMENT	CU YD	14,830	14,830														
20800150	TRENCH BACKFILL	CU YD	8,300	5,383													2,917	
* 21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	6,594	6,273	189	132												
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	3,176	3,176														
* 21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	34,011	33,136	88	787												
* 21101685	TOPSOIL FURNISH AND PLACE, 24"	SO YD	9,033	8,822	211													
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	350	350														
21400100	GRADING AND SHAPING DITCHES	FOOT	270	270														
* 25000210	SEEDING, CLASS 2A	ACRE	15.00	14.70	0.30													
* 25000312	SEEDING, CLASS 4A	ACRE	2.69	2.69														

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

URBAN

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SHARED-USE PATH	LIGHTING	TRAFFIC SIGNALS								WATER MAIN AND SANITARY SEWER	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCCC	100% STATE	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE	
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SO YD	91,266	90,799	467												
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	266	266													
35102200	AGGREGATE BASE COURSE, TYPE B 10"	SO YD	2,833			2,833											
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	683	683													
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	1,443	1,443													
35600713	HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/4"	SO YD	4,946	4,946													
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	4	4													
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	794	771	23												
40600895	CONSTRUCTING TEST STRIP	EACH	1	1													
40600990	TEMPORARY RAMP	SO YD	373	373													
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	269			269											
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	623	623													
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	442	281		161											
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	208	163	45												
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	1,539	1,539													

15 * SPECIALTY ITEM

Rev.

FILE NAME : S:\1606\CADD Sheets\0162517-sht-500.dgn	USER NAME : USERNAME	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 6 OF 431 SHEETS STA. TO STA.

F.A. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62517	

URBAN
SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SHARED-USE PATH	LIGHTING	TRAFFIC SIGNALS							WATER MAIN AND SANITARY SEWER		
				100% STATE	MCHENRY COUNTY COLLEGE 100%			80% STATE 20% MCCO	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	EMERGENCY VEHICLE PROTECTION ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043
40701861	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	SO YD	4,330	2,895	1,435												
42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SO YD	84,159	83,770	389												
42001300	PROTECTIVE COAT	SO YD	113,466	112,993	473												
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	1,275	1,275													
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	21,025	21,025													
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SO FT	764	764													
42400800	DETECTABLE WARNINGS	SO FT	412	278		134											
44000100	PAVEMENT REMOVAL	SO YD	87,861	86,501	1,360												
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	2,044	1,512	532												
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	11,350	11,350													
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	5,658	5,567	91												
44000300	CURB REMOVAL	FOOT	1,940	1,790	150												
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	11,773	11,773													
44000600	SIDEWALK REMOVAL	SO FT	17,304	17,304													
44003100	MEDIAN REMOVAL	SO FT	2,032	2,032													

* SPECIALTY ITEM

URBAN SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS												WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCHENRY COUNTY	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE	
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043	
50105220	PIPE CULVERT REMOVAL	FOOT	1,576	1,576													
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4													
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	14	14													
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1													
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1													
54214713	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	EACH	7	7													
54214719	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	EACH	5	5													
54214722	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 27"	EACH	4	4													
54214725	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 30"	EACH	2	2													
54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	1	1													
54215547	METAL END SECTIONS 12"	EACH	1	1													
5421A012	PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)	FOOT	24	24													
5421A024	PIPE CULVERTS, CLASS A, TYPE 1 24" (TEMPORARY)	FOOT	53	53													
5421D012	PIPE CULVERTS, CLASS D, TYPE 1 12" (TEMPORARY)	FOOT	27	27													
5421D015	PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)	FOOT	146	146													

* SPECIALTY ITEM

UABAN
SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS												WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCHENRY COUNTY	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE	
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043	
54210018	PIPE CULVERTS, CLASS D, TYPE 1 18" (TEMPORARY)	FOOT	205	205													
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	42	42													
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	195	195													
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	99	99													
542A5482	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 27"	FOOT	256	256													
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	110	110													
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2,082	2,082													
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	436	436													
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	608	608													
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	200	200													
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	7,560	7,560													
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	1,773	1,773													
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2,278	2,278													
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	2,430	2,430													
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	1,797	1,797													

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

URBAN

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS													WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE		
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCCO	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE		
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043		
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	546	546														
550A4000	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	396	396														
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	127	127														
550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	353	353														
550A4800	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 18"	FOOT	1,116	1,116														
550A4900	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 24"	FOOT	1,639	1,639														
550A5000	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 27"	FOOT	33	33														
550A5100	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 30"	FOOT	719	719														
55100400	STORM SEWER REMOVAL 10"	FOOT	254	254														
55100500	STORM SEWER REMOVAL 12"	FOOT	1,030	1,030														
55100700	STORM SEWER REMOVAL 15"	FOOT	499	499														
55100900	STORM SEWER REMOVAL 18"	FOOT	506	506														
56100005	DUCTILE IRON WATER MAIN TEE, 6" X 6"	EACH	1														1	
56100015	DUCTILE IRON WATER MAIN TEE, 8" X 6"	EACH	1														1	
56100050	DUCTILE IRON WATER MAIN TEE, 12" X 6"	EACH	11														11	

* SPECIALTY ITEM

FILE NAME : S:\1606\CADD Sheets\0162517-shc-500.dgn	USER NAME : USERNAME	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			305	2TR-3	MCHENRY	431	11	
		CHECKED -	REVISED -			CONTRACT NO. 62517					
		DATE -	REVISED -			ILLINOIS/FED. AID PROJECT					

SCALE: NONE SHEET NO. 11 OF 431 SHEETS STA. TO STA.

SUMMARY OF QUANTITIES

URBAN

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS												WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCHENRY COUNTY	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE	
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043	
5610055	DUCTILE IRON WATER MAIN TEE, 12" X 8"	EACH	2														2
5610060	DUCTILE IRON WATER MAIN TEE, 12" X 10"	EACH	2														2
5610065	DUCTILE IRON WATER MAIN TEE, 12" X 12"	EACH	1														1
5610160	DUCTILE IRON WATER MAIN REDUCER, 12" X 8"	EACH	1														1
5610166	DUCTILE IRON WATER MAIN REDUCER, 16" X 12"	EACH	1														1
56103000	DUCTILE IRON WATER MAIN 6"	FOOT	203														203
56103100	DUCTILE IRON WATER MAIN 8"	FOOT	137														137
56103200	DUCTILE IRON WATER MAIN 10"	FOOT	126														126
56103300	DUCTILE IRON WATER MAIN 12"	FOOT	2,955														2,955
56104400	WATER VALVES 1"	EACH	1														1
56104900	WATER VALVES 6"	EACH	3														3
56105000	WATER VALVES 8"	EACH	3														3
56105100	WATER VALVES 10"	EACH	1														1
56105200	WATER VALVES 12"	EACH	7														7
56106500	ADJUSTING WATER MAIN 10"	FOOT	25														25

* SPECIALTY ITEM

URBAN SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SHARED-USE PATH	LIGHTING	TRAFFIC SIGNALS							WATER MAIN AND SANITARY SEWER		
				100% STATE	MCHENRY COUNTY COLLEGE 100%			80% STATE 20% MCHENRY COUNTY	100% STATE	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043
* 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1											1			
* 87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1											1			
* 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2					1				1					
* 87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	2						1			1					
* 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	2					1	1								
* 87700330	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1					1									
* 87700408	STEEL MAST ARM ASSEMBLY AND POLE, 64 FT.	EACH	1						1								
* 87700418	STEEL MAST ARM ASSEMBLY AND POLE, 68 FT.	EACH	1					1									
* 87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1								1						
* 87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1								1						
* 87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1								1						
* 87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1								1						
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	68					12	16	16	12	12					
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	20					4	4	4	4	4					
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	206					28	28	54	48	48					

* SPECIALTY ITEM

URBAN SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS												WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCCD	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE	
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043	
* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	67					46	21								
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	38					7	7	8	8	8					
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6						2		2	2					
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8					4			2	2					
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	11					4	1	2	2	2					
* 88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3						1	2							
* 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	3						1	2							
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	14					2			6	6					
* 88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2								1	1					
* 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	49					11	8	10	10	10					
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	47					11	6	16	6	8					
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1,204								612	592					
* 88600700	PREFORMED DETECTOR LOOP	FOOT	1,976					694	513	769							
* 88700200	LIGHT DETECTOR	EACH	13										13				
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	5										5				

* SPECIALTY ITEM

URBAN SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SHARED-USE PATH	LIGHTING	TRAFFIC SIGNALS							WATER MAIN AND SANITARY SEWER			
				100% STATE	MCHENRY COUNTY COLLEGE 100%			80% STATE 20% MCHENRY COUNTY	100% STATE	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043	
88800100	PEDESTRIAN PUSH-BUTTON	EACH	18							2			8	8				
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	6							1	2	1	1	1				
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	300													300		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5							1	1	1	1	1				
89502380	REMOVE EXISTING HANDHOLE	EACH	31							6		10	7	8				
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	30							7	1	6	10	6				
* A2000220	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	11														
* A2002009	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6														
* A2002020	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	24	24														
* A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	17	17														
* A2004610	TREE, GLEDITSIA TRIACANTHOS INERMIS PERFECTION (PERFECTION THORNLESS HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2														
* A2004715	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12														
* A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12														
* A2005036	TREE, GYMNOCLADUS DIOICUS EXPRESSO (EXPRESSO KENTUCKY COFFEETREE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	14	14														
* A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14	14														

* SPECIALTY ITEM

URBAN
SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS													WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE		
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCHENRY COUNTY	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE		
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043		
* A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	27	27														
* A2007210	TREE, QUERCUS X MACDANIELLI CLEMONS (HERITAGE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12														
* A2016818	TREE, QUERCUS SCHUETTI (SWAMP BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	6	6														
* B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	16	16														
* B2006220	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	53	53														
* C2012024	SHRUB, VIBURNUM DENTATUM SYNNESTVEDT (CHICAGO LUSTRE ARROWWOOD VIBURNUM), 2' HEIGHT, BALLED AND BURLAPPED	EACH	116	116														
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	12.52	12.52														
* K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	6.08	6.08														
X0322464	ABANDON AND FILL EXISTING SANITARY MANHOLE	EACH	1														1	
X0323260	SEDIMENT BASIN	EACH	1	1														
X0323449	REMOVE EXISTING WATER VALVE	EACH	9														9	
X0324078	CONFLICT MANHOLES	EACH	1														1	
X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	5														5	
* X0325860	TEMPORARY WOOD POLE, 60 FT., CLASS 4, WITH 15 FT. MAST ARM, INSTALL ONLY	EACH	19						19									
* X0326656	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET, COMPLETE	EACH	1									1						

* SPECIALTY ITEM

FILE NAME : S:\1606\CA00 Sheets\0162517-sh1-500.dgn	USER NAME : USERNAME	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 11M
		DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 11M OF 431 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
		CHECKED -	REVISED -									
		DATE -	REVISED -									

SUMMARY OF QUANTITIES

URBAN

TRAFFIC SIGNALS

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	WATER MAIN AND SANITARY SEWER		
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCHENRY COUNTY	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% STATE	100% CRYSTAL LAKE
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043	
X0326712	ABANDON AND FILL EXISTING SANITARY SEWER	EACH	2													2	
X0326713	SANITARY SEWER CONNECTION	EACH	2												1	1	
X0327024	FIRE HYDRANTS TO BE REMOVED & SALVAGED	EACH	8													8	
X0327094	VALVE BOX 6"	EACH	2													2	
X0327353	STORMWATER TREATMENT SYSTEM LOCATION NO. 1	L SUM	1	1													
X0327354	STORMWATER TREATMENT SYSTEM LOCATION NO. 2	L SUM	1	1													
X0327392	WOOD POLE, 60 FT, CLASS 4	EACH	1				1										
X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	19		4								15				
X0840000	SANITARY SEWER REMOVAL 8"	FOOT	174													174	
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	19	19													
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	28	28													
X4023000	TEMPORARY ACCESS (ROAD)	EACH	5	5													
X4024100	TEMPORARY ACCESS (WINTERIZE)	SQ YD	3,294	3,294													
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	259,660	254,010	5,650												
X5610012	CAP EXISTING WATER MAIN	EACH	2													2	

* SPECIALTY ITEM

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
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		DRAWN :	REVISED :
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		-	-
		DATE :	REVISED :
		-	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 11N OF 431 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	11N
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

URBAN SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS												WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEBFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCCO	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE	
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043	
X5610646	PLUG WATER MAIN 6"	EACH	1														1
X5610649	PLUG WATER MAIN 12"	EACH	1														1
X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	2,434														2,434
X5610706	WATER MAIN REMOVAL, 6"	FOOT	45														45
X5610708	WATER MAIN REMOVAL, 8"	FOOT	140														140
X5610710	WATER MAIN REMOVAL, 10"	FOOT	5														5
X5610716	WATER MAIN REMOVAL, 16"	FOOT	20														20
X5610748	WATER MAIN LINE STOP 8"	EACH	2														2
X5610750	WATER MAIN LINE STOP 10"	EACH	1														1
X5610756	WATER MAIN LINE STOP 16"	EACH	1														1
X5620030	WATER SERVICE CONNECTION 1"	EACH	11														11
X5620096	WATER SERVICE LINE 1", (BORED)	EACH	81														81
X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	3														3
X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	3														3
X5630710	CONNECTION TO EXISTING WATER MAIN 10"	EACH	2														2

* SPECIALTY ITEM

URBAN SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS													WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE		
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCCO	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE		
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043		
X5630716	CONNECTION TO EXISTING WATER MAIN 16"	EACH	1														1	
X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	4	4														
X6022240	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME, CLOSED LID	EACH	2	2														
X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4													3	1	
X6022940	MANHOLES, TYPE A, 5'-DIAMETER, WITH SPECIAL FRAME, CLOSED LID	EACH	1	1														
X6024095	MANHOLES, TYPE A, 6'-DIAMETER, WITH SPECIAL FRAME, CLOSED LID	EACH	1	1														
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	10														10	
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	3														3	
X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	1													1		
X6026055	SANITARY MANHOLE, SPECIAL	EACH	3													1	2	
X6026632	VALVE BOXES TO BE REMOVED	EACH	5														5	
X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SO FT	13,961	13,961														
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MC	27	27														
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1														
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	2,106	2,106														

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

URBAN

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS												
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	WATER MAIN AND SANITARY SEWER	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCCO	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	157,339	157,339												
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	5,784	5,784												
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	1,690	1,690												
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	1,429	1,429												
* X8210453	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240 VOLT, <i>INSTALL ONLY</i>	EACH	23				23									
* X8570226	FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL	EACH	3					1	1			1				
* X8570231	FULL-ACTUATED CONTROLLER AND CABINET, TYPE V, SPECIAL	EACH	1							1						
* X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1							1						
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	5					1	1	1	1	1				
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	3,117										3,117			
* X8950075	REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	1				1									
* X8950077	REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1				1									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1												
Z0030850	TEMPORARY INFORMATION SIGNING	50 FT	129	129												
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	22				22									

* SPECIALTY ITEM

FILE NAME = S:\1600\CADD Sheets\0162517-011-500.dgn	USER NAME = .\USERNAME	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 110 OF 431 SHEETS	STA.	TO STA.	305	27R-3	MCHENRY	431	110
		CHECKED -	REVISED -		CONTRACT NO. 62517								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

URBAN
SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SHARED-USE PATH	LIGHTING	TRAFFIC SIGNALS						WATER MAIN AND SANITARY SEWER			
				100% STATE	MCHENRY COUNTY COLLEGE 100%			80% STATE 20% MCHENRY COUNTY	100% STATE	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1												1		
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	358	358													
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	38	38													
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	152	152													
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	93	93													
Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	44	44													
Z0056900	SANITARY SEWER 8"	FOOT	400													168	232
Z0057200	SANITARY SEWER 15"	FOOT	79													79	
Z0062456	TEMPORARY PAVEMENT	SQ YD	23,812	23,812													
Z0065740	SLOTTED DRAIN 12" WITH VARIABLE SLOT	FOOT	47	47													
Z0067900	STEEL CASINGS 24"	FOOT	108														108
Z0073345	SLEEPER SLAB	FOOT	671	671													
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	5						1	1	1	1	1				
Z0076604	TRAINEE'S- TRAINING PROGRAM GRADUATE	HOUR	1500	1500													
48101618	AGGREGATE SHOULDERS, TYPE B 9 3/4"	SQ YD	162	162													
48101610	AGGREGATE SHOULDERS, TYPE B 9"	SQ YD	1,551	1,169	382												

* SPECIALTY ITEM *0042*

URBAN SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS													WATER MAIN AND SANITARY SEWER	
				ROADWAY			SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCO			100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE			90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE
0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043				
35600703	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 3/4"	SO YD	418	418														
X0300558	SANITARY SEWER REMOVAL AND REPLACEMENT 8"	FOOT	10														10	
X0407860	SANITARY SEWER REMOVAL, 15"	FOOT	84														84	
X0327765	STORMWATER TREATMENT SYSTEM LOCATION NO. 3	L SUM	1	1														

* SPECIALTY ITEM

URBAN SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS												WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCCO	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE	
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043	
56109420	DUCTILE IRON WATER MAIN FITTINGS 8" 45.00 DEGREE BEND	EACH	2													2	
56109422	DUCTILE IRON WATER MAIN FITTINGS 10" 45.00 DEGREE BEND	EACH	4													4	
56109424	DUCTILE IRON WATER MAIN FITTINGS 12" 45.00 DEGREE BEND	EACH	15													15	
56109432	DUCTILE IRON WATER MAIN FITTINGS 6" 90.00 DEGREE BEND	EACH	1													1	
56200300	WATER SERVICE LINE 1"	FOOT	170													170	
56201400	CORPORATION STOPS 1"	EACH	1													1	
56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	105													105	
56400100	FIRE HYDRANTS TO BE MOVED	EACH	2													2	
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	11													11	
60107600	PIPE UNDERDRAINS 4"	FOOT	2,666	2,666													
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	167	167													
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1													
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	60	60													
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	8	8													
60207605	CATCH BASINS, TYPE C, TYPE B GRATE	EACH	7	7													

* SPECIALTY ITEM

URBAN
SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS												WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCHENRY COUNTY	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE	
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043	
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	49	49													
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	55	55													
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1													
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1													
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	63	63													
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	4													
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6													
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2													
60224449	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1													
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1													
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	10	10													
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1													
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	66	66													
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	1													
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	3	3													

* SPECIALTY ITEM

FILE NAME : S:\1606\CADD Sheets\0162517-411-500.dgn	USER NAME : USERNAME	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 11C OF 431 SHEETS	STA.	TO STA.	MCHENRY	431	11C
		CHECKED -	REVISED -		CONTRACT NO. 62517						
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

URBAN
SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS												WATER MAIN AND SANITARY SEWER	
				ROADWAY			SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCCC	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE	
0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043				
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	24	24													
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1														1
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3														3
60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8														8
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2													
60255500	MANHOLES TO BE ADJUSTED	EACH	16	16													
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	7														7
60500040	REMOVING MANHOLES	EACH	15	15													
60500050	REMOVING CATCH BASINS	EACH	56	56													
60500060	REMOVING INLETS	EACH	4	4													
60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	3	3													
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	1	1													
60500405	FILLING VALVE VAULTS	EACH	4														4
60600605	CONCRETE CURB, TYPE B	FOOT	1,611	1,440	127	44											
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,603	2,133	470												

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

URBAN

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SHARED-USE PATH	LIGHTING	TRAFFIC SIGNALS								WATER MAIN AND SANITARY SEWER		
				100% STATE	MCHENRY COUNTY COLLEGE 100%			80% STATE 20% MCCO	100% STATE	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE
				0003	0003			0028	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	44,791	44,771	20													
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	29,727	29,727														
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	796	796														
61101020	STORM SEWERS PROTECTED, CLASS A, 18"	FOOT	496	496														
61133300	FIELD TILE JUNCTION VAULTS, 4' DIA.	EACH	7	7														
61140600	STORM SEWERS (SPECIAL), 18"	FOOT	550	550														
63200310	GUARDRAIL REMOVAL	FOOT	48	48														
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,240	1,240														
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1														
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3														
67100100	MOBILIZATION	L SUM	1	1														
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	730	730														
70106800	CHANGEABLE MESSAGE SIGN	CAL MC	48	48														
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,310	2,310														
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	41,088	41,088														

* SPECIALTY ITEM

URBAN SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS													WATER MAIN AND SANITARY SEWER	
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE		
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCHENRY COUNTY COLLEGE	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE		
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043		
72000100	SIGN PANEL - TYPE 1	SO FT	1,120	987		73				30	30							
72000200	SIGN PANEL - TYPE 2	SO FT	89	89														
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	90	90														
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	24	24														
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4														
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	11	11														
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	2,145	2,018		127												
73000100	WOOD SIGN SUPPORT	FOOT	91	91														
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	411	338	73													
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,358	10,084	1,274													
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,820	2,820														
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	444	324	120													
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	303	303														
78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	46			46												
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	1,748			1,748												

* SPECIALTY ITEM

FILE NAME : S:\1606\CADD Sheets\0162517-ah-500.dgn	USER NAME : USERNAME	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -	305					27R-3	MCHENRY	431	11F	
PLOT DATE = 6/17/2014	DATE -	REVISED -	SCALE: NONE SHEET NO. 11F OF 431 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT CONTRACT NO. 62517						

URBAN SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS												WATER MAIN AND SANITARY SEWER	
				ROADWAY			SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCHENRY COUNTY	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE	
				0003	0003	002.9		0021	0021	0021	0021	0021	0021	0021	0043	0043	
78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	20			20											
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	1,368	1,368													
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	13,765	13,765													
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	8,800	8,680	120												
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	2,020	2,020													
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	539	539													
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	985	985													
78300100	PAVEMENT MARKING REMOVAL	SO FT	11,411	11,411													
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1					1									
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1					1									
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	5						1	1	1	1	1				
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	14,737						1020	648	1,660	610	834		9,965		
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	489						20	375	45	16	33				
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1,048					672	24	115	140	47	50				
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2,239						478	254	680	452	375				

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

URBAN

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS													WATER MAIN AND SANITARY SEWER	
				ROADWAY			SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE	
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCCD	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE		
				0003	0003	0028	0021	0021	0021	0021	0021	0021	0021	0021	0043	0043		
81400100	HANDHOLE	EACH	39														15	
81400200	HEAVY-DUTY HANDHOLE	EACH	16															
81400300	DOUBLE HANDHOLE	EACH	9															
81603090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	4,500															
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	80															
81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	4,700															
82102310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	22															
82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1															
83050810	LIGHT POLE, ALUMINUM, 47.5 FT. M.H.. 15 FT. MAST ARM	EACH	18															
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	180															
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	18															
84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	19															
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	16															
84200804	REMOVAL OF POLE FOUNDATION	EACH	16															
86400100	TRANSCEIVER - FIBER OPTIC	EACH	5															

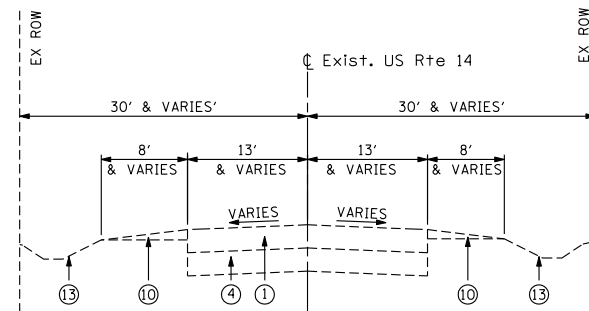
* SPECIALTY ITEM

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PLOT SCALE = 100.0000' / 1" =		CHECKED -	REVISED -			SCALE: NONE		SHEET NO. 11H OF 431 SHEETS		STA. TO STA.	
PLOT DATE = 6/17/2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 62517					

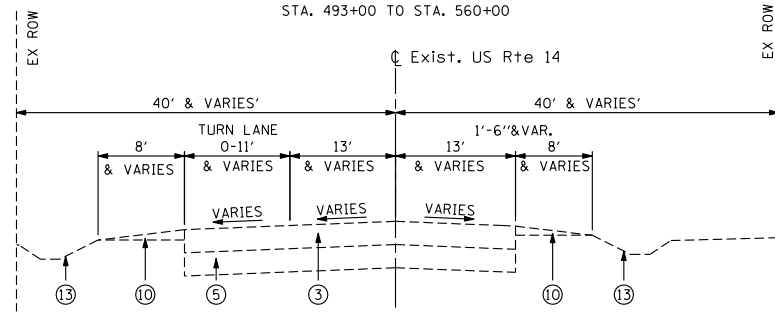
URBAN
SUMMARY OF QUANTITIES

PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS													WATER MAIN AND SANITARY SEWER			
				ROADWAY		SHARED-USE PATH	LIGHTING	US 14 & LUCAS ROAD	US 14 & RIDGEFIELD ROAD SOUTH	US 14 & IL 176	US 14 & WOODSTOCK STREET	US 14 & CRYSTAL LAKE AVE	EMERGENCY VEHICLE PROTECTION/ILLUMINATED STREET NAME SIGNS	INTERCONNECT	100% STATE	100% CRYSTAL LAKE				
				100% STATE	MCHENRY COUNTY COLLEGE 100%	80% STATE 20% MCCO	100% STATE	MCHENRY COUNTY COLLEGE 100%	93.3% STATE 6.7% MCHENRY COUNTY	100% STATE	90% STATE 10% CRYSTAL LAKE	90% STATE 10% CRYSTAL LAKE	100% CRYSTAL LAKE	100% STATE	100% STATE	100% CRYSTAL LAKE				
				0003	0003	0028		0021				0021		0021		0021		0043	0043	
87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	12,473																	12,473
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	12,473																	12,473
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,719						195				1,356	1,168						
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	7,571						628				1,412	1,218	4,313					
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	10,334						1331	2,718	2,609	1,852	1,824							
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	5,622						1536	249	2,318	816	703							
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	12,513						2817	1,295	4,963	1,353	2,085							
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	380						72	134	39	44	91							
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	3,474						630	746	924	573	601							
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	6								2	2	1	1						
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	10						3	1	2	2	2							
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1							1										
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2									1	1							
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2									2								
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2										2							

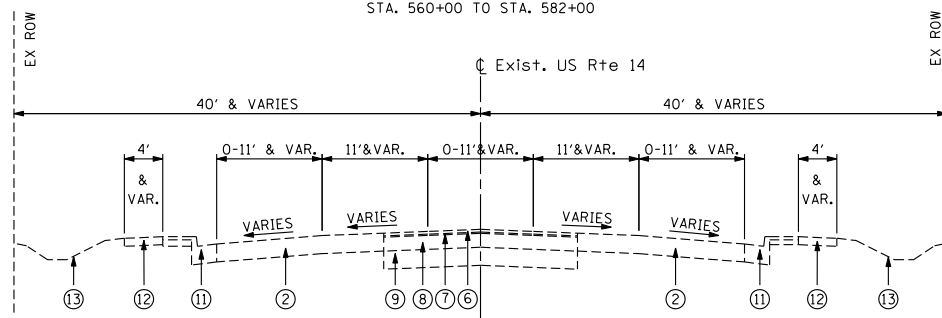
* SPECIALTY ITEM



**TYPICAL EXISTING CROSS SECTION
U.S. ROUTE 14**
STA. 493+00 TO STA. 560+00



**TYPICAL EXISTING CROSS SECTION
U.S. ROUTE 14**
STA. 560+00 TO STA. 582+00



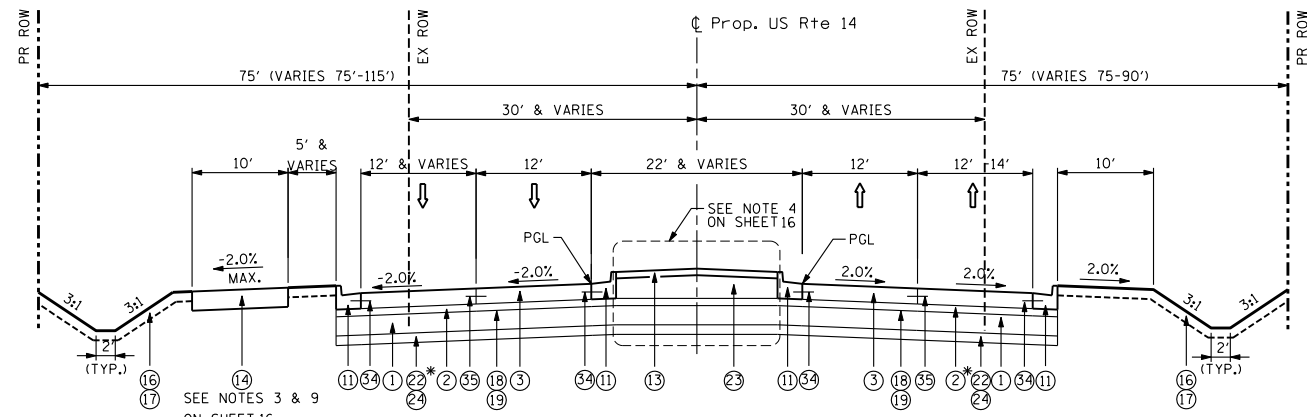
**TYPICAL EXISTING CROSS SECTION
U.S. ROUTE 14**
STA. 582+00.00 TO STA. 619+25.58

EXISTING LEGEND

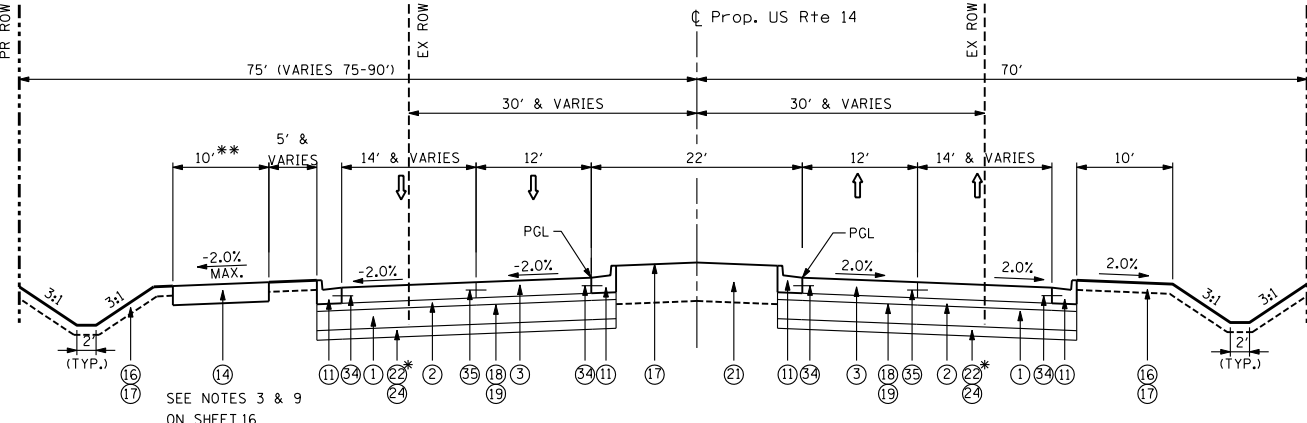
- ① EXISTING HMA PAVEMENT (VARIES 12"-18")
- ② EXISTING HMA PAVEMENT (VARIES 12"-16")
- ③ EXISTING HMA PAVEMENT (VARIES 9"-12")
- ④ EXISTING AGGREGATE SUBGRADE (VARIES 6"-18")
- ⑤ EXISTING PCC PAVEMENT (VARIES 6"-8")
- ⑥ EXISTING HMA SURFACE COURSE, 1 3/4"
- ⑦ EXISTING HMA BINDER, 3/4"
- ⑧ EXISTING HMA SURFACE, 5"
- ⑨ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 9"
- ⑩ EXISTING AGGREGATE SHOULDER, 6"
- ⑪ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- ⑫ EXISTING CONCRETE SIDEWALK
- ⑬ EXISTING TOPSOIL, 6"

PROPOSED LEGEND

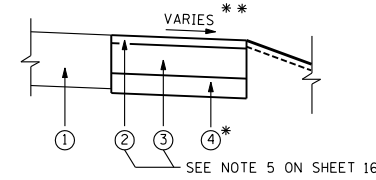
- ① AGGREGATE SUBGRADE IMPROVEMENT 12"
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑥ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ⑧ HOT-MIX ASPHALT SHOULDERS, 9"
- ⑨ AGGREGATE SHOULDERS, TYPE B 9"
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑬ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑭ M.C.C.D. BIKETRAIL (SEE NOTE 3 ON SHEET 16)
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑯ PROPOSED TOPSOIL, 6" (SEE NOTE 6 ON SHEET 16)
- ⑰ SEEDING, CLASS 2A
- ⑱ BITUMINOUS MATERIALS (PRIME COAT)
- ⑲ AGGREGATE (PRIME COAT)
- ⑳ LONGITUDINAL CONSTRUCTION JOINT, WITH NO. 6 EPOXY COATED TIE BARS 30" LONG AT 24" CENTERS
- ㉑ TOPSOIL FURNISH AND PLACE, 24"
- ㉒ POROUS GRANULAR EMBANKMENT
- ㉓ COURSE AGGREGATE FILL
- ㉔ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ㉕ ADDITIONAL 1 FOOT PAVEMENT RECONSTRUCTION
- ㉖ SODDING, SALT TOLERANT
- ㉗ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- ㉘ HOT-MIX ASPHALT BASE COURSE WIDENING, 4 1/2"
- ㉙ HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/4"
- ㉚ PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"
- ㉛ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2 1/4")
- ㉜ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"
- ㉝ CONCRETE MEDIAN, TYPE SB (SPECIAL)
- ㉞ NO. 6 EPOXY COATED TIE BARS 24" LONG @ 24" CTS
- ㉟ LONGITUDINAL SAW JOINT, WITH NO. 6 EPOXY COATED TIE BARS 30" LONG AT 30" CENTERS



**TYPICAL PROPOSED CROSS SECTION
U.S. ROUTE 14**
STA. 493+00.00 TO STA. 509+76.62



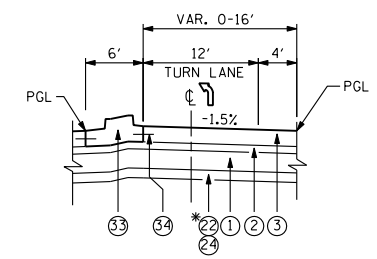
**TYPICAL PROPOSED CROSS SECTION
U.S. ROUTE 14**
STA. 509+76.62 TO STA. 512+14.37



- ① EXISTING PAVEMENT
 - ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (2")
 - ③ TEMPORARY PAVEMENT (HMA BINDER IL-19mm) (8 1/4")
 - ④ SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- * USE 12" THICKNESS AT LOCATIONS OF UNSUITABLE SOILS (SEE SHEET 18 FOR SUBGRADE TREATMENT RECOMMENDATIONS SCHEDULE)
- ** MATCH EXISTING PAVEMENT SLOPE

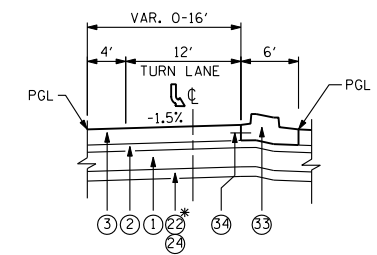
DETAIL - TEMPORARY PAVEMENT

(USED ON: US RTE 14, LUCAS RD, RIDGEFIELD RD SOUTH, LENNY DR, AND IL 176)



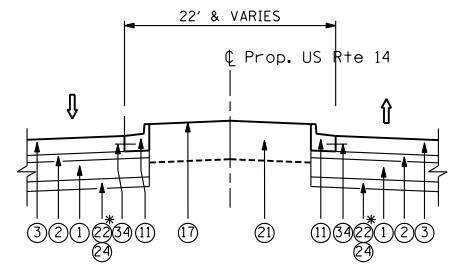
MEDIAN TURNLANE - DETAIL A

* SEE PGES LIMITS ON SHEET 18



MEDIAN TURNLANE - DETAIL B

* SEE PGES LIMITS ON SHEET 18



LANDSCAPED MEDIAN DETAIL

* SEE PGES LIMITS ON SHEET 18

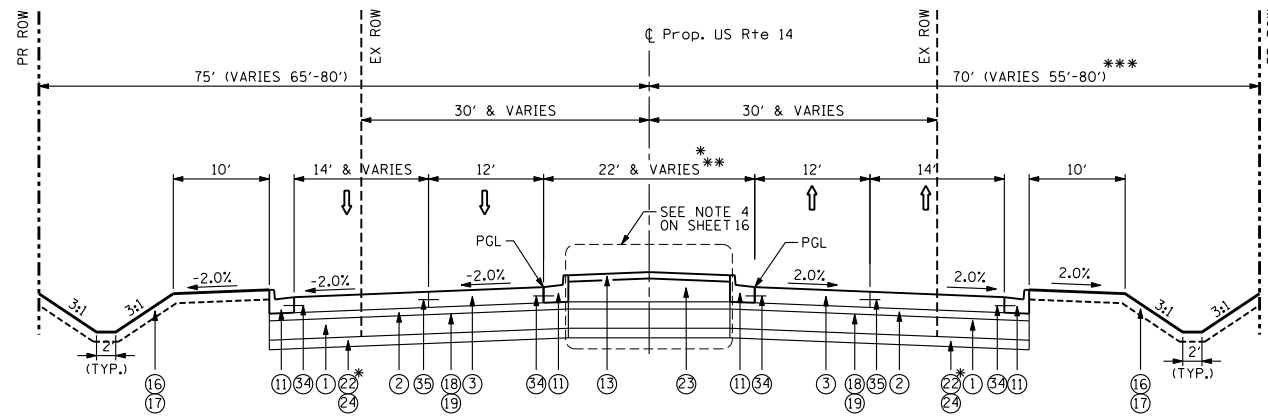
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	PLOT SCALE = 20.000' / IN.	CHECKED - MGZ	REVISED -
	PLOT DATE = 6/5/2014	DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
U.S. ROUTE 14**

SCALE: NONE SHEET NO. 12 OF 431 SHEETS STA. TO STA.

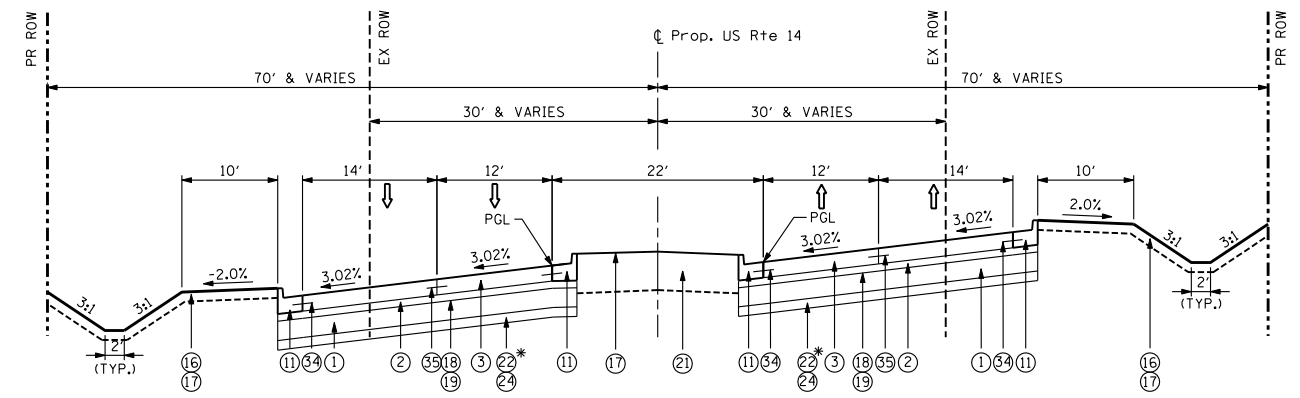
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	12
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				



**TYPICAL PROPOSED CROSS SECTION
U.S. ROUTE 14**

STA. 512+14.37 TO STA. 517+63.93
 STA. 535+77.04 TO STA. 552+35.81
 STA. 562+64.41 TO STA. 564+31.33
 STA. 580+32.78 TO STA. 599+00.00

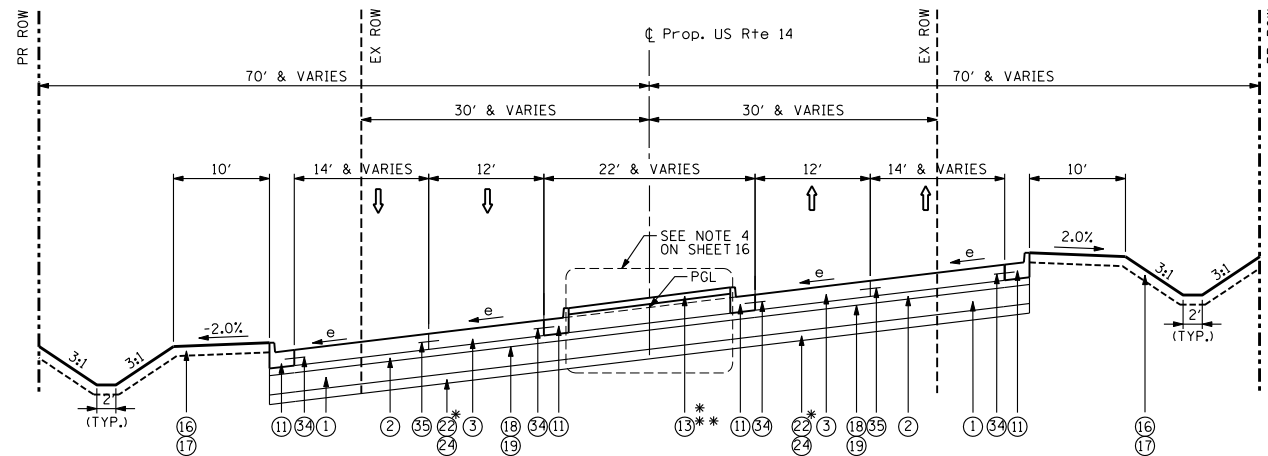
* SEE PGES LIMITS ON SHEET 18
 ** MEDIANS WIDENS TO 30' WIDE AT
 IL 176 INTERSECTION.
 *** DOES NOT INCLUDE EXISTING R.O.W. AND
 STORMWATER DETENTION LOCATIONS.



**TYPICAL PROPOSED CROSS SECTION
U.S. ROUTE 14**

STA. 552+35.81 TO STA. 562+64.41

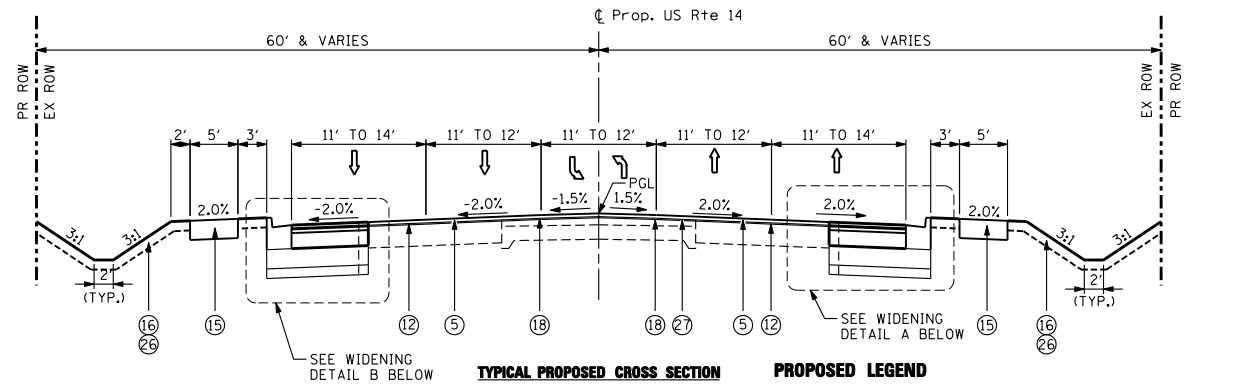
* SEE PGES LIMITS ON SHEET 18



**TYPICAL PROPOSED CROSS SECTION
U.S. ROUTE 14**

STA. 517+63.93 TO STA. 535+77.04
 STA. 564+31.33 TO STA. 580+32.78

* SEE PGES LIMITS ON SHEET 18
 ** CONCRETE MEDIAN IS BEING SHOWN. SEE LANDSCAPED/CONCRETE MEDIAN
 LIMITS (ABOVE) AND LANDSCAPED MEDIAN DETAIL (BELOW) ON THIS SHEET.

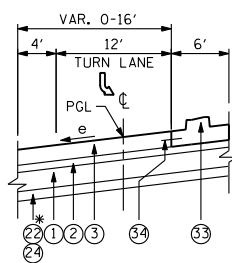


**TYPICAL PROPOSED CROSS SECTION
U.S. ROUTE 14**

STA. 599+00.00 TO STA. 619+25.58

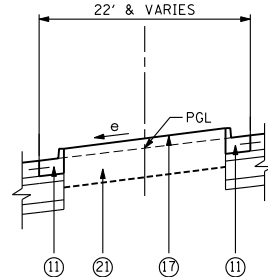
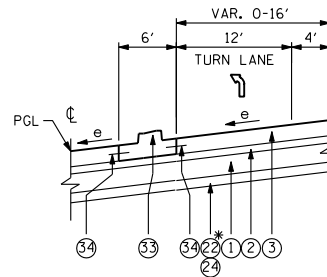
PROPOSED LEGEND

- 1 AGGREGATE SUBGRADE IMPROVEMENT 12"
- 2 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- 3 PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- 4 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- 5 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- 6 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"
- 7 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- 8 HOT-MIX ASPHALT SHOULDERS, 9"
- 9 AGGREGATE SHOULDERS, TYPE B 9"
- 10 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 11 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 12 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- 13 CONCRETE MEDIAN SURFACE, 4 INCH
- 14 M.C.C.D. BIKE TRAIL (SEE NOTE 3 ON SHEET 16)
- 15 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- 16 PROPOSED TOPSOIL, 6" (SEE NOTE 6 ON SHEET 16)
- 17 SEEDING, CLASS 2A
- 18 BITUMINOUS MATERIALS (PRIME COAT)
- 19 AGGREGATE (PRIME COAT)
- 20 LONGITUDINAL CONSTRUCTION JOINT, WITH NO. 8 EPOXY COATED TIE BARS 30" LONG AT 24" CENTERS
- 21 TOPSOIL FURNISH AND PLACE, 24"
- 22 POROUS GRANULAR EMBANKMENT
- 23 COURSE AGGREGATE FILL
- 24 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- 25 ADDITIONAL 1 FOOT PAVEMENT RECONSTRUCTION
- 26 SODDING, SALT TOLERANT
- 27 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- 28 HOT-MIX ASPHALT BASE COURSE WIDENING, 4 1/2"
- 29 HOT-MIX ASPHALT BASE COURSE WIDENING, 9/4"
- 30 PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"
- 31 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2 1/4")
- 32 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"
- 33 CONCRETE MEDIAN, TYPE SB (SPECIAL)
- 34 NO. 6 EPOXY COATED TIE BARS 24" LONG @ 24" CTS
- 35 LONGITUDINAL SAW JOINT, WITH NO. 6 TIE BARS 30" LONG AT 30" CENTERS

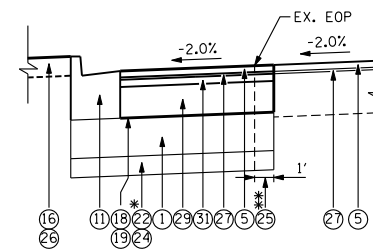


MEDIAN TURNLANE DETAILS

* SEE PGES LIMITS ON SHEET 18

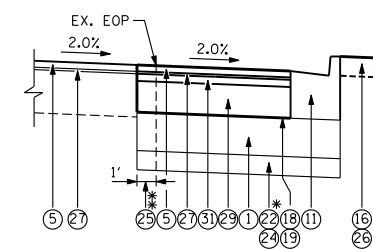


LANDSCAPED MEDIAN DETAIL



WIDENING DETAIL B

* SEE PGES LIMITS ON SHEET 18
 ** SEE NOTE 2 ON SHEET 16.



WIDENING DETAIL A

* SEE PGES LIMITS ON SHEET 18
 ** SEE NOTE 2 ON SHEET 16.

NOTES:

1. UNLESS OTHERWISE NOTED, USE U.S. ROUTE 14 PAVEMENT FOR SIDEROADS.
2. 1' WIDE EXISTING PAVEMENT RECONSTRUCTION IN ADDITION TO THE EXISTING CURB AND GUTTER REMOVAL.

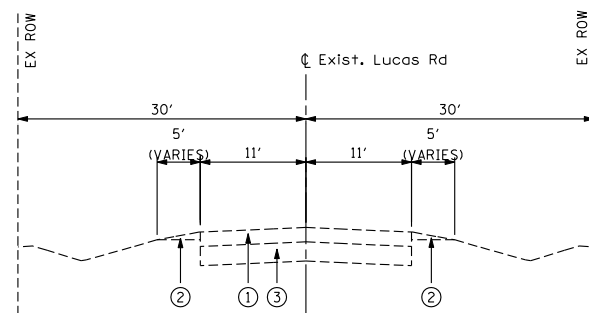
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

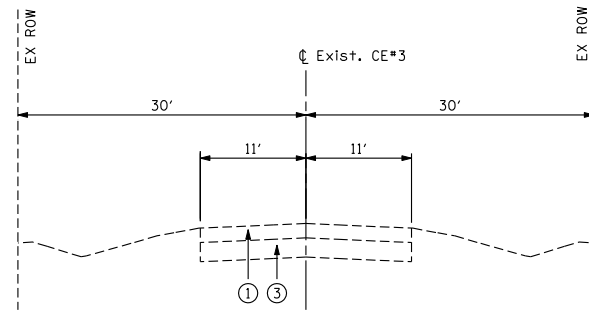
**TYPICAL SECTIONS
U.S. ROUTE 14**

SCALE: NONE	SHEET NO. 13 OF 431 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT
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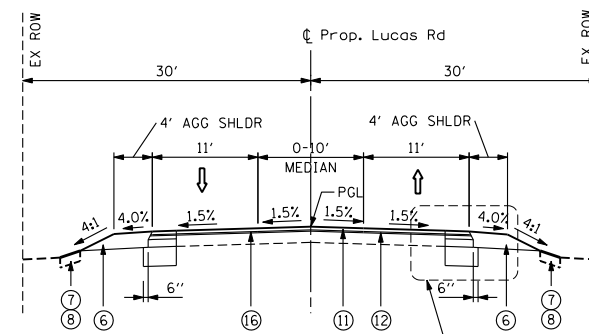
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	13
				CONTRACT NO. 62517



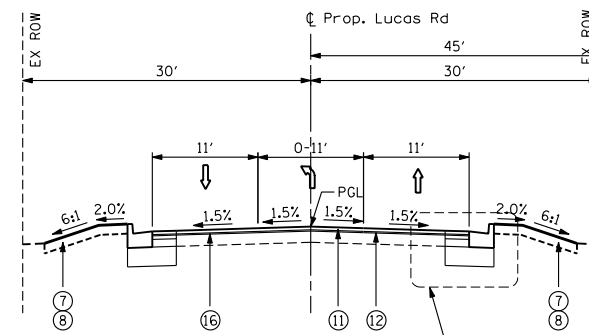
**TYPICAL EXISTING CROSS SECTION
LUCAS ROAD**
STA. 4+00.49 TO STA. 9+07.00



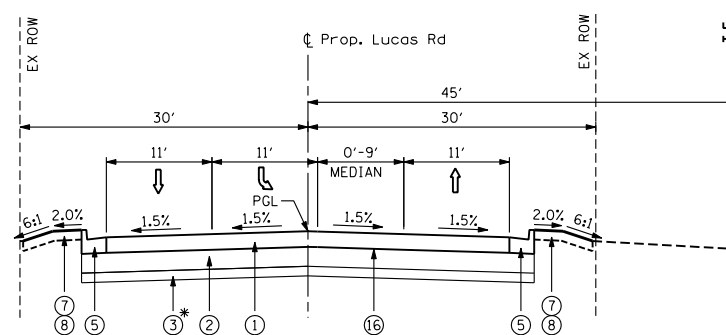
**TYPICAL EXISTING CROSS SECTION
COLLEGE ENTRANCE #3 (TARTON DR)**
STA. 10+92.20 TO STA. 13+70.73



**TYPICAL PROPOSED CROSS SECTION
LUCAS ROAD**
STA. 3+27.60 TO STA. 6+00.00

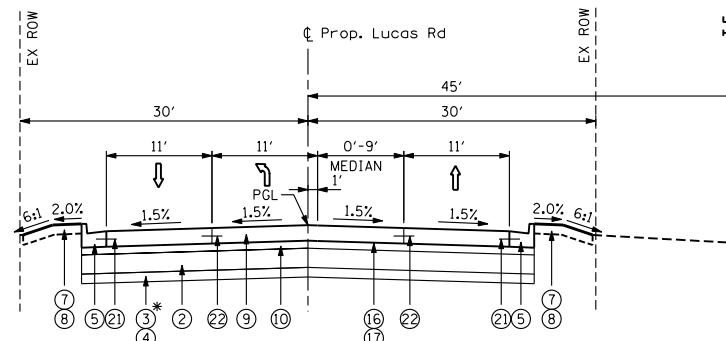


**TYPICAL PROPOSED CROSS SECTION
LUCAS ROAD**
STA. 6+00.00 TO STA. 6+50.00



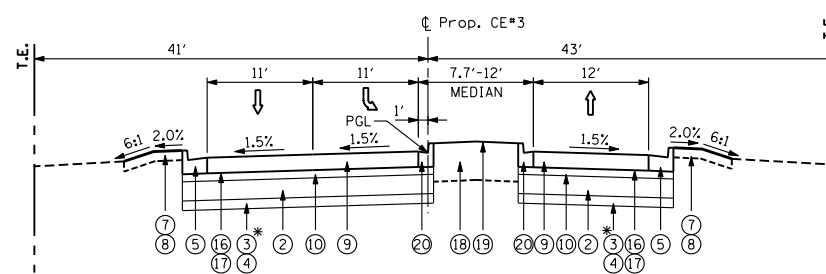
**TYPICAL PROPOSED CROSS SECTION
LUCAS ROAD**
STA. 6+50.00 TO STA. 8+38.10

* PGE WITHIN US RTE 14 MAINLINE PAVEMENT



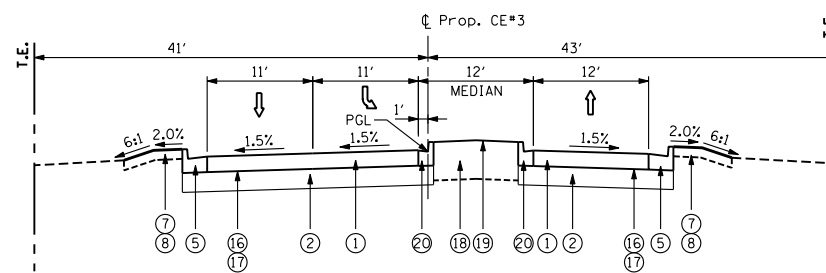
**TYPICAL PROPOSED CROSS SECTION
LUCAS ROAD / COLLEGE ENTRANCE #3 (TARTON DR)**
STA. 8+38.10 TO STA. 10+67.00

* PGE WITHIN US RTE 14 MAINLINE PAVEMENT

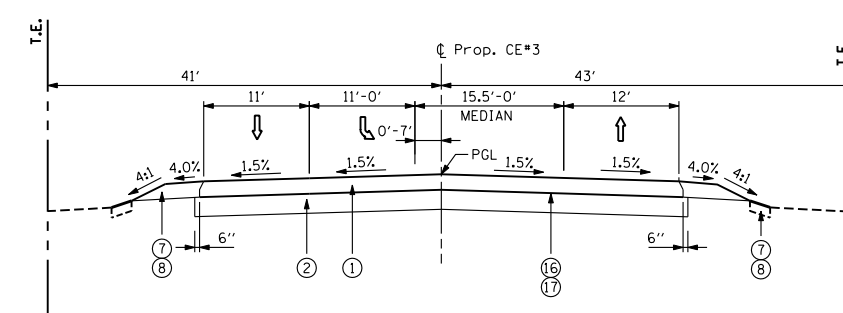


**TYPICAL PROPOSED CROSS SECTION
COLLEGE ENTRANCE #3 (TARTON DR)**
STA. 10+67.00 TO STA. 12+01.30

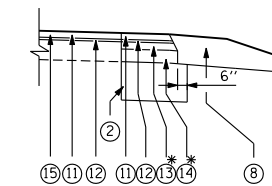
* PGE WITHIN US RTE 14 MAINLINE PAVEMENT



**TYPICAL PROPOSED CROSS SECTION
COLLEGE ENTRANCE #3 (TARTON DR)**
STA. 12+01.30 TO STA. 13+01.00

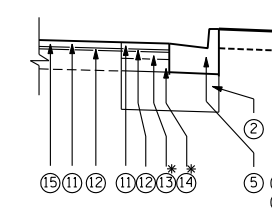


**TYPICAL PROPOSED CROSS SECTION
COLLEGE ENTRANCE #3 (TARTON DR)**
STA. 13+01.00 TO STA. 15+76.30



WIDENING DETAIL A

* SEE NOTE 8 ON SHEET 16



WIDENING DETAIL B

* SEE NOTE 8 ON SHEET 16

EXISTING LEGEND

- ① EXISTING HMA PAVEMENT, (COLLEGE ENTRANCE #3 - 5", LUCAS RD - 9")
- ② EXISTING AGGREGATE SHOULDER, 6"
- ③ EXISTING AGGREGATE SUBGRADE, 12"

PROPOSED LEGEND

- ① HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ POROUS GRANULAR EMBANKMENT
- ④ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑥ AGGREGATE SHOULDERS, TYPE B 9"
- ⑦ PROPOSED TOPSOIL, 6" (SEE NOTE 6 ON SHEET 16)
- ⑧ SEEDING, CLASS 2A
- ⑨ PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- ⑩ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑫ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- ⑬ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"
- ⑭ HOT-MIX ASPHALT BASE COURSE WIDENING, 4 1/2"
- ⑮ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑯ BITUMINOUS MATERIALS (PRIME COAT)
- ⑰ AGGREGATE (PRIME COAT)
- ⑱ TOPSOIL FURNISH AND PLACE, 24"
- ⑲ SEEDING, CLASS 2A
- ⑳ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉑ NO. 6 EPOXY COATED TIE BARS 24" LONG @ 24" CTS
- ㉒ LONGITUDINAL CONSTRUCTION JOINT, WITH NO. 6 EPOXY COATED TIE BARS 30" LONG AT 24" CENTERS

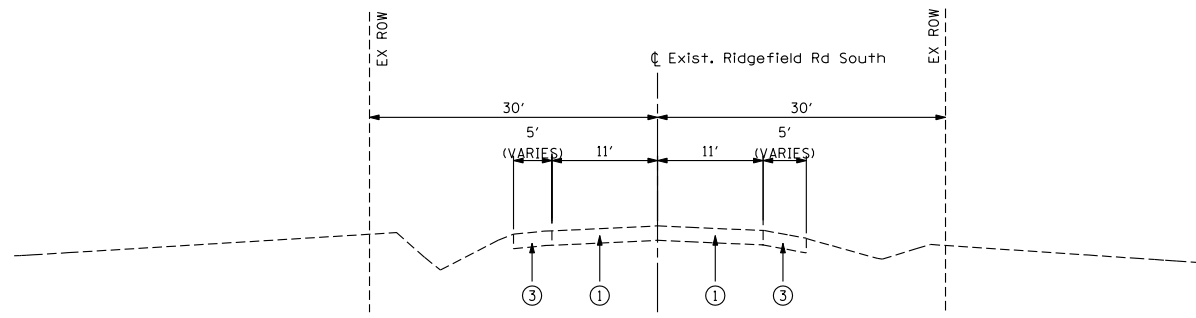
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

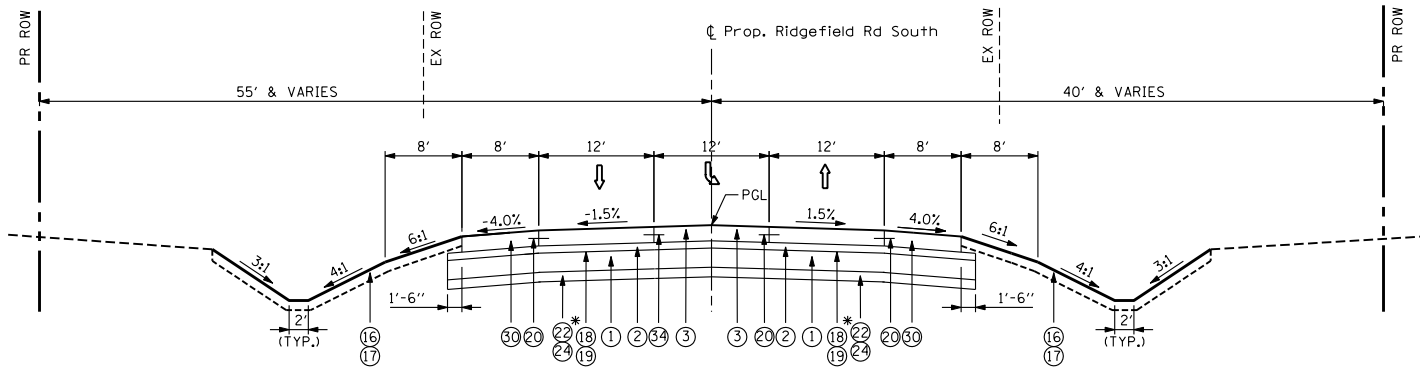
**TYPICAL SECTIONS
LUCAS RD & COLLEGE ENTRANCE #3 (TARTON DR)**

SCALE: SHEET NO. 14 OF 431 SHEETS STA. TO STA.

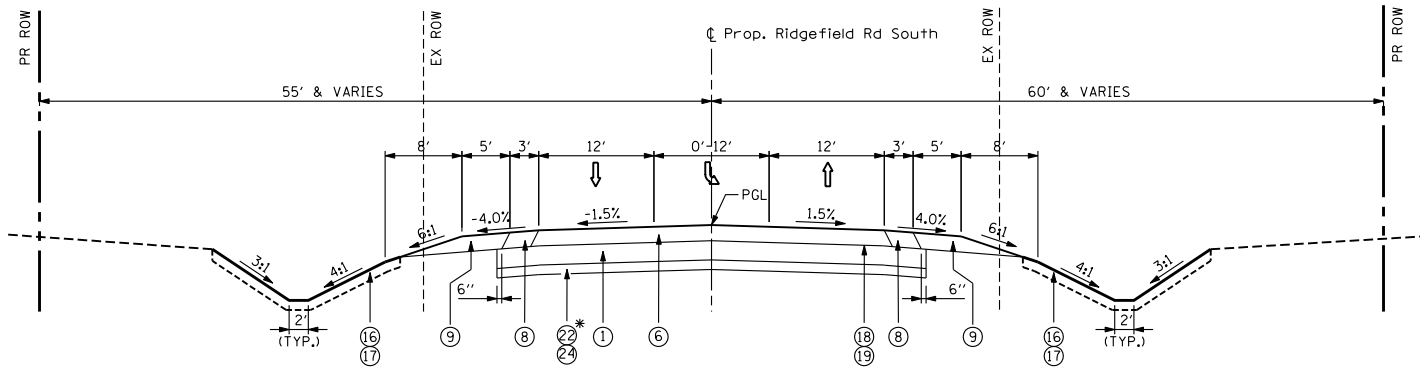
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	14
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				



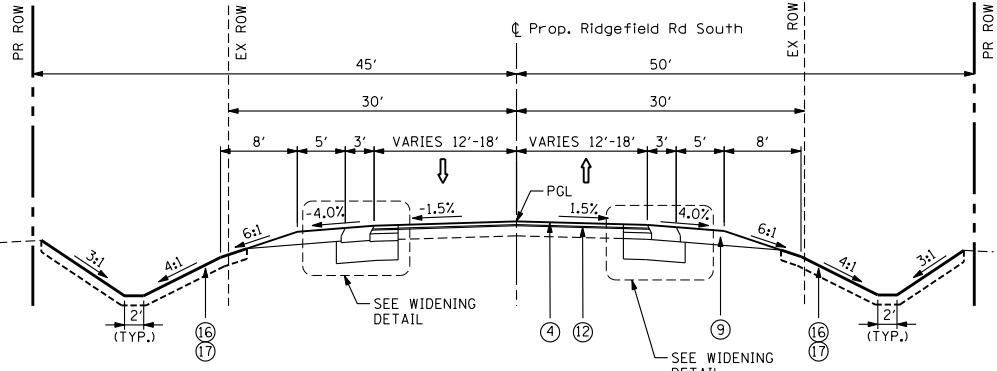
**TYPICAL EXISTING CROSS SECTION
RIDGEFIELD ROAD SOUTH**
STA. 900+00 TO STA. 907+07.80



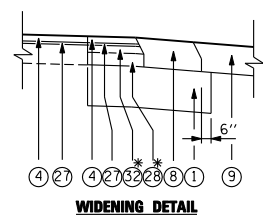
**TYPICAL PROPOSED CROSS SECTION
RIDGEFIELD ROAD SOUTH**
STA. 900+00 TO STA. 901+77.55
* SEE PGES LIMITS ON SHEET 18



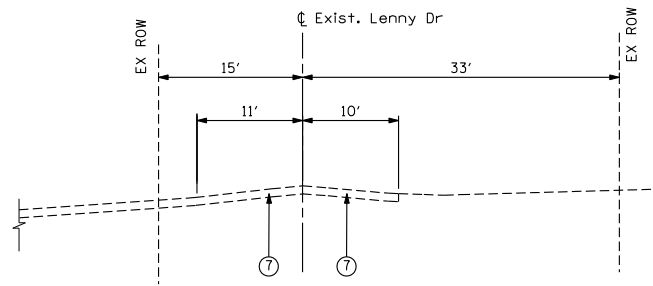
**TYPICAL PROPOSED CROSS SECTION
RIDGEFIELD ROAD SOUTH**
STA. 901+77.55 TO STA. 904+25.00
* SEE PGES LIMITS ON SHEET 18



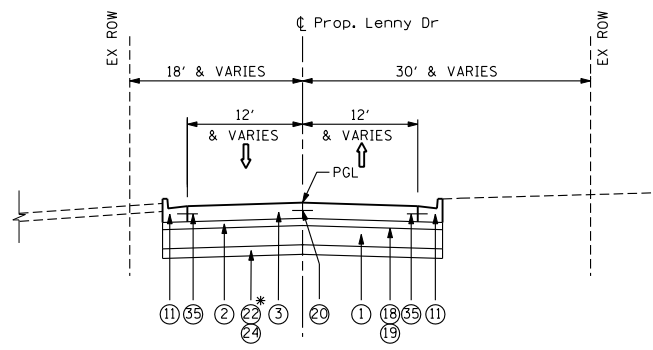
**TYPICAL PROPOSED CROSS SECTION
RIDGEFIELD ROAD SOUTH**
STA. 904+25 TO STA. 907+07.80



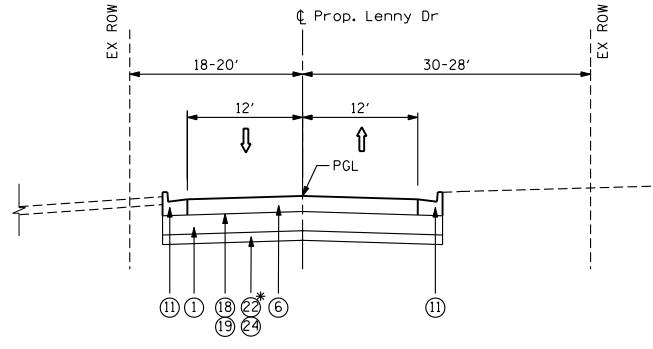
WIDENING DETAIL
* SEE NOTE 8 ON SHEET 16.



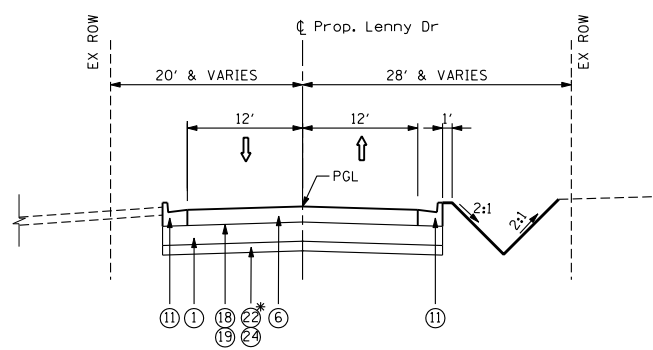
**TYPICAL EXISTING CROSS SECTION
LENNY DRIVE**
STA. 0+00 TO STA. 4+18.12



**TYPICAL PROPOSED CROSS SECTION
LENNY DRIVE**
STA. 0+00 TO STA. 1+27.35
* SEE PGES LIMITS ON SHEET 18



**TYPICAL PROPOSED CROSS SECTION
LENNY DRIVE**
STA. 1+27.35 TO STA. 2+45.27
* SEE PGES LIMITS ON SHEET 18



**TYPICAL PROPOSED CROSS SECTION
LENNY DRIVE**
STA. 2+45.27 TO STA. 4+18.12
* SEE PGES LIMITS ON SHEET 18

EXISTING LEGEND

- ① EXISTING HMA PAVEMENT, 9"
- ② EXISTING PORTLAND CEMENT CONCRETE, 4.75" - 8.75"
- ③ EXISTING AGGREGATE SHOULDER
- ④ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.12
- ⑤ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- ⑥ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- ⑦ EXISTING HMA PAVEMENT 5"

PROPOSED LEGEND

- ① AGGREGATE SUBGRADE IMPROVEMENT 12"
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑥ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ⑧ HOT-MIX ASPHALT SHOULDERS, 9"
- ⑨ AGGREGATE SHOULDERS, TYPE B 9"
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑬ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑭ M.C.C.D. BIKE TRAIL (SEE NOTE 3 ON SHEET 16)
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑯ PROPOSED TOPSOIL, 6" (SEE NOTE 6 ON SHEET 16)
- ⑰ SEEDING, CLASS 2A
- ⑱ BITUMINOUS MATERIALS (PRIME COAT)
- ⑲ AGGREGATE (PRIME COAT)
- ⑳ LONGITUDINAL CONSTRUCTION JOINT, WITH NO. 8 EPOXY COATED TIE BARS 30" LONG AT 24" CENTERS
- ㉑ TOPSOIL FURNISH AND PLACE, 24"
- ㉒ POROUS GRANULAR EMBANKMENT
- ㉓ COURSE AGGREGATE FILL
- ㉔ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ㉕ ADDITIONAL 1 FOOT PAVEMENT RECONSTRUCTION
- ㉖ SODDING, SALT TOLERANT
- ㉗ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- ㉘ HOT-MIX ASPHALT BASE COURSE WIDENING, 4 1/2"
- ㉙ HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/4"
- ㉚ PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"
- ㉛ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2 1/4")
- ㉜ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4")
- ㉝ CONCRETE MEDIAN, TYPE SB (SPECIAL)
- ㉞ LONGITUDINAL SAW JOINT, WITH NO. 6 EPOXY COATED TIE BARS 30" LONG AT 30" CENTERS
- ㉟ NO. 6 EPOXY COATED TIE BARS 24" LONG @ 24" CTS

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		CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
RIDGEFIELD ROAD SOUTH & LENNY DRIVE	
SCALE:	SHEET NO. 15 OF 431 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	15
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

CONTRACTOR SHALL MILL BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING (US 14)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm) (1 3/4")	4% @ 90 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")	3.5% @ 50 Gyr.
PAVEMENT WIDENING (US 14)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm) (1 3/4")	4% @ 90 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")	3.5% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2 1/4")	4% @ 90 Gyr.
HOT-MIX ASPHALT BASE COURSE WIDENING, 9/4" (HMA BINDER IL-19, N90)	4% @ 90 Gyr.
FULL-DEPTH PAVEMENT RECONSTRUCTION (LUCAS RD, COLLEGE ENTR 3) - SEE NOTE 7	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (1 1/2")	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (7/2")	4% @ 70 Gyr.
PAVEMENT RESURFACING (LUCAS RD, COLLEGE ENTRANCE 1)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (1 1/2")	4% @ 70 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")	3.5% @ 50 Gyr.
PAVEMENT WIDENING (LUCAS RD, COLLEGE ENTRANCE 3) - SEE NOTE 8	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (1 1/2")	4% @ 70 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")	3.5% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4")	4% @ 70 Gyr.
HOT-MIX ASPHALT BASE COURSE WIDENING, 4 1/2" (HMA BINDER IL-19)	4% @ 70 Gyr.
FULL-DEPTH PAVEMENT RECONSTRUCTION (RIDGEFIELD ROAD SOUTH) - SEE NOTE 7	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (1 1/2")	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (7/2")	4% @ 70 Gyr.
SHOULDER RECONSTRUCTION (RIDGEFIELD ROAD SOUTH)	
HOT-MIX ASPHALT SHOULDERS, 9" (HMA BINDER IL-19)	4% @ 50 Gyr.
PAVEMENT RESURFACING (RIDGEFIELD ROAD SOUTH)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (1 1/2")	4% @ 70 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")	3.5% @ 50 Gyr.
PAVEMENT WIDENING (RIDGEFIELD ROAD SOUTH) - SEE NOTE 8	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (1 1/2")	4% @ 70 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")	3.5% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4")	4% @ 70 Gyr.
HOT-MIX ASPHALT BASE COURSE WIDENING, 4 1/2" (HMA BINDER IL-19)	4% @ 70 Gyr.
FULL-DEPTH PAVEMENT RECONSTRUCTION (LENNY DR) - SEE NOTE 7	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (1 1/2")	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (7/2")	4% @ 70 Gyr.
STABILIZED SUBBASE (US 14, RIDGEFIELD ROAD SOUTH, IL 176, LENNY DRIVE)	
STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (HMA BINDER IL-19 mm)	3% @ 50 Gyr.
DRIVEWAYS (PRIVATE /COMMERCIAL)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2" (IL 9.5 mm)	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19); PE -6", CE -8"	4% @ 50 Gyr.
DRIVEWAYS (FIELD ENTRANCE)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2" (IL 9.5 mm)	4% @ 50 Gyr.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (IL 9.5 mm)	4% @ 50 Gyr.
TEMPORARY PAVEMENT (HMA BINDER IL-19mm) (8 1/4")	4% @ 50 Gyr.
PAVEMENT PATCHING	
CLASS "D" PATCHES (HMA BINDER IL-19 mm) (6", 9", 13", 15", 16", 17")	4% @ 70 Gyr.
MULTI-USE TRAIL	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) (1 1/2")	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (2 1/2")	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

NOTES:

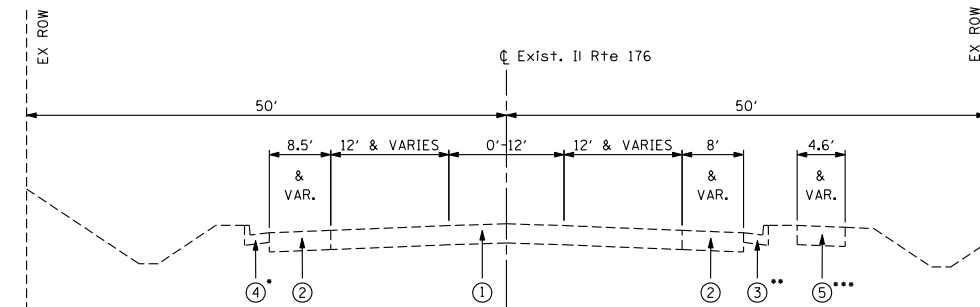
- UNLESS OTHERWISE NOTED, USE U.S. ROUTE 14 PAVEMENT FOR SIDEROADS.
- POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT LOCATIONS OF UNSUITABLE SOILS AS SHOWN IN SCHEDULE OF QUANTITIES.
- BIKETRAIL STRUCTURE; AGGREGATE BASE COURSE, TYPE B 10"; HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/2"; HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 1 1/2".
- CONCRETE MEDIAN IS BEING SHOWN. SEE LANDSCAPING PLANS FOR LANDSCAPED / CONCRETE MEDIAN LIMITS. SEE LANDSCAPED MEDIAN DETAIL ON SHEETS 12 AND 13.
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; TYPICALLY 10".
- PROPOSED TOPSOIL, 6" WILL CONSIST OF EXISTING TOPSOIL AND PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT FOR THE AMOUNT OF SUITABLE TOPSOIL AVAILABLE. ALL ADDITIONAL TOPSOIL NEEDED WILL BE PAID FOR AS TOPSOIL FURNISH AND PLACE, 6" .
- LUCAS RD, COLLEGE ENTR 3, RIDGEFIELD ROAD SOUTH AND LENNY DR FULL-DEPTH PAVEMENT RECONSTRUCTION WILL BE PAID FOR AS "HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 INCH".
- "HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4 INCH" AND "HOT-MIX ASPHALT BASE COURSE WIDENING, 4 1/2" (HMA BINDER IL-19)" WILL BE PAID FOR AS "HOT-MIX ASPHALT BASE COURSE WIDENING, 6 3/4" (HMA BINDER IL-19)".
- MULTI-USE PATH SHALL BE COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT (ADA). FOR MULTI-USE PATH THE MAXIMUM RUNNING SLOPE IS 5% AND THE MAXIMUM CROSS SLOPES IS 2%.

EXISTING LEGEND

- EXISTING HMA PAVEMENT, VARIES 12"-13"
- EXISTING HMA SHOULDER
- EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.12
- EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- EXISTING PORTLAND CEMENT CONCRETE SIDEWALK

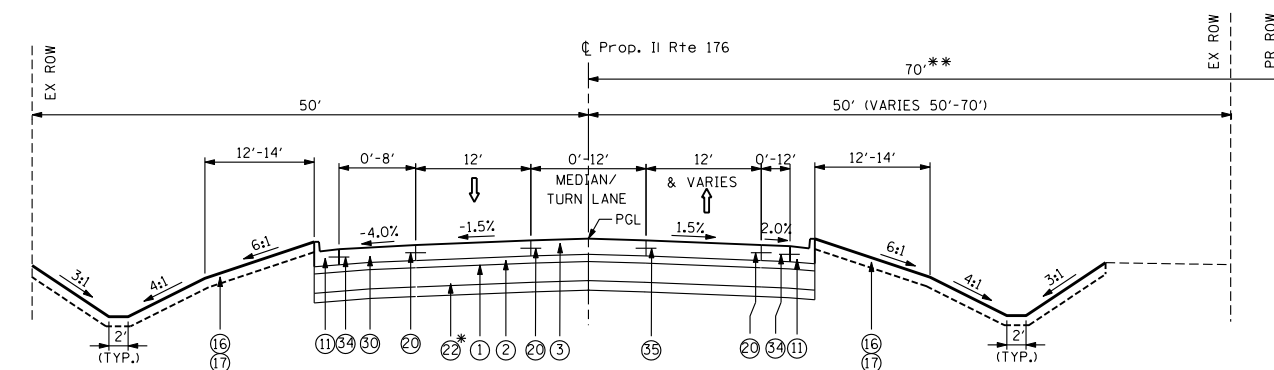
PROPOSED LEGEND

- AGGREGATE SUBGRADE IMPROVEMENT 12"
- STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- HOT-MIX ASPHALT SHOULDERS, 9"
- AGGREGATE SHOULDERS, TYPE B 9 3/4"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- CONCRETE MEDIAN SURFACE, 4 INCH
- M.C.C.D. BIKETRAIL (SEE NOTE 3 ON SHEET 16)
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- PROPOSED TOPSOIL, 6" (SEE NOTE 6 ON SHEET 16)
- SEEDING, CLASS 2A
- BITUMINOUS MATERIALS (PRIME COAT)
- AGGREGATE (PRIME COAT)
- LONGITUDINAL CONSTRUCTION JOINT, WITH NO. 8 EPOXY COATED TIE BARS 30" LONG AT 24" CENTERS
- TOPSOIL FURNISH AND PLACE, 24"
- POROUS GRANULAR EMBANKMENT
- COURSE AGGREGATE FILL
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ADDITIONAL 1 FOOT PAVEMENT RECONSTRUCTION
- SODDING, SALT TOLERANT
- POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -3/4"
- HOT-MIX ASPHALT BASE COURSE WIDENING, 4 1/2"
- HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/4"
- PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2 1/4")
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"
- CONCRETE MEDIAN, TYPE SB (SPECIAL)
- NO. 6 EPOXY COATED TIE BARS 24" LONG @ 24" CTS
- LONGITUDINAL SAW JOINT, WITH NO. 6 EPOXY COATED TIE BARS 30" LONG AT 30" CENTERS



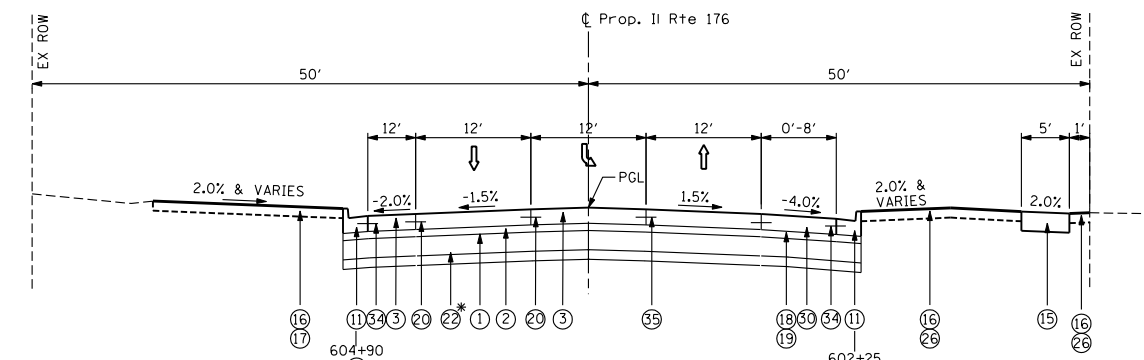
**TYPICAL EXISTING CROSS SECTION
IL ROUTE 176**
STA. 590+23.80 TO STA. 608+50.50

* CC&G, TYPE B-6.12 STA. 601+58.00 TO STA. 607+13.00
** STA. 596+62.00 TO STA. 604+70.83
*** STA. 601+30.00 TO STA. 608+50.50

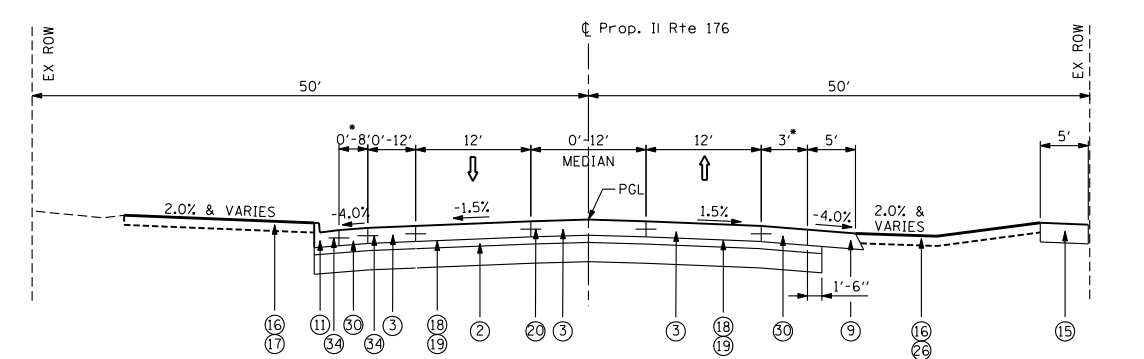


**TYPICAL PROPOSED CROSS SECTION
IL ROUTE 176**
STA. 590+23.80 TO STA. 599+00.00

* SEE PGES LIMITS ON SHEET 18
** STA. 596+50 TO STA. 598+21.72



**TYPICAL PROPOSED CROSS SECTION
IL ROUTE 176**
STA. 601+00.00 TO STA. 604+65.52
* SEE PGES LIMITS ON SHEET 18



**TYPICAL PROPOSED CROSS SECTION
IL ROUTE 176**
STA. 604+65.52 TO STA. 608+50.50

* MEET EXISTING AGGREGATE SHOULDER STA. 607+05.50 RT AND 607+94 LT

FILE NAME = S:\1606\CADD Sheets\0162517-sht-typicol.dgn	USER NAME = .USERNAME.	DESIGNED - JPW	REVISED -
		DRAWN - JPW	REVISED -
	PLOT SCALE = 20.000' / IN.	CHECKED - MGZ	REVISED -
	PLOT DATE = 6/5/2014	DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
IL ROUTE 176**

SCALE: SHEET NO. 16 OF 431 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	16
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

ITEM 44000100 PAVEMENT REMOVAL	
LOCATION STATION TO STATION	SO YD
US RTE 14	
493+00 TO 505+00	10,524
505+00 TO 520+00	11,831
520+00 TO 535+00	5,626
535+00 TO 550+00	5,993
550+00 TO 565+00	5,771
565+00 TO 578+00	7,632
578+00 TO 593+00	13,008
593+00 TO 599+00	4,598
599+00 TO 608+00	1,221
608+00 TP 619+26.50	532
LUCAS RD	
3+27.60 TO 15+76.00	3,653
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	2,064
904+25.00 TO 907+07.35	509
LENNY DR	
00+37.11 TO 04+39.21	2,451
IL 176	
590+23.80 TO 599+44.15	6,356
600+57.53 TO 608+50.50	5,634
HICKORY DR	
10+24.13 TO 10+89.00	171
ROCKLAND RD	
10+00.00 TO 11+06.50	287
TOTAL	87,861

ITEM 44000158 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	
LOCATION STATION TO STATION	SO YD
US RTE 14	
493+00 TO 505+00	0
505+00 TO 520+00	532
520+00 TO 535+00	0
535+00 TO 550+00	0
550+00 TO 565+00	0
565+00 TO 578+00	0
578+00 TO 593+00	0
593+00 TO 599+00	0
599+00 TO 608+00	0
608+00 TP 619+26.50	0
LUCAS RD	
3+27.60 TO 15+76.00	743
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	0
904+25.00 TO 907+07.35	769
LENNY DR	
00+37.11 TO 04+39.21	0
IL 176	
590+23.80 TO 599+44.15	0
600+57.53 TO 608+50.50	0
TOTAL	2,044

ITEM 44000159 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	
LOCATION STATION TO STATION	SO YD
US RTE 14	
493+00 TO 505+00	0
505+00 TO 520+00	0
520+00 TO 535+00	0
535+00 TO 550+00	0
550+00 TO 565+00	0
565+00 TO 578+00	0
578+00 TO 593+00	0
593+00 TO 599+00	0
599+00 TO 608+00	4,403
608+00 TP 619+26.50	6,947
LUCAS RD	
3+27.60 TO 15+76.00	0
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	0
904+25.00 TO 907+07.35	0
LENNY DR	
00+37.11 TO 04+39.21	0
IL 176	
590+23.80 TO 599+44.15	0
600+57.53 TO 608+50.50	0
TOTAL	11,350

ITEM 44000200 DRIVEWAY PAVEMENT REMOVAL	
LOCATION STATION TO STATION	SO YD
US RTE 14	
493+00 TO 505+00	225
505+00 TO 520+00	373
520+00 TO 535+00	377
535+00 TO 550+00	0
550+00 TO 565+00	318
565+00 TO 578+00	325
578+00 TO 593+00	1,369
593+00 TO 599+00	380
599+00 TO 608+00	362
608+00 TP 619+26.50	375
LUCAS RD	
3+27.60 TO 15+76.00	66
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	146
904+25.00 TO 907+07.35	0
LENNY DR	
00+37.11 TO 04+39.21	49
IL 176	
590+23.80 TO 599+44.15	507
600+57.53 TO 608+50.50	786
TOTAL	5,658

ITEM 44000300 CURB REMOVAL	
LOCATION STATION TO STATION	FOOT
US RTE 14	
493+00 TO 505+00	0
505+00 TO 520+00	380
520+00 TO 535+00	132
535+00 TO 550+00	0
550+00 TO 565+00	88
565+00 TO 578+00	139
578+00 TO 593+00	656
593+00 TO 599+00	0
599+00 TO 608+00	93
608+00 TP 619+26.50	37
LUCAS RD	
3+27.60 TO 15+76.00	0
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	143
904+25.00 TO 907+07.35	0
LENNY DR	
00+37.11 TO 04+39.21	0
IL 176	
590+23.80 TO 599+44.15	133
600+57.53 TO 608+50.50	139
TOTAL	1,940

ITEM 44000500 COMBINATION CURB AND GUTTER REMOVAL	
LOCATION STATION TO STATION	FOOT
US RTE 14	
493+00 TO 505+00	0
505+00 TO 520+00	0
520+00 TO 535+00	122
535+00 TO 550+00	0
550+00 TO 565+00	0
565+00 TO 578+00	355
578+00 TO 593+00	3,082
593+00 TO 599+00	1,317
599+00 TO 608+00	2,281
608+00 TP 619+26.50	2,630
LUCAS RD	
3+27.60 TO 15+76.00	0
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	0
904+25.00 TO 907+07.35	0
LENNY DR	
00+37.11 TO 04+39.21	0
IL 176	
590+23.80 TO 599+44.15	640
600+57.53 TO 608+50.50	1,346
TOTAL	11,773

ITEM 44000600 SIDEWALK REMOVAL	
LOCATION STATION TO STATION	SO FT
US RTE 14	
493+00 TO 505+00	0
505+00 TO 520+00	0
520+00 TO 535+00	0
535+00 TO 550+00	0
550+00 TO 565+00	0
565+00 TO 578+00	0
578+00 TO 593+00	1,277
593+00 TO 599+00	2,183
599+00 TO 608+00	4,660
608+00 TP 619+26.50	8,097
LUCAS RD	
3+27.60 TO 15+76.00	0
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	0
904+25.00 TO 907+07.35	0
LENNY DR	
00+37.11 TO 04+39.21	0
IL 176	
590+23.80 TO 599+44.15	0
600+57.53 TO 608+50.50	1,087
TOTAL	17,304

ITEM 44004250 PAVED SHOULDER REMOVAL	
LOCATION STATION TO STATION	SO YD
US RTE 14	
493+00 TO 505+00	0
505+00 TO 520+00	0
520+00 TO 535+00	121
535+00 TO 550+00	0
550+00 TO 565+00	105
565+00 TO 578+00	22
578+00 TO 593+00	58
593+00 TO 599+00	0
599+00 TO 608+00	0
608+00 TP 619+26.50	0
LUCAS RD	
3+27.60 TO 15+76.00	0
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	0
904+25.00 TO 907+07.35	0
LENNY DR	
00+37.11 TO 04+39.21	0
IL 176	
590+23.80 TO 599+44.15	101
600+57.53 TO 608+50.50	0
TOTAL	407

ITEM 44213200 SAW CUTS	
LOCATION STATION TO STATION	FOOT
US RTE 14	
493+00 TO 505+00	94
505+00 TO 520+00	192
520+00 TO 535+00	90
535+00 TO 550+00	0
550+00 TO 565+00	53
565+00 TO 578+00	144
578+00 TO 593+00	641
593+00 TO 599+00	164
599+00 TO 608+00	2,311
608+00 TP 619+26.50	2,957
LUCAS RD	
3+27.60 TO 15+76.00	24
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	24
904+25.00 TO 907+07.35	40
LENNY DR	
00+37.11 TO 04+39.21	40
IL 176	
590+23.80 TO 599+44.15	152
600+57.53 TO 608+50.50	304
TOTAL	7,230

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	PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -
	PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 23 OF 431 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	23
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

ITEM 60600605 CONCRETE CURB, TYPE B	
LOCATION STATION TO STATION	FOOT
US RTE 14	
493+00 TO 505+00	0
505+00 TO 520+00	265
520+00 TO 535+00	92
535+00 TO 550+00	0
550+00 TO 565+00	33
565+00 TO 578+00	83
578+00 TO 593+00	513
593+00 TO 599+00	0
599+00 TO 608+00	58
608+00 TP 619+26.50	192
LUCAS RD	
3+27.60 TO 15+76.00	0
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	102
904+25.00 TO 907+07.35	0
LENNY DR	
00+37.11 TO 04+39.21	0
IL 176	
590+23.80 TO 599+44.15	126
600+57.53 TO 608+50.50	147
TOTAL	1,611

ITEM 44003100 MEDIAN REMOVAL	
LOCATION STATION TO STATION	SQ YD
US RTE 14	
493+00 TO 505+00	0
505+00 TO 520+00	0
520+00 TO 535+00	0
535+00 TO 550+00	0
550+00 TO 565+00	0
565+00 TO 578+00	0
578+00 TO 593+00	1,954
593+00 TO 599+00	0
599+00 TO 608+00	0
608+00 TP 619+26.50	0
RIDGEFIELD RD SOUTH	
900+45.32 TO 904+25.00	0
904+25.00 TO 907+07.35	0
LENNY DR	
00+37.11 TO 04+39.21	0
IL 176	
590+23.80 TO 599+44.15	78
600+57.53 TO 608+50.50	0
TOTAL	2,032

PAVEMENT MARKING SCHEDULE													
LOCATION	78000100 THPL PVT MK LTR & SYM (SQ FT)	78000200 THPL PVT MK LINE 4 (FOOT)	78000400 THPL PVT MK LINE 6 (FOOT)	78000600 THPL PVT MK LINE 12 (FOOT)	78000650 THPL PVT MK LINE 24 (FOOT)	78005100 EPOXY PVT MK LTR-SYM (SQ FT)	78005110 EPOXY PVT MK LINE 4 (FOOT)	78005180 EPOXY PVT MK LINE 24 (FOOT)	78008300 POLYUREA PM T2 LTR-SY (SQ FT)	78008310 POLYUREA PM T2 LN 4 (FOOT)	78008330 POLYUREA PM T2 LN 6 (FOOT)	78008350 POLYUREA PM T2 LN 12 (FOOT)	78008370 POLYUREA PM T2 LN 24 (FOOT)
US RTE 14													
493+00 TO 505+00	0	0	0	0	0	0	1,087	10	187	1,783	1,576	842	165
505+00 TO 520+00	0	0	0	0	0	46	661	10	125	750	729	140	13
520+00 TO 535+00	0	0	0	0	0	0	0	0	135	1,041	855	168	0
535+00 TO 550+00	0	0	0	0	0	0	0	0	0	750	15	0	0
550+00 TO 565+00	0	0	0	0	0	0	0	0	0	765	118	0	0
565+00 TO 578+00	0	0	0	0	0	0	0	0	281	1,265	2,048	292	93
578+00 TO 593+00	0	0	0	0	0	0	0	0	156	1,378	1,647	355	248
593+00 TO 599+00	0	0	0	0	0	0	0	0	31	804	315	103	0
599+00 TO 608+00	73	2,793	1,006	73	140	0	0	0	0	0	0	0	0
608+00 TP 619+26.50	171	3,142	1,214	35	135	0	0	0	0	0	0	0	0
LUCAS RD													
3+26.70 TO 15+76.10	94	3,106	383	250	0	0	0	0	125	130	0	0	0
RIDGEFIELD RD SOUTH													
900+45.32 TO 904+25.00	73	1,002	217	41	28	0	0	0	0	0	0	0	0
904+25.00 TO 907+07.35	0	940	0	45	0	0	0	0	0	0	0	0	0
LENNY DR													
00+37.11 TO 04+39.21	0	375	0	0	0	0	0	0	36	155	0	0	20
IL 176													
590+23.80 TO 599+44.15	0	0	0	0	0	0	0	0	146	2,802	683	66	0
600+57.53 TO 608+50.50	0	0	0	0	0	0	0	0	146	2,142	814	54	0
TOTAL	411	11,358	2,820	444	303	46	1,748	20	1,368	13,765	8,800	2,020	539

TEMPORARY PAVEMENT MARKING SCHEDULE					
LOCATION	X7030025 WET REF TEM TP T3 L&S (SQ FT)	X7030030 WET REF TEM TAPE T3 4 (FOOT)	X7030040 WET REF TEM TAPE T3 6 (FOOT)	X7030050 WET REF TEM TPE T3 12 (FOOT)	X7030055 WET REF TEM TPE T3 24 (FOOT)
US RTE 14					
493+00 TO 505+00	364	16,660	1,403	296	236
505+00 TO 520+00	146	13,871	741	709	246
520+00 TO 535+00	36	14,627	233	0	0
535+00 TO 550+00	0	15,000	0	0	0
550+00 TO 565+00	0	13,942	0	0	0
565+00 TO 578+00	114	15,409	852	0	148
578+00 TO 593+00	291	13,488	1,295	153	239
593+00 TO 599+00	187	6,257	0	118	0
599+00 TO 608+00	380	8,978	570	365	282
608+00 TP 619+26.50	333	6,236	38	49	22
LUCAS RD					
3+27.60 TO 15+76.00	0	4,548	0	0	0
RIDGEFIELD RD SOUTH					
900+45.32 TO 904+25.00	36	5,876	0	0	82
904+25.00 TO 907+07.35	0	3,635	0	0	0
LENNY DR					
00+37.11 TO 04+39.21	0	2,347	0	0	86
IL 176					
590+23.80 TO 599+44.15	73	8,695	276	0	44
600+57.53 TO 608+50.50	146	7,770	376	0	44
TOTAL	2,106	157,339	5,784	1,690	1,429

ITEM 48300415 PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"		
LOCATION STATION TO STATION	SO	YD
US RTE 14		
493+00 TO 505+00	0	
505+00 TO 520+00	0	
520+00 TO 535+00	0	
535+00 TO 550+00	0	
550+00 TO 565+00	0	
565+00 TO 578+00	0	
578+00 TO 593+00	0	
593+00 TO 599+00	0	
599+00 TO 608+00	0	
608+00 TP 619+26.50	0	
LUCAS RD		
3+27.60 TO 15+76.00	0	
RIDGEFIELD RD SOUTH		
900+45.32 TO 904+25.00	83	
904+25.00 TO 907+07.35	28	
LENNY DR		
00+37.11 TO 04+39.21	0	
IL 176		
590+23.80 TO 599+44.15	333	
600+57.53 TO 608+50.50	577	
TOTAL	1,021	

ITEM 30300112 AGGREGATE SUBGRADE IMPROVEMENT 12"		
LOCATION STATION TO STATION	AREA (SQ YD)	
US RTE 14		
493+00 TO 505+00	12,385	
505+00 TO 520+00	12,580	
520+00 TO 535+00	12,142	
535+00 TO 550+00	10,812	
550+00 TO 565+00	10,656	
565+00 TO 578+00	12,182	
578+00 TO 593+00	14,460	
593+00 TO 599+00	5,582	
599+00 TO 608+00	3,841	
608+00 TO 619+26.50	3,034	
COLLEGE ENTRANCE #3		
11+09.48 TO 15+76.00	2034	
RIDGEFIELD RD SOUTH		
900+45.32 TO 904+25.00	2,531	
904+25.00 TO 907+07.35	639	
LENNY DR		
00+37.11 TO 04+39.21	1,400	
IL 176		
590+23.80 TO 599+44.15	5,646	
600+57.53 TO 608+50.50	5,489	
LUCAS RD		
3+27.60 TO 8+38.10	1268	
ROCKLAND RD		
10+00.00 TO 11+06.50	287	
HICKORY DR		
10+35.59 TO 10+89.00	206	
TOTAL	117,174	

ITEM 70300100 SHORT TERM PAVEMENT MARKING		
LOCATION STATION TO STATION	FOOT	
US RTE 14		
493+00 TO 505+00	110.00	
505+00 TO 520+00	137.00	
520+00 TO 535+00	137.00	
535+00 TO 550+00	137.00	
550+00 TO 565+00	137.00	
565+00 TO 578+00	137.00	
578+00 TO 593+00	137.00	
593+00 TO 599+00	53.00	
599+00 TO 608+00	504.00	
608+00 TP 619+26.50	610.00	
COLLEGE ENTRANCE #3		
11+09.48 TO 15+76.00	0	
RIDGEFIELD RD SOUTH		
900+45.32 TO 904+25.00	0	
904+25.00 TO 907+07.35	0	
LENNY DR		
00+37.11 TO 04+39.21	0	
IL 176		
590+23.80 TO 599+44.15	111	
600+57.53 TO 608+50.50	100	
TOTAL	2,310	

ITEM 78100100 RAISED REFLECTIVE PAVEMENT MARKER		
LOCATION STATION TO STATION	EACH	
US RTE 14		
493+00 TO 505+00	69	
505+00 TO 520+00	85	
520+00 TO 535+00	86	
535+00 TO 550+00	75	
550+00 TO 565+00	75	
565+00 TO 578+00	83	
578+00 TO 593+00	82	
593+00 TO 599+00	38	
599+00 TO 608+00	84	
608+00 TP 619+26.50	121	
LUCAS RD		
3+27.60 TO 15+76.00	57	
RIDGEFIELD RD SOUTH		
900+45.32 TO 904+25.00	20	
904+25.00 TO 907+07.35	22	
LENNY DR		
00+37.11 TO 04+39.21	13	
IL 176		
590+23.80 TO 599+44.15	30	
600+57.53 TO 608+50.50	45	
TOTAL	985	

ITEM 78300100 PAVEMENT MARKING REMOVAL		
LOCATION STATION TO STATION	SO FT	
US RTE 14		
493+00 TO 505+00	967	
505+00 TO 520+00	1,039	
520+00 TO 535+00	880	
535+00 TO 550+00	1,500	
550+00 TO 565+00	1,500	
565+00 TO 578+00	488	
578+00 TO 593+00	1,306	
593+00 TO 599+00	650	
599+00 TO 608+00	1,080	
608+00 TP 619+26.50	833	
LUCAS RD		
3+27.60 TO 15+76.00	0	
RIDGEFIELD RD SOUTH		
900+45.32 TO 904+25.00	0	
904+25.00 TO 907+07.35	0	
LENNY DR		
00+37.11 TO 04+39.21	0	
IL 176		
590+23.80 TO 599+44.15	627	
600+57.53 TO 608+50.50	541	
TOTAL	11,411	

ITEM 20062456 TEMPORARY PAVEMENT		
LOCATION STATION TO STATION	SO YD	
US RTE 14		
493+00 TO 505+00	4,258	
505+00 TO 520+00	4,157	
520+00 TO 535+00	357	
535+00 TO 550+00	777	
550+00 TO 565+00	610	
565+00 TO 578+00	2,059	
578+00 TO 593+00	1,495	
593+00 TO 599+00	1,587	
599+00 TO 608+00	815	
608+00 TP 619+26.50	243	
LUCAS RD		
3+27.60 TO 15+76.00	842	
RIDGEFIELD RD SOUTH		
900+45.32 TO 904+25.00	423	
904+25.00 TO 907+07.35	595	
LENNY DR		
00+37.11 TO 04+39.21	250	
IL 176		
590+23.80 TO 599+44.15	3,054	
600+57.53 TO 608+50.50	2,290	
TOTAL	23,812	

ITEM 70301000 WORK ZONE PAVEMENT MARKING REMOVAL		
LOCATION STATION TO STATION	SO FT	
US RTE 14		
493+00 TO 505+00	5,714	
505+00 TO 520+00	3,712	
520+00 TO 535+00	4,149	
535+00 TO 550+00	3,046	
550+00 TO 565+00	3,049	
565+00 TO 578+00	4,180	
578+00 TO 593+00	4,193	
593+00 TO 599+00	1,300	
599+00 TO 608+00	2,448	
608+00 TP 619+26.50	890	
LUCAS RD		
3+27.60 TO 15+76.00	1,304	
RIDGEFIELD RD SOUTH		
900+45.32 TO 904+25.00	1,489	
904+25.00 TO 907+07.35	1,563	
LENNY DR		
00+37.11 TO 04+39.21	630	
IL 176		
590+23.80 TO 599+44.15	1,780	
600+57.53 TO 608+50.50	1,641	
TOTAL	41,088	

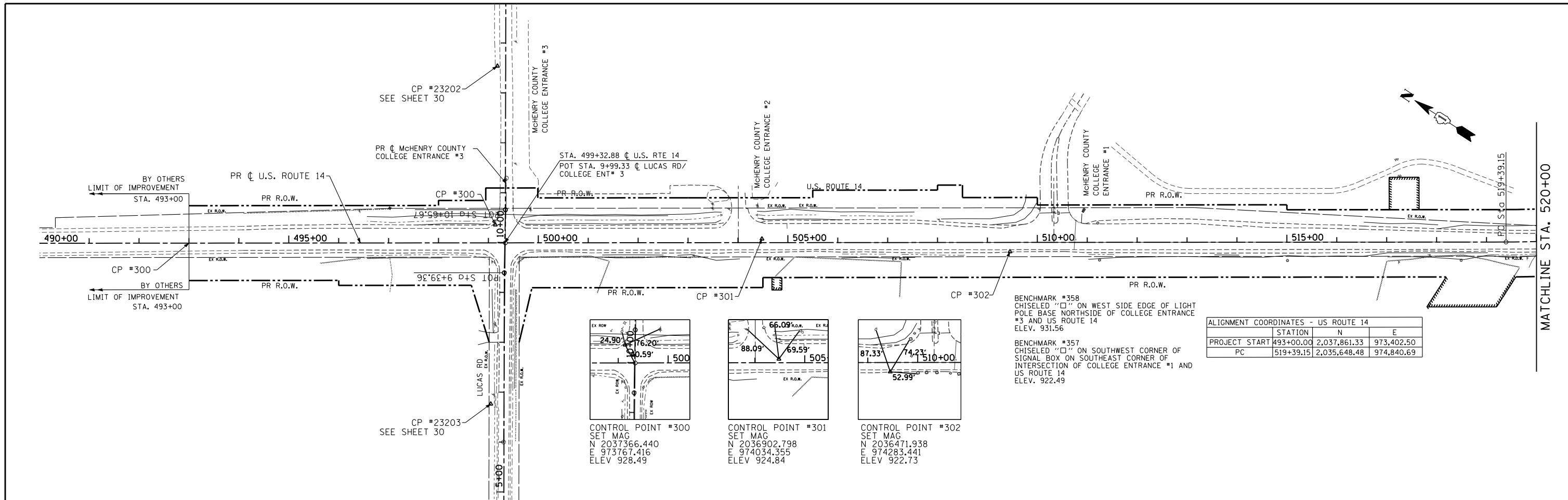
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		CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 26 OF 431 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	26
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

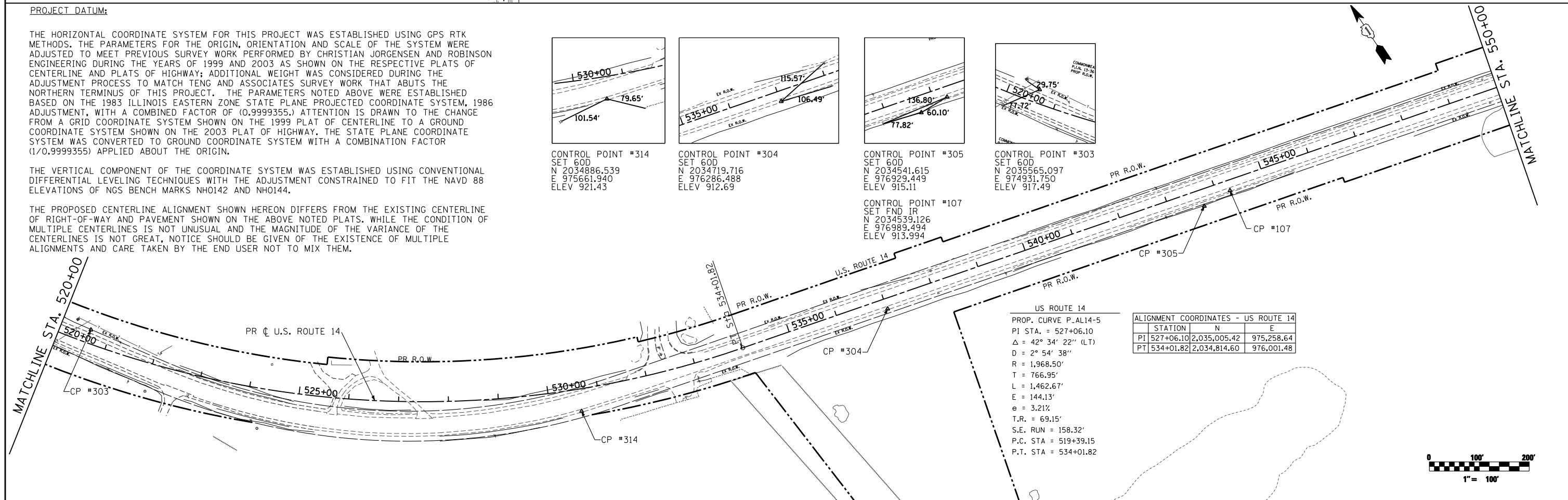


PROJECT DATUM:

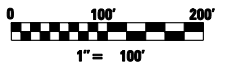
THE HORIZONTAL COORDINATE SYSTEM FOR THIS PROJECT WAS ESTABLISHED USING GPS RTK METHODS. THE PARAMETERS FOR THE ORIGIN, ORIENTATION AND SCALE OF THE SYSTEM WERE ADJUSTED TO MEET PREVIOUS SURVEY WORK PERFORMED BY CHRISTIAN JORGENSEN AND ROBINSON ENGINEERING DURING THE YEARS OF 1999 AND 2003 AS SHOWN ON THE RESPECTIVE PLATS OF CENTERLINE AND PLATS OF HIGHWAY; ADDITIONAL WEIGHT WAS CONSIDERED DURING THE ADJUSTMENT PROCESS TO MATCH TENG AND ASSOCIATES SURVEY WORK THAT ABUTS THE NORTHERN TERMINUS OF THIS PROJECT. THE PARAMETERS NOTED ABOVE WERE ESTABLISHED BASED ON THE 1983 ILLINOIS EASTERN ZONE STATE PLANE PROJECTED COORDINATE SYSTEM, 1986 ADJUSTMENT, WITH A COMBINED FACTOR OF (0.9999355.) ATTENTION IS DRAWN TO THE CHANGE FROM A GRID COORDINATE SYSTEM SHOWN ON THE 1999 PLAT OF CENTERLINE TO A GROUND COORDINATE SYSTEM SHOWN ON THE 2003 PLAT OF HIGHWAY. THE STATE PLANE COORDINATE SYSTEM WAS CONVERTED TO GROUND COORDINATE SYSTEM WITH A COMBINATION FACTOR (1/0.9999355) APPLIED ABOUT THE ORIGIN.

THE VERTICAL COMPONENT OF THE COORDINATE SYSTEM WAS ESTABLISHED USING CONVENTIONAL DIFFERENTIAL LEVELING TECHNIQUES WITH THE ADJUSTMENT CONSTRAINED TO FIT THE NAVD 88 ELEVATIONS OF NGS BENCH MARKS NHO142 AND NHO144.

THE PROPOSED CENTERLINE ALIGNMENT SHOWN HEREON DIFFERS FROM THE EXISTING CENTERLINE OF RIGHT-OF-WAY AND PAVEMENT SHOWN ON THE ABOVE NOTED PLATS. WHILE THE CONDITION OF MULTIPLE CENTERLINES IS NOT UNUSUAL AND THE MAGNITUDE OF THE VARIANCE OF THE CENTERLINES IS NOT GREAT, NOTICE SHOULD BE GIVEN OF THE EXISTENCE OF MULTIPLE ALIGNMENTS AND CARE TAKEN BY THE END USER NOT TO MIX THEM.



US ROUTE 14
 PROP. CURVE P-AL14-5
 PI STA. = 527+06.10
 $\Delta = 42^\circ 34' 22''$ (LT)
 $D = 2^\circ 54' 38''$
 $R = 1,968.50'$
 $T = 766.95'$
 $L = 1,462.67'$
 $E = 144.13'$
 $\theta = 3.21\%$
 $T.R. = 69.15'$
 $S.E. RUN = 158.32'$
 $P.C. STA = 519+39.15$
 $P.T. STA = 534+01.82$



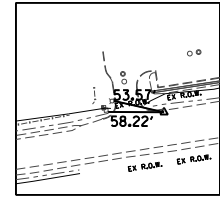
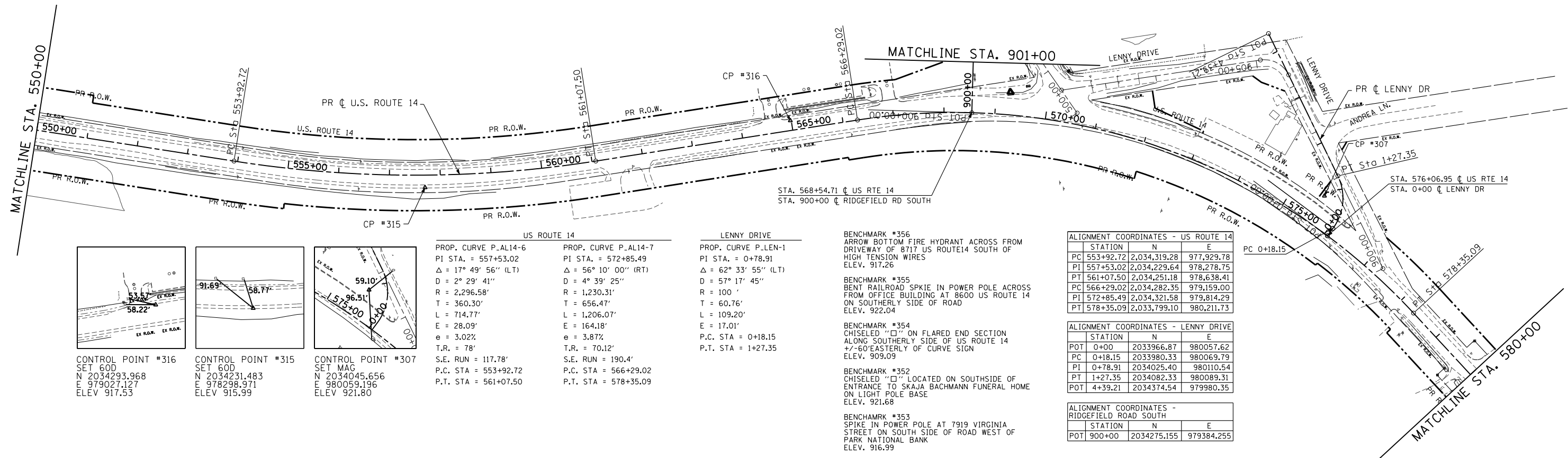
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		DRAWN - JPW	REVISED -
		CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

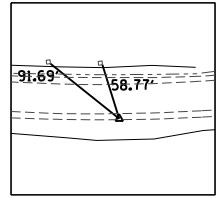
**ALIGNMENTS & TIES
U.S. ROUTE 14**

SCALE: 1"=100' SHEET NO. 28 OF 431 SHEETS STA. 490+00.00 TO STA. 550+00.00

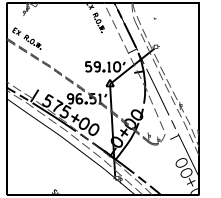
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	28
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				



CONTROL POINT #316
SET 60D
N 2034293.968
E 979027.127
ELEV 917.53



CONTROL POINT #315
SET 60D
N 2034231.483
E 978298.971
ELEV 915.99



CONTROL POINT #307
SET MAG
N 2034045.656
E 980059.196
ELEV 921.80

US ROUTE 14
PROP. CURVE P-AL14-6
PI STA. = 557+53.02
 $\Delta = 17^\circ 49' 56''$ (LT)
D = 2° 29' 41"
R = 2,296.58'
T = 360.30'
L = 714.77'
E = 28.09'
e = 3.02%
T.R. = 78'
S.E. RUN = 117.78'
P.C. STA = 553+92.72
P.T. STA = 561+07.50

PROP. CURVE P-AL14-7
PI STA. = 572+85.49
 $\Delta = 56^\circ 10' 00''$ (RT)
D = 4° 39' 25"
R = 1,230.31'
T = 656.47'
L = 1,206.07'
E = 164.18'
e = 3.87%
T.R. = 70.12'
S.E. RUN = 190.4'
P.C. STA = 566+29.02
P.T. STA = 578+35.09

LENNY DRIVE
PROP. CURVE P-LEN-1
PI STA. = 0+78.91
 $\Delta = 62^\circ 33' 55''$ (LT)
D = 57° 17' 45"
R = 100'
T = 60.76'
L = 109.20'
E = 17.01'
P.C. STA = 0+18.15
P.T. STA = 1+27.35

BENCHMARK #356
ARROW BOTTOM FIRE HYDRANT ACROSS FROM DRIVEWAY OF 8717 US ROUTE 14 SOUTH OF HIGH TENSION WIRES
ELEV. 917.26

BENCHMARK #355
BENT RAILROAD SPIKE IN POWER POLE ACROSS FROM OFFICE BUILDING AT 8600 US ROUTE 14 ON SOUTHERLY SIDE OF ROAD
ELEV. 922.04

BENCHMARK #354
CHISELED "X" ON FLARED END SECTION ALONG SOUTHERLY SIDE OF US ROUTE 14 +/-60' EASTERLY OF CURVE SIGN
ELEV. 909.09

BENCHMARK #352
CHISELED "X" LOCATED ON SOUTHSIDE OF ENTRANCE TO SKAJA BACHMANN FUNERAL HOME ON LIGHT POLE BASE
ELEV. 921.68

BENCHMARK #353
SPIKE IN POWER POLE AT 7919 VIRGINIA STREET ON SOUTH SIDE OF ROAD WEST OF PARK NATIONAL BANK
ELEV. 916.99

ALIGNMENT COORDINATES - US ROUTE 14

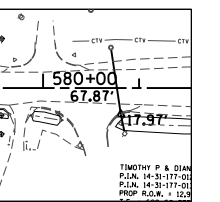
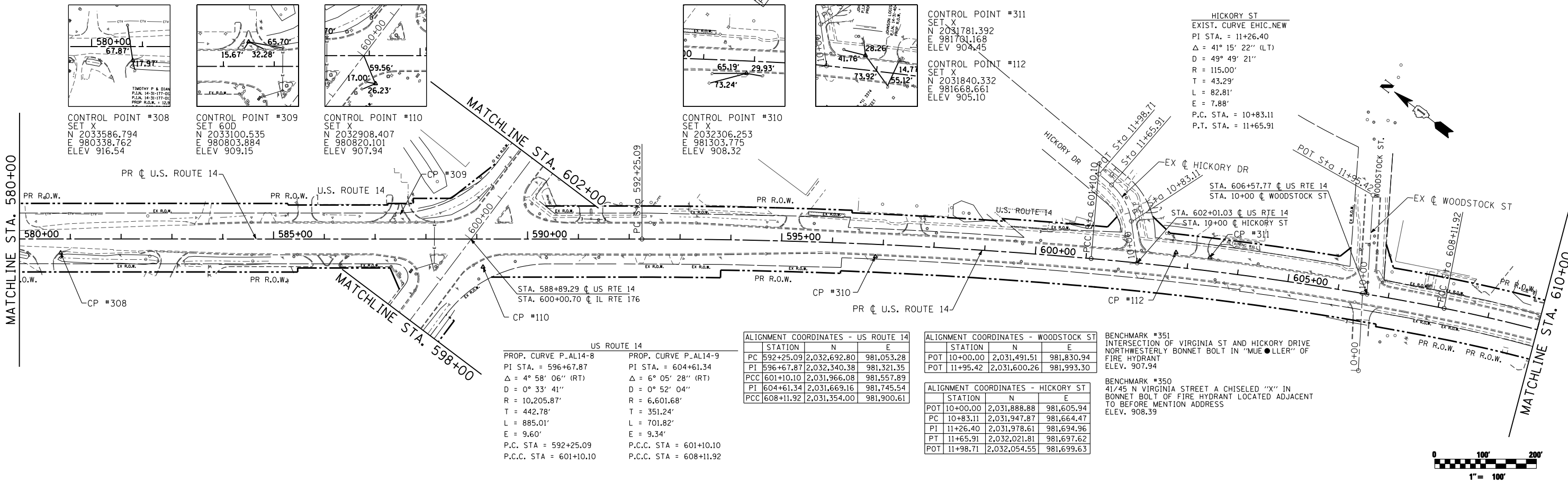
STATION	N	E
PC 553+92.72	2,034,319.28	977,929.78
PI 557+53.02	2,034,229.64	978,278.75
PT 561+07.50	2,034,251.18	978,638.41
PC 566+29.02	2,034,282.35	979,159.00
PI 572+85.49	2,034,321.58	979,814.29
PT 578+35.09	2,033,799.10	980,211.73

ALIGNMENT COORDINATES - LENNY DRIVE

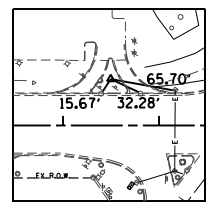
STATION	N	E
POT 0+00	2033966.87	980057.62
PC 0+18.15	2033980.33	980069.79
PI 0+78.91	2034025.40	980110.54
PT 1+27.35	2034082.33	980089.31
POT 4+39.21	2034374.54	979980.35

ALIGNMENT COORDINATES - RIDGEFIELD ROAD SOUTH

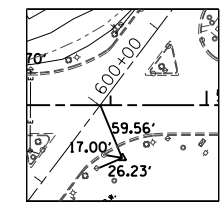
STATION	N	E
POT 900+00	2034275.155	979384.255



CONTROL POINT #308
SET X
N 2033586.794
E 980338.762
ELEV 916.54



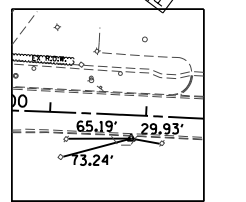
CONTROL POINT #309
SET 60D
N 2033100.535
E 980803.884
ELEV 909.15



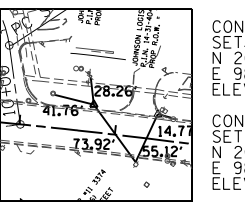
CONTROL POINT #110
SET X
N 2032908.407
E 980820.101
ELEV 907.94

US ROUTE 14
PROP. CURVE P-AL14-8
PI STA. = 596+67.87
 $\Delta = 4^\circ 58' 06''$ (RT)
D = 0° 33' 41"
R = 10,205.87'
T = 442.78'
L = 885.01'
E = 9.60'
P.C. STA = 592+25.09
P.C.C. STA = 601+10.10

PROP. CURVE P-AL14-9
PI STA. = 604+61.34
 $\Delta = 6^\circ 05' 28''$ (RT)
D = 0° 52' 04"
R = 6,601.68'
T = 351.24'
L = 701.82'
E = 9.34'
P.C.C. STA = 601+10.10
P.C.C. STA = 608+11.92



CONTROL POINT #310
SET X
N 2032306.253
E 981303.775
ELEV 908.32



CONTROL POINT #112
SET X
N 2031840.332
E 981668.661
ELEV 905.10

CONTROL POINT #311
SET X
N 2031781.392
E 981701.168
ELEV 904.45

HICKORY ST
EXIST. CURVE EHC-NEW
PI STA. = 11+26.40
 $\Delta = 41^\circ 15' 22''$ (LT)
D = 49° 49' 21"
R = 115.00'
T = 43.29'
L = 82.81'
E = 7.88'
P.C. STA. = 10+83.11
P.T. STA. = 11+65.91

ALIGNMENT COORDINATES - US ROUTE 14

STATION	N	E
PC 592+25.09	2,032,692.80	981,053.28
PI 596+67.87	2,032,340.38	981,321.35
PCC 601+10.10	2,031,966.08	981,557.89
PI 604+61.34	2,031,669.16	981,745.54
PCC 608+11.92	2,031,354.00	981,900.61

ALIGNMENT COORDINATES - WOODSTOCK ST

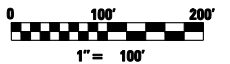
STATION	N	E
POT 10+00.00	2,031,491.51	981,830.94
POT 11+95.42	2,031,600.26	981,993.30

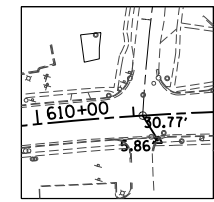
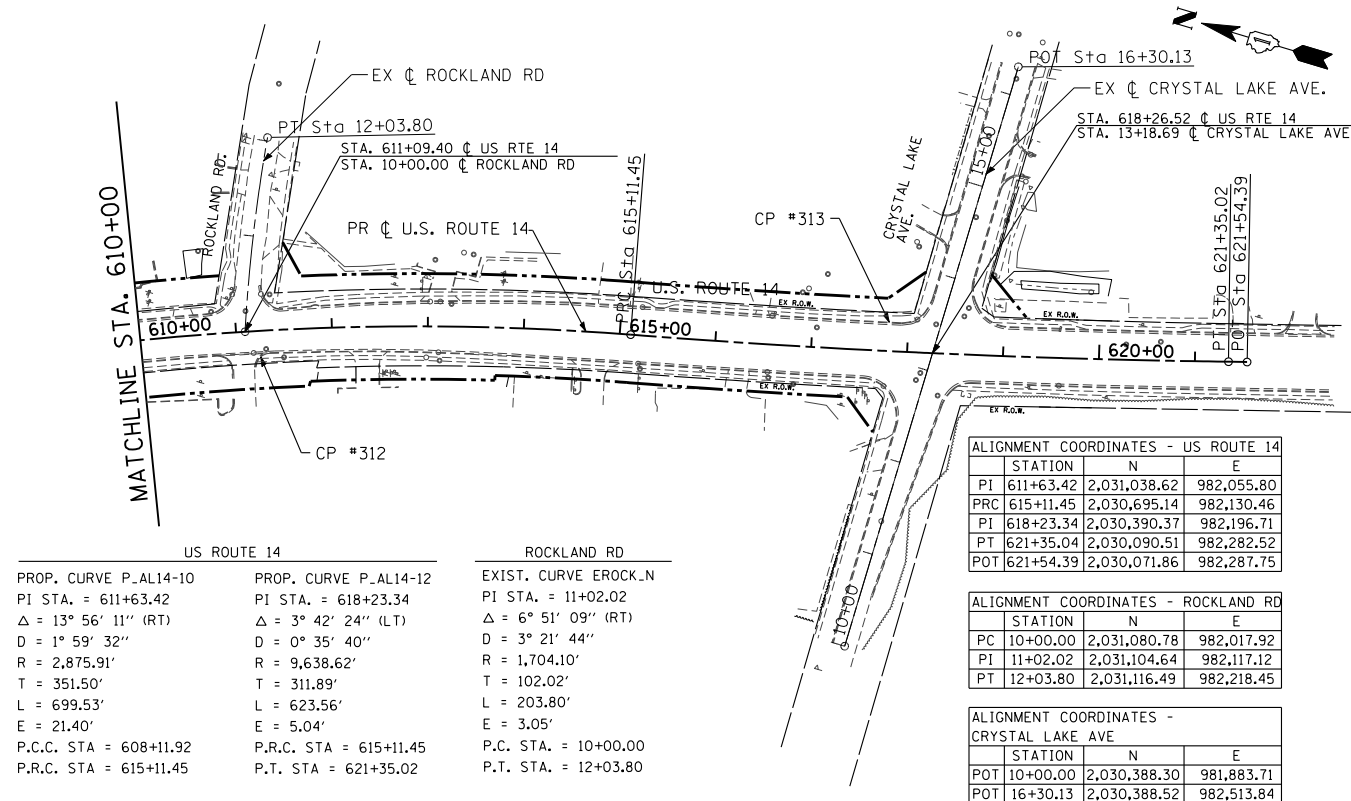
ALIGNMENT COORDINATES - HICKORY ST

STATION	N	E
POT 10+00.00	2,031,888.88	981,605.94
PC 10+83.11	2,031,947.87	981,664.47
PI 11+26.40	2,031,978.61	981,694.96
PT 11+65.91	2,032,021.81	981,697.62
POT 11+98.71	2,032,054.55	981,699.63

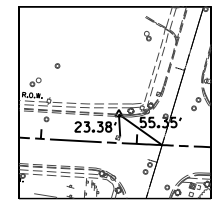
BENCHMARK #351
INTERSECTION OF VIRGINIA ST AND HICKORY DRIVE NORTHWESTERLY BONNET BOLT IN "MUELLER" OF FIRE HYDRANT
ELEV. 907.94

BENCHMARK #350
41/45 N VIRGINIA STREET A CHISELED "X" IN BONNET BOLT OF FIRE HYDRANT LOCATED ADJACENT TO BEFORE MENTION ADDRESS
ELEV. 908.39

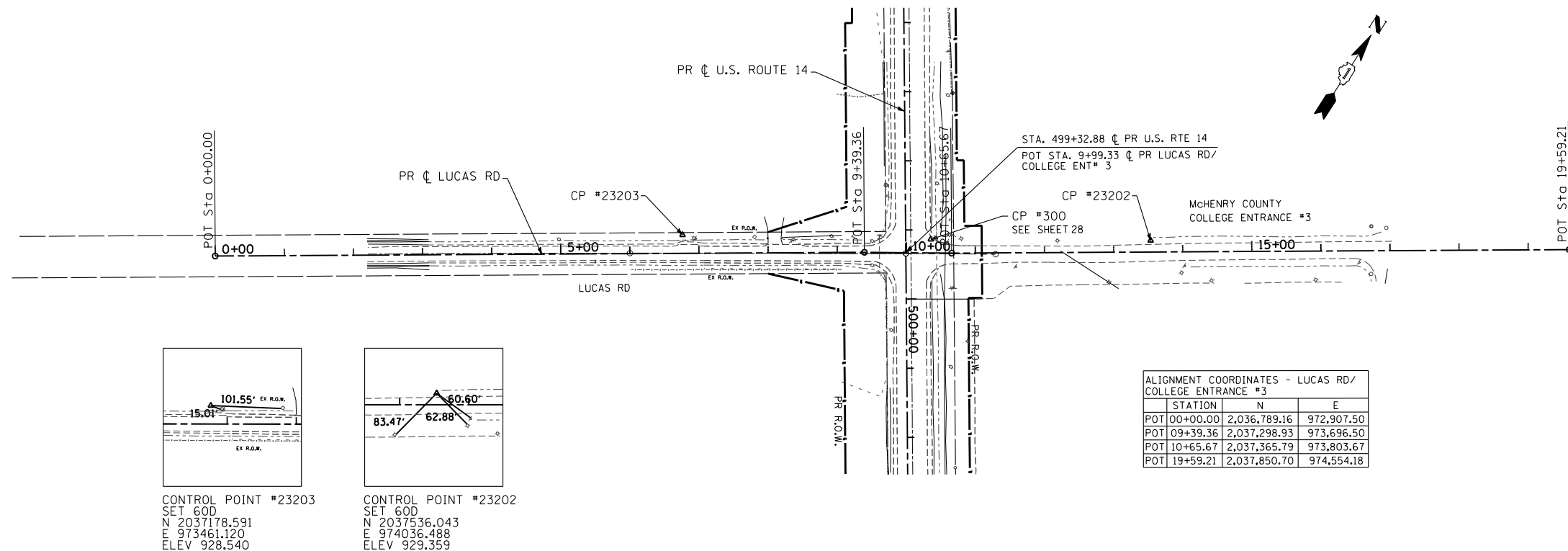




CONTROL POINT #312
 SET X
 N 2031057.730
 E 981997.536
 ELEV 906.058

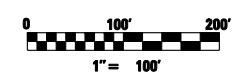


CONTROL POINT #313
 SET X
 N 2030440.824
 E 982220.207
 ELEV 904.381

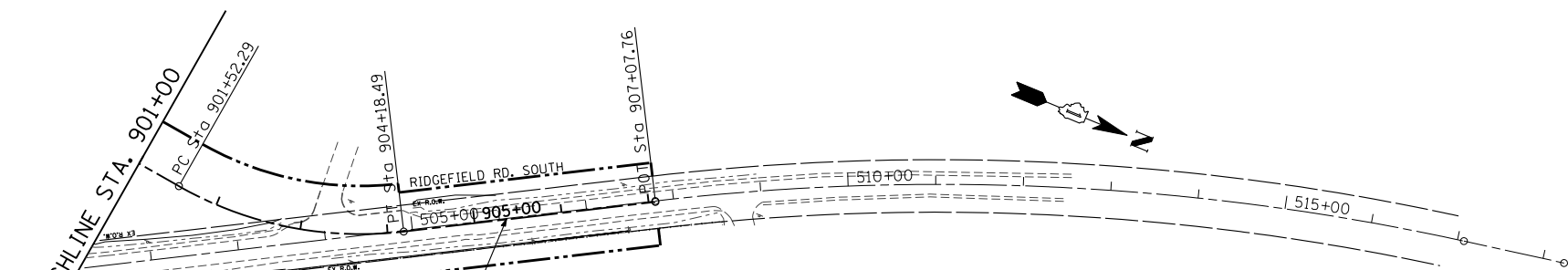


CONTROL POINT #23203
 SET 60D
 N 2037178.591
 E 973461.120
 ELEV 928.540

CONTROL POINT #23202
 SET 60D
 N 2037536.043
 E 974036.488
 ELEV 929.359

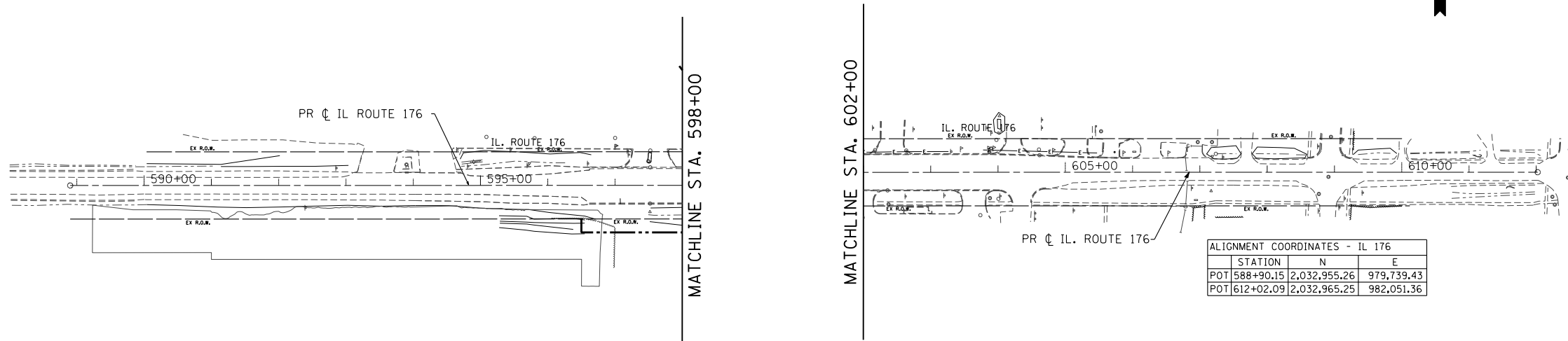


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PLOT SCALE = 200.0000' / IN.	CHECKED - MGZ	REVISIED -	SCALE: 1"=100'			SHEET NO. 30 OF 431 SHEETS	STA. TO STA.	CONTRACT NO. 62517				
PLOT DATE = 10/8/2013	DATE - 10/15/2013	REVISIED -	ILLINOIS FED. AID PROJECT									

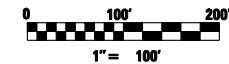


RIDGEFIELD ROAD SOUTH
 PROP. CURVE P.RIDGS-2
 PI STA. = 902+90.03
 $\Delta = 36^\circ 18' 53''$ (LT)
 $D = 13^\circ 38' 31''$
 $R = 420.00'$
 $T = 137.74'$
 $L = 266.20'$
 $E = 22.01'$
 P.C. STA = 901+52.29
 P.T. STA = 904+18.49

ALIGNMENT COORDINATES - RIDGEFIELD ROAD SOUTH		
STATION	N	E
PC 901+52.29	2034426.280	979403.580
PI 902+90.03	2034562.972	979420.023
PT 904+18.49	2034683.170	979352.760
POT 907+07.76	2034935.611	979211.499



ALIGNMENT COORDINATES - IL 176		
STATION	N	E
POT 588+90.15	2,032,955.26	979,739.43
POT 612+02.09	2,032,965.25	982,051.36



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	PLOT DATE = 10/14/2013	CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS & TIES
RIDGEFIELD RD SOUTH & ILLINOIS 176**

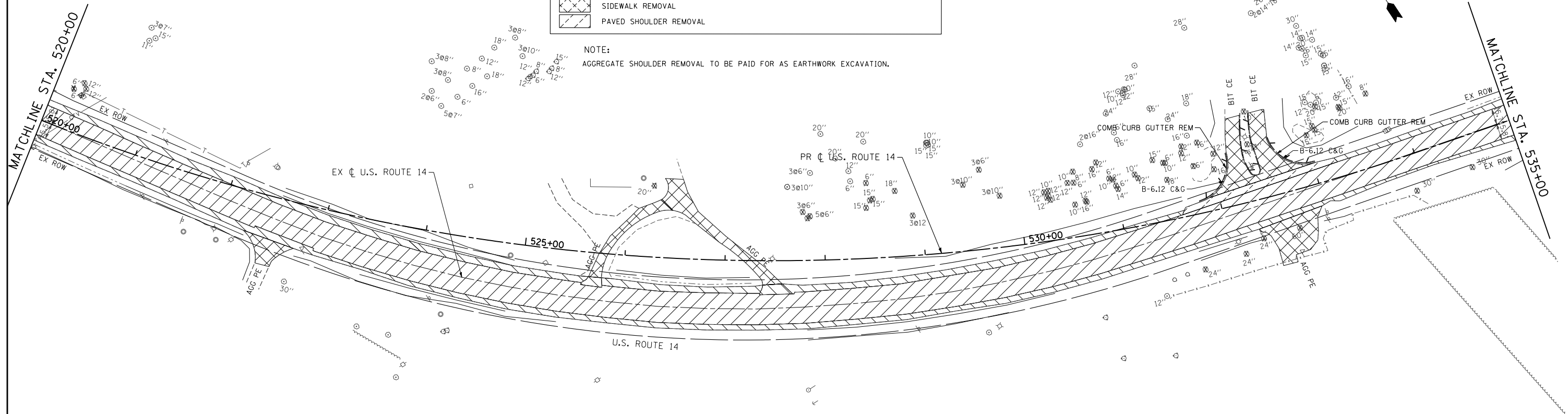
SCALE: 1"=100' SHEET NO. 31 OF 431 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHEMRY	431	31
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

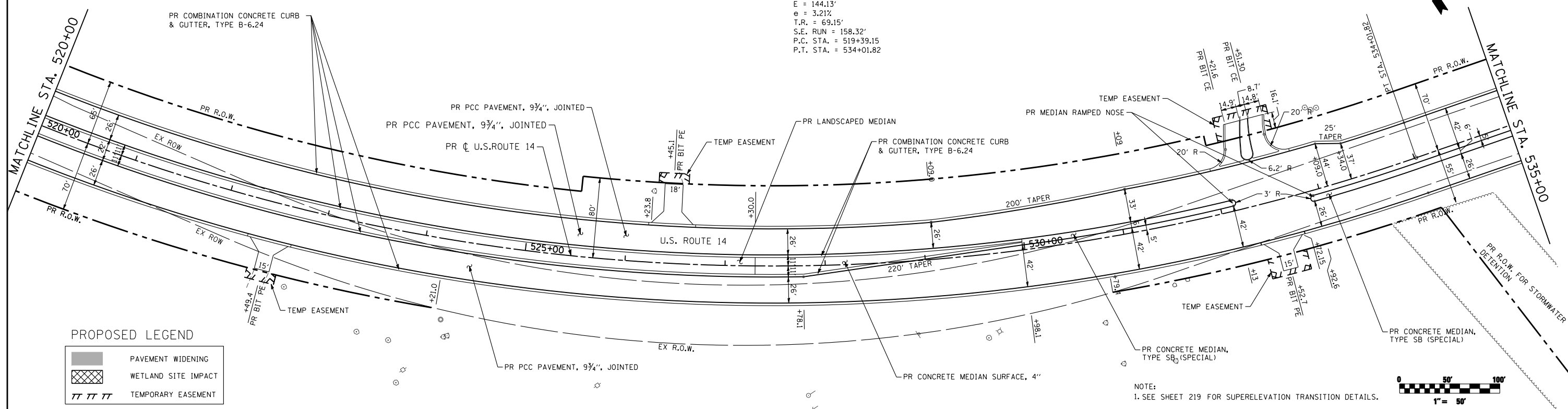
REMOVAL LEGEND

	DRIVEWAY PAVEMENT REMOVAL		AGGREGATE SHOULDER REMOVAL
	PAVEMENT REMOVAL		LINEAR ITEM REMOVAL
	MEDIAN REMOVAL		6" TREE REMOVAL - DIAMETER
	SIDEWALK REMOVAL		
	PAVED SHOULDER REMOVAL		

NOTE:
AGGREGATE SHOULDER REMOVAL TO BE PAID FOR AS EARTHWORK EXCAVATION.



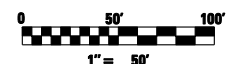
PROP. CURVE P-AL14-5
PI STA. = 527+06.10
 $\Delta = 42^\circ 34' 22''$ (LT)
 $D = 2^\circ 54' 38''$
 $R = 1,968.50'$
 $T = 766.95'$
 $L = 1,462.67'$
 $E = 144.13'$
 $\theta = 3.21\%$
 $T.R. = 69.15'$
 $S.E. RUN = 158.32'$
 $P.C. STA. = 519+39.15$
 $P.T. STA. = 534+01.82$



PROPOSED LEGEND

	PAVEMENT WIDENING
	WETLAND SITE IMPACT
	TEMPORARY EASEMENT

NOTE:
1. SEE SHEET 219 FOR SUPERELEVATION TRANSITION DETAILS.

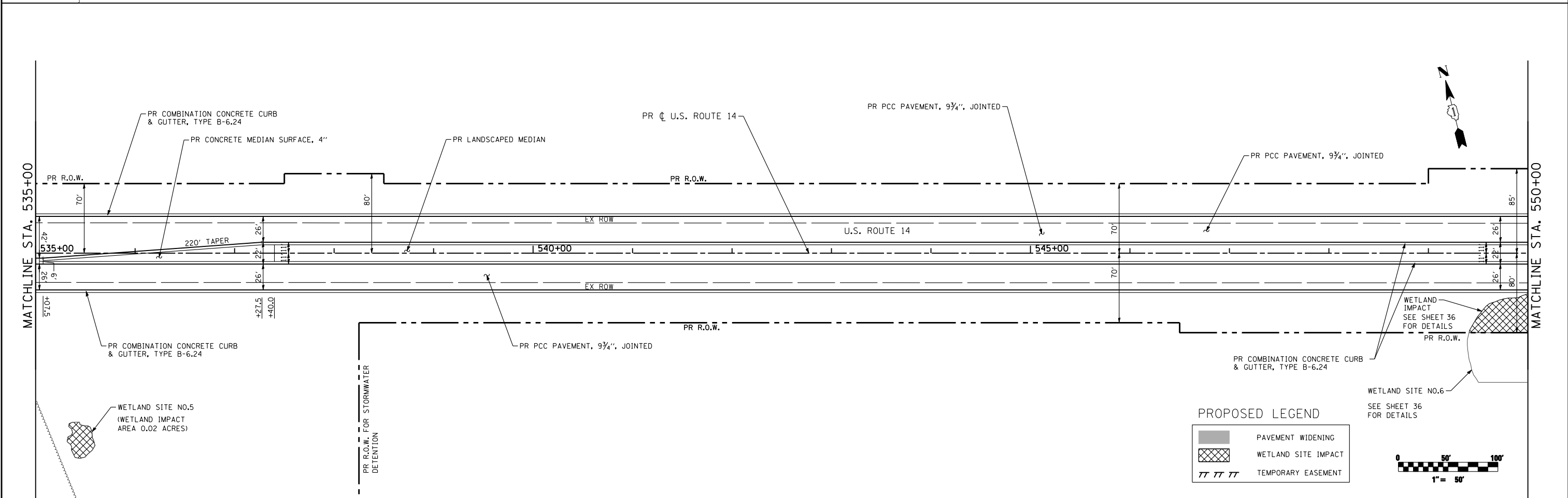
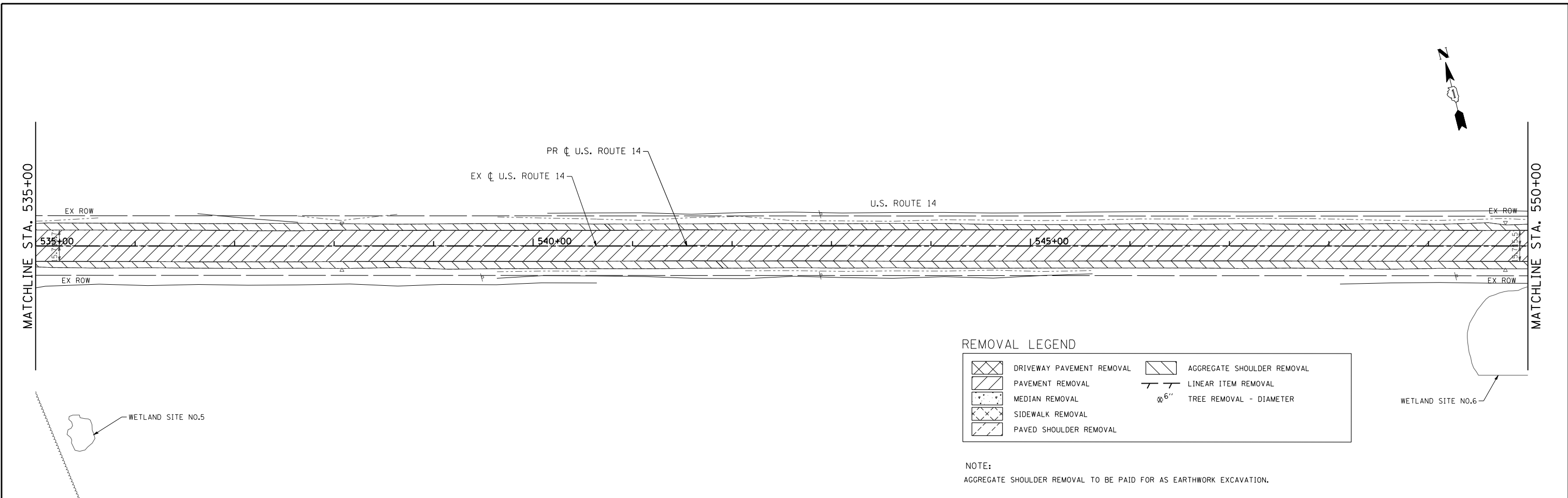


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		CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN US ROUTE 14	
SCALE: 1"=50'	SHEET NO. 34 OF 431 SHEETS STA. 520+00.00 TO STA. 535+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	34
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

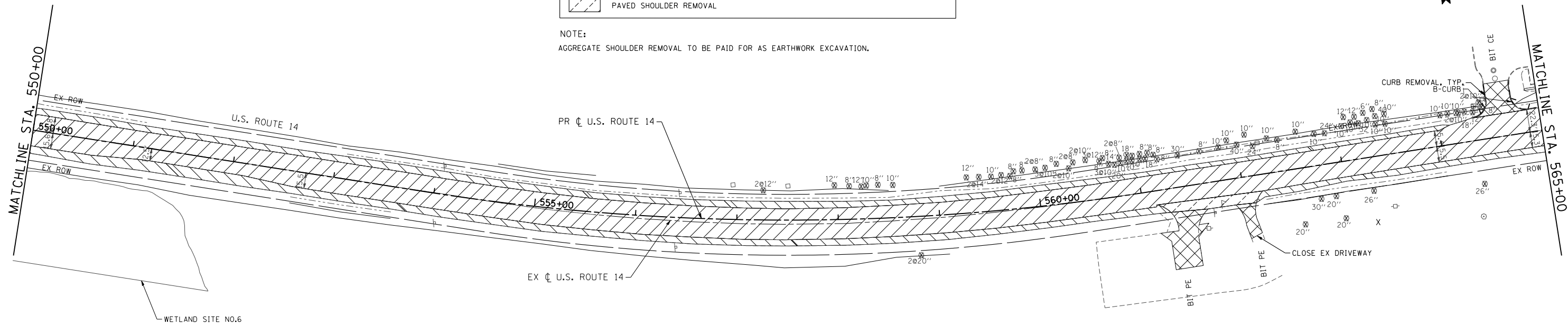


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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	REVISIED -			SCALE: 1"=50'	SHEET NO. 35 OF 431 SHEETS	STA. 535+00.00 TO STA. 550+00.00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/14/2013	DATE - 10/15/2013	REVISIED -	REVISIED -									

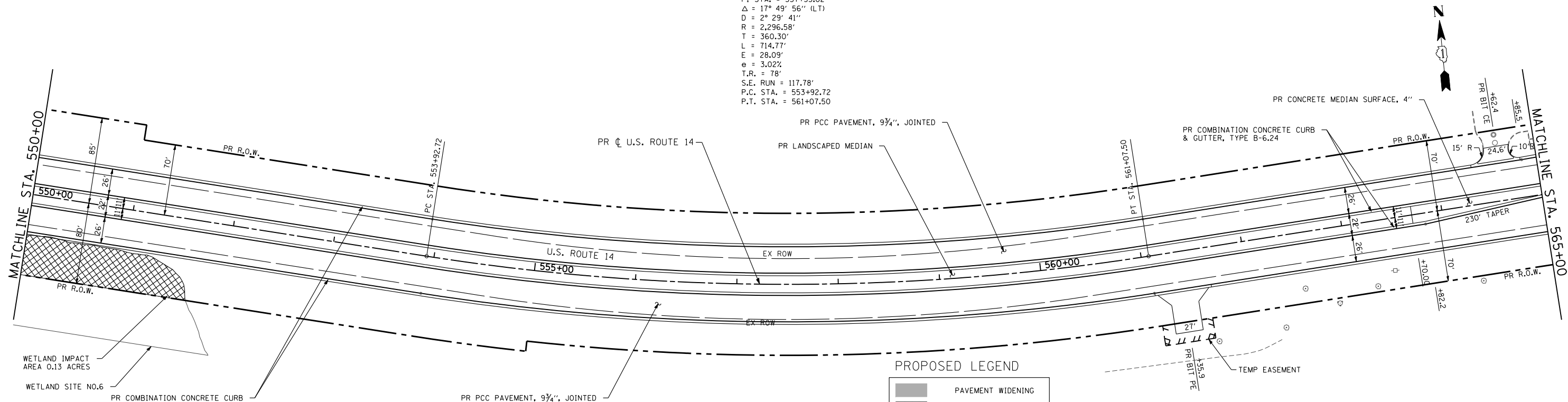
REMOVAL LEGEND

	DRIVEWAY PAVEMENT REMOVAL		AGGREGATE SHOULDER REMOVAL
	PAVEMENT REMOVAL		LINEAR ITEM REMOVAL
	MEDIAN REMOVAL		6" TREE REMOVAL - DIAMETER
	SIDEWALK REMOVAL		
	PAVED SHOULDER REMOVAL		

NOTE:
AGGREGATE SHOULDER REMOVAL TO BE PAID FOR AS EARTHWORK EXCAVATION.



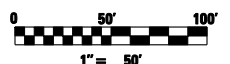
PROP. CURVE P.AL14-6
 PI STA. = 557+53.02
 Δ = 17° 49' 56" (LT)
 D = 2° 29' 41"
 R = 2,296.58'
 T = 360.30'
 L = 714.77'
 E = 28.09'
 e = 3.02%
 T.R. = 78'
 S.E. RUN = 117.78'
 P.C. STA. = 553+92.72
 P.T. STA. = 561+07.50



PROPOSED LEGEND

	PAVEMENT WIDENING
	WETLAND SITE IMPACT
	TEMPORARY EASEMENT

NOTE:
1. SEE SHEET 220 FOR SUPERELEVATION TRANSITION DETAILS.



FILE NAME = S:\1606\CADD Sheets\0162517-sht-plan.dgn	USER NAME = _USERNAME_	DESIGNED - JPW	REVISED -
		DRAWN - JPW	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -
	PLOT DATE = 10/14/2013	DATE - 10/15/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=50' SHEET NO. 36 OF 431 SHEETS STA. 550+00.00 TO STA. 565+00.00

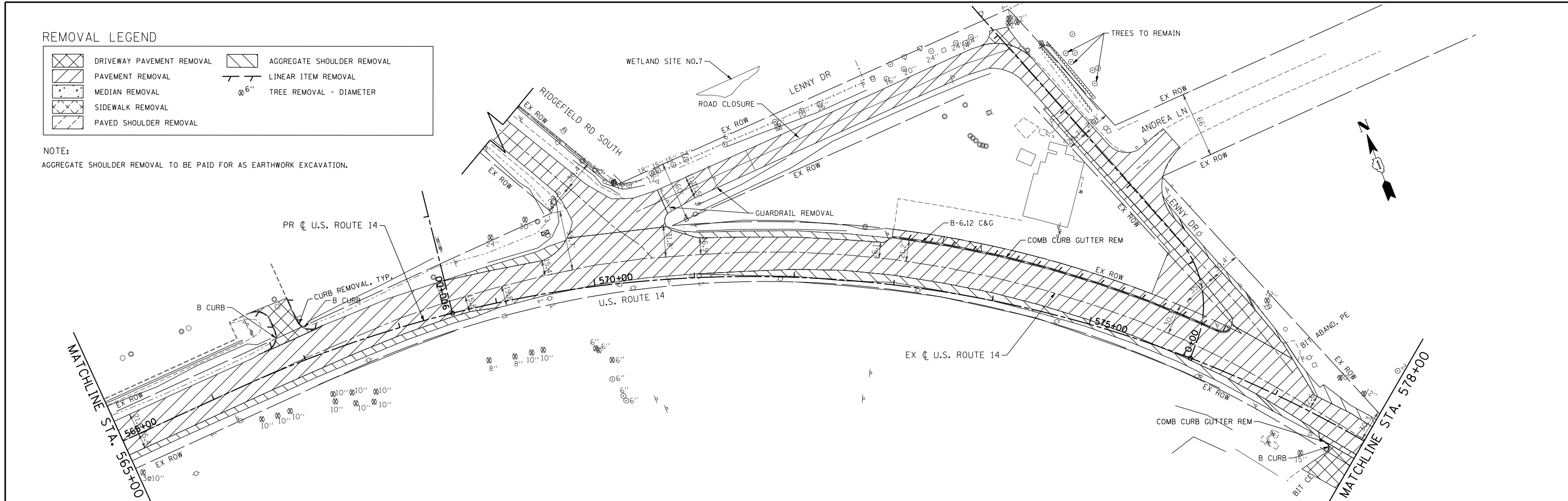
PLAN
US ROUTE 14

F.A.P. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 36
				CONTRACT NO. 62517
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND

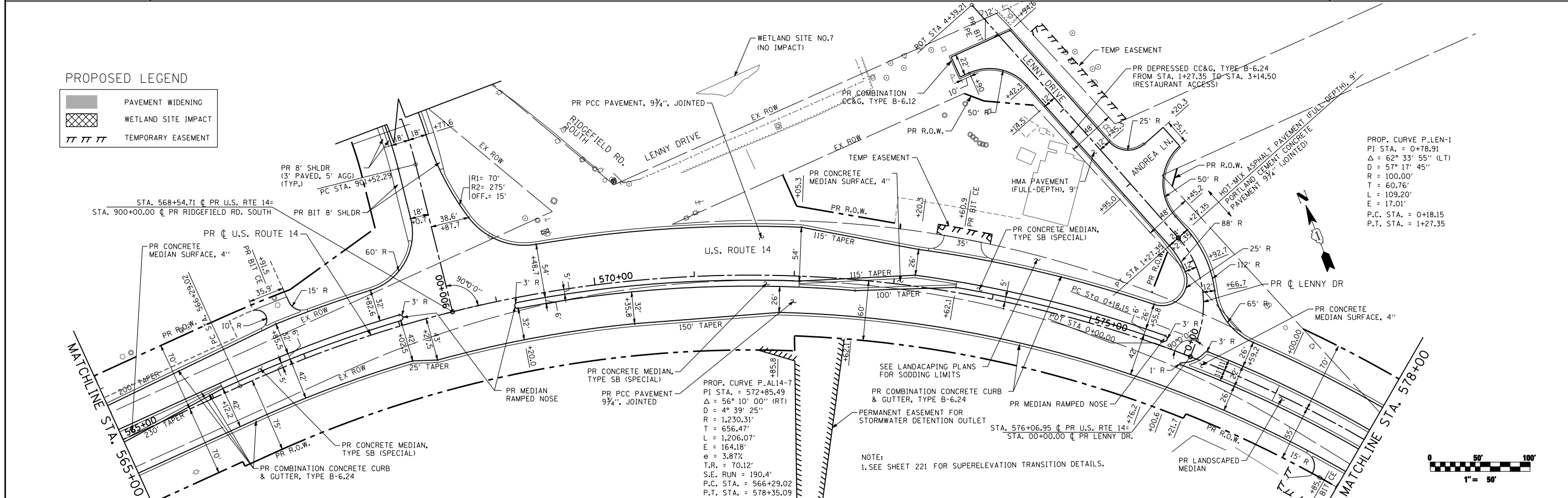
	DRIVEWAY PAVEMENT REMOVAL		AGGREGATE SHOULDER REMOVAL
	PAVEMENT REMOVAL		LINEAR ITEM REMOVAL
	MEDIAN REMOVAL		TREE REMOVAL - DIAMETER
	SIDEWALK REMOVAL		
	PAVED SHOULDER REMOVAL		

NOTE:
AGGREGATE SHOULDER REMOVAL TO BE PAID FOR AS EARTHWORK EXCAVATION.



PROPOSED LEGEND

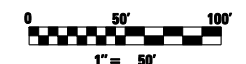
	PAVEMENT WIDENING
	WETLAND SITE IMPACT
	TEMPORARY EASEMENT



PROP. CURVE P.LEN-1
 P1 STA. = 0+78.91
 Δ = 62° 33' 55" (LT)
 D = 57' 17' 45"
 R = 100.00'
 T = 60.76'
 L = 109.20'
 E = 17.01'
 P.C. STA. = 0+18.15
 P.T. STA. = 1+27.35

PROP. CURVE P.AL14-7
 P1 STA. = 572+85.49
 Δ = 56° 10' 00" (RT)
 D = 4° 39' 25"
 R = 1,230.31'
 T = 656.47'
 L = 1,206.07'
 E = 164.18'
 e = 3.87%
 T.R. = 70.12"
 S.E. RUN = 190.4'
 P.C. STA. = 566+29.02
 P.T. STA. = 578+35.09

NOTE:
1. SEE SHEET 221 FOR SUPERELEVATION TRANSITION DETAILS.



FILE NAME = S:\1606\CADD Sheets\0162517-sht-plan.dgn

USER NAME = _USERNAME_	DESIGNED - JPW	REVISED -
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PLOT DATE = 10/15/2013	CHECKED - MGZ	REVISED -
	DATE - 10/15/2013	REVISED -

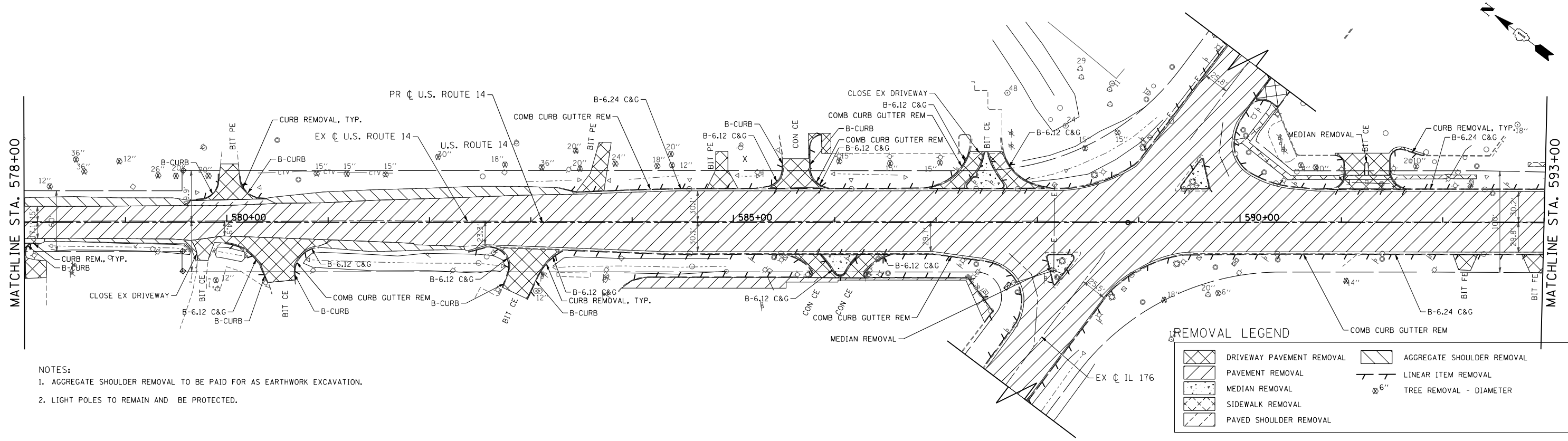
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN
US ROUTE 14**
 SCALE: 1"=50' SHEET NO. 37 OF 431 SHEETS STA. 565+00.00 TO STA. 578+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	37
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 578+00

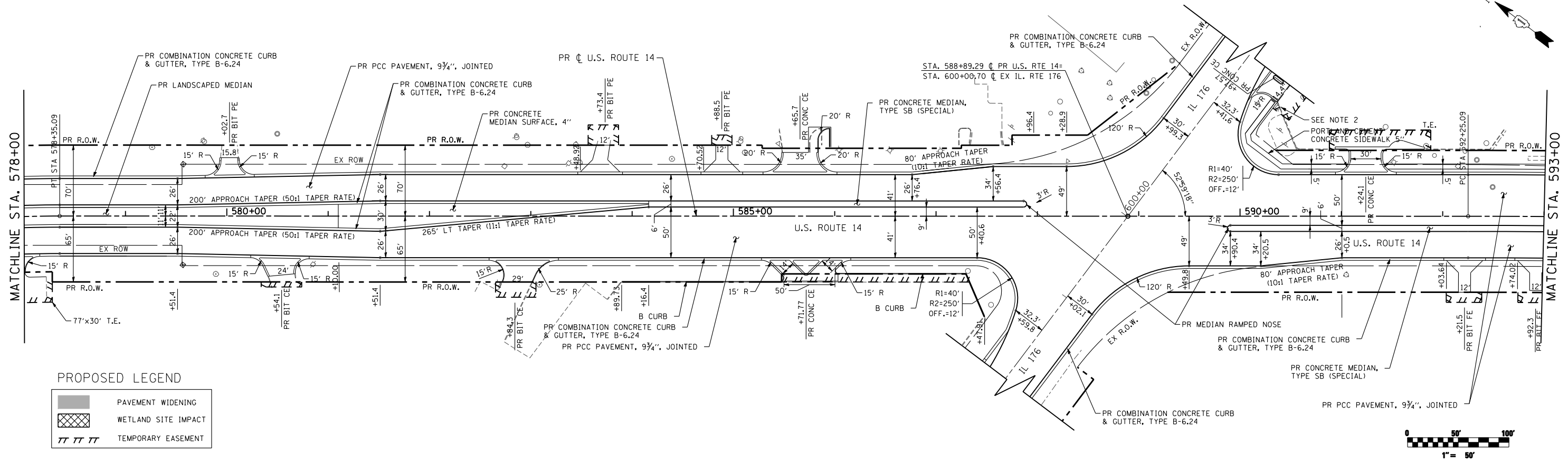
MATCHLINE STA. 593+00



- NOTES:
1. AGGREGATE SHOULDER REMOVAL TO BE PAID FOR AS EARTHWORK EXCAVATION.
 2. LIGHT POLES TO REMAIN AND BE PROTECTED.

MATCHLINE STA. 578+00

MATCHLINE STA. 593+00



FILE NAME = S:\1606\CADD Sheets\0162517-sht-plan.dgn

USER NAME = _USERNAME_

DESIGNED - JPW

DRAWN - JPW

CHECKED - MGZ

DATE - 10/15/2013

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

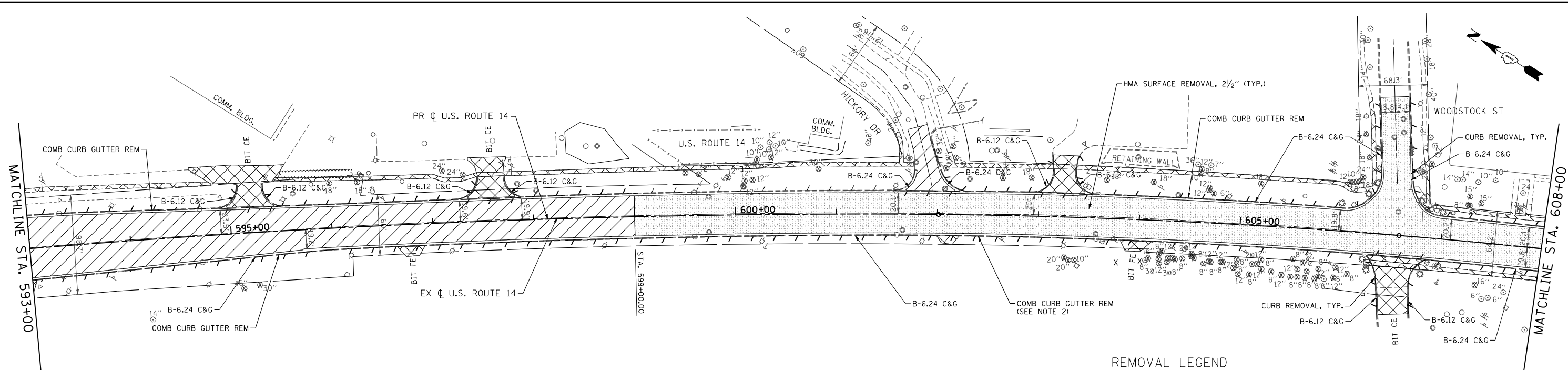
**PLAN
US ROUTE 14**

SCALE: 1"=50'

SHEET NO. 38 OF 431 SHEETS

STA. 578+00.00 TO STA. 593+00.00

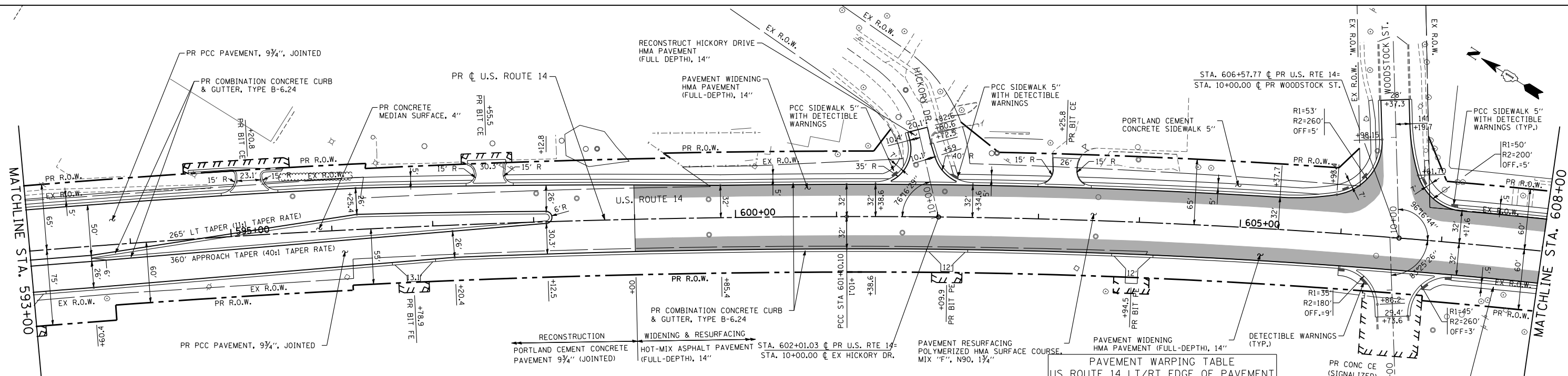
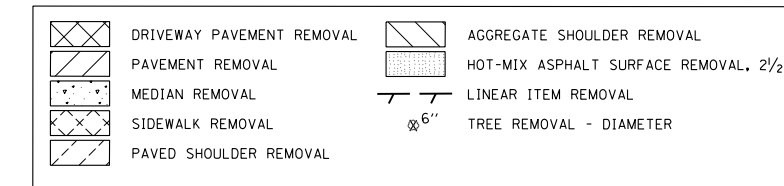
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	38
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	



NOTES:

1. AGGREGATE SHOULDER REMOVAL TO BE PAID FOR AS EARTHWORK EXCAVATION.
2. SAWCUT AND REMOVE 1' WIDTH OF PAVEMENT ADJACENT TO CURB AND GUTTER REMOVAL.

REMOVAL LEGEND



PROP. CURVE P-AL14-8
 PI STA. = 596+67.87
 $\Delta = 4^\circ 58' 06''$ (RT)
 $D = 0^\circ 33' 41''$
 $R = 10,205.87'$
 $T = 442.78'$
 $L = 885.01'$
 $E = 9.60'$
 P.C. STA. = 592+25.09
 P.T. STA. = 601+10.10

PROPOSED LEGEND

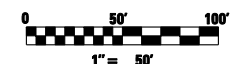


PROP. CURVE P-AL14-9
 PI STA. = 604+61.34
 $\Delta = 6^\circ 05' 28''$ (RT)
 $D = 0^\circ 52' 04''$
 $R = 6,601.68'$
 $T = 351.24'$
 $L = 701.82'$
 $E = 9.34'$
 P.C. STA. = 601+10.10
 P.T. STA. = 608+11.92

**PAVEMENT WARPING TABLE
 US ROUTE 14 LT/RT EDGE OF PAVEMENT**

STATION	EOP ELEVATION	OUTSIDE 14' CROSS-SLOPE	DESCRIPTION
600+65	904.22	0.02	HIGH POINT
601+37	903.74	0.035	LOW POINT
603+02	904.23	0.02	HIGH POINT
603+29	904.16	0.03	LOW POINT
605+31	904.76	0.02	HIGH POINT
605+57	904.67	0.03	LOW POINT
607+59	905.29	0.02	HIGH POINT
607+85	905.21	0.03	LOW POINT
609+61	905.74	0.02	HIGH POINT

NOTE: LONGITUDINAL SLOPE @ EOP IS 0.3%

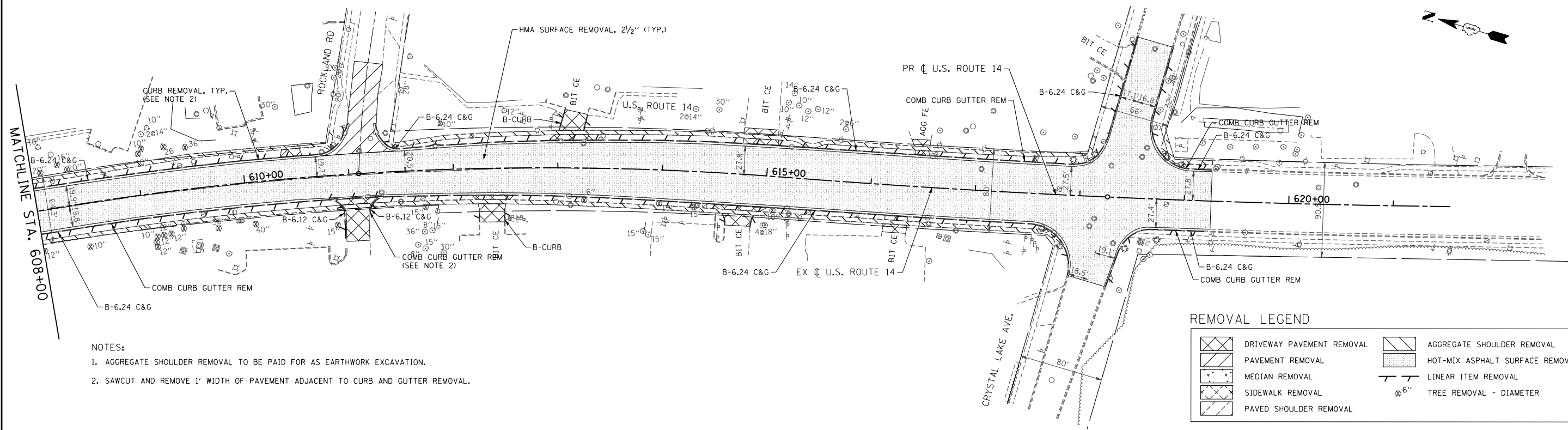


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		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN
 US ROUTE 14**
 SCALE: 1"=50' SHEET NO. 39 OF 431 SHEETS STA. 593+00.00 TO STA. 608+00.00

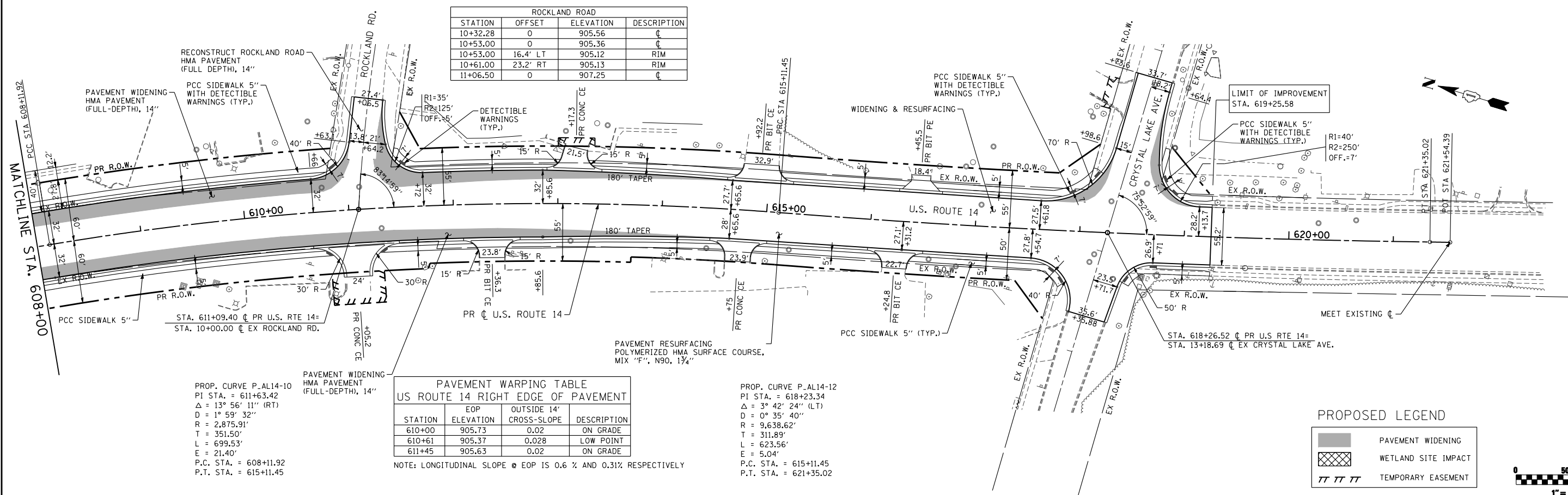
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	39
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	



- NOTES:
1. AGGREGATE SHOULDER REMOVAL TO BE PAID FOR AS EARTHWORK EXCAVATION.
 2. SAWCUT AND REMOVE 1' WIDTH OF PAVEMENT ADJACENT TO CURB AND GUTTER REMOVAL.

REMOVAL LEGEND

	DRIVEWAY PAVEMENT REMOVAL		AGGREGATE SHOULDER REMOVAL
	PAVEMENT REMOVAL		HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
	MEDIAN REMOVAL		LINEAR ITEM REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL - DIAMETER
	PAVED SHOULDER REMOVAL		



ROCKLAND ROAD

STATION	OFFSET	ELEVATION	DESCRIPTION
10+32.28	0	905.56	CL
10+53.00	0	905.36	CL
10+53.00	16.4' LT	905.12	RIM
10+61.00	23.2' RT	905.13	RIM
11+06.50	0	907.25	CL

PAVEMENT WARPING TABLE
US ROUTE 14 RIGHT EDGE OF PAVEMENT

STATION	EOP ELEVATION	OUTSIDE 14' CROSS-SLOPE	DESCRIPTION
610+00	905.73	0.02	ON GRADE
610+61	905.37	0.028	LOW POINT
611+45	905.63	0.02	ON GRADE

PROP. CURVE P-AL14-12
 PI STA. = 618+23.34
 $\Delta = 3^\circ 42' 24''$ (LT)
 $D = 0^\circ 35' 40''$
 $R = 9,638.62'$
 $T = 311.89'$
 $L = 623.56'$
 $E = 5.04'$
 P.C. STA. = 615+11.45
 P.T. STA. = 621+35.02

PROP. CURVE P-AL14-10
 PI STA. = 611+63.42
 $\Delta = 13^\circ 56' 11''$ (RT)
 $D = 1^\circ 59' 32''$
 $R = 2,875.91'$
 $T = 351.50'$
 $L = 699.53'$
 $E = 21.40'$
 P.C. STA. = 608+11.92
 P.T. STA. = 615+11.45

PROPOSED LEGEND

	PAVEMENT WIDENING
	WETLAND SITE IMPACT
	TEMPORARY EASEMENT



FILE NAME = S:\1606\CADD Sheets\0162517-sht-plan.dgn	USER NAME = _USERNAME_	DESIGNED - JPW	REVISED -
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		DATE - 10/15/2013	REVISED -

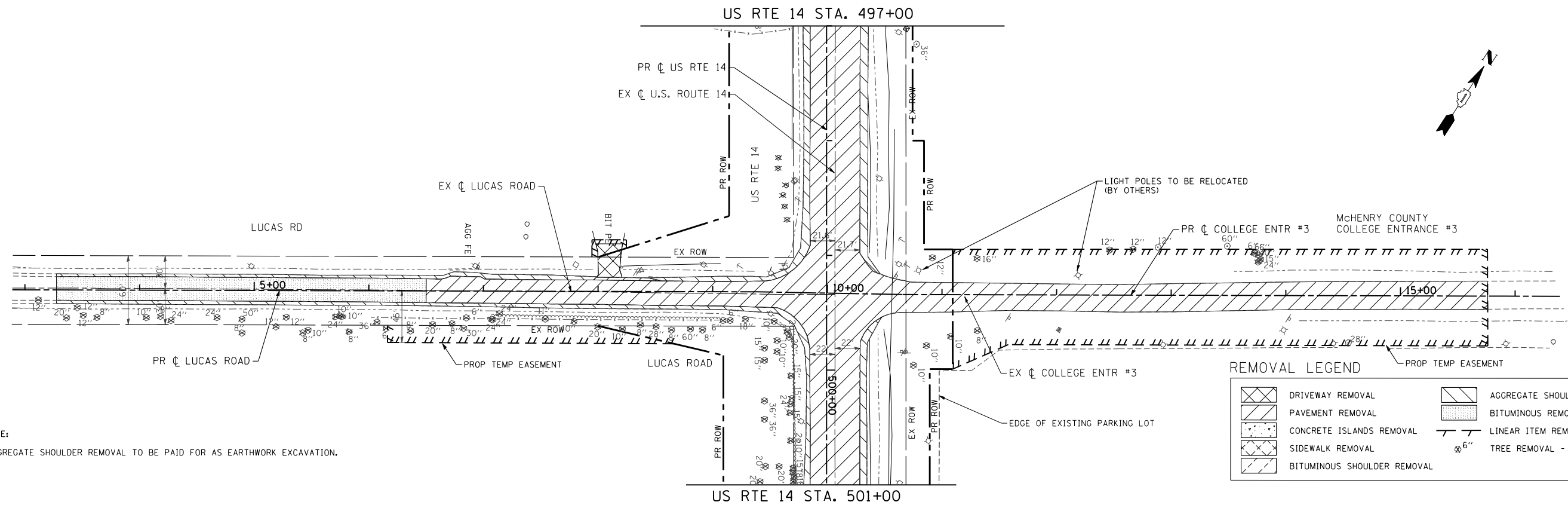
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
US ROUTE 14

SCALE: 1"=50'

SHEET NO. 40 OF 431 SHEETS STA. 608+00.00 TO STA. 619+25.58

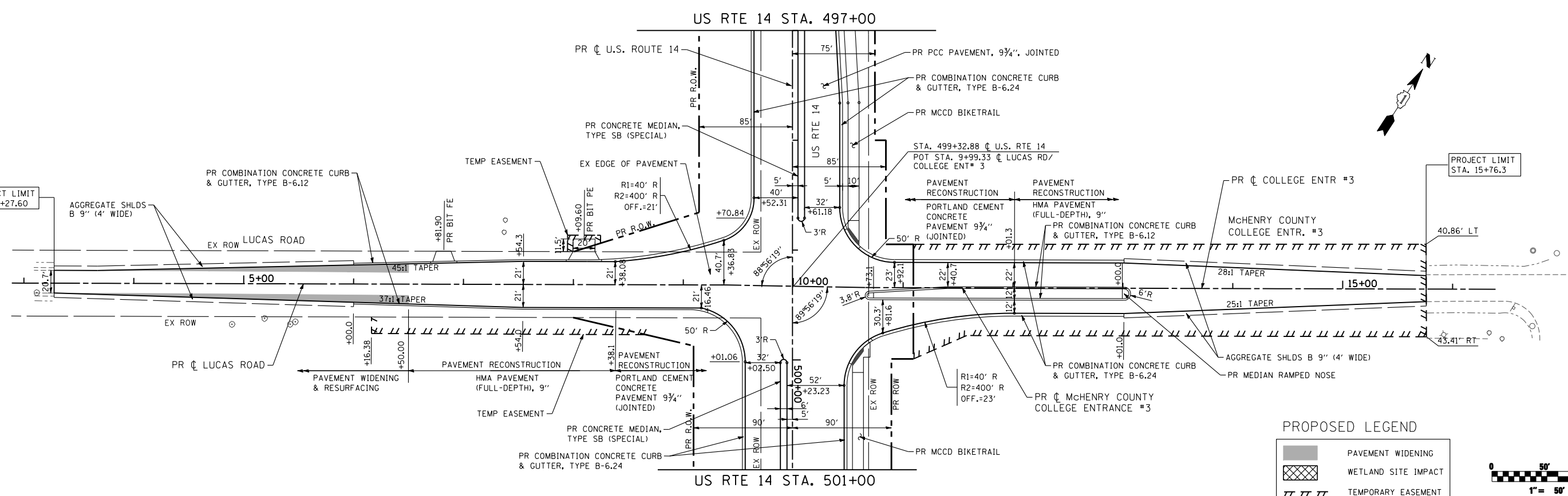
F.A.P. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 40
CONTRACT NO. 62517				ILLINOIS FED. AID PROJECT



NOTE:
AGGREGATE SHOULDER REMOVAL TO BE PAID FOR AS EARTHWORK EXCAVATION.

REMOVAL LEGEND

	DRIVEWAY REMOVAL		AGGREGATE SHOULDER REMOVAL
	PAVEMENT REMOVAL		BITUMINOUS REMOVAL - RESURFACING
	CONCRETE ISLANDS REMOVAL		LINEAR ITEM REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL - DIAMETER
	BITUMINOUS SHOULDER REMOVAL		

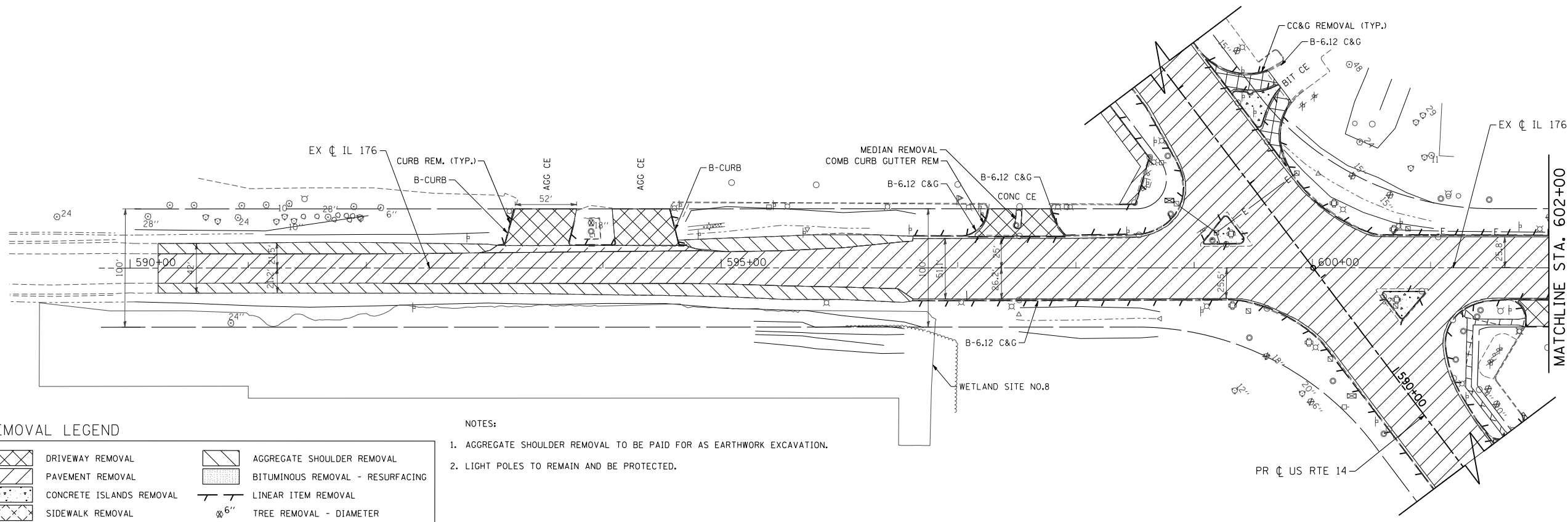


PROPOSED LEGEND

	PAVEMENT WIDENING
	WETLAND SITE IMPACT
	TEMPORARY EASEMENT



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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	REVISIED -			SCALE: 1"=50'	SHEET NO. 41 OF 431 SHEETS	STA. 4+00.49 TO STA. 13+70.73	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/14/2013	DATE - 10/15/2013	REVISIED -	REVISIED -									

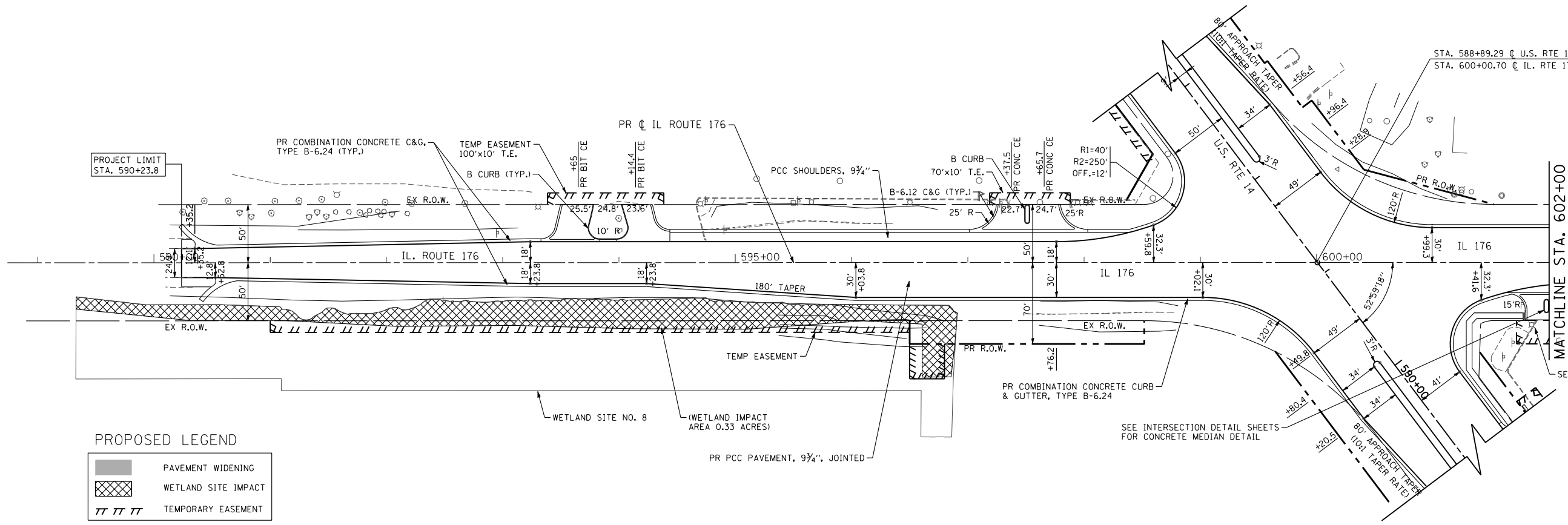


REMOVAL LEGEND

	DRIVEWAY REMOVAL		AGGREGATE SHOULDER REMOVAL
	PAVEMENT REMOVAL		BITUMINOUS REMOVAL - RESURFACING
	CONCRETE ISLANDS REMOVAL		LINEAR ITEM REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL - DIAMETER
	BITUMINOUS SHOULDER REMOVAL		

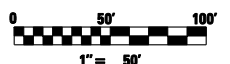
NOTES:

1. AGGREGATE SHOULDER REMOVAL TO BE PAID FOR AS EARTHWORK EXCAVATION.
2. LIGHT POLES TO REMAIN AND BE PROTECTED.



PROPOSED LEGEND

	PAVEMENT WIDENING
	WETLAND SITE IMPACT
	TEMPORARY EASEMENT

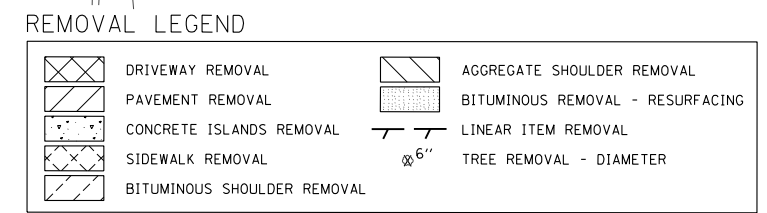
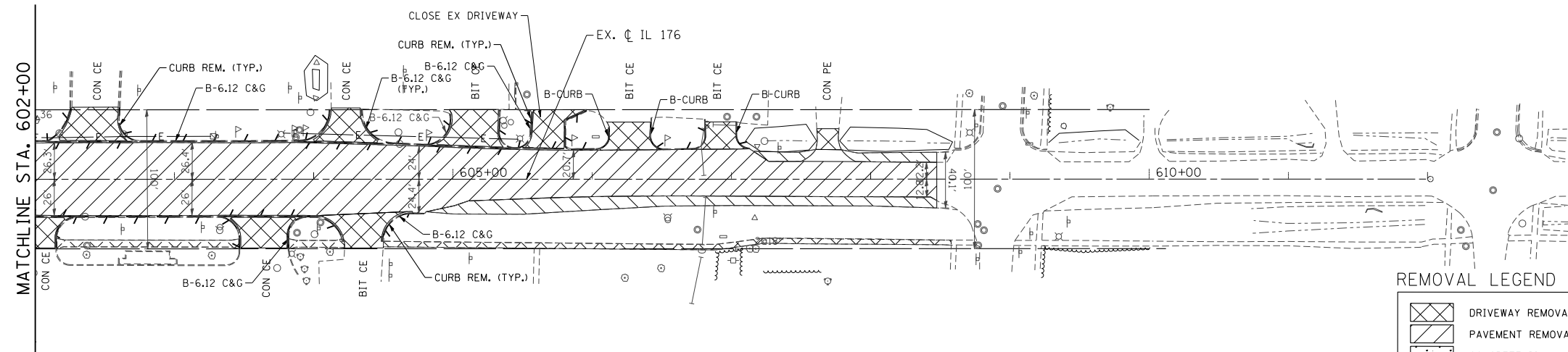


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	PLOT DATE = 10/14/2013	DATE - 10/15/2013	REVISED -

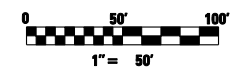
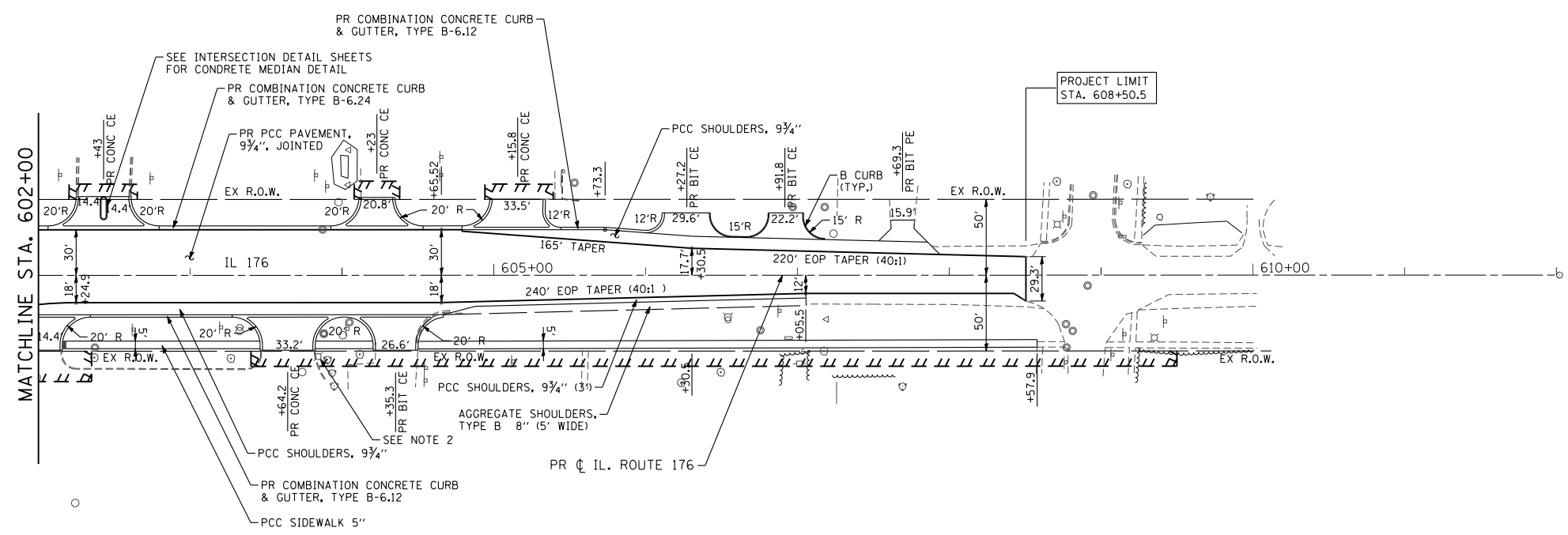
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN IL ROUTE 176	
SCALE: 1"=50'	SHEET NO. 43 OF 431 SHEETS STA. 590+23.80 TO STA. 602+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	43
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	



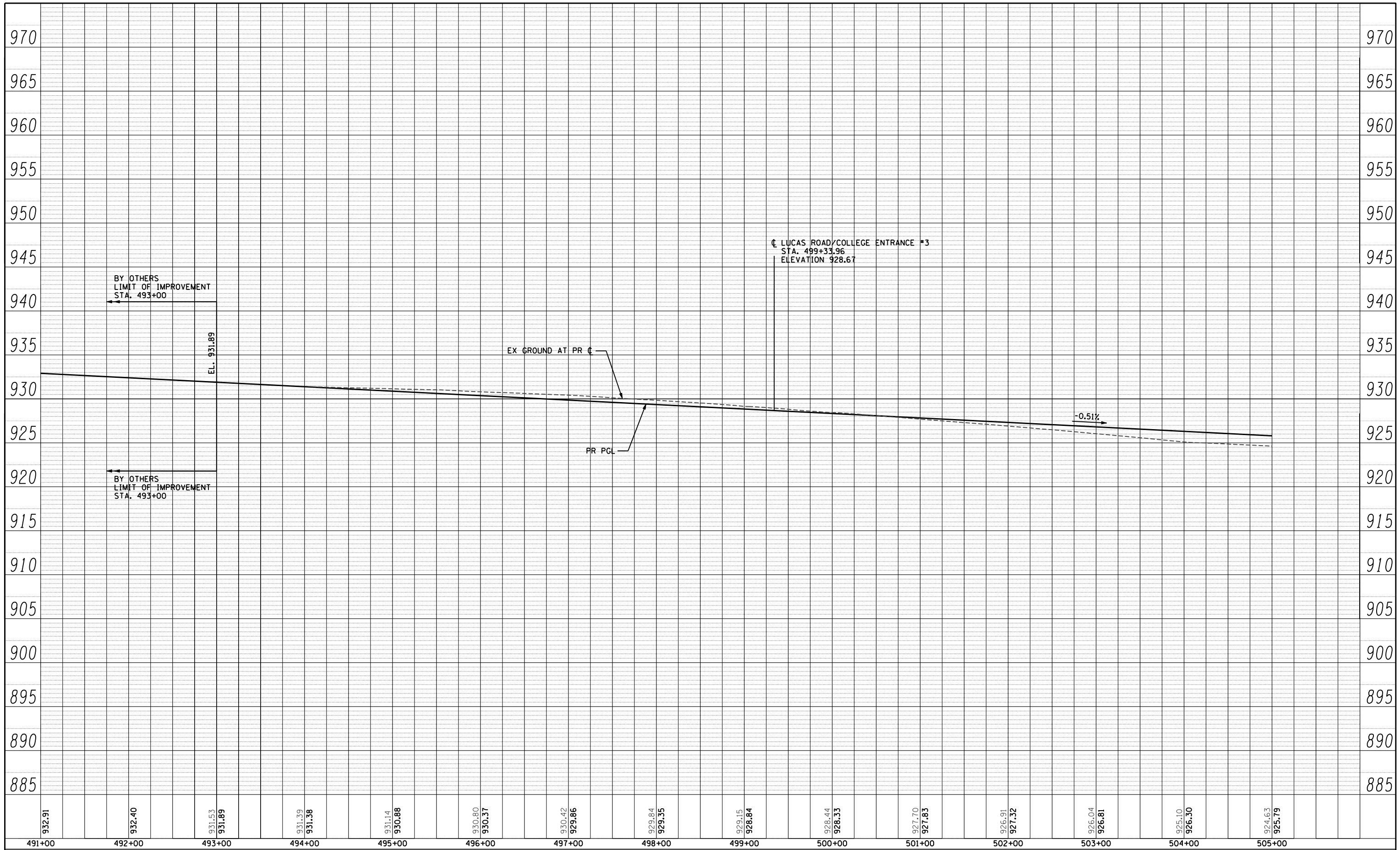
- NOTES:**
1. AGGREGATE SHOULDER REMOVAL TO BE PAID FOR AS EARTHWORK EXCAVATION.
 2. LIGHT POLES TO REMAIN AND BE PROTECTED.



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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	SCALE: 1"=50'			SHEET NO. 44 OF 431 SHEETS	STA. 602+00.00 TO STA. 608+50.50	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/14/2013	DATE = 10/15/2013	REVISIED -									

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



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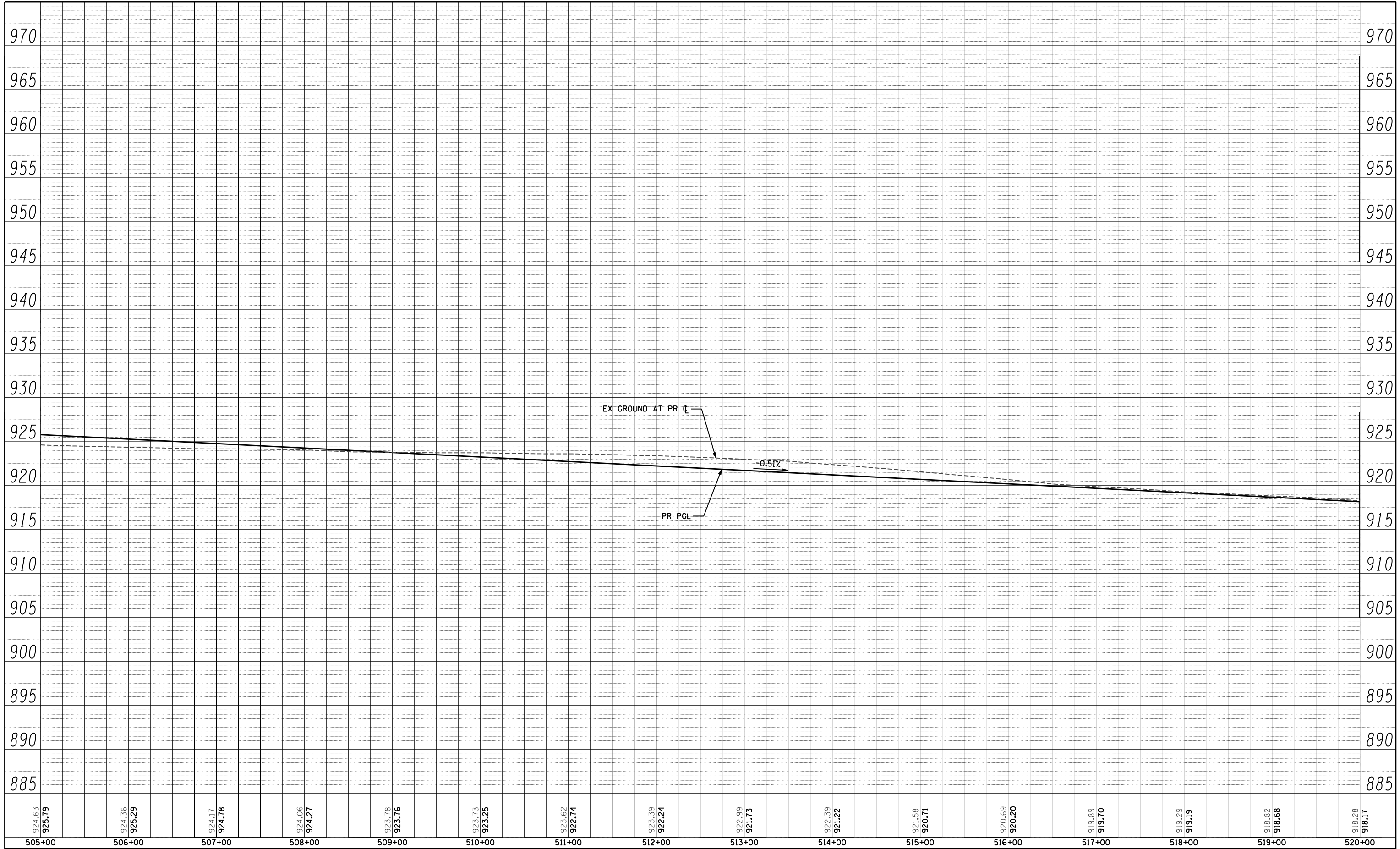
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. ROUTE 14 PROFILE	
SCALE: H: 1"=50' V: 1"=5'	SHEET NO. 45 OF 431 SHEETS
STA. 491+00 TO STA. 505+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	45
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	AT	
	CAD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE	
	NOT AT THIS OFFICE	



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		JPW	
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		MGZ	
		DATE -	REVISED -
		10/15/2013	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

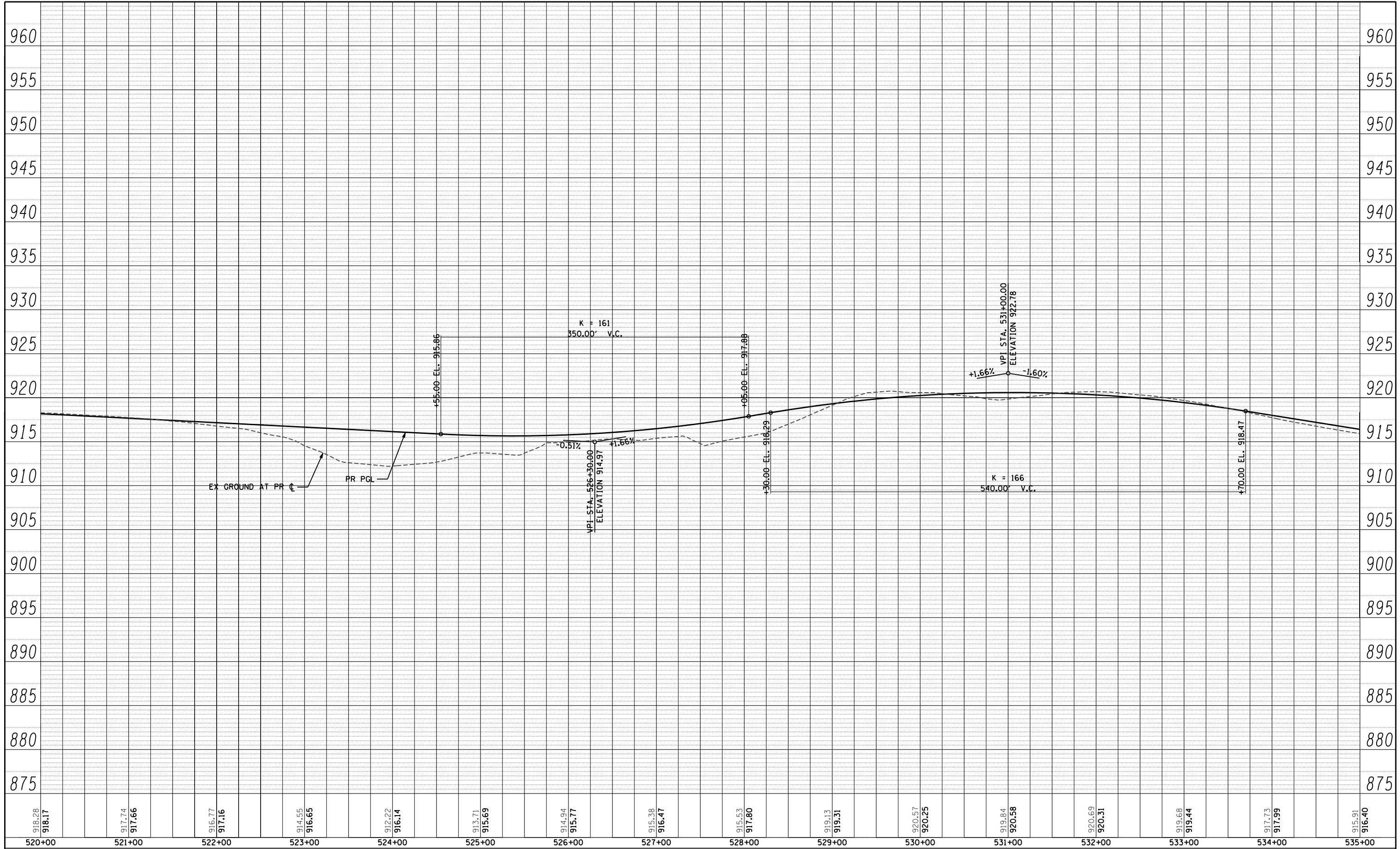
**U.S. ROUTE 14
PROFILE**

SCALE: H: 1"=50' V: 1"=5' SHEET NO. 46 OF 431 SHEETS STA. 505+00 TO STA. 520+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	46
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO. _____		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO. _____		
	FILE NAME		



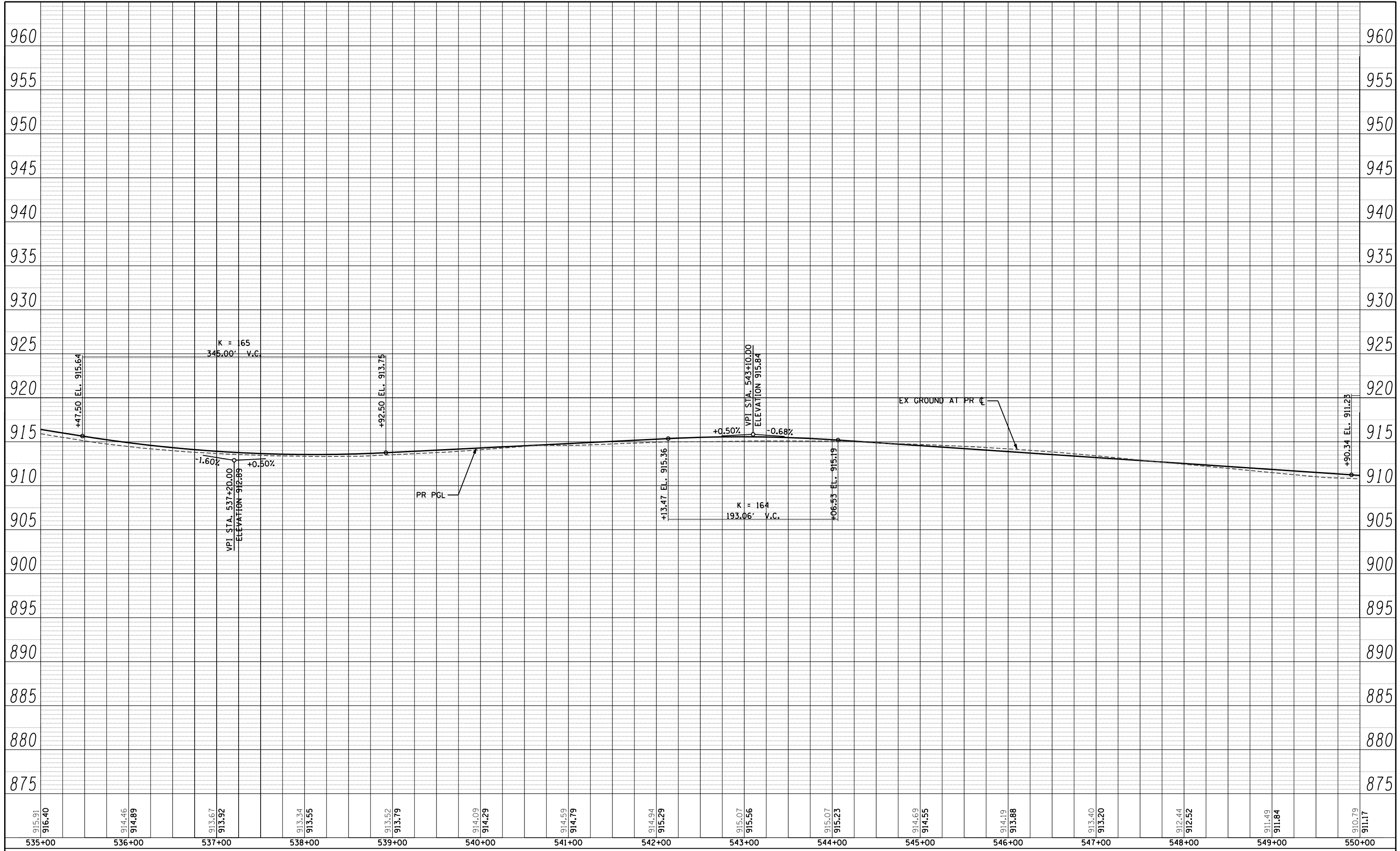
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520+00	521+00	522+00	523+00	524+00	525+00	526+00	527+00	528+00	529+00	530+00	531+00	532+00	533+00	534+00	535+00

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		CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		U.S. ROUTE 14 PROFILE	
		F.A.P. RTE. 305	SECTION 27R-3
SCALE: H: 1"=50' V: 1"=5'		SHEET NO. 47 OF 431 SHEETS	STA. 520+00 TO STA. 535+00
		CONTRACT NO. 62517	
ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



FILE NAME =	USER NAME =	DESIGNED -	REVISED -
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		JPW	
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		DATE -	REVISED -
		10/15/2013	

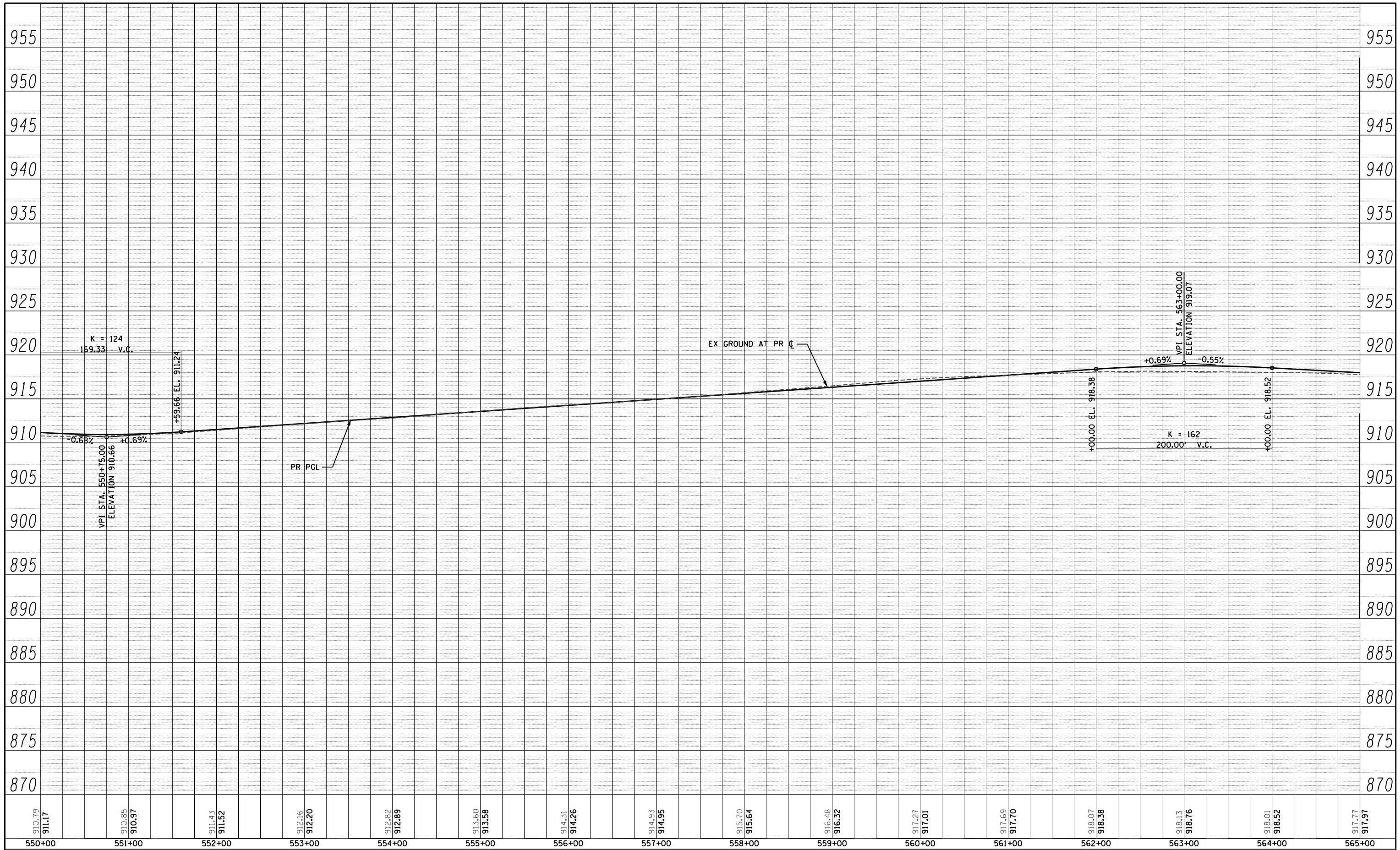
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. ROUTE 14 PROFILE	
SCALE: H: 1"=50' V: 1"=5'	SHEET NO. 48 OF 431 SHEETS
STA. 535+00 TO STA. 550+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	48
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



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		CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

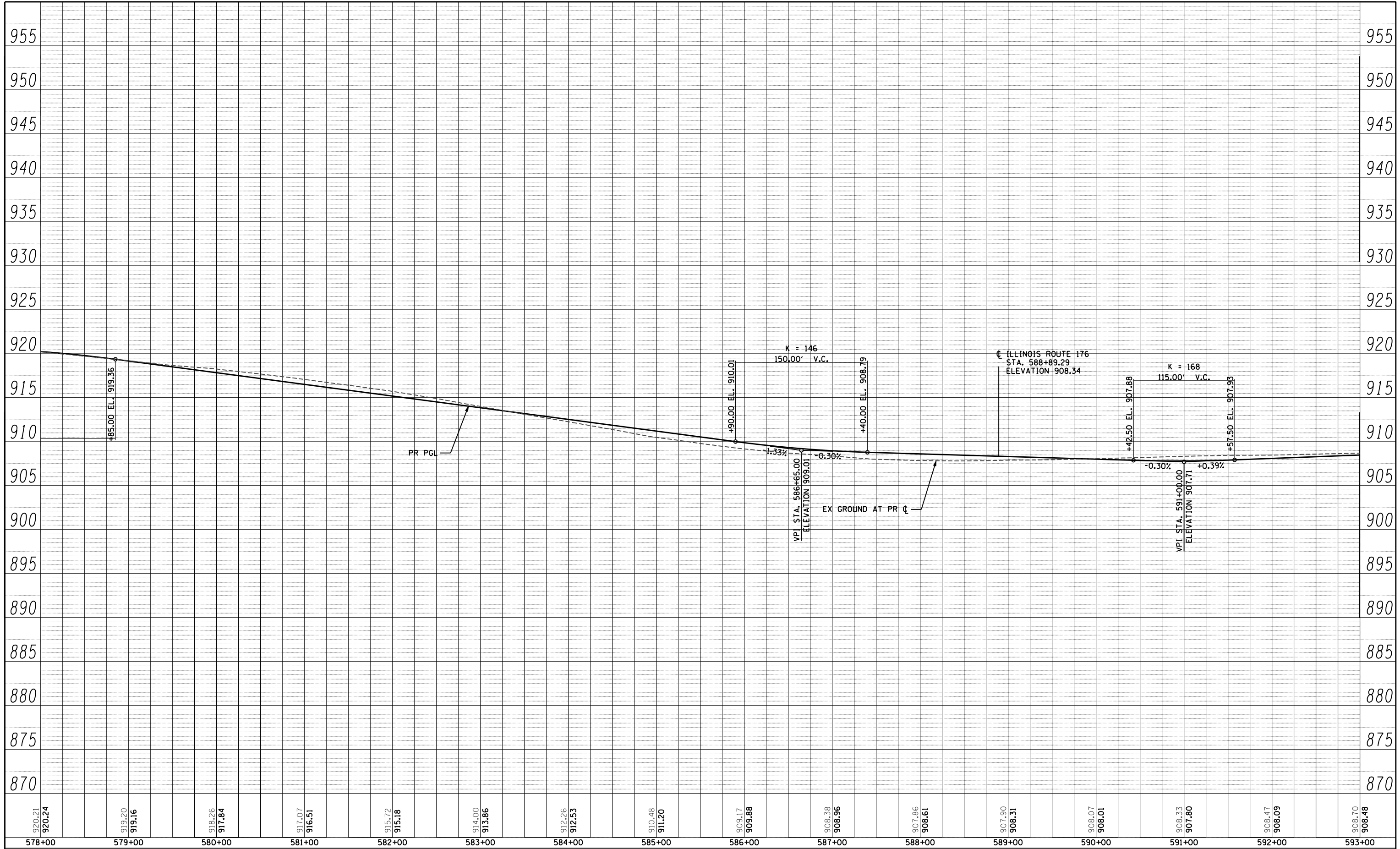
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. ROUTE 14 PROFILE	
SCALE: H: 1"=50' V: 1"=5'	SHEET NO. 49 OF 431 SHEETS
STA. 550+00 TO STA. 565+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	49
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

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920.21 920.24	919.20 919.16	918.26 917.84	917.07 916.51	915.72 915.18	914.00 913.86	912.26 912.53	910.48 911.20	909.17 909.88	908.38 908.96	907.86 908.61	907.90 908.31	908.07 908.01	908.33 907.80	908.47 908.09	908.70 908.48
578+00	579+00	580+00	581+00	582+00	583+00	584+00	585+00	586+00	587+00	588+00	589+00	590+00	591+00	592+00	593+00

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DEPARTMENT OF TRANSPORTATION**

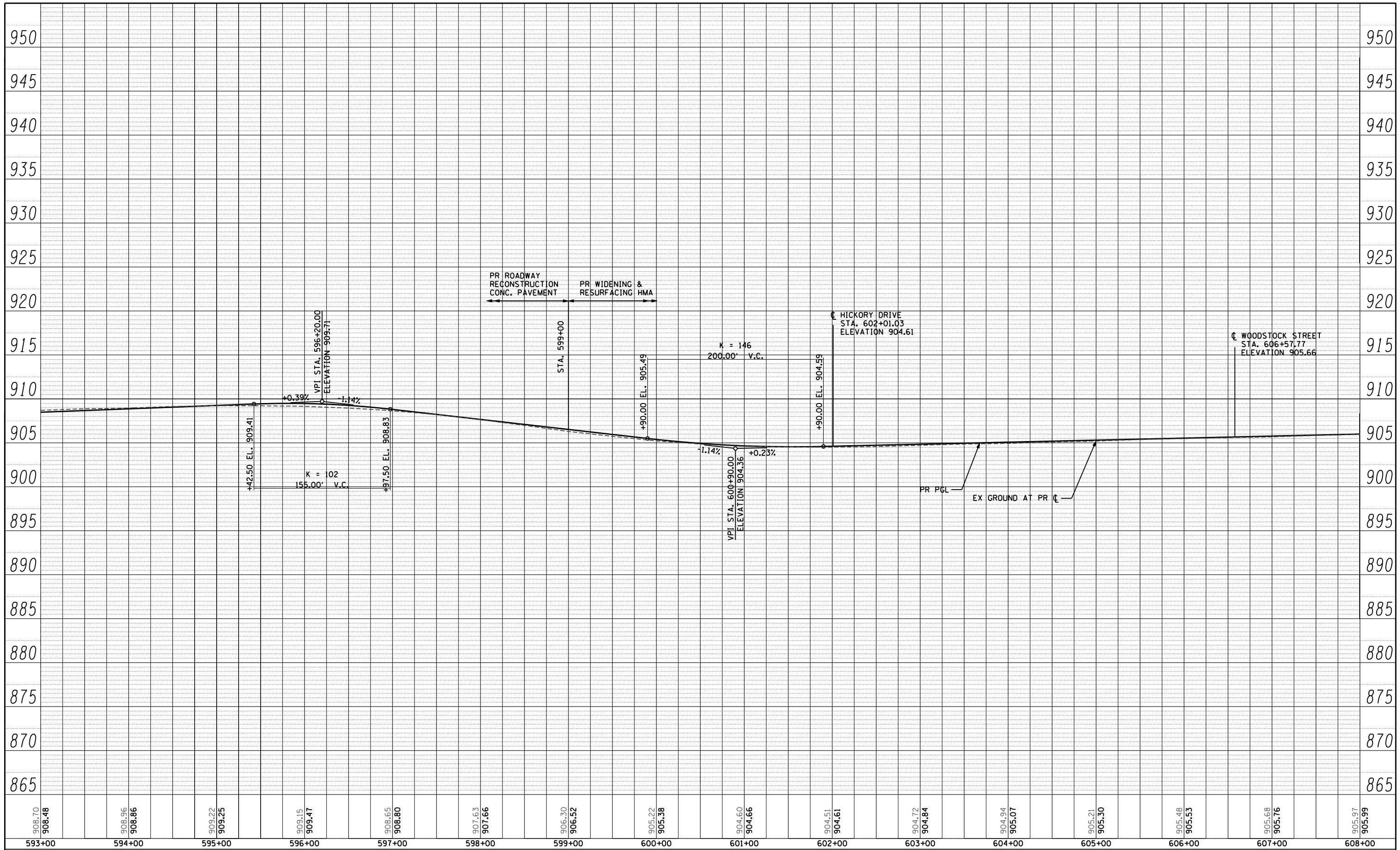
**U.S. ROUTE 14
PROFILE**

SCALE: H: 1"=50' V: 1"=5' SHEET NO. 51 OF 431 SHEETS STA. 578+00 TO STA. 593+00

F.A.P. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 51
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

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	STRUCTURE NOTATIONS CHECKED		
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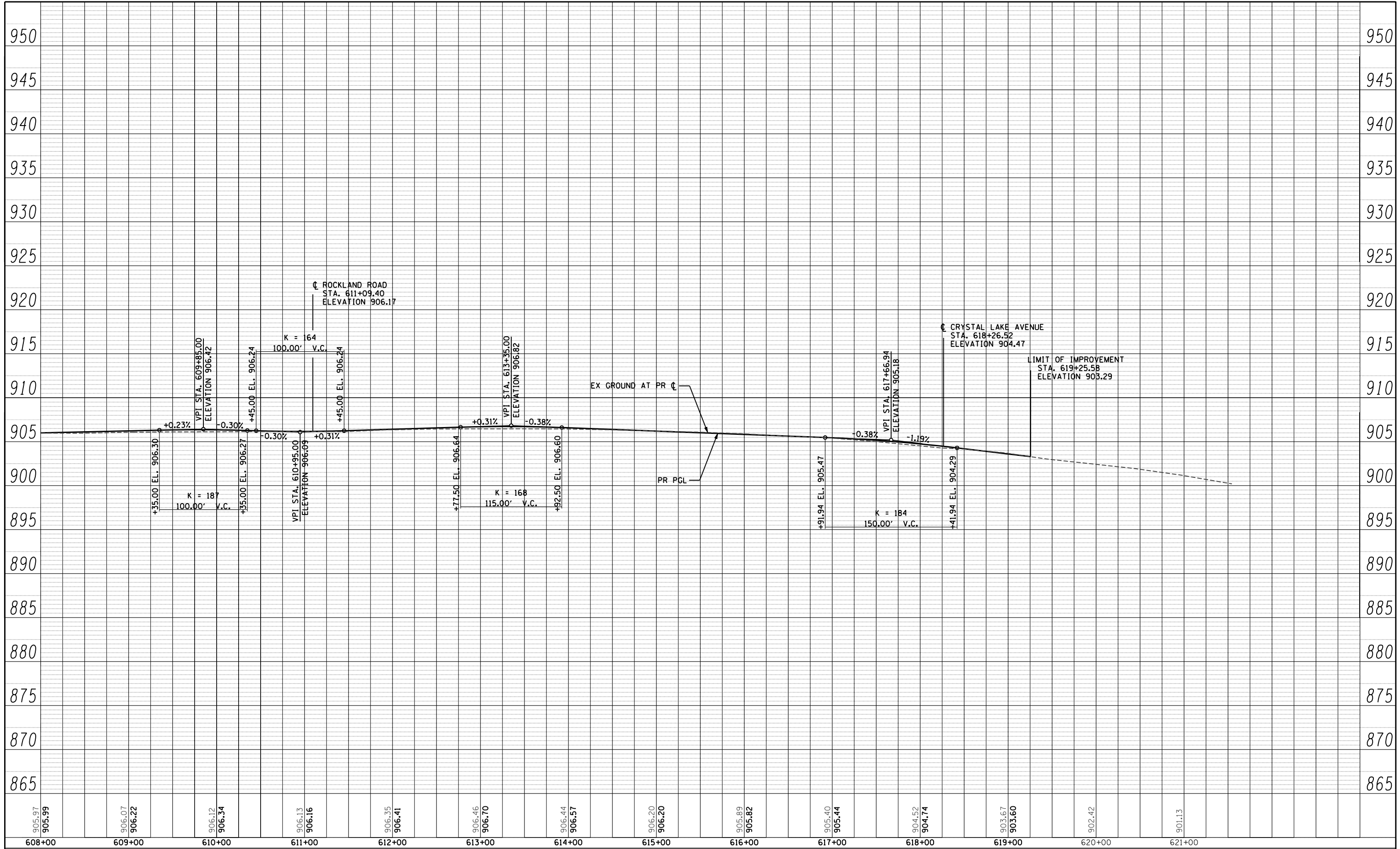
**U.S. ROUTE 14
PROFILE**

SCALE: H: 1"=50' V: 1"=5' SHEET NO. 52 OF 431 SHEETS STA. 593+00 TO STA. 608+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	52
				CONTRACT NO. 62517
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
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	STRUCTURE NOTATIONS CHECKED		
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DEPARTMENT OF TRANSPORTATION**

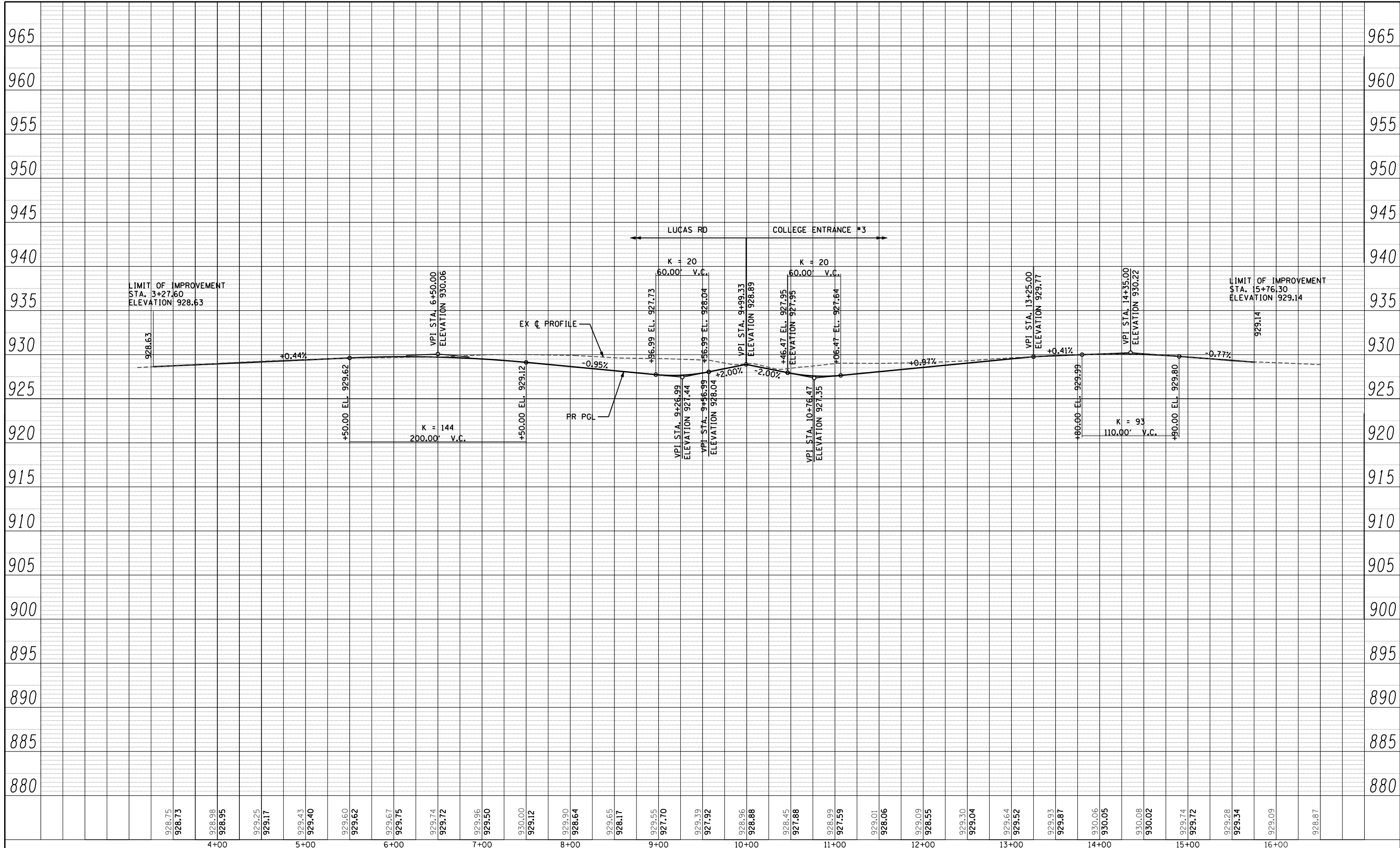
**U.S. ROUTE 14
PROFILE**

SCALE: H: 1"=50' V: 1"=5' SHEET NO. 53 OF 431 SHEETS STA. 608+00 TO STA. 619+25.58

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	53
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
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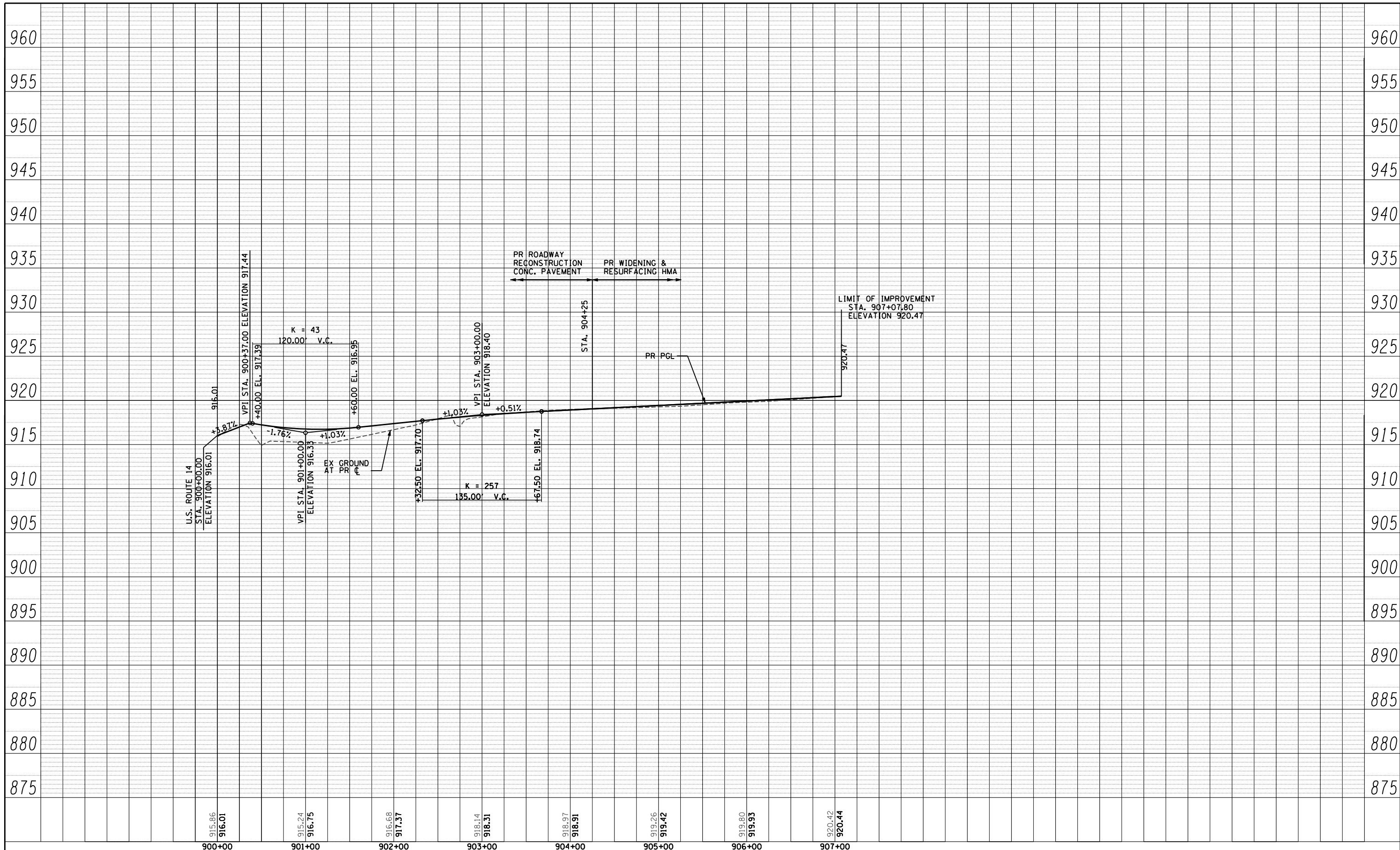


928.75 928.73	4+00	929.62 929.62	5+00	929.12 929.12	6+00	929.12 929.12	7+00	929.12 929.12	8+00	928.64 928.64	9+00	927.70 927.70	10+00	928.88 928.88	11+00	927.59 927.59	12+00	928.55 928.55	13+00	929.52 929.52	14+00	929.80 929.80	15+00	929.14 929.14	16+00	928.87
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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -	SCALE: H: 1"=50' V: 1"=5'			SHEET NO. 54 OF 431 SHEETS	STA. 3+26.7 TO STA. 15+76.31	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/8/2013	DATE - 10/15/2013	REVISED -									

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DEPARTMENT OF TRANSPORTATION**

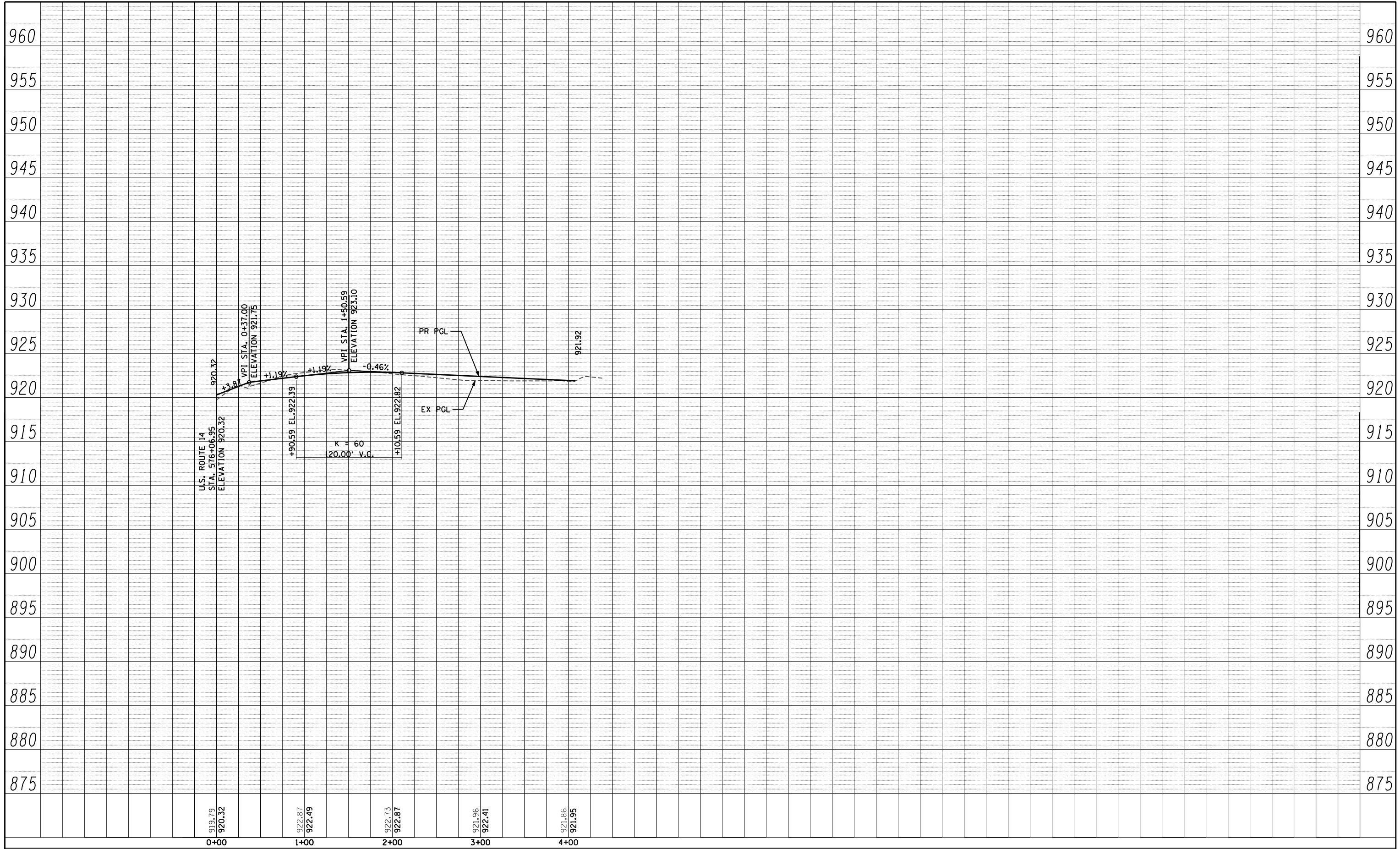
**RIDGEFIELD ROAD SOUTH
PROFILE**

SCALE: H: 1"=50' V: 1"=5' SHEET NO. 55 OF 431 SHEETS STA. 900+00 TO STA. 907+07.80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	55
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

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DEPARTMENT OF TRANSPORTATION**

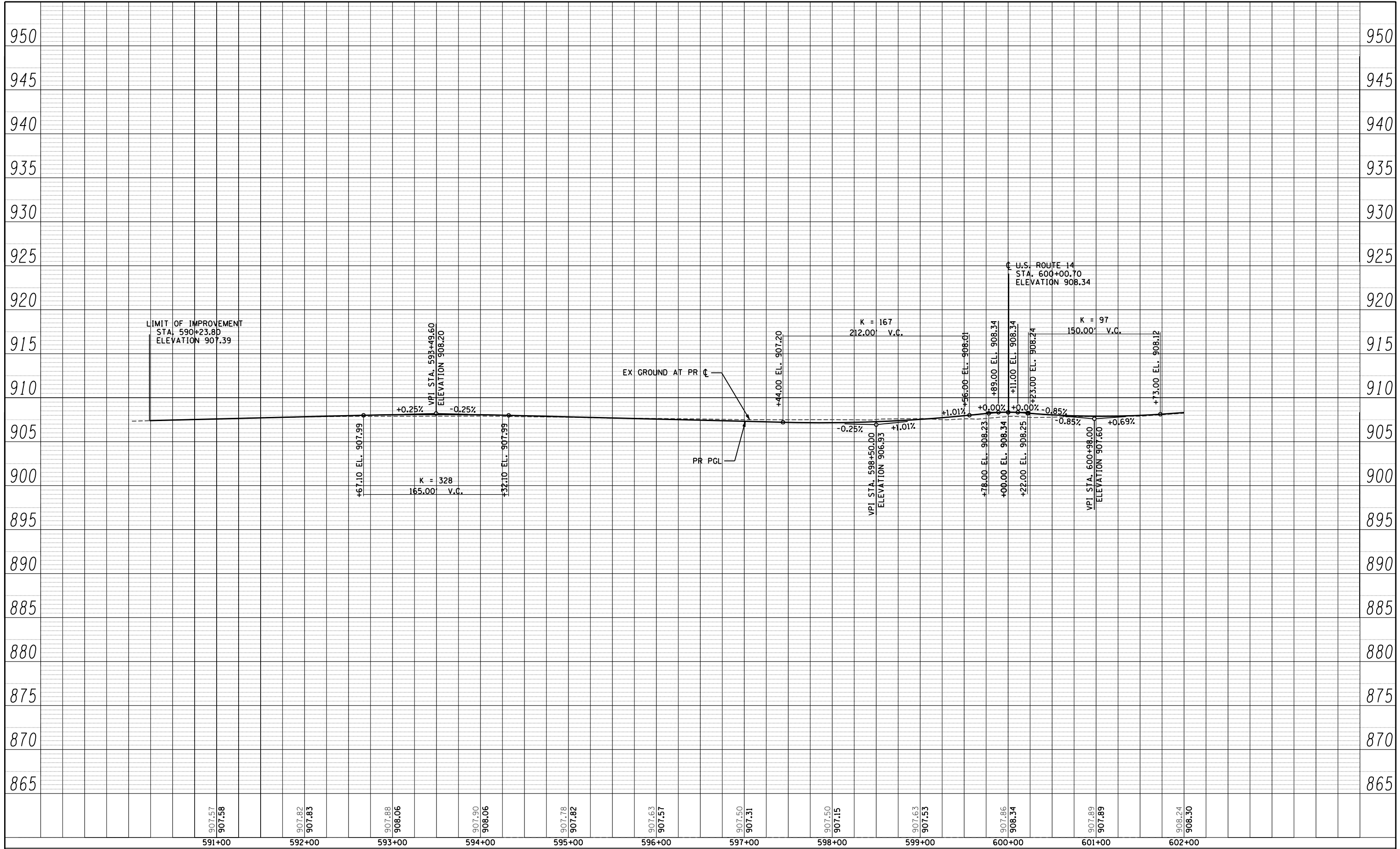
**LENNY DRIVE
PROFILE**

SCALE: H: 1"=50' V: 1"=5' SHEET NO. 56 OF 431 SHEETS STA. 0+00 TO STA. 4+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	56
				CONTRACT NO. 62517
ILLINOIS FED. AID PROJECT				

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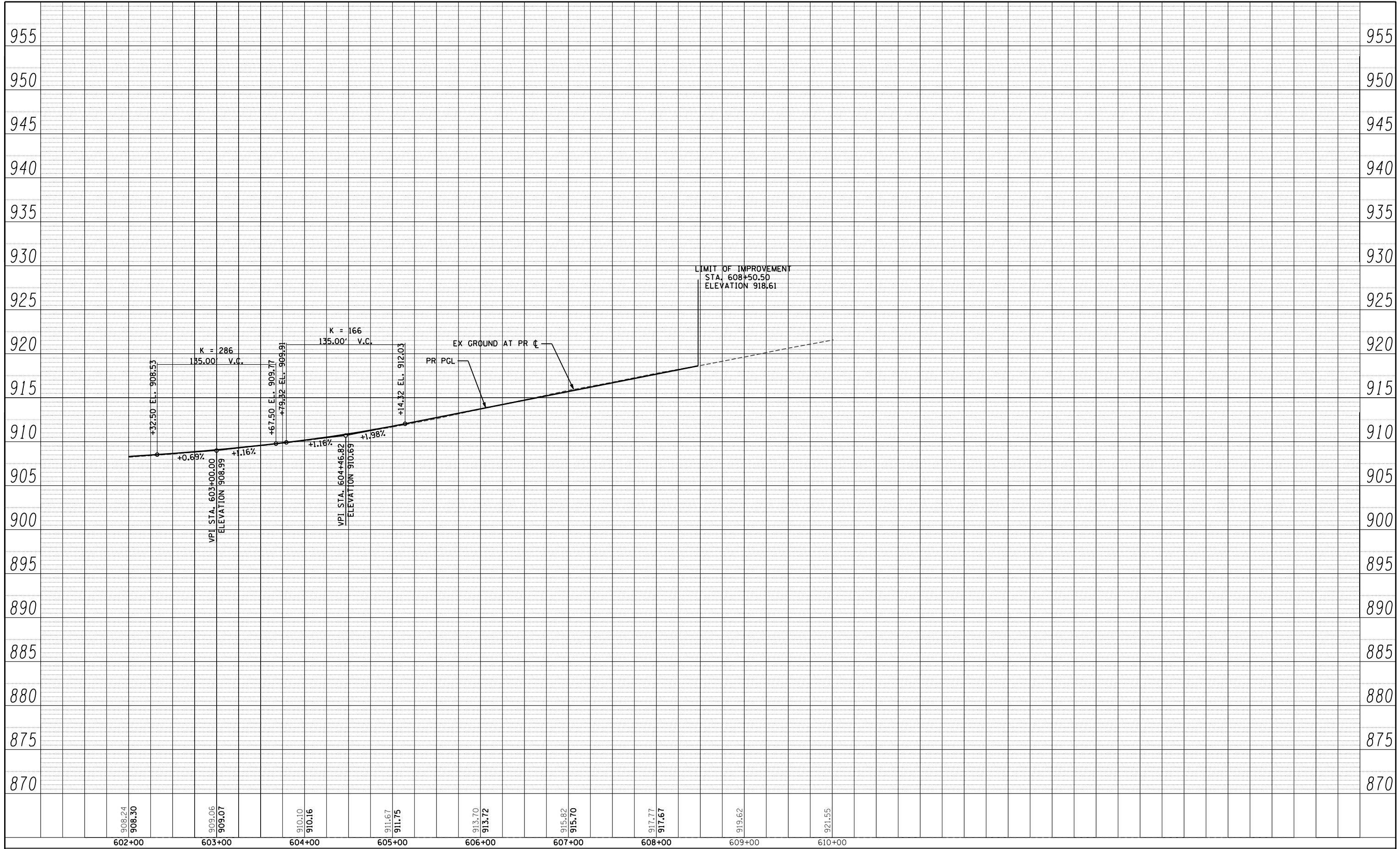
**ILLINOIS ROUTE 176
PROFILE**

SCALE: H: 1"=50' V: 1"=5' SHEET NO. 57 OF 431 SHEETS STA. 590+23.80 TO STA. 602+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	57
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 176
PROFILE**

SCALE: H: 1"=50' V: 1"=5' SHEET NO. 58 OF 431 SHEETS STA. 602+00 TO STA. 608+50.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	58
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

GENERAL STAGING NOTES

- THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR 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 PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- ALL HIGHWAY TRAFFIC CONTROL STANDARDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, SPECIAL.
- MAINTAIN EXISTING TRAFFIC LANES.
- STAGING WILL TIE INTO THAT OF IMPROVEMENTS BY OTHERS AT STA. 493+00
- THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS, OR ANY CHANGE IN STAGE.
- THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES, APPROACHES, AND TEMPORARY ROADS WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES AND/OR AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "AGGREGATE FOR TEMPORARY ACCESS".
- ALL EXISTING SIGNS THAT ARE IN CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
- ALL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE NOTED.
- SEE IDOT STANDARDS 701006-05 AND 701326-04 FOR TRAFFIC MAINTENANCE DURING TEMPORARY PAVEMENT CONSTRUCTION.
- THE CONTRACTOR SHALL PLACE A CHANGEABLE MESSAGE SIGN AT THE SOUTH LIMIT OF THE PROJECT ALONG US RTE 14 AND/OR AS DIRECTED BY THE ENGINEER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGN WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACE TWO WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGN".
- BARRICADES; THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL.
- ANY SAW CUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ YD FOR "PAVEMENT REMOVAL".
- PRIOR TO INSTALLING POST MOUNTED SIGNS, THE CONTRACTOR SHALL CONTACT J.U.L.I.E.
- EXISTING PAVEMENT MARKINGS THAT INTERFERE WITH STAGE CONSTRUCTION PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR MUST VERIFY FIELD CONDITIONS BEFORE STARTING ANY WORK. CONFLICTS, DISCREPANCIES, OMISSIONS MUST BE REPORTED TO THE ENGINEER.
- ANY IDOT SIGN THAT IS COVERED OR CHANGED SHALL BE DONE IN A MANNER WHICH DOES NOT DAMAGE ANY SIGNS OR POSTS. ANY SIGN OR POST WHICH THE ENGINEER DETERMINES HAS BEEN DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
- SEE CROSS SECTIONS FOR TEMPORARY PAVEMENT ELEVATIONS.
- UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
- PROTECT SIDEROADS, INTERSECTIONS & DRIVEWAYS WITH BARRICADES AS PER DISTRICT DETAIL TC-10.
- THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.
- CONTRACTOR SHALL PROVIDE A CHANGEABLE MESSAGE SIGN ON WESTBOUND US RTE 14 LANE AS INFORMATIONAL SIGN IN ADVANCE OF CONSTRUCTION ZONE.

SEQUENCE OF CONSTRUCTION

PRE-STAGE 1 (U.S. RTE 14, RIDGEFIELD RD SOUTH, IL 176, AND LENNY DR)

MAINTENANCE OF TRAFFIC:

- TRAFFIC ON U.S. RTE 14 WILL REMAIN OPEN AND MAINTAINED IN BOTH DIRECTIONS.
 - PLACE TRAFFIC CONTROL DEVICES ON U.S. RTE 14, AND IL 176 ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER. UTILIZE IDOT STANDARDS 701006-06 AND 701326-04.
 - UTILIZE BARRICADES TO PROTECT SIDE ROADS, DRIVEWAYS, AND INTERSECTIONS PER DISTRICT 1 DETAIL TC-10.
 - UTILIZE EXISTING PAVEMENT MARKINGS, EXISTING SPEED LIMITS SIGN (UNLESS OTHERWISE NOTED).
- CONSTRUCTION ACTIVITIES:
- REMOVE EXISTING CURB AND GUTTER, DRIVEWAYS AND TREES ALONG SOUTH SIDE OF U.S. RTE 14 AND SOUTH SIDE OF IL 176 AS REQUIRED TO CONSTRUCT THE TEMPORARY PAVEMENT.
 - CONSTRUCT TEMPORARY PAVEMENT ALONG SOUTH SIDE OF U.S. RTE 14, SOUTH SIDE OF IL 176, AND EAST SIDE OF LENNY DR ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
 - CONSTRUCT STORM SEWER TRUNK LINE BACK OF U.S. RTE 14 WEST CURB FROM SOUTH OF IL-176 TO CONNECTION WITH EXISTING STORM AT CRYSTAL LAKE AVENUE (APPROX. STA. 590+93 TO STA. 618+06).
 - CONSTRUCT STORM SEWER LATERALS UNDER THE EXISTING PAVEMENT WITHIN THE WIDENING AND RESURFACING SECTION (BETWEEN STATION 599+00 AND CRYSTAL LAKE AVENUE). TEMPORARILY PLUG THE LATERALS AND CONSTRUCT PAVEMENT PATCHES. UTILIZE IDOT STANDARDS 701606-09.

STAGE 1 (U.S. RTE 14, RIDGEFIELD RD SOUTH, IL 176, AND LENNY DR)

MAINTENANCE OF TRAFFIC:

- REPLACE ALL PRE-STAGE 1 TRAFFIC CONTROL DEVICES WITH STAGE 1 TRAFFIC CONTROL DEVICES ON U.S. RTE 14, RIDGEFIELD RD SOUTH, IL 176, AND LENNY DR ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- SHIFT U.S. RTE 14, IL 176, AND LENNY DR TRAFFIC TO TEMPORARY TRAFFIC LANES ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- ALL TEMPORARY PAVEMENT MARKINGS TO BE WET REFLECTIVE TEMPORARY TAPE TYPE III.
- MAINTAIN RIDGEFIELD RD SOUTH TRAFFIC ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- UTILIZE IDOT STANDARDS 701006-05, 701606-09, 701502-06 AND 701326-04.

CONSTRUCTION ACTIVITIES:

- CONSTRUCT PAVEMENT NORTH OF U.S. RTE 14 CENTERLINE FROM STA. 493+00 TO STA. 599+00.00
- CONSTRUCT DRAINAGE STRUCTURES AND SEWERS WITHIN THE PAVEMENT CONSTRUCTION AREA. CONSTRUCT NECESSARY CROSS DRAINS AND CULVERTS THAT OUTLET TO THE WEST SIDE OF US 14.
- RESURFACE AND WIDEN PAVEMENT ON U.S. RTE 14 FROM STA. 599+00 TO STA. 619+25.58
- CONSTRUCT THE REMAINDER OF THE DRAINAGE STRUCTURES AND SEWERS WITHIN THE WIDEN AND RESURFACE AREA.
- CONSTRUCT PAVEMENT AND DRAINAGE ON IL 176 NORTH OF IL 176 CENTERLINE (TO BE USED IN STAGE 2).
- CONSTRUCT PAVEMENT AND DRAINAGE WEST OF LENNY DR AND SOUTH EAST CORNER OF LENNY DR AND ANDREA LN INTERSECTION ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- CONSTRUCT PAVEMENT AND DRAINAGE ON RIDGEFIELD RD SOUTH NORTH OF U.S. RTE 14 WITHIN RECONSTRUCTION SECTION ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- CONSTRUCT TEMPORARY PAVEMENT ALONG WEST EDGE OF RIDGEFIELD RD SOUTH (TO BE USED IN STAGE 1A) ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.

STAGE 1A (U.S. RTE 14, RIDGEFIELD RD SOUTH, IL 176, AND LENNY DR)

MAINTENANCE OF TRAFFIC:

- PLACE TRAFFIC CONTROL DEVICES AND CONSTRUCT WET REFLECTIVE TEMPORARY TAPE TYPE III ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS.
- MAINTAIN TRAFFIC PER STAGE 1 DETAILS ON U.S. RTE 14, IL 176, AND LENNY DR ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER
- SHIFT RIDGEFIELD RD SOUTH TRAFFIC TO TEMPORARY TRAFFIC LANES ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- UTILIZE IDOT STANDARDS 701201-04, 701326-04 AND 701336-06.

CONSTRUCTION ACTIVITIES:

- CONTINUE PAVEMENT RECONSTRUCTION ON U.S. RTE 14 (STA. 493+00 TO STA. 599+00) NORTH OF U.S. RTE 14 CENTERLINE.
- CONTINUE PAVEMENT RESURFACING AND WIDENING ON U.S. RTE 14 FROM STA. 599+00 TO STA. 619+25.58.
- CONTINUE PAVEMENT RECONSTRUCTION ON IL 176 NORTH OF IL 176 CENTERLINE ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- CONTINUE PAVEMENT CONSTRUCTION ON LENNY DR ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- CONTINUE PAVEMENT CONSTRUCTION, WIDENING AND RESURFACING ON RIDGEFIELD RD SOUTH ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.

SEQUENCE OF CONSTRUCTION - (CONT.)

STAGE 1B (U.S. RTE 14, RIDGEFIELD RD SOUTH, IL 176, LUCAS RD, AND LENNY DR)

MAINTENANCE OF TRAFFIC:

- MAINTAIN TRAFFIC PER STAGE 1A DETAILS ON U.S. RTE 14, IL 176, AND LENNY DR ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER
- SHIFT RIDGEFIELD RD SOUTH TRAFFIC ON TO NEWLY BUILT TRAFFIC LANES ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.

CONSTRUCTION ACTIVITIES:

- FINISH PAVEMENT RECONSTRUCTION ON U.S. RTE 14 (STA. 493+00 TO STA. 599+00) NORTH OF U.S. RTE 14 CENTERLINE.
- FINISH PAVEMENT RESURFACING AND WIDENING ON U.S. RTE 14 FROM STA. 599+00 TO STA. 619+25.58.
- FINISH PAVEMENT RECONSTRUCTION ON IL 176 NORTH OF IL 176 CENTERLINE ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- FINISH PAVEMENT AND SHOULDER CONSTRUCTION ON LENNY DR ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- REMOVE TEMPORARY PAVEMENT ON RIDGEFIELD RD SOUTH BUILT IN STAGE 1 ONLY OUTSIDE OF THE PROPOSED HMA SHOULDER.
- FINISH PAVEMENT WIDENING AND RESURFACING ON RIDGEFIELD RD SOUTH ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER
- FINISH CONSTRUCTING BITUMINOUS AND AGGREGATE SHOULDERS ON RIDGEFIELD RD SOUTH ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- REMOVE SHOULDER AND BUILD TEMPORARY PAVEMENT ON LUCAS RD ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.

STAGE 2 (U.S. RTE 14, IL 176, AND LUCAS RD)

MAINTENANCE OF TRAFFIC:

- ACE TRAFFIC CONTROL DEVICES AND CONSTRUCT WET REFLECTIVE TEMPORARY TAPE TYPE III ON U.S. RTE 14 AND IL 176 ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS.
- SHIFT U.S. RTE 14 TRAFFIC ON NEWLY BUILT PAVEMENT NORTH OF U.S. RTE 14 CENTERLINE (FROM STA. 493+00 TO STA. 599+00)
- SHIFT IL 176 TRAFFIC ON NEWLY BUILT PAVEMENT NORTH OF IL 176 CENTERLINE.
- SHIFT LUCAS RD TRAFFIC TO TEMPORARY PAVEMENT BUILT IN STAGE 1B.

CONSTRUCTION ACTIVITIES:

- REMOVE TEMPORARY PAVEMENT ON U.S. RTE 14 AND IL 176 BUILT IN PRE-STAGE 1.
- CONSTRUCT PAVEMENT ON U.S. RTE 14 SOUTH OF U.S. RTE 14 CENTERLINE FROM STA 493+00 TO STA. 599+00 ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- CONSTRUCT DRAINAGE STRUCTURES AND SEWERS WITHIN THE PAVEMENT CONSTRUCTION AREA. CONSTRUCT REMAINING CROSS CULVERTS.
- CONSTRUCT PAVEMENT, SHOULDER, AND DRAINAGE STRUCTURES AND SEWERS ON IL 176 SOUTH OF IL 176 CENTERLINE ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- RECONSTRUCT PAVEMENT ON LUCAS RD ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER

STAGE 2A (U.S. RTE 14, IL 176, AND LUCAS RD)

MAINTENANCE OF TRAFFIC:

- MAINTAIN TRAFFIC PATTERN FROM STAGE 2 FOR U.S. RTE 14, IL 176, AND LUCAS RD.

CONSTRUCTION ACTIVITIES:

- FINISH PAVEMENT RECONSTRUCTION ON LUCAS RD ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER
- FINISH PAVEMENT RECONSTRUCTION ON U.S. RTE 14 SOUTH OF U.S. RTE 14 CENTERLINE (FROM STA 493+00 TO STA. 599+00) ACCORDING TO STAGE 2 TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.
- FINISH PAVEMENT RECONSTRUCTION ON IL 176 SOUTH OF IL 176 CENTERLINE ACCORDING TO STAGE 2 TRAFFIC CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.

STAGE 3 (U.S. RTE 14 AND LUCAS RD)

MAINTENANCE OF TRAFFIC:

- PLACE TRAFFIC CONTROL DEVICES AND CONSTRUCT WET REFLECTIVE TEMPORARY TAPE TYPE III ON U.S. RTE 14 AND IL 176 ACCORDING TO STAGING AND TRAFFIC CONTROL PLANS.
- SHIFT U.S. RTE 14 TRAFFIC TO OUTSIDE LANES TO ALLOW MEDIAN CONSTRUCTION.

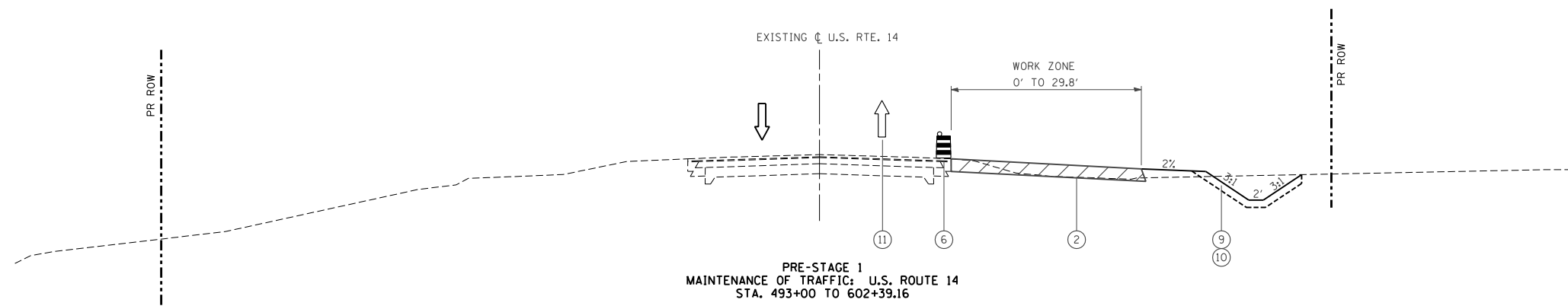
CONSTRUCTION ACTIVITIES:

- CONSTRUCT U.S. RTE 14 MEDIAN FROM STA 493+00 TO STA. 599+00. ADJUST MEDIAN DRAINAGE STRUCTURE THAT WERE CONSTRUCTED IN PREVIOUS STAGE(S) AND COMPLETE ANY REMAINING DRAINAGE CONSTRUCTION WITHIN MEDIAN AREA.
- REMOVE TEMPORARY PAVEMENT ON LUCAS RD.
- FINISH LUCAS RD SHOULDER CONSTRUCTION ACCORDING TO STAGE 2A TRAFFIC CONTROL PLANS.

LEGEND

	TEMPORARY PAVEMENT	(A) WET REFLECTIVE TEMPORARY TAPE T3-LINE, 4" WHITE
	WORK ZONE	(B) WET REFLECTIVE TEMPORARY TAPE T3-LINE, 4" YELLOW
	DIRECTION OF TRAFFIC	(C) WET REFLECTIVE TEMPORARY TAPE T3-LINE, 4" DOUBLE YELLOW
	VERTICAL PANELS AT 50' CENTERS	(D) WET REFLECTIVE TEMPORARY TAPE T3-LINE, 4" YELLOW (10' DASH, 30' SKIP)
	DRUMS WITH MONO-DIRECTIONAL STEADY BURN LIGHTS AT 50' CENTERS	(E) WET REFLECTIVE TEMPORARY TAPE T3-LINE, 6" WHITE
	BARRICADE, TYPE III	(F) WET REFLECTIVE TEMPORARY TAPE T3-LINE, 12" WHITE DIAGONALS
	ROAD CONSTRUCTION AHEAD	(G) WET REFLECTIVE TEMPORARY TAPE T3-LINE, 24" WHITE, STOP BAR
	STOP	(H) WET REFLECTIVE TEMPORARY TAPE T3-LETTERS AND SYMBOLS, WHITE
	TWO-WAY TRAFFIC	(I) WET REFLECTIVE TEMPORARY TAPE T3-DOTTED, 6" WHITE (2' DASH, 6' SKIP)
	RIGHT LANE CLOSED AHEAD	(J) WET REFLECTIVE TEMPORARY TAPE T3-LINE, 12" YELLOW DIAGONALS
	WORKERS	
	200 FEET	
	END CONSTRUCTION	
	ROAD CLOSED	
	SIDEWALK CLOSED	
	SPEED LIMIT 40	
	SPEED LIMIT 30	
	SPEED LIMIT 45	
	SPEED LIMIT 35	
	LEFT LANE CLOSED AHEAD	
	NO U-TURN	
	CHANGEABLE MESSAGE SIGN	SEE GENERAL NOTE 22
	CONSTRUCTION AHEAD	SPECIAL

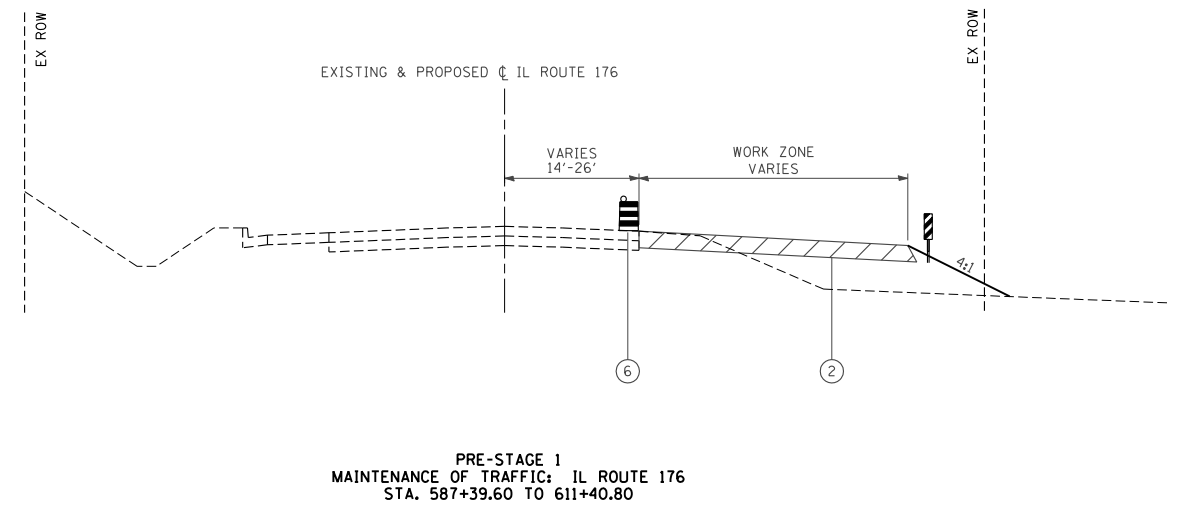
FILE NAME =	USER NAME = .USERNAME.	DESIGNED - JW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC GENERAL NOTES AND SEQUENCE OF CONSTRUCTION			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\1606\CAOD Sheets\0162517-shr-typical-NOT.dgn		DRAWN - JW	REVISED -					305	27R-3	MCHENRY	431	59
PLOT SCALE = 20.00000' / IN.		CHECKED - MGZ	REVISED -					CONTRACT NO. 62517				
PLOT DATE = 10/14/2013		DATE - 10/15/2013	REVISED -					ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (WHITE)
 - ② TEMPORARY PAVEMENT
 - ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH (WHITE)
 - ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (DOUBLE YELLOW)
 - ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (YELLOW)
 - ⑥ DRUM WITH STEADY BURNING LIGHT
 - ⑦ WORK ZONE
 - ⑧ VERTICAL PANEL
 - ⑨ TOPSOIL EXCAVATION AND PLACEMENT (6")
 - ⑩ TEMPORARY EROSION CONTROL SEEDING
 - ⑪ TRAFFIC DIRECTION
 - ⑫ SEEDING, CLASS 2A
 - ⑬ SODDING, SALT TOLERANT

NOTES

1. SEE SHEET 12 FOR TEMPORARY PAVEMENT STRUCTURE DETAIL.



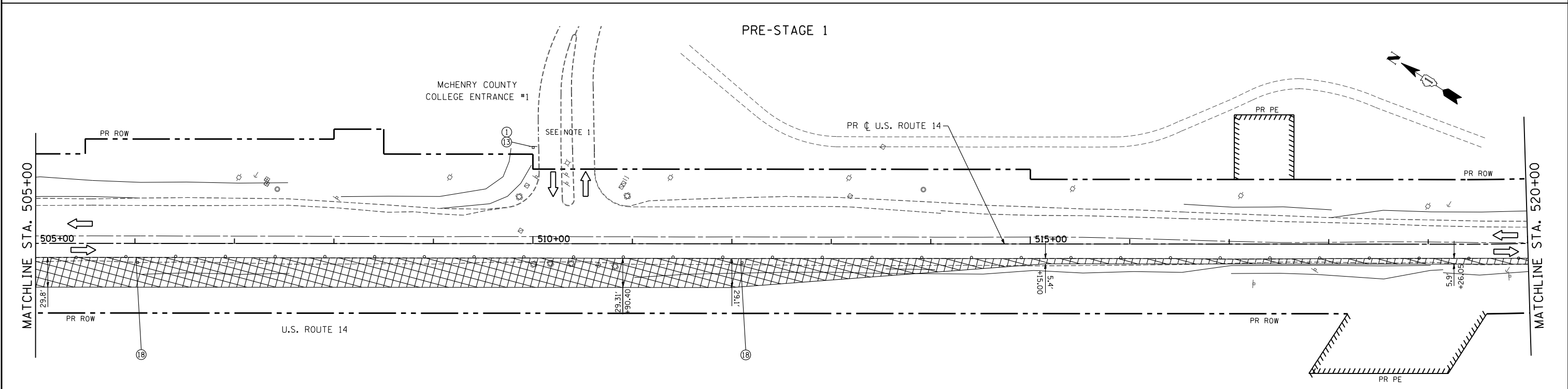
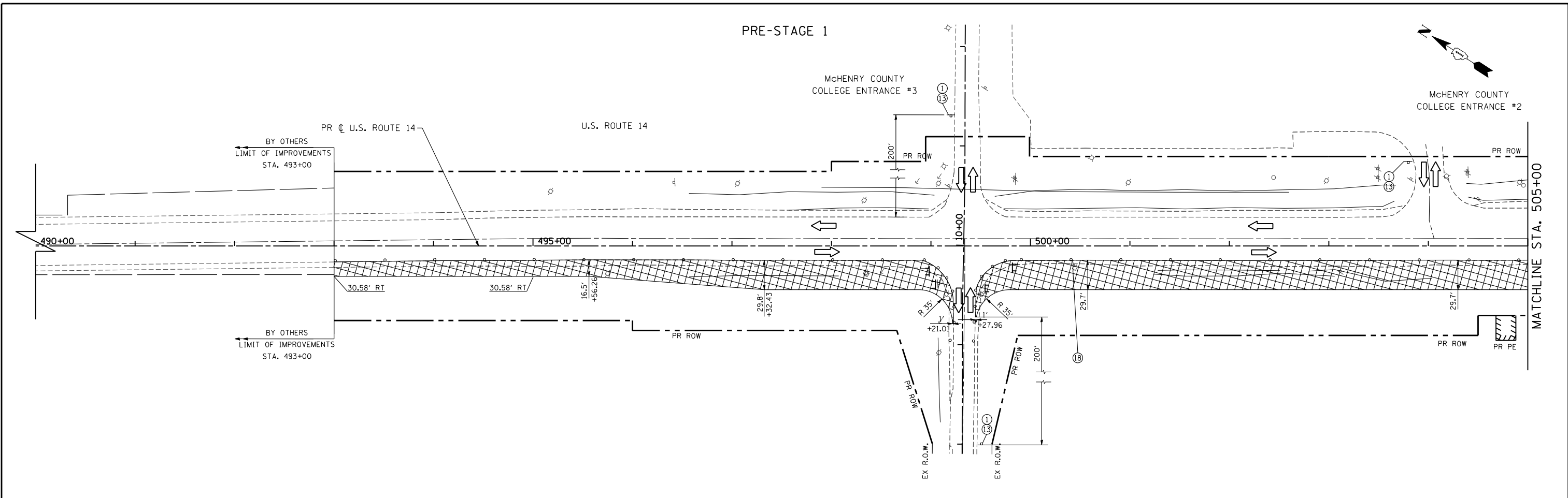
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PLOT DATE = 10/9/2013		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

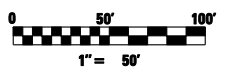
**MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS PRE-STAGE 1**

SCALE: NTS SHEET NO. 60 OF 431 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	60
				CONTRACT NO. 62517
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. SEE COLLEGE ENTRANCE NO.1 TEMPORARY TRAFFIC SIGNALS SHEET.
 2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
 3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
 4. UTILIZE EXISTING PAVEMENT MARKINGS.



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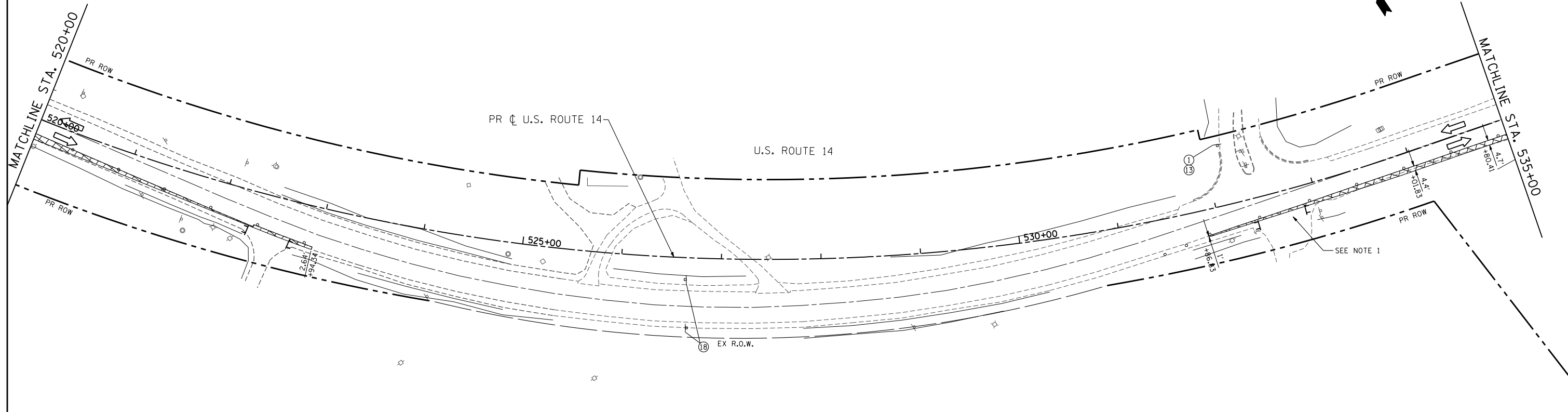
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 PRE-STAGE 1**

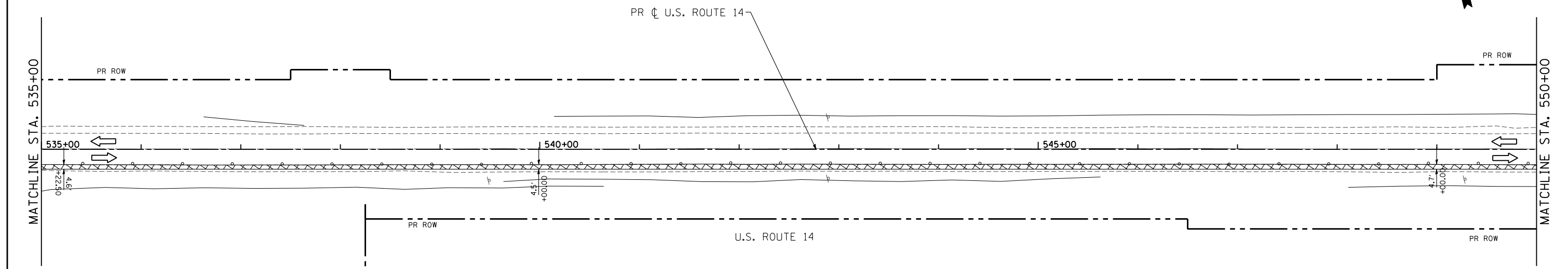
SCALE: 1"=50' SHEET NO. 61 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	61
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

PRE-STAGE 1

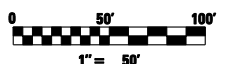


PRE-STAGE 1



NOTES:

1. MAINTAIN ACCESS DURING CONSTRUCTION.
2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
4. UTILIZE EXISTING PAVEMENT MARKINGS.



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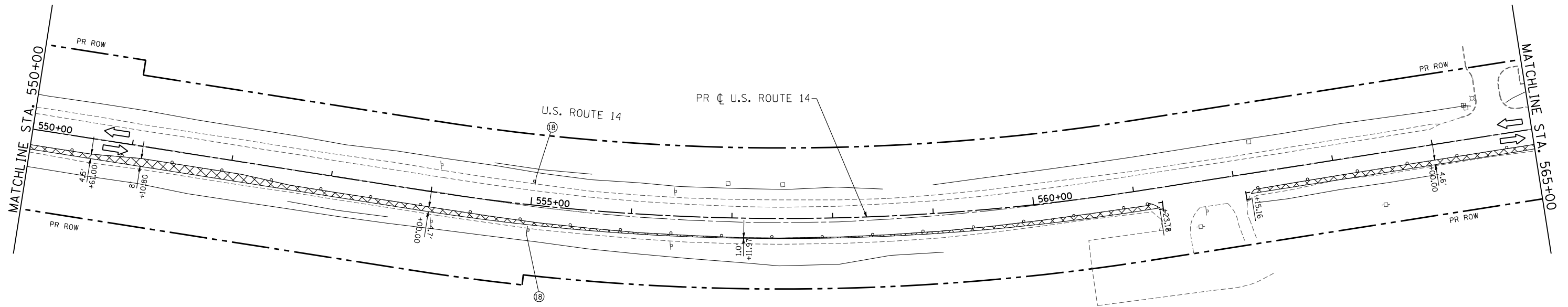
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 PRE-STAGE 1**

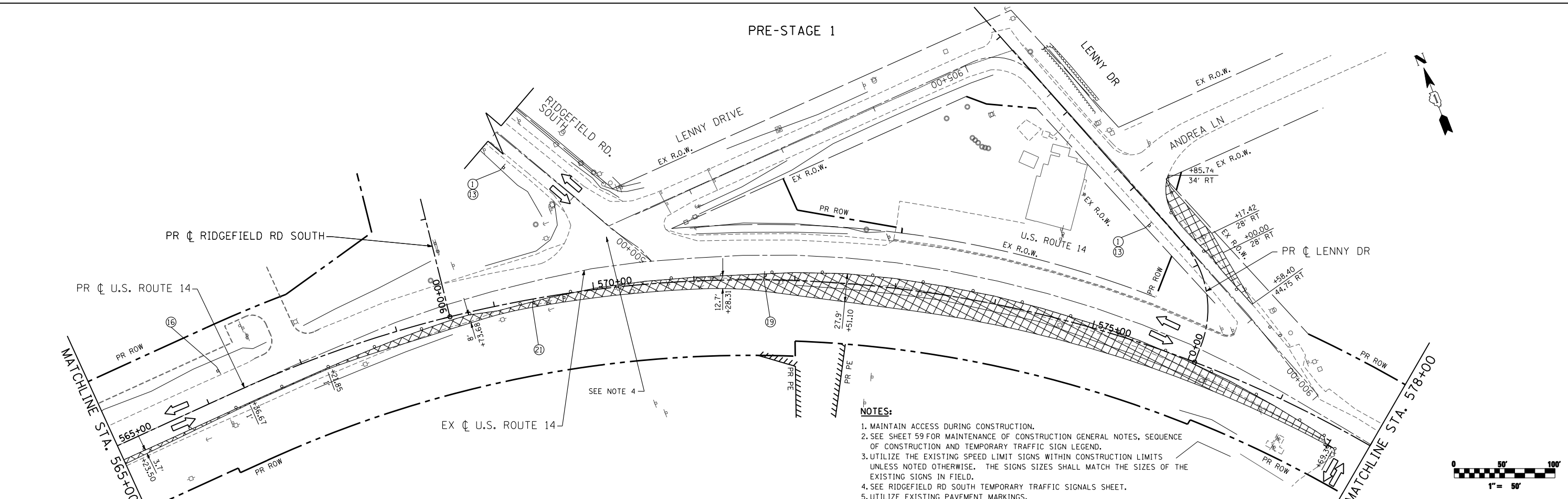
SCALE: 1"=50' SHEET NO. 62 OF 431 SHEETS STA. 520+00 TO STA. 550+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	62
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

PRE-STAGE 1



PRE-STAGE 1



- NOTES:**
1. MAINTAIN ACCESS DURING CONSTRUCTION.
 2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
 3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
 4. SEE RIDGEFIELD RD SOUTH TEMPORARY TRAFFIC SIGNALS SHEET.
 5. UTILIZE EXISTING PAVEMENT MARKINGS.

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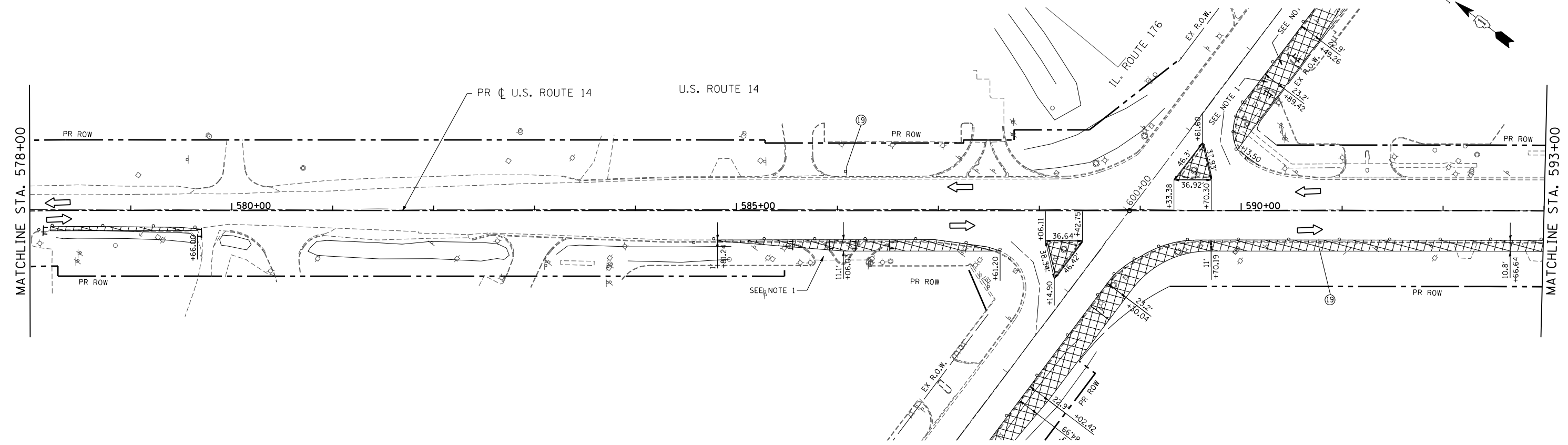
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 & LENNY DR PRE-STAGE 1**

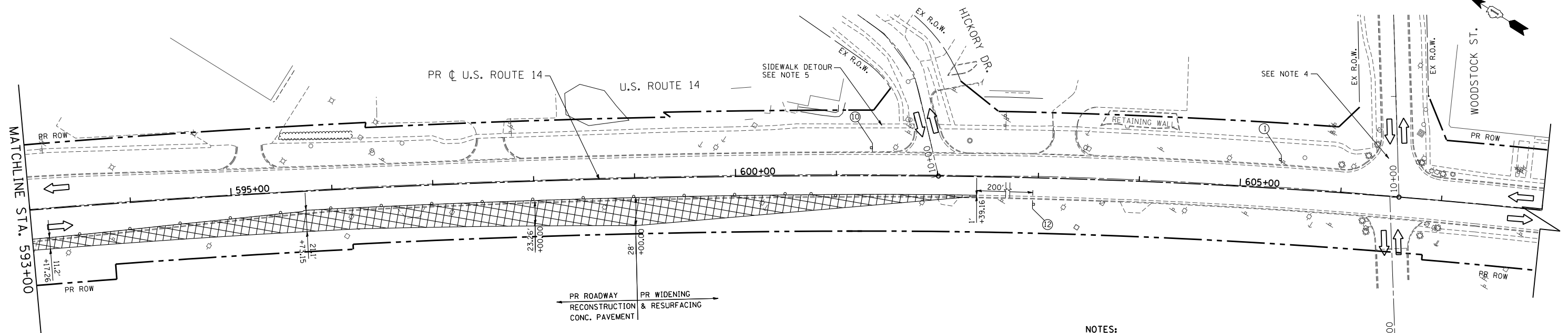
SCALE: 1"=50' SHEET NO. 63 OF 431 SHEETS STA. 550+00 TO STA. 578+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	63
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

PRE-STAGE 1

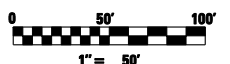


PRE-STAGE 1



NOTES:

1. MAINTAIN ACCESS DURING CONSTRUCTION.
2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
4. SEE IL 176 AND WOODSTOCK ST. TEMPORARY TRAFFIC SIGNALS SHEETS.
5. PEDESTRIAN TRAFFIC WILL BE DETOURED ON IL 176 WEST OF HICKORY DR AND ON US 14 NORTH OF HICKORY DRIVE. PEDESTRIAN TRAFFIC WILL BE DIRECTED TO USE HICKORY DR SIDEWALK DURING STAGES PRE-STAGE 1 THRU 2. UTILIZE STANDARD 701801.
6. UTILIZE EXISTING PAVEMENT MARKINGS.



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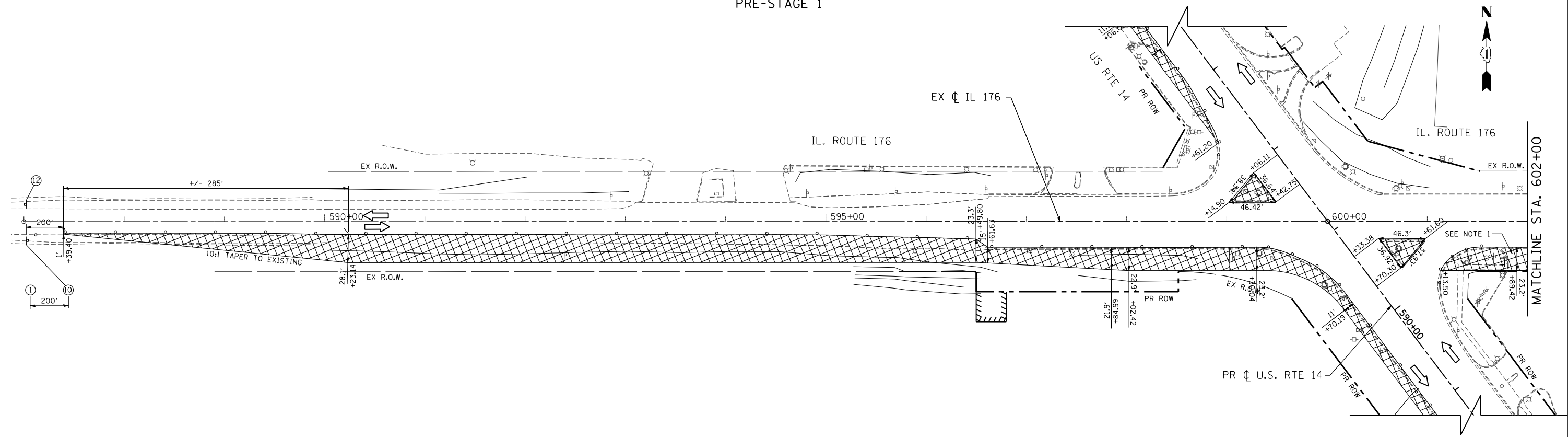
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 PRE-STAGE 1

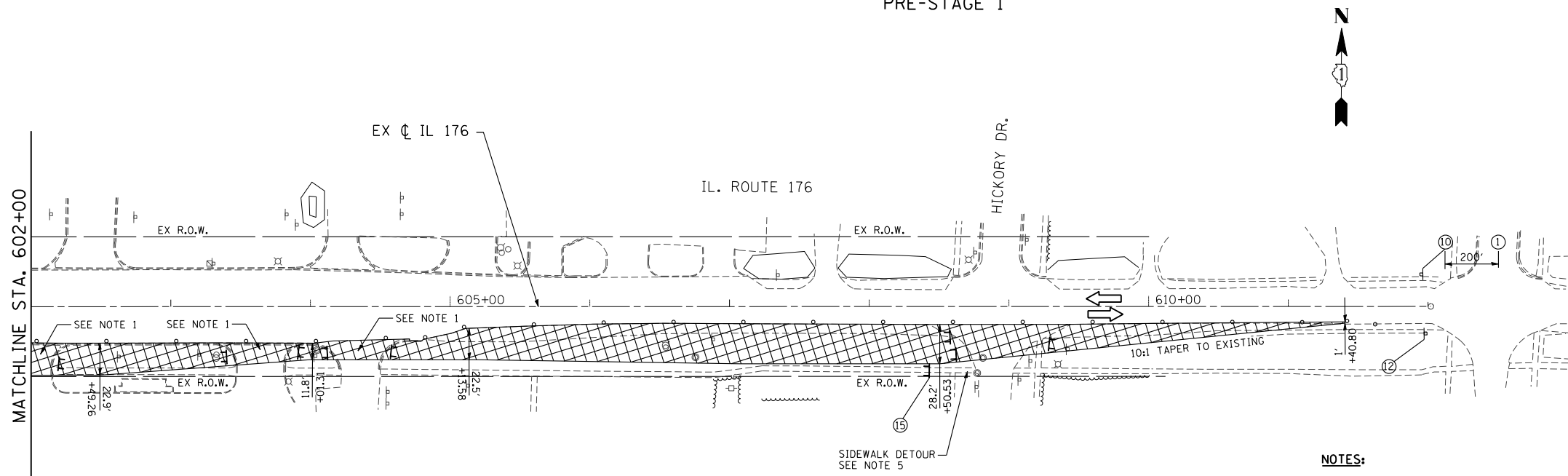
SCALE: 1"=50' SHEET NO. 64 OF 431 SHEETS STA. 578+00 TO STA. 608+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	64
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

PRE-STAGE 1

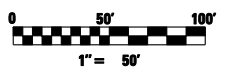


PRE-STAGE 1



NOTES:

1. MAINTAIN ACCESS DURING CONSTRUCTION.
2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
4. SEE IL 176 AND US RTE 14 INTERSECTION TEMPORARY TRAFFIC SIGNALS SHEET.
5. PEDESTRIAN TRAFFIC WILL BE DETOURED ON IL 176 WEST OF HICKORY DR AND ON US 14 NORTH OF HICKORY DRIVE. PEDESTRIAN TRAFFIC WILL BE DIRECTED TO USE HICKORY DR SIDEWALK DURING STAGES PRE-STAGE 1 THRU 2. UTILIZE STANDARD 701801.
6. UTILIZE EXISTING PAVEMENT MARKINGS.



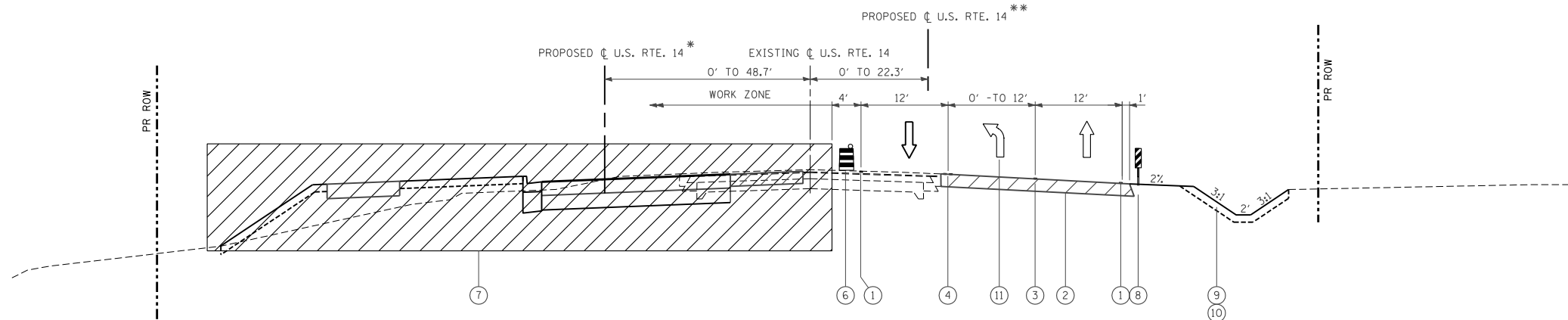
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

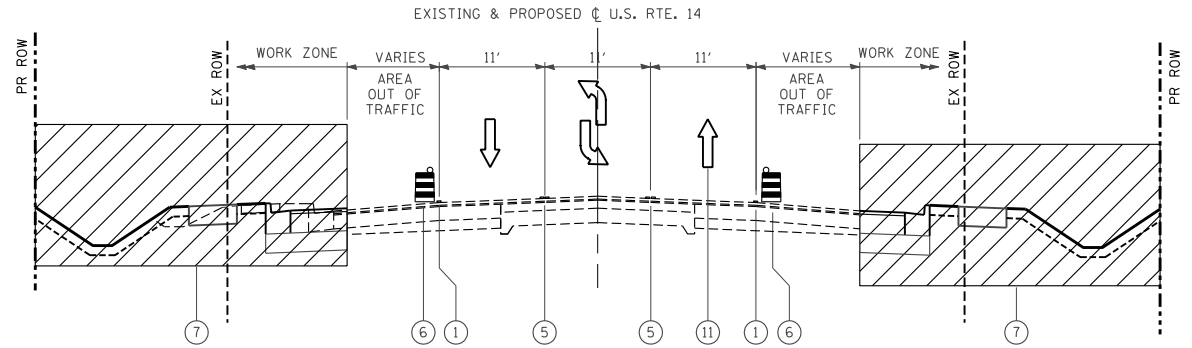
MAINTENANCE OF TRAFFIC PLAN
IL 176 PRE-STAGE 1

SCALE: 1"=50' SHEET NO. 65 OF 431 SHEETS STA. 587+39.40 TO STA. 611+40.80

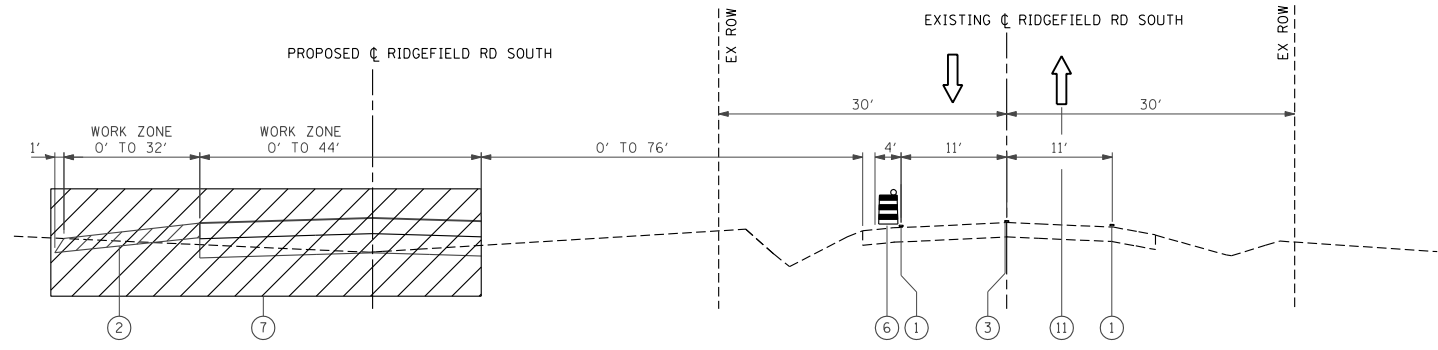
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	65
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	



STAGE 1
 MAINTENANCE OF TRAFFIC: U.S. ROUTE 14
 STA. 493+00 TO STA. 599+00



STAGE 1
 MAINTENANCE OF TRAFFIC: U.S. ROUTE 14
 STA. 599+00 TO STA. 619+25.58



STAGE 1
 MAINTENANCE OF TRAFFIC: RIDGEFIELD ROAD SOUTH
 STA. 900+00 TO STA. 904+25

- LEGEND**
- ① WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (WHITE)
 - ② TEMPORARY PAVEMENT
 - ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH (WHITE)
 - ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH (DOUBLE YELLOW)
 - ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (YELLOW)
 - ⑥ DRUM WITH STEADY BURNING LIGHT
 - ⑦ WORK ZONE
 - ⑧ VERTICAL PANEL
 - ⑨ TOPSOIL EXCAVATION AND PLACEMENT (6")
 - ⑩ TEMPORARY EROSION CONTROL SEEDING
 - ⑪ TRAFFIC DIRECTION
 - ⑫ SEEDING, CLASS 2A
 - ⑬ SODDING, SALT TOLERANT

* FROM STA. 520+16.26 TO STA. 533+50.44
 ** FROM STA. 554+42.21 TO STA. 560+51.51

- NOTES**
1. ALL TEMPORARY PAVEMENT MARKINGS IN STAGE 1 SHALL BE PAINTED. ALL TEMPORARY PAVEMENT MARKINGS OF SUB-STAGE 1 IN PLACE FOR WINTER SHUT DOWN SHALL BE PAINTED.
 2. SEE SHEET 12 FOR TEMPORARY PAVEMENT STRUCTURE DETAIL.

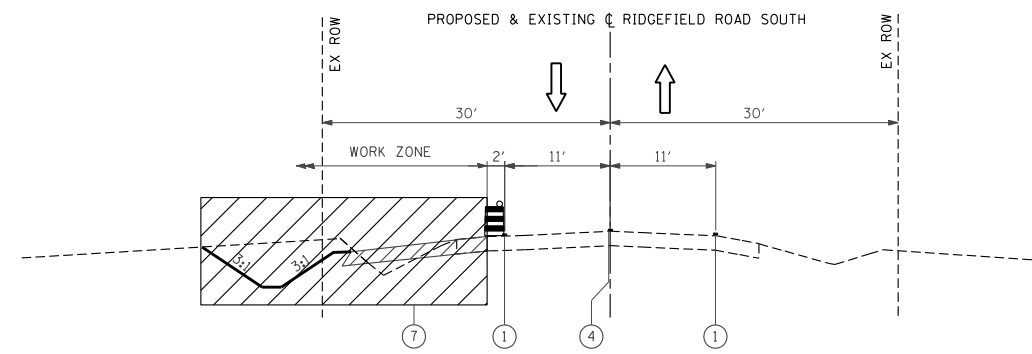
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PLOT DATE = 10/9/2013		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

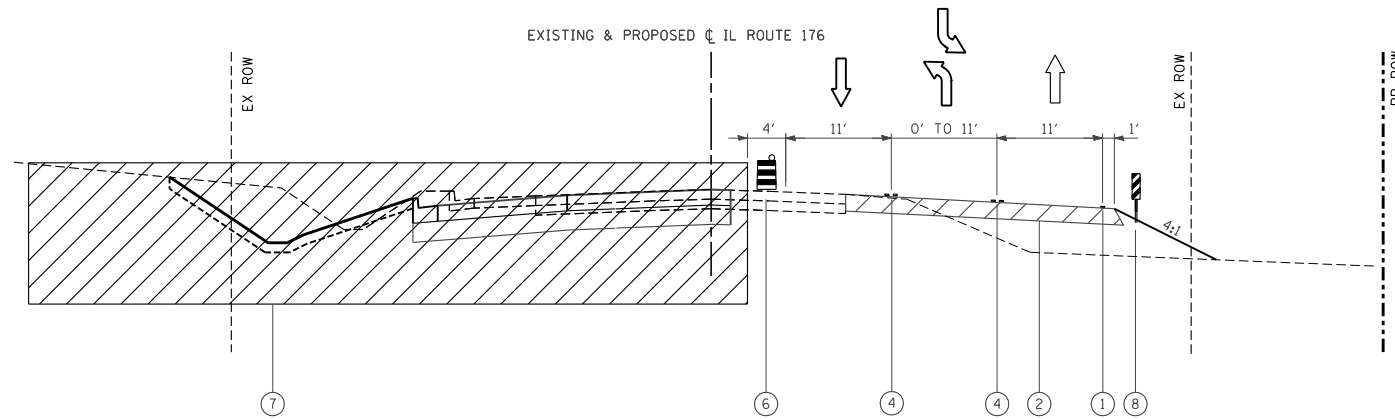
**MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS STAGE 1**

SCALE: NTS SHEET NO. 66 OF 431 SHEETS STA. TO STA.

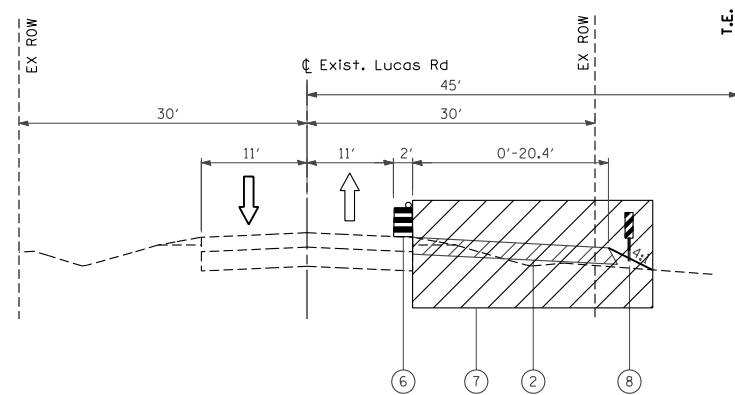
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	66
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				



STAGE 1
 MAINTENANCE OF TRAFFIC: RIDGEFIELD ROAD SOUTH
 STA. 904+25 TO STA. 907+07.80



STAGE 1
 MAINTENANCE OF TRAFFIC: IL ROUTE 176
 STA. 590+23.80 TO 608+30.50



STAGE 1B
 MAINTENANCE OF TRAFFIC: LUCAS RD
 STA. 3+27.60 TO 9+38.08

LEGEND

- ① WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (WHITE)
- ② TEMPORARY PAVEMENT
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH (WHITE)
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (DOUBLE YELLOW)
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (YELLOW)
- ⑥ DRUM WITH STEADY BURNING LIGHT
- ⑦ WORK ZONE
- ⑧ VERTICAL PANEL
- ⑨ TOPSOIL EXCAVATION AND PLACEMENT (6")
- ⑩ TEMPORARY EROSION CONTROL SEEDING
- ⑪ TRAFFIC DIRECTION
- ⑫ SEEDING, CLASS 2A
- ⑬ SODDING, SALT TOLERANT

NOTES

1. ALL TEMPORARY PAVEMENT MARKINGS IN STAGE 1 SHALL BE PAINTED. ALL TEMPORARY PAVEMENT MARKINGS OF SUB-STAGE 1 IN PLACE FOR WINTER SHUT DOWN SHALL BE PAINTED.
2. SEE SHEET 12 FOR TEMPORARY PAVEMENT STRUCTURE DETAIL.

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS STAGE 1**

SCALE: NTS SHEET NO. 67 OF 431 SHEETS STA. TO STA.

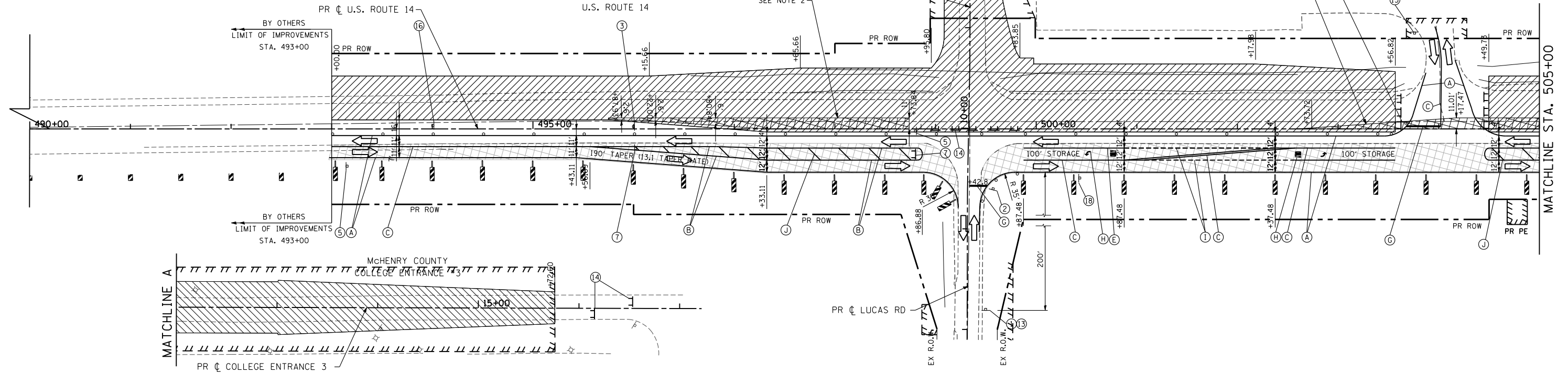
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305	27R-3	MCHENRY	431	67
				CONTRACT NO. 62517
ILLINOIS FED. AID PROJECT				

STAGE 1

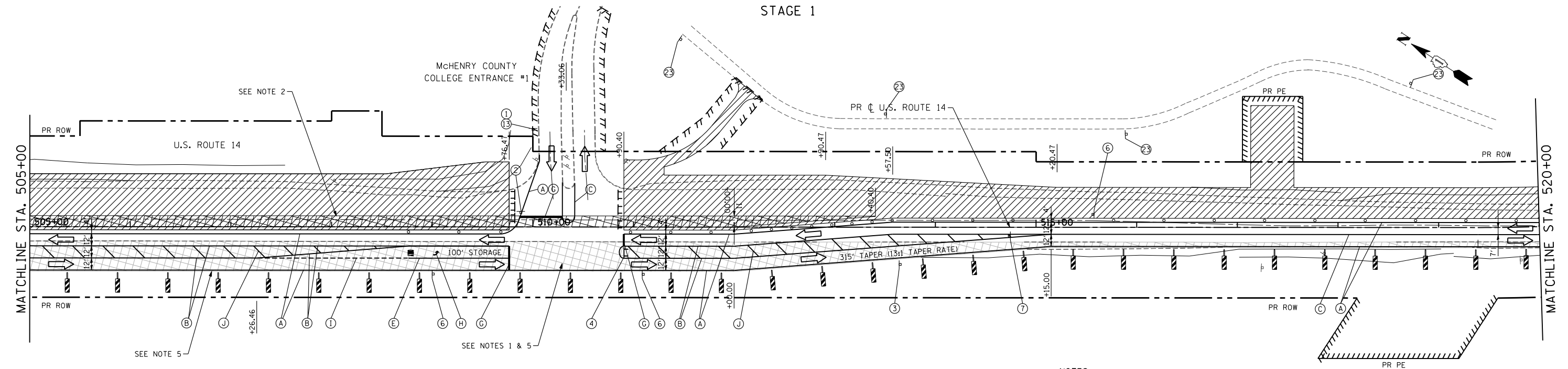
MATCHLINE A

McHENRY COUNTY COLLEGE ENTRANCE #3

McHENRY COUNTY COLLEGE ENTRANCE #2

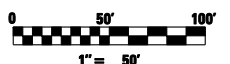


STAGE 1



NOTES:

1. SEE COLLEGE ENTRANCE NO.1 TEMPORARY TRAFFIC SIGNALS SHEET.
2. TEMPORARY PAVEMENT CONSTRUCTED FOR STAGE 2 TRAFFIC.
3. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
4. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
5. TEMPORARY PAVEMENT BUILT IN PRE-STAGE 1.



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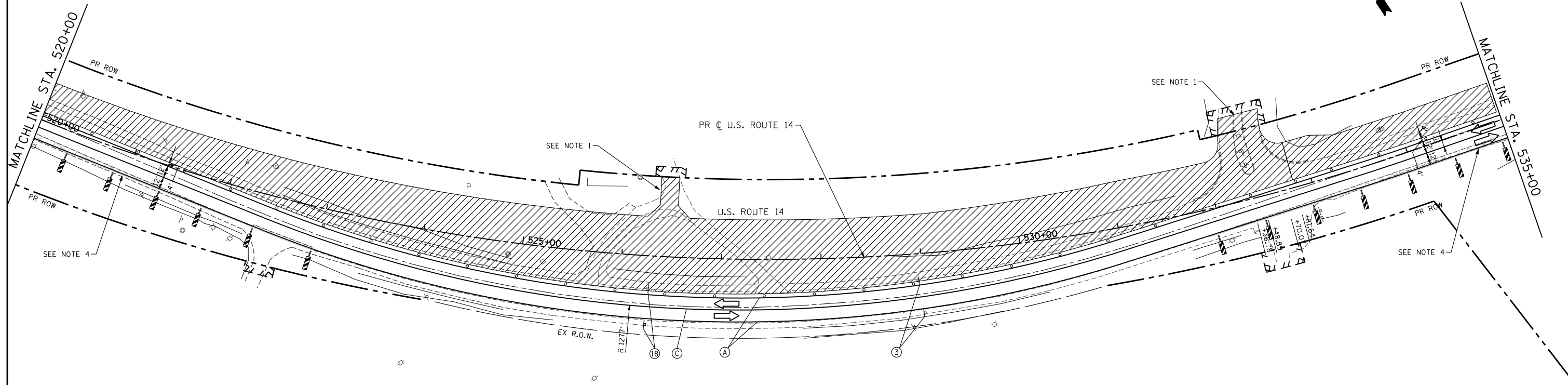
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 STAGE 1

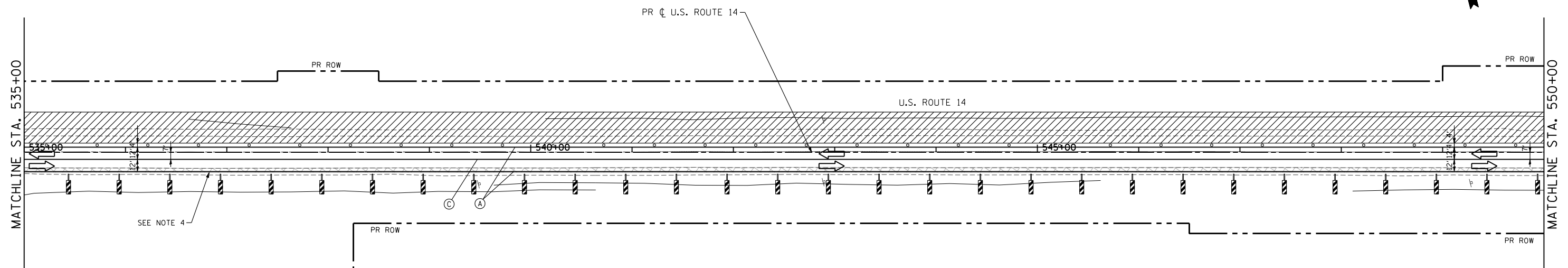
SCALE: 1"=50' SHEET NO. 68 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	McHENRY	431	68
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 1

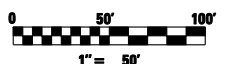


STAGE 1



NOTES:

1. MAINTAIN ACCESS DURING CONSTRUCTION.
2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
4. TEMPORARY PAVEMENT BUILT IN PRE-STAGE 1.



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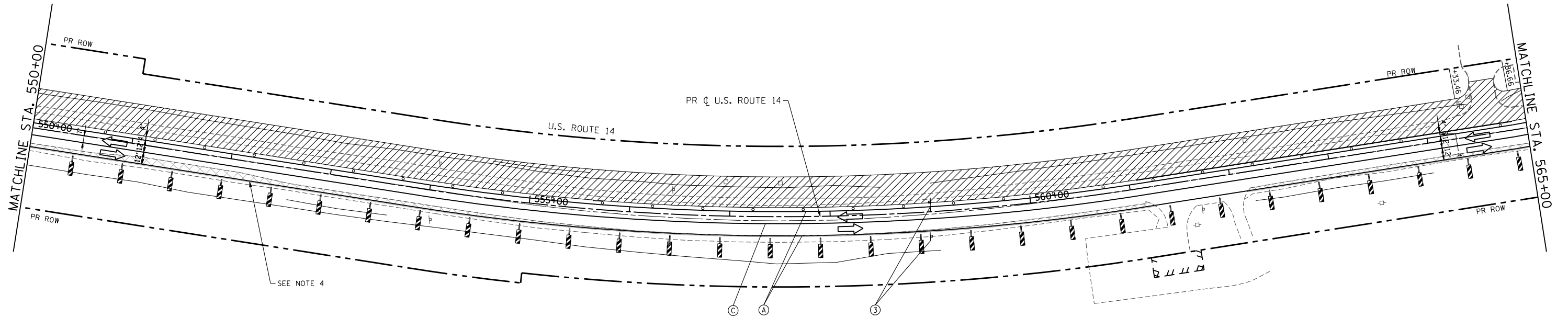
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 STAGE 1**

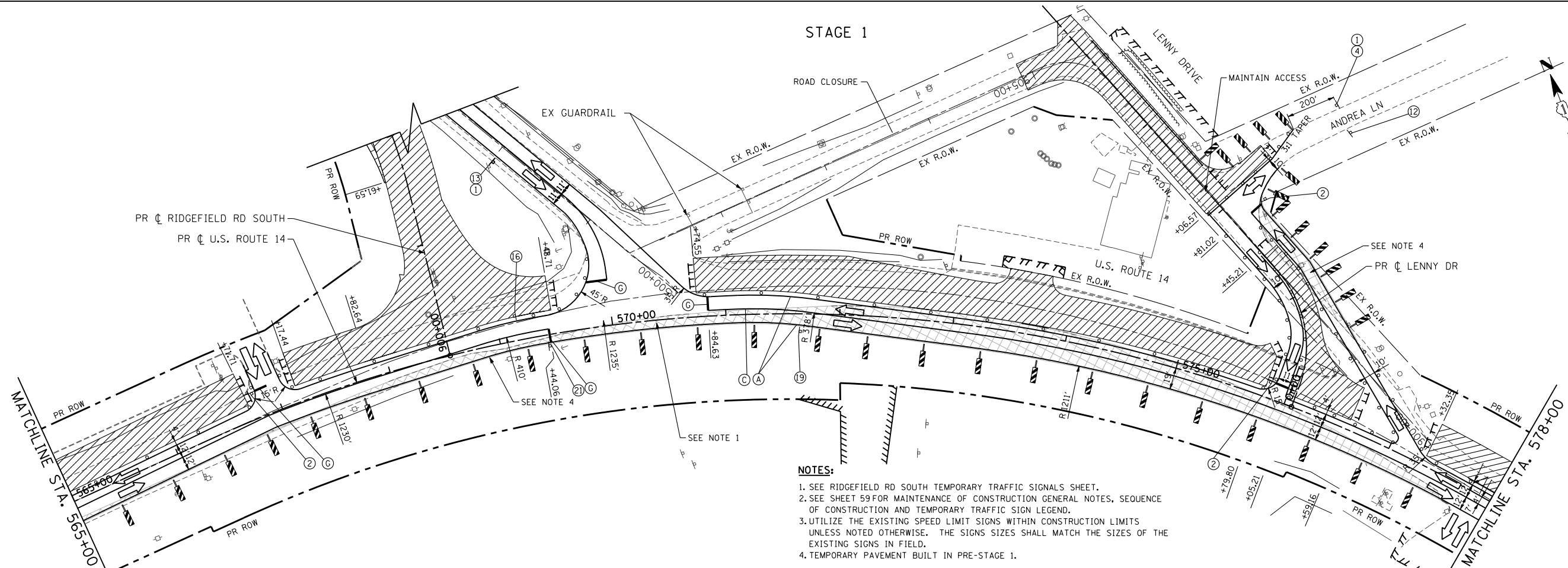
SCALE: 1"=50' SHEET NO. 69 OF 431 SHEETS STA. 520+00 TO STA. 550+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	69
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 1

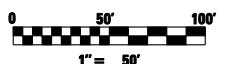


STAGE 1



NOTES:

1. SEE RIDGEFIELD RD SOUTH TEMPORARY TRAFFIC SIGNALS SHEET.
2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
4. TEMPORARY PAVEMENT BUILT IN PRE-STAGE 1.



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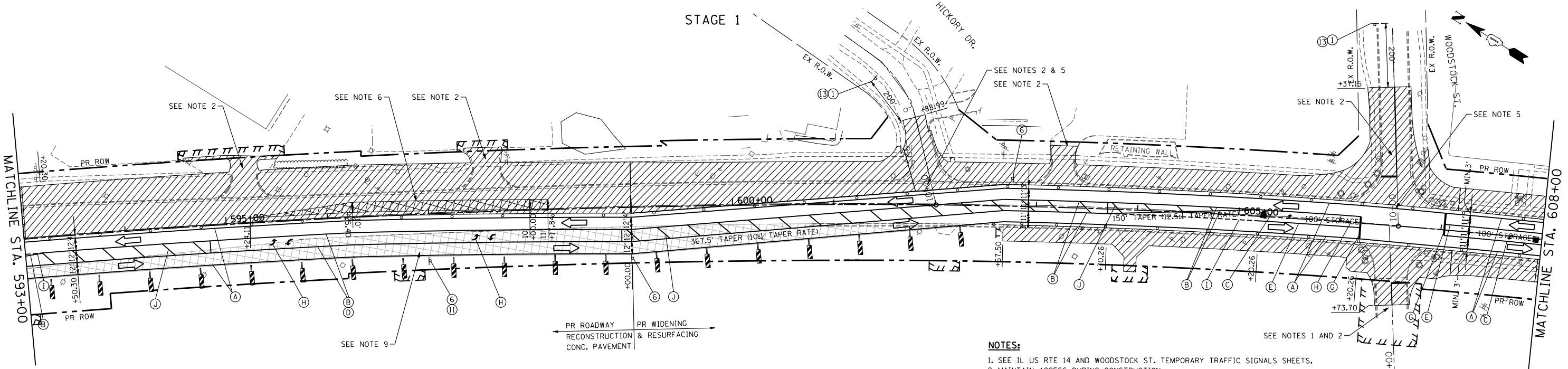
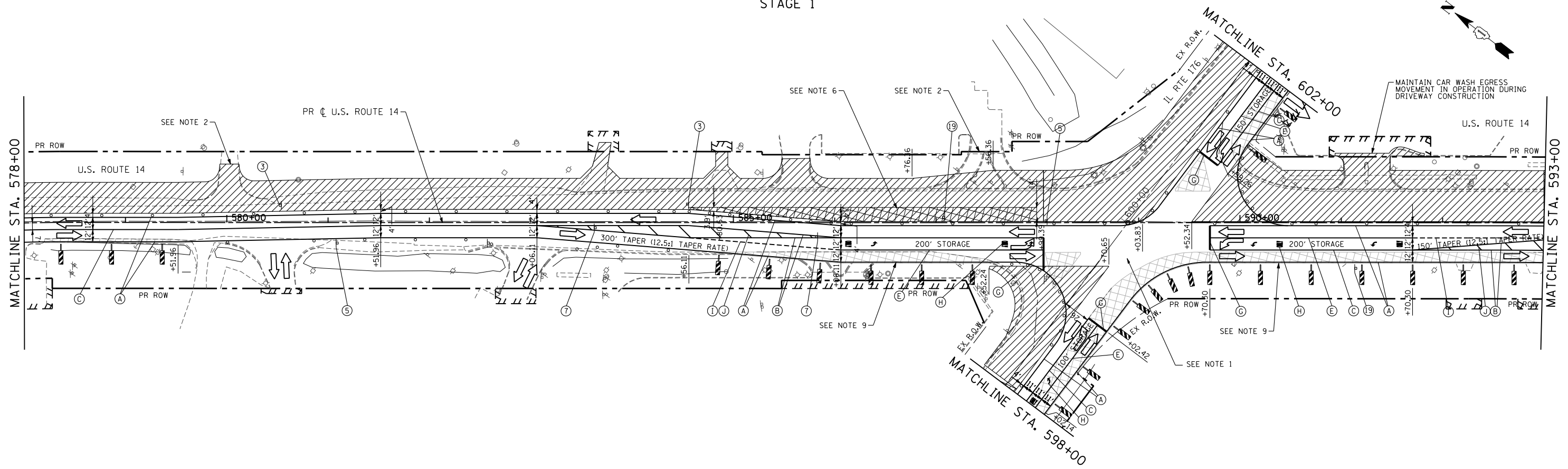
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 & LENNY DR STAGE 1**

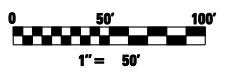
SCALE: 1"=50' SHEET NO. 70 OF 431 SHEETS STA. 550+00 TO STA. 578+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	70
			CONTRACT NO. 62517	
ILLINOIS FED. AID PROJECT				

STAGE 1



- NOTES:**
1. SEE IL US RTE 14 AND WOODSTOCK ST. TEMPORARY TRAFFIC SIGNALS SHEETS.
 2. MAINTAIN ACCESS DURING CONSTRUCTION.
 3. PROVIDE MINIMUM 50' TURNING RADII WHEN STAGING US RTE 14/IL 176 INTERSECTION RECONSTRUCTION.
 4. SEE IDOT STANDARD 701502-06 FOR LANE CLOSURE PROCEDURES FOR US RTE 14 RESURFACING STARTING AT STA. 599+00.
 5. BARRICADES PRESENT WHEN RESURFACING.
 6. TEMPORARY PAVEMENT CONSTRUCTED FOR STAGE 2 TRAFFIC.
 7. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
 8. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
 9. TEMPORARY PAVEMENT BUILT IN PRE-STAGE 1.



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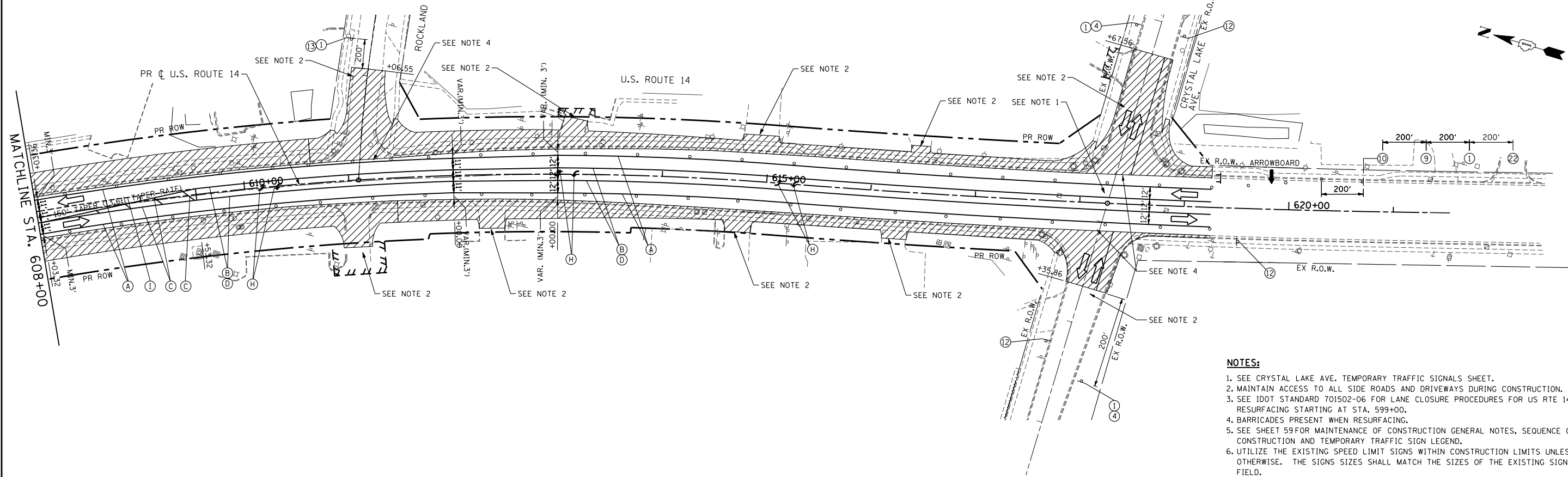
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 STAGE 1**

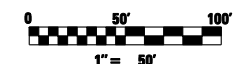
SCALE: 1"=50' SHEET NO. 71 OF 431 SHEETS STA. 578+00 TO STA. 608+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	71
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 1



- NOTES:**
1. SEE CRYSTAL LAKE AVE. TEMPORARY TRAFFIC SIGNALS SHEET.
 2. MAINTAIN ACCESS TO ALL SIDE ROADS AND DRIVEWAYS DURING CONSTRUCTION.
 3. SEE IDOT STANDARD 701502-06 FOR LANE CLOSURE PROCEDURES FOR US RTE 14 RESURFACING STARTING AT STA. 599+00.
 4. BARRICADES PRESENT WHEN RESURFACING.
 5. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
 6. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



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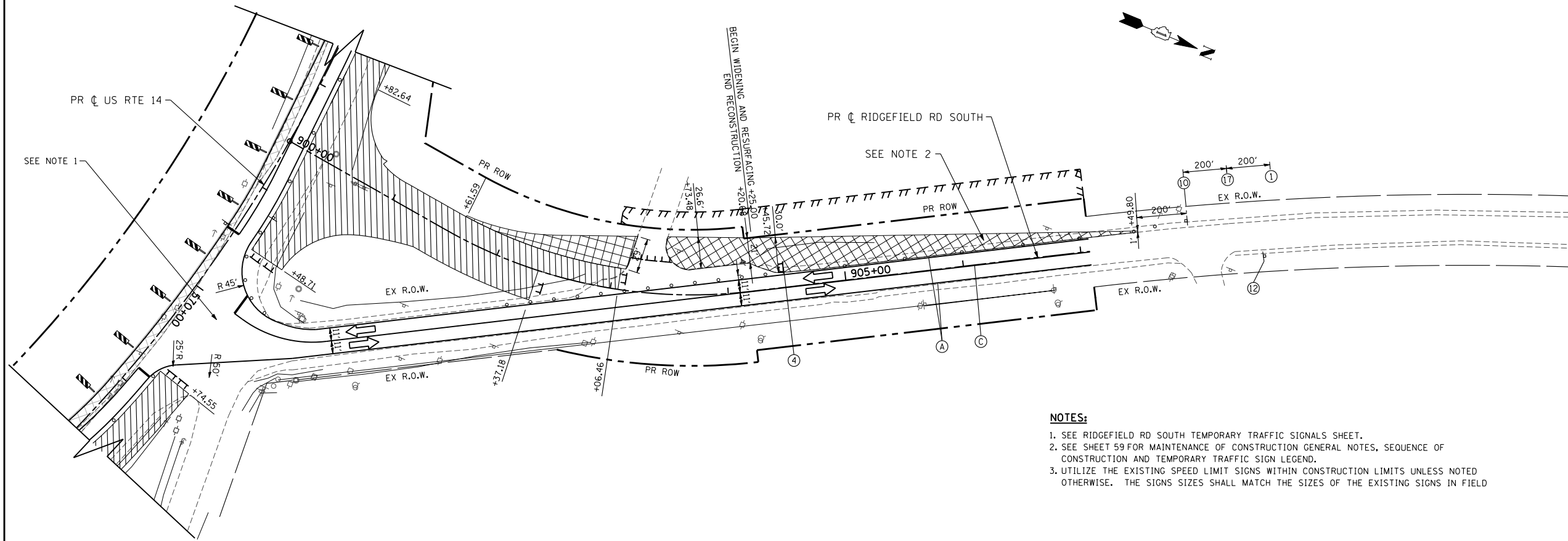
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 STAGE 1**

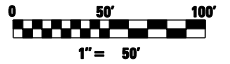
SCALE: 1"=50' SHEET NO. 72 OF 431 SHEETS STA. 608+00 TO STA. 619+25.58

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	72
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 1



- NOTES:**
1. SEE RIDGEFIELD RD SOUTH TEMPORARY TRAFFIC SIGNALS SHEET.
 2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
 3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD



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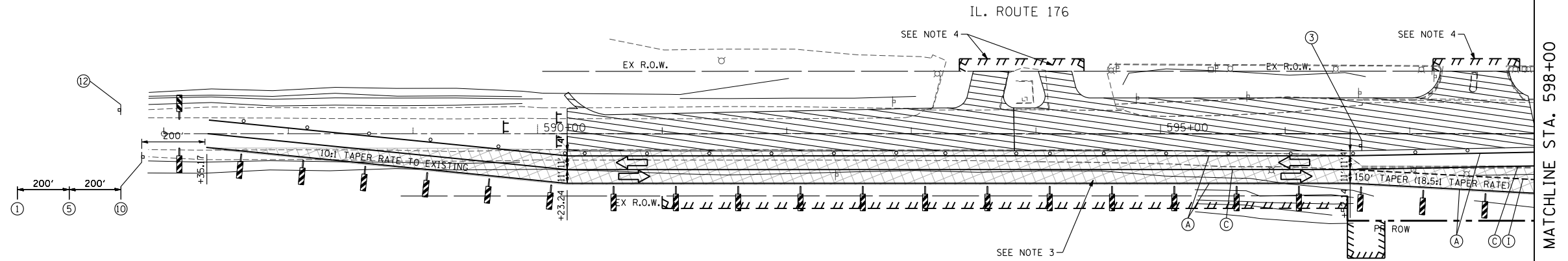
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
RIDGEFIELD RD SOUTH STAGE 1**

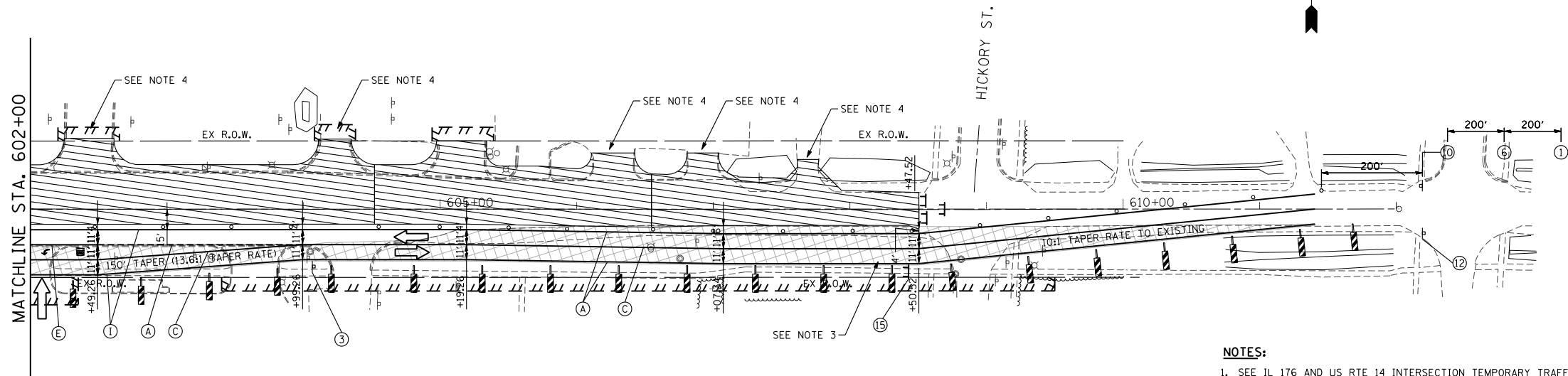
SCALE: 1"=50' SHEET NO. 73 OF 431 SHEETS STA. 90+00.00 TO STA. 907+49.80

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	73
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 1

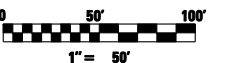


STAGE 1



NOTES:

1. SEE IL 176 AND US RTE 14 INTERSECTION TEMPORARY TRAFFIC SIGNALS SHEET.
2. PEDESTRIAN TRAFFIC WILL BE DETOURED ON IL 176 WEST OF HICKORY DR AND ON US 14 NORTH OF HICKORY DRIVE. PEDESTRIAN TRAFFIC WILL BE DIRECTED TO USE HICKORY DR SIDEWALK DURING STAGES 1 THRU 2 (UTILIZE STANDARD 701801-05).
3. TEMPORARY PAVEMENT BUILT IN PRE-STAGE 1.
4. MAINTAIN ACCESS DURING CONSTRUCTION.
5. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



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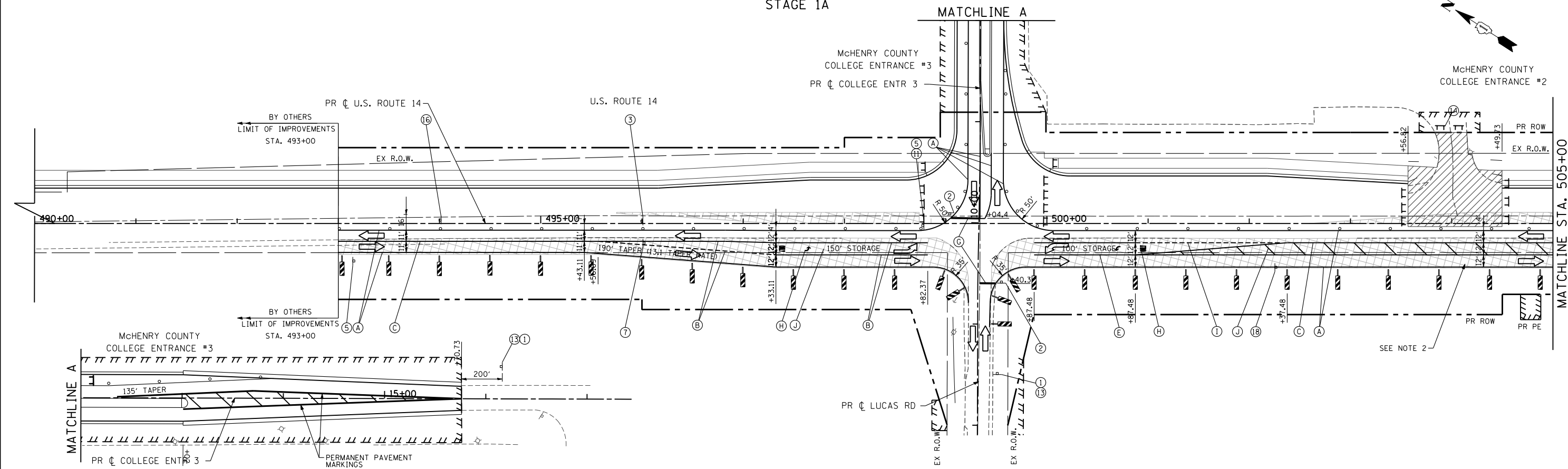
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
IL 176 STAGE 1**

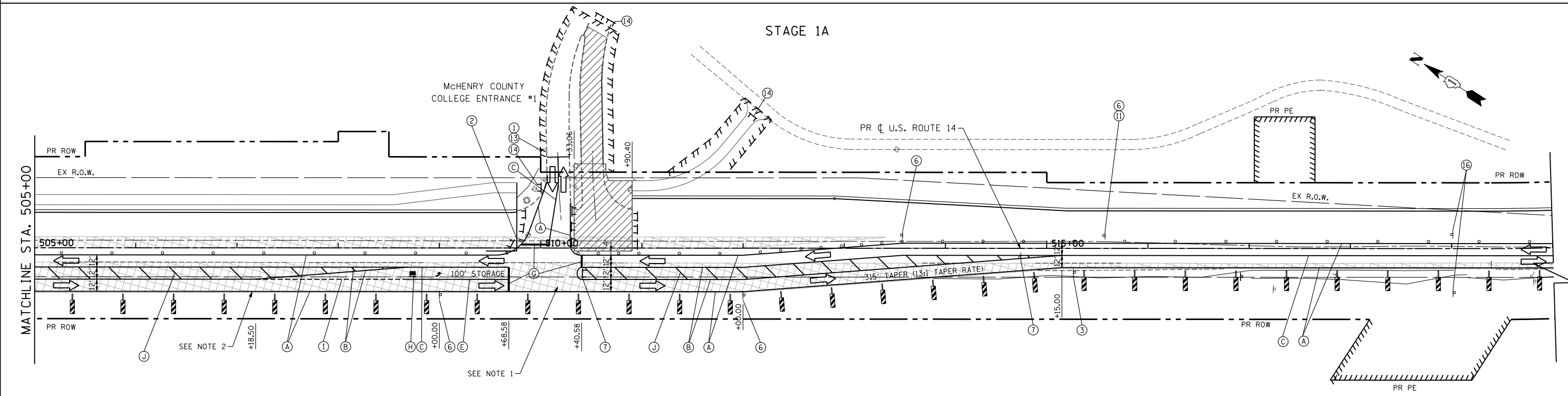
SCALE: 1"=50' SHEET NO. 74 OF 431 SHEETS STA. 587+35.17 TO STA. 611+40.52

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	74
			CONTRACT NO. 62517	
ILLINOIS FED. AID PROJECT				

STAGE 1A

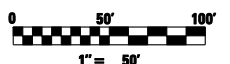


STAGE 1A



NOTES:

- 1. SEE COLLEGE ENTRANCE NO.1 TEMPORARY TRAFFIC SIGNALS SHEET.
- 2. TEMPORARY PAVEMENT BUILT IN PRE-STAGE 1.
- 3. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
- 4. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



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	PLOT DATE = 10/9/2013	DATE - 10/15/2013	REVISED -

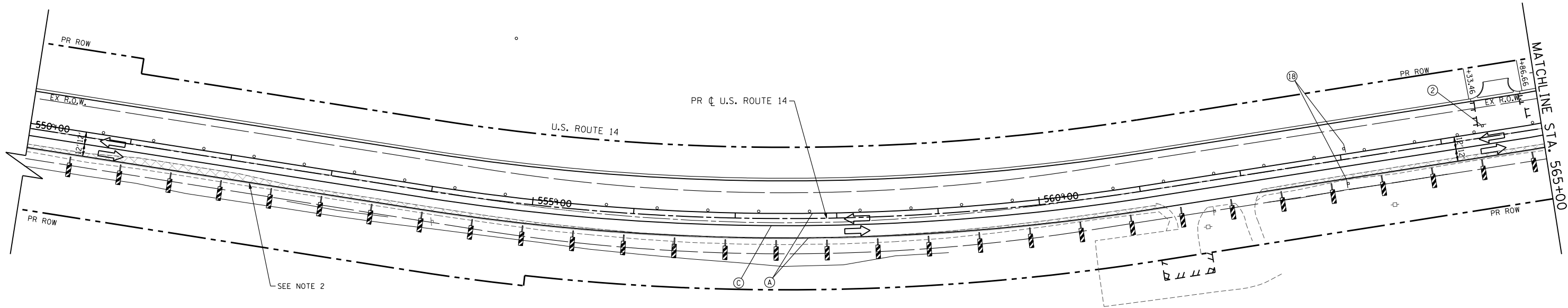
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 STAGE 1A

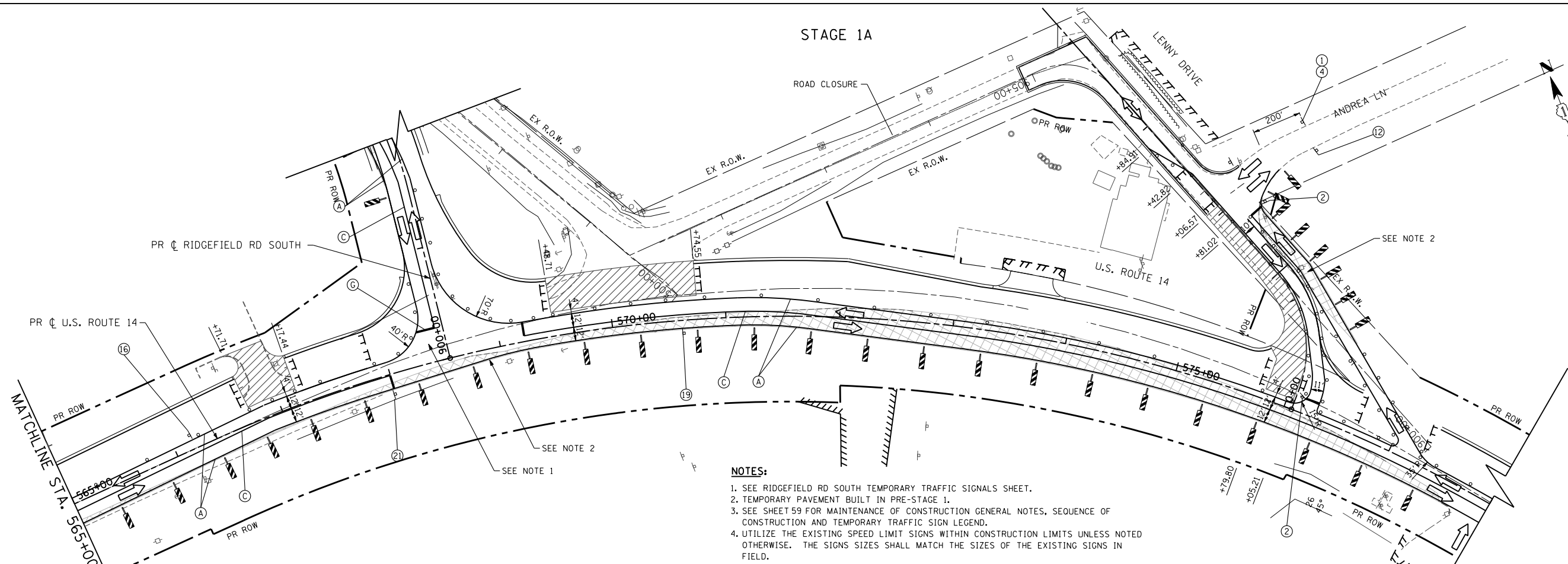
SCALE: 1"=50' SHEET NO. 75 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	75
CONTRACT NO.			62517	
ILLINOIS FED. AID PROJECT				

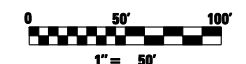
STAGE 1A



STAGE 1A

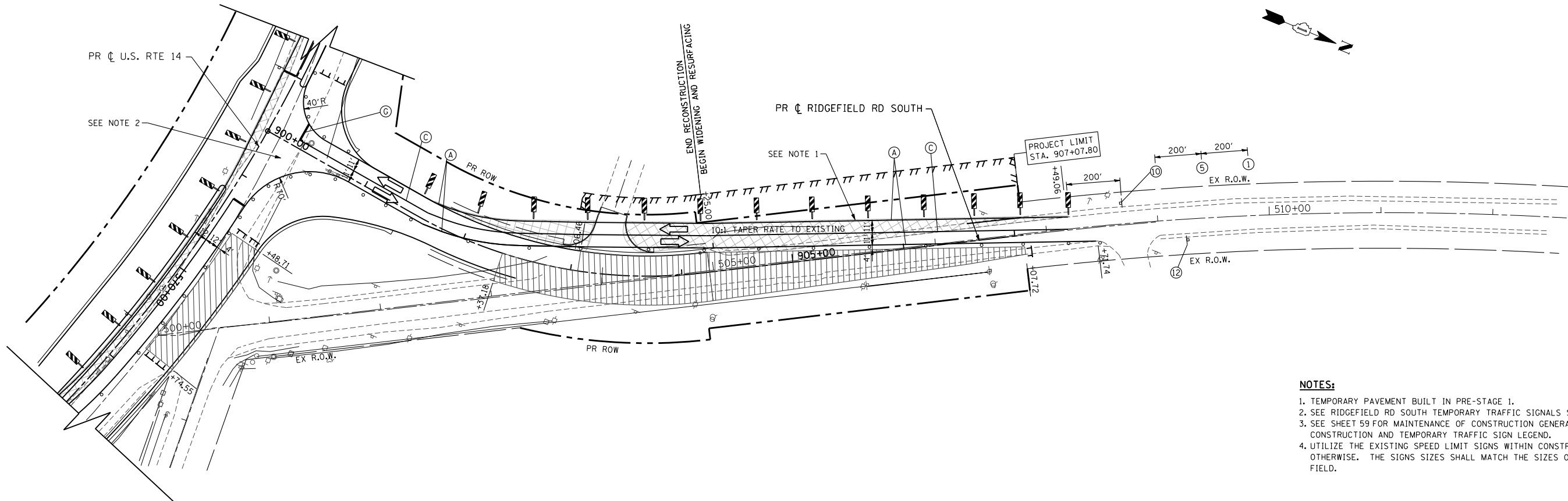


- NOTES:**
1. SEE RIDGEFIELD RD SOUTH TEMPORARY TRAFFIC SIGNALS SHEET.
 2. TEMPORARY PAVEMENT BUILT IN PRE-STAGE 1.
 3. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
 4. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



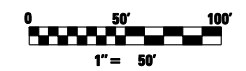
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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	SCALE: 1"=50'			SHEET NO. 76 OF 431 SHEETS	STA. 550+00 TO STA. 578+00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/9/2013	DATE - 10/15/2013	REVISIED -									

STAGE 1A



NOTES:

1. TEMPORARY PAVEMENT BUILT IN PRE-STAGE 1.
2. SEE RIDGEFIELD RD SOUTH TEMPORARY TRAFFIC SIGNALS SHEET.
3. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
4. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



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PLOT DATE = 10/9/2013		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

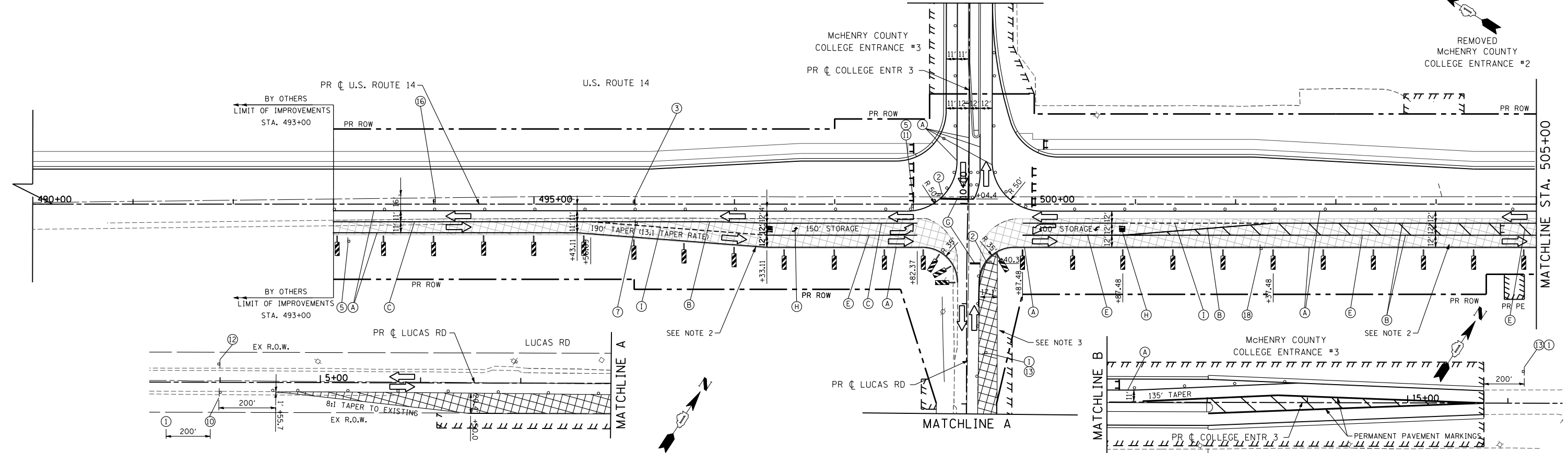
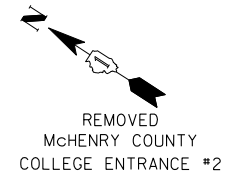
**MAINTENANCE OF TRAFFIC PLAN
RIDGEFIELD RD SOUTH STAGE 1A**

SCALE: 1"=50' SHEET NO. 77 OF 431 SHEETS STA. 900+00.00 TO STA. 907+71.74

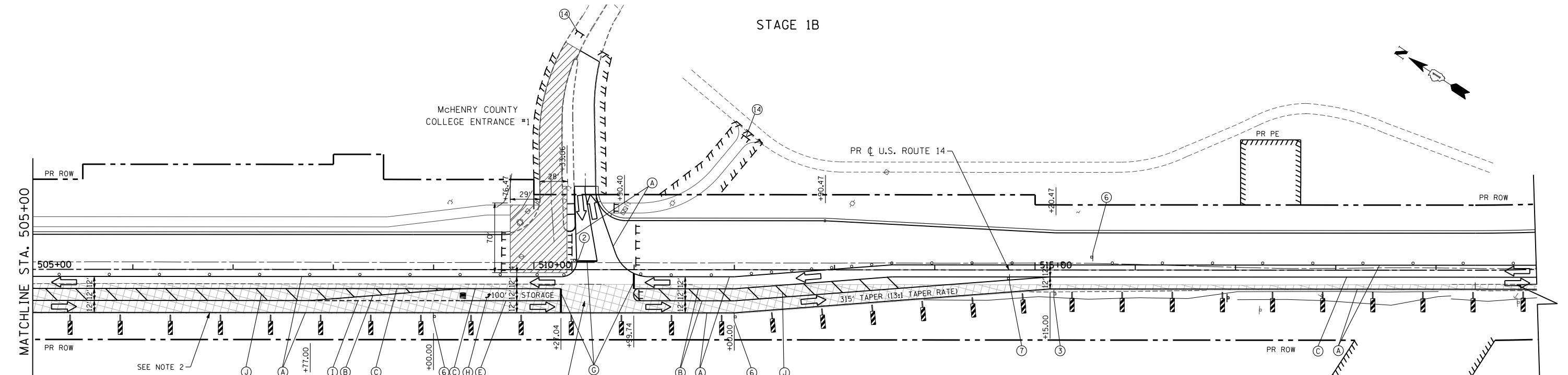
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	77
CONTRACT NO.			62517	
ILLINOIS FED. AID PROJECT				

STAGE 1B

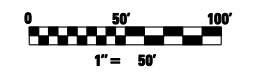
MATCHLINE B



STAGE 1B

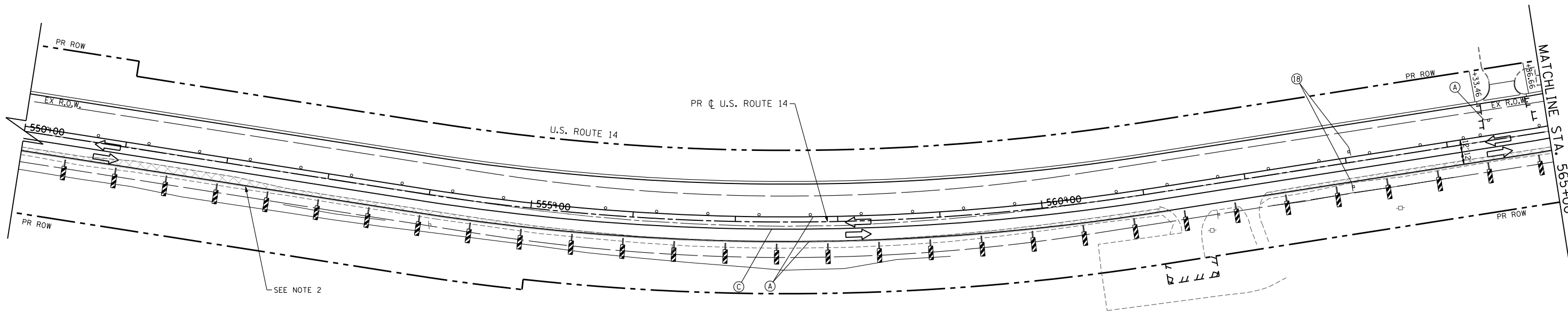


- NOTES:**
1. SEE COLLEGE ENTRANCE NO.1 TEMPORARY TRAFFIC SIGNALS SHEET.
 2. TEMPORARY PAVEMENT BUILT IN PRE-STAGE 1.
 3. TEMPORARY PAVEMENT BUILT FOR STAGE 2.
 4. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
 5. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.

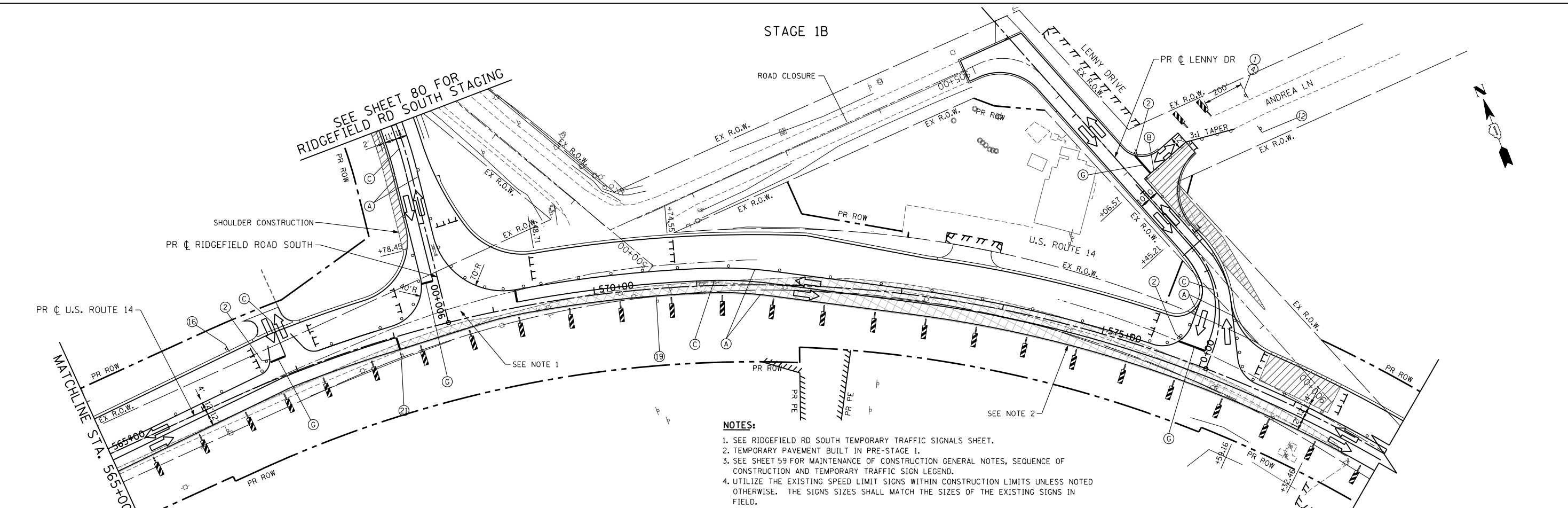


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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	SCALE: 1"=50'			SHEET NO. 78 OF 431 SHEETS	STA. 490+00 TO STA. 520+00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/9/2013	DATE = 10/15/2013	REVISIED -									

STAGE 1B



STAGE 1B



NOTES:

1. SEE RIDGEFIELD RD SOUTH TEMPORARY TRAFFIC SIGNALS SHEET.
2. TEMPORARY PAVEMENT BUILT IN PRE-STAGE 1.
3. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
4. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.

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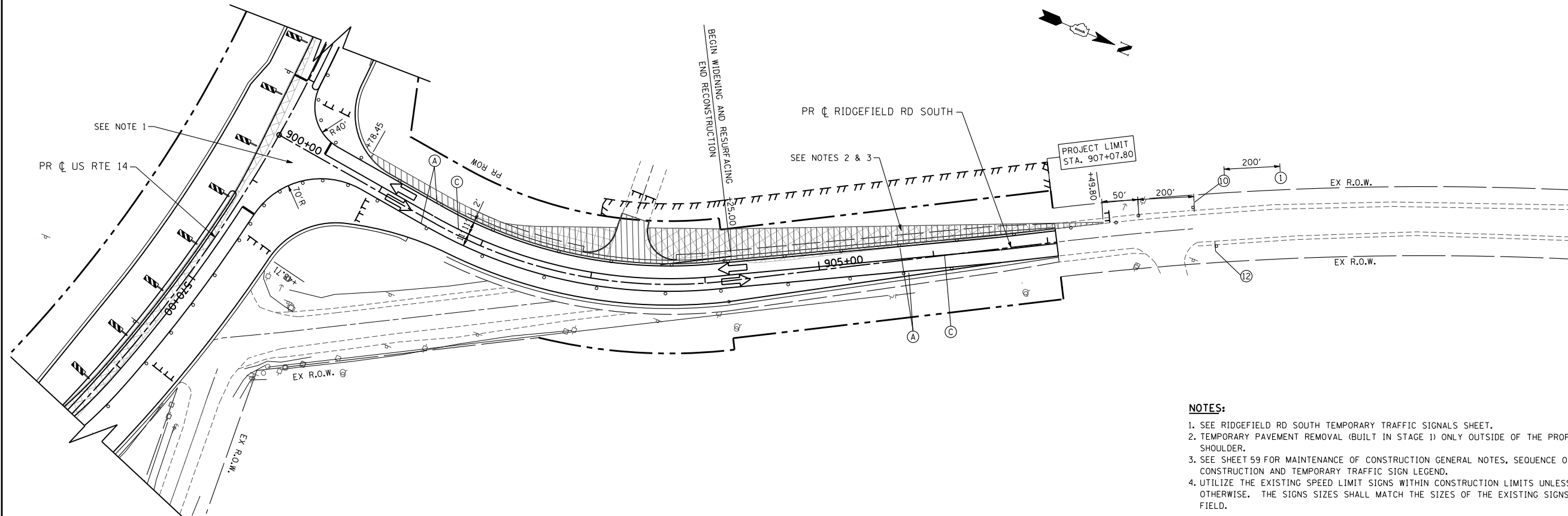
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 STAGE 1B**

SCALE: 1"=50' SHEET NO. 79 OF 431 SHEETS STA. 550+00 TO STA. 578+00

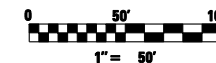
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	79
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 1B



NOTES:

1. SEE RIDGEFIELD RD SOUTH TEMPORARY TRAFFIC SIGNALS SHEET.
2. TEMPORARY PAVEMENT REMOVAL (BUILT IN STAGE 1) ONLY OUTSIDE OF THE PROPOSED HMA SHOULDER.
3. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
4. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



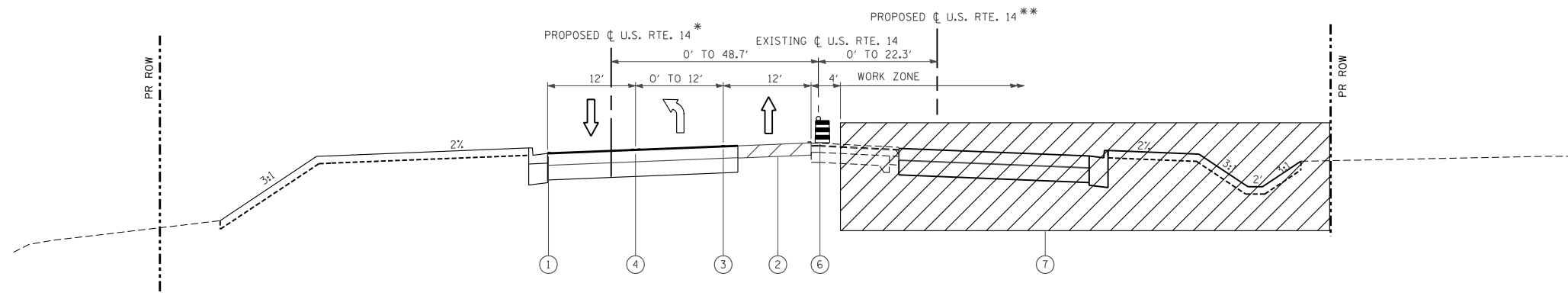
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
RIDGEFIELD RD SOUTH STAGE 1B**

SCALE: 1"=50' SHEET NO. 80 OF 431 SHEETS STA. 900+00.00 TO STA. 907+49.80

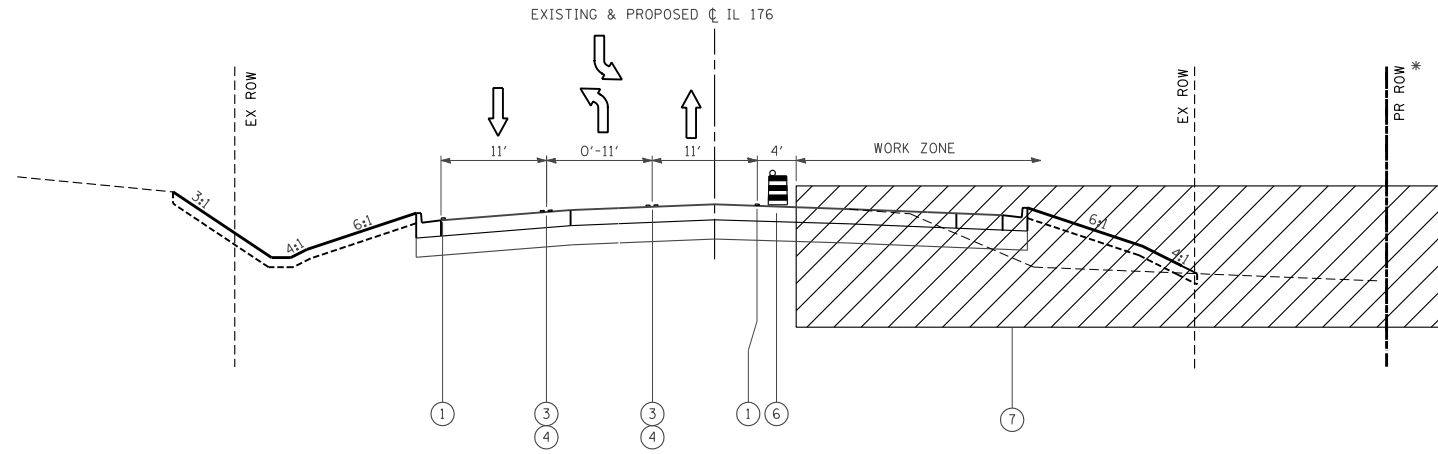
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	80
CONTRACT NO.			62517	
ILLINOIS FED. AID PROJECT				



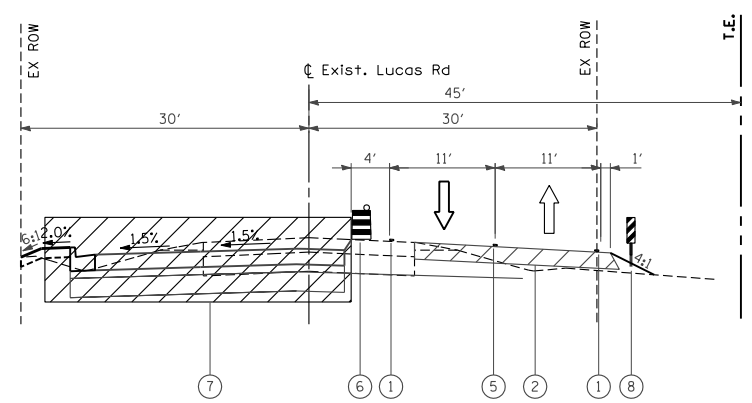
STAGE 2
 MAINTENANCE OF TRAFFIC: U.S. ROUTE 14
 STA. 493+00 TO STA. 601+10

- LEGEND**
- ① WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (WHITE)
 - ② TEMPORARY PAVEMENT
 - ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH (WHITE)
 - ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (DOUBLE YELLOW)
 - ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (YELLOW)
 - ⑥ DRUM WITH STEADY BURNING LIGHT
 - ⑦ WORK ZONE
 - ⑧ VERTICAL PANEL
 - ⑨ TOPSOIL EXCAVATION AND PLACEMENT (6")
 - ⑩ TEMPORARY EROSION CONTROL SEEDING
 - ⑪ TRAFFIC DIRECTION
 - ⑫ SEEDING, CLASS 2A
 - ⑬ SODDING, SALT TOLERANT

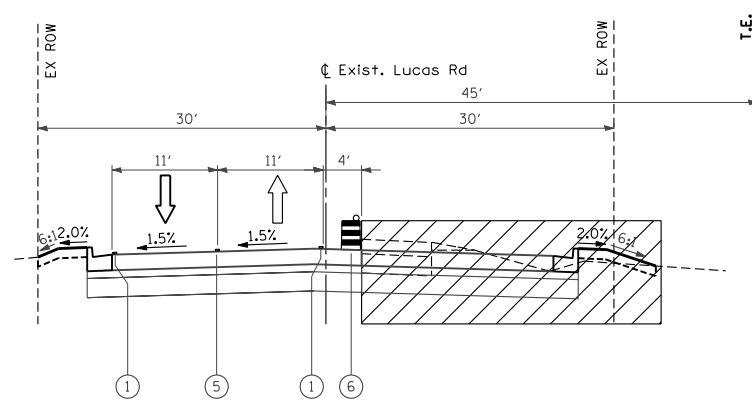
* FROM STA. 520+16.26 TO STA. 533+50.44
 ** FROM STA. 554+42.21 TO STA. 560+51.51



STAGE 2
 MAINTENANCE OF TRAFFIC: IL ROUTE 176
 STA. 590+23.80 TO 608+50.50



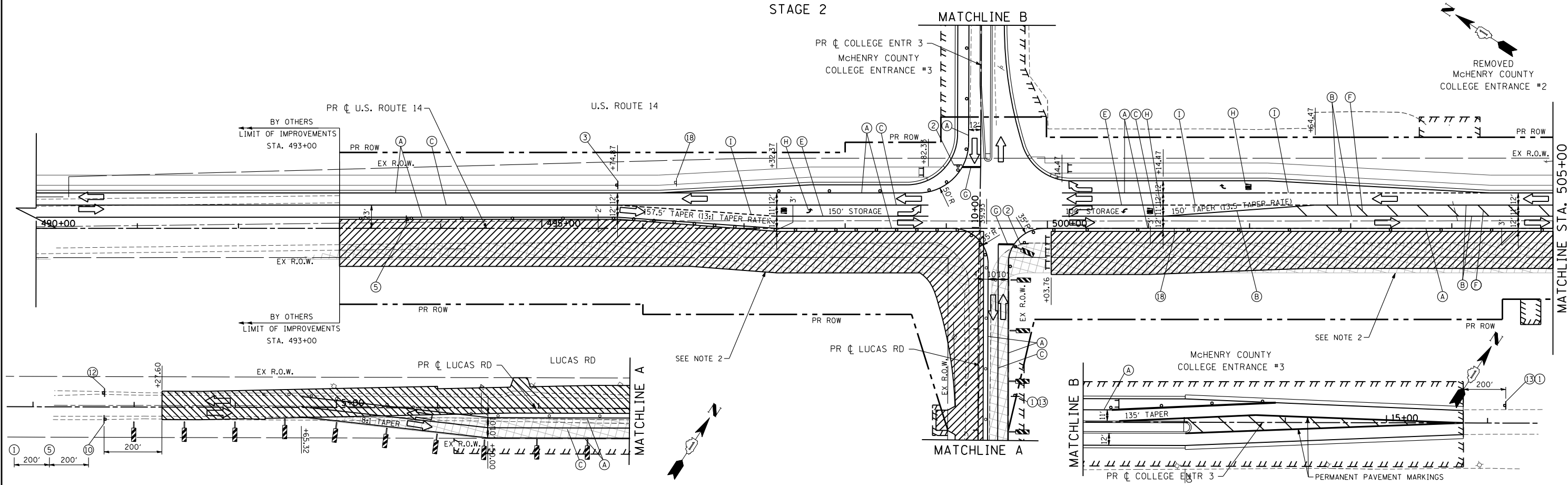
STAGE 2
 MAINTENANCE OF TRAFFIC: LUCAS RD
 STA. 3+27.60 TO 9+38.08



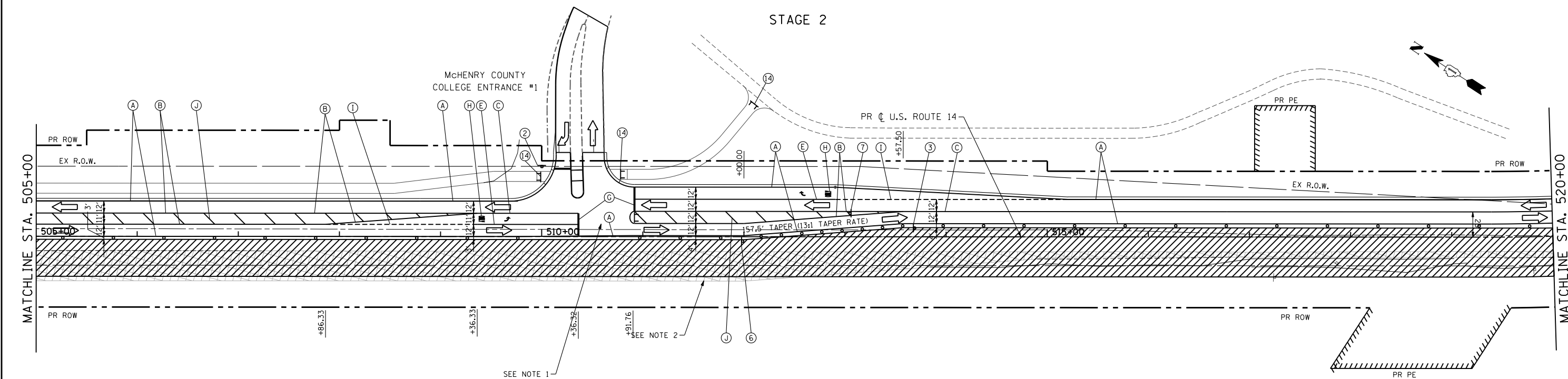
STAGE 2A
 MAINTENANCE OF TRAFFIC: LUCAS RD
 STA. 3+27.60 TO 9+38.08

FILE NAME = S:\1606\CADD Sheets\0162517-sht-typical-MOT.dgn	USER NAME = _USERNAME_	DESIGNED - JW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTIONS STAGE 2			F.A. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 81
PLOT SCALE = 20.00000' / IN.	CHECKED - MGZ	REVISIED -	REVISIED -		SCALE: NTS	SHEET NO. 81 OF 431 SHEETS	STA.	TO STA.	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/9/2013	DATE - 10/15/2013	REVISIED -	REVISIED -									

STAGE 2

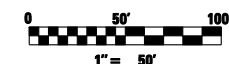


STAGE 2



NOTES:

- 1. SEE COLLEGE ENTRANCE NO.1 TEMPORARY TRAFFIC SIGNALS SHEET.
- 2. TEMPORARY PAVEMENT REMOVAL (BUILT IN PRE-STAGE 1).
- 3. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
- 4. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



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		DRAWN - JPW	REVISED -
		CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

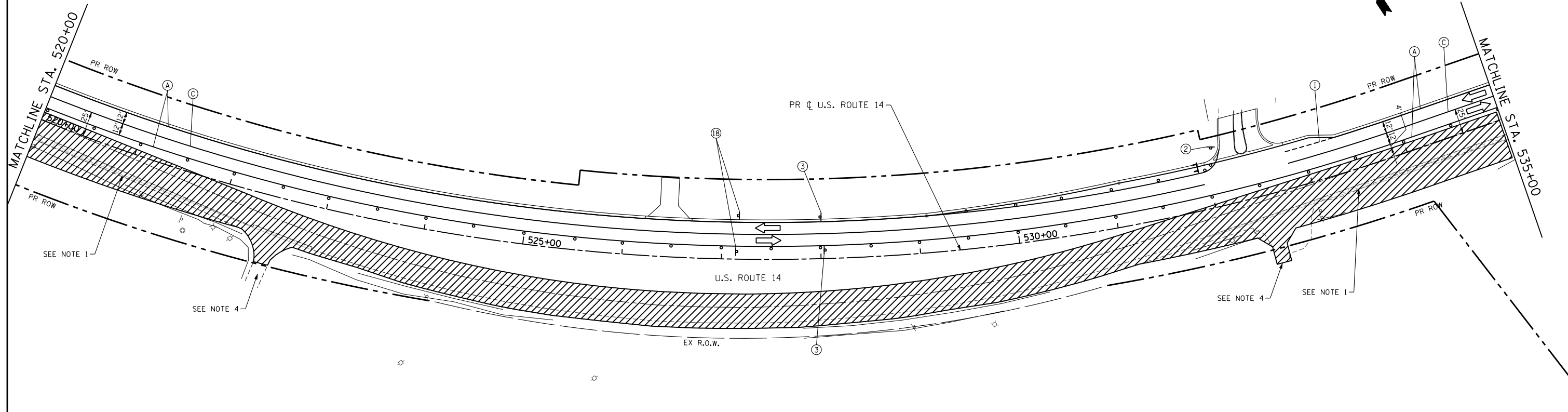
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 - STAGE 2**

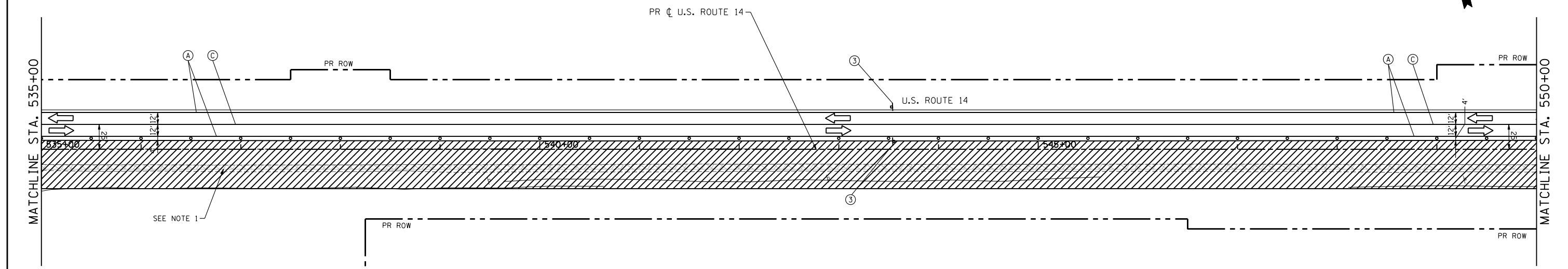
SCALE: 1"=50' SHEET NO. 82 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	82
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 2

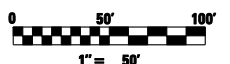


STAGE 2



NOTES:

1. TEMPORARY PAVEMENT REMOVAL (BUILT IN PRE-STAGE 1).
2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
4. MAINTAIN ACCESS DURING CONSTRUCTION.



FILE NAME =	USER NAME = .USERNAME.	DESIGNED - JPW	REVISED -
si:\1606\cadd sheets\162517-sht-staging2.dgn		DRAWN - JPW	REVISED -
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PLOT DATE = 10/9/2013		DATE - 10/15/2013	REVISED -

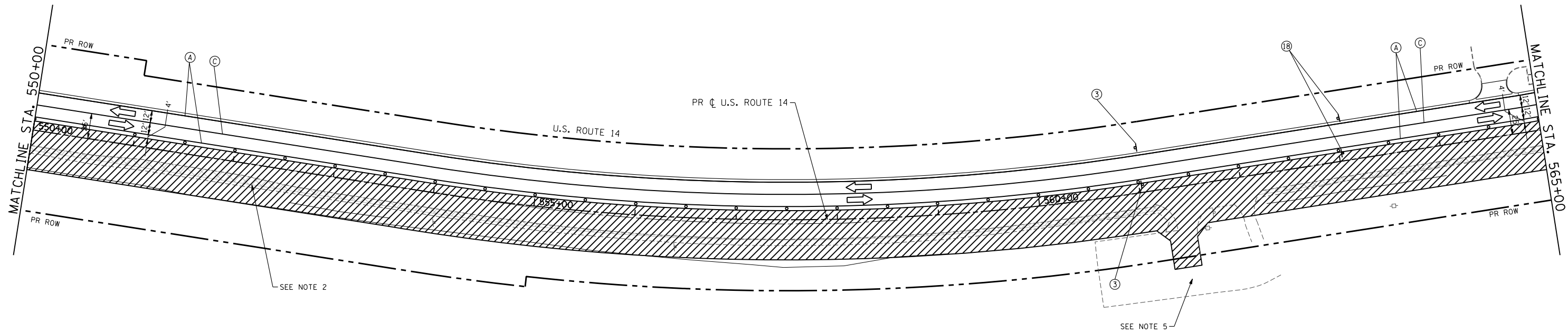
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 - STAGE 2**

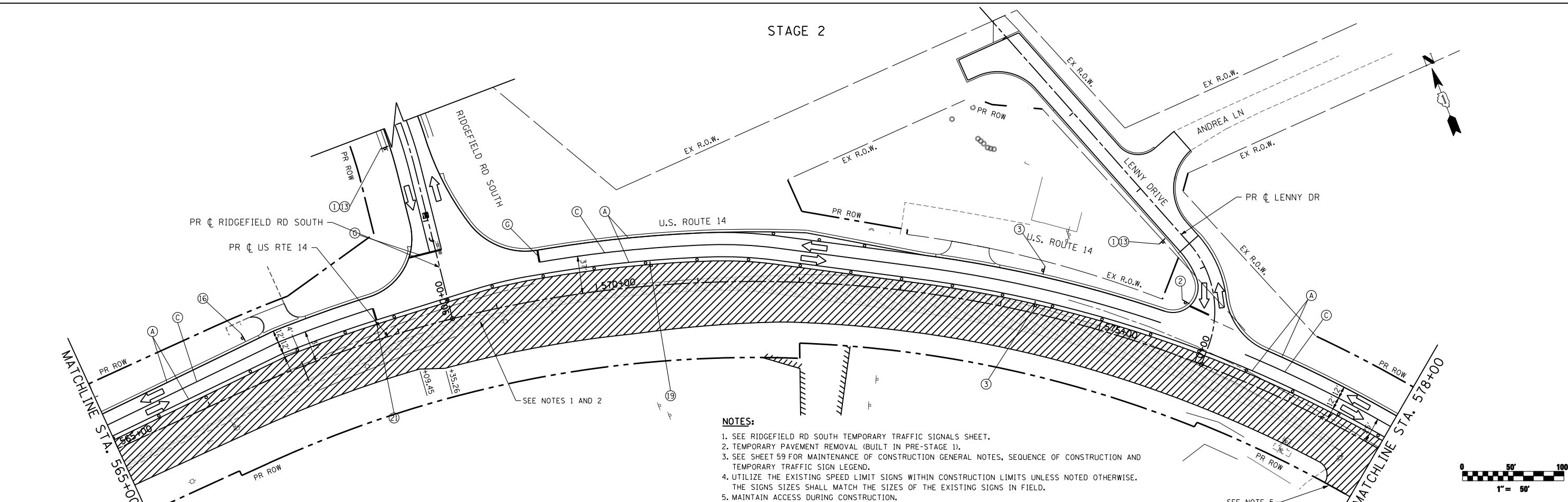
SCALE: 1"=50' SHEET NO. 83 OF 431 SHEETS STA. 520+00 TO STA. 550+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	83
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 2

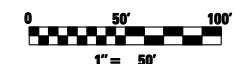


STAGE 2



NOTES:

1. SEE RIDGEFIELD RD SOUTH TEMPORARY TRAFFIC SIGNALS SHEET.
2. TEMPORARY PAVEMENT REMOVAL (BUILT IN PRE-STAGE 1).
3. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
4. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
5. MAINTAIN ACCESS DURING CONSTRUCTION.



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	PLOT DATE = 10/9/2013	DATE - 10/15/2013	REVISED -

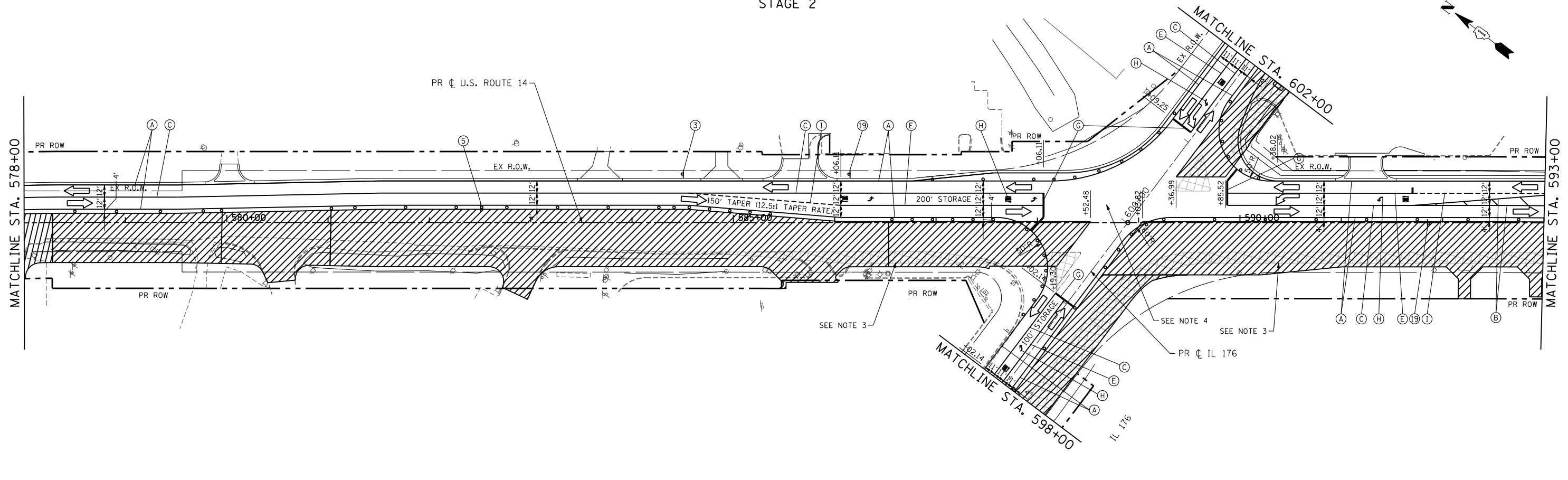
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 - STAGE 2**

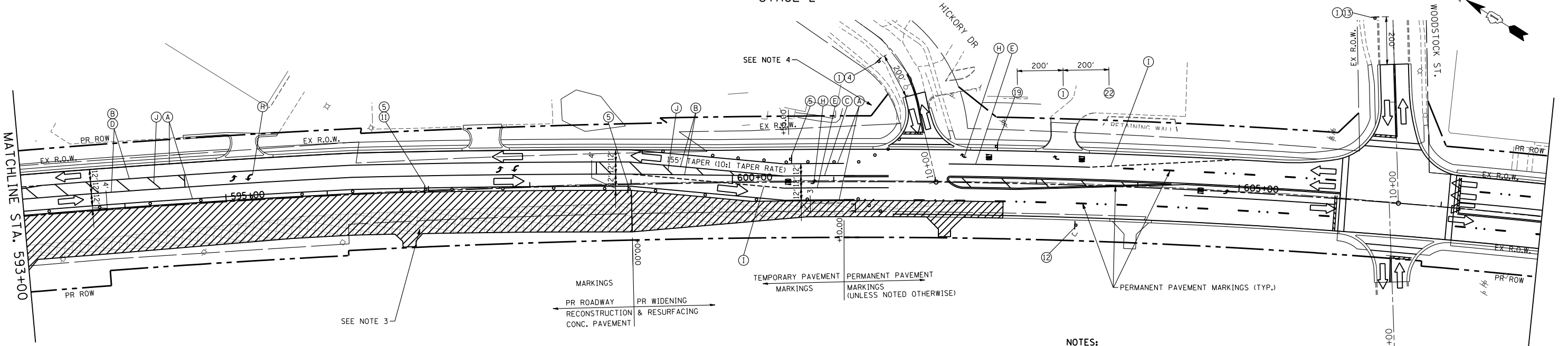
SCALE: 1"=50' SHEET NO. 84 OF 431 SHEETS STA. 550+00 TO STA. 578+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	84
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 2

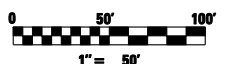


STAGE 2



MARKINGS
 PR ROADWAY RECONSTRUCTION & RESURFACING CONC. PAVEMENT
 PR WIDENING & RESURFACING
 TEMPORARY PAVEMENT MARKINGS
 PERMANENT PAVEMENT MARKINGS (UNLESS NOTED OTHERWISE)
 PERMANENT PAVEMENT MARKINGS (TYP.)

- NOTES:**
1. SEE IL 176 AND WOODSTOCK ST. TEMPORARY TRAFFIC SIGNALS SHEETS.
 2. MAINTAIN ACCESS TO ALL DRIVEWAYS AND SIDE STREETS DURING CONSTRUCTION.
 3. TEMPORARY PAVEMENT REMOVAL (BUILT IN PRE-STAGE 1).
 4. PROVIDE MINIMUM 50' TURNING RADII WHEN STAGING US RTE 14/IL 176 INTERSECTION RECONSTRUCTION.
 5. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
 6. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



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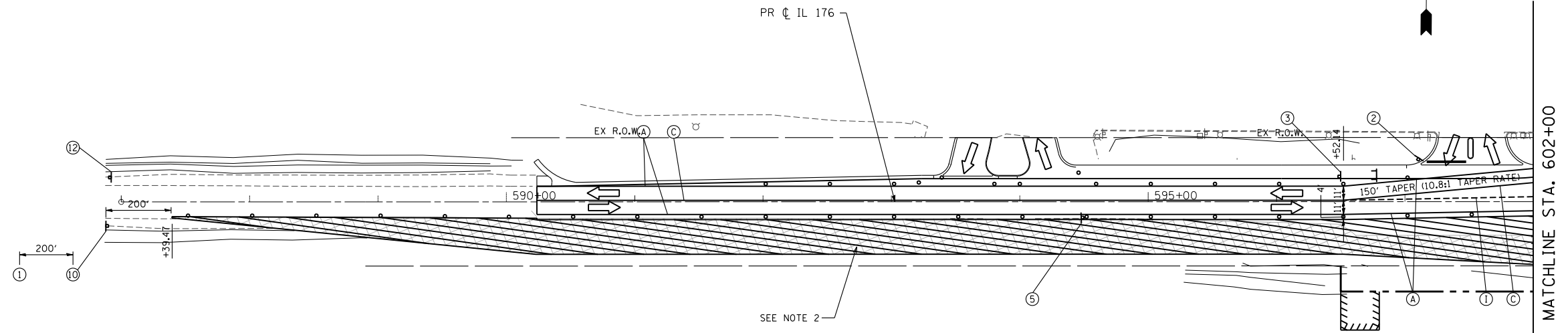
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
 US ROUTE 14 - STAGE 2**

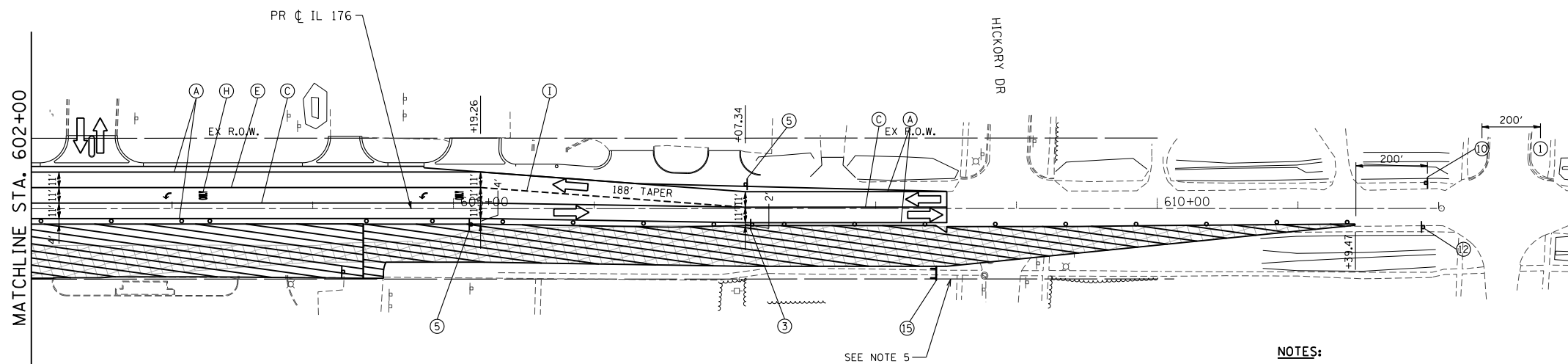
SCALE: 1"=50' SHEET NO. 85 OF 431 SHEETS STA. 578+00 TO STA. 608+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	85
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 2

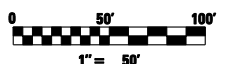


STAGE 2



NOTES:

1. SEE IL 176 AND US RTE 14 INTERSECTION TEMPORARY TRAFFIC SIGNALS SHEET.
2. TEMPORARY PAVEMENT REMOVAL (BUILT IN PRE-STAGE 1) ONLY OUTSIDE OF THE PROPOSED HMA SHOULDER. TEMPORARY PAVEMENT SHOULD REMAIN AS HMA SHOULDER WHEREVER IT'S POSSIBLE.
3. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
4. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.
5. PEDESTRIAN TRAFFIC WILL BE DETOURED ON IL 176 WEST OF HICKORY DR AND ON US 14 NORTH OF HICKORY DRIVE. PEDESTRIAN TRAFFIC WILL BE DIRECTED TO USE HICKORY DR SIDEWALK DURING STAGES 1 THRU 2 (UTILIZE STANDARD 701801-05).
6. MAINTAIN ACCESS TO ALL DRIVEWAYS AND SIDE STREETS DURING CONSTRUCTION.



FILE NAME = s:\1606\cadd sheets\162517-sht-staging2.dgn	USER NAME = _USERNAME_	DESIGNED - JPW	REVISED -
		DRAWN - JPW	REVISED -
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	PLOT DATE = 10/9/2013	DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
IL 176 - STAGE 2**

SCALE: 1"=50' SHEET NO. 86 OF 431 SHEETS STA. 587+39.47 TO STA. 611+40.62

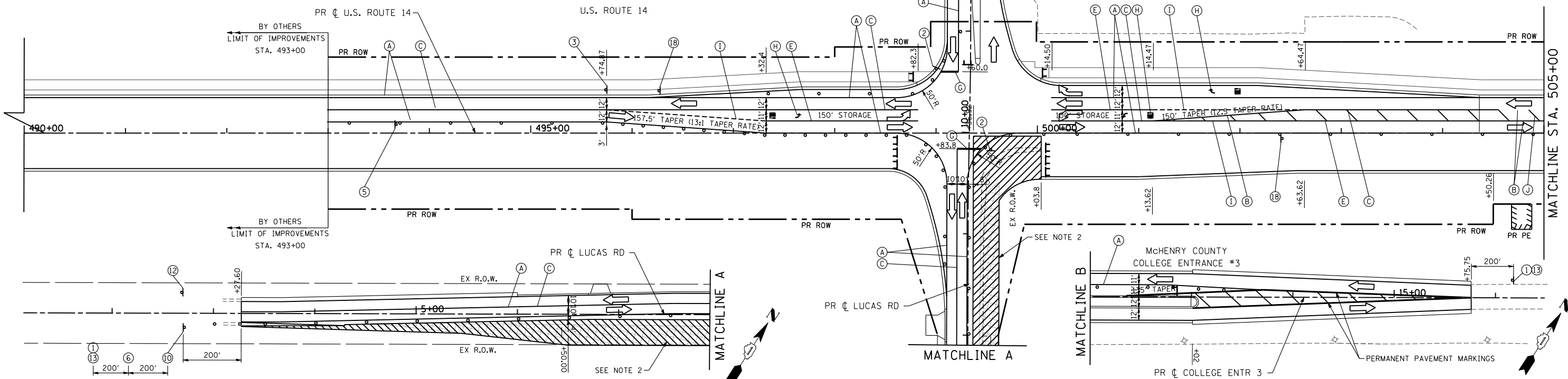
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	86
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 2A

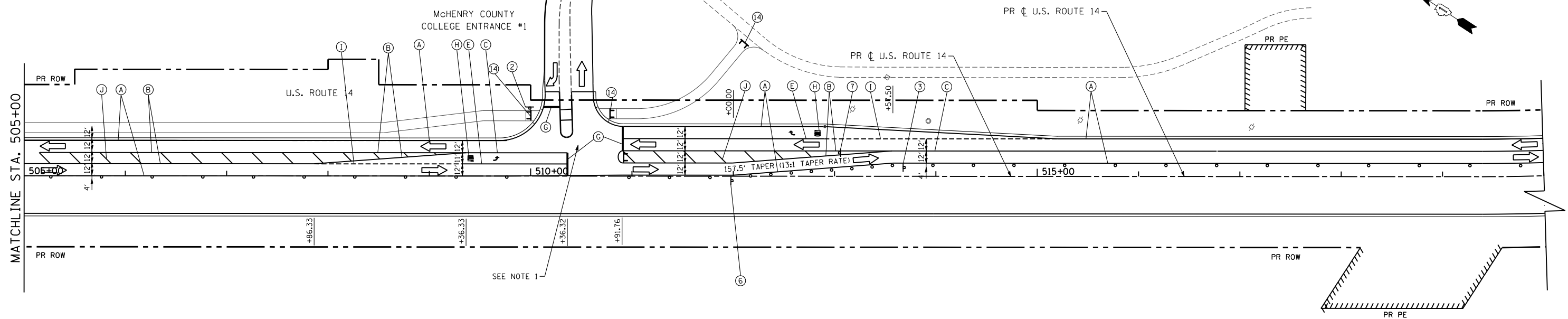
MATCHLINE B

PR C COLLEGE ENTR 3
MCHENRY COUNTY
COLLEGE ENTRANCE #3

MCHENRY COUNTY
COLLEGE ENTRANCE #2

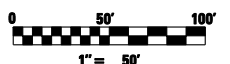


STAGE 2A



NOTES:

1. SEE COLLEGE ENTRANCE NO.1 TEMPORARY TRAFFIC SIGNALS SHEET.
2. TEMPORARY PAVEMENT REMOVAL (BUILT IN STAGE 1B).
3. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
4. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



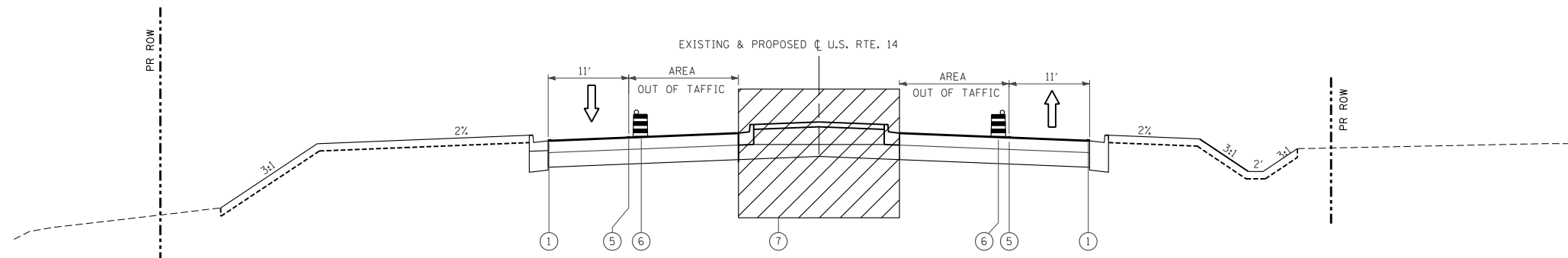
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PLOT DATE = 10/9/2013		DATE - 10/15/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 - STAGE 2A

SCALE: 1"=50' SHEET NO. 87 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	87
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	



STAGE 3
 MAINTENANCE OF TRAFFIC: U.S. ROUTE 14
 STA. 493+00 TO STA. 599+00

- LEGEND**
- ① WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (WHITE)
 - ② TEMPORARY PAVEMENT
 - ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH (WHITE)
 - ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (DOUBLE YELLOW)
 - ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH (YELLOW)
 - ⑥ DRUM WITH STEADY BURNING LIGHT
 - ⑦ WORK ZONE
 - ⑧ VERTICAL PANEL
 - ⑨ TOPSOIL EXCAVATION AND PLACEMENT (6")
 - ⑩ TEMPORARY EROSION CONTROL SEEDING
 - ⑪ TRAFFIC DIRECTION
 - ⑫ SEEDING, CLASS 2A
 - ⑬ SODDING, SALT TOLERANT

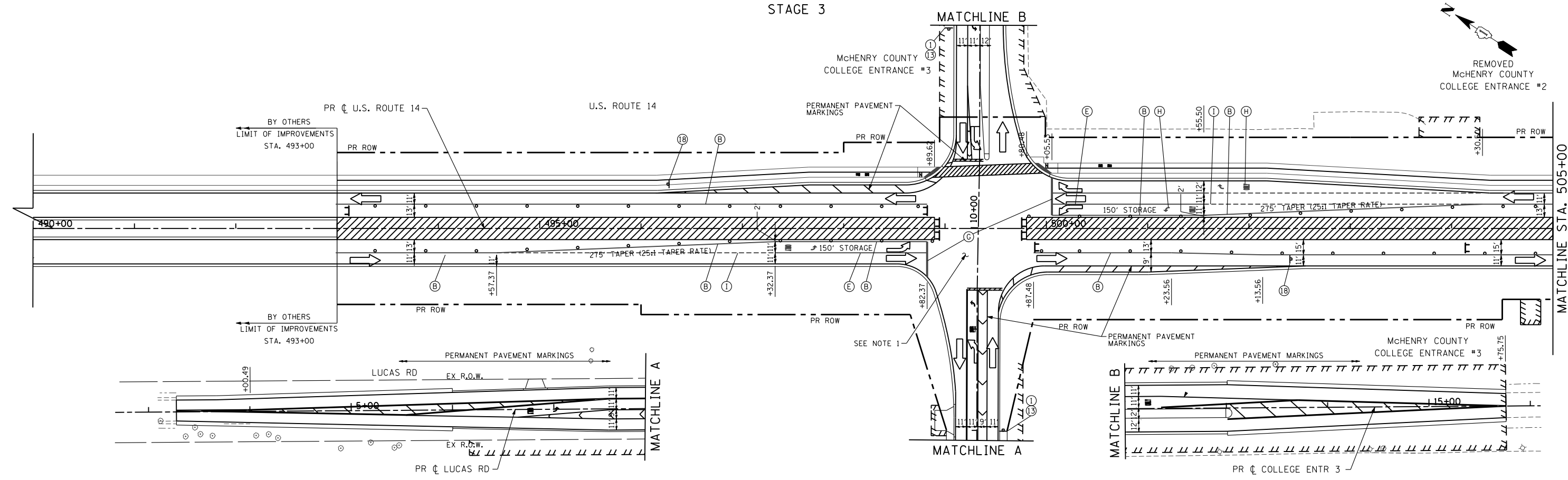
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PLOT DATE = 10/9/2013		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

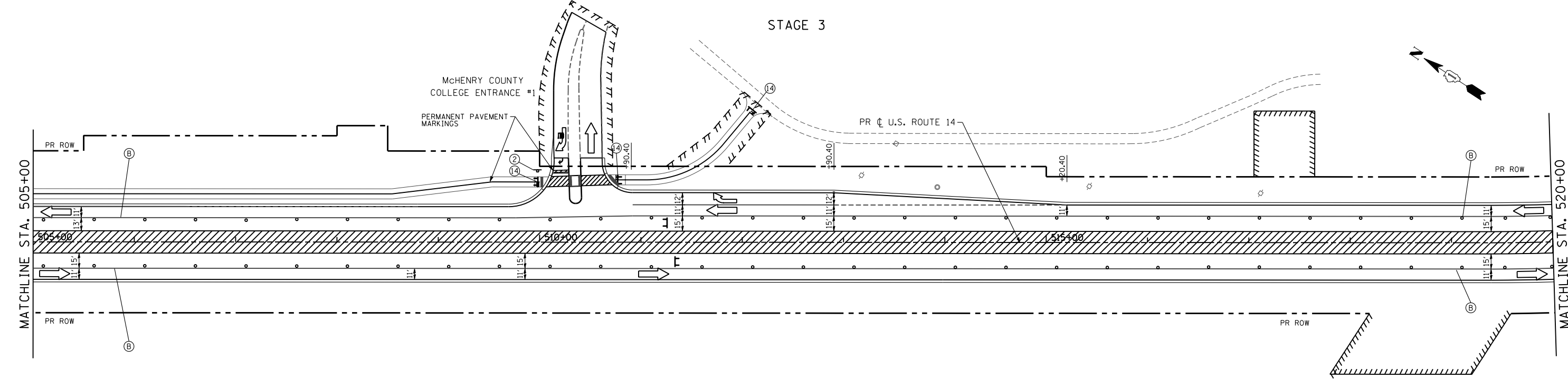
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS STAGE 3	
SCALE: NTS	SHEET NO. 88 OF 431 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	88
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

STAGE 3

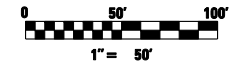


STAGE 3



NOTES:

1. TRAFFIC SIGNAL AT COLLEGE ENTRANCE NO. 3 MUST BE OPERATIONAL PRIOR TO STAGE 3.
2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



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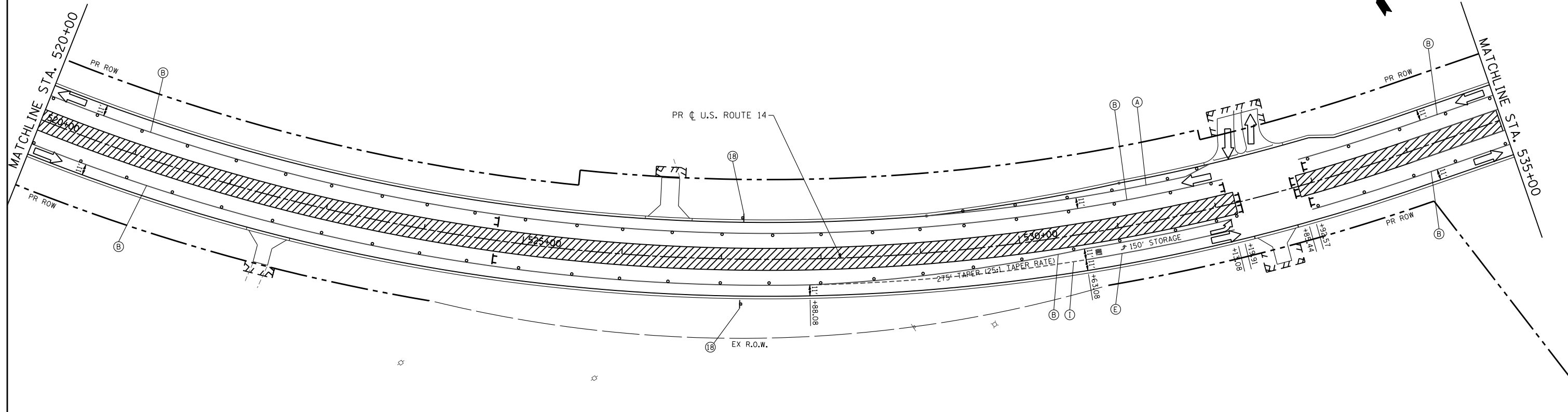
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 - STAGE 3

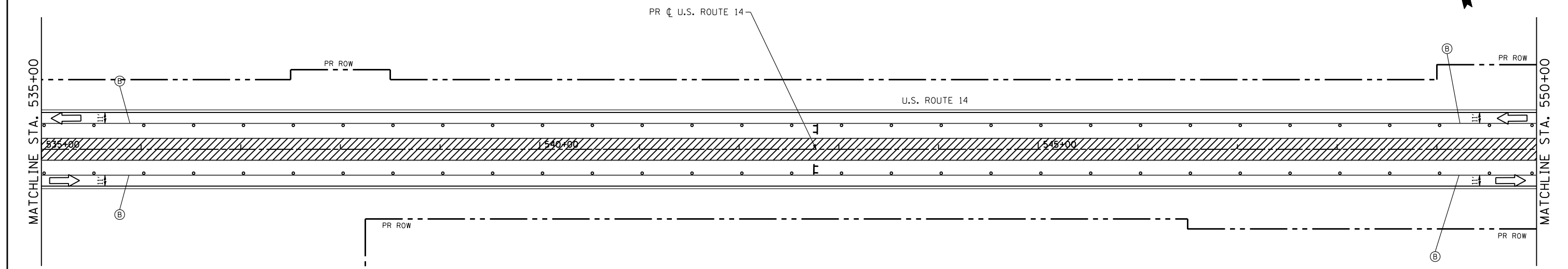
SCALE: 1"=50' SHEET NO. 89 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	89
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 3



STAGE 3



- NOTES:**
- SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
 - UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



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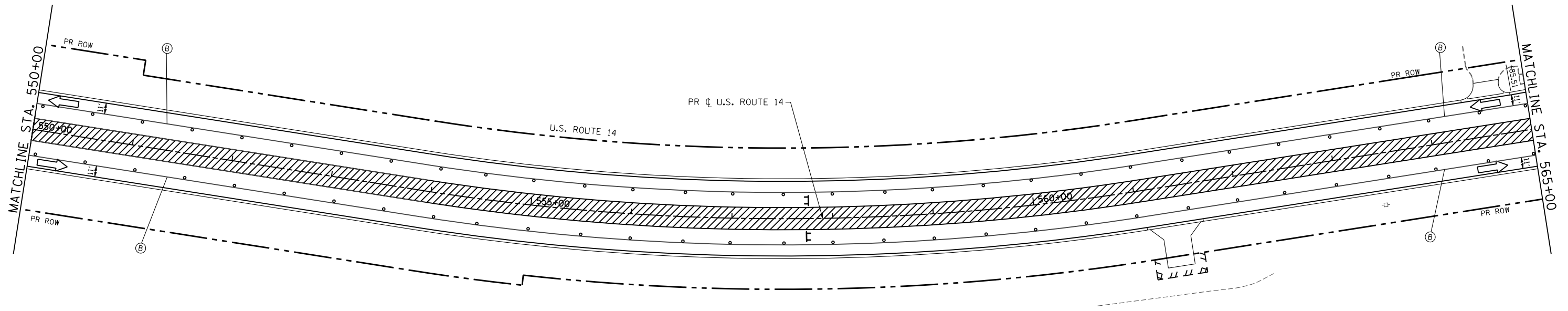
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 - STAGE 3**

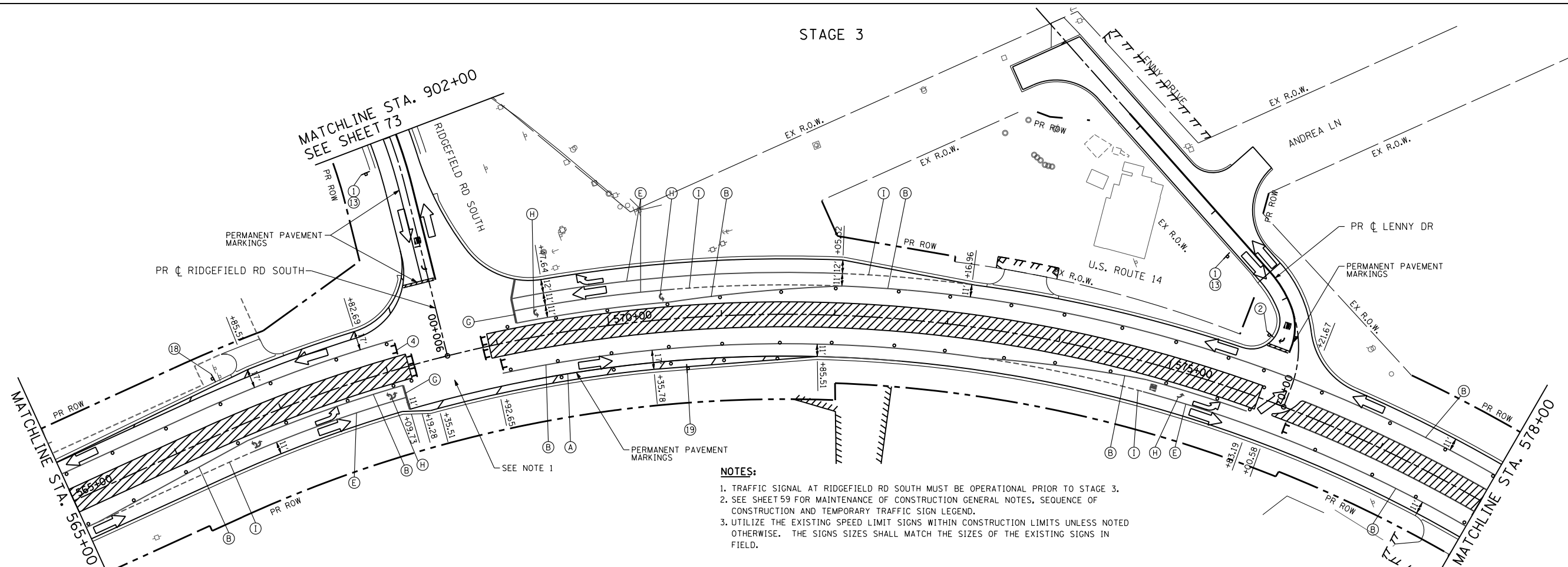
SCALE: 1"=50' SHEET NO. 90 OF 431 SHEETS STA. 520+00 TO STA. 550+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	90
			CONTRACT NO.	62517
ILLINOIS FED. AID PROJECT				

STAGE 3



STAGE 3

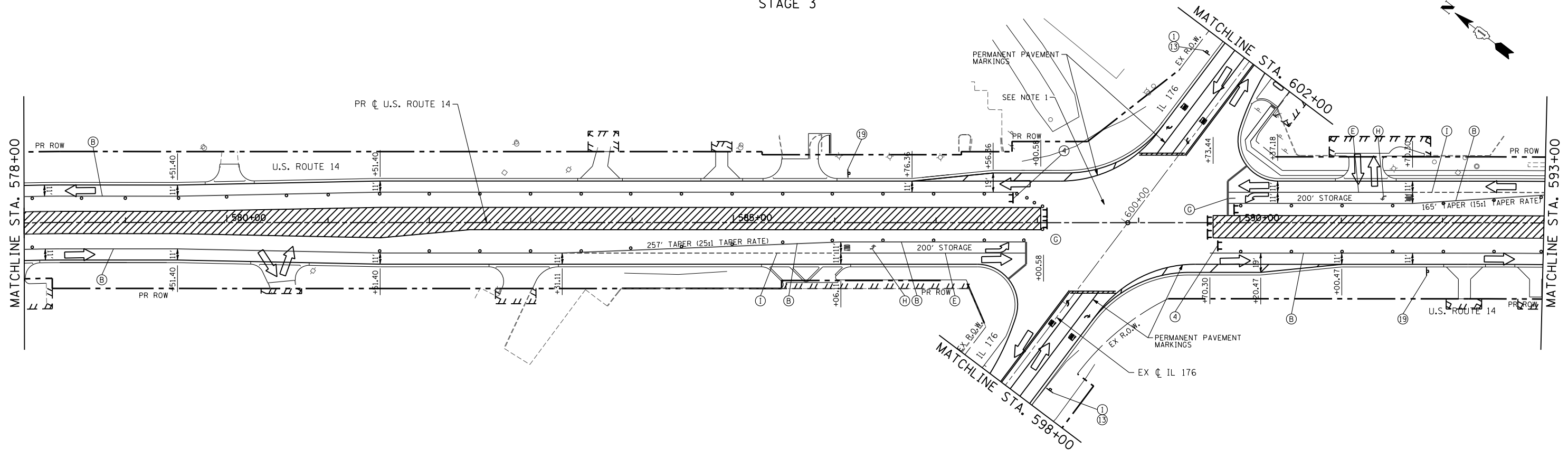


- NOTES:**
1. TRAFFIC SIGNAL AT RIDGEFIELD RD SOUTH MUST BE OPERATIONAL PRIOR TO STAGE 3.
 2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
 3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.

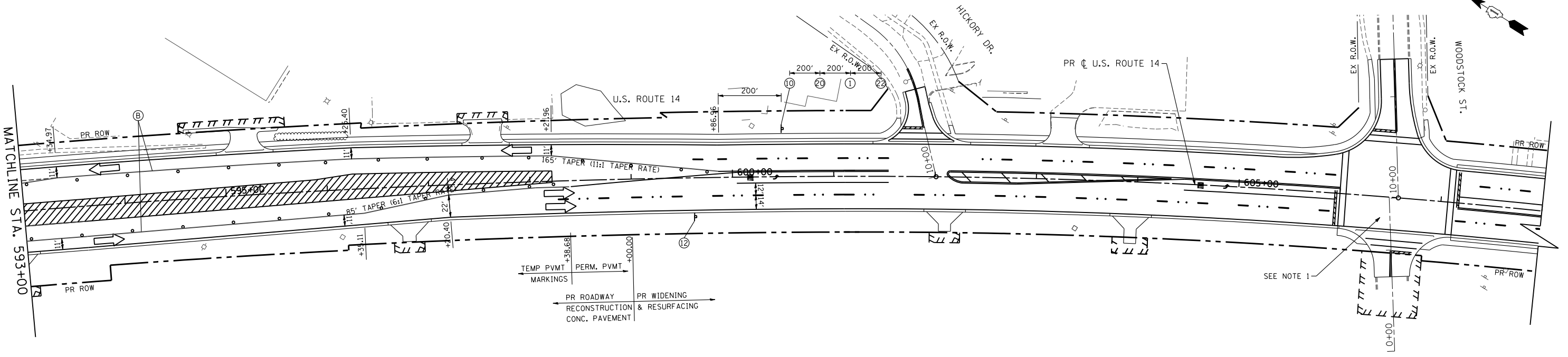


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PLOT SCALE = 100.0000' / IN.		CHECKED - MGZ	REVISED -		SCALE: 1"=50'	SHEET NO. 91 OF 431 SHEETS	STA. 550+00 TO STA. 578+00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT		
PLOT DATE = 10/9/2013		DATE - 10/15/2013	REVISED -									

STAGE 3



STAGE 3



NOTES:

1. SEE IL 176 AND WOODSTOCK ST. TEMPORARY TRAFFIC SIGNALS SHEETS.
2. SEE SHEET 59 FOR MAINTENANCE OF CONSTRUCTION GENERAL NOTES, SEQUENCE OF CONSTRUCTION AND TEMPORARY TRAFFIC SIGN LEGEND.
3. UTILIZE THE EXISTING SPEED LIMIT SIGNS WITHIN CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE. THE SIGNS SIZES SHALL MATCH THE SIZES OF THE EXISTING SIGNS IN FIELD.



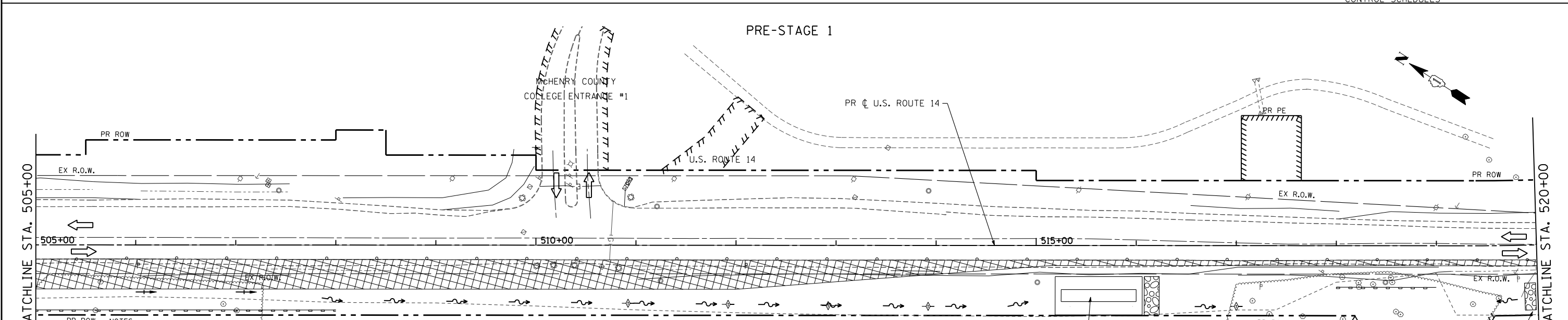
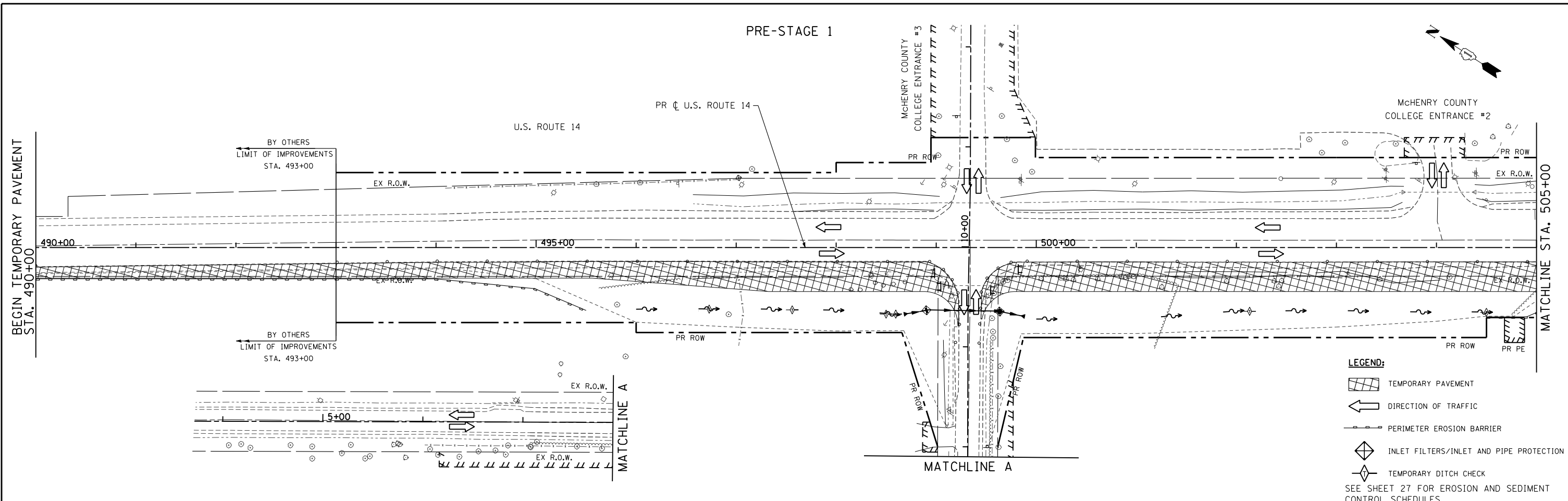
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		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
US ROUTE 14 - STAGE 3**

SCALE: 1"=50' SHEET NO. 92 OF 431 SHEETS STA. 578+00 TO STA. 608+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	92
			CONTRACT NO. 62517	
ILLINOIS FED. AID PROJECT				



- NOTES:
1. PLACE PERIMETER EROSION BARRIER PRIOR TO ANY EARTH DISTURBING OR GRADING ACTIVITIES.
 2. EXCAVATE THE PROPOSED DITCHES AND STABILIZE WITH PERMANENT LANDSCAPING MEASURES (SEEDING AND EROSION CONTROL BLANKET OR SOD-SEE LANDSCAPING PLANS) AS SOON AS POSSIBLE. PLACE TEMPORARY DITCH CHECKS AT THE LOCATIONS SHOWN ON THE PLANS. AREAS THAT ARE TO BE DISTURBED DURING A LATER STAGE ARE TO BE TEMPORARILY SEEDED WITH MULCH STABILIZATION (METHOD 2).
 3. TEMPORARILY SEED AND MULCH TEMPORARY SLOPE AREAS GRADED AS A RESULT OF TEMPORARY PAVEMENT PLACEMENT IN PRE-STAGE 1.
 4. INSTALL INLET FILTERS IN ALL PROPOSED OPEN LID INLETS AND CATCH BASINS AND IN EXISTING OPEN LID DRAINAGE STRUCTURES THAT WILL RECEIVE SEDIMENT LADEN DISCHARGE AT THE DIRECTION OF THE ENGINEER (WITHIN PAVEMENT AREAS). INSTALL INLET AND PIPE PROTECTION (SILT FENCE WITH CROSS BRACING) AT OPEN LID DRAINAGE STRUCTURES LOCATED IN DITCHES AND SWALES AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
 5. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ERODABLE AREAS EARTH AREAS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AT THE DIRECTION OF THE ENGINEER.

TEMPORARY SEDIMENT TRAP TABLE 516+00 RT

DESIGN ELEMENTS	VALUES
DRAINAGE AREA	X (ACRES) 1.96
SEDIMENT TRAP STORAGE CAPACITY	V (CU. YD.) 216
WET DETENTION STORAGE	1/2V (CU. YD.) 108
DRY DETENTION STORAGE	1/2V (CU. YD.) 108
SEDIMENT TRAP LENGTH	A (FEET) 75.0
SEDIMENT TRAP WIDTH	B (FEET) 12.0
STONE OUTLET STRUCTURE HEIGHT	C (FEET) 2.25
STONE OUTLET STRUCTURE TOP WIDTH	D (FEET) 5.0
WEIR LENGTH	E (FEET) 6.0
WEIR TOP WIDTH	F (FEET) 6.0
WEIR SIDE SLOPE THICKNESS	G (FEET) 1.75
WEIR SLOPE HEIGHT	H (FEET) 2.3
WEIR DEPTH	I (FEET) 0.5
WEIR BASE WIDTH	J (FEET) 3.0
RIPRAP	GRADATION RR-4
AGGREGATE	GRADATION CA-2
STONE AGGREGATE THICKNESS	K (FEET) 1.0

TEMPORARY SEDIMENT TRAP
 SPILLWAY ELEV. 917.74
 TOP OF TRAP ELEV. 916.74
 LEVEL BOTTOM ELEV. 913.74

TEMPORARY SEDIMENT TRAP (SEE NEXT SHEET)

FILE NAME = S:\1606\CAADD Sheets\0162517-sht-ErosionPre.dgn	USER NAME = _USERNAME_	DESIGNED - AWM	REVISED -
		DRAWN - DA	REVISED -
		CHECKED - JWM	REVISED -
		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
 US ROUTE 14 PRE-STAGE 1**

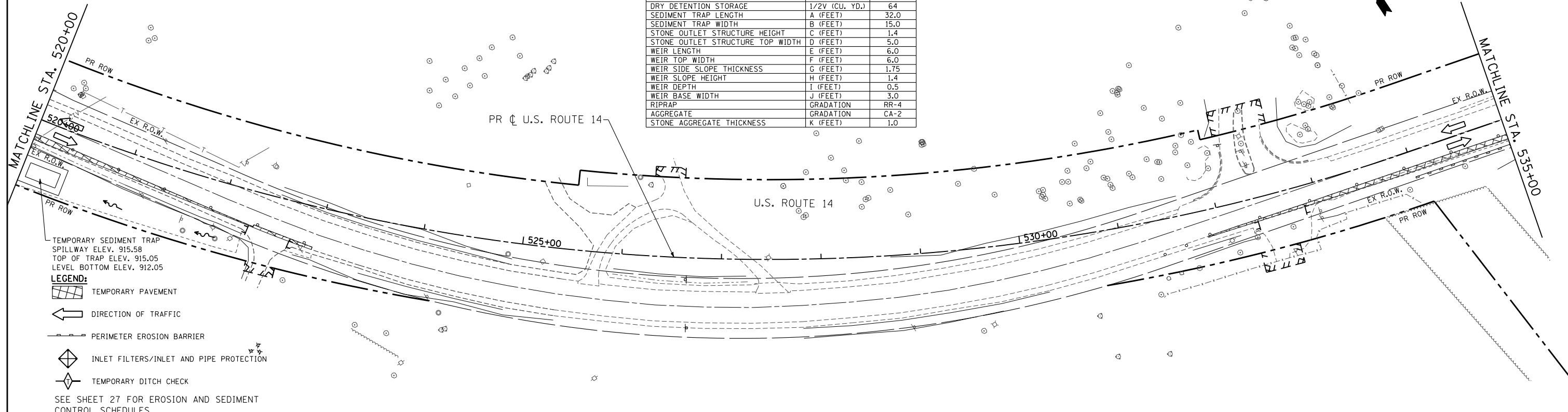
SCALE: 1"=50' SHEET NO. 93 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 93
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

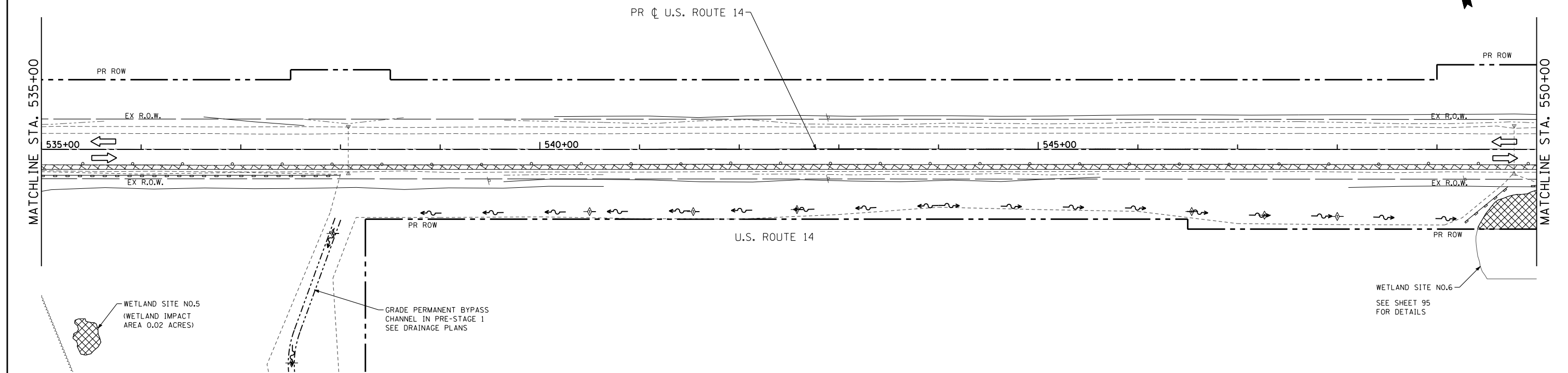
PRE-STAGE 1

TEMPORARY SEDIMENT TRAP TABLE 520+06 RT

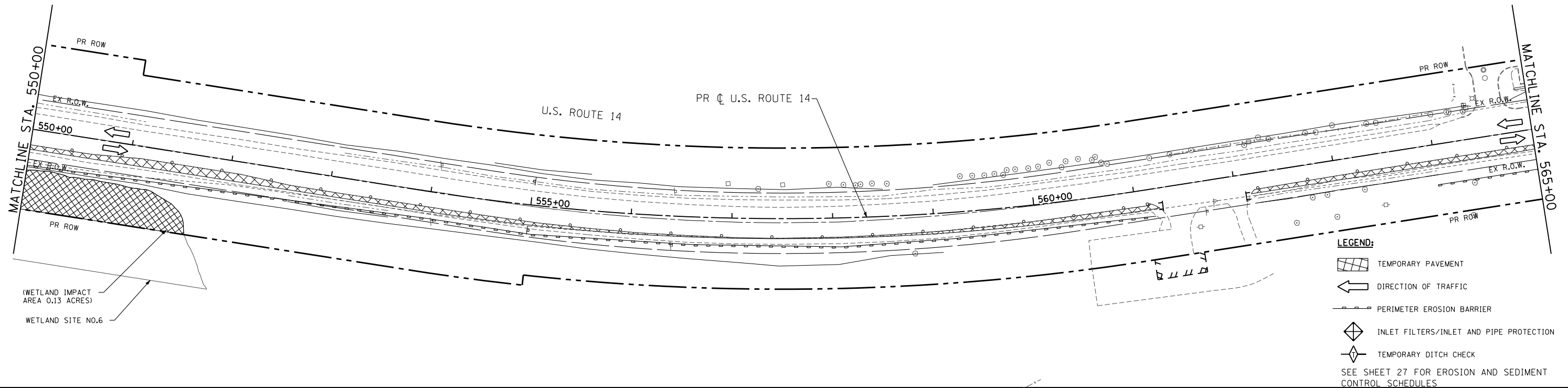
DESIGN ELEMENTS	X (ACRES)	VALUES
DRAINAGE AREA	X (ACRES)	1.34
SEDIMENT TRAP: STORAGE CAPACITY	V (CU. YD.)	128
WET DETENTION STORAGE	1/2V (CU. YD.)	64
DRY DETENTION STORAGE	1/2V (CU. YD.)	64
SEDIMENT TRAP LENGTH	A (FEET)	32.0
SEDIMENT TRAP WIDTH	B (FEET)	15.0
STONE OUTLET STRUCTURE HEIGHT	C (FEET)	1.4
STONE OUTLET STRUCTURE TOP WIDTH	D (FEET)	5.0
WEIR LENGTH	E (FEET)	6.0
WEIR TOP WIDTH	F (FEET)	6.0
WEIR SIDE SLOPE THICKNESS	G (FEET)	1.75
WEIR SLOPE HEIGHT	H (FEET)	1.4
WEIR DEPTH	I (FEET)	0.5
WEIR BASE WIDTH	J (FEET)	3.0
RIPRAP	GRADATION	RR-4
AGGREGATE	GRADATION	CA-2
STONE AGGREGATE THICKNESS	K (FEET)	1.0



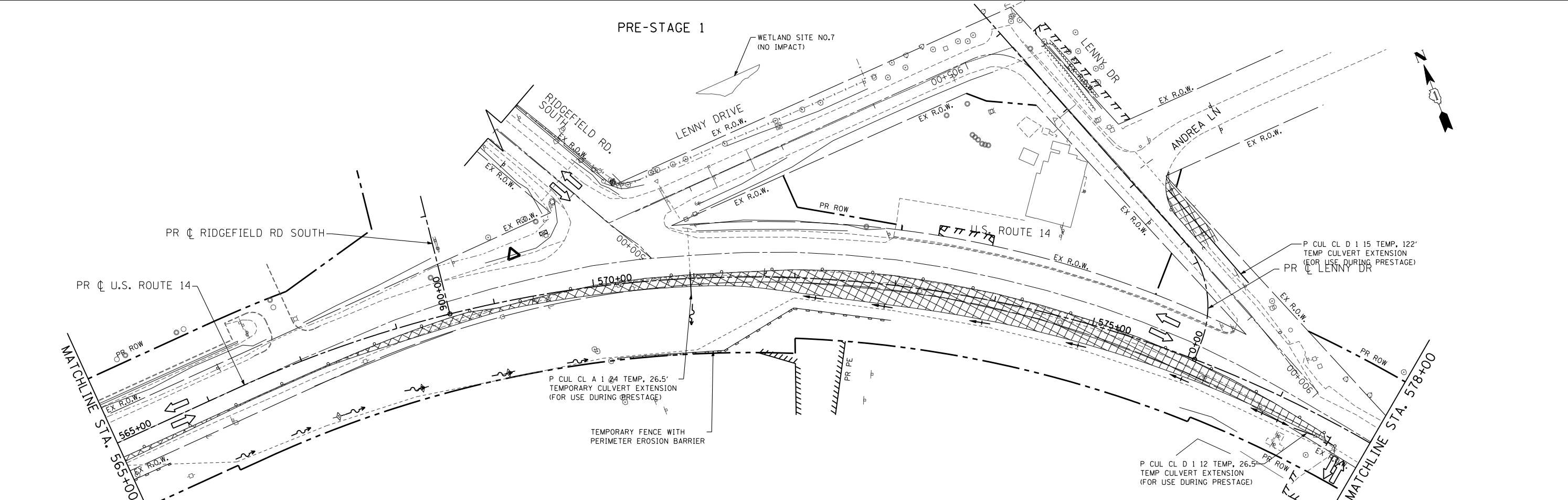
PRE-STAGE 1



PRE-STAGE 1

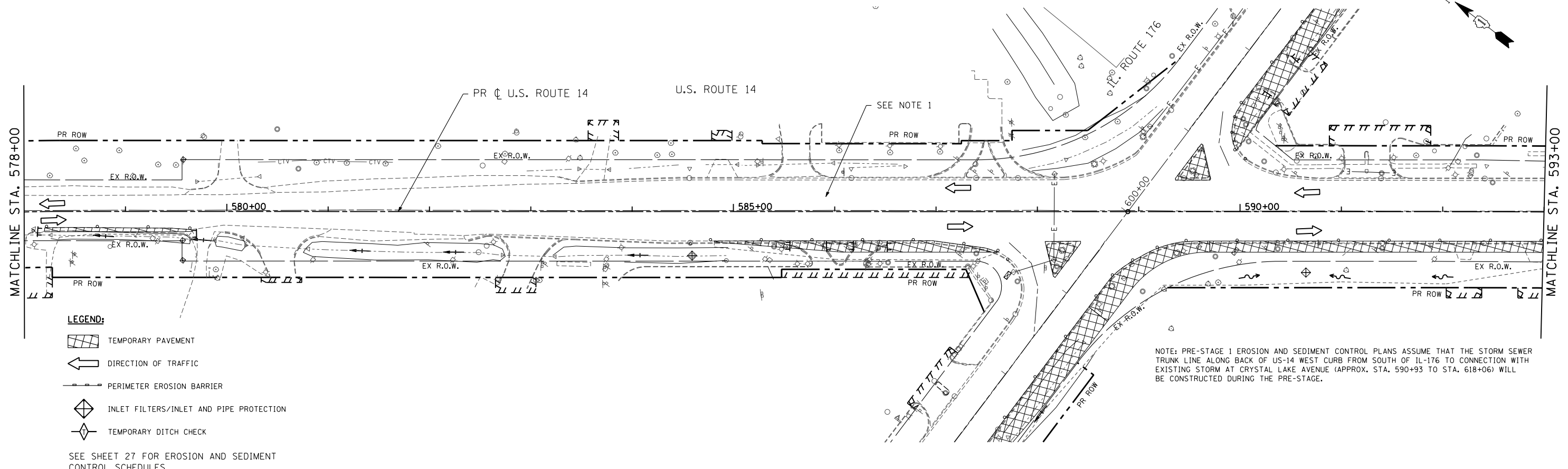


PRE-STAGE 1



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	PLOT SCALE = 100.0000' / IN.	CHECKED - JWM	REVISED -				305	27R-3	MCHENRY	431	95
PLOT DATE = 11/6/2013	DATE - 10/15/2013	REVISED -	REVISED -	SCALE: 1"=50'		SHEET NO. 95 OF 431 SHEETS	STA. 550+00 TO STA. 578+00		CONTRACT NO. 62517		
ILLINOIS FED. AID PROJECT											

PRE-STAGE 1

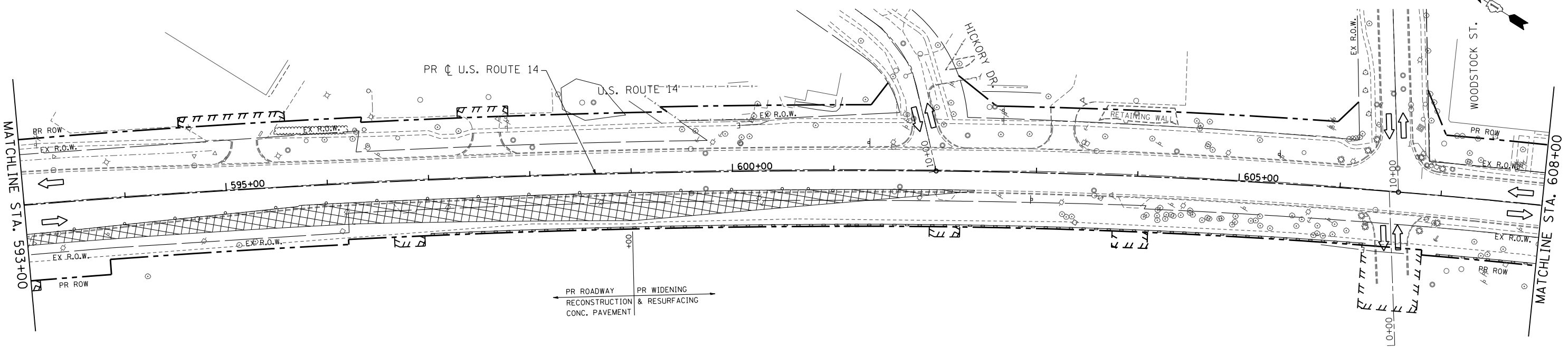


- LEGEND:**
- TEMPORARY PAVEMENT
 - DIRECTION OF TRAFFIC
 - PERIMETER EROSION BARRIER
 - INLET FILTERS/INLET AND PIPE PROTECTION
 - TEMPORARY DITCH CHECK

SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES

NOTE: PRE-STAGE 1 EROSION AND SEDIMENT CONTROL PLANS ASSUME THAT THE STORM SEWER TRUNK LINE ALONG BACK OF US-14 WEST CURB FROM SOUTH OF IL-176 TO CONNECTION WITH EXISTING STORM AT CRYSTAL LAKE AVENUE (APPROX. STA. 590+93 TO STA. 618+06) WILL BE CONSTRUCTED DURING THE PRE-STAGE.

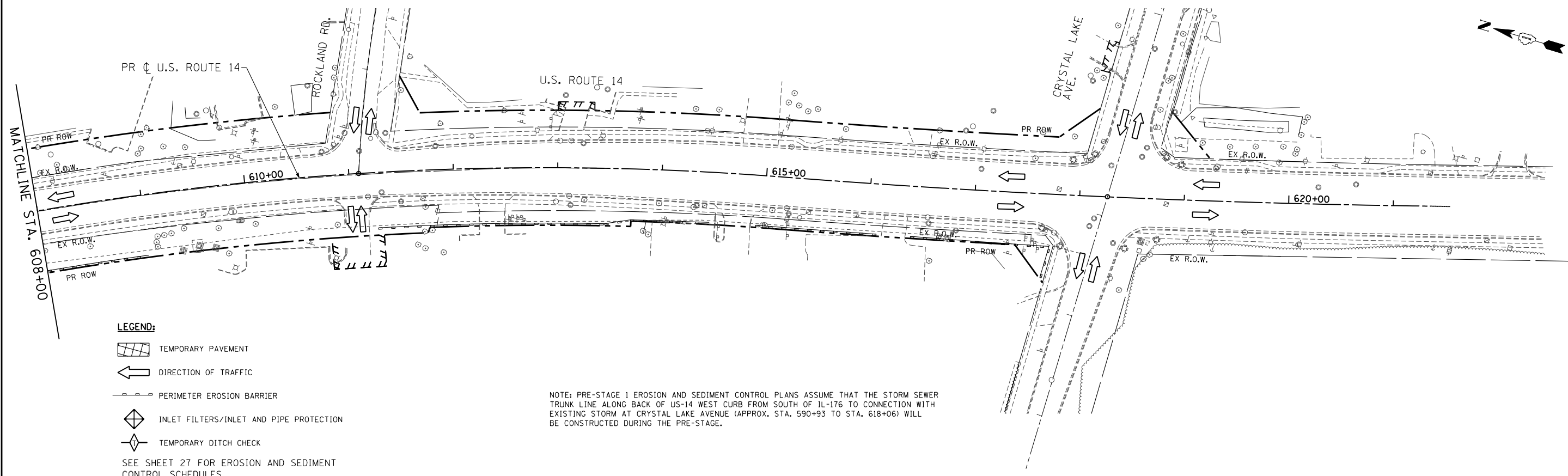
PRE-STAGE 1








NOTE: PRE-STAGE 1 EROSION AND SEDIMENT CONTROL PLANS ASSUME THAT THE STORM SEWER TRUNK LINE ALONG BACK OF US-14 WEST CURB FROM SOUTH OF IL-176 TO CONNECTION WITH EXISTING STORM AT CRYSTAL LAKE AVENUE (APPROX. STA. 590+93 TO STA. 618+06) WILL BE CONSTRUCTED DURING THE PRE-STAGE.

FILE NAME = S:\1606\CADD Sheets\0162517-sht-ErosionPre.dgn	USER NAME = _USERNAME_	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN US ROUTE 14 PRE-STAGE 1			F.A. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 96
PLOT SCALE = 100.0000' / IN.	CHECKED - JWM	REVISIED -	REVISIED -		SCALE: 1"=50'	SHEET NO. 96 OF 431 SHEETS	STA. 578+00 TO STA. 608+00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT		
PLOT DATE = 11/6/2013	DATE - 10/15/2013	REVISIED -	REVISIED -									

PRE-STAGE 1



LEGEND:

-  TEMPORARY PAVEMENT
-  DIRECTION OF TRAFFIC
-  PERIMETER EROSION BARRIER
-  INLET FILTERS/INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK

SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES

NOTE: PRE-STAGE 1 EROSION AND SEDIMENT CONTROL PLANS ASSUME THAT THE STORM SEWER TRUNK LINE ALONG BACK OF US-14 WEST CURB FROM SOUTH OF IL-176 TO CONNECTION WITH EXISTING STORM AT CRYSTAL LAKE AVENUE (APPROX. STA. 590+93 TO STA. 618+06) WILL BE CONSTRUCTED DURING THE PRE-STAGE.

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		DATE - 10/15/2013	REVISED -

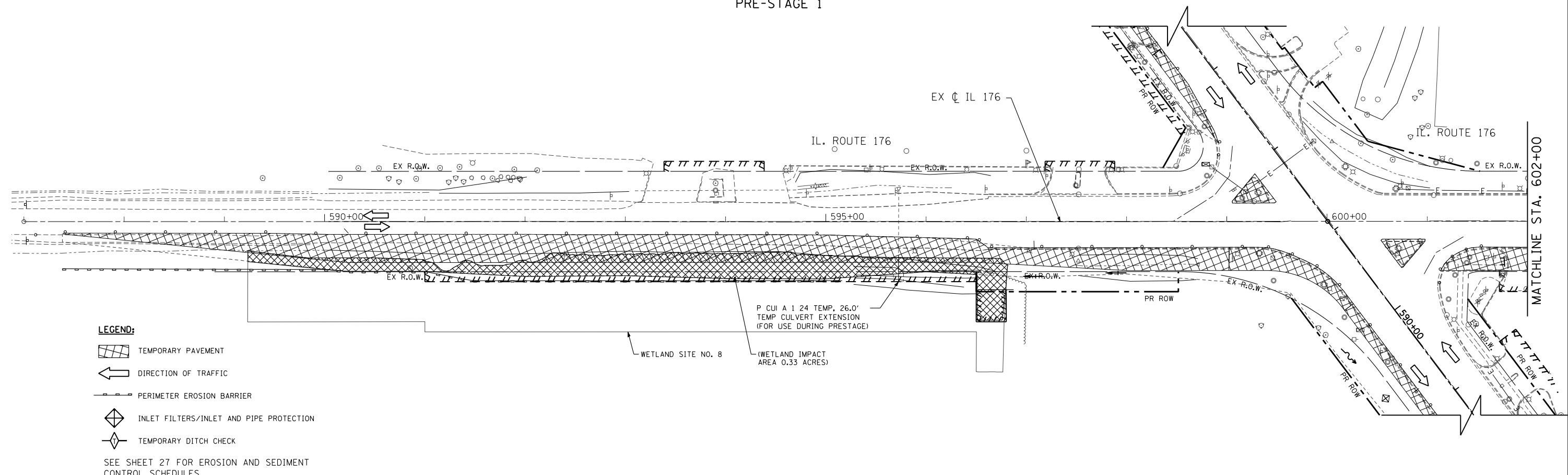
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
US ROUTE 14 PRE-STAGE 1**

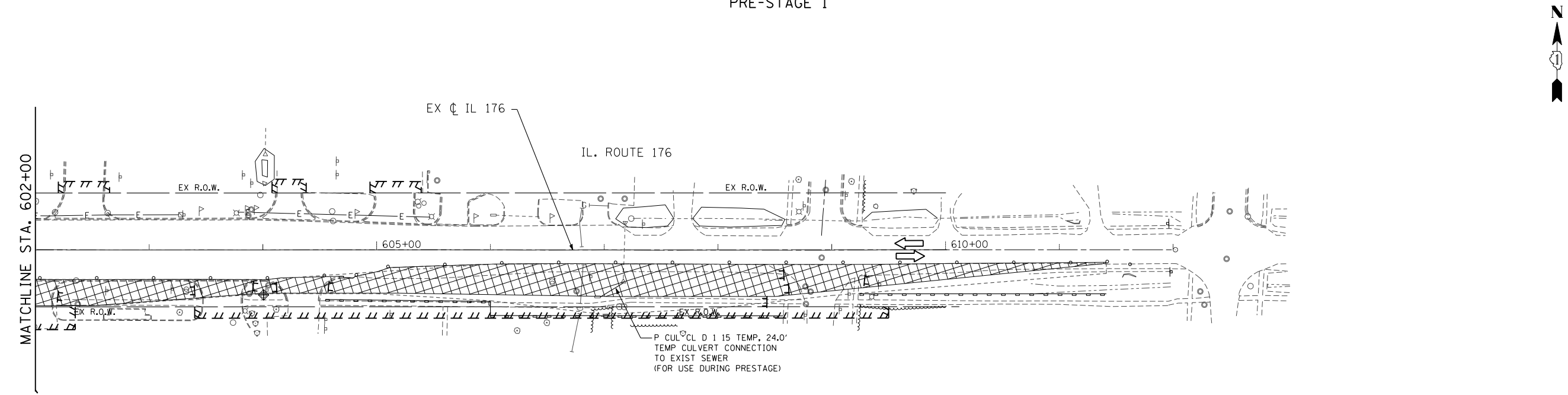
SCALE: 1"=50' SHEET NO. 97 OF 431 SHEETS STA. 608+00 TO STA. 619+25.58

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	97
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62517	

PRE-STAGE 1



PRE-STAGE 1



FILE NAME =	USER NAME = .USERNAME.	DESIGNED - AMW	REVISED -
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	PLOT DATE = 11/6/2013	DATE - 10/15/2013	REVISED -







STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
IL 176 PRE-STAGE 1

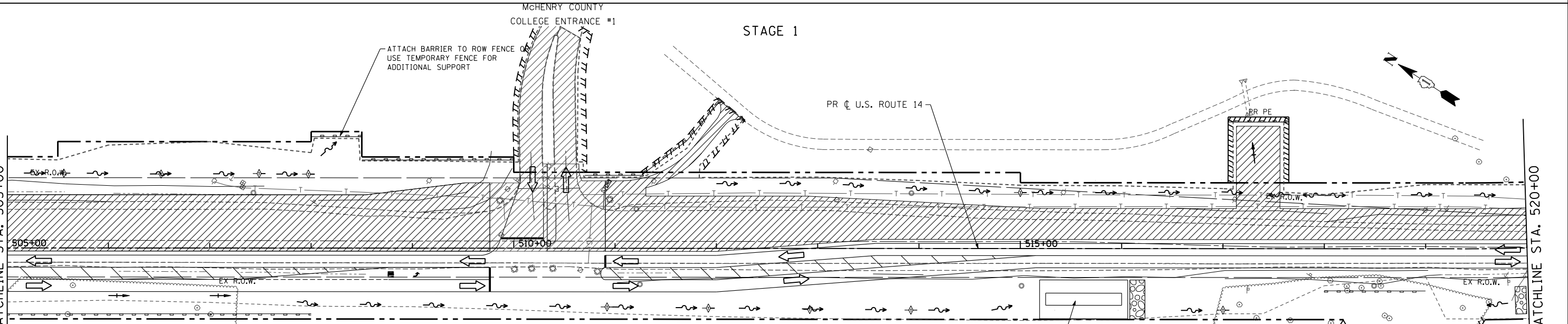
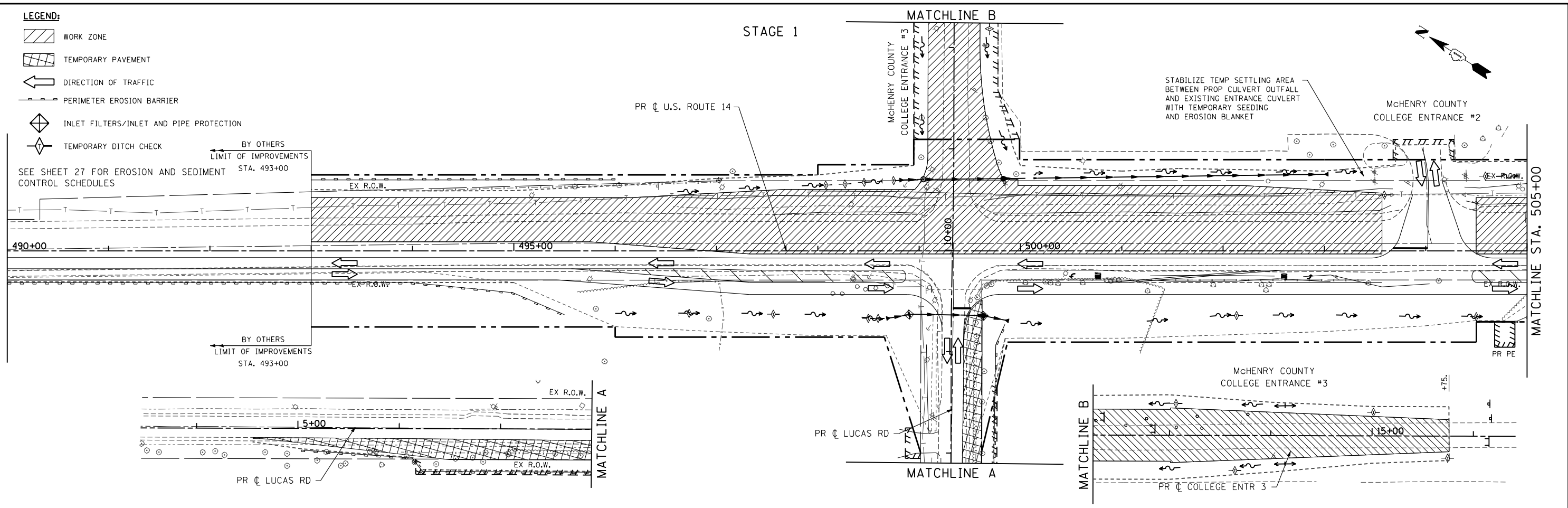
SCALE: 1"=50' SHEET NO. 98 OF 431 SHEETS STA. 590+23.80 TO STA. 608+50.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	98
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

LEGEND:

-  WORK ZONE
-  TEMPORARY PAVEMENT
-  DIRECTION OF TRAFFIC
-  PERIMETER EROSION BARRIER
-  INLET FILTERS/INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK

SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES



NOTES:

1. PLACE PERIMETER EROSION BARRIER PRIOR TO ANY EARTH DISTURBING OR GRADING ACTIVITIES.
2. EXCAVATE THE PROPOSED DITCHES AND STABILIZE WITH PERMANENT LANDSCAPING MEASURES (SEEDING AND EROSION CONTROL BLANKET OR SOD-SEE LANDSCAPING PLANS) AS SOON AS POSSIBLE. PLACE TEMPORARY DITCH CHECKS AT THE LOCATIONS SHOWN ON THE PLANS. AREAS THAT ARE TO BE DISTURBED DURING A LATER STAGE ARE TO BE TEMPORARILY SEEDING WITH MULCH STABILIZATION (METHOD 2).
3. TEMPORARILY SEED AND MULCH TEMPORARY SLOPE AREAS GRADED AS A RESULT OF TEMPORARY PAVEMENT PLACEMENT STAGE 1.
4. INSTALL INLET FILTERS IN ALL PROPOSED OPEN LID INLETS AND CATCH BASINS AND IN EXISTING OPEN LID DRAINAGE STRUCTURES THAT WILL RECEIVE SEDIMENT LADEN DISCHARGE AT THE DIRECTION OF THE ENGINEER (WITHIN PAVEMENT AREAS). INSTALL INLET AND PIPE PROTECTION (SILT FENCE WITH CROSS BRACING) AT OPEN LID DRAINAGE STRUCTURES LOCATED IN DITCHES AND SWALES AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
5. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ERODABLE AREAS EARTH AREAS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AT THE DIRECTION OF THE ENGINEER.
6. THE CONTRACTOR SHALL MAINTAIN TEMPORARY EROSION CONTROL ITEMS INSTALLED IN PRE-STAGE 1 (PRE-STAGE 1 ITEMS ARE SHOWN ON PLANS FOR REFERENCE).

TEMPORARY SEDIMENT TRAP
(TO REMAIN FROM PRESTAGE)

FILE NAME =	USER NAME = .USERNAME.	DESIGNED - AWM	REVISED -
S:\1606\CAOD Sheets\0162517-sht-ErosionStage1.dgn		DRAWN - DA	REVISED -
		CHECKED - JWM	REVISED -
		DATE - 10/15/2013	REVISED -

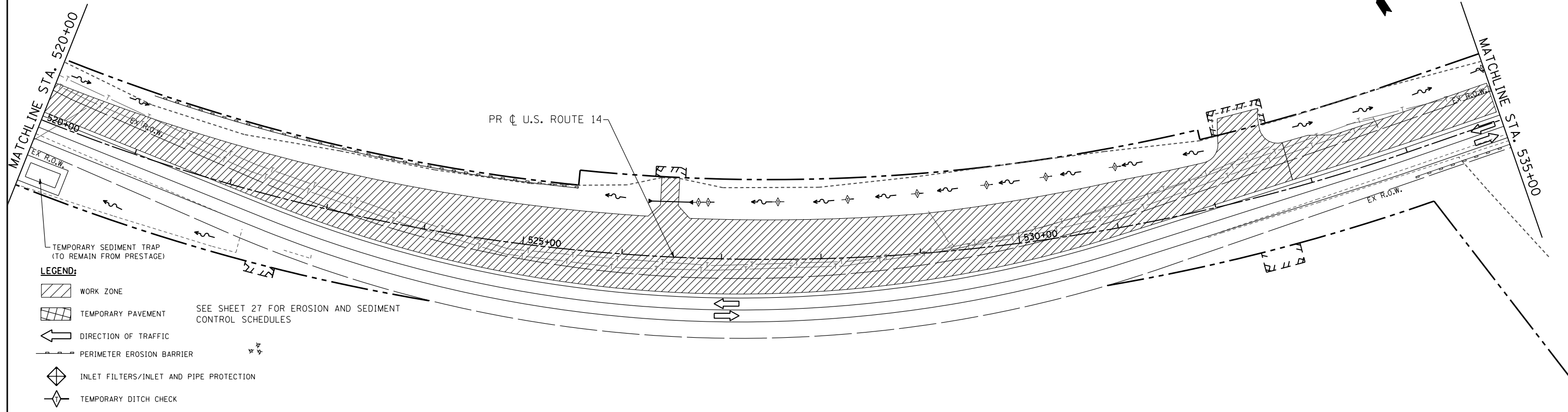
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
US ROUTE 14 STAGE 1**

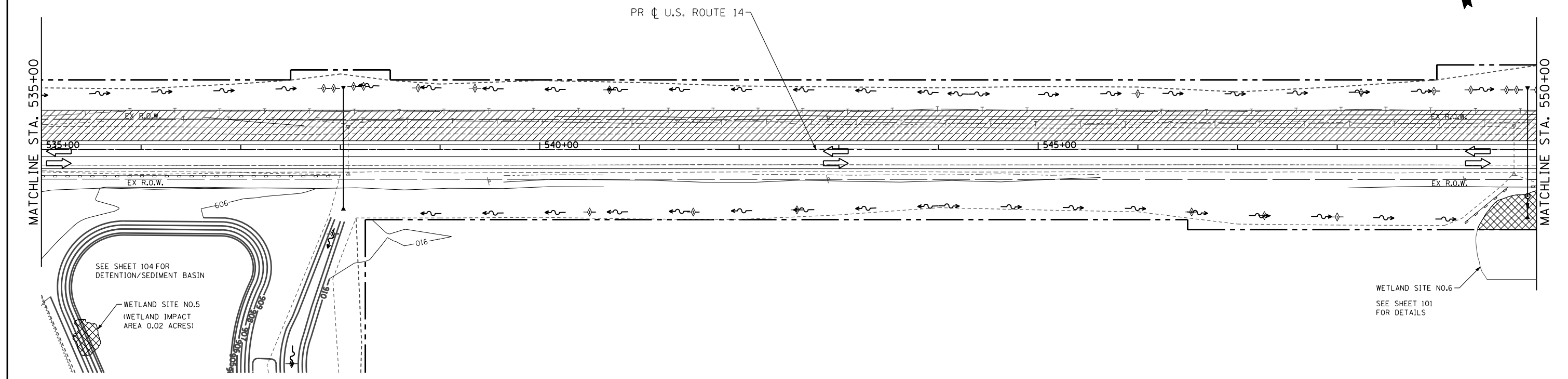
SCALE: 1"=50' SHEET NO. 99 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	99
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 1



STAGE 1



FILE NAME = S:\1606\CADD Sheets\0162517-sht-ErosionStage1.dgn	USER NAME = _USERNAME_	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN US ROUTE 14 STAGE 1	F.A. RTE. = 305	SECTION = 27R-3	COUNTY = MCHENRY	TOTAL SHEETS = 431	SHEET NO. = 100	
PLOT SCALE = 100.0000' / IN.	CHECKED - JWM	REVISIED -	REVISIED -			SCALE: 1"=50'	SHEET NO. 100 OF 431 SHEETS	STA. 520+00 TO STA. 550+00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT
PLOT DATE = 11/6/2013	DATE = 10/15/2013	REVISIED -	REVISIED -								