

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	1
		ILLINOIS	CONTRACT NO. 66992	

INDEX OF SHEETS

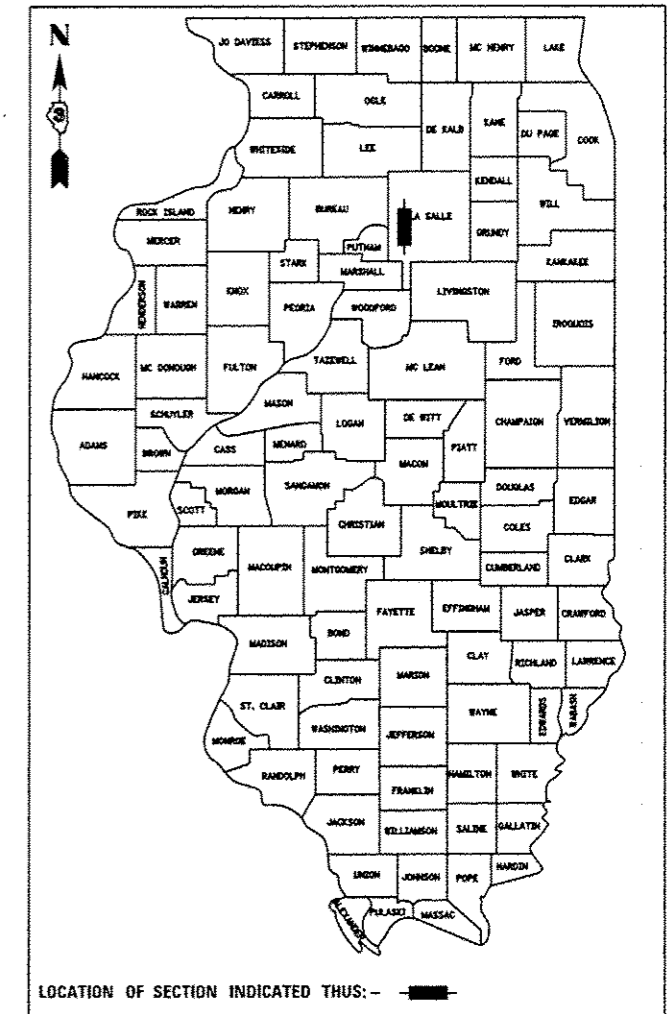
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# PROPOSED HIGHWAY PLANS

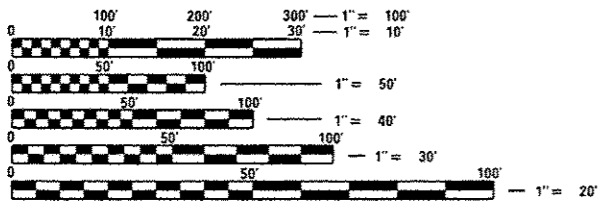
FAS ROUTE 1279 (IL 178)  
SECTION (1) BR & I  
PROJECT: ACRS-1279(114)  
ILLINOIS RIVER BRIDGE REPLACEMENT  
LASALLE COUNTY

C-93-072-10

P-93-035-01  
D-93-032-10

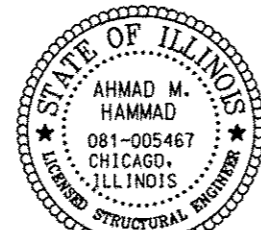


FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR  
FAS ROUTE 1279 (IL 178)  
DESIGN SPEED: 35-55 MPH  
2015 ADT = 4,350  
2035 ADT = 5,800  
P.V. = 92.0% S.U. = 4.0% M.U. = 4.0%



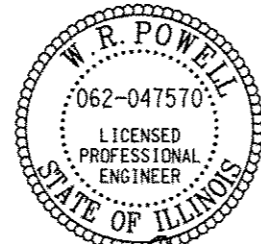
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



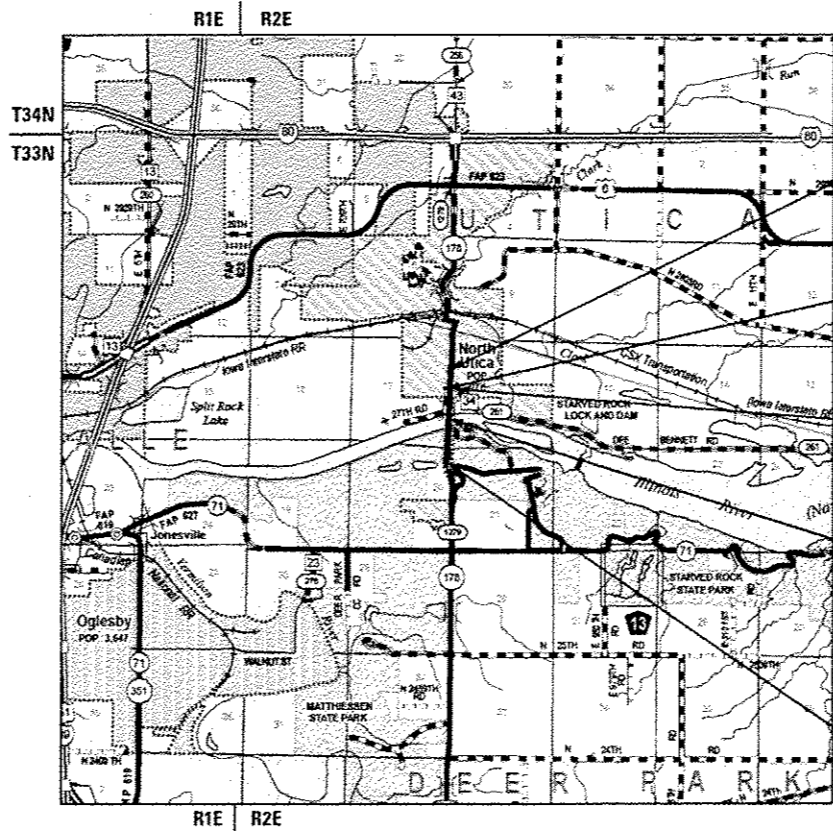
*Ahmad M. Hammad*

WSP | PARSONS BRINCKERHOFF



*W.R. Powell*

WSP | PARSONS BRINCKERHOFF



LOCATION MAP

GROSS LENGTH = 5,300 FT. = 1.004 MILE  
NET LENGTH = 5,300 FT. = 1.004 MILE



- PROJECT BEGINS STA. 1+00.00 IL 178
- PROJECT LIMITS STA. 28+00.00 N 27TH RD.
- PROJECT LIMITS STA. 33+20.00 DEE BENNETT RD.
- IL 178 RIVER CROSSING EXIST. STR. NO. 050-0088 PROP. STR. NO. 050-0256 LENGTH: 1157 FT STA. 29+27.52
- PROJECT ENDS STA. 54+00.00 IL 178

PROJECT ENGINEER JOE KANNEL, P.E.  
UNIT CHIEF MICHELE LINDEMANN, P.E.  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 66992

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 12 2016  
*Kevin Marchuk* REGIONAL ENGINEER

Sept 30 2016  
*Maureen M. Addis* ENGINEER OF DESIGN AND ENVIRONMENT

Sept 30 2016  
*David J. ...* DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

- THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- 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.
- DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.
- ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.
- ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
- 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 WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- CLASS 3 SEEDING REQUIRES PRIOR INSPECTION AT THE SEED SUPPLIER LOCATION. CONTACT KATHY CINDRICH, DISTRICT 3 LANDSCAPE ARCHITECT, AT (815) 434-8445 AT LEAST 30 DAYS PRIOR TO THE TIME OF SEEDING TO SCHEDULE SEED INSPECTION.

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

GRANULAR MATERIALS	2.05	TONS / CU 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
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

- THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

- MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

AMERENIP  
300 LIBERTY ST.  
PEORIA, IL 61602

COMCAST  
688 INDUSTRIAL DRIVE  
ELMHURST, IL 60563

VILLAGE OF NORTH UTICA  
PO BOX 188  
UTICA, IL 61373

AT&T  
65 W. WEBSTER ST., 4TH FLOOR  
JOLIET, IL 60432

- NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

NONE.

- MIX TABLE:

	HMA BINDER DEE BENNETT ROAD	HMA LEVEL BINDER	HMA SURFACE IL 178 & DEE BENNETT ROAD	HMA SHOULDERS DEE BENNETT ROAD (BOTTOM LIFT)	HMA SHOULDERS DEE BENNETT ROAD (TOP LIFT)	HMA BIKE PATH	6" & 8" DRIVEWAY PVMT (BOTTOM LIFTS)	6" & 8" DRIVEWAY PVMT (TOP LIFTS)
PG GRADE	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N30	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5FC	IL 9.5	IL 19.0	IL 9.5	IL 9.5L	IL 19.0	IL 9.5
FRICTION			MIXTURE D			MIXTURE C		MIXTURE C
DENSITY TEST METHOD	CORES	GROWTH CURVE	CORES	CORES	CORES	GROWTH CURVE	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER
MIXTURE WEIGHT	112* / SOYD / IN	112* / SOYD / IN	112* / SOYD / IN	112* / SOYD / IN	112* / SOYD / IN	112* / SOYD / IN	112* / SOYD / IN	112* / SOYD / IN
QUALITY MANAGEMENT	OC/OA	OC/OA	OC/OA	OC/OA	OC/OA	OC/OA	OC/OA	OC/OA
SUBLOT SIZE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOCATION	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT

COMMITMENTS

- TEMPORARY FENCING SHALL BE PLACED ALONG THE RIGHT OF WAY LIMITS WITHIN THE PROJECT AREA SOUTH OF THE ILLINOIS RIVER (APPROX. STA 33+00 TO STA 55+00) TO PREVENT ENCROACHMENT INTO AREAS WITH SENSITIVE CULTURAL OR BIOLOGICAL RESOURCES. NO CONSTRUCTION ACTIVITIES WILL OCCUR OUTSIDE THE EXISTING RIGHT OF WAY IN THIS AREA.
- IN ORDER TO PROTECT INDIANA BATS, NO TREE REMOVAL SHALL TAKE PLACE BETWEEN APRIL 1 AND NOVEMBER 15 OF ANY YEAR.
- WETLANDS: PLACE SILT FENCING TO PROTECT ALL DELINEATED WETLANDS WITHIN THE RIGHT-OF-WAY.
- FOR MITIGATION OF THE 0.168 ACRE OF TEMPORARY WETLAND IMPACT, THE AREA ON THE SOUTH BANK OF THE RIVER DISTURBED BY CONSTRUCTION SHALL BE DECOMPACTED THROUGH DISCING AND THEN SEEDED WITH A NON-AGGRESSIVE, NON-PERMANENT COVER, SUCH AS AGROSTIS ALBA, ANNUAL RYEGRASS OR SPRING OATS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES  
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY: *Tom Beaulieu*  
DISTRICT STUDIES & PLANS ENGINEER

DATE: *August 12, 2016*

EXAMINED BY: *Robert K. Jeyaraj*  
DISTRICT CONSTRUCTION ENGINEER

*Wayne J. Phillipinos*  
DISTRICT MATERIALS ENGINEER

*Tom H. Hagan*  
DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	2

SCALE: 100.0000' / SHEET NO. 1 OF 2 SHEETS STA. TO STA.

ILLINOIS/FED. AID PROJECT P-93-035-01

USER NAME: ccorcoranm	DESIGNED - #SDS#	REVISED - #DATER1#
PLDT SCALE: #PSCALE#	DRAWN - #SDR#	REVISED - #DATER2#
PLOT DATE: #PDATE#	CHECKED - #SCH#	REVISED - #DATER3#
	DATE - 8/12/2016	REVISED - #DATER4#

IDOT STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL EQUIVALENTS OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
420101-05	24' (7.2 M) JOINTED PCC PAVEMENT
420111-03	PCC PAVEMENT ROUNDOUTS
420401-12	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
483001-04	PCC SHOULDER
515001-03	NAME PLATE FOR BRIDGES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 84" (2100 mm) DIA.
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-06	TRAVERSABLE PIPE GRATE
542401-02	METAL END SECTION FOR PIPE CULVERTS
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604086-03	FRAME AND GRATE TYPE 23
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-10	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-14	TRAFFIC BARRIER TERMINAL, TYPE 6
666001-01	RIGHT OF WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701427-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS = 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-05	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNT DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001	OBJECT AND TERMINAL MARKERS
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
812001	RACEWAY EMBEDDED IN STRUCTURE
821101-01	LUMINAIRE WIRING DIAGRAM
826001-01	NAVIGATION OBSTRUCTION LIGHTING CONTROLLER, 240V
830006-03	LIGHT POLE ALUMINUM DAVIT ARM
836001-02	LIGHT POLE FOUNDATION
838001	BREAKAWAY DEVICE
BLR 18 - 6	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE

SANITARY SEWER NOTES

- ALL ASPECTS OF THE SANITARY SEWER WORK SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS," 7TH EDITION, DATED 2014.
- ALL SANITARY SEWER MANHOLES SHALL BE 4' DIA. PRECAST CONCRETE MANHOLES WITH A PRECAST MONOLITHIC BASE SECTION WITH RUBBER GASKETED COUPLINGS PER ASTM C-923 AND PRECAST CONCRETE FILLETS. ALL JOINTS IN THE MANHOLE SHALL BE RUBBER GASKETED PER ASTM C443 AND WATER TIGHT WITH EXTERNAL SEALING BANDS PER ASTM C877. MANHOLE STEPS ARE REQUIRED PER THE "STANDARD SPECIFICATIONS." A FLAT TOP SLAB IS REQUIRED FOR EACH MANHOLE AND THE TYPE A FRAME AND CLOSED LID FOR EACH MANHOLE SHALL BE WATER TIGHT WITH A HEAVY DUTY SELF SEALING LOCKABLE LID WITH CONCEALED PICK HOLE. THE FRAME SHALL BE SEALED AND ATTACHED TO THE TOP OF THE PRECAST FLAT TOP SLAB WITH A MINIMUM OF FOUR 5/8" DIA. STAINLESS STEEL ANCHOR BOLTS WITH 3" MINIMUM EMBEDMENT. ADJUSTING RINGS ARE NOT ALLOWED.
- ALL SANITARY SEWERS SHALL BE PVC SOLID WALL SEWER PIPE SDR 26 IN ACCORDANCE WITH ASTM F 679 WITH AN INTEGRAL BELL WATER TIGHT FLEXIBLE ELASTOMERIC GASKETED SEAL JOINT PER ASTM D3212 AND F 477.
- ALL SANITARY SEWERS SHALL BE INSPECTED AND TESTED FOR ACCEPTABILITY BY EXFILTRATION OF AIR UNDER PRESSURE IN ACCORDANCE WITH ASTM F 1417 AND BY DEFLECTION TESTING FOR FLEXIBLE PIPE MATERIALS WITH AN APPROVED MANDREL PER THE STANDARD SEWER SPECIFICATIONS.
- ALL INSTALLED SANITARY SEWER MANHOLES SHALL BE INSPECTED AND TESTED FOR ACCEPTABILITY BY THE NEGATIVE AIR PRESSURE (VACUUM) TEST PRIOR TO BACKFILL PER ASTM C 1244-05.
- THE SEQUENCE OF CONSTRUCTION FOR THE NEW OUTFALL SANITARY SEWER TO THE RIVER SHALL BE AS FOLLOWS:
  - CONSTRUCT AND TEST THE NEW 18" OUTFALL SEWER FROM PROPOSED SANITARY SEWER MANHOLE #22 TO THE RIVER WHILE MAINTAINING THE EXISTING 15" CLAY OUTFALL SEWER TO THE RIVER.
  - BYPASS PUMP THE EXISTING FLOW FROM EXISTING SANITARY MANHOLE #4 TO PROPOSED SANITARY SEWER MANHOLE #22.
  - CONSTRUCT THE PROPOSED NEW 18" OUTFALL SEWER FROM EXISTING SANITARY MANHOLE #4 TO PROPOSED SANITARY SEWER

FILE NAME: T:\180708 - ILL170 Phase 2\Drawings\Sheet\0665192 - snt-general.dwg

**WSP** | **PARSONS BRINCKERHOFF**  
 30 North LaSalle Street, Suite 4200  
 Chicago, IL 60602  
 (312) 782-8150 FAX# (312) 782-1884

USER NAME = janes	DESIGNED - ACL	REVISED -
PLOT SCALE = 180.0000' / 1" =	DRAWN - ACL	REVISED -
PLOT DATE = 18-AUG-2016	CHECKED - WRP	REVISED -
	DATE - 8/5/2016	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	3
			CONTRACT NO.	66992
[ILLINOIS] FED. AID PROJECT P-93-036-01				

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
20100500	TREE REMOVAL, ACRES	ACRE	8.00	8.00			
20101000	TEMPORARY FENCE	FOOT	4,119	4,119			
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	990	990			
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	990	990			
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	990	990			
20200100	EARTH EXCAVATION	CU YD	7,355	7,355			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	8,090	8,090			
20400800	FURNISHED EXCAVATION	CU YD	197,295	197,295			
20800150	TRENCH BACKFILL	CU YD	1,493	377			1,116
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3,195	3,195			
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	17,680	17,680			
25000210	SEEDING, CLASS 2A	ACRE	4.25	4.25			
25000300	SEEDING, CLASS 3	ACRE	6.75	6.75			
25100115	MULCH, METHOD 2	ACRE	2.50	2.50			

• SPECIALTY ITEM



DESIGNED - RC  
 DRAWN - RC  
 CHECKED - ST  
 DATE - 08/2016

REVISED - --  
 REVISED - --  
 REVISED - --  
 REVISED - --

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 1 OF 17 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	4
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT	



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	40,764	40,764			
28000305	TEMPORARY DITCH CHECKS	FOOT	803	803			
28000400	PERIMETER EROSION BARRIER	FOOT	9,338	9,338			
28000500	INLET AND PIPE PROTECTION	EACH	10	10			
28100101	STONE RIPRAP, CLASS A1	SQ YD	130	130			
28100105	STONE RIPRAP, CLASS A3	SQ YD	1,578	1,578			
28100107	STONE RIPRAP, CLASS A4	SQ YD	3,900	3,900			
28200200	FILTER FABRIC	SQ YD	4,883	4,883			
<del>28500400</del>	<del>ARTICULATED BLOCK REVETMENT MAT</del>	<del>SQ YD</del>	<del>834</del>	<del>834</del>			
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	19,913	19,913			
35100500	AGGREGATE BASE COURSE TYPE A 6"	SQ YD	3,971	2,866		1,105	
40200500	AGGREGATE SURFACE COURSE, TYPE A, 6"	SQ YD	844	844			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	10,873	8,387		2,486	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,752	2,752			

14

• SPECIALTY ITEM



DESIGNED - RC	REVISED - ..
DRAWN - RC	REVISED - ..
CHECKED - ST	REVISED - ..
DATE - 08/2016	REVISED - ..

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

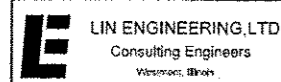
SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET NO. 2 OF 17 SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(I) BR & I	LASALLE	430	5
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT	

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	156	156			
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	188	188			
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	445	321		124	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	359	359			
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SO YD	13,972	13,972			
42001300	PROTECTIVE COAT	SO YD	20,916	20,916			
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	112	112			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	899	899			
42400800	DETECTABLE WARNINGS	SO FT	128	45		83	
44000100	PAVEMENT REMOVAL	SO YD	14,609	14,609			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	3,681	3,681			
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	863	863			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4,761	4,761			
44004250	PAVED SHOULDER REMOVAL	SO YD	4,336	4,336			

• SPECIALTY ITEM



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S.	SHEET NO. 3 OF 11 SHEETS	STA. TO STA.	F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 6
						CONTRACT NO. 66992	
ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80%FED 20%ST	100%VIL	80%ST 20%VIL	100%VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
44213200	SAW CUTS	FOOT	177	177			
48100500	AGGREGATE SHOULDERS, TYPE A, 6"	SO YD	2,098	2,098			
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	185	185			
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SO YD	5,750	5,750			
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1			
50105220	PIPE CULVERT REMOVAL	FOOT	409	409			
50200100	STRUCTURE EXCAVATION	CU YD	290	290			
50200300	COFFERDAM EXCAVATION	CU YD	273	273			
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	2,223.4	1,182.2	0.2		1,041.0
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1	1			
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1	1			
50300225	CONCRETE STRUCTURES	CU YD	2,425.0	2,425.0			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,828.0	1,828.0			
50300260	BRIDGE DECK GROOVING	SO YD	4,579	4,579			

• SPECIALTY ITEM



DESIGNED - RC  
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 CHECKED - ST  
 DATE - 08/2016

REVISED - --  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 4 OF 17 SHEETS STA. TO STA.

F.A.S. RTE. 1279 SECTION (H) BR & I COUNTY LASALLE TOTAL SHEETS 430 SHEET NO. 7 CONTRACT NO. 66992 ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80%FED 20%ST	100%VIL	80%ST 20%VIL	100%VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
50300265	SEAL COAT CONCRETE	CU YD	704	704			
50300280	CONCRETE ENCASEMENT	CU YD	15.4	15.4			
50300300	PROTECTIVE COAT	SO YD	7,711	7,711			
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	140.2	140.2			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	LSUM	1	1			
50500505	STUD SHEAR CONNECTORS	EACH	10,512	10,512			
50800105	REINFORCEMENT BARS	POUND	30	30			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	910,030	910,030			
50800515	BAR SPLICERS	EACH	96	96			
50800530	MECHANICAL SPLICERS	EACH	384	384			
50901720	BICYCLE RAILING	FOOT	3,756	3,756			
50901750	PARAPET RAILING	FOOT	1,213	1,213			
51201800	FURNISHING STEEL PILES HP14X73	FOOT	1,847	1,847			
51202305	DRIVING PILES	FOOT	1,847	1,847			

• SPECIALTY ITEM



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 5 OF 17 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	8
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
51203800	TEST PILE STEEL HP14X73	EACH	2	2			
51204650	PILE SHOES	EACH	44	44			
51500100	NAME PLATES	EACH	1	1			
52100520	ANCHOR BOLTS, 1"	EACH	48	48			
52100540	ANCHOR BOLTS, 1 1/2"	EACH	72	72			
52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	740	740			
54213465	END SECTIONS 30"	EACH	2	2			
54213471	END SECTIONS 36"	EACH	2	2			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1			
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2			
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2			
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1			
54214713	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND SIZE 18"	EACH	6	6			

• SPECIALTY ITEM

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DATE - 08/2016	REVISED - --

DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
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DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 6 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(H) BR & I	LASALLE	430	9
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
54214719	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND SIZE 24"	EACH	8	8			
54215553	METAL END SECTIONS 18"	EACH	1	1			
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	76	76			
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	52	52			
542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	117	117			
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	172	172			
5421A030	PIPE CULVERTS, CLASS A, TYPE 1 30" (TEMPORARY)	FOOT	59	59			
5421A036	PIPE CULVERTS, CLASS A, TYPE 1 36" (TEMPORARY)	FOOT	15	15			
5422A012	PIPE CULVERTS, CLASS A, TYPE 2 12" (TEMPORARY)	FOOT	103	103			
5425A015	PIPE CULVERTS, CLASS A, TYPE 5 15" (TEMPORARY)	FOOT	82	82			
5425A018	PIPE CULVERTS, CLASS A, TYPE 5 18" (TEMPORARY)	FOOT	72	72			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	10	10			
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	16	16			
550A4000	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	337	337			

• SPECIALTY ITEM



DESIGNED - RC	REVISED - --
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DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 1 OF 17 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	10
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT	



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	497	497			
56100600	WATER MAIN 6"	FOOT	769				769
56101142	DUCTILE IRON WATER MAIN REDUCER, 4" X 6"	EACH	1				1
56104900	WATER VALVES 6"	EACH	3				3
56108800	TAPPING VALVES AND SLEEVES 6"	EACH	1				1
56200300	WATER SERVICE LINE 1"	FOOT	7				7
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	2				2
56400600	FIRE HYDRANTS	EACH	2				2
58700300	CONCRETE SEALER	SD FT	2,334	2,334			
59100100	GEOCOMPOSITE WALL DRAIN	SD YD	174	174			
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	14	14			
60103700	PIPE DRAINS, CORRUGATED STEEL 18"	FOOT	185	185			
60108501	PIPE UNDERDRAINS, TYPE 3	FOOT	8,210	8,210			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7			

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• SPECIALTY ITEM



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 8 OF 17 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(I) BR & I	LASALLE	430	11
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1			
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	1			
60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	1	1			
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1				1
60500205	FILLING CATCH BASINS	EACH	1	1			
60500305	FILLING INLETS	EACH	17	17			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	106.5	106.5			
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	482.5	482.5			
• 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3,475	3,475			
• 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1			
• 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4			
• 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1			
• 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2			
63200310	GUARDRAIL REMOVAL	FOOT	4,895	4,895			

• SPECIALTY ITEM

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DESIGNED - RC	REVISED - --
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CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 9 OF 17 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	12
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	16	16			
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	14	14			
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	6,650	6,650			
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1			
66900530	SOIL DISPOSAL ANALYSIS	EACH	13	13			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	30	30			
67100100	MOBILIZATION	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	300	300			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	72	72			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,000	5,000			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	1667	1667			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	49,776	49,776			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	335	335			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	17	17			

• SPECIALTY ITEM



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET NO. 10 OF 11 SHEETS	STA.	TO STA.

F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 13
CONTRACT NO. 66992				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	146	146			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4,062.5	4,062.5			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3,525.0	3,525.0			
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	8	8			
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	9	9			
• 72000100	SIGN PANEL - TYPE 1	SO FT	291	256		35	
• 72000200	SIGN PANEL - TYPE 2	SO FT	114	114			
• 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	22	22			
• 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	19	19			
<del>72400310</del>	<del>REMOVE SIGN PANEL TYPE 1</del>	<del>SO FT</del>	<del>16</del>	<del>16</del>			
<del>72400320</del>	<del>REMOVE SIGN PANEL TYPE 2</del>	<del>SO FT</del>	<del>2</del>	<del>2</del>			
• 73000100	WOOD SIGN SUPPORT	FOOT	838	719		119	
<del>73700100</del>	<del>REMOVE GROUND MOUNTED SIGN SUPPORT</del>	<del>EACH</del>	<del>41</del>	<del>41</del>			
• 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-LETTERS AND SYMBOLS	SO FT	23	23			

• SPECIALTY ITEM



DESIGNED - RC	REVISED - ..
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DATE - 08/2016	REVISED - ..

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 11 OF 17 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(I) BR & I	LASALLE	430	14
CONTRACT NO. 66992				

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ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-LINE 6"	FOOT	306	306			
78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-LINE 8"	FOOT	1,337	1,337			
78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-LINE 24"	FOOT	120	110		10	
78008310	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	FOOT	24,574	24,574			
78008330	POLYUREA PAVEMENT MARKING TYPE II - LINE 6"	FOOT	1,734	1,493		241	
78008350	POLYUREA PAVEMENT MARKING TYPE II - LINE 12"	FOOT	1,418	1,418			
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	171	171			
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	30	30			
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	48	48			
78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	182	182			
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	88	88			
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	1	1		
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	1,088	747	341		

• SPECIALTY ITEM

**E** LIN ENGINEERING, LTD.  
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Western Illinois

DESIGNED - RC	REVISED - --
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DATE - 08/2016	REVISED - --

DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 12 OF 17 SHEETS STA. TO STA.

P.A.S. RTE. 1279	SECTION (I) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 15
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	262		262		
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	2,020	2,020			
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	4	4			
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	3	3			
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	1	1			
81300610	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 14" X 12" X 6"	EACH	2	2			
81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	2,585	1,375	1,210		
81603040	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	4,122	4,122			
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	11,010	11,010			
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	2,440	2,440			
82200605	WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED	EACH	6	6			
82600105	NAVIGATION OBSTRUCTION LIGHTING CONTROLLER	EACH	1	1			
83002200	LIGHT POLE, ALUMINUM, 40 FT. M.H., 6 FT. DAVIT ARM	EACH	5	5			
83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	26	20	6		

• SPECIALTY ITEM



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 13 OF 17 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	16
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT	



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	169	130	39		
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	12	6	6		
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	2		2		
84200804	REMOVAL OF POLE FOUNDATION	EACH	2		2		
84301200	REMOVAL OF NAVIGATION OBSTRUCTION WARNING LIGHTING SYSTEM	LSUM	1	1			
X0300864	MAINTENANCE OF NAVIGATION	LSUM	1	1			
X0322464	ABANDON AND FILL EXISTING SANITARY MANHOLE	EACH	3	2			1
X0322791	FILL EXISTING SANITARY SEWERS	CU YD	75	43			32
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	0.7	0.7			
X0326498	GFCI 20 AMP DUPLEX RECEPTACLE	EACH	12		12		
X0326649	LINEAR DELINEATOR PANELS, 6 INCH	EACH	30	30			
X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	12		12		
X0326747	SANITARY FORCE MAIN, 6"	FOOT	99				99
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SD FT	21,550	21,550			

• SPECIALTY ITEM



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 14 OF 17 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(U) BR & I	LASALLE	430	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66992	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80%FED 20%ST	100%VIL	80%ST 20%VIL	100%VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	31	25	6		
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	6,925	6,925			
X4400110	TEMPORARY PAVEMENT REMOVAL	SO YD	6,669	6,669			
X4402805	ISLAND REMOVAL	SO FT	254	254			
X5210160	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 450K	EACH	12	12			
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	602	602			
X6022810	MANHOLES, SANITARY, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4			
X6024875	TEMPORARY INLET	EACH	4	4			
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	3				3
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1				1
X6026623	VALVE BOX	EACH	3				3
X6026632	VALVE BOXES TO BE REMOVED	EACH	2				2
X6061055	CONCRETE ISLAND (SPECIAL)	SO FT	689	689			
X6330705	RUB RAIL	FOOT	1,975	1,975			

• SPECIALTY ITEM

14



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 15 OF 17 SHEETS STA. TO STA.

F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 18
			CONTRACT NO. 66992	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% ST	100% VIL	80% ST 20% VIL	100% VIL
				BRIDGE	LIGHTING	BICYC/PEO PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1			
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1,085	1,085			
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	23	23			
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	306	306			
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1,337	1,337			
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	120	110		10	
X8110454	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., STAINLESS STEEL	FOOT	795	795			
X8110458	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	70	70			
X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1		1		
X8360110	LIGHT POLE FOUNDATION, SPECIAL	FOOT	70		70		
XZ039900	REMOVAL OF PIER PROTECTION CELL	LSUM	1	1			
Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SO YD	116	116			
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SO YD	130	130			
Z0004552	APPROACH SLAB REMOVAL	SO YD	219	219			

• SPECIALTY ITEM



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET NO. 16 OF 11 SHEETS	STA.	TO STA.

F.A.S. RTE. 1279	SECTION (I) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66992	

30911 BUA

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80%FED 20%ST	100%VIL	80%ST 20%VIL	100%VIL
				BRIDGE	LIGHTING	BICYC/PED PATH	UTILITY
				0011	0021	0028	0043
				URBAN	URBAN	URBAN	URBAN
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1			
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	8	8			
Z0018010	DRAINAGE SCUPPERS, DS-33	EACH	8	8			
Z0034396	MODULAR EXPANSION JOINT 12"	FOOT	100	100			
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	108	108			
Z0054400	ROCK FILL	CU YD	6,392	6,392			
Z0057300	SANITARY SEWER 18"	FOOT	1,680	817			863
Z0057500	SANITARY SEWER 24"	FOOT	80				80
Z0062456	TEMPORARY PAVEMENT	SO YD	6,669	6,669			
Z0067450	STEEL CASINGS 15"	FOOT	90				90
X1400189	UNIT DUCT, 600V, 2-1C NO.6, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	1,205		1,205		
X0900034	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 1400K	EACH	12	12			

• SPECIALTY ITEM

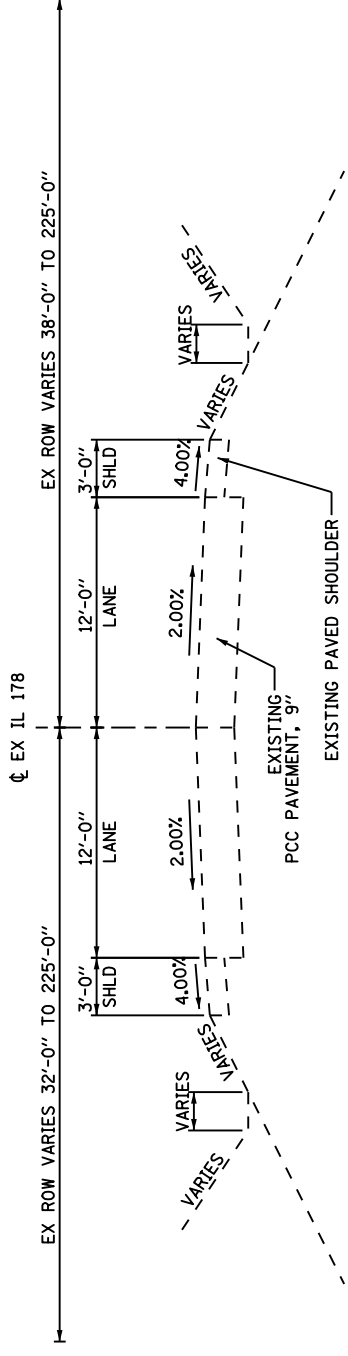


DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

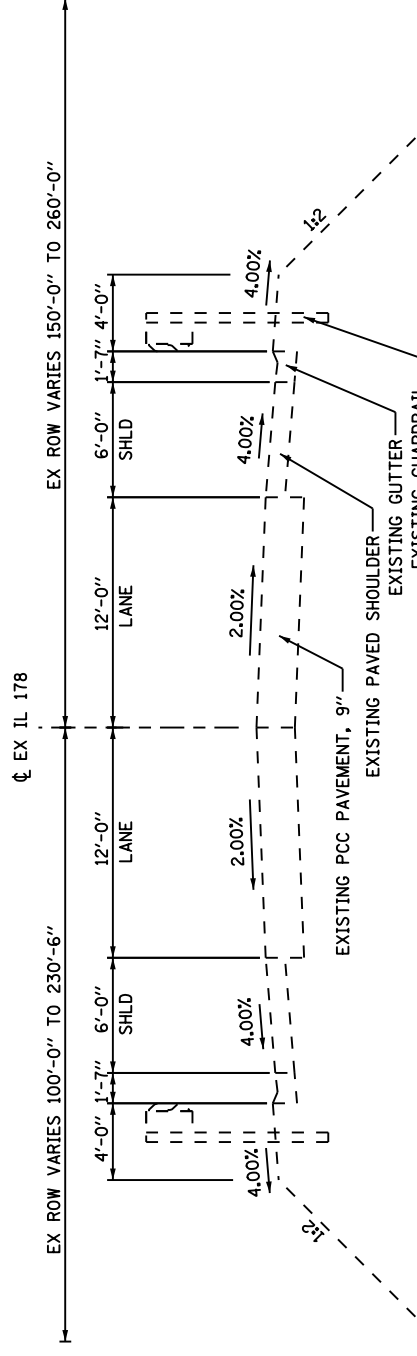
SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET NO. 17 OF 17 SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(I) BR & I	LASALLE	430	20
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT	



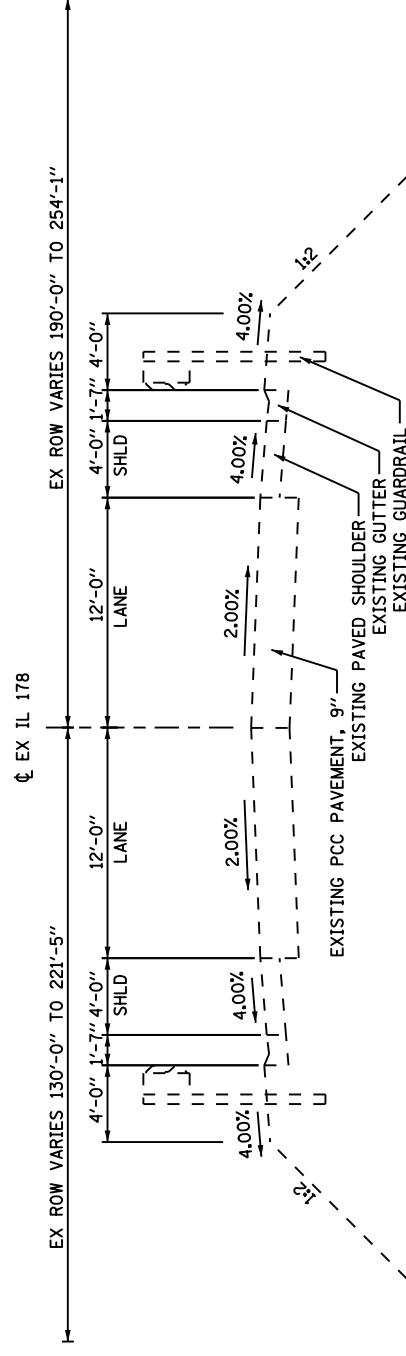
EXISTING TYPICAL SECTION

EX IL 178 STA 0+00.00 TO STA 15+15.97



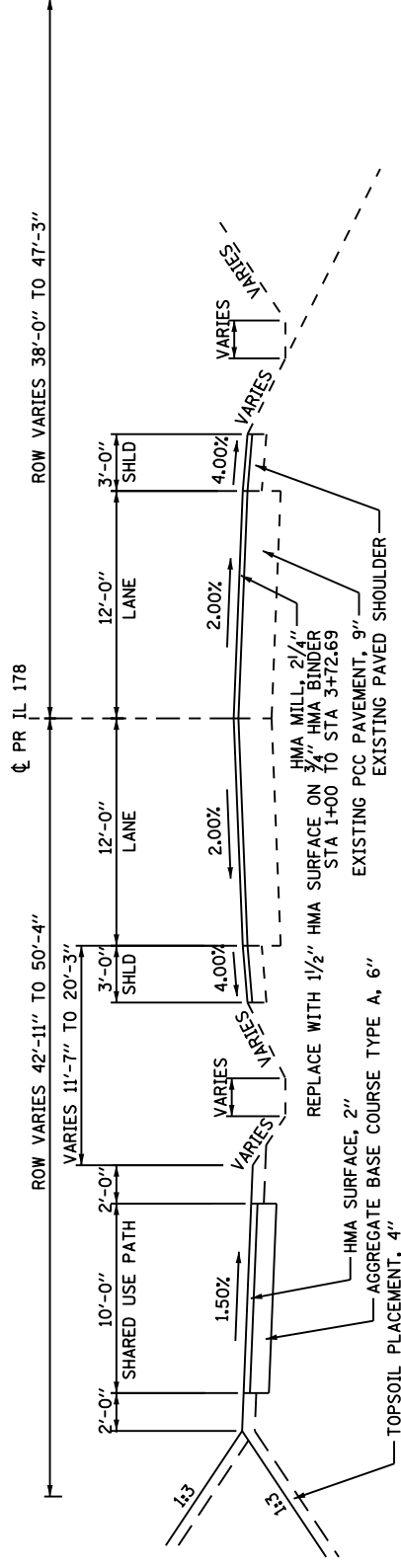
EXISTING TYPICAL SECTION

EX IL 178 STA 15+15.97 TO STA 21+99.95  
EX IL 178 STA 36+45.21 TO STA 54+00.00



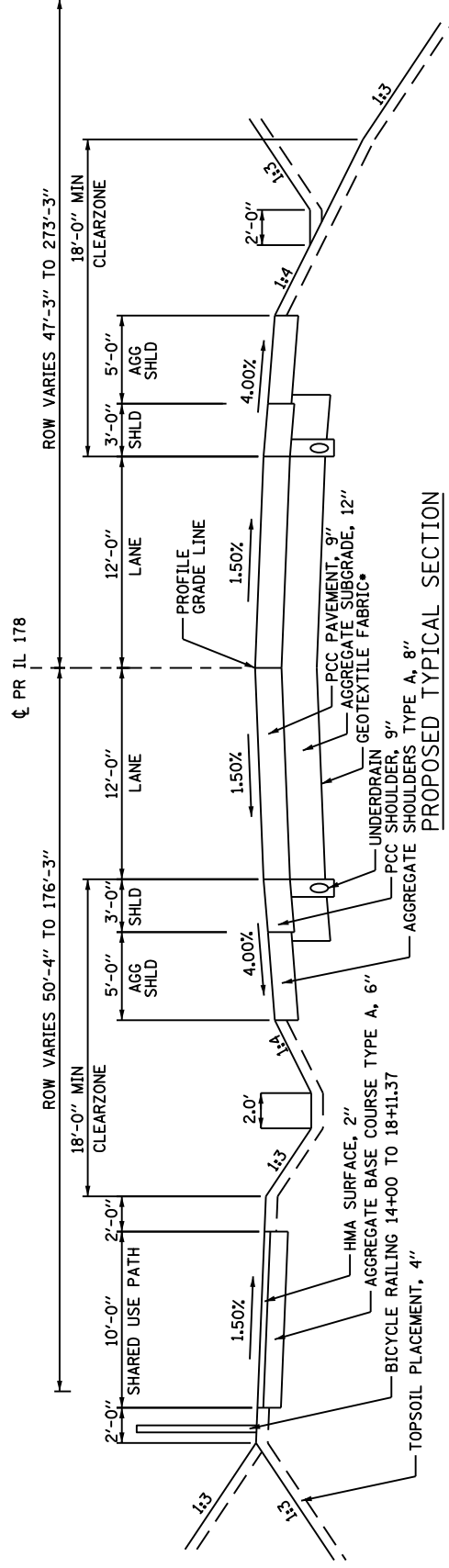
EXISTING TYPICAL SECTION

EX IL 178 STA 21+99.95 TO STA 23+50.76  
EX IL 178 STA 35+08.93 TO STA 36+45.21



PROPOSED TYPICAL SECTION

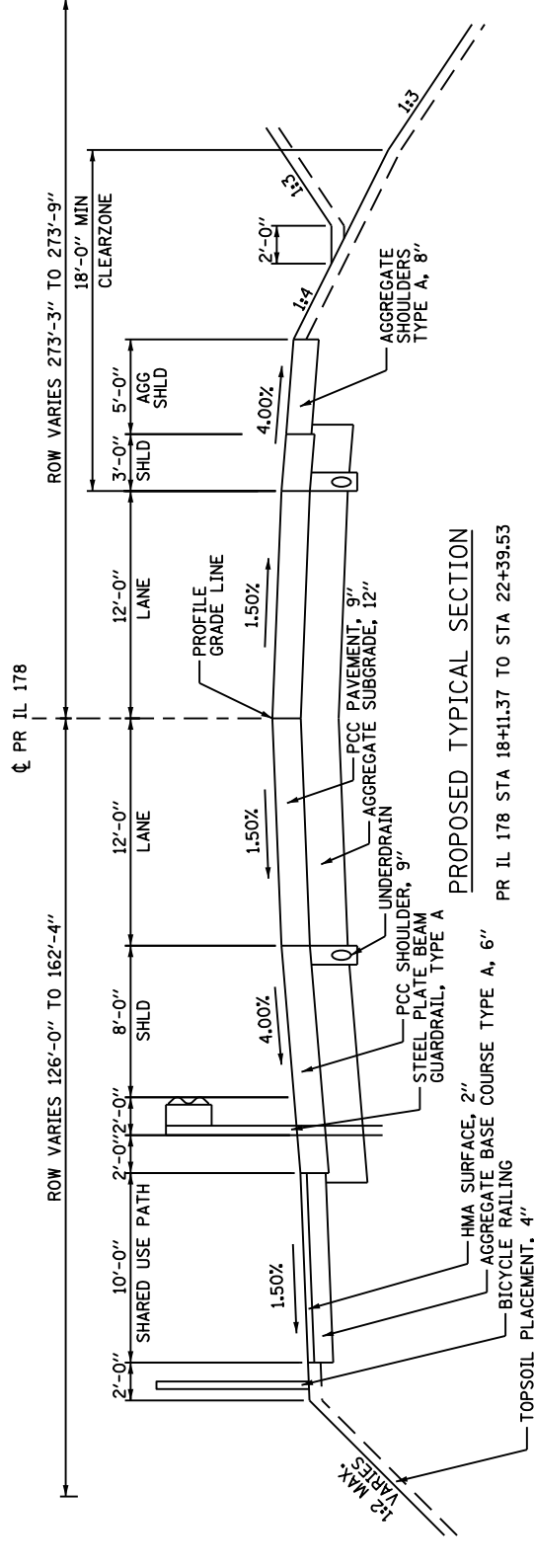
PR IL 178 STA 0+83.98 TO STA 3+72.69



PROPOSED TYPICAL SECTION

PR IL 178 STA 3+72.69 TO STA 13+00.00

• GEOTEXTILE FABRIC FOR GROUND STABILIZATION FROM 3+72.69 TO STA 13+00.00



PROPOSED TYPICAL SECTION

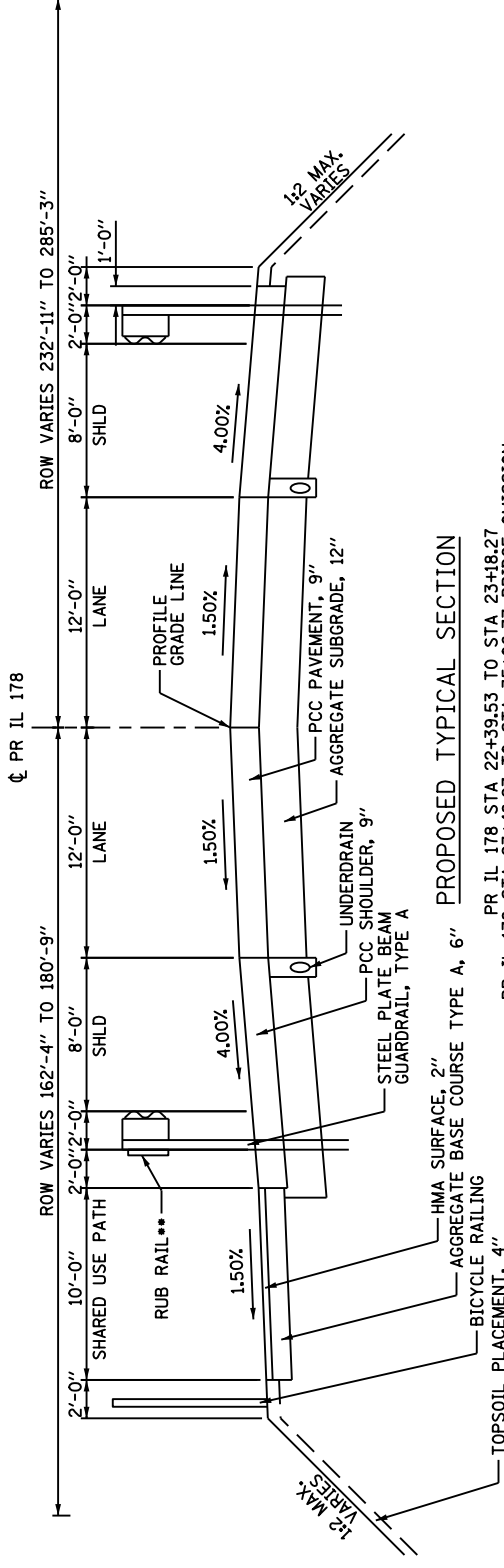
PR IL 178 STA 18+11.37 TO STA 22+39.53

PAVEMENT DESIGN IL 178

STRUCTURAL DESIGN TRAFFIC:	YEAR 2035	
PV = 5,800	SU = 232	MU = 232
ROAD CLASSIFICATION:	CLASS II	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 50%	S = 50%	M = 50%
TRAFFIC FACTOR:	ACTUAL TF = 1.64	AC TYPE = N/A
PG GRADE:	BINDER = 64-22	SURFACE = 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR	

<b>WSP</b> PARSONS BRINCKERHOFF 30 North LaSalle Street, Suite 4200 Chicago, IL 60602 FAX (312) 782-1684 (312) 782-6150 FAX (312) 782-1684	DESIGNED -	ACL	REVISED -	USER NAME = lames PLOT SCALE = 1/8"=1'-0" PLOT DATE = 13-SEP-2016	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS PROPOSED ILLINOIS ROUTE 178	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 22
	DRAWN -	ACL	REVISED -							
	CHECKED -	WRP	REVISED -							
	DATE	8/5/2016	REVISED -							

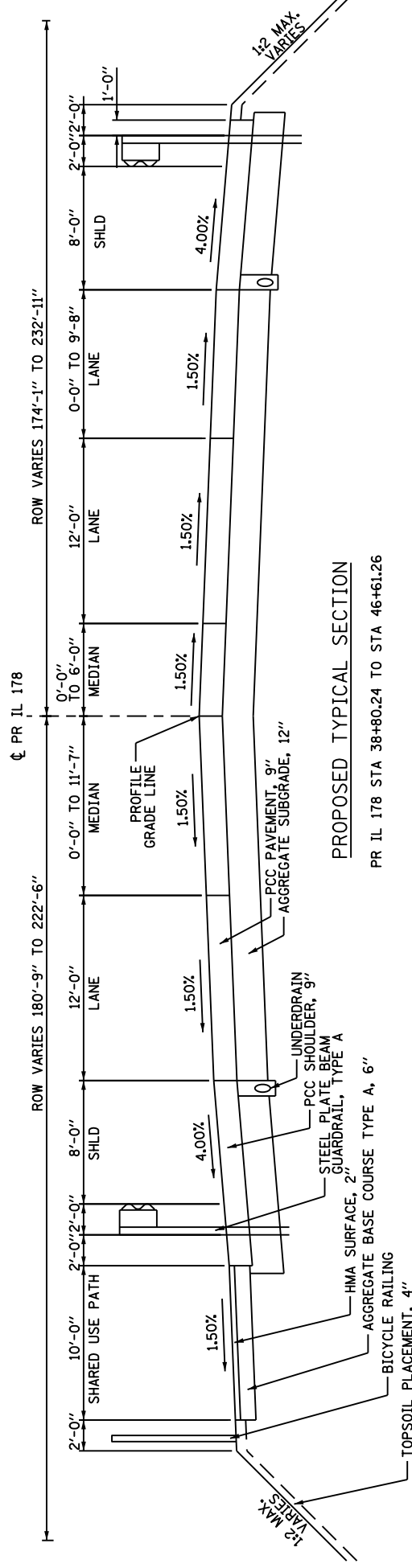




PROPOSED TYPICAL SECTION

PR IL 178 STA 22+39.53 TO STA 23+18.27  
 PR IL 178 STA 23+48.27 TO STA 35+06.77 BRIDGE OMISSION  
 PR IL 178 STA 35+06.77 TO STA 38+80.24

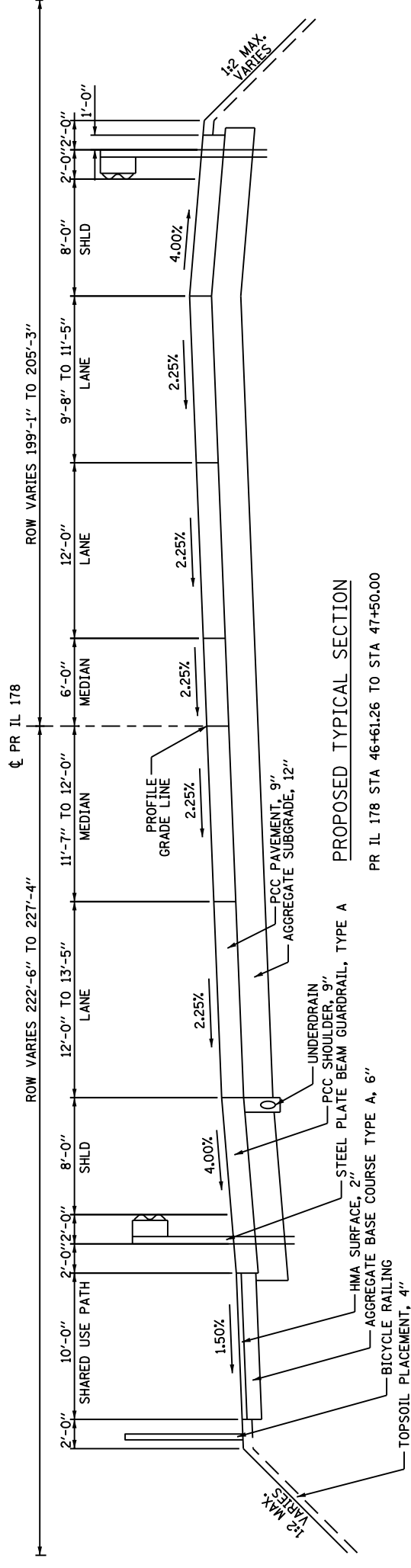
- SHOULDER WIDTH WILL TRANSITION FROM 6.0' AT THE CONNECTION TO THE BRIDGE TO 8.0' AT FULL SHOULDER WIDTH. SHOULDER WILL BE PAVED WITHIN THE LIMITS OF THE GUARDRAIL AND TERMINALS AND 3.0' PAVED WITH 5.0' AGGREGATE WEDGE OUTSIDE THE LIMITS.
- RUB RAIL MUST BE PROVIDED WHEN THE PATH IS WITHIN 2-FT OF THE BACK OF GUARDRAIL.



PROPOSED TYPICAL SECTION

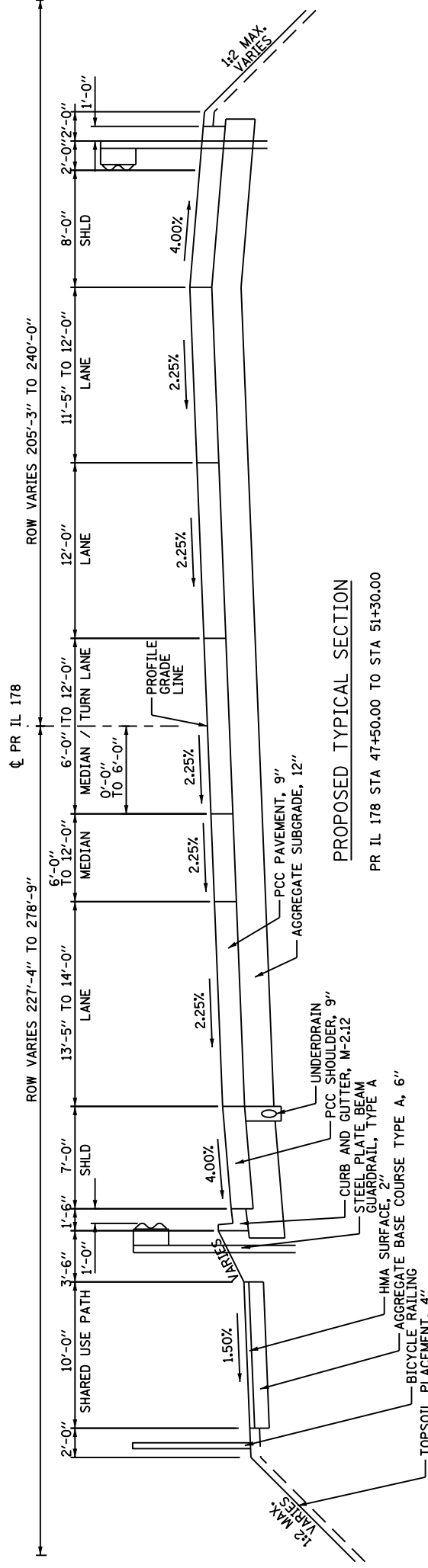
PR IL 178 STA 38+80.24 TO STA 46+61.26

<b>WSP</b> PARSONS BRINCKERHOFF 30 North LaSalle Street, Suite 4200 Chicago, IL 60602 (312) 782-6150 FAX (312) 782-1684	USER NAME = lmarex DRAWN = ACL CHECKED = WRP DATE = 8/5/2016	DESIGNED - DRAWN - CHECKED - DATE -	REVISIONS - - - -	SCALE: NONE SHEET NO. 3 OF 6 SHEETS STA. TO STA.	TYPICAL SECTIONS PROPOSED ILLINOIS ROUTE 178	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 23
					ILLINOIS FED. AID PROJECT P-93-035-01				



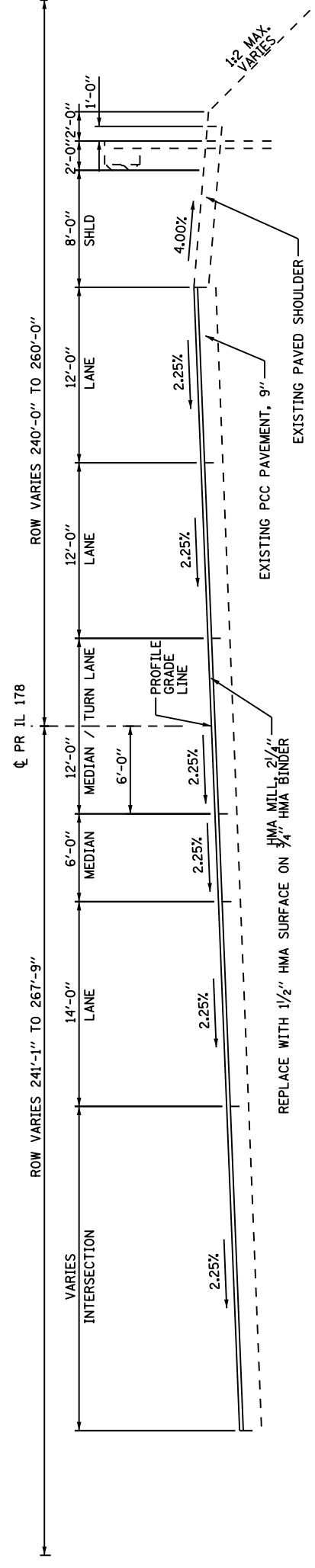
**PROPOSED TYPICAL SECTION**

PR IL 178 STA 46+61.26 TO STA 47+50.00



**PROPOSED TYPICAL SECTION**

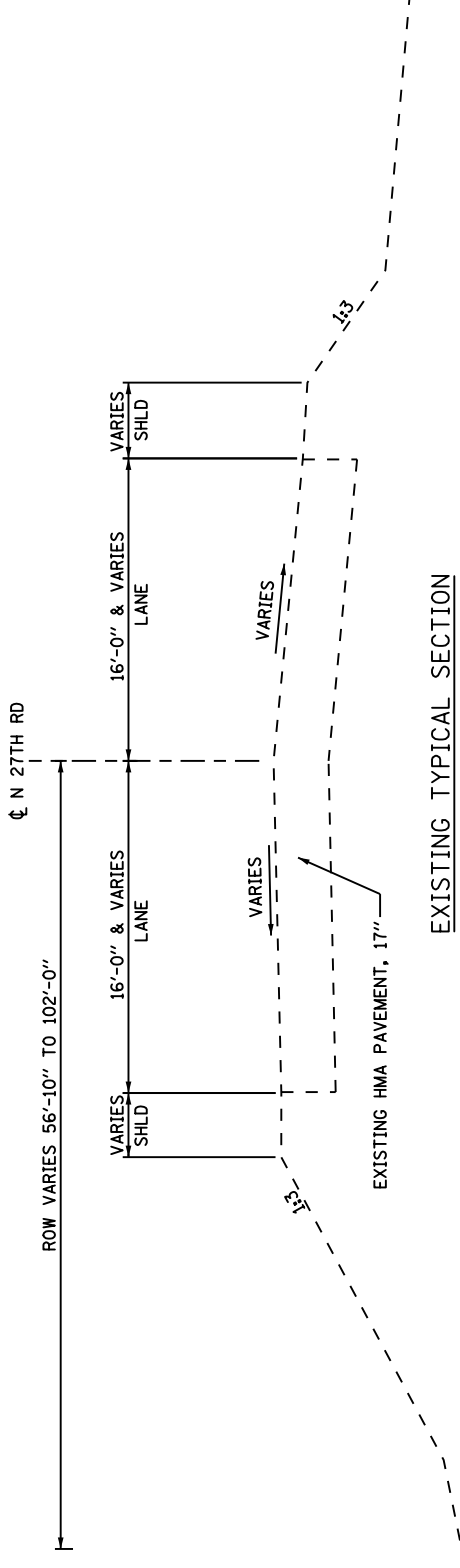
PR IL 178 STA 47+50.00 TO STA 51+30.00



**PROPOSED TYPICAL SECTION**

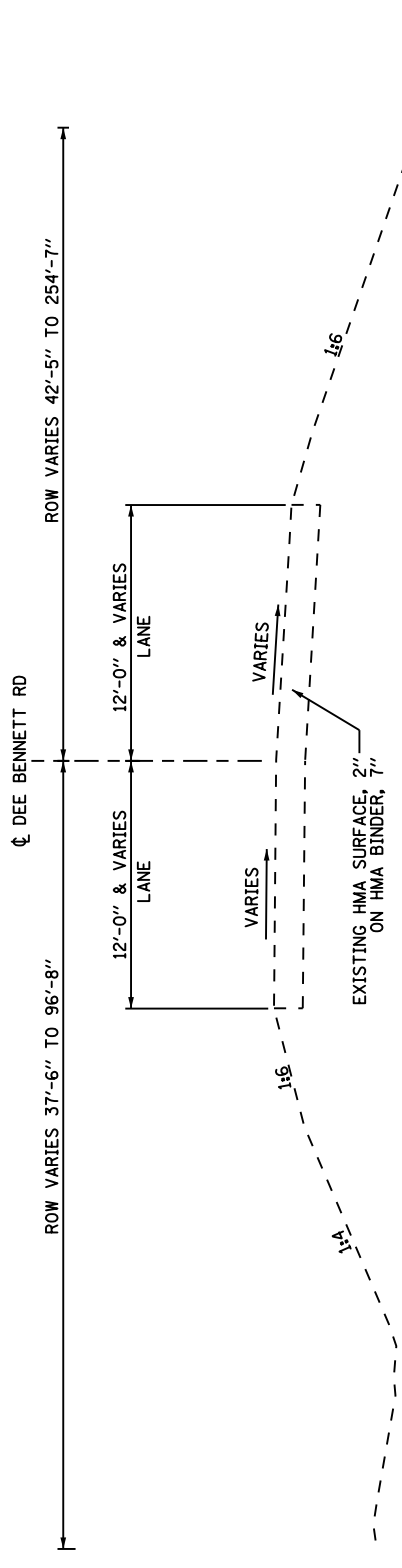
PR IL 178 STA 51+30.00 TO STA 54+00.00

<b>WSP</b> PARSONS BRINCKERHOFF 30 North LaSalle Street, Suite 4200 Chicago, IL 60602 FAX# (312) 782-1684 (312) 782-6150 FAX#	USER NAME = lsmas PLOT SCALE = 1/8"=1'-0" PLOT DATE = 13-SEP-2016	DESIGNED - ACL DRAWN - ACL CHECKED - WRP DATE - 8/5/2016	REVISIONS REVISION - REVISION - REVISION - REVISION -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS PROPOSED ILLINOIS ROUTE 178	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 24
	SCALE: NONE	SHEET NO. 4 OF 6	SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT P-93-035-01	CONTRACT NO. 66992				



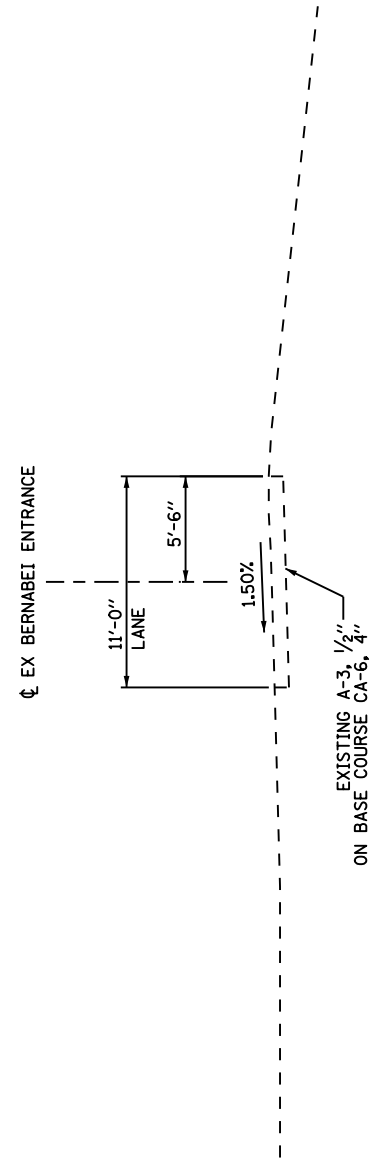
**EXISTING TYPICAL SECTION**

N 27TH RD STA 28+00.00 TO STA 30+35.00



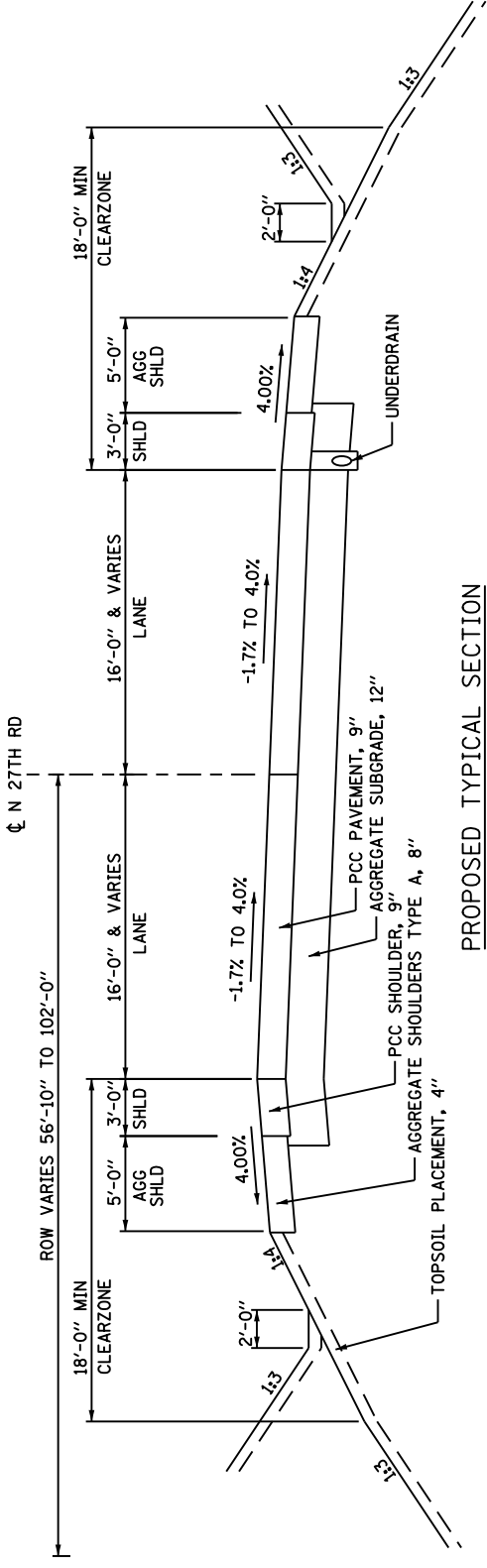
**EXISTING TYPICAL SECTION**

DEE BENNETT RD STA 30+59 TO STA 33+20.00



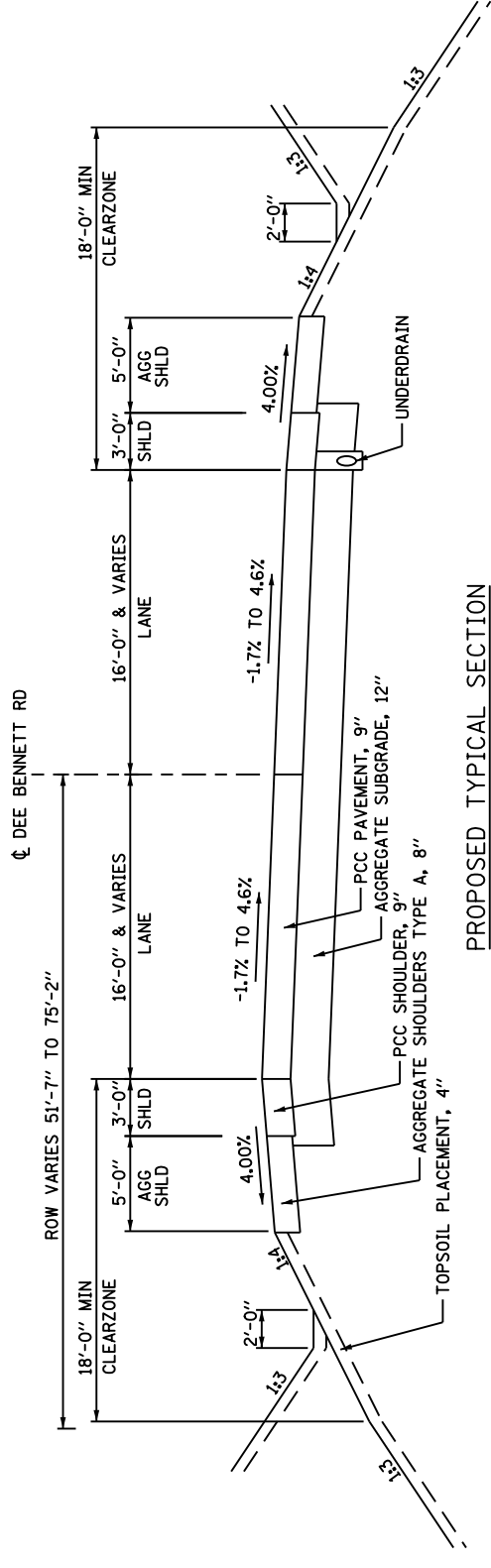
**EXISTING TYPICAL SECTION**

PR BERNABEI ENTRANCE STA 104+06.58 TO STA 111+10.16



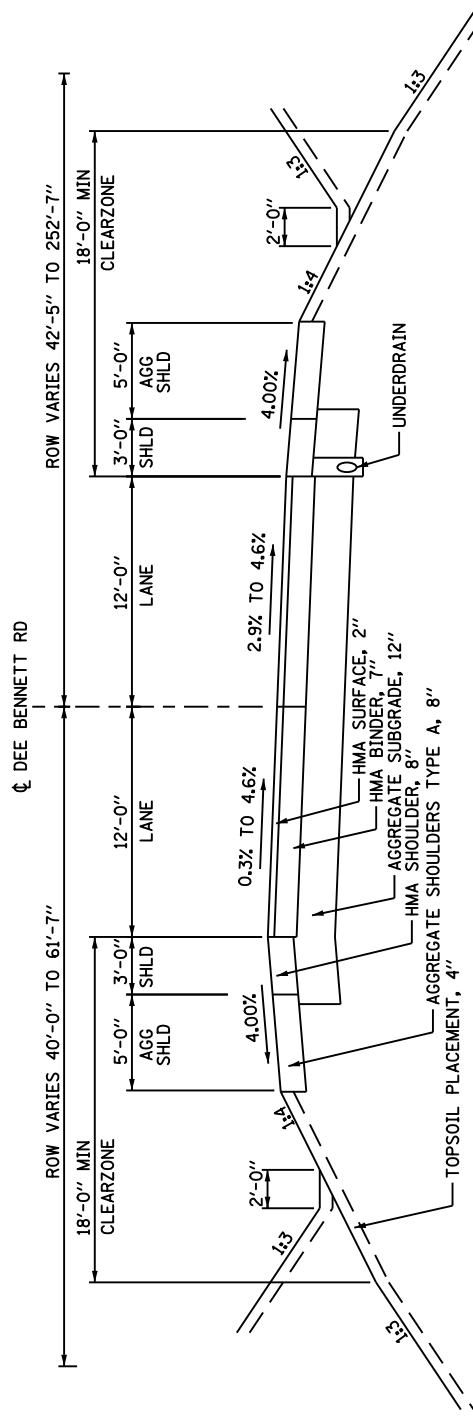
PROPOSED TYPICAL SECTION

N 27TH RD STA 28+00.00 TO STA 30+35.00



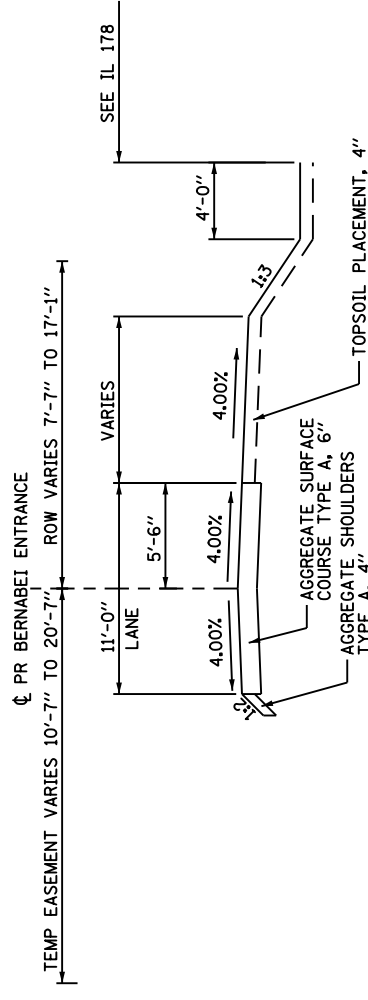
PROPOSED TYPICAL SECTION

DEE BENNETT RD STA 30+59.00 TO STA 31+40.77



PROPOSED TYPICAL SECTION

DEE BENNETT RD STA 31+40.77 TO STA 33+20.00



PROPOSED TYPICAL SECTION

PR BERNABEI ENTRANCE STA 104+06.48 TO STA 110+97.09

PAVEMENT SCHEDULE																
LOCATION			GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE SURFACE COURSE, TYPE A, 6"	BITUMINOUS MATERIALS (PRIME COAT) (NOTE 1)	BITUMINOUS MATERIALS (TACK COAT) (NOTE 1)	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	PROTECTIVE COAT (NOTE 2)	SAW CUTS	AGGREGATE SHOULDERS, TYPE A, 6"	HOT-MIX ASPHALT SHOULDER, 8"	PORTLAND CEMENT CONCRETE SHOULDERS 9"
STATION FROM	STATION TO	OFFSET	SQ YD	SQ YD	SQ YD	POUND	POUND	TON	TON	TON	SQ YD	SQ YD	FOOT	SQ YD	SQ YD	SQ YD
IL-178																
1+00	3+73	LT/RT					585.29	36.42		72.84						
2+28	2+42	LT		8.36											8.36	
2+47	2+48	LT		2.95										2.95		
2+79	3+58	LT		35.59										35.59		
2+83	3+10	LT		18.00										18.00		
3+73	3+73	LT/RT											30.62			
3+73	4+43	RT												37.91		
3+73	11+80	RT		269.17							269.17					269.17
3+73	13+00	LT/RT	3,195													
3+73	23+18	LT/RT		5,188.20							5,188.20	5,188.20				
3+95	7+43	LT												190.65		
4+00	12+10	LT		269.11							269.11					269.11
4+88	11+80	RT												383.02		
7+78	8+72	LT												49.47		
9+06	9+53	LT												23.68		
9+83	12+10	LT												124.27		
13+84	18+00	LT												228.21		
13+84	23+18	LT		809.67							809.67					809.67
14+12	22+35	RT												454.82		
14+12	23+18	RT		362.62							362.62					362.62
35+37	51+30	LT/RT		6,981.58							6,981.58	6,981.58				
35+37	51+30	RT		1,935.89							1,935.89					1,935.89
35+37	51+39	LT		1,836.10							1,836.10					1,836.10
51+30	54+00	LT/RT					1,866.72	119.36		232.30						
51+30	51+30	LT/RT											86.79			
N 27TH RD																
28+00	30+32	RT												142.83		
28+00	30+32	LT												172.10		
28+00	30+35	RT		89.43							89.43					89.43
28+00	30+35	LT		103.72							103.72					103.72
28+00	30+35	LT/RT		1,312.43							1,312.43	1,312.43				
28+00	28+00	LT/RT											32.53			
DEE BENNETT RD																
30+59	31+41	LT/RT		489.46							489.46	489.46				
30+59	30+93	LT		23.99							23.99					23.99
30+59	30+93	RT		23.99							23.99					23.99
30+62	30+93	LT												36.28		
30+62	30+93	RT												36.28		
31+03	31+41	LT												13.27		13.27
31+03	31+41	RT										12.57				12.57
31+03	31+51	RT												24.91		
31+03	33+20	LT		74.45										125.04		
31+03	33+20	RT		70.87												
31+41	33+20	LT/RT		477.94		1,389.01	215.07		187.35	53.53						
31+41	33+20	LT												61.18		
31+41	33+20	RT												58.31		
31+91	33+20	RT												68.36		
33+20	33+20	LT/RT											26.21			
BERNABEI ENT																
104+07	110+97	LT/RT			843.96											
ROUNDED TOTAL			3,195	20,384	844	1,389	2,667	156	188	359	13,972	19,721	177	2,098	185	5,750

NOTES:  
1. ALSO SEE SHARED-USE PATH SCHEDULE AND ENTRANCE SCHEDULES.  
2. ALSO SEE ENTRANCE AND CURB AND GUTTER SCHEDULE.

CURB AND GUTTER AND ISLANDS SCHEDULE						
LOCATION			PROTECTIVE COAT (NOTE 1)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	CONCRETE ISLAND (SPECIAL)
STATION FROM	STATION TO	OFFSET	SQ YD	FOOT	FOOT	SQ FT
IL-178						
0+83	1+19	LT	15.34	57.63		
1+54	1+88	LT	12.73	48.66		
46+50	51+35	LT	80.32		482.44	
51+53	51+79	LT	76.51			688.55
ROUNDED TOTAL			185	106.5	482.5	689

NOTES:  
1. ALSO SEE PAVEMENT AND ENTRANCE SCHEDULE.

TREE REMOVAL SCHEDULE			
LOCATION			TREE REMOVAL, ACRES
STATION FROM	STATION TO	OFFSET	ACRE
IL-178			
9+82	9+92	LT	0.002
12+31	12+41	RT	0.002
15+36	25+87	LT	2.663
15+50	17+00	RT	0.065
17+04	17+14	RT	0.002
23+00	24+15	RT	0.210
34+00	51+18	LT	4.677
34+40	35+50	RT	0.159
43+68	49+27	RT	0.145
50+33	50+69	RT	0.001
51+26	51+31	RT	0.0001
ROUNDED TOTAL			8.00

FOR INFORMATION ONLY	
TREE REMOVAL (6 TO 15 UNITS DIAMETER)	1179
TREE REMOVAL (OVER 15 UNITS DIAMETER)	38

ROW MARKER SCHEDULE			
LOCATION			FURNISHING AND ERECTING RIGHT OF WAY MARKERS
STATION	DIST. (FT)	OFFSET	EACH
IL-178			
0+97.50	43.00	LT	1
8+58.91	60.00	LT	1
11+50.00	60.00	LT	1
12+21.92	80.00	LT	1
15+50.13	85.00	LT	1
18+00.00	125.00	LT	1
24+00.00	176.00	LT	1
24+78.51	176.00	LT	1
29+06.91	166.58	LT	1
29+28.43	31.25	LT	1
33+48.10	170.25	LT	1
DEE BENNETT RD			
31+67.20	45.00	LT	1
32+42.75	45.00	LT	1
32+42.75	40.00	LT	1
33+29.43	40.00	LT	1
33+29.43	33.00	LT	1
TOTAL			16



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 1 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	27
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

PAVEMENT REMOVAL SCHEDULE (NOTE 1)								
LOCATION			PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	COMBINATION CURB AND GUTTER REMOVAL	PAVED SHOULDER REMOVAL	ISLAND REMOVAL	APPROACH SLAB REMOVAL
STATION FROM	STATION TO	OFFSET	SQ YD	SQ YD	FOOT	SQ YD	SQ FT	SQ YD
IL-178								
0+83	1+00	LT			32.73			
1+00	3+73	LT/RT		867.09				
1+54	1+71	LT			24.80			
3+73	11+77	LT				332.39		
3+73	12+09	RT				275.32		
3+73	23+09	LT/RT	5,175.24					
13+51	23+38	RT				611.00		
13+61	23+49	RT			992.07			
13+69	23+38	LT/RT				622.50		
14+24	23+49	RT			927.03			
23+09	23+49	LT/RT						109.61
35+06	40+49	RT			542.75			
35+07	35+47	LT/RT						108.48
35+07	47+20	RT			1,211.85			
35+47	51+30	LT/RT	6,222.22					
35+20	51+30	LT				1,111.01		
35+20	51+30	RT				1,154.90		
40+99	51+30	RT/LT			1,029.37			
51+30	54+00	LT/RT		2,813.89				
51+53	51+79	LT					253.19	
N 27TH RD								
28+00	29+88	LT/RT	1,027.33					
DEE BENNETT RD								
30+12	33+20	LT/RT	1,126.36					
30+11	31+43	RT				128.61		
30+14	31+42	LT				100.11		
BERNABEI ENT								
100+12	100+48	LT/RT	197.36					
104+07	110+97	LT/RT	859.93					
ROUNDED TOTAL			14,609	3,681	4,761	4,336	254	219

NOTES:  
1. ALSO SEE ENTRANCE AND GUARDRAIL SCHEDULES FOR ADDITIONAL REMOVALS.

ENTRANCE SCHEDULE										
LOCATION			PROTECTIVE COAT (NOTE 1)	BITUMINOUS MATERIALS (PRIME COAT) (NOTE 2)	BITUMINOUS MATERIALS (TACK COAT) (NOTE 2)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	DRIVEWAY PAVEMENT REMOVAL (NOTE 3)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"
STATION FROM	STATION TO	OFFSET	SQ YD	POUND	POUND	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
IL-178										
1+00	1+71	LT						143.43		
1+07	1+67	LT	138.98				138.98			
1+76	2+31	LT	126.94				126.94			
1+81	2+28	LT						125.11		
2+22	3+05	LT		291.41	58.28					129.52
2+33	3+14	RT						129.96		
2+33	2+97	LT						120.79		
2+51	3+06	RT	101.76				101.76			
3+54	4+00	LT	123.78				123.78			
4+31	5+05	RT						146.36		
4+38	4+93	RT	144.96				144.96			
7+39	7+83	LT	130.91				130.91			
8+63	9+05	LT						154.62		
8+67	9+11	LT	131.11				131.11			
9+29	9+74	LT						41.76		
9+48	9+88	LT	111.11			111.11				
BERNABEI ENT										
100+12	100+48	LT/RT		259.30	25.93				115.25	
ROUNDED TOTAL			1,010	551	85	112	899	863	116	130

NOTES:  
1. ALSO SEE PAVEMENT AND CURB AND GUTTER SCHEDULES.  
2. ALSO SEE PAVEMENT AND SHARED-USE PATH SCHEDULES.  
3. ALSO SEE PAVEMENT REMOVAL AND GUARDRAIL SCHEDULES FOR ADDITIONAL REMOVALS.

SHARED-USE PATH SCHEDULE												
LOCATION			80% ST/ 20%VIL	80% FED 20%ST	80% ST/ 20%VIL	80% FED 20%ST	80% ST/ 20%VIL	80% FED 20%ST	80% ST/ 20%VIL	80% FED 20%ST	80% ST/ 20%VIL	80% FED 20%ST
LOCATION			AGGREGATE BASE COURSE TYPE A 6"		BITUMINOUS MATERIALS (PRIME COAT) (NOTE 1)		HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30		DETECTABLE WARNINGS		BICYCLE RAILING (NOTE 2)	
STATION FROM	STATION TO	OFFSET	SQ YD		POUND		TON		SQ FT		FOOT	
IL-178												
0+87	1+19	LT	33.55		75.48		3.76					
0+91	0+93	LT							20.00			
1+54	1+88	LT	37.88		85.22		4.24					
2+22	2+51	LT	30.25		68.07		3.39					
2+45	2+47	LT							20.00			
2+76	3+63	LT	95.35		214.53		10.68					
2+79	2+81	LT							20.00			
3+89	7+48	LT	398.12		895.77		44.59					
7+72	8+77	LT	115.68		260.28		12.96					
9+01	9+58	LT	64.02		144.05		7.17					
9+78	12+78	LT	329.89		742.26		36.95					
12+72	12+78	LT							22.93			
13+16	13+21	LT								22.94		
13+16	23+18	LT		1,111.60		2,501.10		124.50				
14+00	23+35	LT										935.12
35+20	51+20	LT										1,603.66
35+37	51+19	LT		1,753.95		3,946.40		196.44				
51+09	51+19	LT								21.81		
SUBTOTAL			1,104.74	2,865.55	2,485.66	6,447.50	123.73	320.94	82.93	44.75	0.00	2,538.78
ROUNDED TOTAL			3,971		8,933		445		128			2,539

NOTES:  
1. ALSO SEE PAVEMENT AND ENTRANCE SCHEDULES.  
2. ALSO SEE STRUCTURE BILL OF MATERIALS.



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE: N.T.S.	SHEET NO. 2 OF 12 SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(I) BR & I	LASALLE	430	28
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



EARTHWORK - PRE-STAGE							
LOCATION		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXC ADJ FOR SHRINKAGE (25%)	EMBANKMENT	TOPSOIL EXCAVATION AND PLACEMENT	EARTHWORK BALANCE (+/-)
STATION FROM	STATION TO	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
IL 178							
1+00	23+50	0	0	0	0	0	0
35+00	51+30	0	0	0	0	0	0
N 27TH RD							
27+00	30+50	65	0	50	115	0	-65
DEE BENNETT RD							
30+50	35+00	130	0	100	125	0	-25
ROUNDED TOTAL		195	0	150	240	0	-90

EARTHWORK - STAGE 1							
LOCATION		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXC ADJ FOR SHRINKAGE (25%)	EMBANKMENT	TOPSOIL EXCAVATION AND PLACEMENT	EARTHWORK BALANCE (+/-)
STATION FROM	STATION TO	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
IL 178							
1+00	23+50	1,160	0	870	79,680	5,915	-78,810
35+00	51+30	115	8,090	90	106,985	9,640	-106,895
N 27TH RD							
27+00	30+50	125	0	95	515	0	-420
DEE BENNETT RD							
30+50	35+00	40	0	30	865	0	-835
ROUNDED TOTAL		1,440	8,090	1,085	188,045	15,555	-186,960

EARTHWORK - STAGE 1A							
LOCATION		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXC ADJ FOR SHRINKAGE (25%)	EMBANKMENT	TOPSOIL EXCAVATION AND PLACEMENT	EARTHWORK BALANCE (+/-)
STATION FROM	STATION TO	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
IL 178							
1+00	23+50	1,175	0	885	2,070	0	-1,185
35+00	51+30	0	0	0	0	0	0
N 27TH RD							
27+00	30+50	60	0	45	0	0	45
DEE BENNETT RD							
30+50	35+00	30	0	25	440	0	-415
ROUNDED TOTAL		1,265	0	955	2,510	0	-1,555

EARTHWORK - STAGE 2							
LOCATION		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXC ADJ FOR SHRINKAGE (25%)	EMBANKMENT	TOPSOIL EXCAVATION AND PLACEMENT	EARTHWORK BALANCE (+/-)
STATION FROM	STATION TO	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
IL 178							
1+00	23+50	2,770	0	2,080	2,670	810	-590
35+00	51+30	390	0	295	8,860	1,315	-8,565
N 27TH RD							
27+00	30+50	100	0	75	300	0	-225
DEE BENNETT RD							
30+50	35+00	0	0	0	0	0	0
ROUNDED TOTAL		3,260	0	2,450	11,830	2,125	-9,380

EARTHWORK - STAGE 2A							
LOCATION		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXC ADJ FOR SHRINKAGE (25%)	EMBANKMENT	TOPSOIL EXCAVATION AND PLACEMENT	EARTHWORK BALANCE (+/-)
STATION FROM	STATION TO	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
IL 178							
1+00	23+50	0	0	0	35	0	-35
35+00	51+30	0	0	0	0	0	0
N 27TH RD							
27+00	30+50	0	0	0	0	0	0
DEE BENNETT RD							
30+50	35+00	0	0	0	0	0	0
ROUNDED TOTAL		0	0	0	35	0	-35

EARTHWORK - POST STAGE							
LOCATION		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXC ADJ FOR SHRINKAGE (25%)	EMBANKMENT	TOPSOIL EXCAVATION AND PLACEMENT	EARTHWORK BALANCE (+/-)
STATION FROM	STATION TO	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
IL 178							
1+00	23+50	0	0	0	0	0	0
35+00	51+30	0	0	0	0	0	0
N 27TH RD							
27+00	30+50	740	0	555	105	0	450
DEE BENNETT RD							
30+50	35+00	455	0	345	70	0	275
ROUNDED TOTAL		1,195	0	900	175	0	725

EARTHWORK - SUMMARY						
LOCATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXC ADJ FOR SHRINKAGE (25%)	EMBANKMENT	TOPSOIL EXCAVATION AND PLACEMENT	EARTHWORK BALANCE (+/-)
STAGE	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
PRE-STAGE	195	0	150	240	0	-90
STAGE 1	1,440	8,090	1,085	188,045	15,555	-186,960
STAGE 1A	1,265	0	955	2,510	0	-1,555
STAGE 2	3,260	0	2,450	11,830	2,125	-9,380
STAGE 2A	0	0	0	35	0	-35
POST STAGE	1,195	0	900	175	0	725
ROUNDED TOTAL	7,355	8,090	5,540	202,835	17,680	-197,295

MAINTENANCE OF TRAFFIC SCHEDULE																
STAGE	ENGINEER'S FIELD OFFICE, TYPE A	TRAFFIC CONTROL SURVEILLANCE	CHANGEABLE MESSAGE SIGN	PAVEMENT REMOVAL - WATER BLASTING	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 8"	TEMPORARY PAVEMENT MARKING - LINE 12"	TEMPORARY PAVEMENT MARKING - LINE 24"	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE. NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE. NARROW), TEST LEVEL 3	BARRIER WALL REFLECTORS, TYPE B	TEMPORARY PAVEMENT REMOVAL	PINNING TEMPORARY CONCRETE BARRIER	TEMPORARY PAVEMENT
	CAL MO	CAL DA	CAL MO	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	SQ YD	EACH	SQ YD
PRE-STAGE														2,519.11		2,519.11
STAGE 1				6,017.44	12,545.07		16.73	24.23	3,459.00		6		155	3,751.33	792	3,751.33
STAGE 1A				2,860.95	8,363.60			36.54	598.00	901.54	2	5	27	170.19	201	170.19
STAGE 2				11,306.29	25,357.88	202.08		31.55		2,612.14		4		227.78	92	227.78
STAGE 2A				1,365.28	3,509.35	132.51		53.58								
DURATION OF CONSTRUCTION	30	300	72													
ROUNDED TOTAL	30	300	72	21,550	49,776	335	17	146	4,062.5	3,525.0	8	9	182	6,669	1,085	6,669



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 7 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(I) BR & I	LASALLE	430	29
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

DRAINAGE REMOVALS																	
CONSTRUCTION CODE						BRIDGE	UTILITY	BRIDGE	BRIDGE	BRIDGE/UTILITY	BRIDGE/UTILITY	UTILITY	UTILITY	UTILITY	UTILITY	BRIDGE	UTILITY
LOCATION						PIPE CULVERT REMOVAL <sup>1</sup>	FIRE HYDRANTS TO BE REMOVED	FILLING CATCH BASINS	FILLING INLETS	ABANDON AND FILL EXISTING SANITARY MH	FILL EXISTING SANITARY SEWERS	SANITARY MANHOLES TO BE ADJUSTED	SANITARY MANHOLES TO BE RECONSTRUCTED	VALVE BOXES TO BE REMOVED	VALVE BOXES TO BE ADJUSTED	PLUG EXISTING STORM SEWERS <sup>2</sup>	SANITARY FORCE MAIN REMOVAL <sup>3</sup>
STATION FROM	OFFSET	STATION TO	OFFSET	RIM EL.	SHEET NO.	FOOT	EACH	EACH	EACH	EACH	CU YD	EACH	EACH	EACH	EACH	EACH	FOOT
IL 178																	
1+08.86	27.35 LT	1+58.34	26.86 LT		REM PLAN - 1	49.7											
1+84.87	28.96 LT	2+25.33	29.58 LT		REM PLAN - 1	40.6											
2+45.82	29+14 LT	2+91.16	30.41 LT		REM PLAN - 1	45.5											
3+64.18	31.36 LT	4+06.09	32.16 LT		REM PLAN - 1	41.9											
7+35.15	18.07 LT	7+72.54	15.07 LT		REM PLAN - 1	37.4											
8+67.15	8.76 LT	9+07.80	5.88 LT		REM PLAN - 1	40.7											
9+34.38	3.76 LT	9+72.26	0.91 LT		REM PLAN - 1	38.0											
2+52.75	30.82 RT	3+10.95	32.31 RT		REM PLAN - 1	58.0											
4+35.92	35.67 RT	4+92.69	37.19 RT		REM PLAN - 1	57.0											
1+68.16	37.16 RT				REM PLAN - 1		1										
8+19.92	60.19 LT				REM PLAN - 1		1										
48+77.91	5.20 RT				D&U PLAN - 4			1									
13+97.07	29.88 RT				D&U PLAN - 1				1								
14+59.00	67.55 RT				D&U PLAN - 1				1								
17+97.97	30.14 RT				D&U PLAN - 2				1								
17+98.97	67.59 RT				D&U PLAN - 2				1								
22+18.05	30.14 RT				D&U PLAN - 2				1								
22+18.39	67.64 RT				D&U PLAN - 2				1								
36+46.21	29.24 RT				D&U PLAN - 3				1								
36+48.03	66.81 RT				D&U PLAN - 3				1								
40+43.13	17.26 RT				D&U PLAN - 3				1								
40+43.32	54.66 RT				D&U PLAN - 3				1								
43+14.42	3.36 RT				D&U PLAN - 3				1								
43+17.40	43.18 RT				D&U PLAN - 3				1								
43+19.37	3.30 RT				D&U PLAN - 3				1								
43+21.01	42.98 RT				D&U PLAN - 3				1								
44+59.91	8.09 LT				D&U PLAN - 3				1								
44+63.41	39.15 RT				D&U PLAN - 3				1								
47+97.33	30.75 LT				D&U PLAN - 4				1								
12+53.96	39.89 LT				D&U PLAN - 1					1							
15+58.44	40.39 LT				D&U PLAN - 2					1							
20+04.37	80.67 LT				D&U PLAN - 2					1							
8+54.48	39.22 LT	12+53.96	39.89 LT		D&U PLAN - 1					18.0							
12+53.96	39.89 LT	15+58.44	40.39 LT		D&U PLAN - 1					13.7							
15+58.44	40.39 LT	20+04.37	80.67 LT		D&U PLAN - 2					20.2							
20+04.37	80.67 LT	25+04.04	80.99 LT		D&U PLAN - 2					22.6							
4+04.22	29.38 LT			463.93	D&U PLAN - 1						1						
8+34.09	38.91 LT			464.86	D&U PLAN - 1						1						
8+54.48	39.22 LT			464.20	D&U PLAN - 1						1						
8+25.32	42.57 RT			460.92	D&U PLAN - 1							1					
1+68.72	30.52 RT				REM PLAN - 1								1				
8+20.07	60.00 LT				REM PLAN - 1								1				
8+42.93	38.21 LT			464.58	REM PLAN - 1									1			
13+97.07	29.88 RT	13+96.47	11.76 RT		D&U PLAN - 1										1		
14+59.00	67.55 RT	14+58.67	84.57 RT		D&U PLAN - 1										1		
17+97.97	30.14 RT	17+98.97	67.59 RT		D&U PLAN - 2										1		
17+98.97	67.59 RT	17+97.55	127.20 RT		D&U PLAN - 2										1		
22+18.39	67.64 RT	22+18.05	30.14 RT		D&U PLAN - 2										1		
22+18.05	30.14 RT	22+17.08	59.38 LT		D&U PLAN - 2										1		
36+46.21	29.24 RT	36+48.03	66.81 RT		D&U PLAN - 3										1		
36+48.03	66.81 RT	36+55.48	225.35 RT		D&U PLAN - 3										1		
40+43.32	54.66 RT	40+43.13	17.26 RT		D&U PLAN - 3										1		
40+43.13	17.26 RT	40+41.14	107.02 LT		D&U PLAN - 3										1		
43+21.01	42.98 RT	43+19.37	3.30 RT		D&U PLAN - 3										1		
43+19.37	3.30 RT	43+13.18	81.56 LT		D&U PLAN - 3										1		
44+59.91	8.09 LT	44+63.41	39.15 RT		D&U PLAN - 3										1		
44+63.41	39.15 RT	44+72.43	187.69 RT		D&U PLAN - 3										1		
48+77.91	5.20 RT	47+97.33	30.75 LT		D&U PLAN - 4										1		
47+97.33	30.75 LT	47+85.01	162.25 LT		D&U PLAN - 4										1		
8+25.32	42.57 RT	9+25.00	56.96 RT														98.4
ROUNDED TOTAL						409	2	1	17	3	75	3	1	2	1	16	99

PIPE UNDERDRAIN SCHEDULE				
LOCATION			PIPE UNDERDRAINS, TYPE 3	CONCRETE HEADWALLS FOR PIPE DRAINS
STATION FROM	STATION TO	OFFSET	FOOT	EACH
IL 178				
1+00.00	6+00.00	LT	518.00	1
1+00.00	6+00.00	RT	525.50	1
6+00.00	10+50.00	LT	468.00	1
6+00.00	10+50.00	RT	481.75	1
23+48.52	18+50.00	LT	532.20	1
23+48.52	18+50.00	RT	518.50	1
18+50.00	14+50.00	LT	449.50	1
18+50.00	14+50.00	RT	420.00	1
14+50.00	10+50.00	LT	418.00	0
14+50.00	10+50.00	RT	431.75	0
35+06.52	39+00.00	LT	422.50	1
35+06.52	39+00.00	RT	415.50	1
39+00.00	43+00.00	LT	429.00	1
39+00.00	43+00.00	RT	422.00	1
51+30.00	47+50.00	LT	409.00	1
51+30.00	47+50.00	RT	397.00	1
47+50.00	43+00.00	LT	479.00	0
47+50.00	43+00.00	RT	472.00	0
ROUNDED TOTAL			8,210	14

- NOTES:
- REMOVAL OF EXISTING PIPE CULVERTS SHALL INCLUDE ANY END SECTIONS ATTACHED TO THE CULVERT
  - THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE STORM SEWER ITEMS
  - THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SANITARY FORCE MAIN ITEMS



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE: N.T.S.	SHEET NO. 4 OF 12 SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(I) BR & I	LASALLE	430	30
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**DRAINAGE STRUCTURES SCHEDULE**

STRUCTURE NUMBER	QTY	D&U SHEET NUMBER	STATION	OFFSET	STRUCTURE TYPE				RIM ELEVATION	FRAME	ROCK EX. (CU YD)	INVERT ELEVATION <sup>1</sup>				CONSTRUCTION CODE
					MH	INL	END	DIA.				N	S	E	W	
1	1	1	0+92.23	45.33 LT			PRC EFES	23"x14"	-	-			463.10 (SW)			BRIDGE
2	1	1	1+00.00	22.84 LT		B		3'	465.18	8 (FLAT TOP)		463.08 (NE)	463.08			BRIDGE
2A	1	1	1+13.93	14.87 LT	A			4'	465.31	1CL (FLAT TOP)		463.07 (NE)	463.07			BRIDGE
3	1	1	4+18.01	27.61 LT			PRC EFES	23"x14"	-	-		462.75				BRIDGE
3A	1	1	4+01.27	17.50 LT	A			4'	464.98	1CL (FLAT TOP)		462.78	462.78 (SE)			BRIDGE
4	1	1	7+32.00	37.50 LT			PRC EFES	30"x19"	-	-			461.80			BRIDGE
4A	1	1	7+44.86	30.39 LT	A			4'	464.54	1CL (FLAT TOP)		461.76 (NE)	461.76			BRIDGE
5	1	1	7+32.10	32.26 LT			PRC EFES	30"x19"	-	-			461.80			BRIDGE
5A	1	1	7+43.71	25.84 LT	A			4'	464.59	1CL (FLAT TOP)		461.76 (NE)	461.76			BRIDGE
6	1	1	8+60.00	44.17 LT		A		2'	463.93	8				461.45		BRIDGE
7	1	1	8+60.00	31.23 LT	A			4'	463.89	1CL (FLAT TOP)		461.42	461.42			BRIDGE
8	1	1	9+87.98	39.70 LT			PRC EFES	30"x19"	-	-		461.04				BRIDGE
8A	1	1	9+57.16	31.39 LT	A			4'	462.86	1CL (FLAT TOP)		461.13	461.13 (SE)			BRIDGE
9	1	1	9+88.00	35.00 LT			PRC EFES	30"x19"	-	-		461.04				BRIDGE
9A	1	1	9+57.77	26.85 LT	A			4'	463.64	1CL (FLAT TOP)		461.12	461.12 (SE)			BRIDGE
10	1	1	11+61.06	41.06 LT			PRC EFES	30"x19"	-	-			460.51 (SE)			BRIDGE
11	1	1	11+62.94	36.94 LT			PRC EFES	30"x19"	-	-			460.51 (SE)			BRIDGE
12	1	1	12+39.06	76.74 LT			PRC EFES	30"x19"	-	-		460.28 (NW)				BRIDGE
13	1	1	12+40.94	72.62 LT			PRC EFES	30"x19"	-	-		460.28 (NW)				BRIDGE
14	1	1	12+68.07	84.64 LT			END SECT	36"	-	TRAV. GRATE <sup>2</sup>			460.23			BRIDGE
15	1	1	13+26.45	81.24 LT			END SECT	36"	-	TRAV. GRATE <sup>2</sup>		460.02				BRIDGE
16	1	1	2+52.96	29.98 RT			PRC EFES	23"x14"	-	-			461.91			BRIDGE
17	1	1	3+10.77	30.68 RT			PRC EFES	23"x14"	-	-		461.83				BRIDGE
18	1	1	4+36.61	38.33 RT			PRC EFES	23"x14"	-	-			461.77			BRIDGE
19	1	1	4+94.87	38.44 RT			PRC EFES	23"x14"	-	-		461.69				BRIDGE
20	1	1	12+55.09	97.00 RT			END SECT	30"	-	TRAV. GRATE <sup>2</sup>			459.69			BRIDGE
21	1	1	13+33.81	97.00 RT			END SECT	30"	-	TRAV. GRATE <sup>2</sup>		459.39				BRIDGE
22	1	1	9+25.00	51.00 LT	SANITARY			4'	463.36	1CL (FLAT TOP)	12.0	454.46	454.36			BRIDGE
23	1	1	13+86.43	51.00 LT	SANITARY			4'	467.43	1CL (FLAT TOP)	13.6	452.74	452.64			BRIDGE
24	1	2	18+30.10	118.48 LT	SANITARY			4'	459.75	1CL (FLAT TOP)	8.4	451.07	450.97			BRIDGE
25	1	2	23+28.37	160.00 LT	SANITARY			4'	458.52	1CL (FLAT TOP)	2.8	449.22	449.12			BRIDGE
26	1	2	25+24.50	160.00 LT			SEE DETAIL	18"	-	-		448.43				BRIDGE
27	1	4	46+50.00	31.23 LT		B		3'	487.65	23			483.50			BRIDGE
28	1	4	46+49.90	52.82 LT			PRC FES	15"	-	-				483.31		BRIDGE
	1	MOT-13	40+43.13	24.5 ± RT		TEMP										BRIDGE
	1	MOT-13	43+14.42	17.5 ± RT		TEMP										BRIDGE
	1	MOT-13	43+19.37	17.5 ± RT		TEMP										BRIDGE
	1	MOT-13	44+59.91	8.0 ± RT		TEMP										BRIDGE
	1	MOT-10	5+50.00	53.11 RT			METAL ES	18								BRIDGE
	1	MOT-11	12+00.55	97.00 RT			PRC FES	30								BRIDGE
	1	MOT-11	13+49.25	97.00 RT			PRC FES	30								BRIDGE
	1	MOT-11	12+45.66	85.95 LT			PRC FES	36								BRIDGE
	1	MOT-11	13+96.47	73.24 LT			PRC FES	12								BRIDGE
	1	MOT-11	22+16.20	141.53 LT			PRC FES	15								BRIDGE
	1	MOT-13	40+40.74	132.02 LT			PRC FES	18								BRIDGE
	1	MOT-13	43+11.03	128.51 LT			PRC FES	18								BRIDGE
										TOTAL	37					

- NOTES:  
 1. END SECTION STATION, OFFSET, AND INVERT CORRESPOND TO LOCATION OF PIPE CONNECTION. DIRECTION PROVIDED IS FACING PIPE.  
 2. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR END SECTION.

**PROPOSED RIPRAP SCHEDULE**

RIPRAP NUMBER	STRUCTURE NUMBER	STATION <sup>1</sup>	OFFSET <sup>2</sup>		RIPRAP DETAIL						QUANTITY (SQ YD)	CONSTRUCTION CODE
					ROCK	MIN THICKNESS	APRON LENGTH (FT)	APRON WIDTH (FT)	BEDDING	MIN THICKNESS		
1	3	4+03.76	28.7	LT	A3	15"	12.0	5.0	-	-	6.7	BRIDGE
2	8,9	9+91.74	37.5	LT	A3	15"	15.0	9.0	-	-	15.0	BRIDGE
3	12,13	12+43.42	76.2	LT	A3	15"	15.0	9.0	-	-	15.0	BRIDGE
4	15	13+30.19	81.0	LT	A4	16"	20.0	9.0	A1	6"	20.0	BRIDGE
5	21	13+37.56	97.0	RT	A4	16"	20.0	9.0	A1	6"	20.0	BRIDGE
6	-	23+57.44	96.0	LT	A3	12"	60.0	12.0	-	-	109.0	BRIDGE
7	26	25+28.33	160.0	LT	A4	16"	54.0	15.0	A1	6"	90.0	BRIDGE
8	-	43+18.88	85.1	LT	A3	12"	60.0	12.0	-	-	80.0	BRIDGE
9	28	46+49.84	56.6	LT	A3	12"	25.3	4.0	-	-	11.2	BRIDGE
10	-	50+00.00	98.5	LT	A3	12"	400.0	12.3	-	-	546.7	BRIDGE

- NOTES:  
 1. STATION INDICATED IS AT THE BEGINNING OF THE APRON  
 2. OFFSET INDICATED IS AT THE APRON CENTERLINE OR FLOWLINE



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>			
SCALE: N.T.S.	SHEET NO. 5 OF 12 SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	31
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

PIPE SCHEDULE															
PIPE NUMBER	D&U SHEET NUMBER	FROM STRUCTURE	TO STRUCTURE	INVERT U/S	INVERT D/S	LENGTH (FT)	SLOPE (%)	TYPE	DIAMETER (IN)	TB (CU YD)	ROCK EX (CU YD)	CLASS	MATERIAL	NOTES	CONSTRUCTION CODE
1	1	1	2	463.10	463.08	22.3	0.1	1	23X14	1.4		A	RCEP		BRIDGE
1A	1	2	2A	463.08	463.07	12.6	0.1	1	23x14	1.0		A	RCEP		BRIDGE
2	1	2A	3A	463.07	462.78	283.8	0.1	1	23X14	25.5		A	RCEP		BRIDGE
2A	1	3A	3	462.78	462.75	17.5	0.2	1	23x14	1.3		A	RCEP		BRIDGE
3	1	4A	7	461.76	461.42	110.8	0.3	1	30X19	12.1		A	RCEP		BRIDGE
3A	1	4	4A	461.80	461.76	12.7	0.3	1	30x19	1.6		A	RCEP		BRIDGE
4	1	5A	9A	461.76	461.12	209.8	0.3	1	30X19	22.9		A	RCEP		BRIDGE
4A	1	5	5A	461.80	461.76	11.2	0.3	1	30x19	1.2		A	RCEP		BRIDGE
5	1	6	7	461.45	461.42	9.9	0.3	1	12	-		A	RCP		BRIDGE
6	1	7	8A	461.42	461.13	93.2	0.3	1	30X19	10.2		A	RCEP		BRIDGE
6A	1	8A	8	461.13	461.04	29.9	0.3	1	30x19	3.3		A	RCEP		BRIDGE
7	1	STA. 9+25.00 OFF 56.96 RT	STA. 8+25.32 OFF 42.57 RT	FIELD CHK	456.04	98.4	-	-	6	-		-	HDPE FORCE MAIN		UTILITY
8	1	STA. 7+85.12 OFF 28.33 RT	STA. 8+31.99 OFF 36.51 LT	455.27	455.11	80.0	0.2	-	24	98.6		-	PVC		UTILITY
9	1	10	12	460.51	460.28	85.8	0.3	1	30X19	9.4		A	RCEP		BRIDGE
10	1	11	13	460.51	460.28	85.8	0.3	1	30X19	13.7		A	RCEP		BRIDGE
11	1	14	15	460.23	460.02	51.8	0.4	1	36	14.6		A	RCP		BRIDGE
12	1	16	17	461.91	461.83	57.6	0.1	1	23X14	6.0		A	RCEP		BRIDGE
13	1	18	19	461.77	461.69	58.5	0.1	1	23X14	8.6		A	RCEP		BRIDGE
14	1	20	21	459.69	459.39	75.2	0.4	1	30	42.9		A	RCP		BRIDGE
15	1	STA. 8+54.48 OFF 39.22 LT	22	454.96	454.46	72.0	0.7	-	18	96.5	70.1	-	PVC		UTILITY
16	1	22	23	454.36	452.74	462.0	0.35	-	18	753.5	637.0	-	PVC		UTILITY
17	1	23	24	452.64	451.07	449.0	0.35	-	18	-	470.3	-	PVC		UTILITY
18	2	24	25	450.97	449.22	500.0	0.35	-	18	-	294.9	-	PVC		UTILITY
19	2	25	26	449.12	448.43	197.0	0.35	-	18	-	10.6	-	PVC		UTILITY
20	4	27	28	483.50	483.31	15.4	1.2	1	15	4.2		A	RCP		BRIDGE
21	1	9A	9	461.12	461.04	29.3	0.3	1	30x19	3.2		A	RCEP		BRIDGE
	MOT-10	3+10.95	4+35.92	461.83	461.77	125.0	0.05	-	18	13.3		-	CMP	TEMP	BRIDGE
	MOT-10	4+92.69	5+50.00	461.38	461.62	59.7	BACKPITCHED	-	18	6.3		-	CMP	TEMP	BRIDGE
	MOT-11	29+50.00		459.89	459.69	47.6	0.42	1	30	42.2		A	RCP	TEMP	BRIDGE
	MOT-11	29+50.00		459.39	459.34	11.2	0.42	1	30	8.4		A	RCP	TEMP	BRIDGE
	MOT-11	31+30.00		460.30	460.23	14.7	0.48	1	36	19.3		A	RCP	TEMP	BRIDGE
	MOT-11	13+96.47		459.50	459.81	103.0	BACKPITCHED	2	12	104.8		A	RCP	TEMP	BRIDGE
	MOT-11	22+17.10		FIELD CHK	457.35	82.0	-	5	15	-		A	RCP	TEMP	BRIDGE
	MOT-13	40+41.14		449.46	449.34	25.0	0.48	5	18	-		A	RCP	TEMP	BRIDGE
	MOT-13	43+13.18		450.99	449.85	47.0	2.4	5	18	-		A	RCP	TEMP	BRIDGE
									TOTAL	1,326	1,483				

NOTES:  
1. REFER TO MOT CROSS SECTIONS FOR DETAILS ON TEMPORARY PIPE CONNECTIONS

WATER MAIN SCHEDULE (ALL ITEMS 100% VILLAGE)															
LOCATION				TRENCH BACKFILL	WATER MAIN 6"	ROCK EXCAVATION FOR STRUCTURES	WATER MAIN TO BE ABANDONED <sup>1</sup>	DUCTILE IRON WATER MAIN REDUCER, 4"x6"	WATER VALVES 6"	TAPPING VALVES AND SLEEVES 6"	WATER SERVICE LINE 1"	FIRE HYDRANTS	VALVE BOX	STEEL CASINGS 15"	
STATION FROM	OFFSET	STATION TO	OFFSET	D&U SHEET NUMBER	CU YD	FOOT	CU YD	FOOT	EACH	EACH	FOOT	EACH	EACH	FOOT	
IL 178															
1+74.58	17.38 RT	3+36.52	22.10 RT	1	95.2	161.6	-								
3+36.52	22.10 RT	3+52.79	40.56 RT	1	-	24.6	-								
3+52.79	40.56 RT	4+08.11	44.05 RT	1	-	55.5	-								
4+08.11	44.05 RT	5+50.00	54.35 RT	1	40.1	143.0	-								
5+50.00	54.35 RT	5+50.00	61.56 LT	1	-	115.9	-								
5+50.00	61.56 LT	8+19.92	65.09 LT	1	-	268.2	26.3								
1+74.58	17.38 RT	3+36.52	22.10 RT	1				161.6							
3+36.52	22.10 RT	5+50.00	25.33 RT	1				213.8							
5+50.00	25.33 RT	8+32.64	44.37 RT	1				284.3							
8+32.64	44.37 RT	8+33.61	8.96 RT	1				35.4							
8+33.61	8.96 RT	8+35.90	8.30 LT	1				17.4							
8+35.90	8.30 LT	8+19.92	60.19 LT	1				54.3							
1+74.58	17.38 RT			1				1							
1+79.37	17.63 RT			1				1							
1+85.42	22.00 RT			1				1							
8+12.59	65.09 LT			1				1							
4+08.11	44.05 RT			1					1						
4+08.11	44.05 RT	4+08.41	50.92 RT	1	-					6.9					
1+85.25	27.00 RT			1							1				
8+19.92	65.09 LT			1							1				
1+79.37	17.63 RT			1								1			
1+85.42	22.00 RT			1								1			
8+12.59	65.09 LT			1								1			
5+50.00	39.27 RT	5+50.00	50.73 LT	1	31.7									90.0	
ROUNDED TOTAL					167	769	27	767	1	3	1	7	2	3	90

NOTES:  
1. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF WATER MAIN



DESIGNED - RC	REVISED - --	-----
DRAWN - RC	REVISED - --	-----
CHECKED - ST	REVISED - --	-----
DATE - 08/2016	REVISED - --	-----

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS
1279	(I) BR & I	LASALLE	430
			SHEET NO. 32
CONTRACT NO. 66992			
SCALE: N.T.S.	SHEET NO. 6 OF 12 SHEETS	STA.	TO STA.

ILLINOIS	FED. AID PROJECT
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**EROSION CONTROL AND LANDSCAPING SCHEDULE**

LOCATION			TEMPORARY FENCE	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SEEDING, CLASS 2A	SEEDING, CLASS 3	MULCH, METHOD 2	HEAVY DUTY EROSION CONTROL BLANKET	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS A3	FILTER FABRIC
STATION FROM	STATION TO	OFFSET	FOOT	POUND	POUND	POUND	ACRE	ACRE	ACRE	SQ YD	FOOT	FOOT	EACH	SQ YD	SQ YD
IL-178												1,197.25			
0+83	12+55	LT													
0+86	1+19	LT		0.43	0.43	0.43	0.005		0.005						
0+91	-	LT											1		
0+91	1+16	LT		0.29	0.29	0.29	0.003			15.75					
1+00	-	LT											1		
1+53	1+87	LT		0.49	0.49	0.49	0.005		0.005						
1+56	1+85	LT		0.47	0.47	0.47	0.005			25.13					
2+22	2+42	LT		0.23	0.23	0.23	0.003			12.33					
2+22	2+48	LT		0.35	0.35	0.35	0.004		0.004						
2+41	2+61	RT		0.38	0.38	0.38	0.004			20.68					
2+50	-	RT											1		
2+79	3+62	LT		0.82	0.82	0.82	0.009		0.009						
2+84	3+63	LT		1.86	1.86	1.86	0.021			99.98					
2+96	3+16	RT		0.38	0.38	0.38	0.004			20.36					
3+50	4+48	RT		2.18	2.18	2.18	0.024			117.00					
3+73	4+48	RT										78.62			
3+88	7+48	LT		1.90	1.90	1.90	0.021		0.021						
3+89	7+48	LT		15.57	15.57	15.57	0.173			837.16					
4+04	4+16	LT												6.67	6.67
4+34	-	RT											1		
4+83	11+89	RT										710.48			
4+83	12+09	RT		101.31	101.31	101.31	1.126			5,447.98					
5+90	-	RT									4.04				
6+90	-	RT									1.56				
7+18	-	LT											1		
7+72	8+77	LT		0.76	0.76	0.76	0.008		0.008						
7+72	8+77	LT		5.52	5.52	5.52	0.061			296.79					
7+89	-	RT									10.44				
8+60	-	LT											1		
8+89	-	RT									5.28				
9+01	9+58	LT		0.47	0.47	0.47	0.005		0.005						
9+01	9+58	LT		3.04	3.04	3.04	0.034			163.68					
9+78	12+45	LT		3.04	3.04	3.04	0.034			163.45					
9+78	12+63	LT		14.10	14.10	14.10	0.157			758.31					
9+89	-	RT									10.32				
9+92	10+07	LT												15.00	15.00
10+89	-	RT									11.04				
11+89	-	RT									11.64				
11+99	-	LT											1		
12+38	12+56	LT												15.00	15.00
12+53	-	RT											1		
12+65	-	LT											1		
13+20	23+62	RT		112.06	112.06	112.06	1.245		1.245						
13+29	13+49	LT												20.00	20.00
13+31	19+90	LT		17.93	17.93	17.93	0.199		0.199						
13+31	24+41	LT		178.55	178.55	178.55		1.984		9,602.28					
13+37	13+57	RT												20.00	20.00
13+45	23+90	LT										1,098.02			
13+50	17+00	RT		14.33	14.33	14.33		0.159		770.39					
13+97	-	LT									4.95				
14+00	24+52	RT										1,104.00			
14+34	-	RT									15.87				
14+97	-	LT									3.00				
15+33	-	RT									12.72				
15+97	-	LT									4.89				
16+33	-	RT									13.26				
16+97	-	LT									4.23				
17+07	24+34	LT		20.81	20.81	20.81	0.231		0.231						
17+59	-	LT									10.00				
17+95	-	LT									14.40				
18+59	-	LT									30.00				
18+94	-	LT									14.28				
19+59	-	LT									30.00				
19+93	-	LT									13.32				
20+58	-	LT									30.00				
20+93	-	LT									12.69				
SUBTOTAL			0.00	497.26	497.26	497.26	3.38	2.14	1.73	18,351.28	267.94	4,188.37	9	76.67	76.67



DESIGNED - RC	REVISED -
DRAWN - RC	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET NO. 7 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	33
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**EROSION CONTROL AND LANDSCAPING SCHEDULE (CONT.)**

LOCATION			TEMPORARY FENCE	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SEEDING, CLASS 2A	SEEDING, CLASS 3	MULCH, METHOD 2	HEAVY DUTY EROSION CONTROL BLANKET	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS A3	FILTER FABRIC
STATION FROM	STATION TO	OFFSET	FOOT	POUND	POUND	POUND	ACRE	ACRE	ACRE	SQ YD	FOOT	FOOT	EACH	SQ YD	SQ YD
IL -178															
21+58	-	LT									30.00				
21+93	-	LT									10.80				
22+58	-	LT									30.00				
22+93	-	LT									8.52				
23+51	23+94	LT												93.33	93.33
23+62	24+41	RT		9.25	9.25	9.25		0.103		497.48					
24+06	24+52	LT										165.42			
24+52	24+52	RT										137.10			
32+14	33+18	LT/RT													
33+48	43+10	LT											995.10		
33+51	53+03	RT										2,326.74			
33+53	53+01	RT	2,316.66												
34+09	35+06	RT		11.13	11.13	11.13		0.124		598.63					
34+09	51+35	LT		338.21	338.21	338.21		3.758		18,188.42					
34+50	43+11	LT	868.50												
35+06	40+50	RT		51.86	51.86	51.86	0.576		0.576						
35+59	-	LT									30.00				
36+58	-	LT									30.00				
37+58	-	LT									30.00				
38+57	-	LT									30.00				
39+56	-	LT									30.00				
40+50	51+50	RT		48.27	48.27	48.27		0.536		2,595.80					
40+56	-	LT									30.00				
41+56	-	LT									30.00				
42+56	-	LT									30.00				
43+12	43+26	LT											93.33	93.33	
43+27	52+30	LT	933.77									933.74			
43+56	-	LT									30.00				
44+56	-	LT									30.00				
45+56	-	LT									30.00				
46+00	50+00	LT											530.43	530.43	
46+50	-	LT											1		
46+56	-	LT									30.00				
47+56	-	LT									30.00				
48+59	-	LT									30.00				
49+63	-	LT									30.00				
N 27TH RD															
28+00	29+44	LT										253.51			
29+19	-	LT									5.52				
DEE BENNETT RD															
31+03	31+58	RT		1.48	1.48	1.48	0.016		0.016						
31+03	33+20	LT		9.89	9.89	9.89	0.110			532.01					
31+42	31+60	RT										16.91			
31+67	33+29	LT										179.47			
31+87	33+20	RT		2.51	2.51	2.51	0.028		0.028						
31+91	33+31	RT										141.17			
SUBTOTAL			4,118.93	472.62	472.62	472.62	0.73	4.52	0.62	22,412.34	534.84	5,149.16	1	717.10	717.10
ROUNDED TOTAL			4,119	990	990	990	4.25	6.75	2.50	40,764	803	9,338	10	794	794

NOTES:  
 1. TOTAL QUANTITIES FOR NUTRIENTS ROUNDED TO MATCH TOTAL SEEDING QUANTITIES.  
 2. ALSO SEE DRAINAGE AND STRUCTURAL SCHEDULES.



DESIGNED - RC	REVISED - _____
DRAWN - RC	REVISED - -- _____
CHECKED - ST	REVISED - -- _____
DATE - 08/2016	REVISED - -- _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>		
SCALE: N.T.S.	SHEET NO. 8 OF 12 SHEETS	STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	34
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

SIGNING SCHEDULE						
LOCATION		80%ST/20%VIL	80%FED 20%ST	80%FED 20%ST	80%ST/20%VIL	80%FED 20%ST
STATION	DESCRIPTION	SQ FT	SQ FT	SQ FT	FOOT	
IL 178						
IL 178/US 6	WARNING, 11'-0"		16.00			17.5
IL 178/US 6	W-12102, 1.8 MILES AHEAD	3.00				
1+02	R1-1, STOP	2.25			11.5	
1+02	R5-3, NO MOTOR VEHICLES	4.00			12	
1+78	M4-6, END	0.75			12	
1+78	D11-1, BIKE ROUTE	3.00				
1+78	D11-1, BIKE ROUTE	3.00			12	
1+78	D1-1, STATE PARK 1	1.00				
4+93	W11-2, PEDESTRIAN	9.00				14
5+30	W2-1, INTERSECTION	9.00				16
5+30	W16-8P, DEE BENNETT RD	1.67				
6+80	RECREATIONAL, STATE PARKS		10.50			30
7+90	GUIDE, NORTH UTICA 1400	10.00				16.5
7+90	R2-1, SPEED LIMIT 35	7.50				
7+90	R2-1, SPEED LIMIT 45	7.50				15
8+80	RS-076, WILDLIFE VIEWING AREA	6.00				16
8+80	M6-1, LEFT ARROW	2.19				
10+80	M6-1, LEFT ARROW	2.19				
10+80	M6-1, LEFT ARROW	2.19				32
10+80	GUIDE/RECREATION, NAPLATE		15.00			
11+82	M3-1, NORTH	2.00				
11+82	M1-1100, ILLINOIS 178	4.00				
11+82	M4-5, TO	2.00				35
11+82	M1-1, INTERSTATE 80	4.00				
11+82	M6-3, UP ARROW	2.19				
12+51	R5-3, NO MOTOR VEHICLES	4.00			12	
12+62	R1-1, STOP	2.25			11.5	
13+32	R1-1, STOP	2.25			11.5	
13+32	R5-3, NO MOTOR VEHICLES	4.00			12	
13+57	STREET, IL 178	2.25				13
13+57	STREET, N 27TH RD	2.25				
14+62	M3-3, SOUTH	2.00				15
14+62	M1-1100, ILLINOIS 178	5.00				
15+09	GUIDE/RECREATION, NAPLATE		15.00			30
17+09	M6-6, UP/RIGHT	2.19				16
17+09	W14-3, NO PASSING ZONE		9.89			
17+89	R2-1, SPEED LIMIT 45	7.50				14
17+89	R2-1, SPEED LIMIT 55	7.50				15
19+09	RECREATIONAL, STATE PARKS		10.50			28
21+09	W2-1, INTERSECTION	9.00				15
21+09	W16-8P, DEE BENNETT RD	1.67				
21+89	W3-5, SPEED LIMIT 45 AHEAD	9.00				14
23+33	I-3, ILLINOIS RIVER	3.75				13.5
35+25	I-3, ILLINOIS RIVER	3.75				13.5
38+80	W6-3, TWO WAY TRAFFIC	9.00				16
38+80	REGULATORY, NO PARKING	4.00				
43+50	W2-2, T INTERSECTION	9.00				15
43+50	W16-8P, STARVED ROCK PARK ENTRANCE	2.50				
43+80	REGULATORY, NO PARKING	4.00				13
44+61	R4-6, TRUCK LANE 500 FEET	5.00				13.5
47+59	RECREATIONAL, STARVED ROCK PARK		21.00			29
50+05	D11-1, BIKE ROUTE	3.00				12
50+05	D1-1, NORTH UTICA 1 1/4	1.00				
50+05	M4-6, END	0.75				12
50+05	D11-1, BIKE ROUTE	3.00				
50+41	M3-1, NORTH	2.00				
50+41	M1-1100, ILLINOIS 178	5.00				15
50+41	REGULATORY, NO PARKING	4.00				
51+02	R5-3, NO MOTOR VEHICLES	4.00				12
51+06	R1-1, STOP	2.25				11.5
IL 178/IL 71	W-12102, 0.8 MILES AHEAD	3.00				17.5
IL 178/IL 71	WARNING, 11'-0"		16.00			
N 27TH RD						
28+06	R2-1, SPEED LIMIT 25	7.5				15
28+50	REGULATORY, PENALTY FOR DUMPING	4.38				14
29+23	REGULATORY, CLASS III TRUCK ROUTE	4				14
SUBTOTAL		34.25	199.90	113.89	118.50	564.50

SIGNING SCHEDULE (CONT.)						
LOCATION		80%ST/20%VIL	80%FED 20%ST	80%FED 20%ST	80%ST/20%VIL	80%FED 20%ST
STATION	DESCRIPTION	SQ FT	SQ FT	SQ FT	FOOT	
N 27TH RD						
29+97	R1-1, STOP	6.25				14.5
DEE BENNETT RD						
31+06	R1-1, STOP	6.25				14.5
31+14	REGULATORY, CLASS III TRUCK ROUTE	5				
31+14	M1-6, LASALLE COUNTY 34	4				32
31+14	GUIDE, DEE BENNETT ROAD	7.5				
31+29	REGULATORY, END CLASS III TRUCK ROUTE	5				14.5
31+41	W1-2R, RIGHT CURVE	9				16.5
31+41	W13-1, 35 MPH	2.25				
32+03	M6-1, LEFT ARROW	2.19				17
32+52	EX SPECIAL & EX WARNING					18
32+81	M6-1, LEFT ARROW	2.19				15
STARVED ROCK ENTRANCE						
100+46	R1-1, STOP	6.25				12.5
SUBTOTAL		0.00	55.88	0.00	0.00	154.50
ROUNDED TOTAL		34.25	255.77	114	118.50	719.00

GUARDRAIL SCHEDULE											
LOCATION			STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	GUARDRAIL REMOVAL (NOTE 1)	GUARDRAIL REFLECTORS TYPE A	TERMINAL MARKER - DIRECT APPLIED	RUB RAIL
STATION FROM	STATION TO	OFFSET	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	FOOT
IL-178											
15+16	23+46	LT						830.68			
15+19	23+46	RT						827.39			
18+13	23+34	LT							7		452.02
18+13	-	LT					1			1	
18+65	22+78	LT	412.50								
22+42	-	RT					1			1	
22+42	23+50	RT							1		
23+34	-	LT			1						
23+50	-	RT			1						
35+05	-	RT			1						
35+05	51+39	RT							20		
35+14	51+30	LT						1,615.59			
35+14	51+30	RT						1,621.05			
35+20	-	LT			1						
35+20	51+35	LT							20		1,512.50
35+65	51+39	RT	1580.77								
35+81	50+56	LT	1472.5								
51+06	-	LT				1				1	
51+27	-	LT		1							
ROUNDED TOTAL			3,475	1	4	1	2	4,895	48	3	1,975

NOTES:  
I. ALSO SEE ENTRANCE AND PAVEMENT REMOVAL SCHEDULES FOR ADDITIONAL REMOVALS.



DESIGNED - RC	REVISED - --	-----
DRAWN - RC	REVISED - --	-----
CHECKED - ST	REVISED - --	-----
DATE - 08/2016	REVISED - --	-----

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET NO.	OF 12 SHEETS	STA. TO STA.
N.T.S.	8		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	35
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**PAVEMENT MARKING SCHEDULE**

LOCATION				80%FED 20%ST PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	80%FED 20%ST PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	80%FED 20%ST PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	80%ST/20%VIL 80%FED 20%ST PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	80%FED 20%ST POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	80%ST/20%VIL 80%FED 20%ST POLYUREA PAVEMENT MARKING TYPE II - LINE 6"	80%FED 20%ST POLYUREA PAVEMENT MARKING TYPE II - LINE 12"	80%FED 20%ST RAISED REFLECTIVE PAVEMENT MARKER	80%FED 20%ST RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	80%FED 20%ST LINEAR DELINEATOR PANELS, 6 INCH	80%FED 20%ST GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	80%FED 20%ST GROOVING FOR RECESSED PAVEMENT MARKING 7"	80%FED 20%ST GROOVING FOR RECESSED PAVEMENT MARKING 9"	80%ST/20%VIL 80%FED 20%ST GROOVING FOR RECESSED PAVEMENT MARKING 25"			
STATION FROM	STATION TO	OFFSET	DESCRIPTION	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	SQ FT	FOOT	FOOT	FOOT			
IL-178																				
1+00	12+50	RT	SOLID WHITE					1158.00												
1+00	12+61	LT	SOLID WHITE					1161.00												
1+00	12+80	LT/RT	DASHED YELLOW						295.00		30									
1+02	1+02	LT	SOLID WHITE				5.00										5.00			
1+02	1+19	LT	DASHED YELLOW						4.25											
1+54	1+88	LT	DASHED YELLOW						8.50											
2+22	2+47	LT	DASHED YELLOW						6.25											
2+79	3+62	LT	DASHED YELLOW						20.75											
3+88	7+48	LT	DASHED YELLOW						90.00											
7+72	8+77	LT	DASHED YELLOW						26.25											
9+01	9+58	LT	DASHED YELLOW						14.25											
9+78	12+62	LT	DASHED YELLOW						71.00											
12+62	12+62	LT	SOLID WHITE				5.00										5.00			
12+72	13+21	LT	SOLID WHITE		49.00										49.00					
12+75	-	LT	SOLID WHITE							3.00										
12+78	13+16	LT	SOLID WHITE		38.00										38.00					
12+78	-	LT	SOLID WHITE							9.00										
12+80	12+96	LT	SOLID WHITE				16.00										16.00			
12+81	-	LT	SOLID WHITE							9.00										
12+84	-	LT	SOLID WHITE							9.00										
12+87	-	LT	SOLID WHITE							9.00										
12+90	-	LT	SOLID WHITE							9.00										
12+93	-	LT	SOLID WHITE							9.00										
12+96	13+33	RT	SOLID WHITE				37.00										37.00			
12+96	-	LT	SOLID WHITE							9.00										
12+99	-	LT	SOLID WHITE							9.00										
13+02	-	LT	SOLID WHITE							9.00										
13+05	-	LT	SOLID WHITE							9.00										
13+08	-	LT	SOLID WHITE							9.00										
13+11	-	LT	SOLID WHITE							9.00										
13+14	-	LT	SOLID WHITE							9.00										
13+17	-	LT	SOLID WHITE							8.00										
13+20	-	LT	SOLID WHITE							2.00										
13+29	51+98	LT	SOLID WHITE					3897.00												
13+31	13+31	LT	SOLID WHITE				5.00										5.00			
13+31	51+05	LT/RT	DASHED YELLOW						943.50											
13+33	23+49	LT	DASHED YELLOW						254.00											
13+33	23+18	LT/RT									25									
13+41	58+94	RT	SOLID WHITE					4570.00												
17+09	23+49	LT/RT	SOLID YELLOW					640.00												
23+18	35+36	LT/RT										30								
23+19	35+36	LT											15							
23+19	35+36	RT											15							
23+49	51+67	LT/RT	DOUBLE YELLOW					5637.00												
35+36	51+67	LT/RT									41									
39+13	51+67	LT/RT	DOUBLE YELLOW					2344.00			31									
39+51	-	RT	SOLID YELLOW							1.00										
39+81	-	RT	SOLID YELLOW							2.00										
40+11	-	RT	SOLID YELLOW							3.00										
40+41	-	RT	SOLID YELLOW							4.00										
40+71	-	RT	SOLID YELLOW							5.00										
41+01	-	RT	SOLID YELLOW							6.00										
41+31	-	LT/RT	SOLID YELLOW							8.00										
41+61	-	LT/RT	SOLID YELLOW							9.00										
41+91	-	LT/RT	SOLID YELLOW							11.00										
42+21	-	LT/RT	SOLID YELLOW							11.00										
42+51	-	LT/RT	SOLID YELLOW							12.00										
42+81	-	LT/RT	SOLID YELLOW							13.00										
43+11	-	LT/RT	SOLID YELLOW							14.00										
43+40	-	LT/RT	SOLID YELLOW							15.00										
43+70	-	LT/RT	SOLID YELLOW							16.00										
44+00	-	LT/RT	SOLID YELLOW							16.00										
44+30	-	LT/RT	SOLID YELLOW							17.00										
44+59	-	LT/RT	SOLID YELLOW							18.00										
44+89	-	LT/RT	SOLID YELLOW							19.00										
SUBTOTAL				0.00	87.00	0.00	10.00	58.00	19,407.00	241.25	1,492.50	330.00	126	30	30	0.00	87.00	0.00	10.00	58.00



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>			
SCALE: N.T.S.	SHEET NO. 10 OF 12 SHEETS	STA.	TO STA.

F.A.S. RTE. 1279	SECTION (I) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 36
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING SCHEDULE (CONT.)**

LOCATION				80%FED 20%ST	80%FED 20%ST	80%FED 20%ST	80%ST/20%VIL	80%FED 20%ST	80%FED 20%ST	80%ST/20%VIL	80%FED 20%ST	80%FED 20%ST	80%FED 20%ST	80%FED 20%ST	80%FED 20%ST	80%FED 20%ST	80%ST/20%VIL	80%FED 20%ST		
DESCRIPTION				PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	POLYUREA PAVEMENT MARKING TYPE II - LINE 6"	POLYUREA PAVEMENT MARKING TYPE II - LINE 12"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	LINEAR DELINEATOR PANELS, 6 INCH	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 25"			
STATION FROM	STATION TO	OFFSET	DESCRIPTION	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	SQ FT	FOOT	FOOT	FOOT			
IL-178																				
45+19	-	LT/RT	SOLID YELLOW							20.00										
45+48	-	LT/RT	SOLID YELLOW							21.00										
45+78	-	LT/RT	SOLID YELLOW							21.00										
46+08	-	LT/RT	SOLID YELLOW							22.00										
46+38	-	LT/RT	SOLID YELLOW							23.00										
46+67	-	LT/RT	SOLID YELLOW							24.00										
46+97	-	LT/RT	SOLID YELLOW							25.00										
47+27	-	LT/RT	SOLID YELLOW							25.00										
47+57	-	LT/RT	SOLID YELLOW							25.00										
47+80	49+61	RT	DOTTED WHITE			45.25										45.25				
47+86	-	LT/RT	SOLID YELLOW							23.00										
48+16	-	LT/RT	SOLID YELLOW							21.00										
48+45	-	LT/RT	SOLID YELLOW							18.00										
48+74	-	LT	SOLID YELLOW							15.00										
49+04	-	LT	SOLID YELLOW							13.00										
49+33	-	LT	SOLID YELLOW							10.00										
49+61	51+61	RT	SOLID WHITE			200.00										200.00				
49+61	58+94	RT	SOLID WHITE			938.00										938.00				
49+62	-	LT	SOLID YELLOW							8.00										
49+86	-	LT/RT	LEFT ARROW	11.30									11.30							
49+92	-	LT	SOLID YELLOW							8.00										
50+22	-	LT	SOLID YELLOW							8.00										
50+52	-	LT	SOLID YELLOW							8.00										
50+61	-	LT/RT	LEFT ARROW	11.30									11.30							
50+82	-	LT	SOLID YELLOW							8.00										
51+06	51+06	LT	SOLID WHITE				5.00											5.00		
51+12	-	LT	SOLID YELLOW							8.00										
51+19	51+55	LT	SOLID WHITE		36.00										36.00					
51+20	-	LT	SOLID WHITE							1.00										
51+23	-	LT	SOLID WHITE							2.00										
51+26	-	LT	SOLID WHITE							3.00										
51+29	-	LT	SOLID WHITE							4.00										
51+32	-	LT	SOLID WHITE							6.00										
51+35	-	LT	SOLID WHITE							7.00										
51+38	51+68	LT	SOLID WHITE		30.00										30.00					
51+38	-	LT	SOLID WHITE							9.00										
51+39	51+82	LT	SOLID WHITE			43.00										43.00				
51+39	51+94	LT	SOLID WHITE			68.00										68.00				
51+41	-	LT	SOLID WHITE							9.00										
51+42	-	LT	SOLID YELLOW							8.00										
51+44	-	LT	SOLID WHITE							9.00										
51+46	51+74	LT	SOLID WHITE				28.00											28.00		
51+47	-	LT	SOLID WHITE							9.00										
51+50	-	LT	SOLID WHITE							9.00										
51+53	-	LT	SOLID WHITE							9.00										
51+56	-	LT	SOLID WHITE							8.00										
51+59	-	LT	SOLID WHITE							6.00										
51+62	-	LT	SOLID WHITE							4.00										
51+65	-	LT	SOLID WHITE							2.00										
51+82	51+94	LT	SOLID WHITE			42.00										42.00				
51+84	52+66	LT	SOLID WHITE		82.00										82.00					
51+86	-	LT	SOLID WHITE							5.00										
51+87	52+58	LT	SOLID WHITE		71.00											71.00				
51+88	52+07	LT	SOLID WHITE				19.00											19.00		
51+89	-	LT	SOLID WHITE							9.00										
51+92	-	LT	SOLID WHITE							9.00										
51+95	-	LT	SOLID WHITE							9.00										
51+98	-	LT	SOLID WHITE							9.00										
52+01	-	LT	SOLID WHITE							9.00										
52+04	-	LT	SOLID WHITE							9.00										
52+07	-	LT	SOLID WHITE							9.00										
52+10	-	LT	SOLID WHITE							9.00										
52+13	-	LT	SOLID WHITE							9.00										
52+16	-	LT	SOLID WHITE							9.00										
52+19	-	LT	SOLID WHITE							9.00										
<b>SUBTOTAL</b>				22.60	219.00	1,336.25	0.00	52.00	0.00	0.00	0.00	563.00	0	0	0	22.60	219.00	1,336.25	0.00	52.00



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET NO. 11 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	37
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**PAVEMENT MARKING SCHEDULE (CONT.)**

LOCATION				80%FED 20%ST	80%FED 20%ST	80%FED 20%ST	80%ST/20%VIL	80%FED 20%ST	80%FED 20%ST	80%ST/20%VIL	80%FED 20%ST	80%FED 20%ST	80%FED 20%ST	80%FED 20%ST	80%FED 20%ST	80%FED 20%ST	80%ST/20%VIL	80%FED 20%ST	
STATION FROM   STATION TO   OFFSET   DESCRIPTION				PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	POLYUREA PAVEMENT MARKING TYPE II - LINE 6"	POLYUREA PAVEMENT MARKING TYPE II - LINE 12"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	LINEAR DELINEATOR PANELS, 6 INCH	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 25"		
				SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	SQ FT	FOOT	FOOT	FOOT		
IL-178																			
52+22	-	LT	SOLID WHITE							9.00									
52+25	-	LT	SOLID WHITE							9.00									
52+28	-	LT	SOLID WHITE							9.00									
52+31	-	LT	SOLID WHITE							9.00									
52+34	-	LT	SOLID WHITE							9.00									
52+36	58+94	LT	DOUBLE YELLOW					1325.00			16								
52+36	58+47	RT	DOUBLE YELLOW					1223.00			15								
52+37	-	LT	SOLID WHITE							9.00									
52+40	-	LT	SOLID WHITE							9.00									
52+43	-	LT	SOLID WHITE							9.00									
52+46	-	LT	SOLID WHITE							9.00									
52+49	-	LT	SOLID WHITE							9.00									
52+51	58+94	LT	SOLID WHITE					683.00											
52+52	-	LT	SOLID WHITE							9.00									
52+55	-	LT	SOLID WHITE							9.00									
52+58	-	LT	SOLID WHITE							9.00									
52+61	-	LT	SOLID WHITE							5.00									
52+64	-	LT	SOLID WHITE							2.00									
52+66	-	LT/RT	SOLID YELLOW							21.00									
52+98	-	LT/RT	SOLID YELLOW							25.00									
53+28	-	LT/RT	SOLID YELLOW							25.00									
53+58	-	LT/RT	SOLID YELLOW							25.00									
53+88	-	LT/RT	SOLID YELLOW							25.00									
54+18	-	LT/RT	SOLID YELLOW							25.00									
54+48	-	LT/RT	SOLID YELLOW							25.00									
54+78	-	LT/RT	SOLID YELLOW							24.00									
55+08	-	LT/RT	SOLID YELLOW							23.00									
55+38	-	LT/RT	SOLID YELLOW							22.00									
55+68	-	LT/RT	SOLID YELLOW							20.00									
55+98	-	LT/RT	SOLID YELLOW							17.00									
56+28	-	LT/RT	SOLID YELLOW							15.00									
56+58	-	LT/RT	SOLID YELLOW							13.00									
56+88	-	LT/RT	SOLID YELLOW							10.00									
57+18	-	LT/RT	SOLID YELLOW							8.00									
57+48	-	LT/RT	SOLID YELLOW							6.00									
57+78	-	LT/RT	SOLID YELLOW							4.00									
58+08	-	RT	SOLID YELLOW							2.00									
N 27TH RD																			
28+00	30+06	LT	SOLID WHITE					233.00											
28+00	30+06	RT	SOLID WHITE					194.00											
28+00	29+97	RT	DOUBLE YELLOW					394.00			5								
DEE BENNETT RD																			
30+79	33+20	LT	SOLID WHITE					252.00											
30+83	33+20	RT	SOLID WHITE					237.00											
31+07	33+20	LT/RT	DOUBLE YELLOW					426.00			5								
STARVED ROCK ENTRANCE																			
100+48	101+00	LT	DOUBLE YELLOW					104.00			1								
100+52	101+00	RT	DOUBLE YELLOW					96.00			1								
100+53	-	LT/RT	SOLID YELLOW							13.00									
100+66	-	LT/RT	SOLID YELLOW							19.00									
100+81	-	LT/RT	SOLID YELLOW							19.00									
100+95	-	LT/RT	SOLID YELLOW							15.00									
SUBTOTAL				0.00	0.00	0.00	0.00	0.00	5,167.00	0.00	0.00	525.00	45	0	0	0.00	0.00	0.00	0.00
ROUNDED TOTAL				23	306	1,337	120	24,574	1,734	1,418	171	30	30	23	306	1,337	120		



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET NO. 12 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	38
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

FILE 178-5

CONTRACT NO. 66992

FAS RTE 178 LOCATION: ILLINOIS RIVER BRIDGE SOUTH OF UTICA LASALLE COUNTY

INDEX NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
PC000	PC Station 0+00	NONE	TYPE 1	NO	1
PI18638	PI Station 1+86.38	NONE	TYPE 1	NO	1
PRC37269	PRC Station 3+72.69	NONE	TYPE 1	NO	1
PI61585	PI Station 6+15.85	NONE	TYPE 1	NO	1
PT85891	PT Station 8+58.91	NONE	TYPE 1	NO	1
F36	W QTR COR SEC 16, T33N, R2E, 3RD PM	PIPE	TYPE 1	YES	1
PC353553	PC Station 35+35.53	NONE	TYPE 1	NO	1
PI3764.61	PI Station 37+64.61	NONE	TYPE 1	NO	1
PT399360	PT Station 39+93.60	NONE	TYPE 1	NO	1
PC477993	PC Station 47+79.93	NONE	TYPE 1	NO	1
PI4829.15	PI Station 48+29.15	NONE	TYPE 1	NO	1
PCC487835	PT Station 48+78.35 Back = PC Station 48+79.20 Ahead	NONE	TYPE 1	NO	1
PI520295	PI Station 52+02.95	NONE	TYPE 1	NO	1
PT552187	PT Station 55+21.87	NONE	TYPE 1	NO	1

LISTED SECTION CORNER LOCATION HAS BEEN RECORDED BY GPS. PRE CONSTRUCTION TIES BY THE R.E. ARE NOT REQUIRED. THE R.E. MUST TIE AND BRING TO THE ATTENTION OF THE PLATS AND PLANS MANAGER ANY ADDITIONAL UNLISTED MONUMENTS FOUND. UPON PAVING COMPLETION, THE R.E. WILL DIRECT THE PLATS AND PLANS MANAGER TO STAKE THE LOCATIONS FOR TYPE 1 MONUMENT CORING. IDOT PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORD.

**RESPONSIBILITY:**

- 1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
- 2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

FILE NAME = T:\168788 - IL178 Phase 2\Civil\Sheets\0366992-ht-est-bldgn

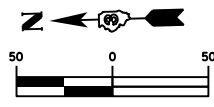
**WSP** PARSONS BRINCKERHOFF  
 30 North LaSalle Street, Suite 4200  
 Chicago, IL 60602  
 (312) 782-8150 FAX# (312) 782-1684

USER NAME = lanes	DESIGNED - ACL	REVISED -
	DRAWN - ACL	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - WRP	REVISED -
PLOT DATE = 10-AUG-2016	DATE - 8/5/2016	REVISED -

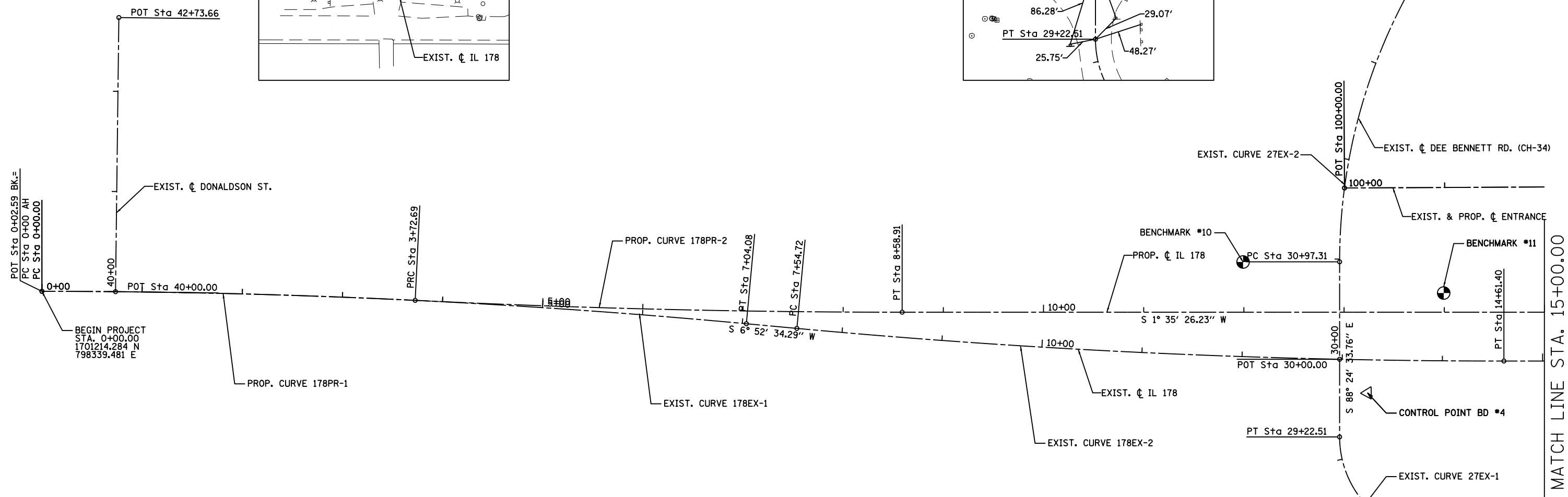
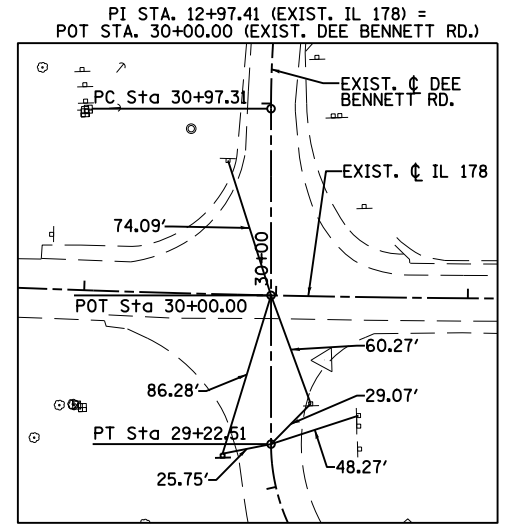
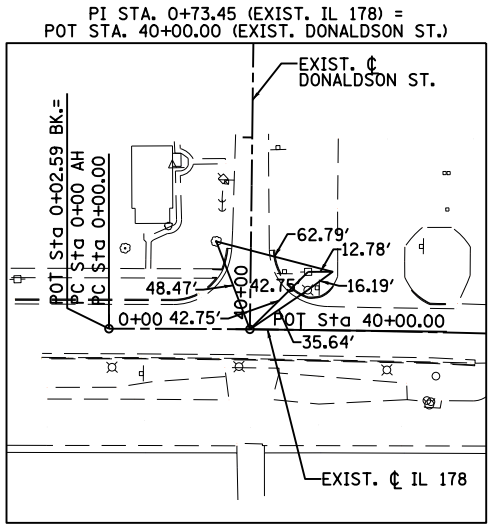
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**  
 SCALE: NONE SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 39
			CONTRACT NO. 66992	
ILLINOIS FED. AID PROJECT P-93-035-01				



SURVEY CONTROL POINTS		
CONTROL POINT BD #4 1699894.7760 N 798201.2990 E ELEV.=465.701	BENCHMARK #10 RR SPIKE IN PP 1700015.0900 N 798335.4890 E ELEV.=462.6110	BENCHMARK #11 3/4" DIA. PIPE 1699815.7800 N 798298.9580 E ELEV.=461.149



EXIST. CURVE 178EX-1 PI STA. = 3+52.29 Δ = 5° 18' 14" (RT) D = 0° 45' 12" R = 7,605.83' T = 352.29' L = 704.08' E = 8.15' e = 2.0% P.C. STA. = 0+00.00 1701214.284 N 798339.481 E P.T. STA. = 7+04.08 1700512.366 N 798287.637 E	PROP. CURVE 178PR-1 PI STA. = 1+86.38 Δ = 2° 48' 27" (RT) D = 0° 45' 12" R = 7,605.83' T = 186.38' L = 372.69' E = 2.28' e = NC P.C. STA. = 0+00.00 1701214.284 N 798339.481 E P.R.C. STA. = 3+72.69 1700842.132 N 798320.134 E	PROP. CURVE 178PR-2 PI STA. = 6+15.85 Δ = 2° 47' 09" (LT) D = 0° 34' 23" R = 10,000.00' T = 243.16' L = 486.22' E = 2.96' e = NC P.R.C. STA. = 3+72.69 1700842.132 N 798320.134 E P.T. STA. = 8+58.91 1700356.623 N 798294.829 E	EXIST. CURVE 178EX-2 PI STA. = 11+08.31 Δ = 5° 17' 08" (LT) D = 0° 44' 53" R = 7,660.42' T = 353.59' L = 706.68' E = 8.16' e = NC P.C. STA. = 7+54.72 1700462.091 N 798281.574 E P.T. STA. = 14+61.40 1699757.590 N 798229.426 E	EXIST. CURVE 27EX-1 PI STA. = 28+65.43 Δ = 90° 32' 54" (RT) D = 57° 17' 45" R = 100.00' T = 100.96' L = 158.04' E = 42.10' e = 4.0% T.R. = 33' S.E. RUN = 87' P.C. STA. = 27+64.47 1699825.464 N 798055.508 E P.T. STA. = 29+22.51 1699923.607 N 798158.267 E	EXIST. CURVE 27EX-2 PI STA. = 33+52.32 Δ = 48° 53' 09" (RT) D = 10° 12' 44" R = 561.05' T = 255.01' L = 478.70' E = 55.24' e = 4.6% T.R. = 27' S.E. RUN = 84' P.C. STA. = 30+97.31 1699918.755 N 798333.001 E P.T. STA. = 35+76.01 1699714.970 N 798750.202 E
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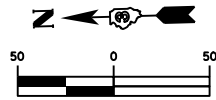
**WSP** PARSONS BRINCKERHOFF  
30 North LaSalle Street, Suite 4200  
Chicago, IL 60602  
(312) 782-8150 FAX# (312) 782-1684

USER NAME = lanes	DESIGNED - ACL	REVISED -
	DRAWN - ACL	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - WRP	REVISED -
PLOT DATE = 10-AUG-2016	DATE - 8/5/2016	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS	
SCALE: 1" = 50'	SHEET NO. 2 OF 5 SHEETS STA. 0+00.00 TO STA. 15+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	40
ILLINOIS FED. AID PROJECT P-93-035-01			CONTRACT NO. 66992	

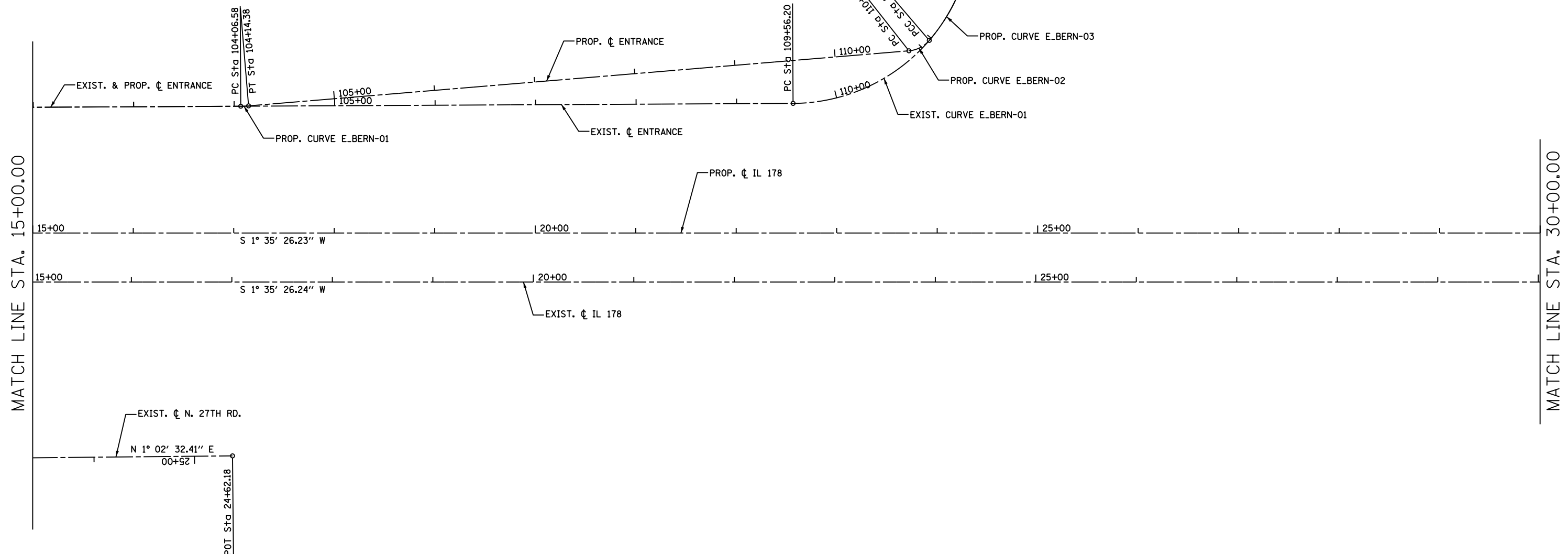


PROP. CURVE P\_BERN-01  
 PI STA. = 104+10.48  
 $\Delta = 4^\circ 28' 13''$  (LT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 3.90'$   
 $L = 7.80'$   
 $E = 0.08'$   
 $e = NC$   
 P.C. STA. = 104+06.58  
 1699505.378 N  
 798397.323 E  
 P.T. STA. = 104+14.38  
 1699497.579 N  
 798397.451 E

PROP. CURVE P\_BERN-02  
 PI STA. = 110+86.05  
 $\Delta = 44^\circ 32' 15''$  (LT)  
 $D = 190^\circ 59' 09''$   
 $R = 30.00'$   
 $T = 12.28'$   
 $L = 23.32'$   
 $E = 2.42'$   
 $e = NC$   
 P.C. STA. = 110+73.77  
 1698839.199 N  
 798433.949 E  
 P.T. STA. = 110+97.09  
 1698818.667 N  
 798443.716 E

PROP. CURVE P\_BERN-03  
 PI STA. = 111+26.04  
 $\Delta = 18^\circ 16' 35''$  (LT)  
 $D = 31^\circ 49' 52''$   
 $R = 180.00'$   
 $T = 28.95'$   
 $L = 57.42'$   
 $E = 2.31'$   
 $e = NC$   
 P.C. STA. = 110+97.09  
 1698818.667 N  
 798443.716 E  
 P.T. STA. = 111+54.51  
 1698787.402 N  
 798491.584 E

EXIST. CURVE E\_BERN-01  
 PI STA. = 110+75.98  
 $\Delta = 67^\circ 17' 03''$  (LT)  
 $D = 31^\circ 49' 52''$   
 $R = 180.00'$   
 $T = 119.78'$   
 $L = 211.38'$   
 $E = 36.21'$   
 $e = NC$   
 P.C. STA. = 109+56.20  
 1698955.898 N  
 798384.881 E  
 P.T. STA. = 111+67.58  
 1698787.402 N  
 798491.584 E



FILE NAME = T:\168788 - IL178 Phase 2\Civil\Sheets\0366592-ht-est-83.dgn

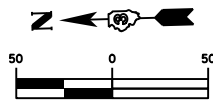
**WSP** | **PARSONS BRINCKERHOFF**  
 30 North LaSalle Street, Suite 4200  
 Chicago, IL 60602  
 (312) 782-8150 FAX# (312) 782-1684

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PLOT SCALE = 100.0000' / 1" =	CHECKED - WRP	REVISED -
PLOT DATE = 10-AUG-2016	DATE - 8/5/2016	REVISED -

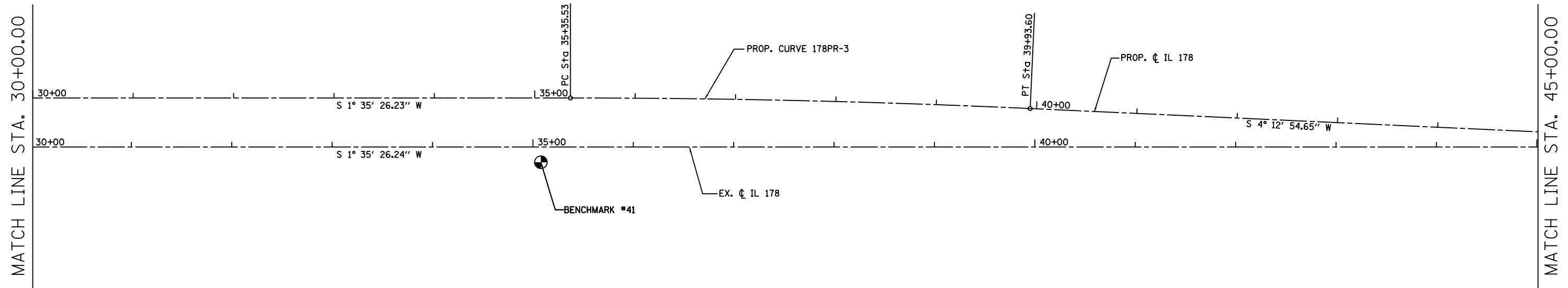
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>ALIGNMENT, TIES AND BENCHMARKS</b>	
SCALE: 1" = 50'	SHEET NO. 3 OF 5 SHEETS
STA. 15+00.00	TO STA. 30+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	41
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT P-93-035-01	



**SURVEY CONTROL POINTS**  
 BENCHMARK \*41  
 CHISELED SQUARE IN TOP OF  
 BRIDGE CURB @ SW CORNER  
 1697712.2710 N  
 798157.4340 E  
 ELEV.=500.931



PROP. CURVE 178PR-3  
 PI STA. = 37+64.61  
 $\Delta = 2^\circ 37' 28''$  (RT)  
 $D = 0^\circ 34' 23''$   
 $R = 10,000.00'$   
 $T = 229.08'$   
 $L = 458.07'$   
 $E = 2.62'$   
 $e = NC$   
 P.C. STA. = 35+35.53  
 1697681.030 N  
 798220.531 E  
 P.T. STA. = 39+93.60  
 1697223.585 N  
 798197.335 E

FILE NAME = T:\168788 - IL178 Phase 2\Civil\Sheets\0366992-ht-est-84.dgn

**WSP** PARSONS BRINCKERHOFF  
 30 North LaSalle Street, Suite 4200  
 Chicago, IL 60602  
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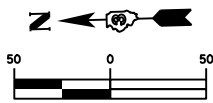
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	DRAWN - ACL	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - WRP	REVISED -
PLOT DATE = 10-AUG-2016	DATE - 8/5/2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

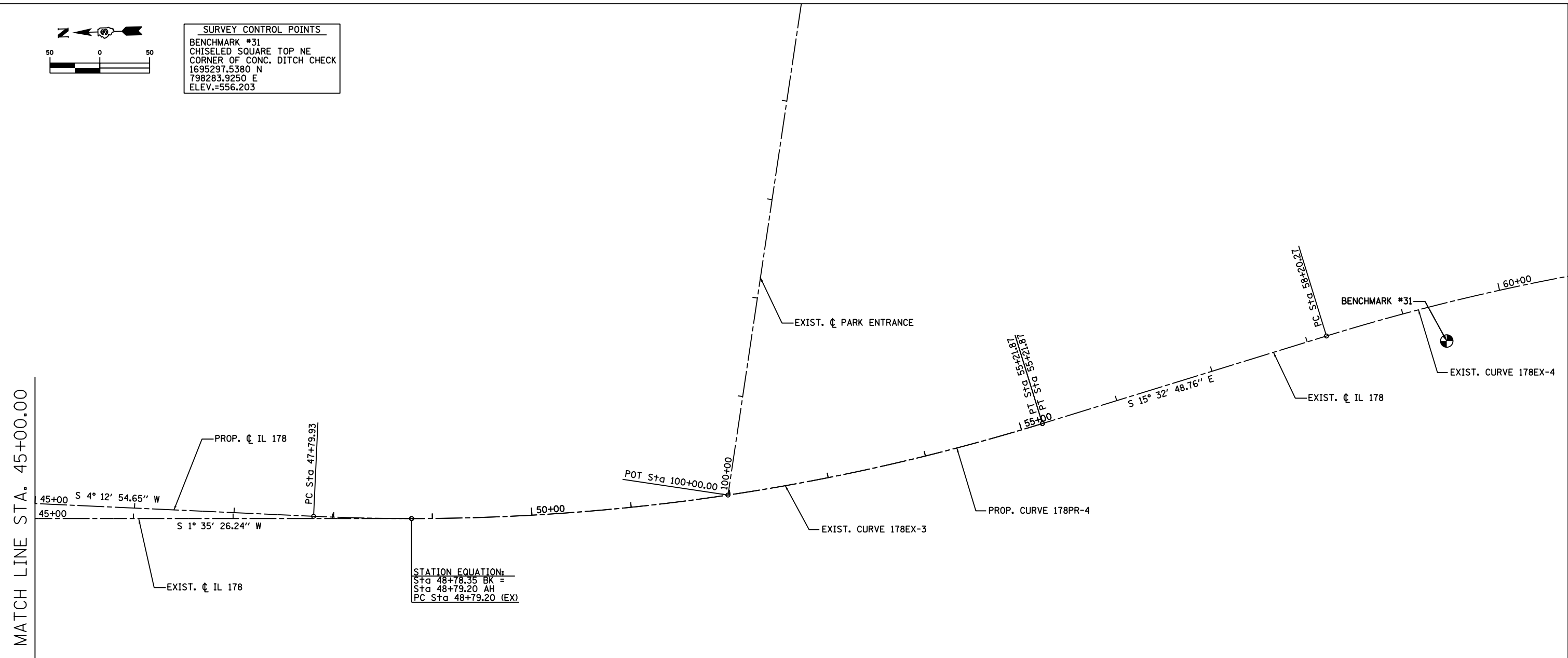
**ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1" = 50'    SHEET NO. 4 OF 5 SHEETS    STA. 30+00.00 TO STA. 45+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	42
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT P-93-035-01	

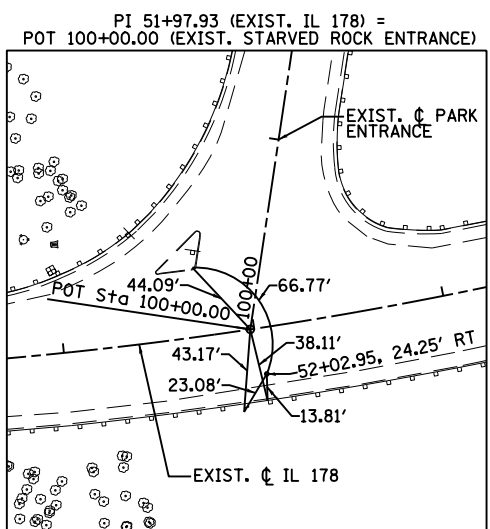


**SURVEY CONTROL POINTS**  
 BENCHMARK #31  
 CHISELED SQUARE TOP NE  
 CORNER OF CONC. DITCH CHECK  
 1695297.5380 N  
 798283.9250 E  
 ELEV.=556.203



MATCH LINE STA. 45+00.00

**STATION EQUATION:**  
 Sta 48+78.35 BK =  
 Sta 48+79.20 AH  
 PC Sta 48+79.20 (EX)



PROP. CURVE 178PR-4	EXIST. CURVE 178EX-3	EXIST. CURVE 178EX-4
PI STA. = 51+54.19	PI STA. = 52+02.95	PI STA. = 61+39.79
$\Delta = 19^\circ 45' 43''$ (LT)	$\Delta = 17^\circ 08' 15''$ (LT)	$\Delta = 16^\circ 28' 00''$ (RT)
D = 2° 40' 00"	D = 2° 40' 00"	D = 2° 35' 41"
R = 2,148.62'	R = 2,148.62'	R = 2,208.23'
T = 374.26'	T = 323.75'	T = 319.52'
L = 741.09'	L = 642.67'	L = 634.64'
E = 32.35'	E = 24.25'	E = 23.00'
e = 2.25% (EX.)	e = 2.25%	e = -----
T.R. = 51'	P.C. STA. = 48+79.20	P.C. STA. = 58+20.27
S.E. RUN = 101'	1696341.104 N	1695418.093 N
P.C. STA. = 47+79.93	798134.555 E	798292.321 E
1696439.392 N	P.T. STA. = 55+21.87	P.T. STA. = 64+54.90
798139.539 E	1695705.574 N	1694790.784 N
<b>STATION EQUATION</b>	798212.342 E	798372.832 E
Sta 48+78.35 BK =		
Sta 48+79.20 AH		
P.T. STA. = 55+21.87		
1695705.574 N		
798212.342 E		

FILE NAME = T:\168788 - IL178 Phase 2\Civil\Sheets\0366592-ht-est-05.dgn

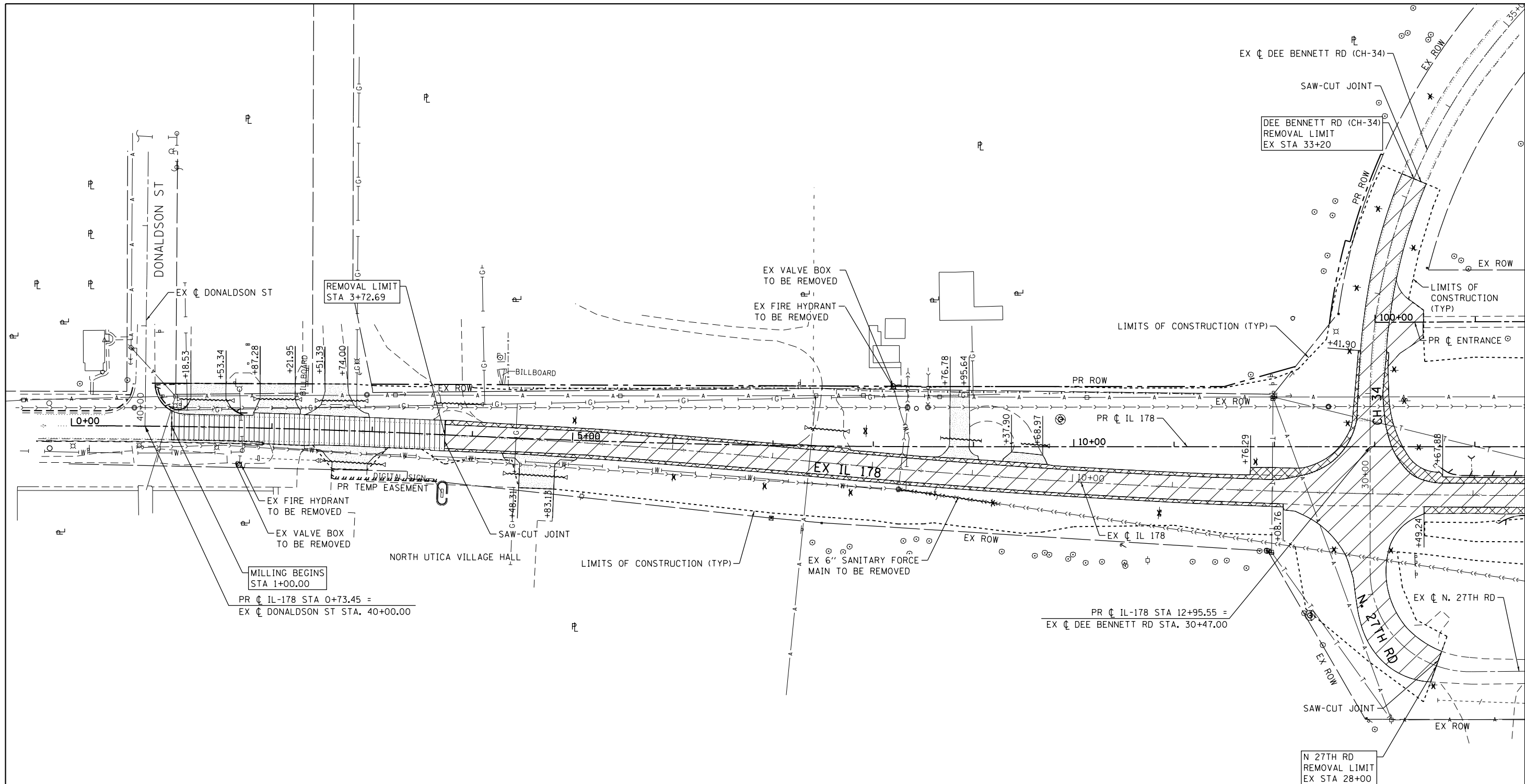
**WSP** PARSONS BRINCKERHOFF  
 30 North LaSalle Street, Suite 4200  
 Chicago, IL 60602  
 (312) 782-8150 FAX# (312) 782-1684

USER NAME = lanes	DESIGNED - ACL	REVISED -
	DRAWN - ACL	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - WRP	REVISED -
PLOT DATE = 10-AUG-2016	DATE - 8/5/2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

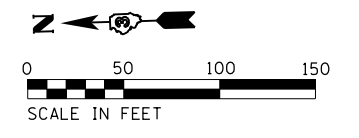
<b>ALIGNMENT, TIES AND BENCHMARKS</b>	
SCALE: 1" = 50'	SHEET NO. 5 OF 5 SHEETS
STA. 45+00.00	TO STA. 60+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	43
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT P-93-035-01	



**REMOVAL LEGEND**

- |  |                        |  |                                      |
|--|------------------------|--|--------------------------------------|
|  | TREE REMOVAL           |  | APPROACH SLAB REMOVAL                |
|  | PAVEMENT REMOVAL       |  | DRIVEWAY PAVEMENT REMOVAL            |
|  | PAVED SHOULDER REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL  |
|  | PAVEMENT MILLING       |  | GUARDRAIL REMOVAL                    |
|  | ISLAND REMOVAL         |  | PIPE CULVERT REMOVAL                 |
|  |                        |  | EXISTING SIGN ASSEMBLY TO BE REMOVED |



**LE** LIN ENGINEERING, LTD.  
Consulting Engineers  
Westmont, Illinois

DESIGNED - RC	REVISED - --	-----
DRAWN - RC	REVISED - --	-----
CHECKED - ST	REVISED - --	-----
DATE - 08/2016	REVISED - --	-----

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
REMOVAL PLAN**  
SCALE: 1"=50' SHEET NO. 1 OF 4 SHEETS STA. 0+00.00 TO STA. 14+50.00

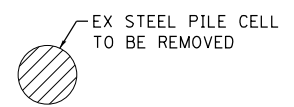
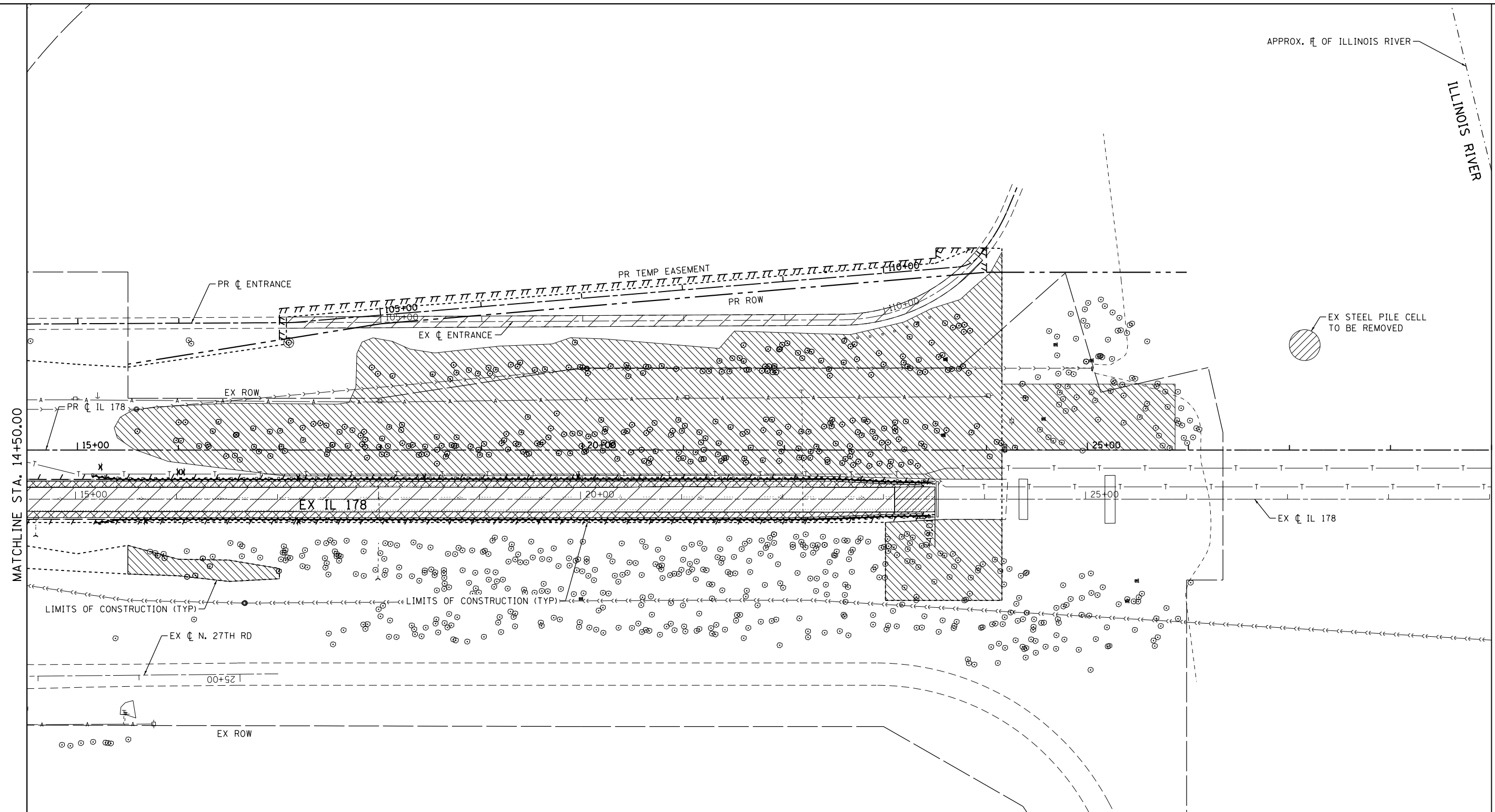
F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 44
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 14+50.00



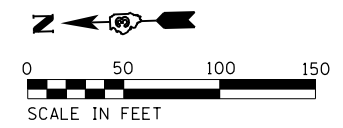
APPROX.  $\bar{L}$  OF ILLINOIS RIVER

ILLINOIS RIVER



**REMOVAL LEGEND**

- |  |                        |  |                                      |
|--|------------------------|--|--------------------------------------|
|  | TREE REMOVAL           |  | APPROACH SLAB REMOVAL                |
|  | PAVEMENT REMOVAL       |  | DRIVEWAY PAVEMENT REMOVAL            |
|  | PAVED SHOULDER REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL  |
|  | PAVEMENT MILLING       |  | GUARDRAIL REMOVAL                    |
|  | ISLAND REMOVAL         |  | PIPE CULVERT REMOVAL                 |
|  |                        |  | EXISTING SIGN ASSEMBLY TO BE REMOVED |



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DESIGNED - RC  
DRAWN - RC  
CHECKED - ST  
DATE - 08/2016

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PLOT SCALE = 100.00' / 1" =  
PLOT DATE = 9/8/2016

DESIGNED - RC  
DRAWN - RC  
CHECKED - ST  
DATE - 08/2016

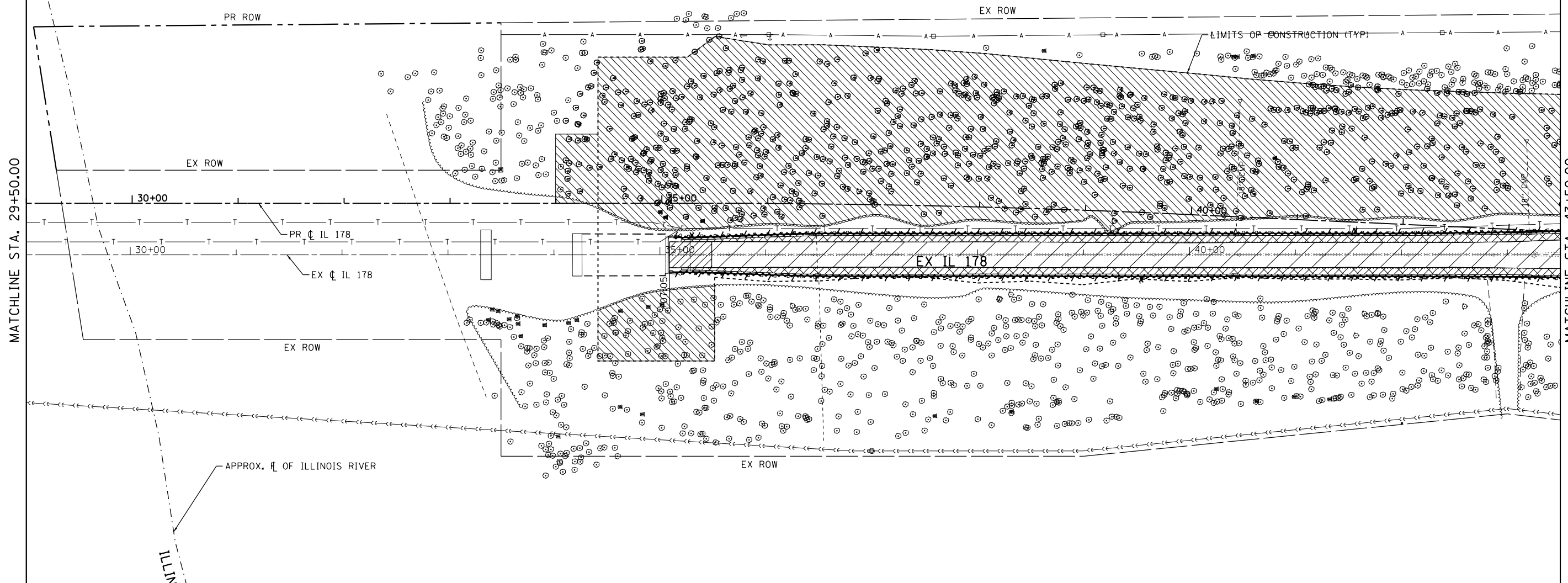
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
REMOVAL PLAN**

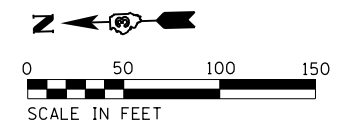
SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. 14+50.00 TO STA. 29+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	45
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



**REMOVAL LEGEND**

- |  |                        |  |                                      |
|--|------------------------|--|--------------------------------------|
|  | TREE REMOVAL           |  | APPROACH SLAB REMOVAL                |
|  | PAVEMENT REMOVAL       |  | DRIVEWAY PAVEMENT REMOVAL            |
|  | PAVED SHOULDER REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL  |
|  | PAVEMENT MILLING       |  | GUARDRAIL REMOVAL                    |
|  | ISLAND REMOVAL         |  | PIPE CULVERT REMOVAL                 |
|  |                        |  | EXISTING SIGN ASSEMBLY TO BE REMOVED |



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DESIGNED - RC  
DRAWN - RC  
CHECKED - ST  
DATE - 08/2016

REVISIED - --  
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REVISIED - --  
REVISIED - --

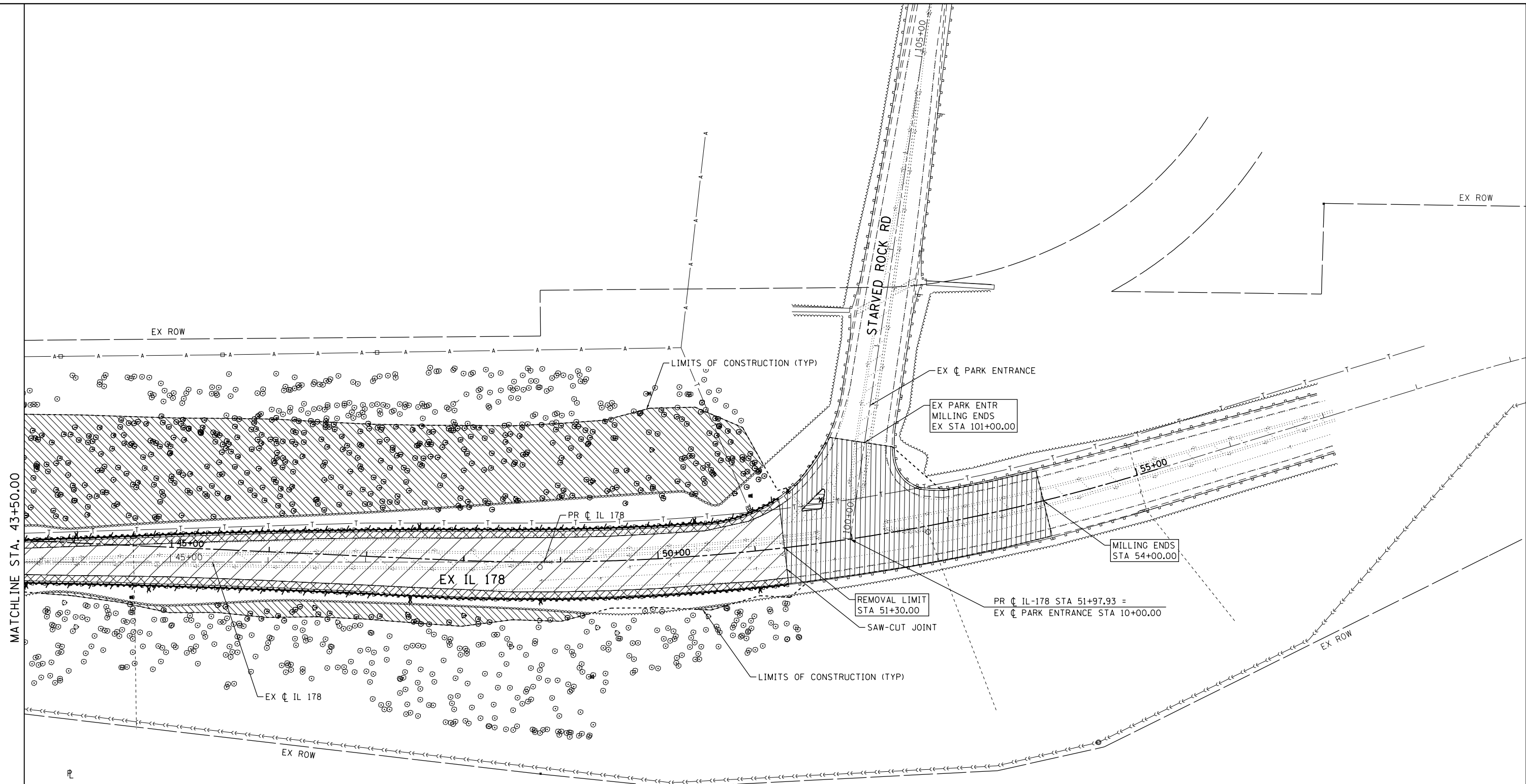
PLOT SCALE = 100.00' / 1" = 100'  
PLOT DATE = 9/8/2016

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
REMOVAL PLAN**

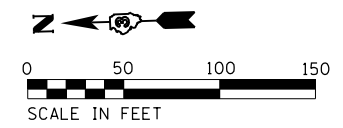
SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 29+00.00 TO STA. 43+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	46
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



**REMOVAL LEGEND**

- |  |                                      |  |                                     |
|--|--------------------------------------|--|-------------------------------------|
|  | TREE REMOVAL                         |  | APPROACH SLAB REMOVAL               |
|  | PAVEMENT REMOVAL                     |  | DRIVEWAY PAVEMENT REMOVAL           |
|  | PAVED SHOULDER REMOVAL               |  | COMBINATION CURB AND GUTTER REMOVAL |
|  | PAVEMENT MILLING                     |  | GUARDRAIL REMOVAL                   |
|  | ISLAND REMOVAL                       |  | PIPE CULVERT REMOVAL                |
|  | EXISTING SIGN ASSEMBLY TO BE REMOVED |  |                                     |



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DRAWN - RC	REVISED - --	-----
CHECKED - ST	REVISED - --	-----
DATE - 08/2016	REVISED - --	-----

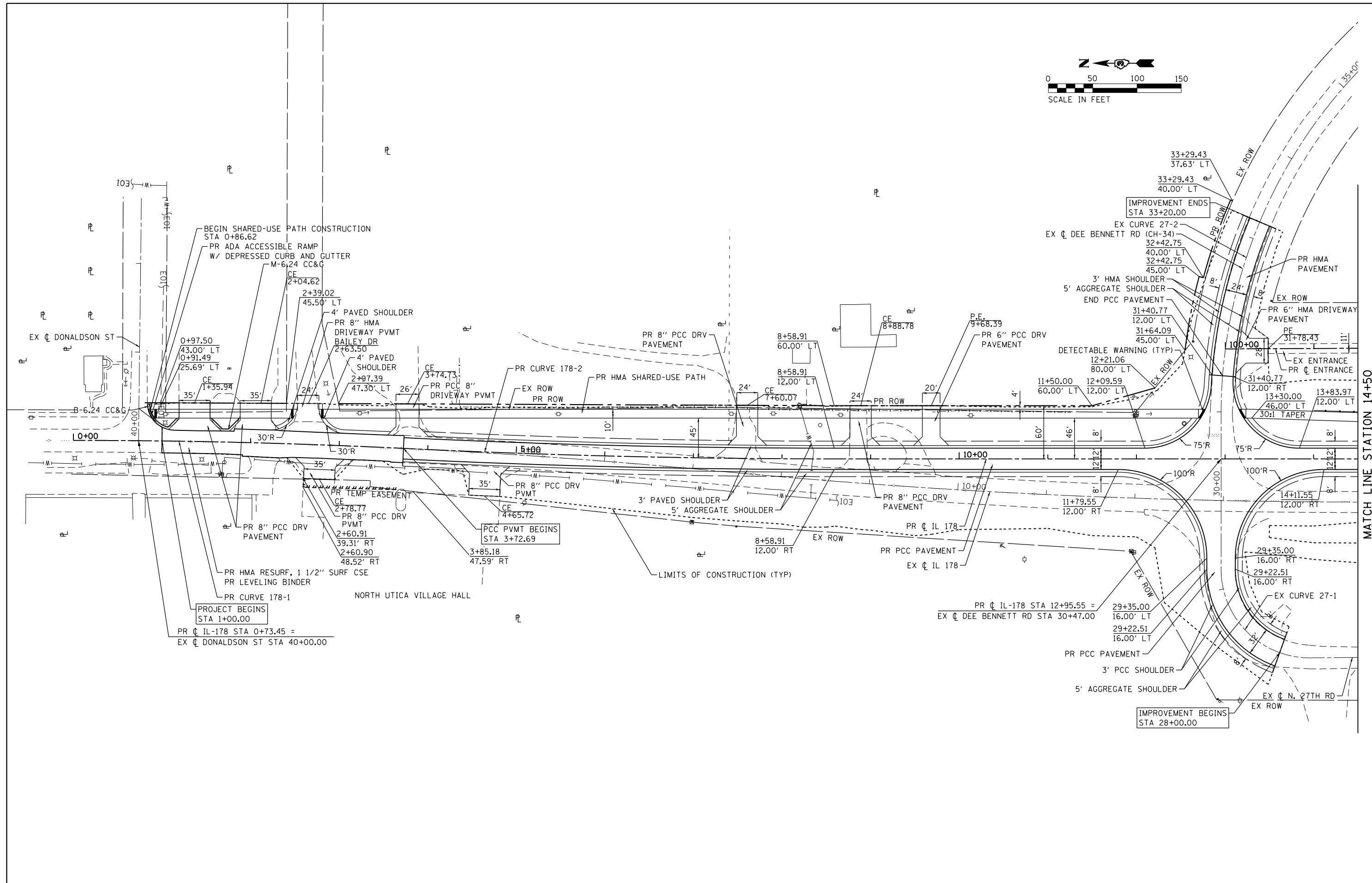
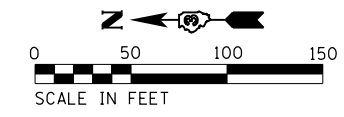
PLOT SCALE = 1/8" = 1' / 1/4"  
PLOT DATE = 9/8/2016

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
REMOVAL PLAN**

SCALE: 1"=50' SHEET NO. 4 OF 4 SHEETS STA. 43+50.00 TO STA. 51+30.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	47
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



MATCH LINE STATION 14+50

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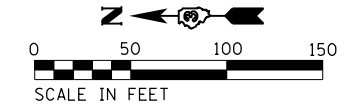
DESIGNED - RC	REVISED -
DRAWN - RC	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

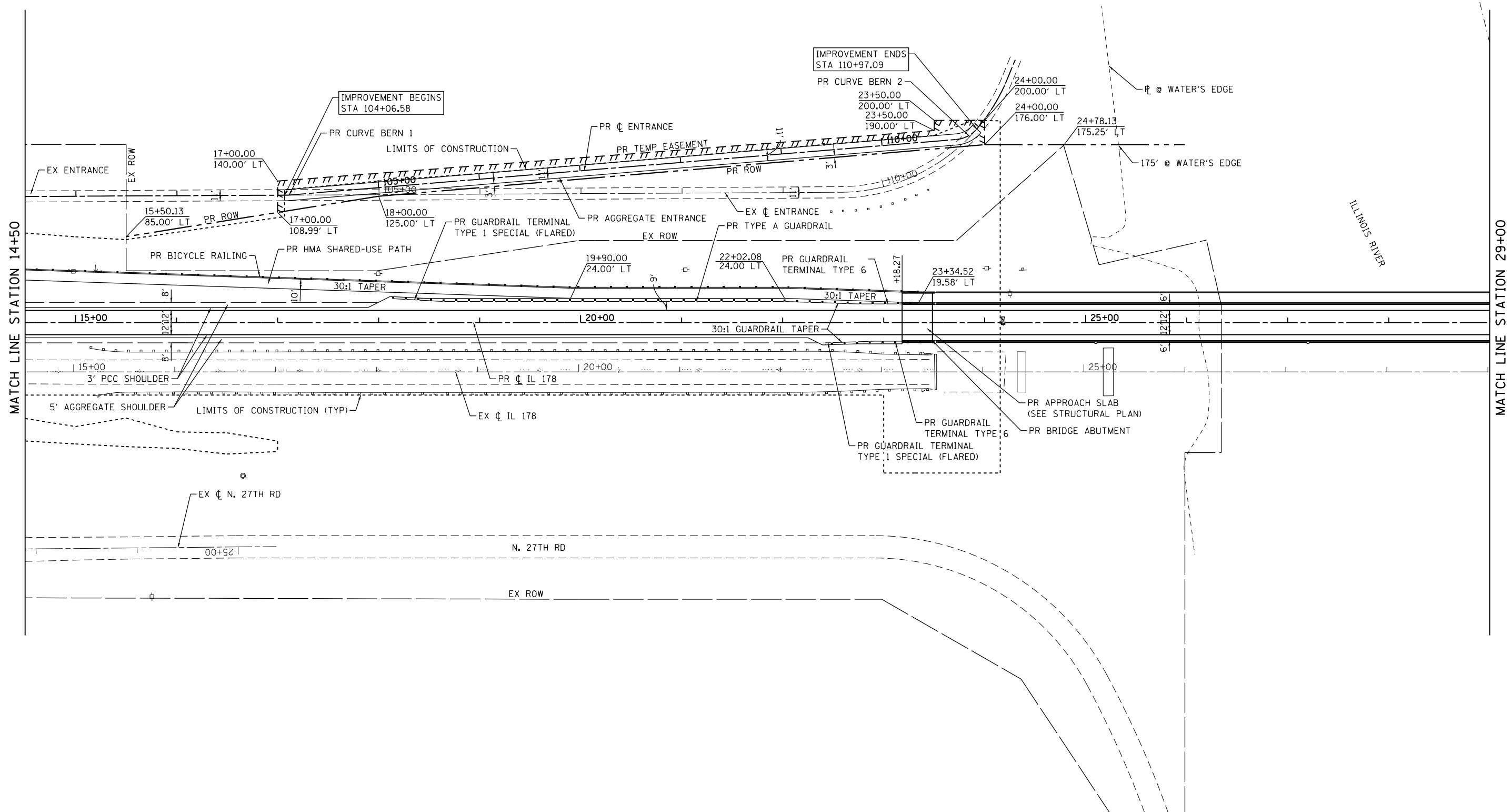
**ILLINOIS ROUTE 178  
ROADWAY PLAN**

SCALE: 1"=50'      SHEET NO. 1 OF 4 SHEETS      STA. 0+00.00 TO STA. 14+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	48
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



APPROX.  $\bar{r}$  OF ILLINOIS RIVER



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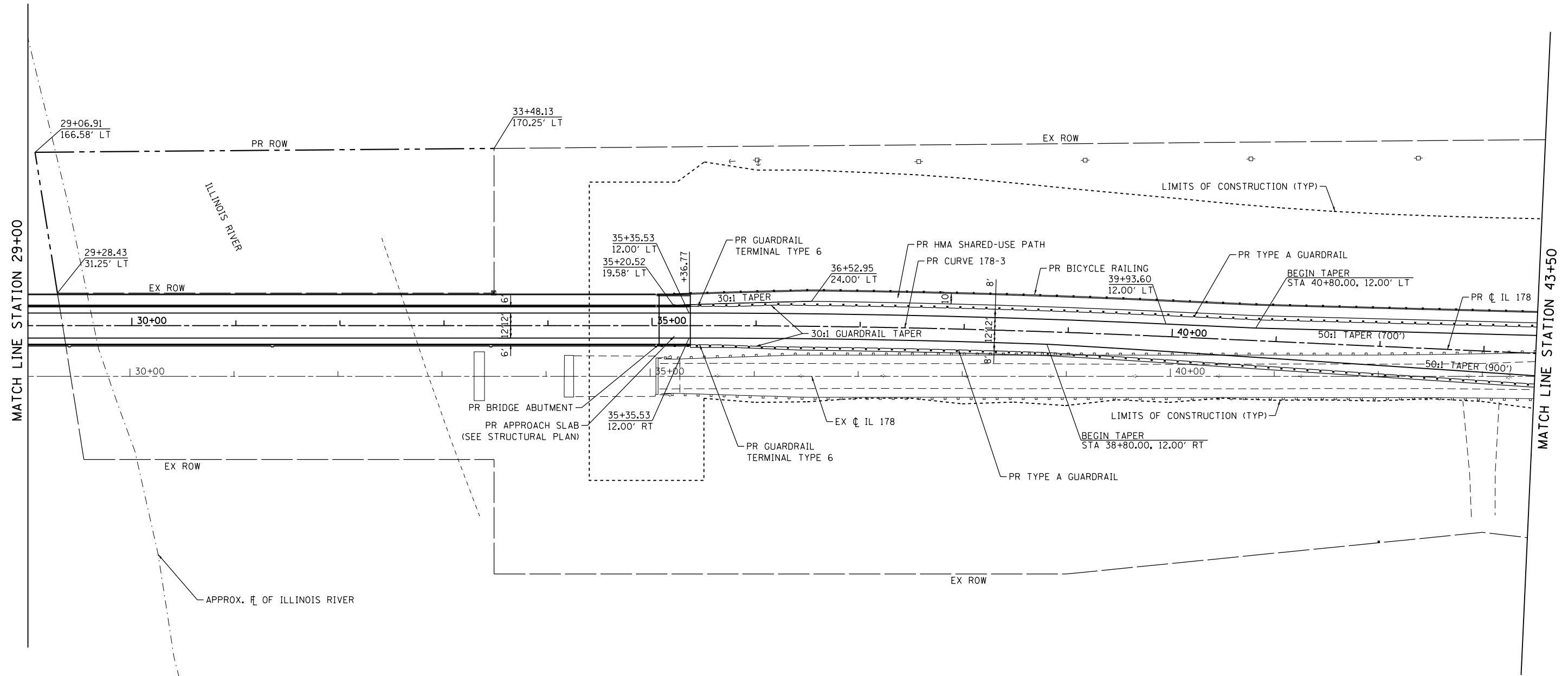
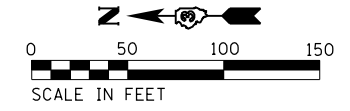
DESIGNED - RC	REVISED -
DRAWN - RC	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
ROADWAY PLAN**

SCALE: 1"=50'    SHEET NO. 2 OF 4 SHEETS    STA. 14+50.00 TO STA. 29+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(I) BR & I	LASALLE	430	49
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



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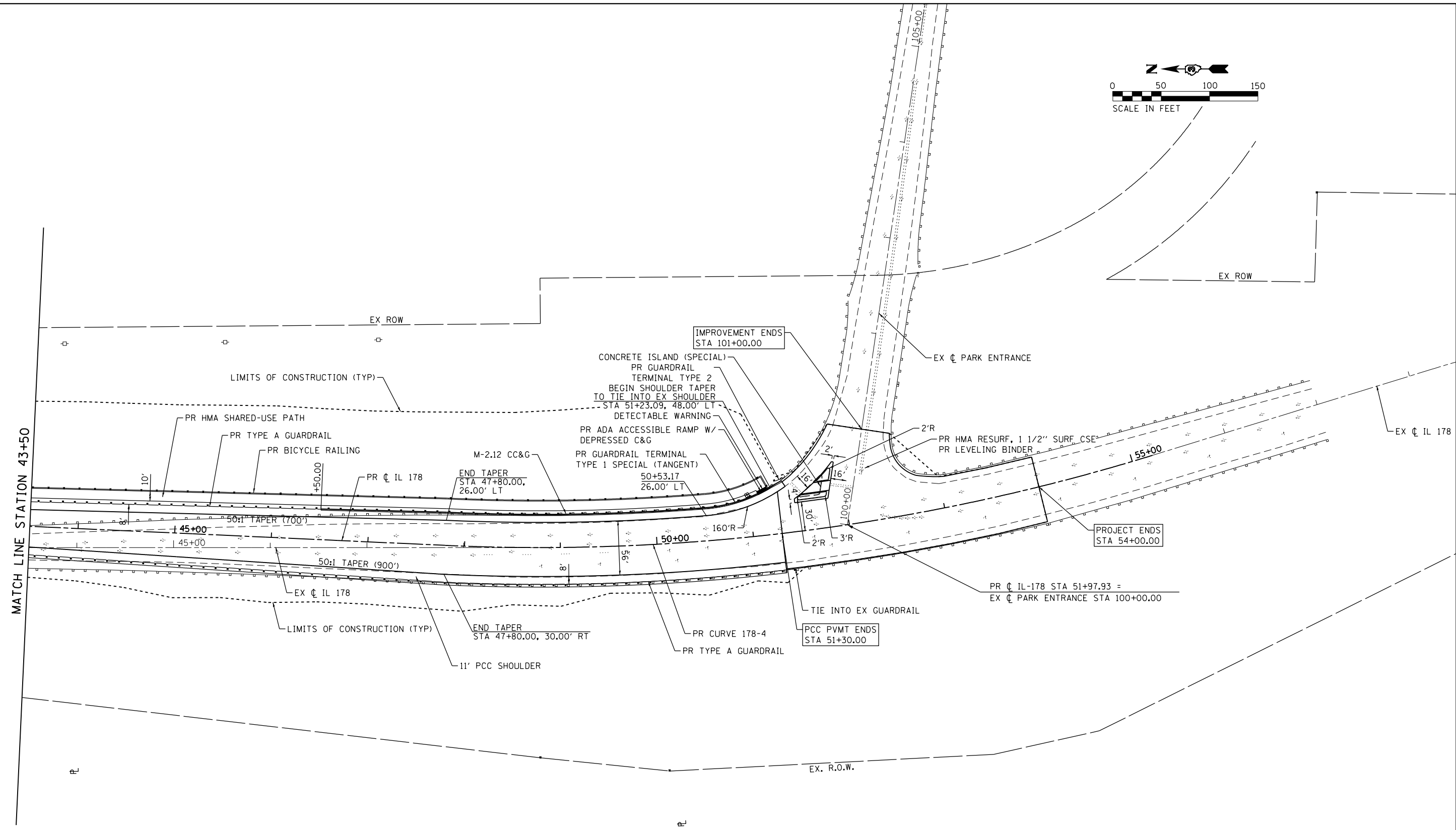
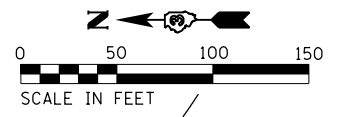
DESIGNED - RC	REVISED -
DRAWN - RC	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
ROADWAY PLAN**

SCALE: 1"=50'      SHEET NO. 3 OF 4 SHEETS      STA. 29+00.00 TO STA. 43+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	50
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



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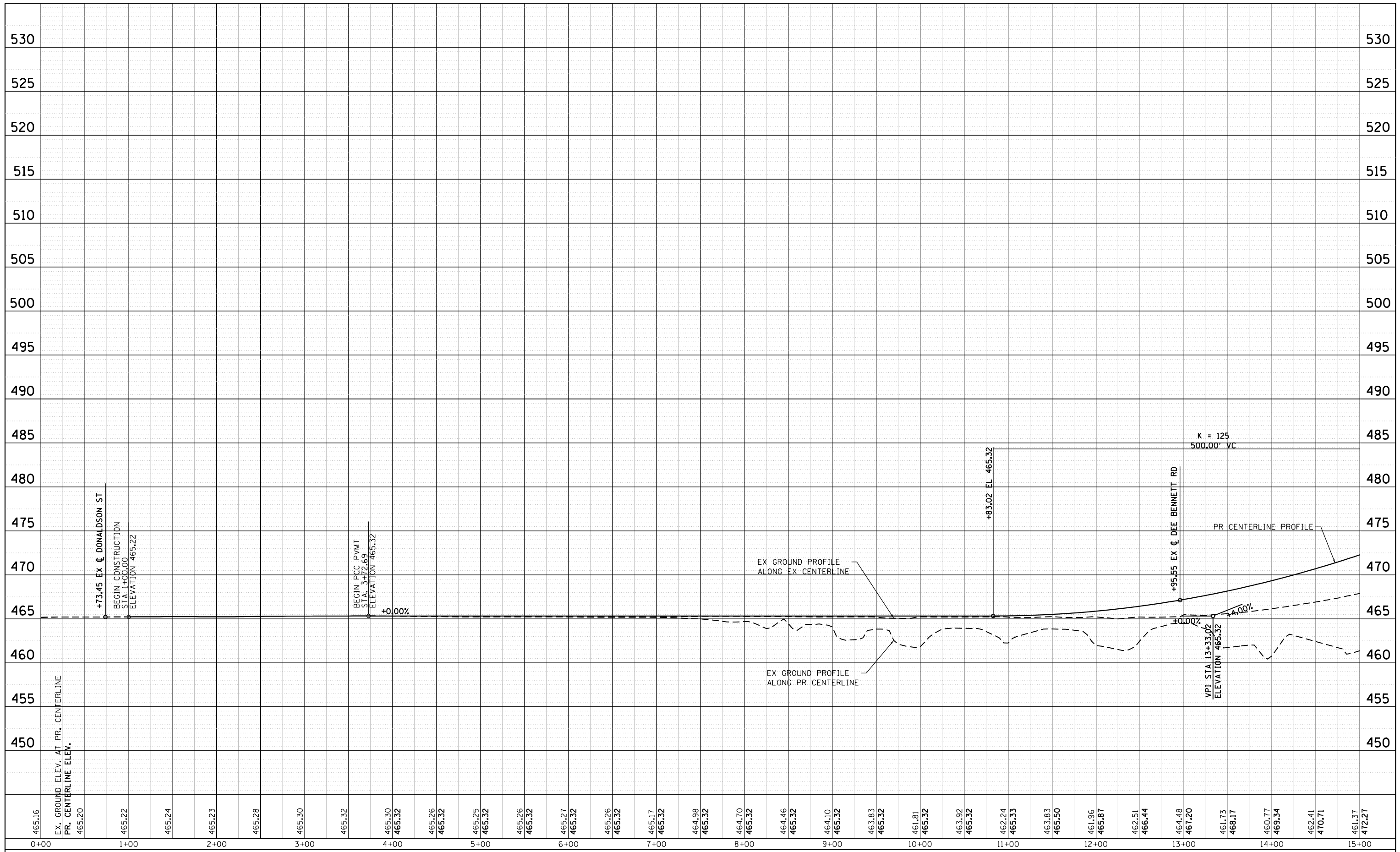
DESIGNED - RC	REVISED -
DRAWN - RC	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
 ROADWAY PLAN**

SCALE: 1"=50'      SHEET NO. 4 OF 4 SHEETS      STA. 43+50.00 TO STA. 51+30.00

F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 51
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



465.16	465.20	465.22	465.24	465.23	465.28	465.30	465.32	465.30	465.32	465.26	465.32	465.25	465.32	465.26	465.32	465.26	465.32	465.17	465.32	464.98	465.32	464.70	465.32	464.46	465.32	464.10	465.32	463.83	465.32	461.81	465.32	463.92	465.32	462.24	465.33	463.83	465.50	461.96	465.87	462.51	466.44	464.48	467.20	461.73	468.17	460.77	469.34	462.41	470.71	461.37	472.27
0+00	1+00	2+00	3+00	4+00	5+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00																																				



DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

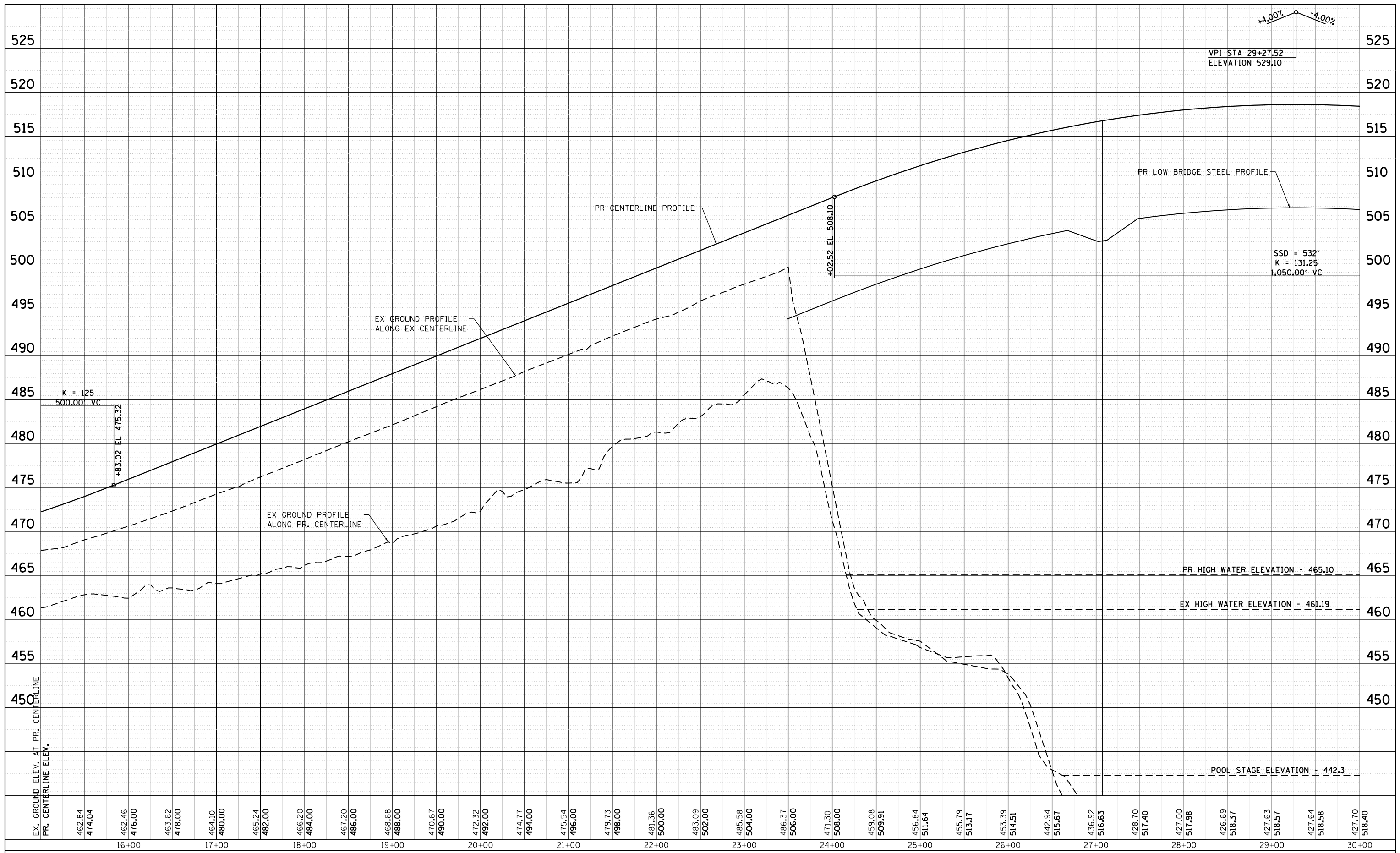
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
ROADWAY PROFILE**

SCALE: 1"=50' H, 5'V    SHEET NO. 1 OF 6 SHEETS    STA. 0+00.00 TO STA. 15+00.00

F.A.S. RTE. 1279	SECTION (I) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 52
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				





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Westmont, Illinois

DESIGNED - RC  
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CHECKED - ST  
DATE - 08/2016

REVISOR - --  
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REVISION - --

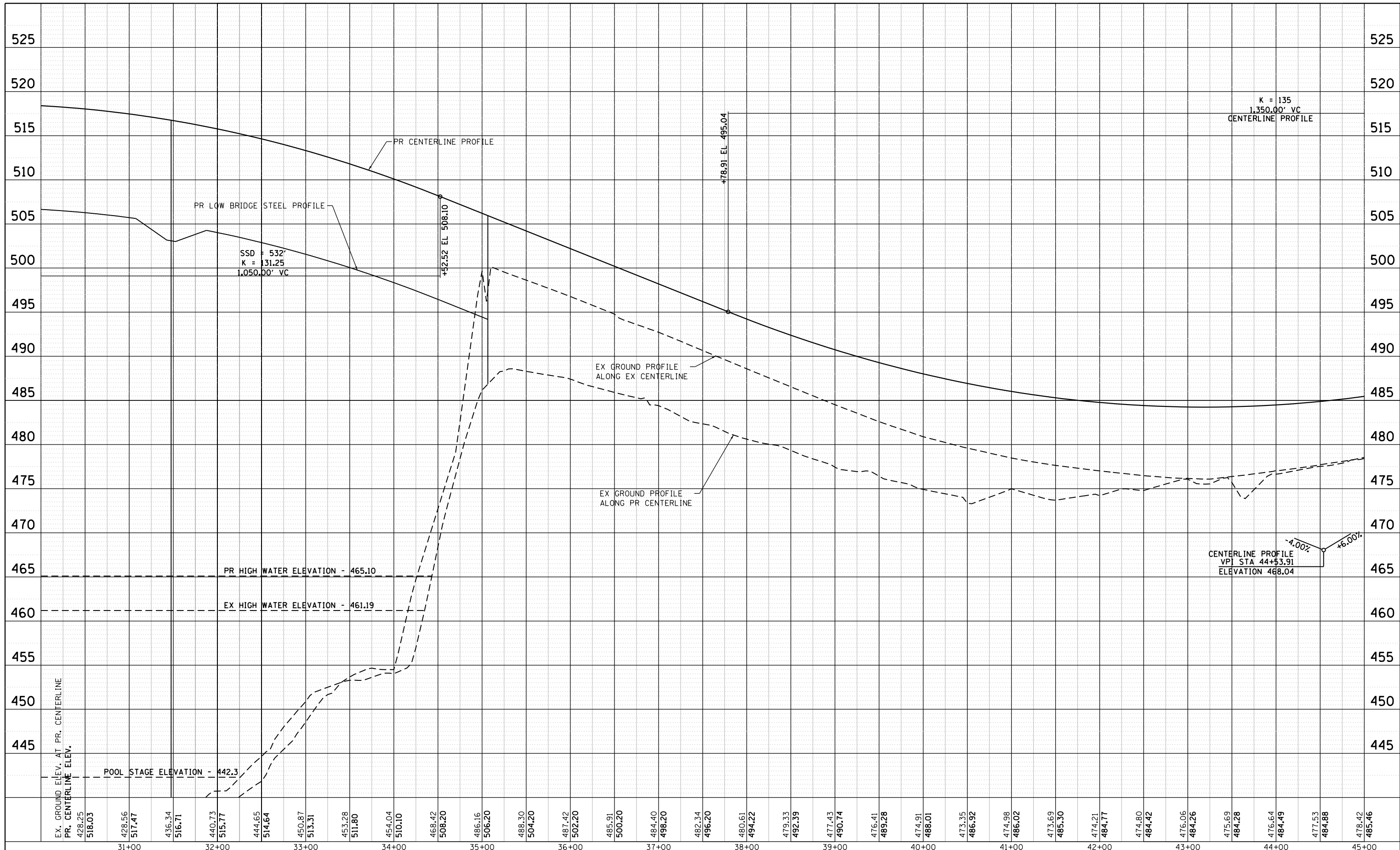
PLOT SCALE = 1"=50' (H) 1"=5' (V)  
PLOT DATE = 8/10/2016

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
ROADWAY PROFILE**

SCALE: 1"=50' H, 5' V SHEET NO. 2 OF 6 SHEETS STA. 15+00.00 TO STA. 30+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	53
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



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DRAWN - RC  
CHECKED - ST  
DATE - 08/2016

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PLOT SCALE = 1"=50' (H) 1"=5' (V)  
PLOT DATE = 8/10/2016

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
ROADWAY PROFILE**

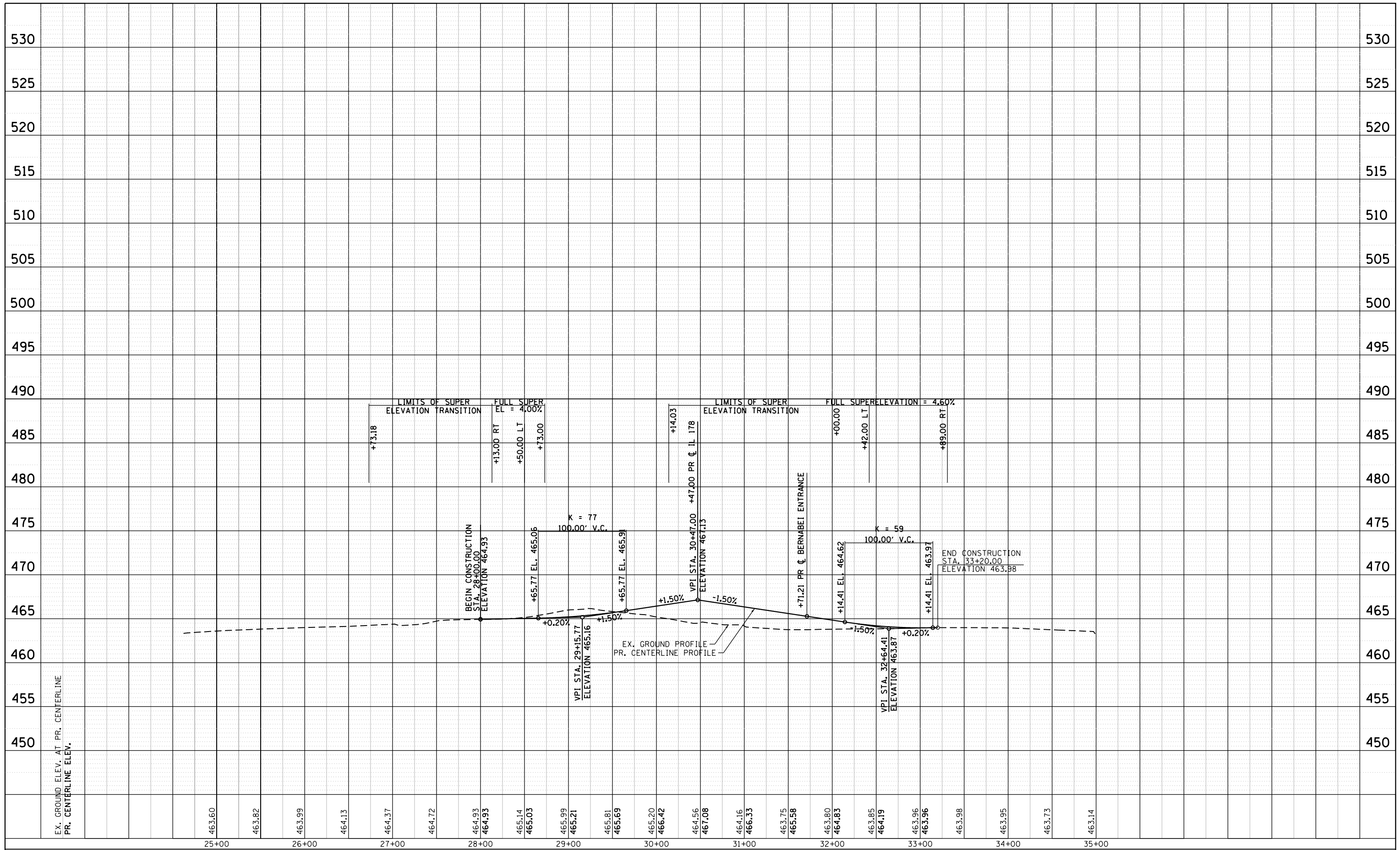
SCALE: 1"=50' H, 5' V SHEET NO. 3 OF 6 SHEETS STA. 30+00.00 TO STA. 45+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	54
CONTRACT NO. 66992				

ILLINOIS FED. AID PROJECT

ILLINOIS FED. AID PROJECT





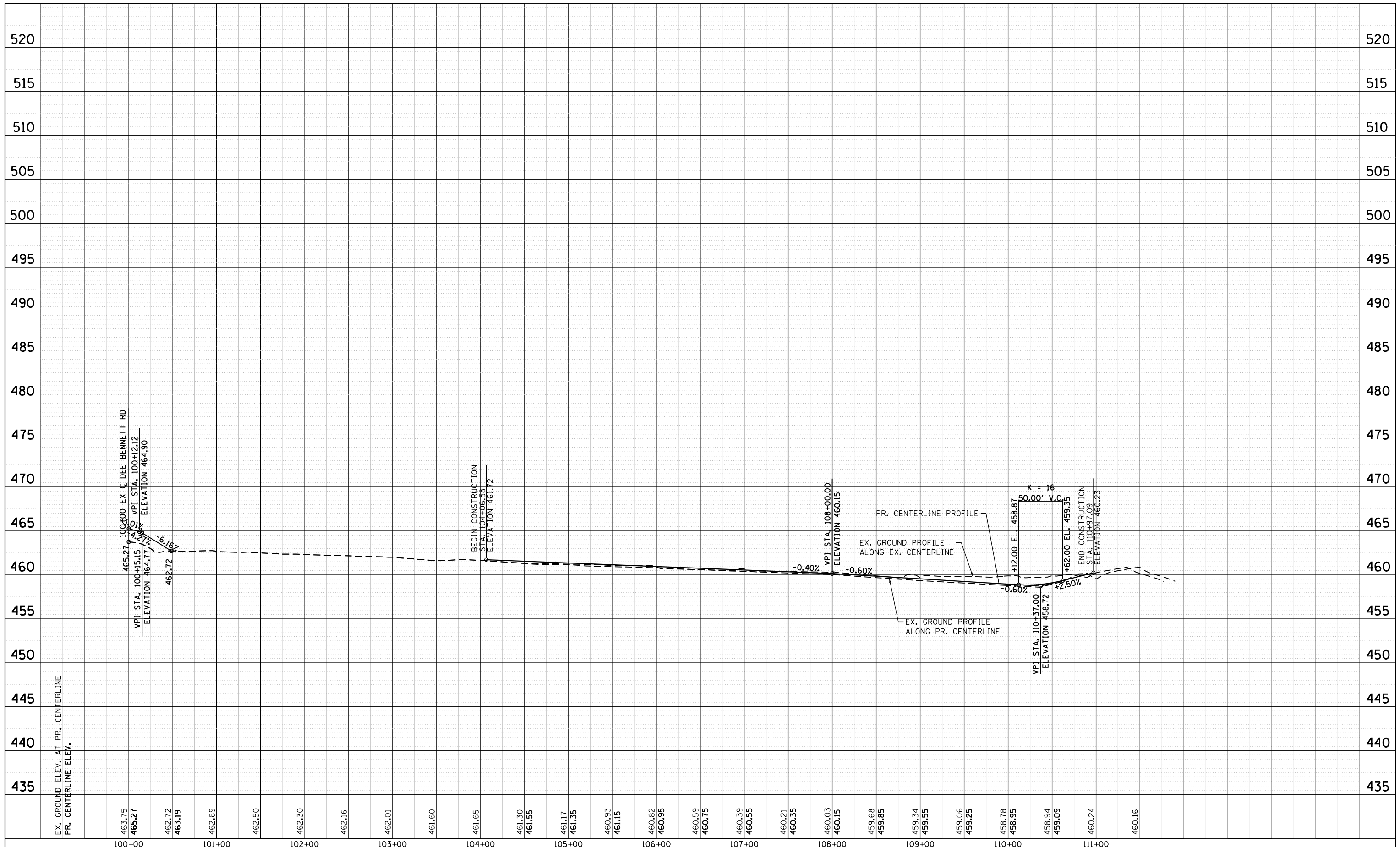
DESIGNED - RC	REVISED - --
DRAWN - RC	REVISED - --
CHECKED - ST	REVISED - --
DATE - 08/2016	REVISED - --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**N. 27TH RD. & DEE BENNETT RD. (CH-34)  
ROADWAY PROFILE**

SCALE: 1"=50' H, 5' V SHEET NO. 5 OF 6 SHEETS STA. 24+62.18 TO STA. 35+00.15

F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 56
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



463.75	465.27	462.72	463.19	462.69	462.50	462.30	462.16	462.01	461.60	461.65	461.30	461.55	461.17	461.35	460.93	461.15	460.82	460.95	460.59	460.75	460.39	460.55	460.21	460.35	460.03	460.15	459.68	459.85	459.34	459.55	459.06	459.25	458.78	458.95	458.94	459.09	460.24	460.16			
100+00	100+00	101+00	101+00	102+00	102+00	103+00	103+00	104+00	104+00	105+00	105+00	106+00	106+00	107+00	107+00	108+00	108+00	109+00	109+00	110+00	110+00	111+00	111+00																		

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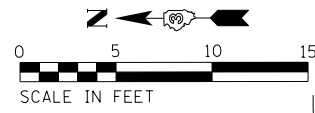
DESIGNED - RC	REVISED - --	-----
DRAWN - RC	REVISED - --	-----
CHECKED - ST	REVISED - --	-----
DATE - 08/2016	REVISED - --	-----

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

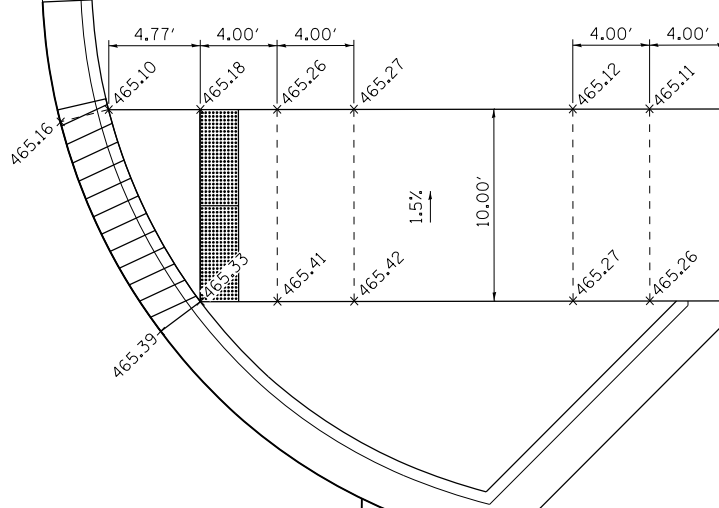
**BERNABEI ENTRANCE  
 ROADWAY PROFILE**

SCALE: 1"=50' H, 5'V    SHEET NO. 6 OF 6 SHEETS    STA. 100+00.00 TO STA. 111+90.00

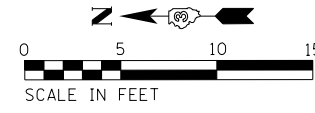
F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 57
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



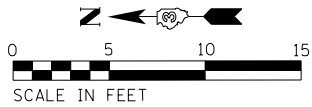
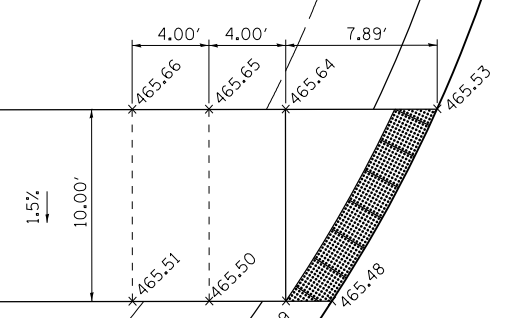
DONALDSON ST



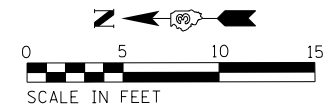
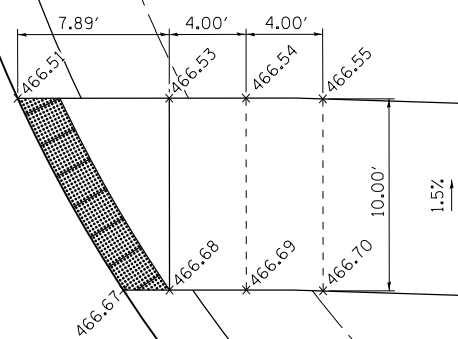
IL-178



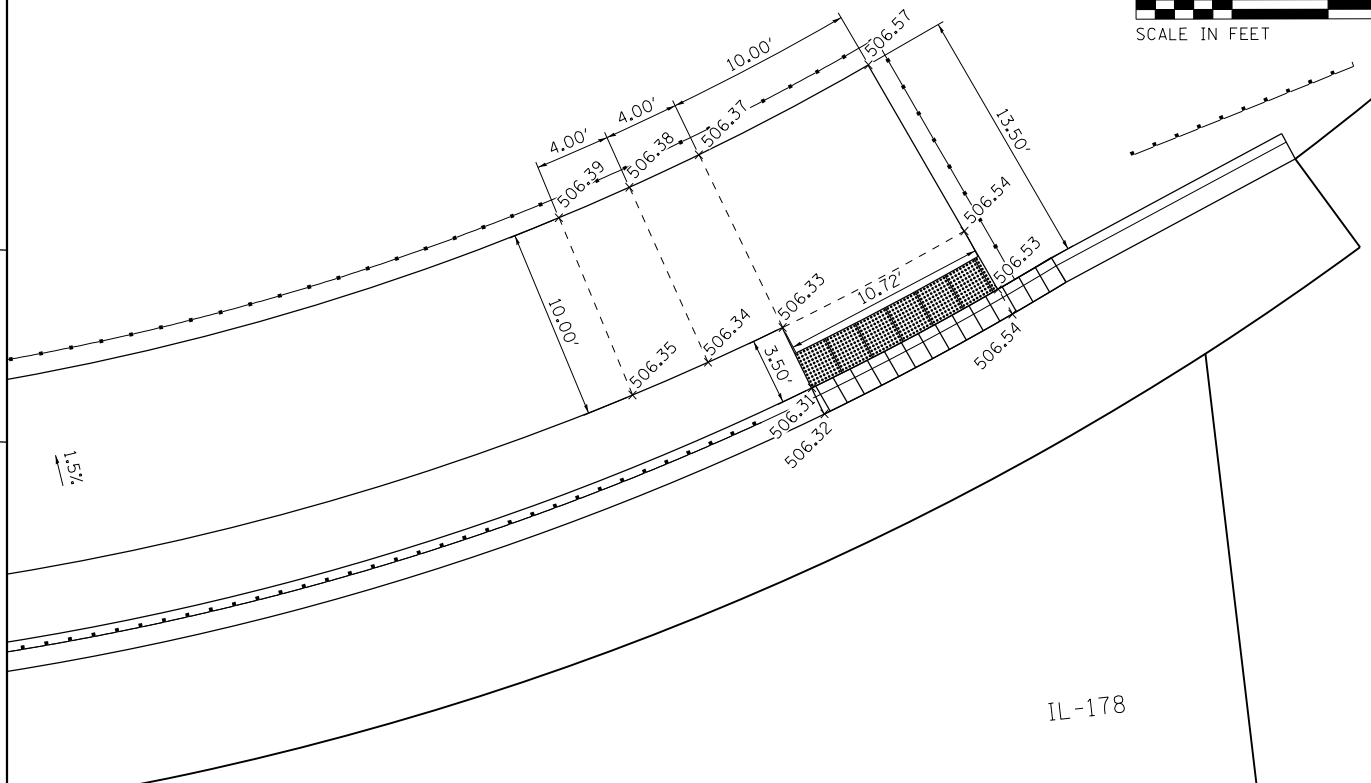
DEE BENNETT RD



DEE BENNETT RD



IL-178



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Westmont, Illinois

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DRAWN - RC	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178**  
**PROPOSED SHARED-USE PATH DETAILS**

SCALE: 1"=50'    SHEET NO. 1 OF 1 SHEETS    STA.    TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	58
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES:

1. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. 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 APPROVED BY THE ENGINEER.
2. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO (2) HOURS FROM THE TIME OF NOTIFICATION.
3. PRIOR TO ANY STAGED CONSTRUCTION, PAVEMENT MARKING REFLECTORS OF ANY TYPE IN CONFLICT WITH TEMPORARY STRIPING SHALL BE REMOVED. THIS SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216, TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
4. NO MATERIALS, EQUIPMENT, VEHICLES OR OTHER HAZARDS SHALL BE WITHIN 37 INCHES OF THE TEMPORARY CONCRETE BARRIER AS MEASURED PERPENDICULARLY FROM THE TOE OF THE BARRIER IN LOCATIONS WHERE THE BARRIER ALIGNMENT TAPERS TOWARD THE TRAVELED WAY OR IS USED TO SEPARATE AND SHIFT TRAFFIC. IN TANGENT SECTIONS, NO HAZARDS SHALL BE WITHIN 24 INCHES OF THE BARRIER.
5. TEMPORARY CONCRETE BARRIER SHALL BE PINNED TO THE PAVEMENT ACCORDING TO ARTICLE 704.04 WITH 3 ANCHOR PINS PER SECTION ON THE TRAFFIC SIDE OF THE BARRIER AT LOCATIONS DETAILED IN THE PLANS. ALL BARRIER INSTALLATIONS SHALL HAVE THE BARRIER UNIT AT EACH END ANCHORED AND PROTECTED AS SPECIFIED IN ARTICLE 704.04. ALL ANCHORING HOLES SHALL BE CORE DRILLED.
6. THE CONTRACTOR WILL BE ALLOWED ACCESS THROUGH THE BARRIER WALL TO THE WORK ZONE AT LOCATIONS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL SUBMIT ACCESS DETAILS FOR REVIEW AND APPROVAL BY THE ENGINEER. ALL COSTS ASSOCIATED WITH CONSTRUCTING, SIGNING AND FLAGGING, MAINTAINING, PROTECTING, ATTENUATING, RELOCATING, AND REMOVING THE CONTRACTOR ACCESS TO WORK AREA POINTS SHALL BE INCLUDED IN THE PAY ITEM X7010216, TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
7. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AND SIDE ROADS WITHIN THE PROJECT LIMITS. THE COST ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216, TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
8. ALL TRAFFIC CONTROL DEVICES AND STANDARD SIGNS REQUIRED FOR MAINTENANCE OF TRAFFIC SHALL BE PLACED PER IDOT STANDARDS AND SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216, TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
9. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ALL EXISTING SIGNS THAT CONFLICT WITH OR DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS AND SHALL RESTORE THE SIGNS AT THE END OF CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE COVERING, RELOCATION, REMOVAL, AND REINSTALLATION OF SIGNS AND APPURTENANCES SHALL BE NON-DESTRUCTIVE IN NATURE AND IS CONSIDERED INCLUDED IN THE PAY ITEM X7010216, TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
10. RELOCATION OF EXISTING SIGNS SHALL INCLUDE RELOCATION OF SIGN PANEL, POST, AND ASSEMBLY HARDWARE AND REMOVAL OF EXISTING SIGN SUPPORTS AND OR CONCRETE FOUNDATIONS. THE COST OF THIS WORK SHALL BE INCLUDED IN PAY ITEM X7010216, TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE, AT CONTRACTOR'S EXPENSE, ANY SIGNS THAT ARE DAMAGED BY THE CONTRACTORS WORK FORCE OR SUB-CONTRACTORS DURING RELOCATION OR CONSTRUCTION ACTIVITIES.
12. ALL MATERIALS AND LABOR FOR ANY TEMPORARY PLATING OR SHORING NEEDED DURING MAINTENANCE OF TRAFFIC FOR THE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PAY ITEM X7010216, TRAFFIC CONTROL AND PROTECTION, (SPECIAL). TEMPORARY STEEL PLATING TO BE DESIGNED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING MATERIALS.
13. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY DRAINAGE AND DEWATERING ACTIVITIES TO ENSURE NO FLOODING OF ADJACENT PROPERTIES OR STANDING WATER IN THE CONSTRUCTION SITE.

 <b>LIN ENGINEERING, LTD.</b> Consulting Engineers Westmont, Illinois	DESIGNED - NSA	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 178</b> <b>MOT GENERAL NOTES</b>		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - NSA	REVISED -		1279	(1) BR & I	LASALLE	430	59		
	PLOT SCALE = 100.0000' / 1"	CHECKED - ST		REVISED -	SCALE: 1"=50'      SHEET NO. 1 OF 112 SHEETS      STA.      TO STA.		<b>CONTRACT NO. 66992</b>		ILLINOIS FED. AID PROJECT	
PLOT DATE = 8/5/2016	DATE - 08/2016	REVISED -								

**MAINTENANCE OF TRAFFIC STAGING/CONSTRUCTION SEQUENCE:**

PRE-STAGE

**TRAFFIC:**

1. UTILIZE IDOT STANDARD 701326 TO CONSTRUCT TEMPORARY PAVEMENT WIDENING ALONG SB IL 178, DEE BENNETT RD. AND N. 27TH RD.

**CONSTRUCTION:**

1. INSTALL TEMPORARY PAVEMENT ALONG SB IL 178 SHOULDER FROM STA. 38+00 TO 54+86.
2. INSTALL N. 27TH RD. TEMPORARY PAVEMENT WIDENING FROM STA. 26+20 TO 29+87 AND DEE BENNETT RD. TEMPORARY PAVEMENT WIDENING FROM STA. 30+11 TO 36+07.

STAGE 1

**TRAFFIC:**

1. IL 178 SB TRAFFIC PARTIALLY SHIFTED ONTO OUTSIDE SHOULDER NEAR SOUTH PROJECT LIMITS.
2. IL 178 LANE WIDTHS ARE REDUCED TO 11.5' NEAR SOUTH PROJECT LIMITS.
3. PARTIALLY SHIFT DEE BENNETT RD. AND N. 27TH RD. TRAFFIC ONTO TEMPORARY WIDENING.
4. DEE BENNETT RD. TRAFFIC LANES WIDTH REDUCED TO 10.5' AND N. 27TH RD. TRAFFIC LANES WIDTH REDUCED TO 14.5'.
5. UTILIZE IDOT STANDARDS 701011 AND 701326 FOR PARTIAL LANE AND SHOULDER CLOSURE TO CONSTRUCT TEMPORARY PAVEMENT WIDENING. MAINTAIN ACCESS TO WEST DRIVEWAYS AT ALL TIMES.

**CONSTRUCTION:**

1. CONSTRUCT PROPOSED BRIDGE AND EAST EMBANKMENT.
2. CONSTRUCT PROPOSED MAINLINE PAVEMENT SOUTH OF DEE BENNETT RD.
3. CONSTRUCT NORTH HALF OF DEE BENNETT RD. AND N. 27TH RD. PAVEMENT.
4. CONSTRUCT PROPOSED DRAINAGE AND UTILITY PIPES AND STRUCTURES ON THE EAST SIDE OF IL 178 ASSOCIATED WITH STAGE 1 CONSTRUCTION.
5. CONSTRUCT NORTH PORTION OF PROPOSED CULVERTS AND TEMPORARY CULVERT EXTENSIONS ON N. 27TH RD. AND DEE BENNETT RD. PLACE TEMPORARY INLETS AND EXTENSIONS TO EXISTING LATERALS ALONG IL 178.
6. BEGIN CONSTRUCTING SHARED-USE PATH.
7. PLACE TEMPORARY CULVERT EXTENSIONS AT THE VILLAGE HALL ENTRANCES.
8. INSTALL TEMPORARY WIDENING ALONG SB IL 178 FROM STA. 1+70 TO 9+51 IN PREPARATION FOR FUTURE SHIFT.

STAGE 1A

**TRAFFIC:**

1. SHIFT IL 178 TRAFFIC ONTO TEMPORARY WIDENING NORTH OF DEE BENNETT RD.
2. RETAIN STAGE 1 TRAFFIC CONFIGURATION SOUTH OF DEE BENNETT RD.
3. PARTIALLY SHIFT DEE BENNETT RD. AND N. 27TH RD. TRAFFIC ONTO PROPOSED PAVEMENT AND TEMPORARY WIDENING.
4. PROVIDE 14.5' WIDE LANES ON N. 27TH RD. AND 10.5' WIDE LANES ON DEE BENNETT RD.

**CONSTRUCTION:**

1. CONSTRUCT PROPOSED IL 178 PAVEMENT NORTH OF DEE BENNETT RD.
2. CONSTRUCT SOUTH HALF OF DEE BENNETT RD. AND N. 27TH RD. PAVEMENT.
3. CONSTRUCT PROPOSED DRAINAGE AND UTILITY PIPES AND STRUCTURES ON THE EAST SIDE OF IL 178 ASSOCIATED WITH STAGE 1A CONSTRUCTION.
4. CONSTRUCT SOUTH PORTION OF PROPOSED CULVERT ON DEE BENNETT RD.
5. CONSTRUCT EAST DRIVEWAYS.

STAGE 2

**TRAFFIC:**

1. SHIFT IL 178 TRAFFIC ONTO PROPOSED PAVEMENT.
2. IL 178 LANE WIDTHS ARE REDUCED TO 10.5' NORTH OF STA. 15+00 AND SOUTH OF 37+00.
3. PARTIALLY SHIFT DEE BENNETT RD. AND N. 27TH RD. TRAFFIC ONTO PROPOSED PAVEMENT AND TEMPORARY WIDENING.
4. PROVIDE 12' WIDE LANES ON DEE BENNETT RD. AND 14.5' WIDE LANES ON N. 27TH RD.
5. UTILIZE IDOT STANDARDS 701011 AND 701326 FOR PARTIAL LANE AND SHOULDER CLOSURE TO CONSTRUCT IL 178 SOUTHBOUND SHOULDER.

**CONSTRUCTION:**

1. COMPLETE REMAINING PORTION OF PROPOSED IL 178 PAVEMENT.
2. BUILD WEST EMBANKMENT.
3. CONSTRUCT SOUTH PORTION OF PROPOSED CULVERT ON N. 27TH RD. CONSTRUCT PROPOSED DRAINAGE AND UTILITY PIPES AND STRUCTURES ON THE WEST SIDE OF IL 178 ASSOCIATED WITH STAGE 2 CONSTRUCTION.
4. CONSTRUCT SOUTHWEST PORTION OF PROPOSED N. 27TH RD. INTERSECTION PAVEMENT AND WEST DRIVEWAY.
5. CONSTRUCT IL 178 SOUTHBOUND SHOULDER NORTH OF DEE BENNETT RD.
6. REMOVE EXISTING PAVEMENT AND BRIDGE STRUCTURE.

STAGE 2A

**TRAFFIC:**

1. SHIFT IL 178 TRAFFIC SOUTH OF DEE BENNETT RD. INTERSECTION AND DEE BENNETT RD. INTO FINAL CONFIGURATION.
2. RETAIN STAGE 2 IL 178 TRAFFIC CONFIGURATION NORTH OF DEE BENNETT RD. INTERSECTION.
3. SHIFT N. 27TH RD. TRAFFIC ONTO PROPOSED PAVEMENT.
4. USE TEMPORARY PAVEMENT WIDENING TO ACCOMMODATE SOUTHBOUND IL 178 TO N. 27TH RD. RIGHT TURN MOVEMENT.
5. PROVIDE 12' WIDE LANES ON DEE BENNETT RD. AND 14.5' WIDE LANES ON N. 27TH RD.
6. UTILIZE IDOT STANDARDS 701011 OR 701201 AND 701501 FOR PARTIAL LANE AND SHOULDER CLOSURE TO COMPLETE OMITTED PAVEMENT AT N. 27TH RD. INTERSECTION.

**CONSTRUCTION:**

1. CONSTRUCT NORTHWEST PORTION OF PROPOSED N. 27TH RD. INTERSECTION PAVEMENT.
2. PLACE FINAL STRIPING ON DEE BENNETT RD. AND IL 178 SOUTH OF DEE BENNETT RD. INTERSECTION.

POST STAGE

**TRAFFIC:**

1. UTILIZE PROPOSED IL 178, DEE BENNETT RD., AND N. 27TH RD. TRAFFIC CONFIGURATION.
2. USE IDOT STANDARD 701011 TO CONSTRUCT SHOULDERS ON DEE BENNETT RD. AND N. 27TH RD.
3. UTILIZE IDOT STANDARD 701306 TO RESURFACE IL 178 NEAR NORTH AND SOUTH PROJECT LIMITS.

**CONSTRUCTION:**

1. RESURFACE IL 178 NEAR NORTH AND SOUTH PROJECT LIMITS.
2. REMOVE TEMPORARY PAVEMENT WIDENING.
3. REMOVE TEMPORARY CULVERT EXTENSIONS AND COMPLETE DRAINAGE WORK ON N. 27TH RD. AND DEE BENNETT RD.
4. CONSTRUCT SHOULDERS ALONG DEE BENNETT RD. AND N. 27TH RD.
5. PLACE REMAINING PROPOSED STRIPING AND SIGNING.
6. COMPLETE SHARED-USE PATH.



DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
STAGING AND CONSTRUCTION SEQUENCES**

SCALE: 1"=50'

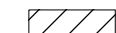

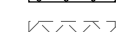




SHEET NO. 2 OF 112 SHEETS

STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	60
			CONTRACT NO. 66992	
ILLINOIS FED. AID PROJECT				

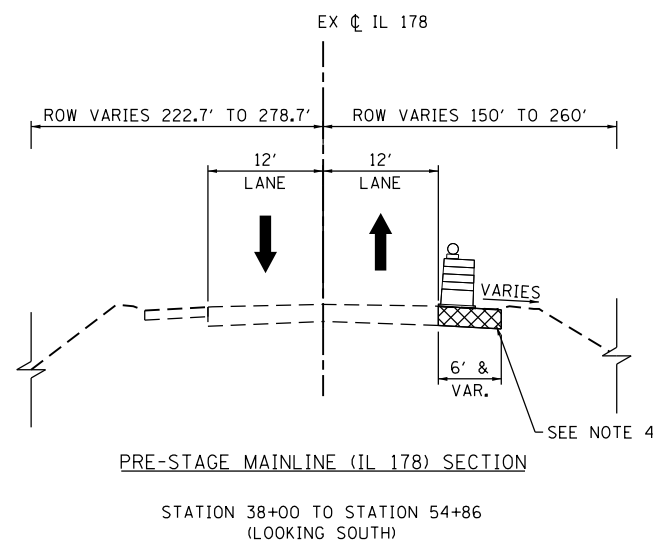
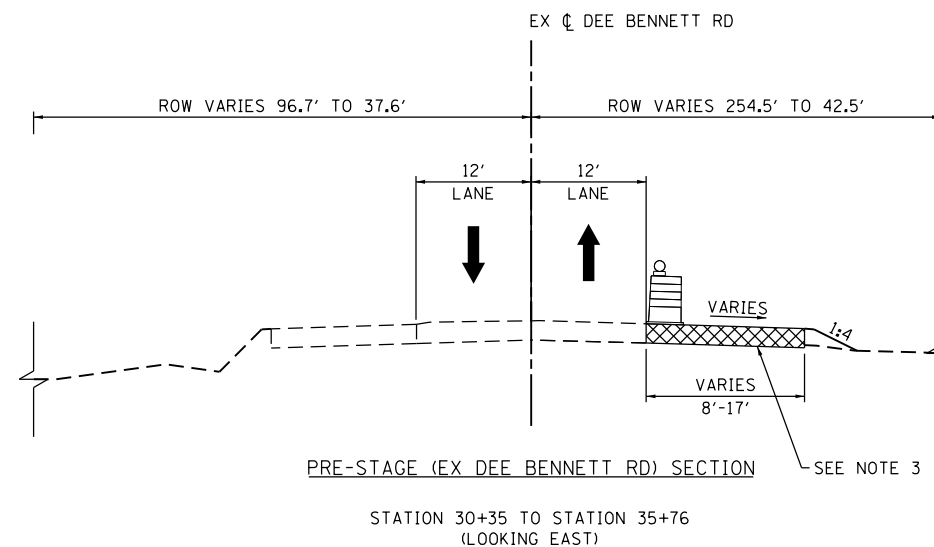
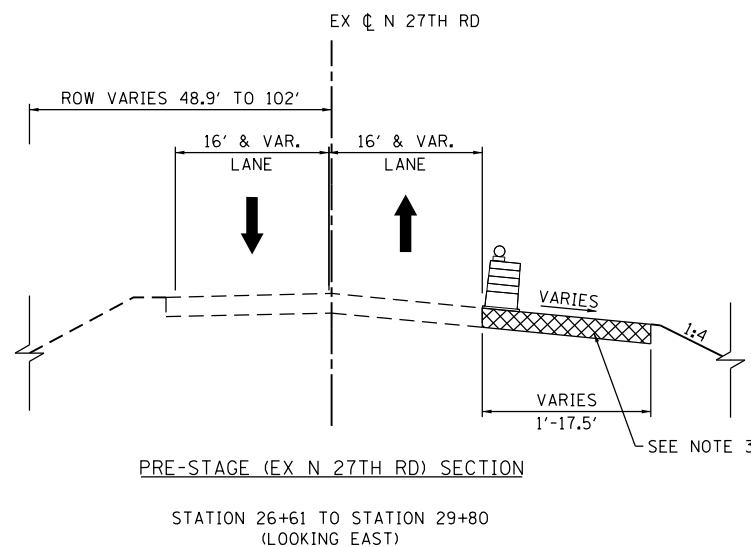


**TYPICAL SECTION SYMBOLS**

-  WORK ZONE
-  TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
-  TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
-  DIRECTION OF TRAFFIC
-  TEMPORARY CONCRETE BARRIER
-  VERTICAL PANEL POST WITH STEADY BURNING LIGHT
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY CONCRETE BARRIER

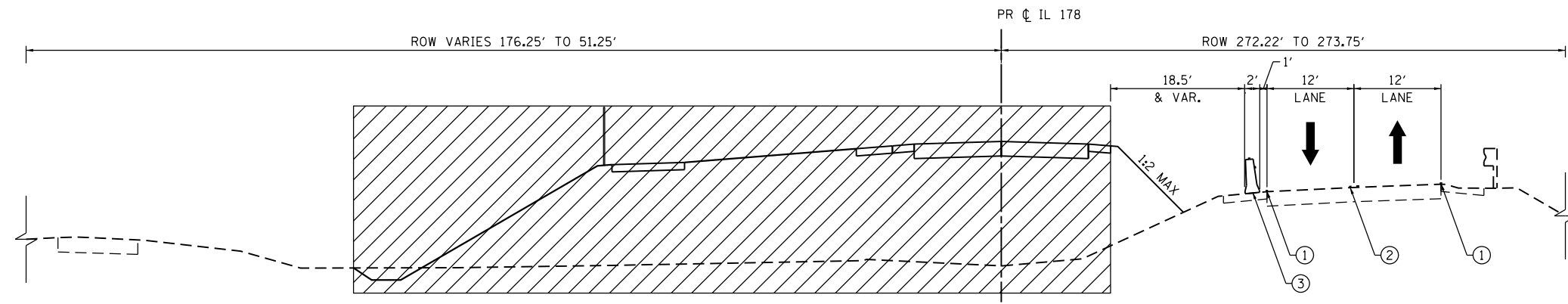


**NOTES**

- 1. SEE MOT PLAN VIEW FOR DETAILS ON DIMENSIONS THAT VARY.
- 2. TYPICAL SECTION DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.
- 3. TEMPORARY PAVEMENT CROSS-SLOPE TO MATCH ADJACENT PAVEMENT CROSS-SLOPE.
- 4. USE EXISTING SHOULDER CROSS-SLOPE.

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	61
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



STAGE 1 MAINLINE (IL 178) SECTION

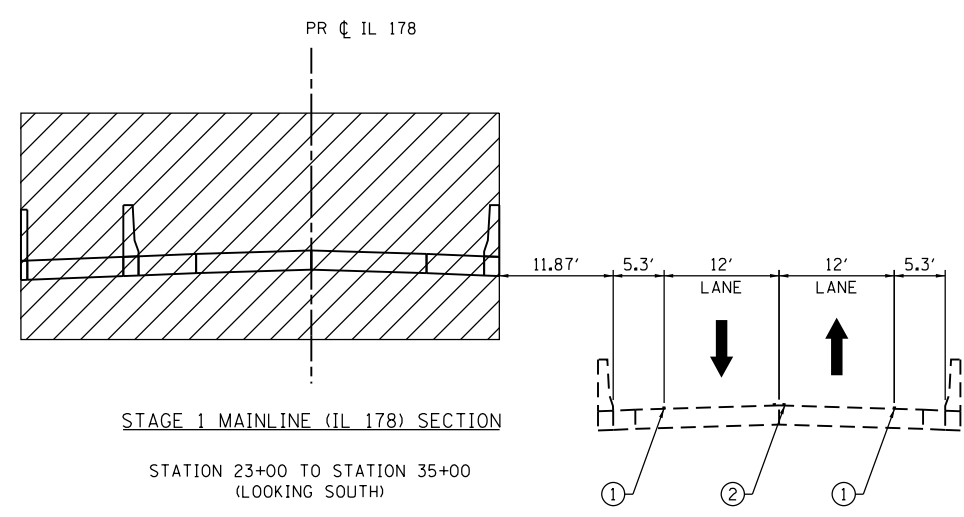
STATION 14+00 TO STATION 23+00  
(LOOKING SOUTH)

**TYPICAL SECTION SYMBOLS**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- VERTICAL PANEL POST WITH STEADY BURNING LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT

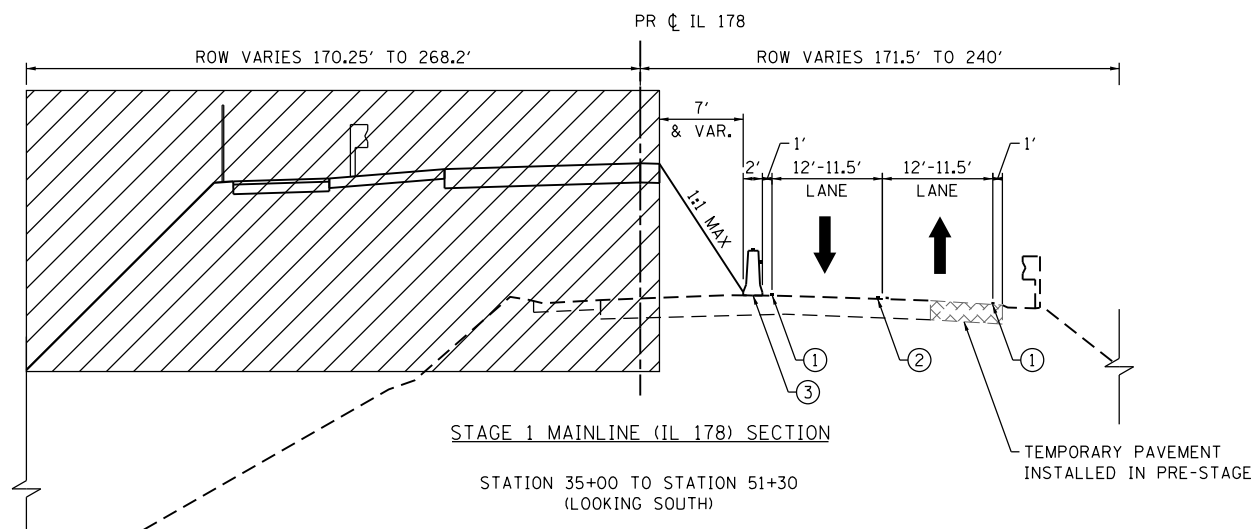
**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY CONCRETE BARRIER



STAGE 1 MAINLINE (IL 178) SECTION

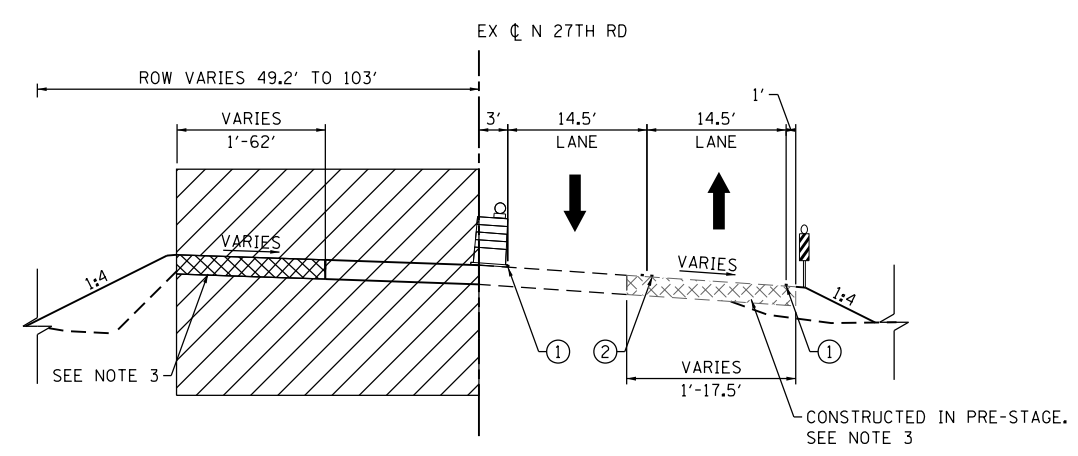
STATION 23+00 TO STATION 35+00  
(LOOKING SOUTH)



STAGE 1 MAINLINE (IL 178) SECTION

STATION 35+00 TO STATION 51+30  
(LOOKING SOUTH)

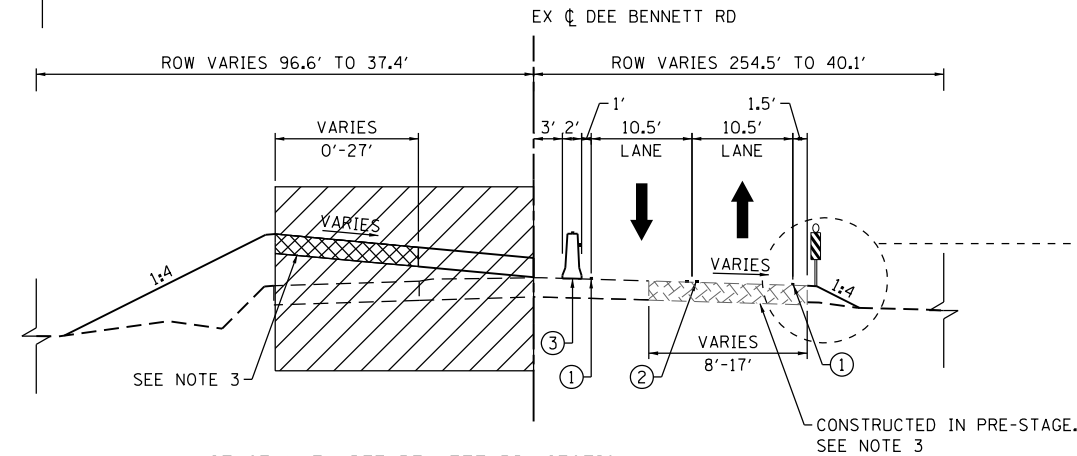
TEMPORARY PAVEMENT  
INSTALLED IN PRE-STAGE



STAGE 1 (EX N 27TH RD) SECTION

STATION 26+20 TO STATION 29+37  
(LOOKING EAST)

CONSTRUCTED IN PRE-STAGE.  
SEE NOTE 3

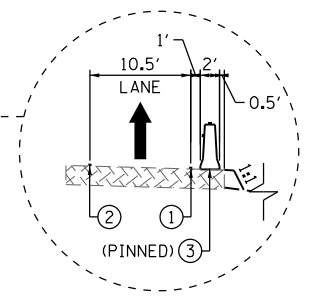


STAGE 1 (EX DEE BENNETT RD) SECTION

STATION 30+35 TO STATION 35+76  
(LOOKING EAST)

CONSTRUCTED IN PRE-STAGE.  
SEE NOTE 3

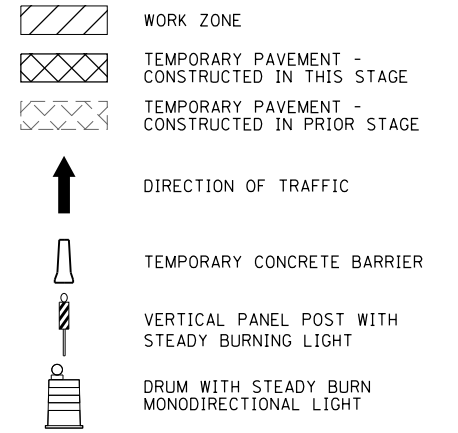
RESTRICTED ROW AREA  
STATION 32+31 TO STATION 35+46  
(LOOKING EAST)



**NOTES**

1. SEE MOT PLAN VIEW FOR DETAILS ON DIMENSIONS THAT VARY.
2. TYPICAL SECTION DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.
3. TEMPORARY PAVEMENT CROSS-SLOPE TO MATCH ADJACENT PAVEMENT CROSS-SLOPE.

**TYPICAL SECTION SYMBOLS**

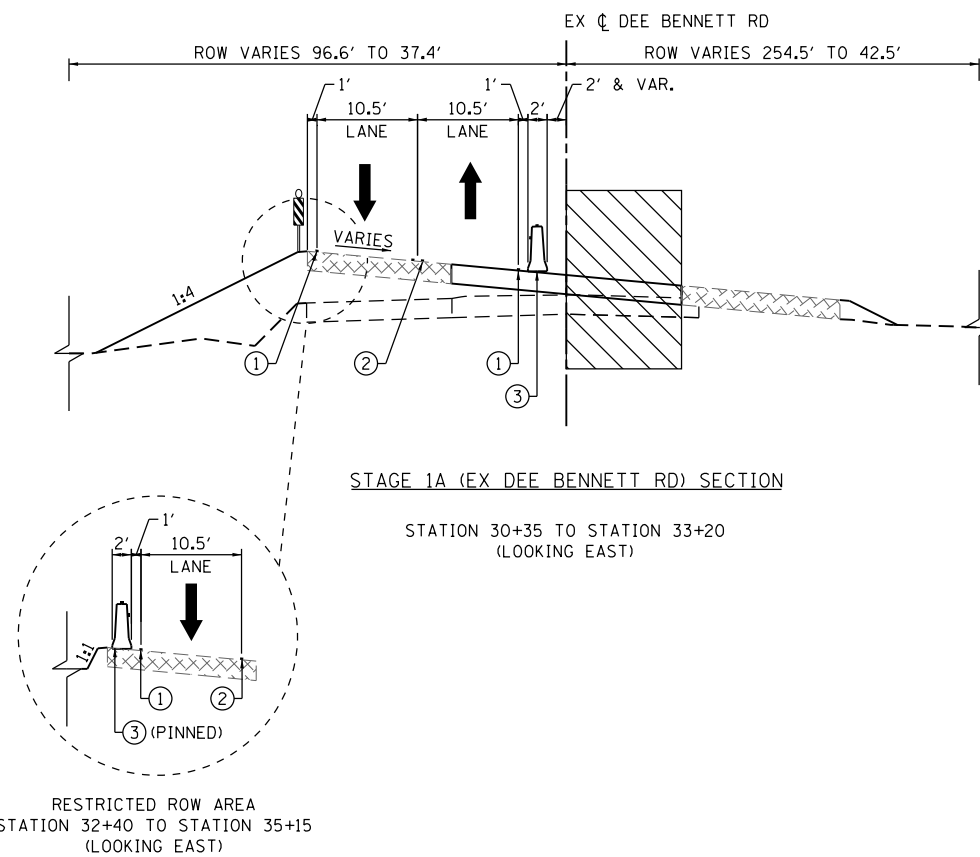
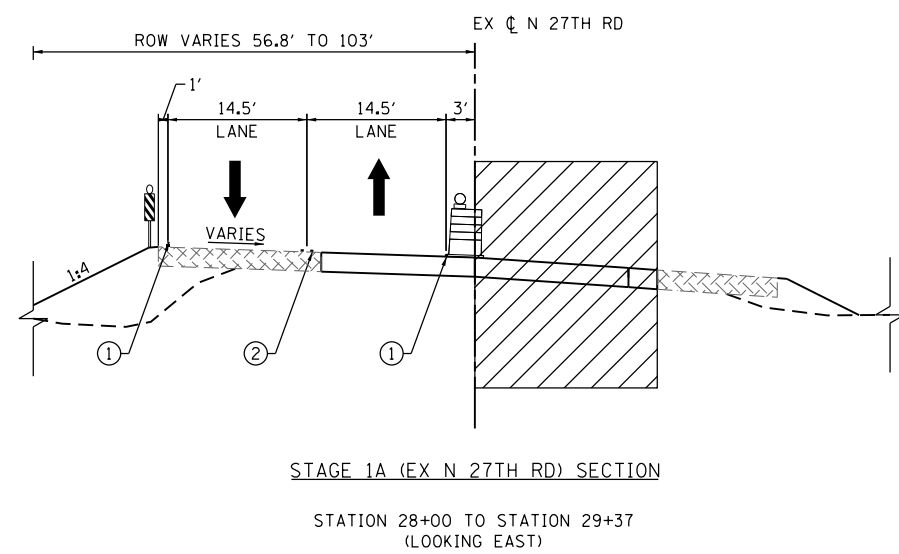
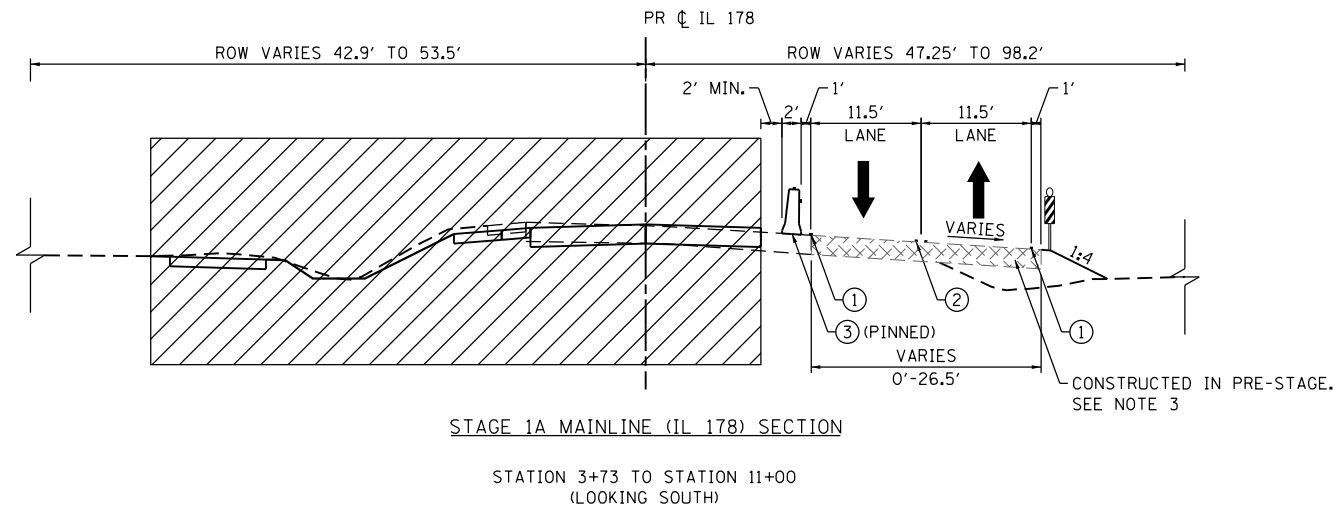


**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY CONCRETE BARRIER

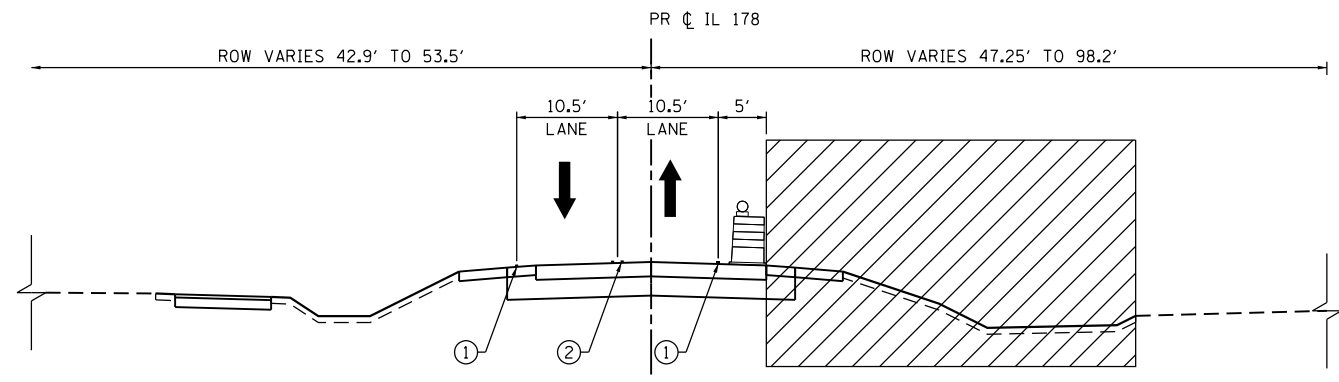
**NOTES**

1. SEE MOT PLAN VIEW FOR DETAILS ON DIMENSIONS THAT VARY.
2. TYPICAL SECTION DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.
3. TEMPORARY PAVEMENT CROSS-SLOPE TO MATCH ADJACENT PAVEMENT CROSS-SLOPE.



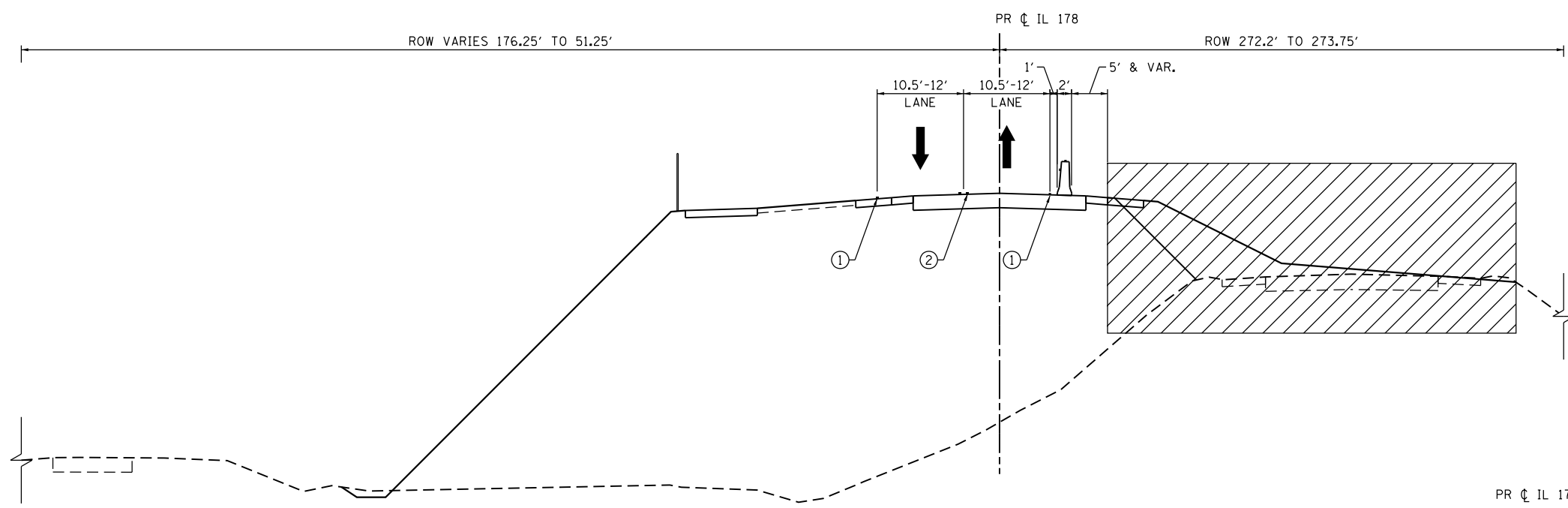
DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	63
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



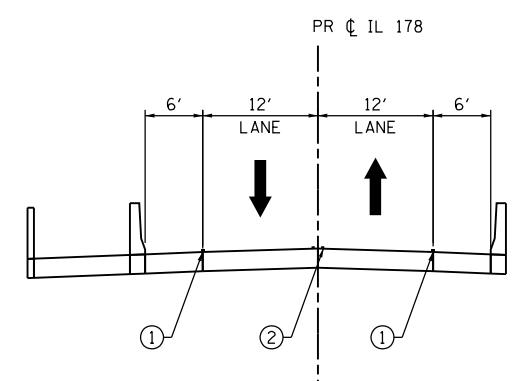
STAGE 2 MAINLINE (IL 178) SECTION

STATION 3+73 TO STATION 11+00  
(LOOKING SOUTH)



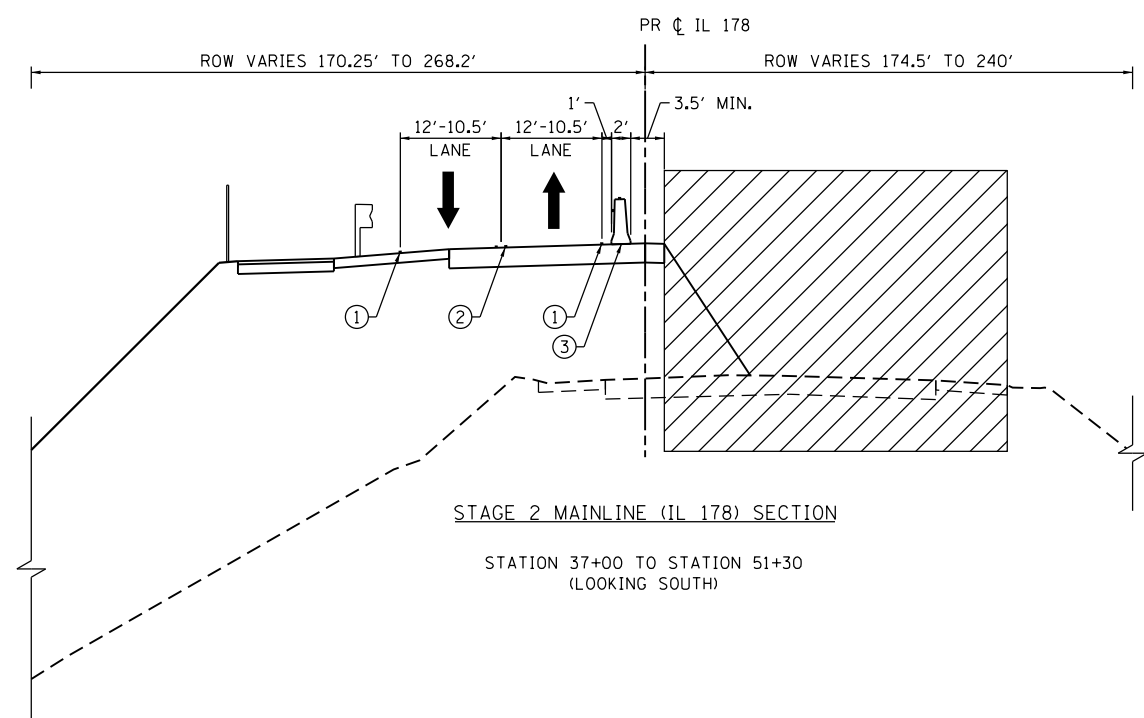
STAGE 2 MAINLINE (IL 178) SECTION

STATION 14+00 TO STATION 23+00  
(LOOKING SOUTH)



STAGE 2 MAINLINE (IL 178) SECTION








STATION 23+00 TO STATION 37+00  
(LOOKING SOUTH)



STAGE 2 MAINLINE (IL 178) SECTION

STATION 37+00 TO STATION 51+30  
(LOOKING SOUTH)

**TYPICAL SECTION SYMBOLS**

-  WORK ZONE
-  TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
-  TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
-  DIRECTION OF TRAFFIC
-  TEMPORARY CONCRETE BARRIER
-  VERTICAL PANEL POST WITH STEADY BURNING LIGHT
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT

**MOT PROPOSED LEGEND**

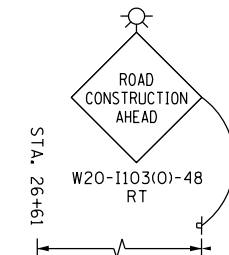
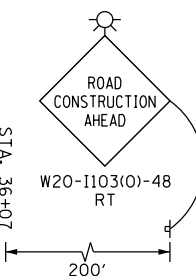
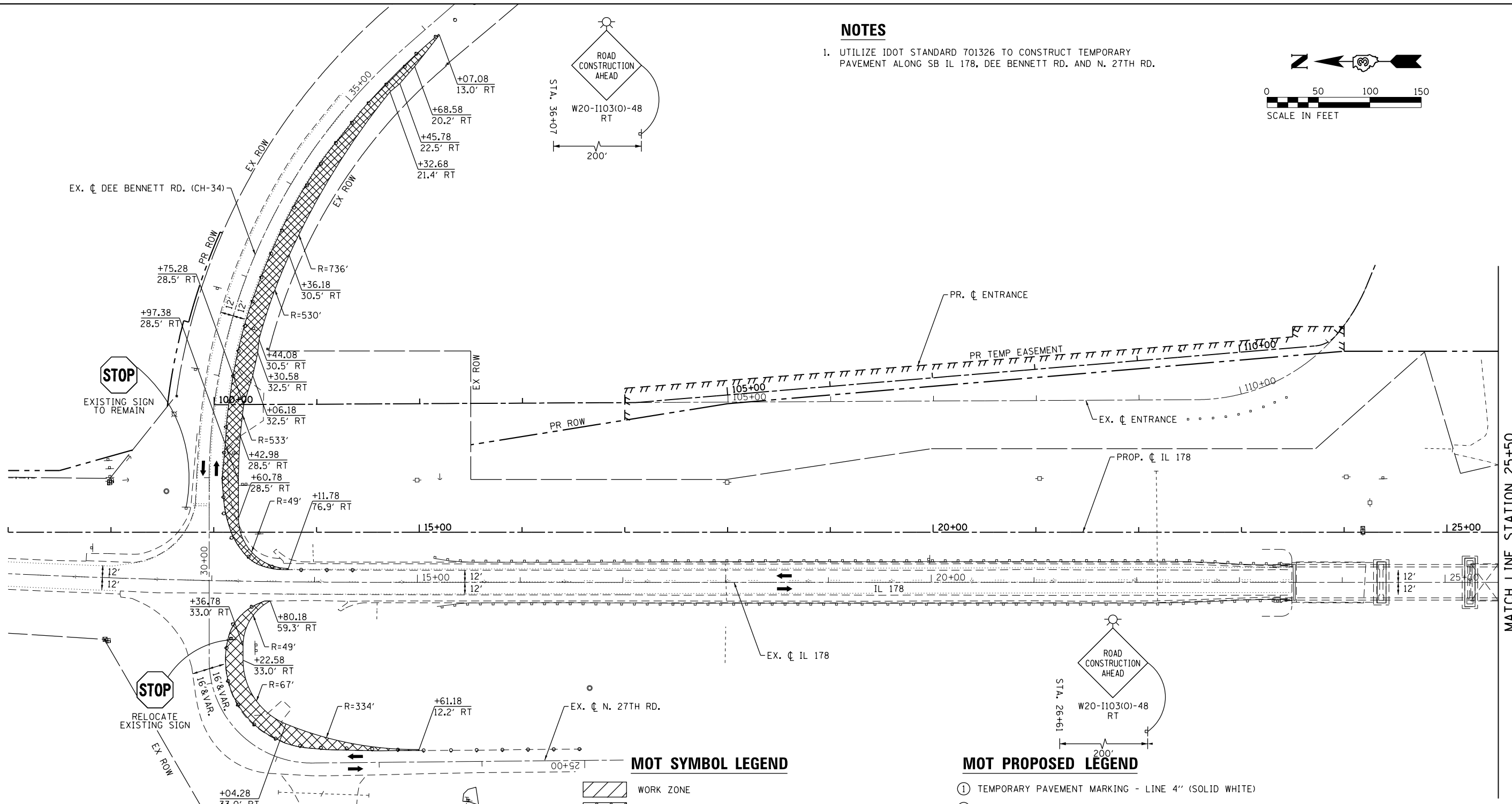
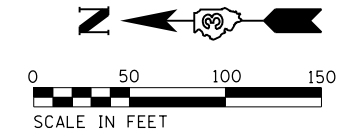
- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY CONCRETE BARRIER

**NOTES**

1. SEE MOT PLAN VIEW FOR DETAILS ON DIMENSIONS THAT VARY.
2. TYPICAL SECTION DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.
3. TEMPORARY PAVEMENT CROSS-SLOPE TO MATCH ADJACENT PAVEMENT CROSS-SLOPE.

**NOTES**

- UTILIZE IDOT STANDARD 701326 TO CONSTRUCT TEMPORARY PAVEMENT ALONG SB IL 178, DEE BENNETT RD, AND N. 27TH RD.



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADIUS, 50' C-C TAPERS, 100' C-C TANGENTS
- DRUM OR T2 BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADIUS, 50' C-C TAPERS, 100' C-C TANGENTS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE 2" DASH, 6" SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 24" (STOP BAR)
- ⑧ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- [A] IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- [B] TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

**LIN ENGINEERING, LTD.**  
Consulting Engineers  
Westmont, Illinois

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

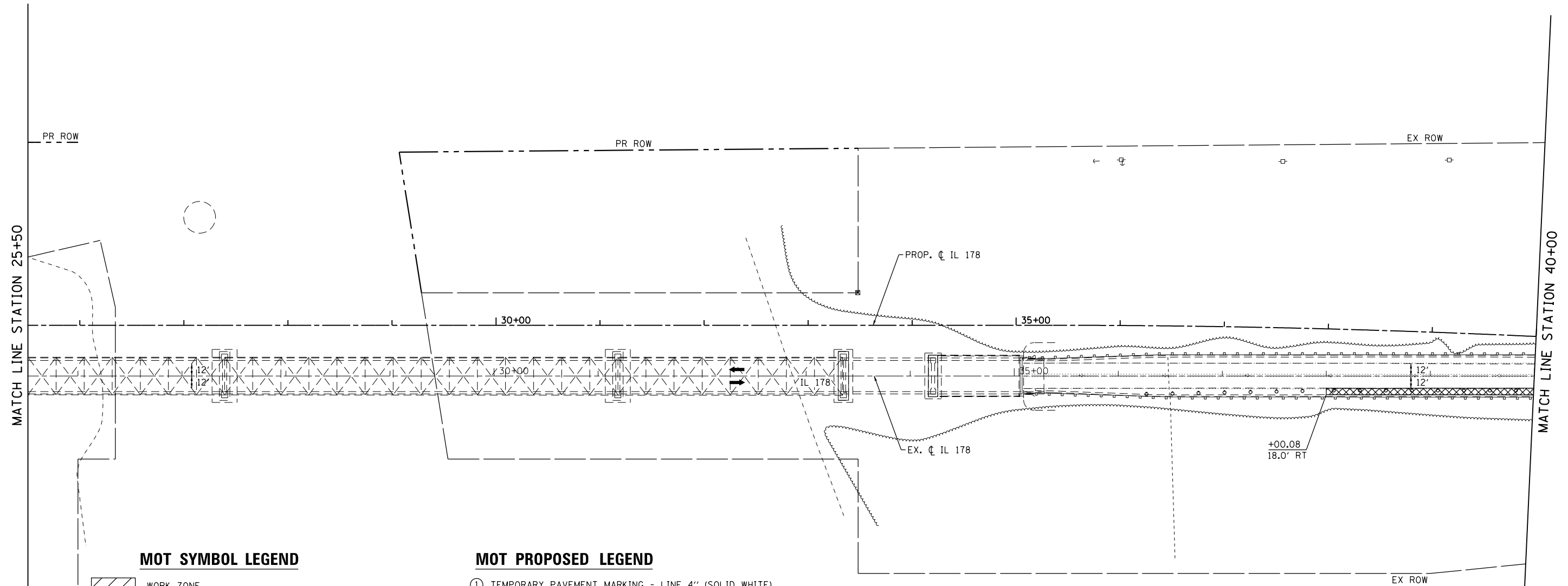
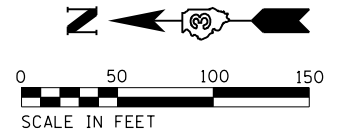
**ILLINOIS ROUTE 178  
STAGING PLAN - PRE-STAGE**

SCALE: 1"=50'      SHEET NO. 7 OF 112 SHEETS      STA. 11+00.00 TO STA. 25+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	65
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**NOTES**

1. UTILIZE IDOT STANDARD 701326 TO CONSTRUCT TEMPORARY PAVEMENT ALONG SB IL 178, DEE BENNETT RD. AND N. 27TH RD.



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- DRUM OR T2 BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE 2" DASH, 6" SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 24" (STOP BAR)
- ⑧ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- [A] IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- [B] TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

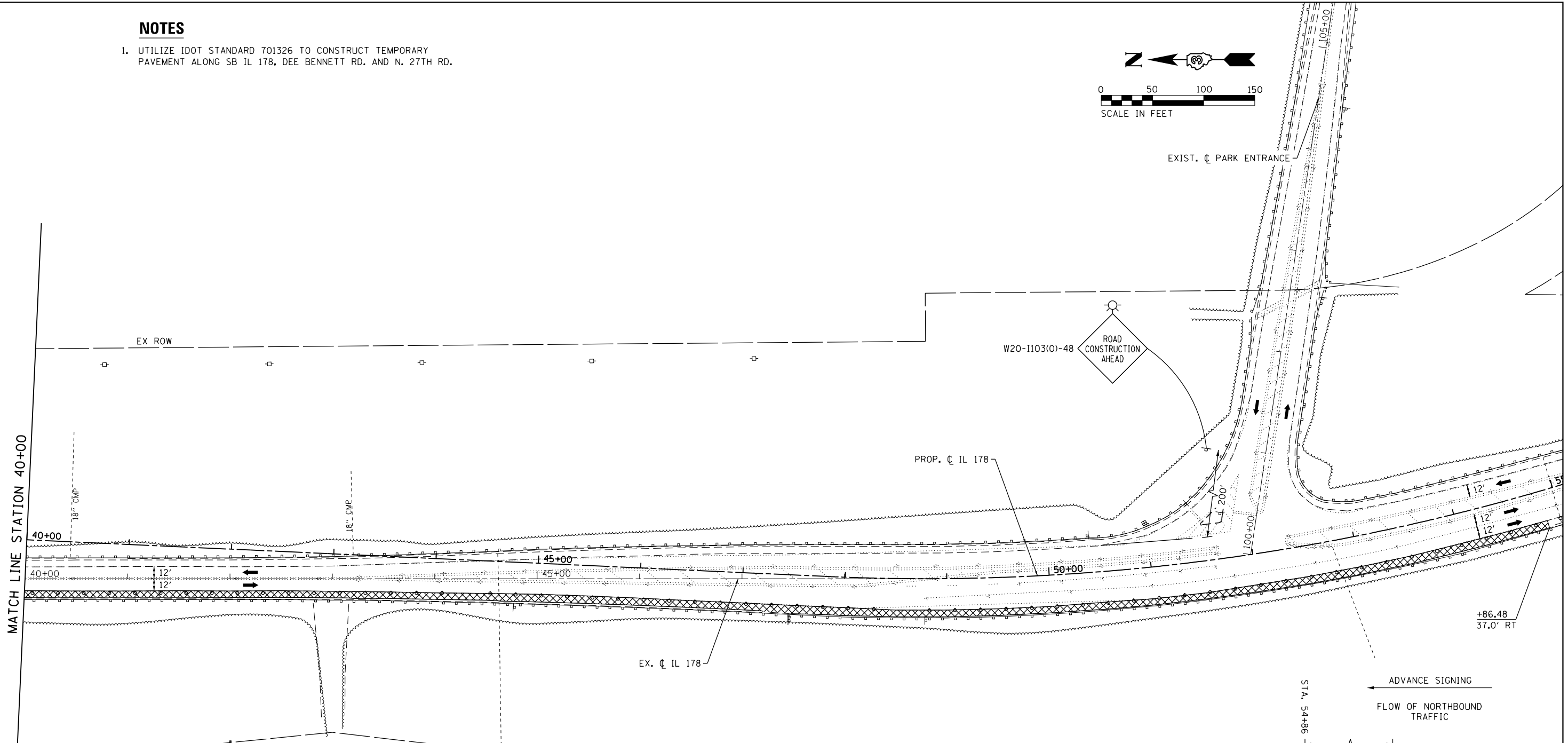
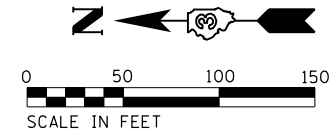
DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

ILLINOIS ROUTE 178 STAGING PLAN - PRE-STAGE			
SCALE: 1"=50'	SHEET NO. 8 OF 112 SHEETS	STA. 25+50.00	TO STA. 40+00.00

F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 66
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**NOTES**

- UTILIZE IDOT STANDARD 701326 TO CONSTRUCT TEMPORARY PAVEMENT ALONG SB IL 178, DEE BENNETT RD. AND N. 27TH RD.



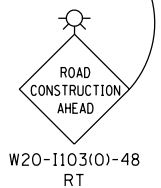
**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- DRUM OR T2 BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

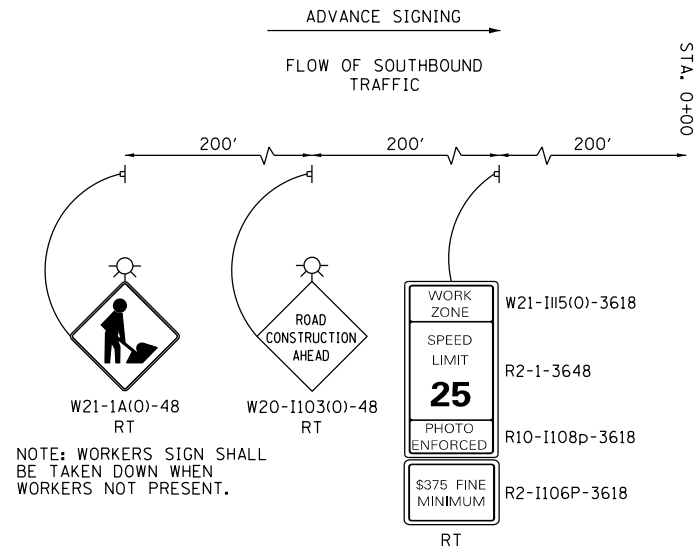
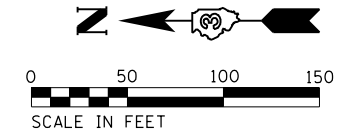
- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
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- ⑦ TEMPORARY PAVEMENT MARKING - LINE 24" (STOP BAR)
- ⑧ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- [A] IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- [B] TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

ADVANCE SIGNING  
FLOW OF NORTHBOUND TRAFFIC

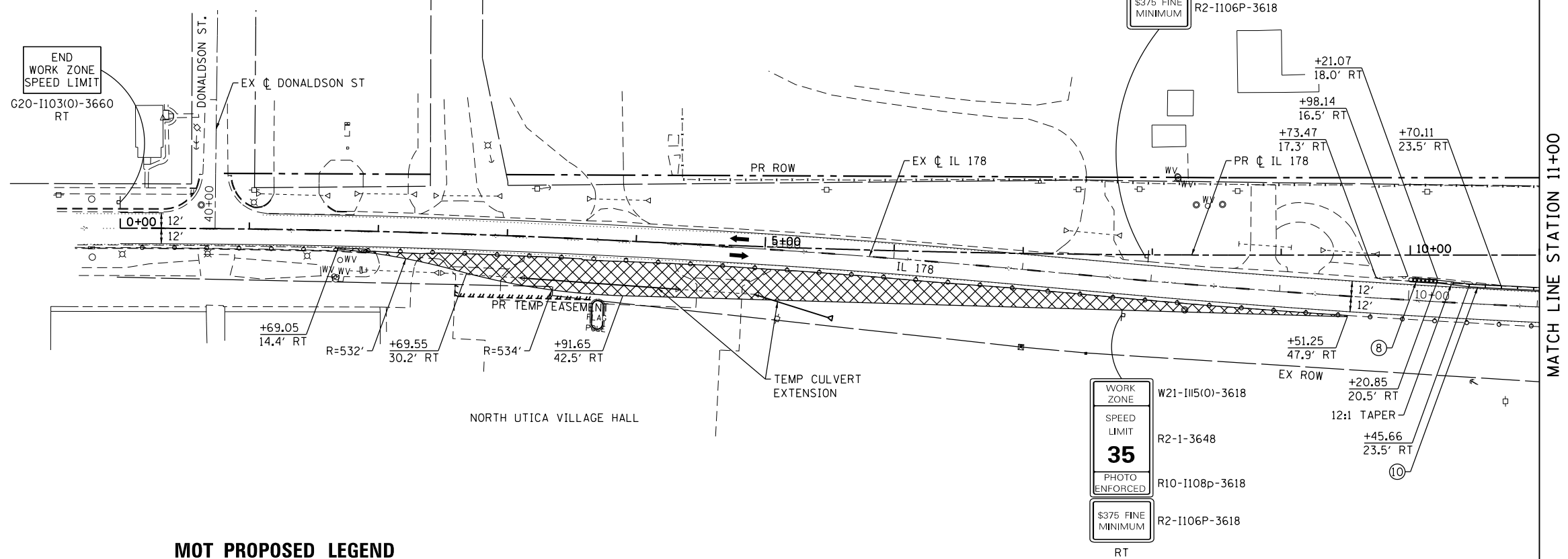


**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.
2. MINIMUM ONE ACCESS POINT TO NORTH UTICA VILLAGE HALL SHALL BE MAINTAINED AT ALL TIMES.



NOTE: WORKERS SIGN SHALL BE TAKEN DOWN WHEN WORKERS NOT PRESENT.



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
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- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
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- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- [A] IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- [B] TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

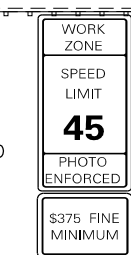
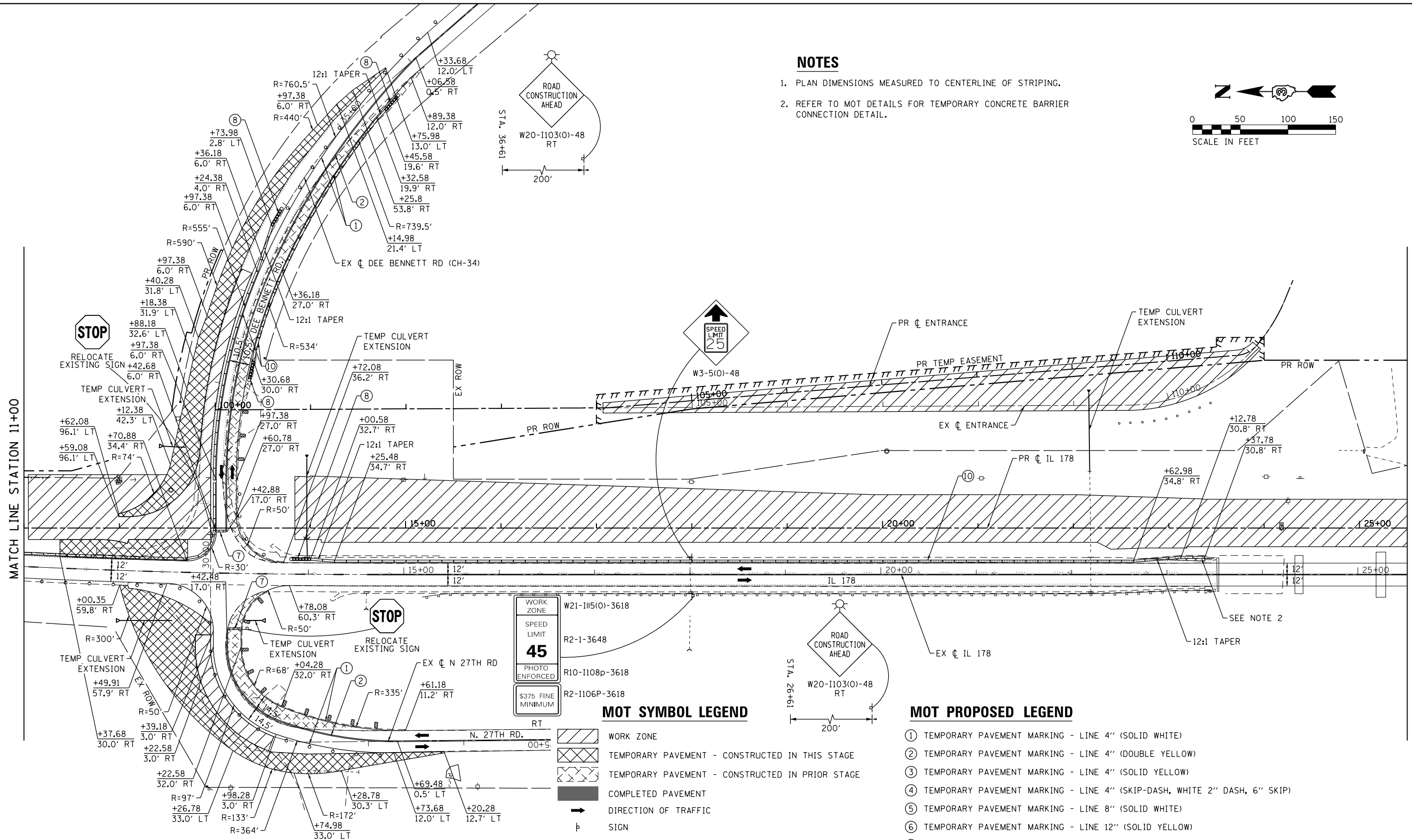
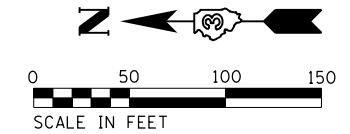
ILLINOIS ROUTE 178 STAGING PLAN - STAGE 1			
SCALE: 1"=50'	SHEET NO. 10 OF 112 SHEETS	STA. 0+00.00	TO STA. 11+00.00

F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 68
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.
2. REFER TO MOT DETAILS FOR TEMPORARY CONCRETE BARRIER CONNECTION DETAIL.



**MOT SYMBOL LEGEND**

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
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- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- [A] IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- [B] TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

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Consulting Engineers  
Westmont, Illinois

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

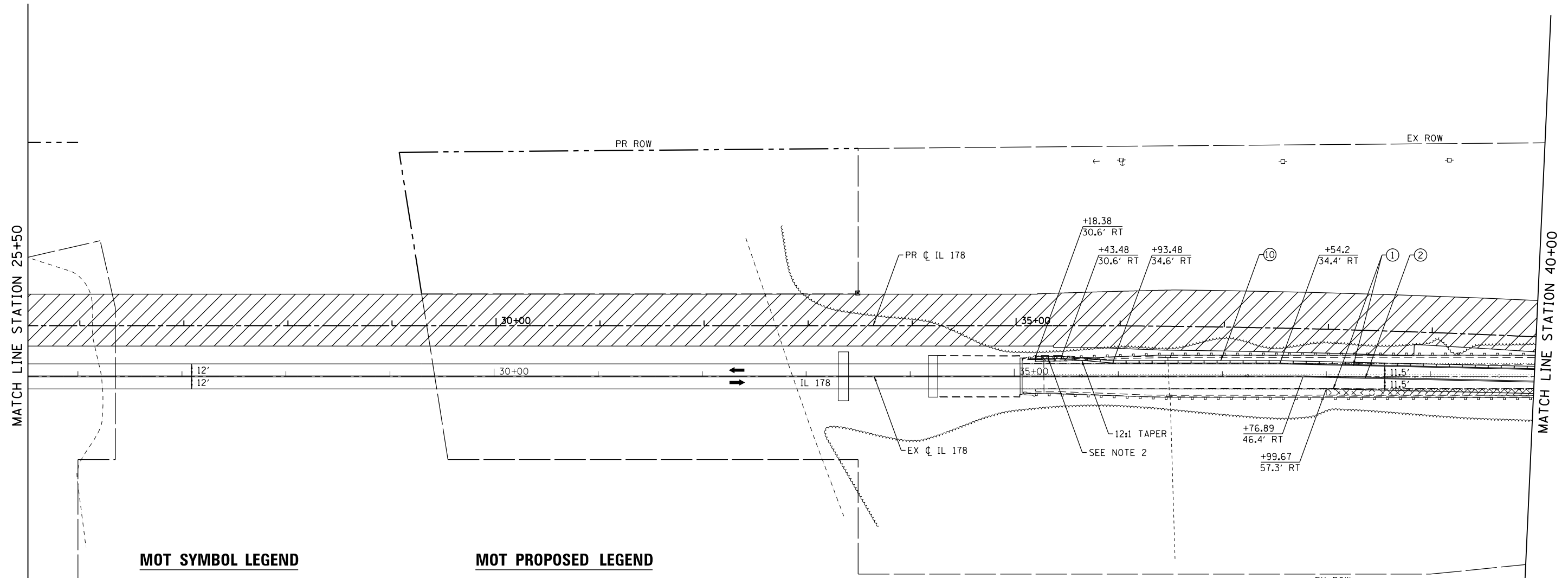
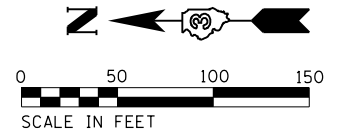
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ILLINOIS ROUTE 178 STAGING PLAN - STAGE 1</b>	
SCALE: 1"=50'	SHEET NO. 11 OF 112 SHEETS
STA. 11+00.00	TO STA. 25+50.00

F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 69
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.
2. REFER TO MOT DETAILS FOR TEMPORARY CONCRETE BARRIER CONNECTION DETAIL.



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- DRUM OR T2 BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE 2" DASH, 6" SKIP)
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- ⑦ TEMPORARY PAVEMENT MARKING - LINE 24" (STOP BAR)
- ⑧ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- A IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- B TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

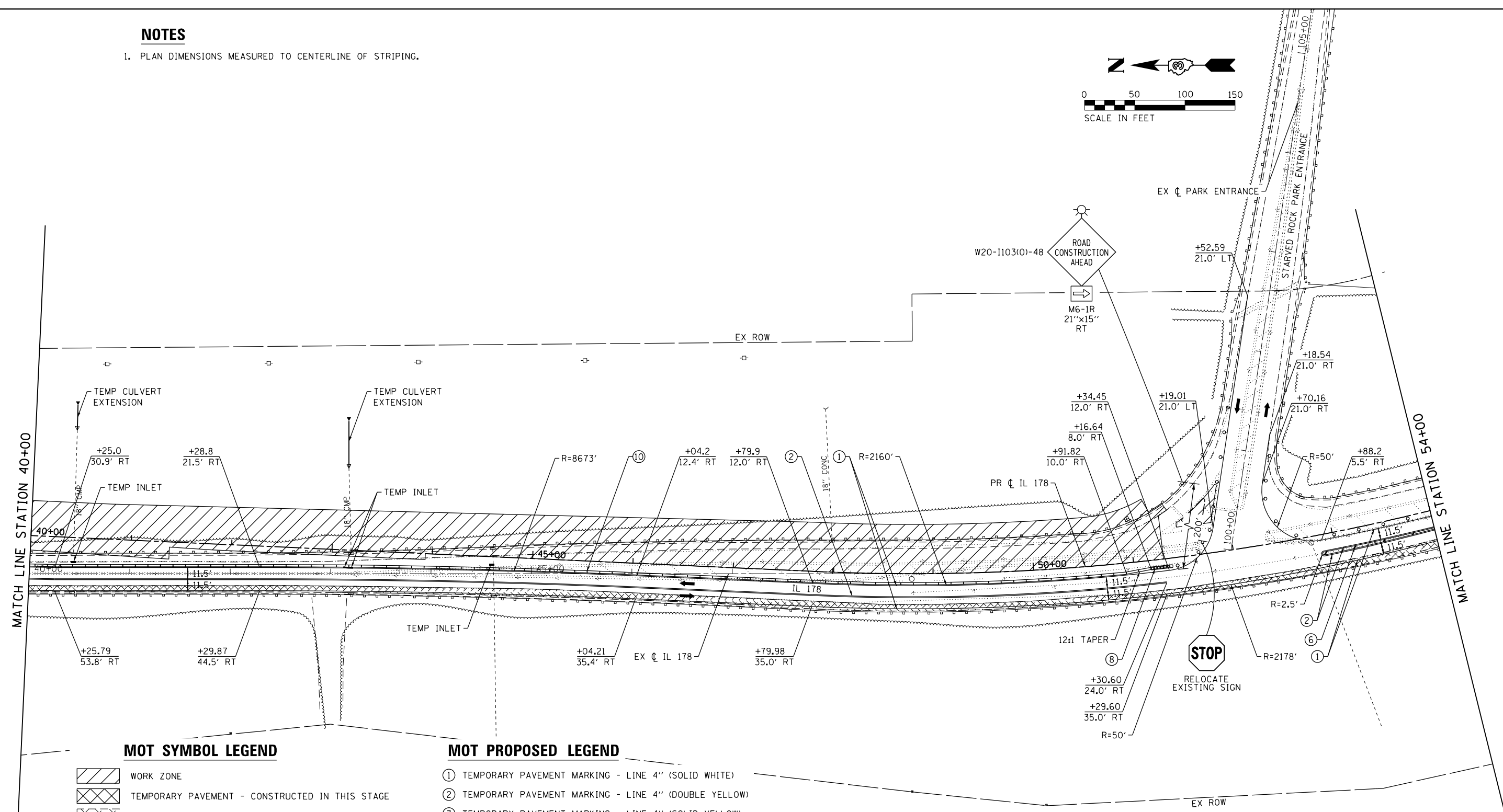
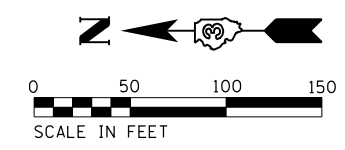
DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

ILLINOIS ROUTE 178 STAGING PLAN - STAGE 1	
SCALE: 1"=50'	SHEET NO. 12 OF 112 SHEETS
STA. 25+50.00	TO STA. 40+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	70
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.



**MOT SYMBOL LEGEND**

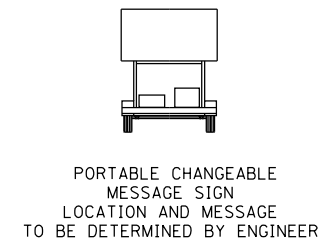
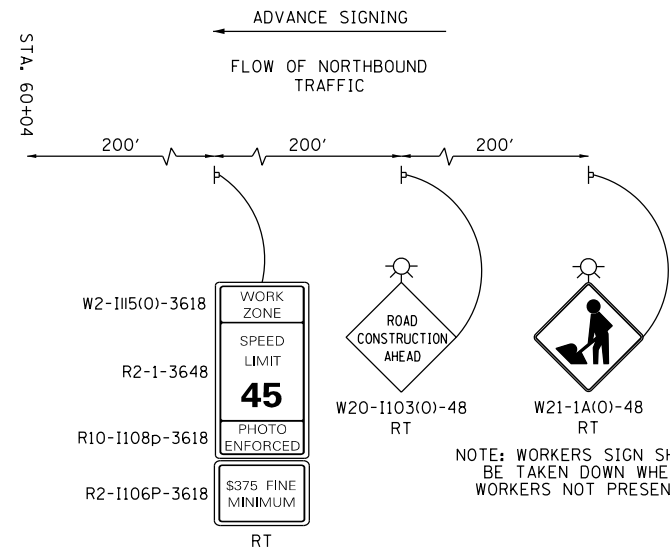
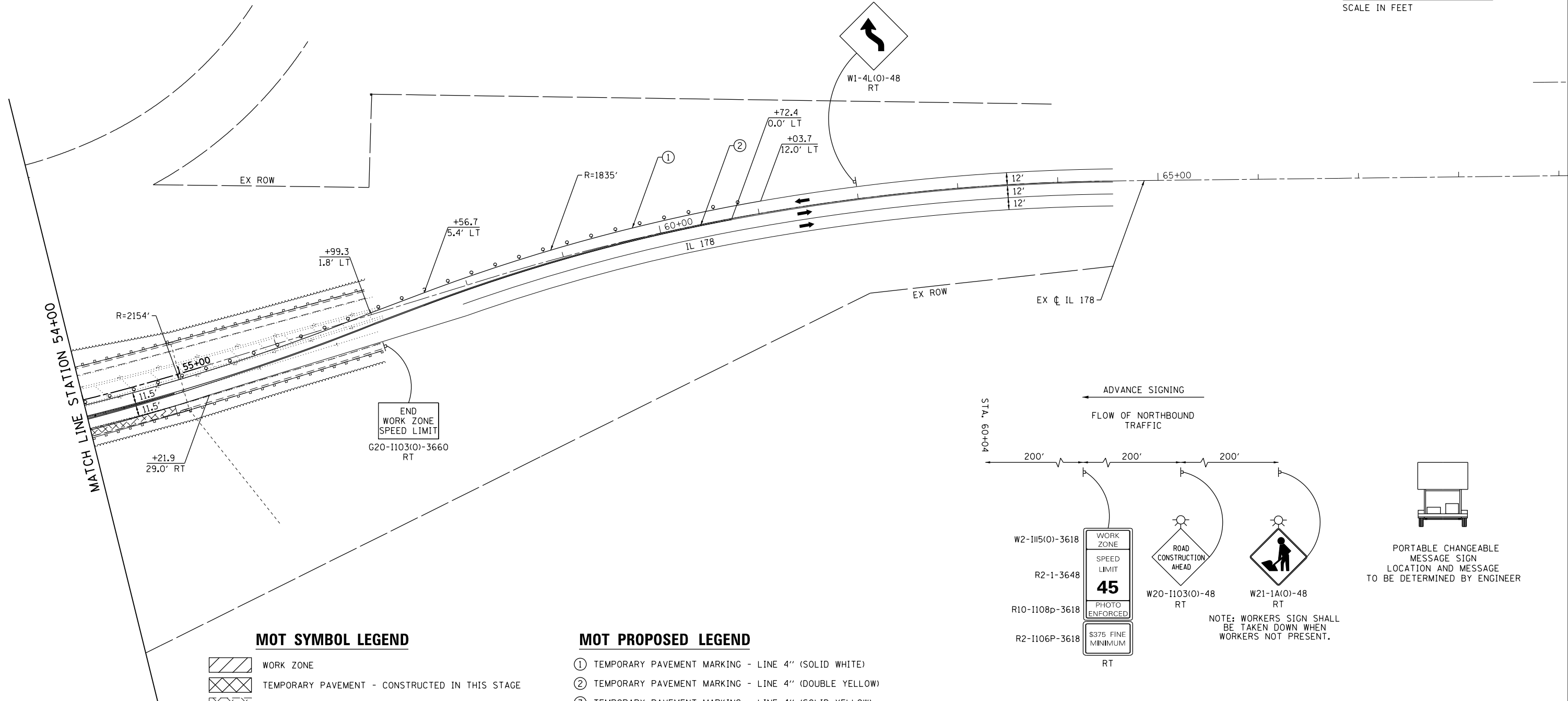
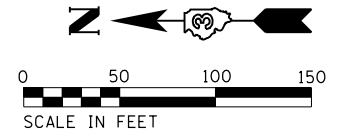
- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- DRUM OR T2 BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
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- ⑧ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- A IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- B TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
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- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

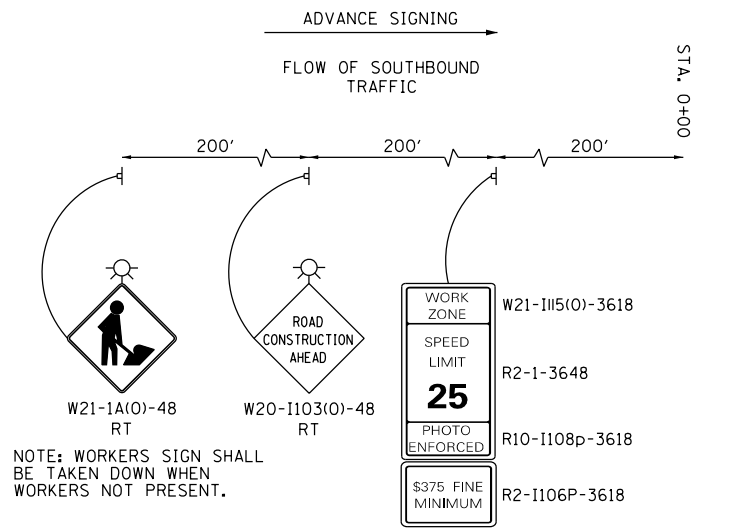
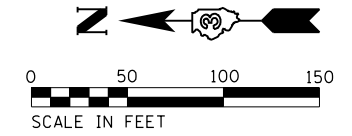
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- ⑩ TEMPORARY CONCRETE BARRIER
- A IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- B TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

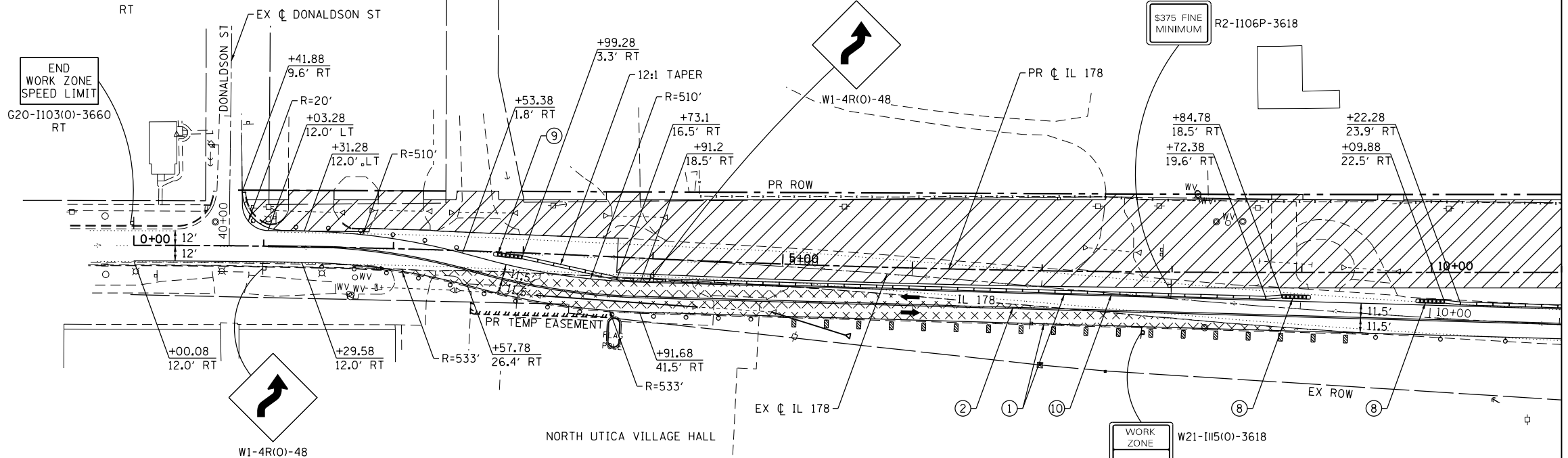
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	72
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.
2. ACCESS TO EAST DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.



NOTE: WORKERS SIGN SHALL BE TAKEN DOWN WHEN WORKERS NOT PRESENT.



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- DRUM OR T2 BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
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- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

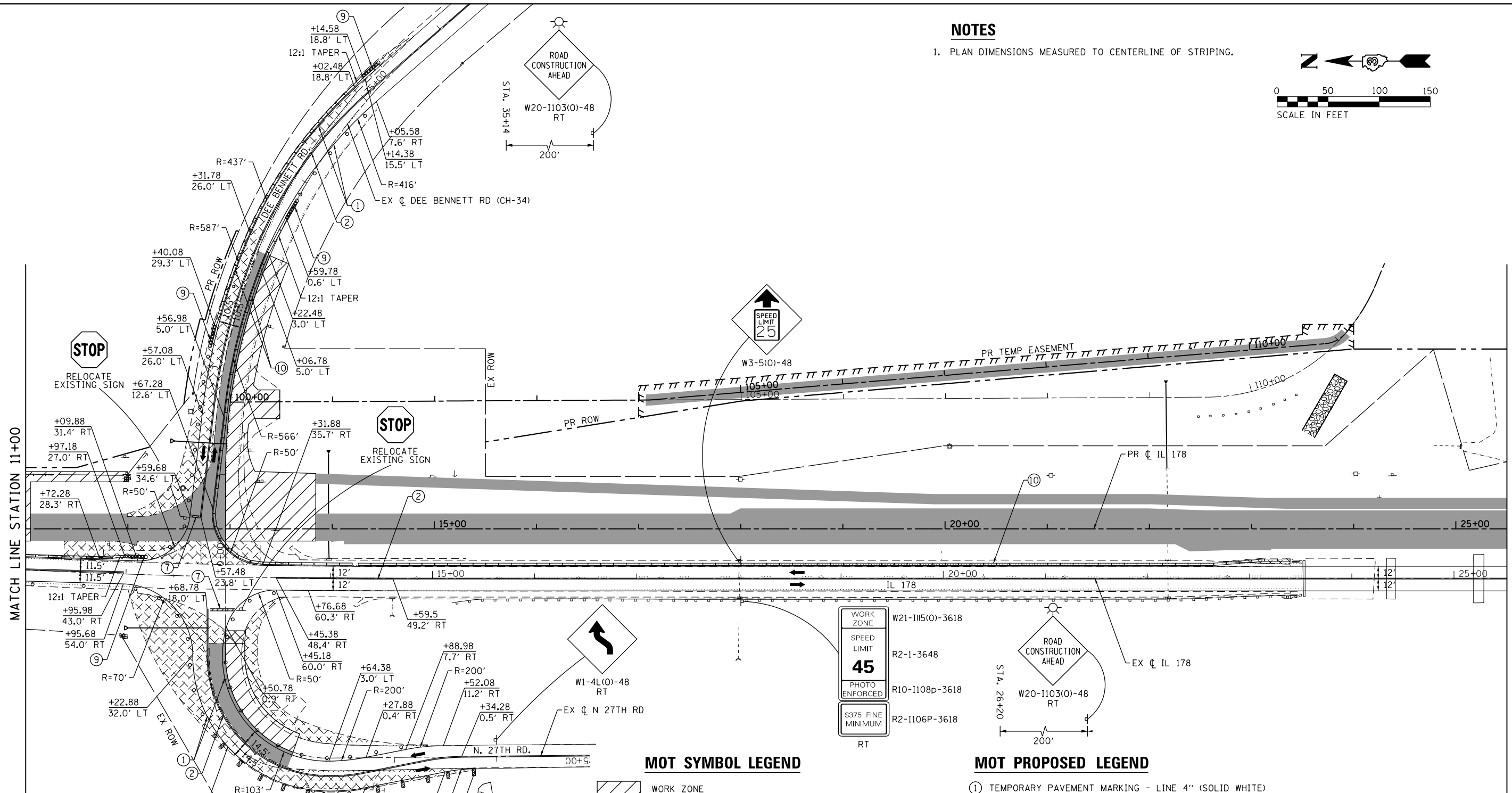
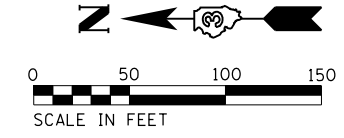
**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
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- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- [A] IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- [B] TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

MATCH LINE STATION 11+00

**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
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- TEMPORARY CONCRETE BARRIER
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- A IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- B TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

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Consulting Engineers  
Westmont, Illinois

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

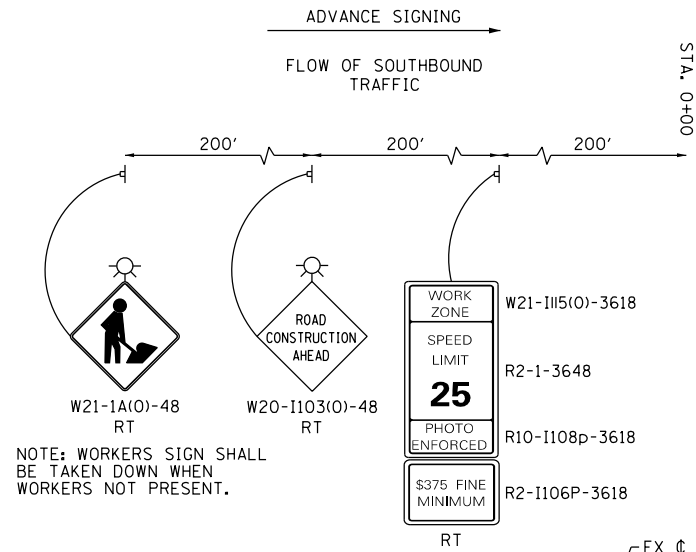
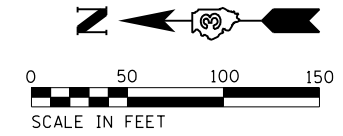
**ILLINOIS ROUTE 178  
STAGING PLAN - STAGE 1A**

SCALE: 1"=50'      SHEET NO. 16 OF 112 SHEETS      STA. 11+00.00 TO STA. 25+50.00

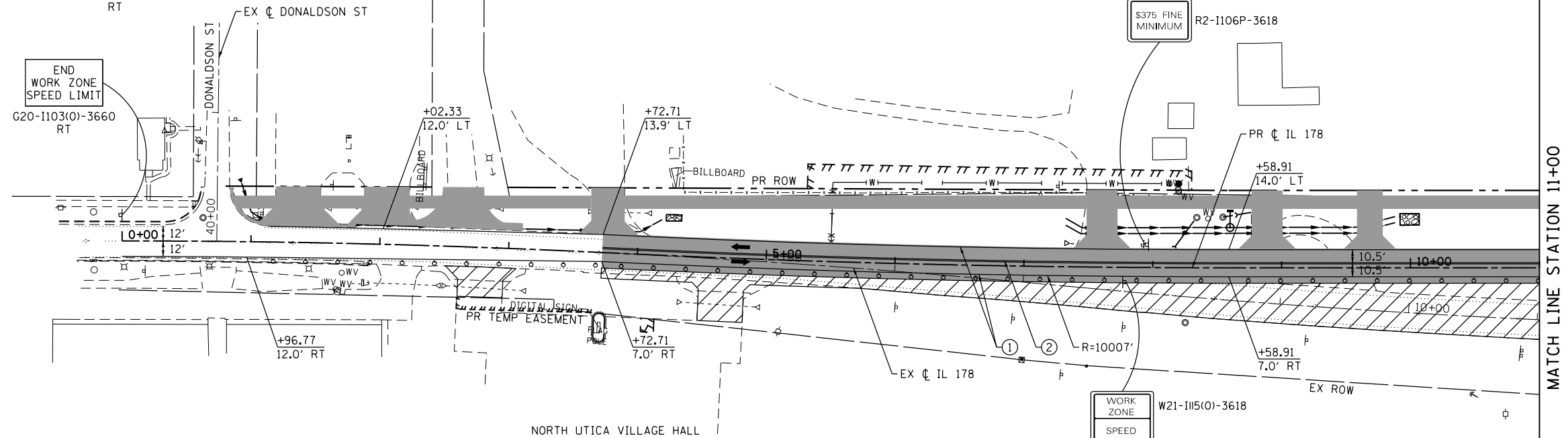
F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 74
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.
2. MINIMUM ONE ACCESS POINT TO NORTH UTICA VILAGE HALL SHALL BE MAINTAINED AT ALL TIMES.



NOTE: WORKERS SIGN SHALL BE TAKEN DOWN WHEN WORKERS NOT PRESENT.



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- DRUM OR T2 BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE 2" DASH, 6" SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 24" (STOP BAR)
- ⑧ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- [A] IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- [B] TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

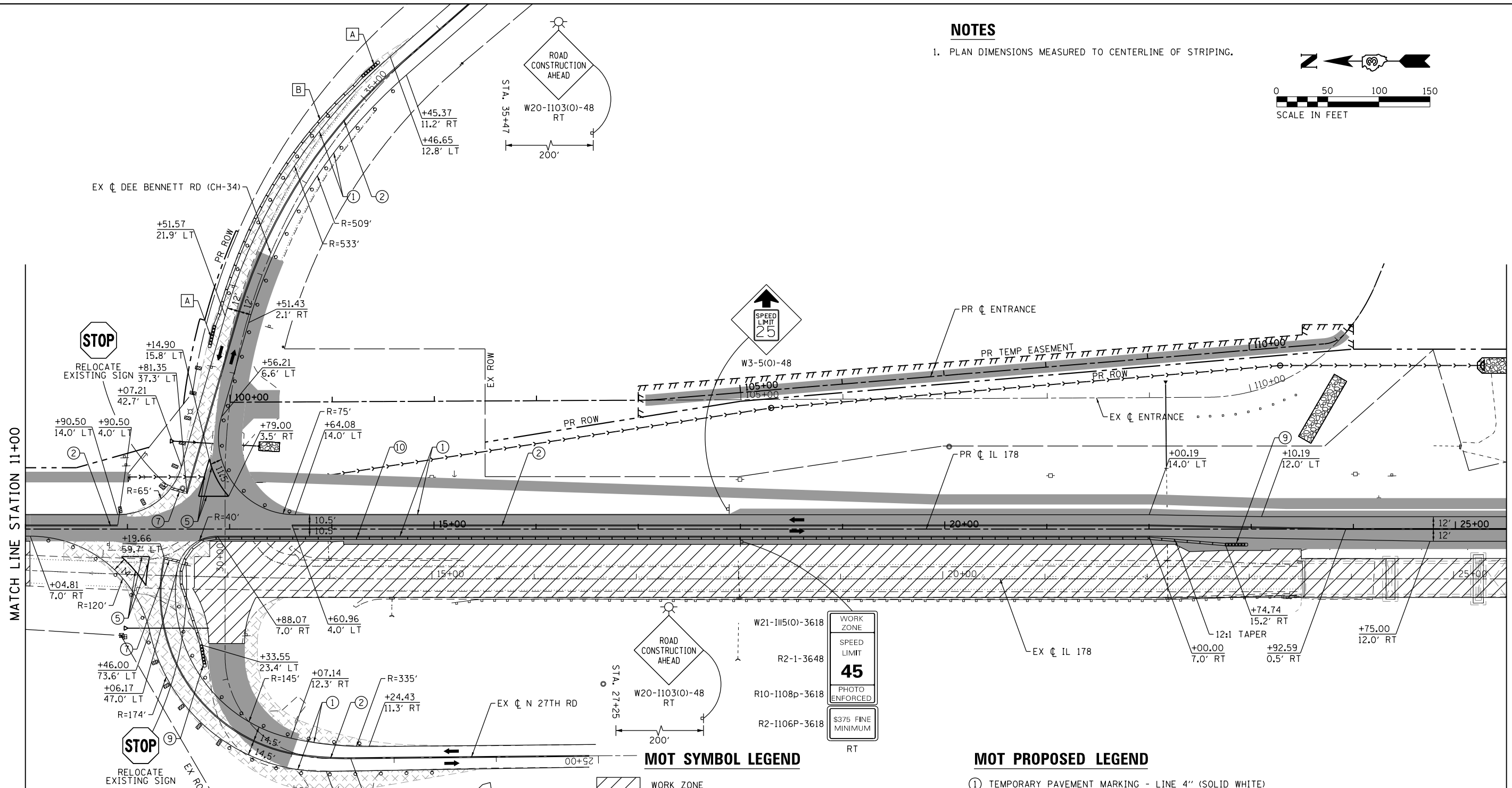
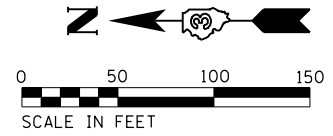
DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

<b>ILLINOIS ROUTE 178 STAGING PLAN - STAGE 2</b>			
SCALE: 1"=50'	SHEET NO. 17 OF 112 SHEETS	STA. 0+00.00 TO STA. 11+00.00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	75
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- SIGN
- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- DRUM OR T2 BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP-DASH, WHITE 2" DASH, 6" SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 24" (STOP BAR)
- ⑧ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- A IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- B TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

**LE** LIN ENGINEERING, LTD.  
Consulting Engineers  
Westmont, Illinois

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
STAGING PLAN - STAGE 2**

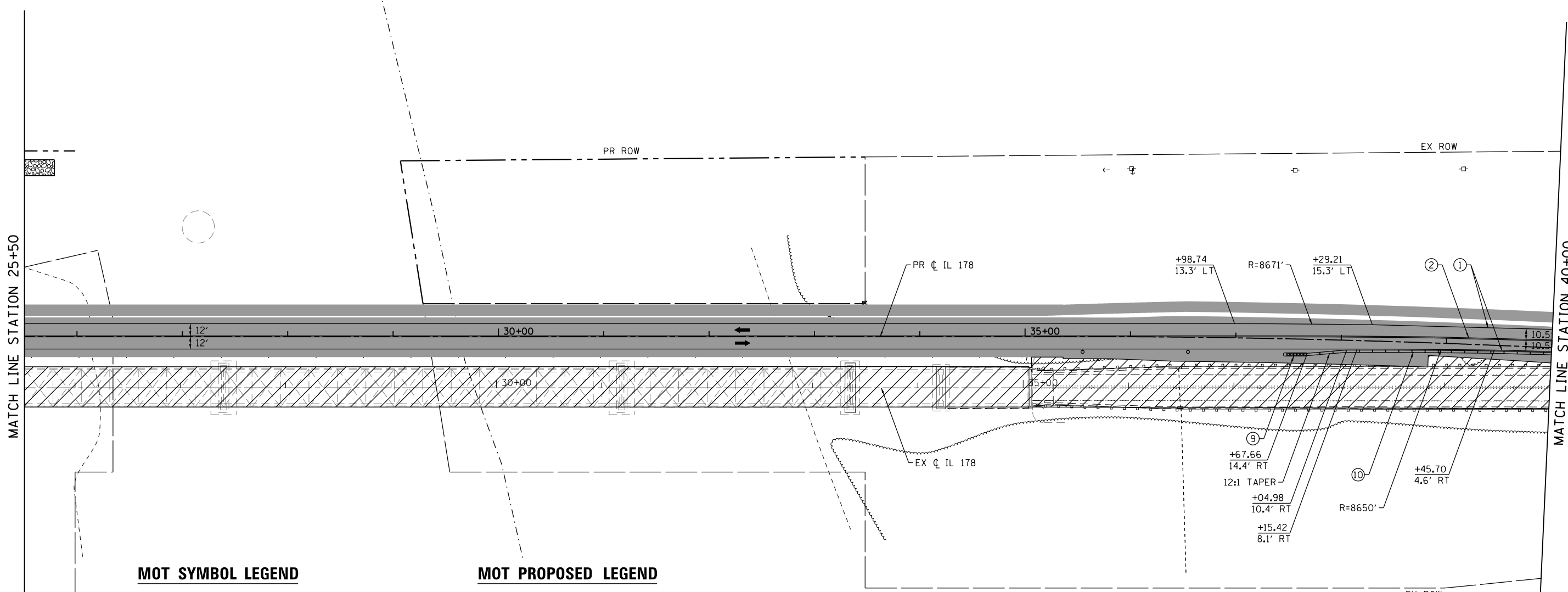
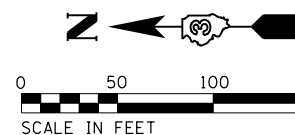
SCALE: 1"=50'    SHEET NO. 18 OF 112 SHEETS    STA. 11+00.00 TO STA. 25+50.00

F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 76
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.



**MOT SYMBOL LEGEND**

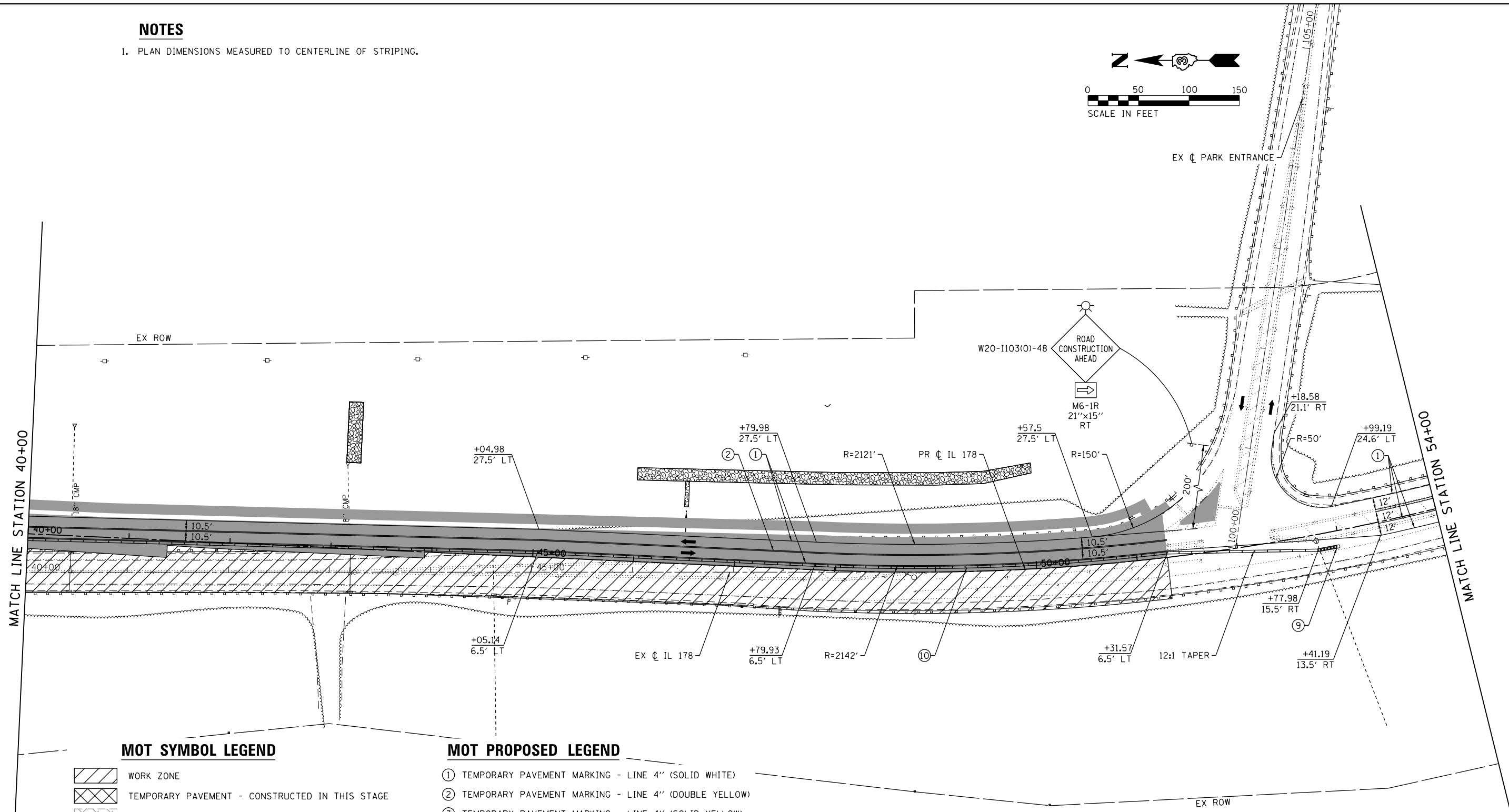
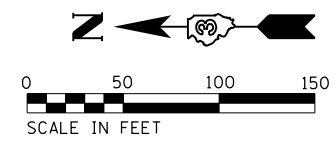
- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
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- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
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- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
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- ⑧ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- A IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- B TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.



**MOT SYMBOL LEGEND**

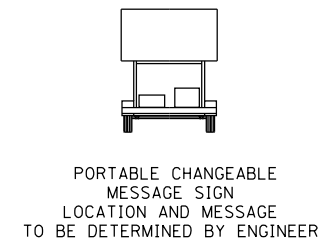
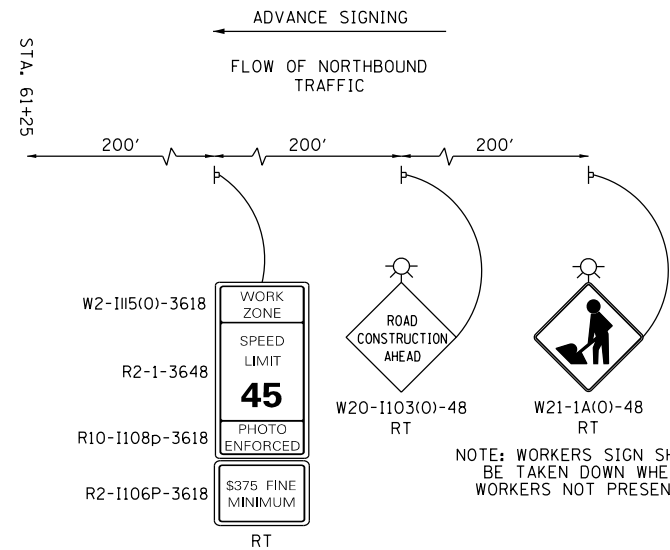
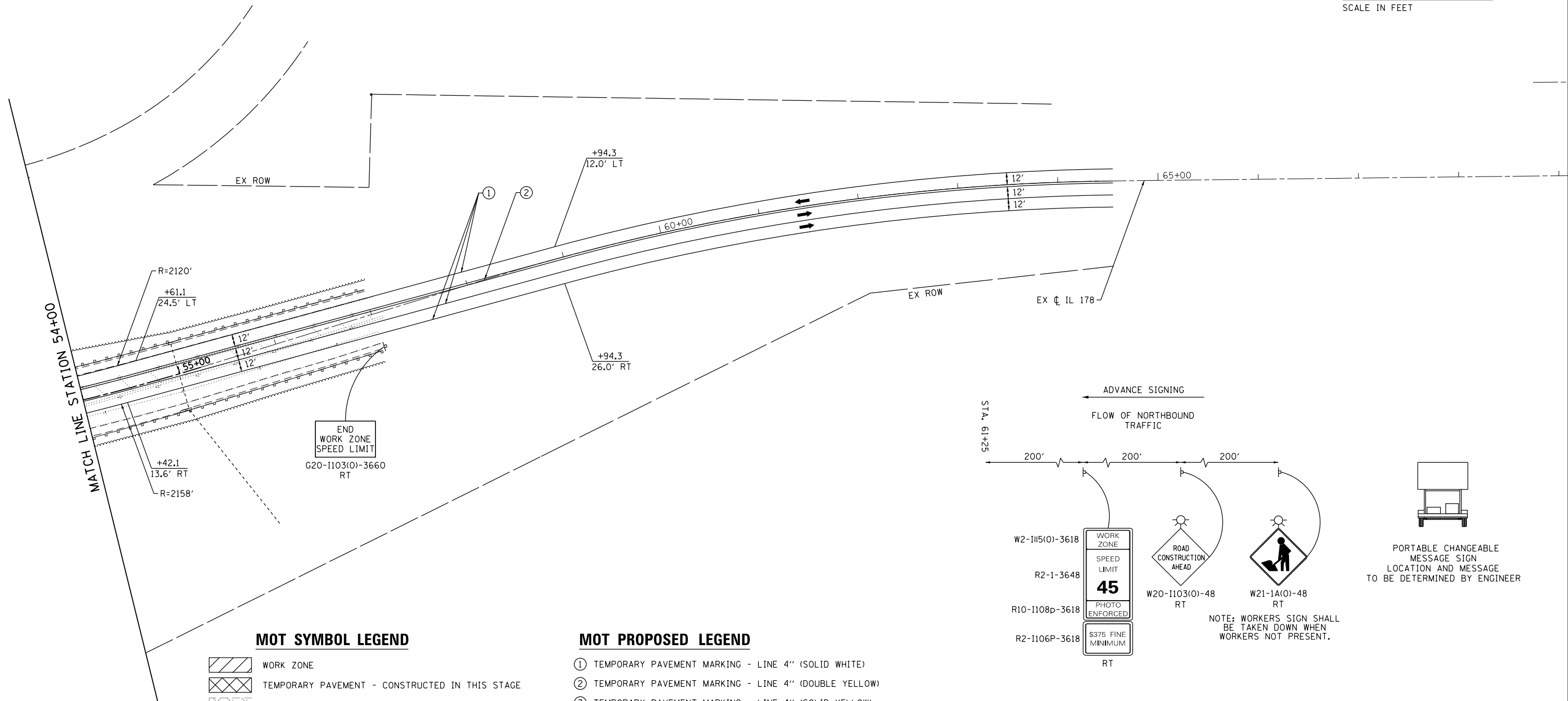
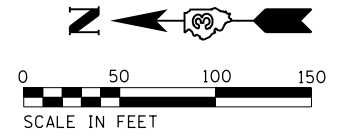
- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
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- COMPLETED PAVEMENT
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- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
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- ⑧ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- A IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- B TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
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- DIRECTION OF TRAFFIC
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- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
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- TEMPORARY CONCRETE BARRIER
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**LE** LIN ENGINEERING, LTD.  
Consulting Engineers  
Westmont, Illinois

DESIGNED - NSA  
DRAWN - NSA  
CHECKED - ST  
DATE - 08/2016

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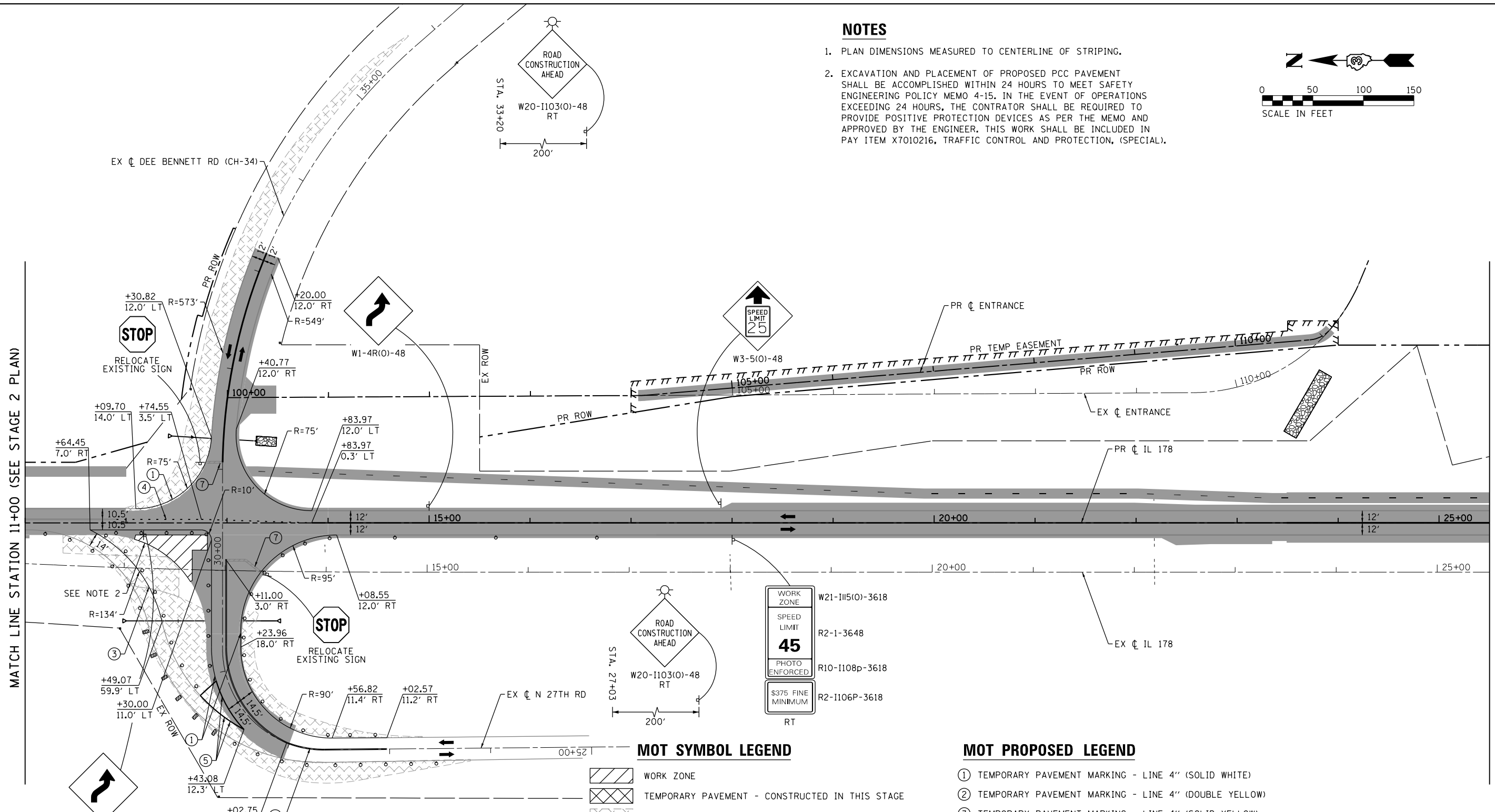
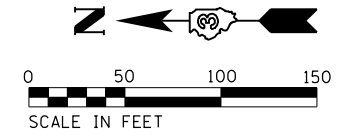
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
STAGING PLAN - STAGE 2**  
SCALE: 1"=50' SHEET NO. 21 OF 112 SHEETS STA. 54+00.00 TO STA. 64+54.90

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	79
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

**NOTES**

1. PLAN DIMENSIONS MEASURED TO CENTERLINE OF STRIPING.
2. EXCAVATION AND PLACEMENT OF PROPOSED PCC PAVEMENT SHALL BE ACCOMPLISHED WITHIN 24 HOURS TO MEET SAFETY ENGINEERING POLICY MEMO 4-15. IN THE EVENT OF OPERATIONS EXCEEDING 24 HOURS, THE CONTRATOR SHALL BE REQUIRED TO PROVIDE POSITIVE PROTECTION DEVICES AS PER THE MEMO AND APPROVED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN PAY ITEM X7010216, TRAFFIC CONTROL AND PROTECTION, (SPECIAL).



**MOT SYMBOL LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT - CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT - CONSTRUCTED IN PRIOR STAGE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
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- VERTICAL PANEL - POST MOUNTED WITH STEADY BURN MONODIRECTIONAL LIGHT, 25' C-C RADII, 50' C-C TAPERS, 100' C-C TANGENTS
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- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW)

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
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- ⑨ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑩ TEMPORARY CONCRETE BARRIER
- A IMPACT ATTENUATORS - INSTALLED IN PRIOR STAGE
- B TEMPORARY CONCRETE BARRIER - INSTALLED IN PRIOR STAGE

**LE** LIN ENGINEERING, LTD.  
Consulting Engineers  
Westmont, Illinois

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

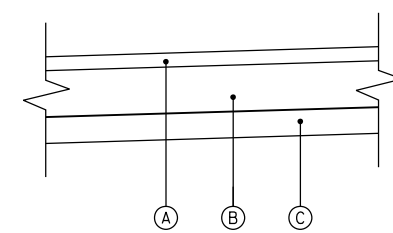
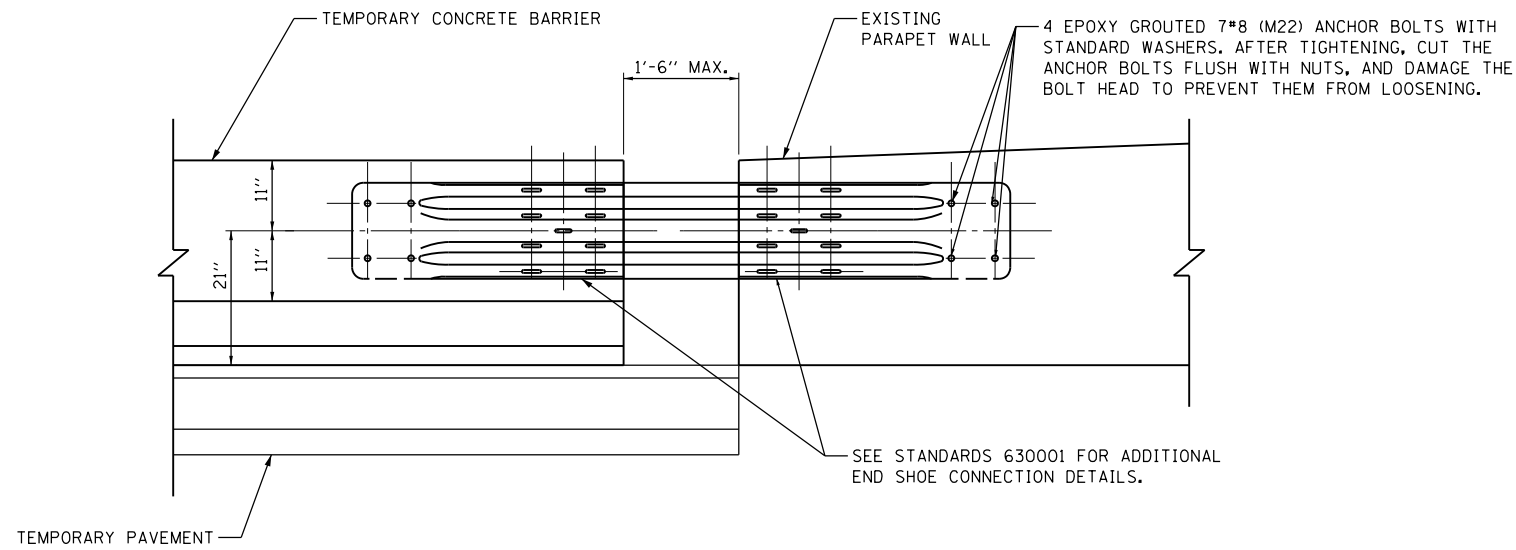
DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 178  
STAGING PLAN - STAGE 2A

SCALE: 1"=50'    SHEET NO. 22 OF 112 SHEETS    STA. 11+00.00 TO STA. 25+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	80
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



- TEMPORARY PAVEMENT
- (A) HOT-MIX ASPHALT SURFACE COURSE, 2"
  - (B) HOT-MIX ASPHALT BINDER COURSE, 8"
  - (C) AGGREGATE BASE COURSE TYPE A, 4"

**NOTES**

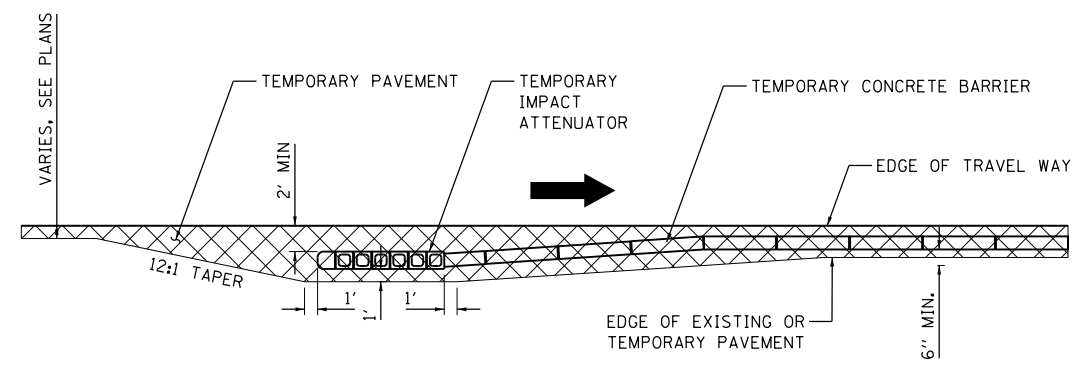
1. THE TEMPORARY CONCRETE BARRIER SHALL BE INSTALLED SUCH THAT IT IS FLUSH WITH THE EXISTING PARAPET WALL TO AVOID BLUNT END CONDITIONS.
2. THIS DETAIL APPLIES DURING STAGE CONSTRUCTION TO CONNECT TEMPORARY CONCRETE BARRIER TO EXISTING PARAPET WALL AS SHOWN ON THE MOT PLANS.
3. CONNECTION BETWEEN TEMPORARY CONCRETE BARRIER AND EXISTING BARRIER WALL SHALL BE INCLUDED IN THE COST FOR TEMPORARY CONCRETE BARRIER OR RELOCATE TEMPORARY CONCRETE BARRIER PAY ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**NOTES**

1. THE CONTRACTOR SHALL HAVE THE OPTION TO USE UNDOWNLED PORTLAND CEMENT CONCRETE IN PLACE OF HOT-MIX ASPHALT. SEE SPECIAL PROVISION FOR DETAILS.
2. ADDITIONAL THICKNESS OF AGGREGATE BASE COURSE TYPE A, 4" NEEDED TO MEET REQUIRED GRADES SHALL BE CONSIDERED INCIDENTAL TO TEMPORARY PAVEMENT. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.

IL 178, N 27TH RD & DEE BENNETT RD  
TEMPORARY PAVING SECTION  
 N.T.S.

TEMPORARY CONCRETE BARRIER CONNECTION DETAIL  
 N.T.S.



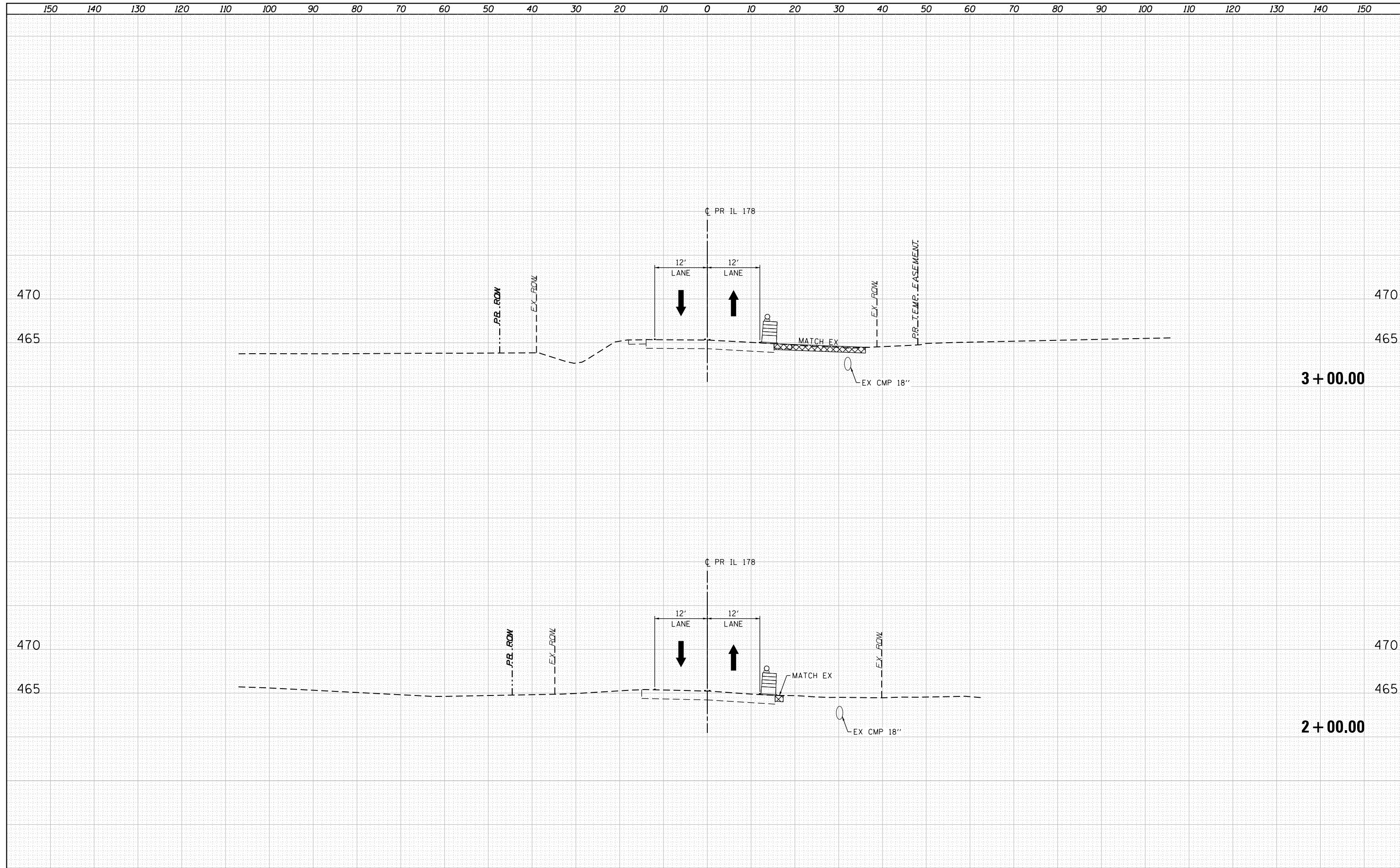
TEMPORARY IMPACT ATTENUATOR LAYOUT AND TEMPORARY PAVEMENT PAD DETAIL  
 N.T.S.

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - ST	REVISED -
DATE - 08/2016	REVISED -

F.A.S. RTE. 1279	SECTION (1) BR & I	COUNTY LASALLE	TOTAL SHEETS 430	SHEET NO. 81
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



**Lin Engineering, Ltd.**  
Consulting Engineers  
Westmont, Illinois

USER NAME : *USERNAME*	DESIGNED - NSA	REVISED - --	-----
	DRAWN - NSA	REVISED - --	-----
PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISED - --	-----
PLOT DATE = 9/8/2016	DATE - 08/2016	REVISED - --	-----

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
MOT CROSS SECTIONS - STAGE 1**

SCALE: 1"=10'H,5'V    SHEET NO. 25 OF 112 SHEETS    STA. 4+00.00 TO STA. 5+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	83
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



**Lin Engineering, Ltd.**  
Consulting Engineers  
Westmont, Illinois

USER NAME : *USERNAME*	DESIGNED - NSA	REVISED - --	-----
	DRAWN - NSA	REVISED - --	-----
PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISED - --	-----
PLOT DATE = 9/8/2016	DATE - 08/2016	REVISED - --	-----

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
MOT CROSS SECTIONS - STAGE 1**

SCALE: 1"=10'H,5'V    SHEET NO. 26 OF 112 SHEETS    STA. 6+00.00 TO STA. 7+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	84
			CONTRACT NO. 66992	
ILLINOIS FED. AID PROJECT				

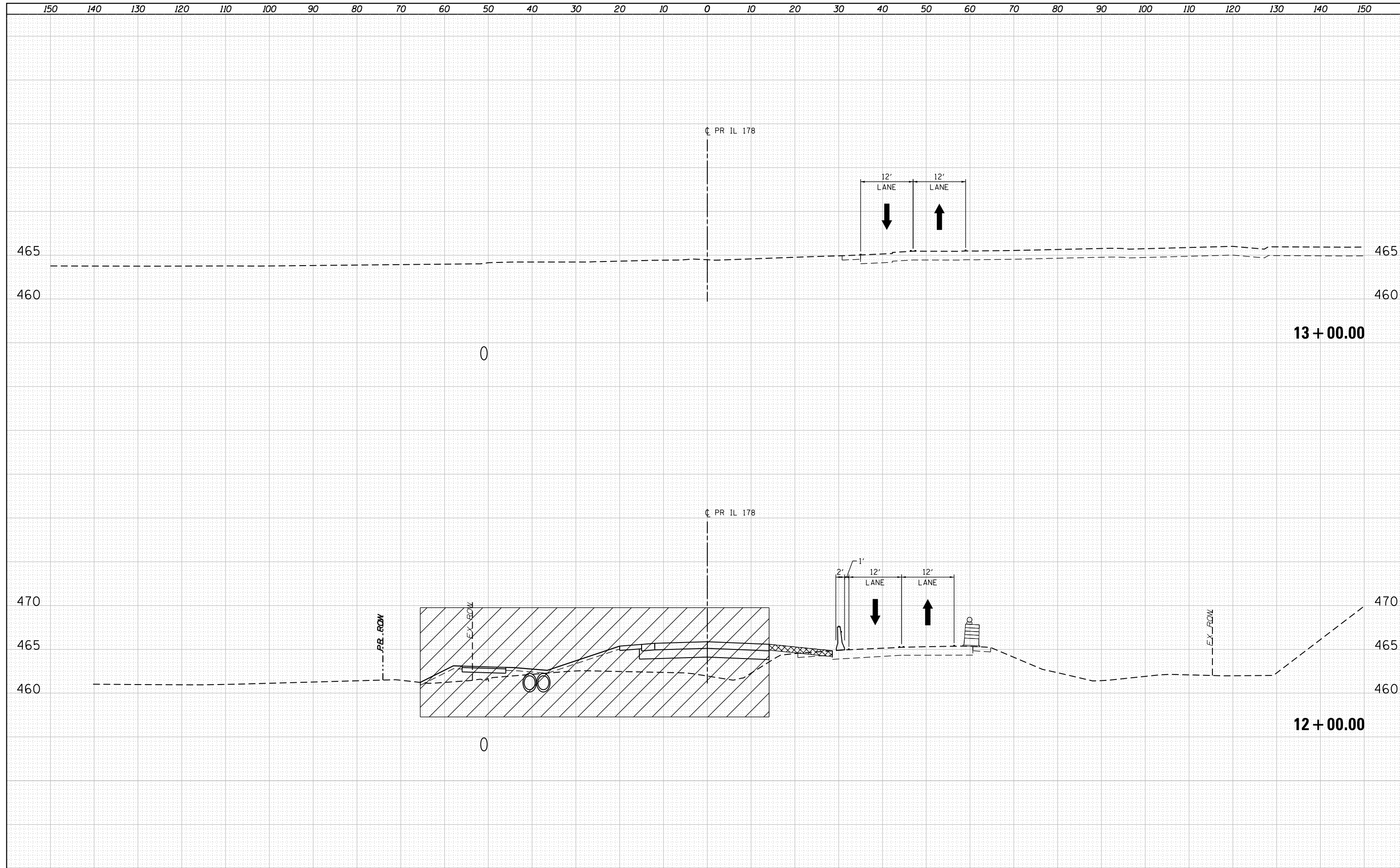






DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



**Lin Engineering, Ltd.**  
Consulting Engineers  
Westmont, Illinois

USER NAME : *USERNAME*	DESIGNED - NSA	REVISED - --
	DRAWN - NSA	REVISED - --
PLOT SCALE : 20.0000' / in.	CHECKED - ST	REVISED - --
PLOT DATE : 9/8/2016	DATE - 08/2016	REVISED - --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

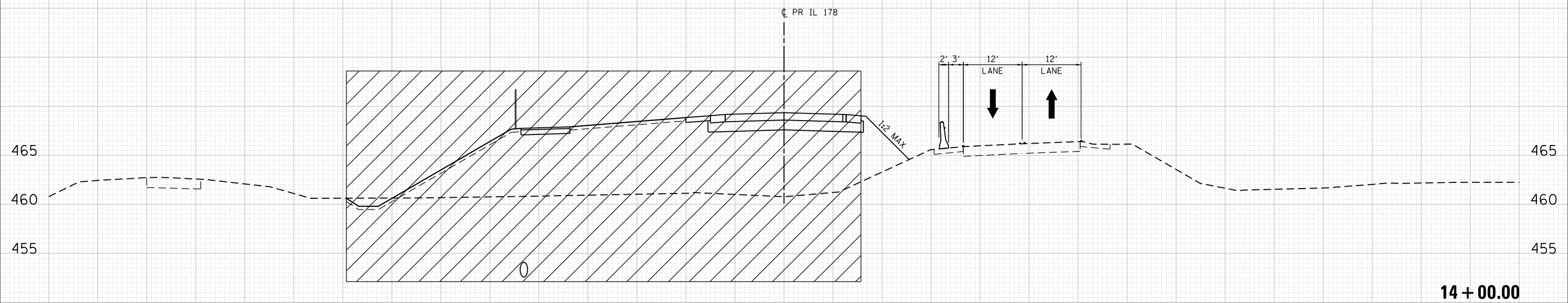
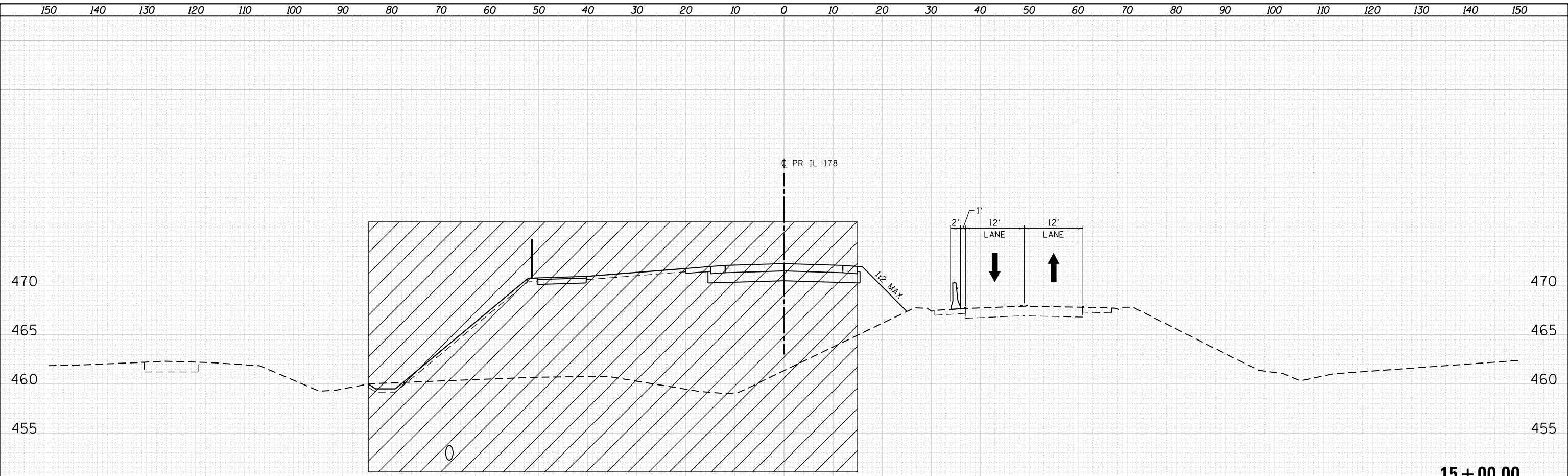
**ILLINOIS ROUTE 178  
MOT CROSS SECTIONS - STAGE 1**

SCALE: 1"=10'H,5'V    SHEET NO. 29 OF 112 SHEETS    STA. 12+00.00 TO STA.13+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	87
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

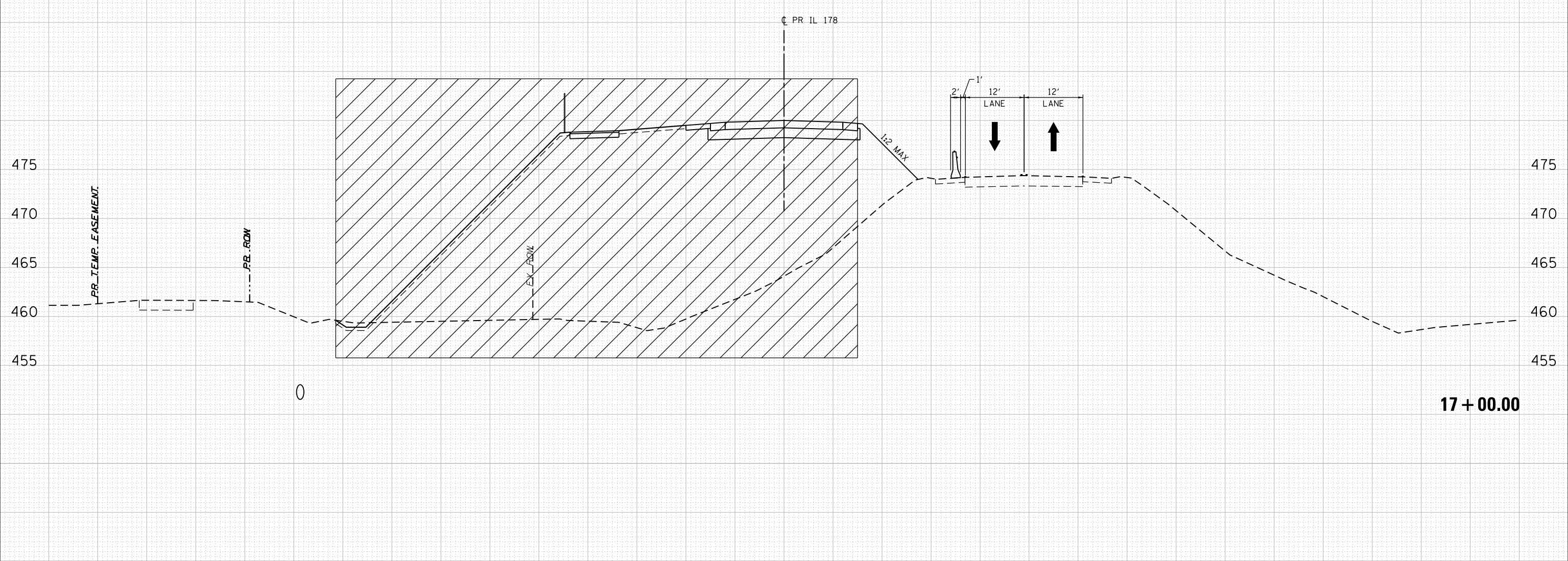
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
NOTE BOOK	
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



USER NAME : *USERNAME*	DESIGNED - NSA	REVISED - --
	DRAWN - NSA	REVISED - --
PLOT SCALE : 20.0000' / in.	CHECKED - ST	REVISED - --
PLOT DATE : 8/5/2016	DATE - 08/2016	REVISED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 178  
MOT CROSS SECTIONS - STAGE 1

SCALE: 1"=10'H,5'V SHEET NO. 32 OF 112 SHEETS STA. 17+00.00 TO STA.17+00.00

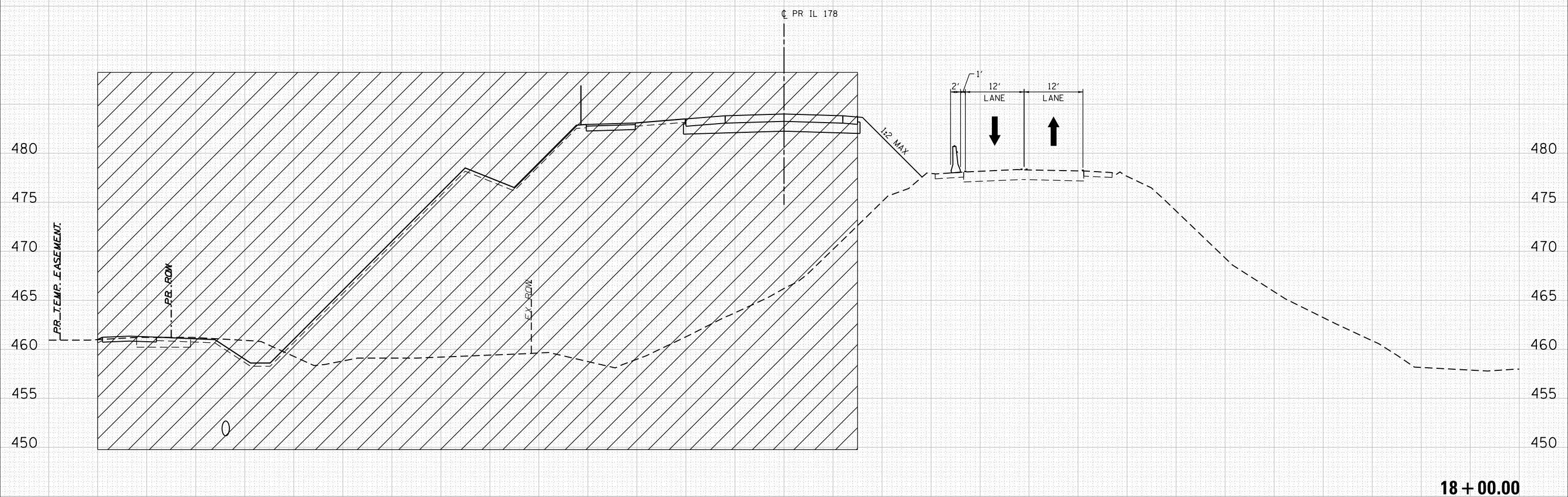
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	90
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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FINAL SURVEY NOTE BOOK NO.	

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ORIGINAL SURVEY NOTE BOOK NO.	



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



USER NAME : *USERNAME*	DESIGNED - NSA	REVISIED - --
	DRAWN - NSA	REVISIED - --
PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISIED - --
PLOT DATE = 8/5/2016	DATE - 08/2016	REVISIED - --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 178  
MOT CROSS SECTIONS - STAGE 1

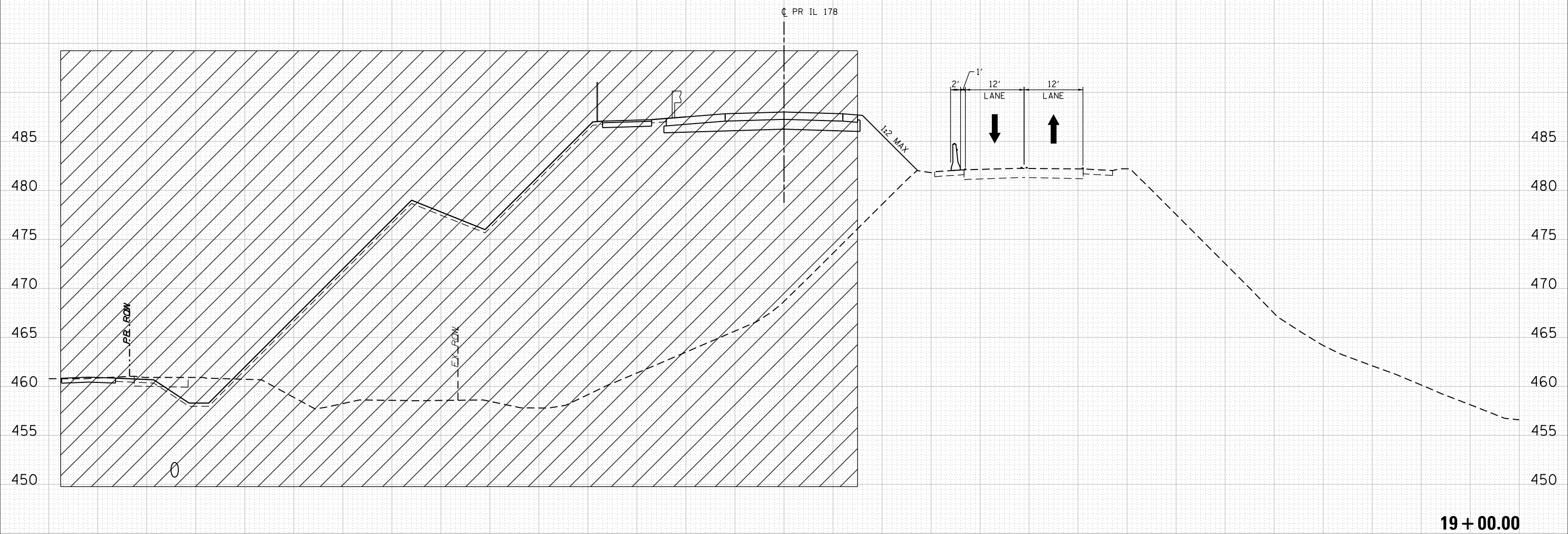
SCALE: 1"=10'H,5'V SHEET NO. 33 OF 112 SHEETS STA. 18+00.00 TO STA.18+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	91
				CONTRACT NO. 66992
ILLINOIS FED. AID PROJECT				

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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19 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



USER NAME : *USERNAME*	DESIGNED - NSA	REVISIED - --	-----
	DRAWN - NSA	REVISIED - --	-----
PLOT SCALE : 20.0000' / in.	CHECKED - ST	REVISIED - --	-----
PLOT DATE : 8/5/2016	DATE - 08/2016	REVISIED - --	-----

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 178  
MOT CROSS SECTIONS - STAGE 1

SCALE: 1"=10'H,5'V SHEET NO. 34 OF 112 SHEETS STA. 19+00.00 TO STA.19+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	92
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

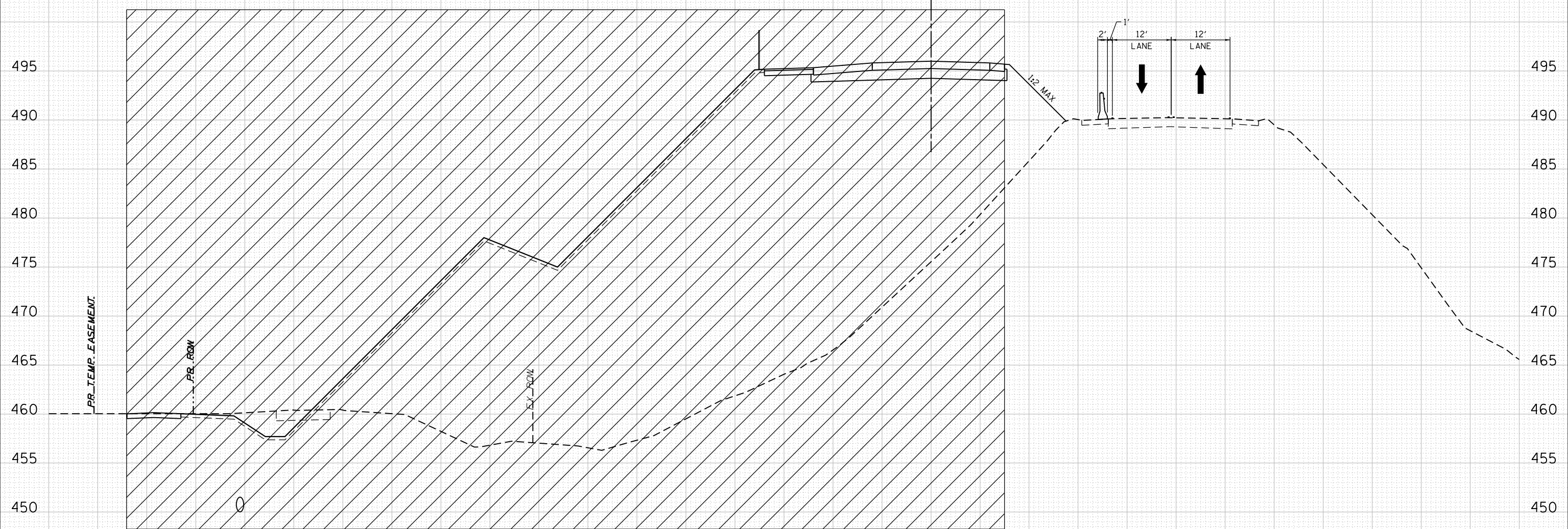




180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120

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ORIGINAL SURVEY	
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21 + 00.00

180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120



USER NAME : *\$USERNAME*	DESIGNED - NSA	REVISÉD - --	-----
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PLOT SCALE : 20.0000' / in.	CHECKED - ST	REVISÉD - --	-----
PLOT DATE : 8/5/2016	DATE - 08/2016	REVISÉD - --	-----

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 178  
MOT CROSS SECTIONS - STAGE 1

SCALE: 1"=10'H,5'V SHEET NO. 36 OF 112 SHEETS STA. 21+00.00 TO STA. 21+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	94
CONTRACT NO. 66992				

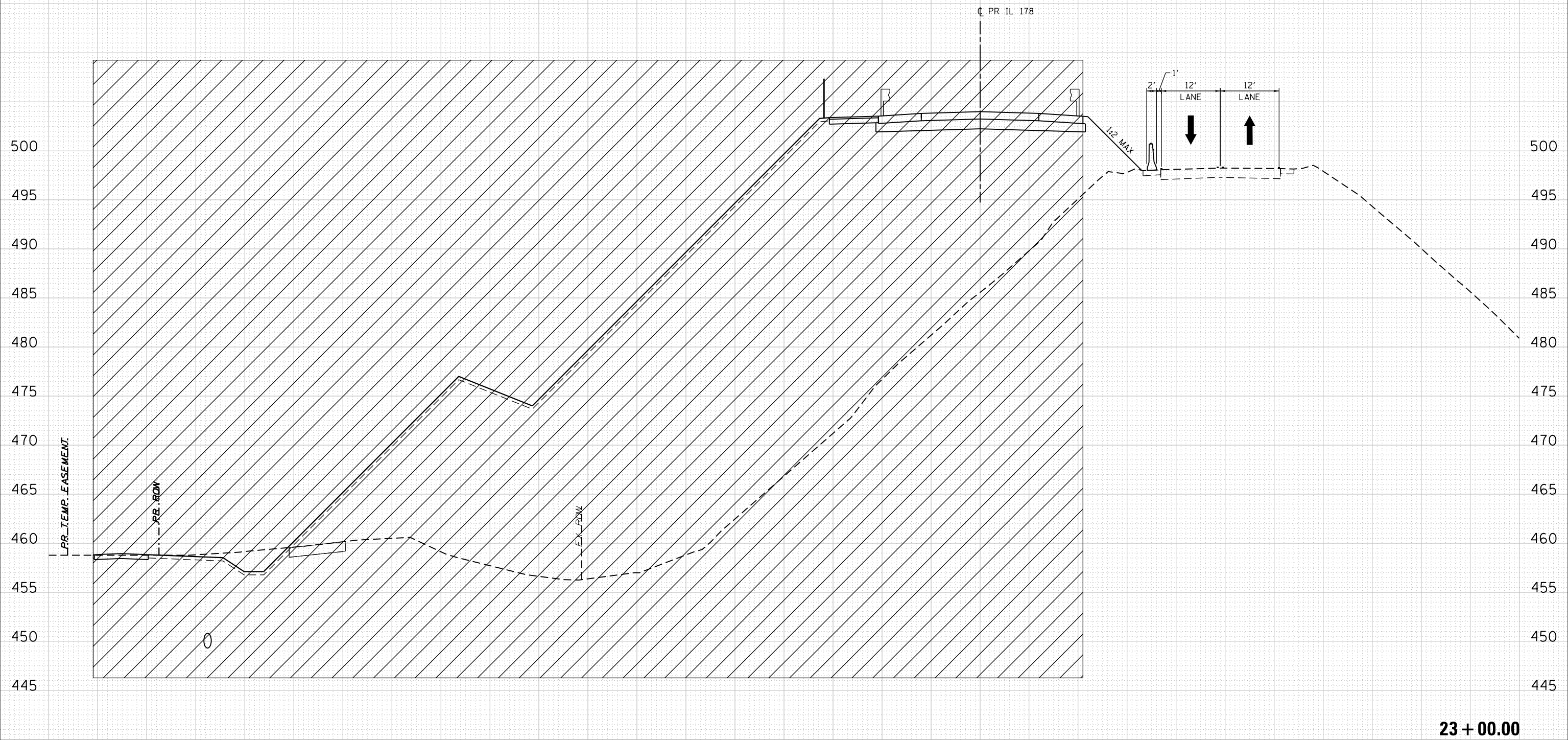
ILLINOIS FED. AID PROJECT



190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED
	AREAS CHECKED



190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110



USER NAME : *USERNAME*	DESIGNED - NSA	REVISIED - --	-----
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PLOT SCALE : 20.0000' / in.	CHECKED - ST	REVISIED - --	-----
PLOT DATE : 8/5/2016	DATE - 08/2016	REVISIED - --	-----

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

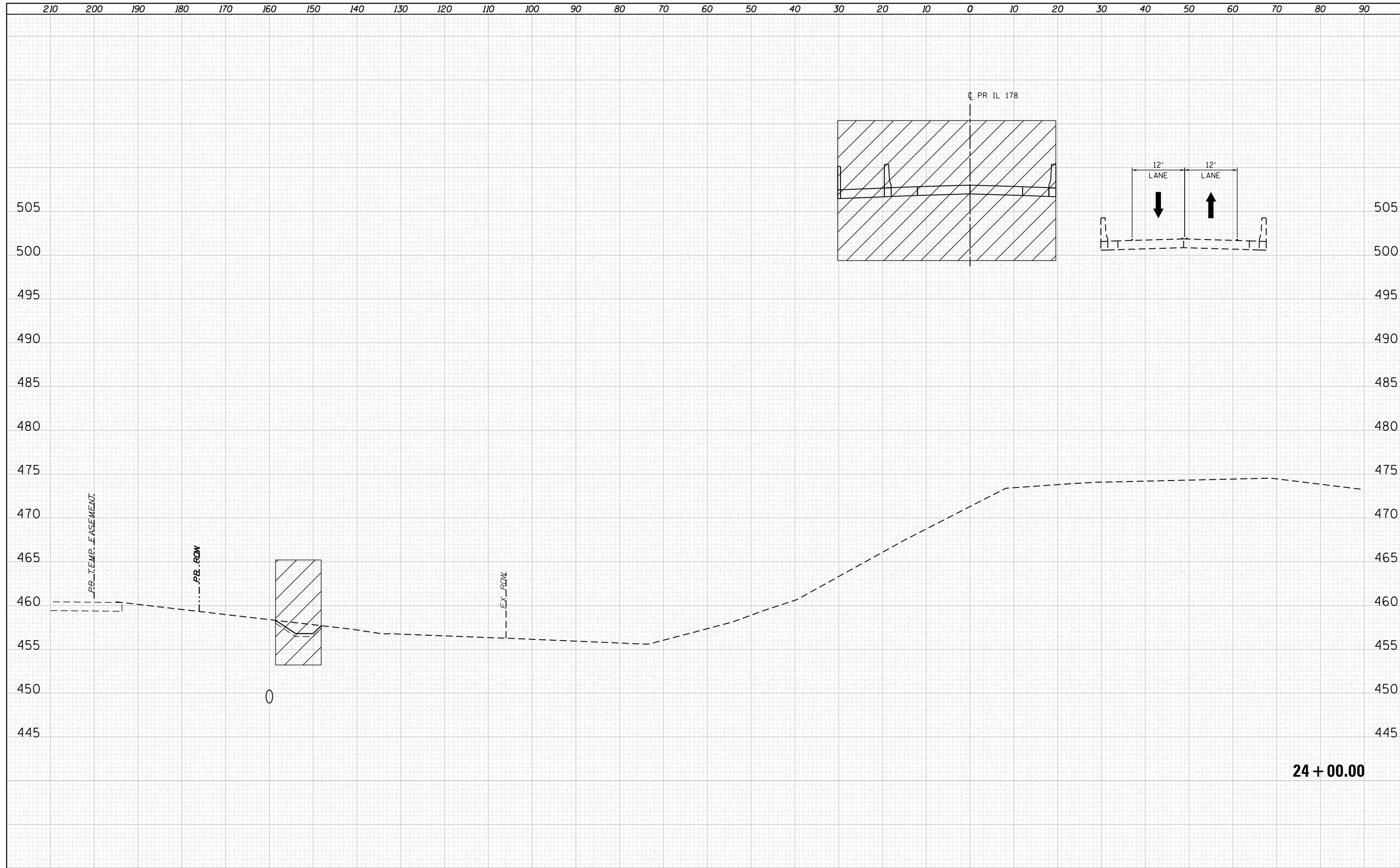
ILLINOIS ROUTE 178	
MOT CROSS SECTIONS - STAGE 1	
SCALE: 1"=10'H,5'V	SHEET NO. 38 OF 112 SHEETS
STA. 23+00.00 TO STA. 23+00.00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	96
CONTRACT NO. 66992				
ILLINOIS FED. AID PROJECT				

23 + 00.00

DATE	
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**Lin Engineering, Ltd.**  
Consulting Engineers  
Westmont, Illinois

USER NAME : *USERNAME*	DESIGNED - NSA	REVISÉD - --	-----
	DRAWN - NSA	REVISÉD - --	-----
PLOT SCALE : 20.0000' / in.	CHECKED - ST	REVISÉD - --	-----
PLOT DATE : 9/8/2016	DATE - 08/2016	REVISÉD - --	-----

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 178  
MOT CROSS SECTIONS - STAGE 1**

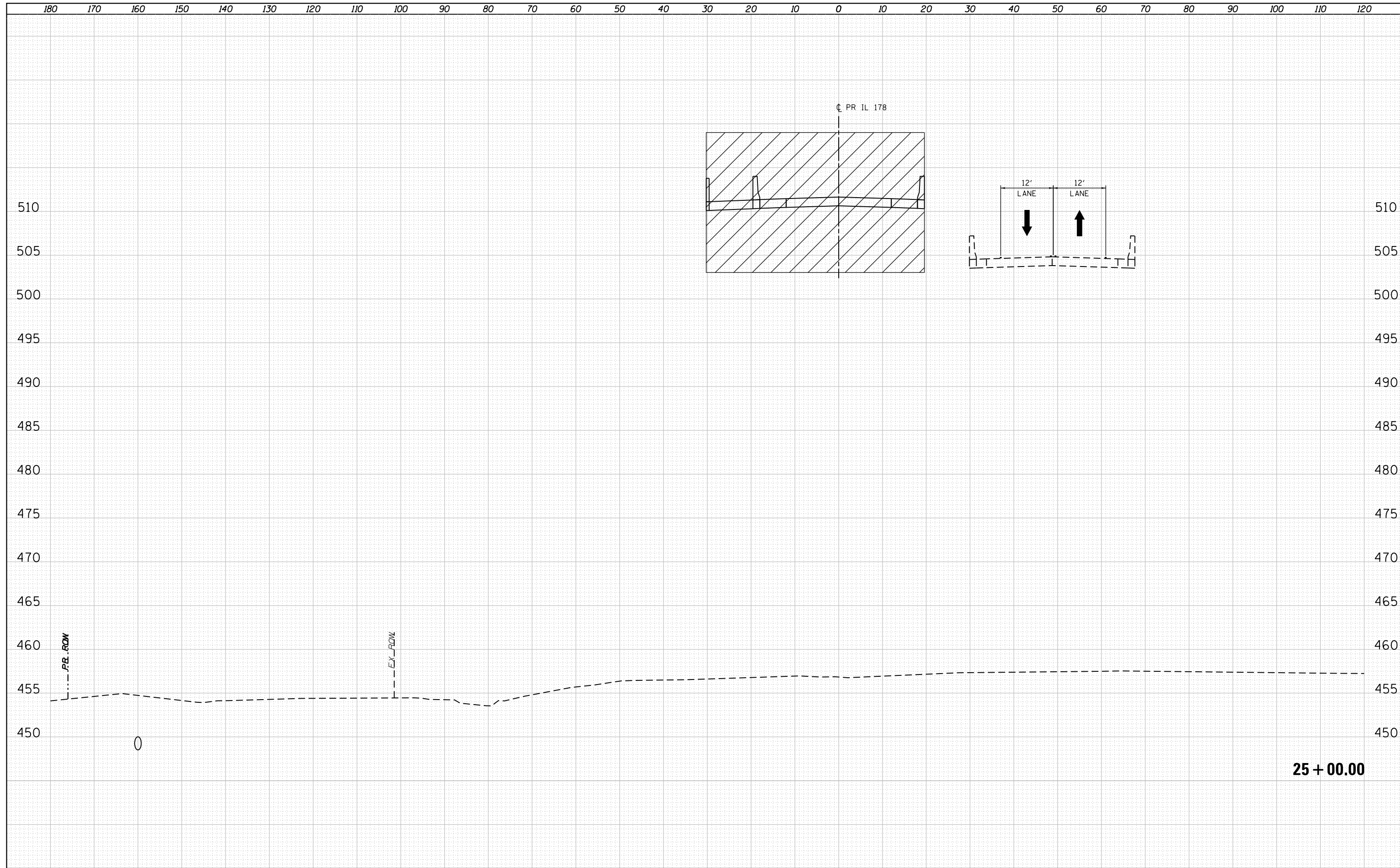
SCALE: 1"=10'H,5"V    SHEET NO. 39 OF 112 SHEETS    STA. 24+00.00 TO STA. 24+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	97
CONTRACT NO. 66992			ILLINOIS FED. AID PROJECT	



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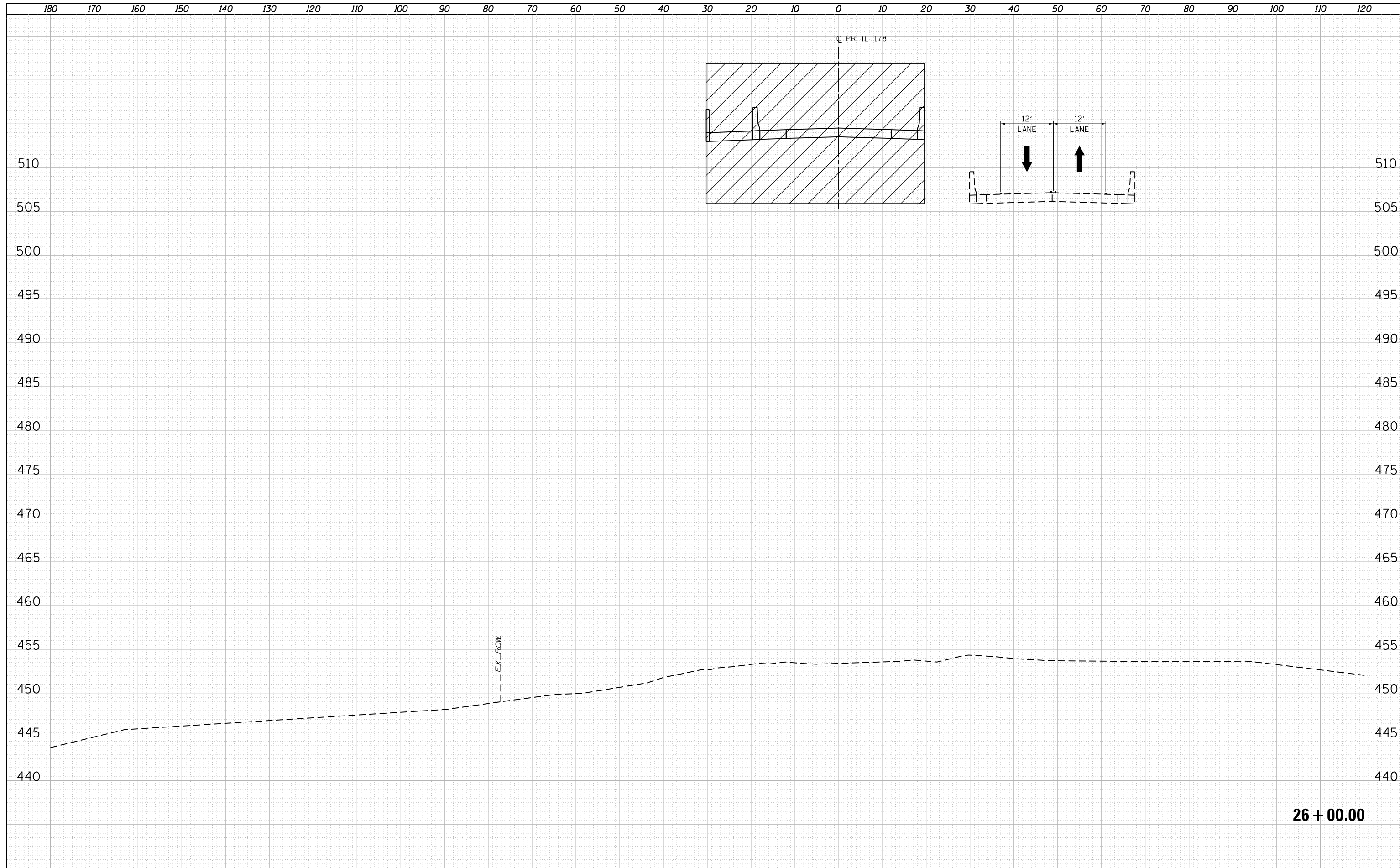


**25 + 00.00**

	USER NAME : *USERNAME* DESIGNED - NSA DRAWN - NSA CHECKED - ST DATE - 08/2016	REVISED - -- REVISED - -- REVISED - -- REVISED - --	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 178 MOT CROSS SECTIONS - STAGE 1</b>		F.A.S. RTE. 1279 SECTION (1) BR & I COUNTY LASALLE TOTAL SHEETS 430 SHEET NO. 98 CONTRACT NO. 66992	SCALE: 1"=10'H,5'V SHEET NO. 40 OF 112 SHEETS STA. 25+00.00 TO STA. 25+00.00	ILLINOIS FED. AID PROJECT
	WESTMONT, ILLINOIS							

DATE	
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FINAL SURVEY	
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NOTE BOOK	
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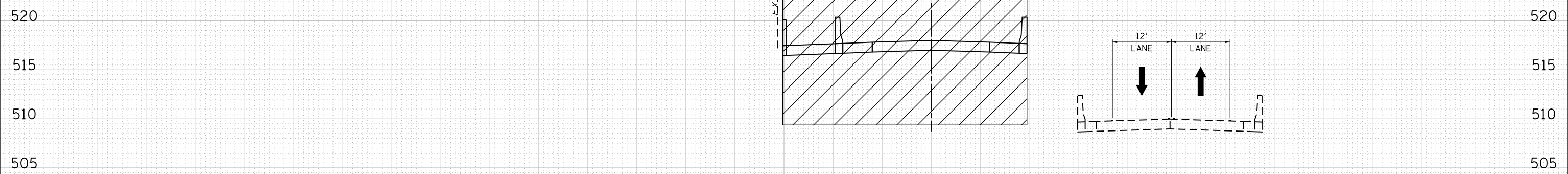


**26 + 00.00**

<b>LIN ENGINEERING, LTD.</b> Consulting Engineers Westmont, Illinois	USER NAME = *USERNAME* DESIGNED - NSA DRAWN - NSA PLOT SCALE = 20.0000' / in. PLOT DATE = 9/8/2016	REVISIONS: REVISION NO.   DATE   DESCRIPTION 1   08/2016   2     3     4     5	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 178</b> <b>MOT CROSS SECTIONS - STAGE 1</b>	SCALE: 1"=10'H,5'V SHEET NO. 41 OF 112 SHEETS STA. 26+00.00 TO STA. 26+00.00	F.A.S. RTE. 1279 SECTION (1) BR & I COUNTY LASALLE TOTAL SHEETS 430 SHEET NO. 99 CONTRACT NO. 66992 ILLINOIS FED. AID PROJECT
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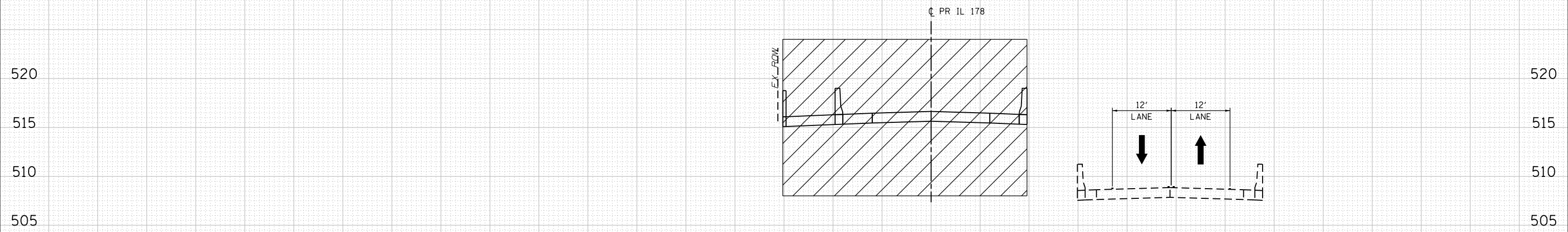
180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL SURVEY NO.	NOTE BOOK NO.	AREAS CHECKED				



28 + 00.00

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGINAL SURVEY NO.	NOTE BOOK NO.	AREAS CHECKED				



27 + 00.00

180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120



USER NAME : *USERNAME*	DESIGNED - NSA	REVISÉD - --	-----
	DRAWN - NSA	REVISÉD - --	-----
PLOT SCALE : 20.0000' / in.	CHECKED - ST	REVISÉD - --	-----
PLOT DATE : 8/5/2016	DATE - 08/2016	REVISÉD - --	-----

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 178  
MOT CROSS SECTIONS - STAGE 1

SCALE: 1"=10'H,5'V SHEET NO. 42 OF 112 SHEETS STA. 27+00.00 TO STA.28+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	(1) BR & I	LASALLE	430	100
CONTRACT NO. 66992				

ILLINOIS FED. AID PROJECT