

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP 021: US ROUTE 20 (LAKE STREET)
AT WEST BRANCH OF DUPAGE RIVER
CULVERT REPLACEMENT
SECTION 2015-006B-R

PROJECT: ACNHPP-0021(070)
DUPAGE COUNTY
C-91-270-15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	2015-006B-R	DUPAGE	170	1
		ILLINOIS	CONTRACT NO. 62A60	

D-91-270-15



FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF HANOVER PARK

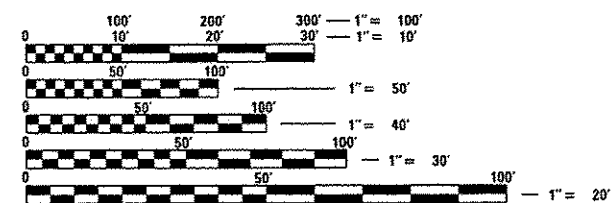
TRAFFIC DATA

US 20 (LAKE ST):
POSTED SPEED: 40 MPH DESIGN SPEED: 45 MPH
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL
2012 ADT = 32,400; 41,000 (2040)
P.V. = 95% TRUCKS = 5%

PERMITTING

ALL WORK SHALL BE
IN ACCORDANCE WITH
THE FOLLOWING PERMITS:

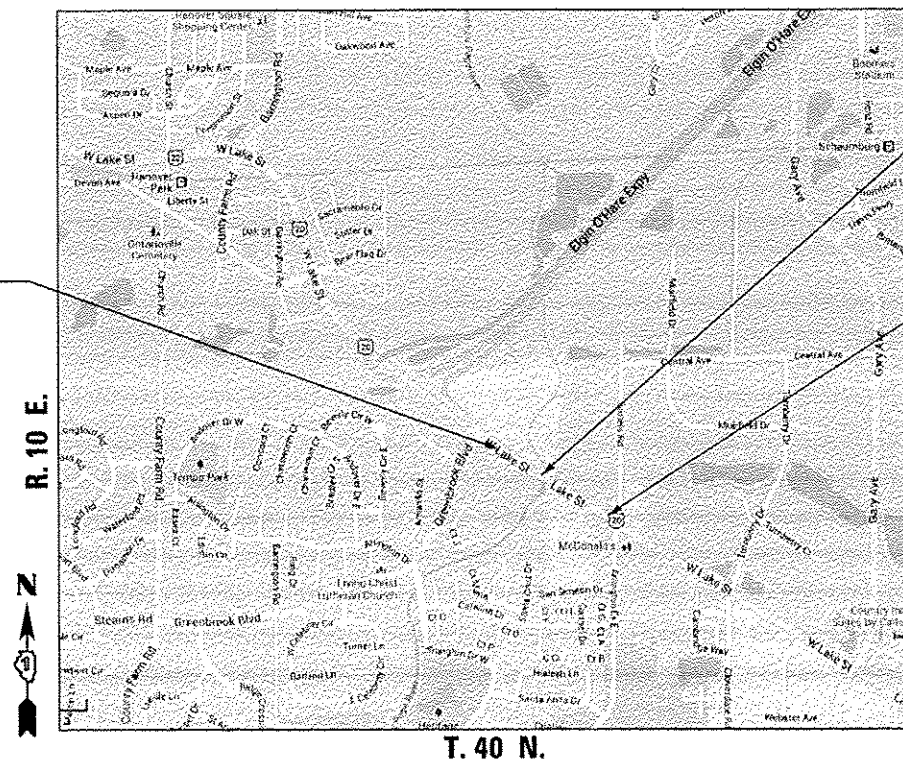
IEPA - NPDES



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.

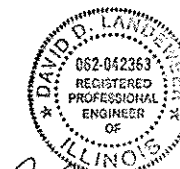
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

BEGIN PROJECT
STA. 237+49



US ROUTE 20
OVER WEST BRANCH
DUPAGE RIVER
EXIST. SN 022-0223
PROP. SN 022-0548

END PROJECT
STA. 253+37



David D. Landeweer 10/19/16
DAVE D. LANDEWEER
LICENSED PROFESSIONAL ENGINEER
ILLINOIS NO. 062-042363 EXPIRES 11-30-17

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *October 20, 2016*

John Featherstone
REGION ONE ENGINEER

Maureen M. Addis
ENGINEER OF DESIGN AND ENVIRONMENT

David D. Landeweer
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PROJECT MANAGER: ISSAM RAYYAN, P.E. (847) 705-4178
PROJECT ENGINEER: MICHELLE AQUINO (847) 705-4241

CONTRACT NO. 62A60

LOCATION MAP
NOT TO SCALE

GROSS & NET PROJECT LENGTH = 1588 LF. = 0.301 MILE



PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1 COVER SHEET
 2 INDEX OF SHEETS, STANDARDS & GENERAL NOTES
 3-17 SUMMARY OF QUANTITIES
 18-20 EARTHWORK SCHEDULE
 21-24 TYPICAL SECTIONS
 25-28 ALIGNMENT, TIES & BENCHMARKS
 29-31 REMOVAL PLANS
 32-34 PROPOSED PLANS
 35-36 PROPOSED PROFILE
 37-38 MAINTENANCE OF TRAFFIC GENERAL NOTES
 39-42 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
 43-63 MAINTENANCE OF TRAFFIC PLANS
 64-66 EROSION & SEDIMENT CONTROL PLANS
 67-69 DRAINAGE PLAN
 70-71 DRAINAGE PROFILES
 72-73 DRAINAGE SCHEDULES
 74-75 RIGHT-OF-WAY SHEETS
 76-81 PAVEMENT MARKING & SIGNING PLANS
 82-84 LANDSCAPING PLAN
 85 DETECTOR LOOP REPLACEMENT PLAN
 86-91 TRAFFIC SIGNAL INTERCONNECT PLANS
 92-93 LIGHTING PLAN DETAILS
 94 MISCELLANEOUS DETAILS
 95-129 STRUCTURAL PLANS
 130 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5m)
 131 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
 132 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
 133 BUTT JOINTS AND HMA TAPER (BD-32)
 134 DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY.1 SPL. (BD-34)
 135 FIRE HYDRANT TO BE MOVED (BD-36)
 136 MANHOLE TYPE A 7 FOOT DIAMETER (BD-37)
 137 30' (9.144 m) TO 35' (10.668 m) M.H. 11 12" (292 mm) BOLT CIRCLE (BE-300)
 138 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
 139 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)
 140 DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
 141 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
 142 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)
 143 ARTERIAL ROAD INFORMATION SIGN (TC-22)
 144 DRIVEWAY ENTRANCE (TC-26)
 145 HANDHOLE TO INTERCEPT EXISTING CONDUIT (TS-03)
 146-152 DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05)
 153 DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)
 154-170 ROADWAY CROSS SECTIONS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 001001-02 AREAS OF REINFORCEMENT BARS
 001006 DECIMAL OF AN INCH AND OF A FOOT
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
 420401-12 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
 424026-01 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
 442201-03 CLASS C AND D PATCHES
 515001-03 NAME PLATE FOR BRIDGES
 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
 601001-05 PIPE UNDERDRAINS
 602001-02 CATCH BASIN, TYPE A
 602301-04 INLET, TYPE A
 602401-03 MANHOLE, TYPE A
 602601-04 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
 602701-02 MANHOLE STEPS
 604001-04 FRAMES AND LIDS, TYPE 1
 604051-04 FRAME AND GRATE, TYPE 11
 604091-03 FRAME AND GRATE, TYPE 24
 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
 606301-04 PC CONCRETE ISLANDS AND MEDIANS
 606306-04 CORRUGATED PC CONCRETE MEDIANS
 630001-11 STEEL PLATE BEAM GUARDRAIL
 631031-15 TRAFFIC BARRIER TERMINAL, TYPE 6
 631033-07 TRAFFIC BARRIER TERMINAL, TYPE 6B
 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS = 40 MPH
 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
 701602-06 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
 701611-01 URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
 701801-06 SIDEWALK CORNER OR CROSSWALK CLOSURE
 701901-06 TRAFFIC CONTROL DEVICES
 704001-08 TEMPORARY CONCRETE BARRIER
 720001-01 SIGN PANEL MOUNTING DETAILS
 720006-04 SIGN PANEL ERECTION DETAILS
 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
 725001-01 OBJECT AND TERMINAL MARKERS
 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
 782006 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
 814001-03 HANDHOLES
 838001 BREAKAWAY DEVICES
 601101-02

GENERAL NOTES

- SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF IDOT STANDARD SPECIFICATIONS AND ALL REVISIONS THERETO AND IN ACCORDANCE WITH THE DETAILS ON THE PLANS.
- THE CONTRACTOR SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, DON CHIARUGI, AT DON.CHIARUGI@ILLINOIS.GOV A MINIMUM OF TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (1-800-892-0123) 48 HOURS PRIOR TO ANY WORK IN THE RIGHT OF WAY OR EASEMENTS TO LOCATE UTILITIES, AND CONTACT THE OWNER'S REPRESENTATIVE SHOULD PUBLIC UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE CONTRACTOR SHALL TAKE CARE TO PROTECT ALL SIGNS ALONG THE ROUTE OF CONSTRUCTION. SIGNS SHALL BE REMOVED IF THEY ARE IN CONFLICT WITH PROPOSED WORK, AND APPROVED BY ENGINEER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY EXISTING DAMAGE TO A SIGN PRIOR TO REMOVAL. THE CONTRACTOR SHALL REPLACE ALL SIGNS AND POSTS DAMAGED DURING REMOVAL. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE RELOCATION OF SIGNS SHALL BE INCLUDED IN THE CONTRACT WITHOUT ANY EXTRA COMPENSATION ALLOWED TO THE CONTRACTOR ACCORDING TO ART. 107.25. UNLESS MARKED ON PLANS.
- 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.
- ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB & GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT SHALL BE EPOXY COATED UNLESS NOTED ON THE PLANS.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2" INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS WITH WRITTEN APPROVAL FROM THE ENGINEER. A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 V:H.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE IDOT DISTRICT 1 STANDARD "BUTT JOINT AND HMA TAPER DETAILS" UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) and USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION 11.5.a AND b OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION, SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING TREE STRUCTURE. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- PRUNE TREE LIMBS THAT MIGHT BE DAMAGED BY EQUIPMENT OPERATIONS AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION BY A CERTIFIED ARBORIST. ANY TREE LIMBS THAT ARE BROKEN BY CONSTRUCTION EQUIPMENT AFTER THE INITIAL PRUNING MUST BE PRUNED CORRECTLY WITHIN 72 HOURS.
- SUPPLEMENTAL WATERING IS SPECIFIED FOR TREES AND SHRUBS THAT WILL BE DISTURBED BY CONSTRUCTION BUT WILL REMAIN. NOTE THAT WATERING SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING, TOP PRUNING OR OTHER CONSTRUCTION DISTURBANCE.
- THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF HANOVER PARK. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

- THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
- ALL TREE PROTECTION, TREE REMOVAL, PRUNING, AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
- A COPY OF THE APPROVED NPDES PERMIT AND THE EROSION CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- SEEDING SHALL 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 SHOWN IN THE PLANS SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- THE FINISHED EARTHWORK SHALL HAVE A VEGETATION-SUSTAINING SOIL COVERING THE TOP SIX INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION-SUSTAINING SOIL REQUIRED WILL BE PAID FOR SEPARATELY AS TOPSOIL FURNISH AND PLACE, 6".
- ANY EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE REMOVED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND VILLAGE OF HANOVER PARK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

COMMONWEALTH EDISON CO.
 ATTN: MARK TULACH
 1919 SWIFT ROAD
 OAK BROOK, IL 60523
 630-424-5704

NICOR GAS
 ATTN: CONSTANCE LANE, PE
 1844 FERRY ROAD
 NAPERVILLE, IL 60563
 630-388-3830

- THIS CONTRACT REQUIRES A 404 PERMIT.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION 11.5.a AND b OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

REV.

D:\Projects\18-20 West Branch Stage 2 Design\Transportation\CADD\CAD01 Sheets\US20 West Branch Stage 2 Design.dwg
 18-20 West Branch Stage 2 Design\Transportation\CADD\CAD01 Sheets\US20 West Branch Stage 2 Design.dwg



USER NAME - LindseyB	DESIGNED - KJC	REVISED -
PLOT SCALE - NTS	DRAWN - JPS	REVISED -
PLOT DATE - 18/28/2016 3:15:21 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 INDEX, GENERAL NOTES, STANDARDS

SCALE: NTS SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	2
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	

SPECIALTY ITEM
 SPECIAL PROVISION ITEM

URBAN

NHPP FUNDING			
ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021
SN 022-0548			

80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
--------------------------	--------------------------	------------------------------------	--------------------------

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12			
		20101000	TEMPORARY FENCE	FOOT	360	360			
		20101100	TREE TRUNK PROTECTION	EACH	5	5			
		20101700	SUPPLEMENTAL WATERING	UNIT	18	18			
		20200100	EARTH EXCAVATION	CU YD	724	724			
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2626	2626			
		20400800	FURNISHED EXCAVATION	CU YD	10625	10625			
		20800150	TRENCH BACKFILL	CU YD	529	529			
		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2394	2394			
		21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	6051	6051			
		25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25			
		25000314	SEEDING, CLASS 4B	ACRE	0.25	0.25			
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	113	113			
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	113	113			

D:\Projects\151-003a_15_23 West Branch Stage 2\Design\Transportation\CA00 Sheets\151528_500_Bldg.dwg



USER NAME = LindsayB	DESIGNED - AB	REVISED -
PLOT SCALE = NTS	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 4:25:17 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 1 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 3
CONTRACT NO. 62A60				
[ILLINOIS] FED. AID PROJECT				

• SPECIALTY ITEM
 X SPECIAL PROVISION ITEM

NHPP FUNDING			
ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021
SN 022-0548			

URBAN

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
•		30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2626	2626			
•		30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	10505	10505			
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1466	1466			
		35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	884	127		757	
		35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	135	135			
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	189			189	
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2741	2741			
		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1	1			
		40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	122	122			
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	48	48			
•		40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	5	5			
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	100	85		15	
		40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	285	285			
		42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	930	930			

Default: H:\2012\12-19-14-8836 US 20 West Branch Stage 2\Design\Transportation\CD00\CD00 Sheets\US20-SD-03.dgn

14

	USER NAME = LindseyB	DESIGNED - AB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER SUMMARY OF QUANTITIES	F.A.P. RTE. = 345	SECTION = 2015-006B-R	COUNTY = DUPAGE	TOTAL SHEETS = 170	SHEET NO. = 5
	PLOT SCALE = NTS	CHECKED - ODL	REVISED -			SCALE: NTS	SHEET 3 OF 15 SHEETS	STA. N/A TO STA. N/A	CONTRACT NO. 62A60	
	PLOT DATE = 10/20/2016 4:25:19 PM	DATE -	REVISED -							

• SPECIALTY ITEM
 X SPECIAL PROVISION ITEM

NHPP FUNDING			
ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021
SN 022-0548			

URBAN

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
		42000506	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)	SQ YD	8477	8477			
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	118	118			
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4431	4431			
		42400800	DETECTABLE WARNINGS	SQ FT	84	84			
		44000100	PAVEMENT REMOVAL	SQ YD	8845	8845			
		44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	2912	2912			
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	275	275			
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3276	3276			
		44000600	SIDEWALK REMOVAL	SQ FT	470	470			
	•	44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQ YD	335	335			
		44003100	MEDIAN REMOVAL	SQ FT	1447	1447			
		44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	84	84			
		44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	84	84			
		44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	84	84			

Default Path: \\s:\2012\12-15-16\B3a US 20 West Branch Stage 2\Design\Transportation\CADD\CADD Sheets\US20 B300-84.dgn

14

	USER NAME = L.LindseyB	DESIGNED - AB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER SUMMARY OF QUANTITIES	F.A.P. RTE. = 345	SECTION = 2015-006B-R	COUNTY = DUPAGE	TOTAL SHEETS = 170	SHEET NO. = 6		
	PLOT SCALE = NTS	CHECKED - DDL	REVISED -			SCALE: NTS	SHEET 4 OF 15 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 62A60		
	PLOT DATE = 10/20/2016 4:25:28 PM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						

• SPECIALTY ITEM
 X SPECIAL PROVISION ITEM

NHPP FUNDING			
ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021
	SN 022-0548		

URBAN

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
		44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	84	84			
		48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	53	53			
		50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1		
		50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2			
		50105220	PIPE CULVERT REMOVAL	FOOT	6	6			
		50200100	STRUCTURE EXCAVATION	CU YD	343		343		
		50300225	CONCRETE STRUCTURES	CU YD	277.3		277.3		
		50300255	CONCRETE SUPERSTRUCTURE	CU YD	387.7		387.7		
		50300260	BRIDGE DECK GROOVING	SQ YD	1648		1648		
		50300300	PROTECTIVE COAT	SQ YD	1211		1211		
		50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	366.2		366.2		
		• 50401315	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BEAMS, IL36N	FOOT	1061		1061		
		50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	262450		262450		
		50800515	BAR SPLICERS	EACH	679		679		

D:\Projects\154-083a US 20 West Branch Stage 2\Design\Transportation\COOP\CADD Sheets\US20_S00-05.dgn

14

• SPECIALTY ITEM
X SPECIAL PROVISION ITEM

URBAN

NHPP FUNDING

ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021
	SN 022-0548		
80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
		50900105	ALUMINUM RAILING, TYPE L	FOOT	138		138		
		50901720	BICYCLE RAILING	FOOT	435	292	143		
		50901750	PARAPET RAILING	FOOT	143		143		
		51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	2784		2784		
		51202305	DRIVING PILES	FOOT	2784		2784		
		51203200	TEST PILE METAL SHELLS	EACH	2		2		
		51500100	NAME PLATES	EACH	1		1		
		52200010	TEMPORARY SHEET PILING	SQ FT	1183		1183		
		52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	463		463		
		52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1523	1523			
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1			
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1			
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1			
		54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1			

D:\proj\12-15-14-803a-US 28 West Branch Stage 2\Design\Transportation\CORD\CORD Sheets\5220-08.dgn
 14



USER NAME * LindwegB	DESIGNED - AB	REVISED -
PLBT SCALE * NTS	DRAWN - JPS	REVISED -
PLBT DATE * 10/20/2016 4:25:22 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 6 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 8
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

• SPECIALTY ITEM
 X SPECIAL PROVISION ITEM

URBAN

NHPP FUNDING			
ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021
	SN 022-0548		

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
		54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1			
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	8	8			
		550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	147	147			
		550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	46	46			
		550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	468	468			
		550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	5	5			
		550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	286	286			
		550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	170	170			
		550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	287	287			
		55100300	STORM SEWER REMOVAL 8"	FOOT	30	30			
		55100500	STORM SEWER REMOVAL 12"	FOOT	435	435			
		55100700	STORM SEWER REMOVAL 15"	FOOT	20	20			
		55100900	STORM SEWER REMOVAL 18"	FOOT	448	448			
		55101100	STORM SEWER REMOVAL 21"	FOOT	62	62			

Default No. 2012121514-0036 US 20 West Branch-Stage 2 Design Transportation CD00 CD00 Sheets US20-500-07.dgn

14

* SPECIALTY ITEM
 X SPECIAL PROVISION ITEM

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP FUNDING			
						ROADWAY	BRIDGE	BIKE/PED	SIGNALS
						0004		0028	0021
		SN 022-0548							
		80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE				
		55101600	STORM SEWER REMOVAL 36"	FOOT	159	159			
		55101900	STORM SEWER REMOVAL 48"	FOOT	366	366			
		56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1			
		59100100	GEOCOMPOSITE WALL DRAIN	SO YD	254		254		
		60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	2039	2039			
		60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	8	8			
		60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3			
		60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
		60224446	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3			
		60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2	2			
		60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	6	6			
		60250200	CATCH BASINS TO BE ADJUSTED	EACH	6	6			
		60255500	MANHOLES TO BE ADJUSTED	EACH	8	8			
		60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1			

URBAN

Default: H:\2012\12-15-14-883a US 20 West Branch-Stage 2\Design\Transportation\CADD\CADD Sheets\1628-500-88.dgn

	USER NAME = LindseyB	DESIGNED - AB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = NTS	DRAWN - JPS	REVISED -			345	2015-006B-R	DUPAGE	170	10
	PLOT DATE = 10/28/2016 4:25:24 PM	CHECKED - DDL	REVISED -	SCALE: NTS	SHEET 8 OF 15 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 62A60		
ILLINOIS FED. AID PROJECT										

• SPECIALTY ITEM
 X SPECIAL PROVISION ITEM

NHPP FUNDING			
ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021

URBAN

80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
--------------------------	--------------------------	------------------------------------	--------------------------

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
		60260100	INLETS TO BE ADJUSTED	EACH	2	2			
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2			
		60500040	REMOVING MANHOLES	EACH	3	3			
		60500050	REMOVING CATCH BASINS	EACH	11	11			
		60500060	REMOVING INLETS	EACH	6	6			
		60602800	CONCRETE GUTTER, TYPE B	FOOT	84	84			
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	134	134			
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2271	2271			
•		60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SO FT	62	62			
		60620000	CONCRETE MEDIAN, TYPE SB-6.24	SO FT	33	33			
		60624600	CORRUGATED MEDIAN	SO FT	10	10			
*		63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	100	100			
		63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1			
		63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1	1			

Default Path: \\s:\2015\12-15-15-883a US 20 West Branch-Stage 2\Design\Transportation\0400\0400 Sheets\0528-500-89.dgn

14

	USER NAME = L.LindseyB PLOT SCALE = NTS PLOT DATE = 10/28/2016 4:29:25 PM	DESIGNED - AB DRAWN - JPS CHECKED - DDL DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER SUMMARY OF QUANTITIES	F.A.P. RTE. 345 SECTION 2015-0068-R COUNTY DUPAGE TOTAL SHEETS 170 SHEET NO. 11	CONTRACT NO. 62A60 ILLINOIS FED. AID PROJECT
	SCALE: NTS SHEET 9 OF 15 SHEETS STA. N/A TO STA. N/A						

• SPECIALTY ITEM
X SPECIAL PROVISION ITEM

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP FUNDING			
						ROADWAY	BRIDGE	BIKE/PED	SIGNALS
						0004		0028	0021
		SN 022-0548			80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE	
	*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2			
		63200310	GUARDRAIL REMOVAL	FOOT	697	697			
		63700155	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT	FOOT	338	338			
		63700900	CONCRETE BARRIER BASE	FOOT	342	342			
		64301090	ATTENUATOR BASE	SQ YD	14	14			
	•	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	200	200			
	•	66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1			
	•	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2			
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24			
		67100100	MOBILIZATION	LSUM	1	1			
		70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	360	360			
		70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12			
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	179	179			
		70400100	TEMPORARY CONCRETE BARRIER	FOOT	1680	1680			

URBAN

Default: P:\2015\17-154-022a US 20 West Branch-Stage 2\Design\Transportation\GADD\CAD Sheets\IS22-500-18.dgn

14



USER NAME = LindseyB	DESIGNED - AB	REVISED -
PLOT SCALE = NTS	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 4:25:25 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 10 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 12
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	

• SPECIALTY ITEM
 X SPECIAL PROVISION ITEM

NHPP FUNDING			
ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021
SN 022-0548			

URBAN

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
		70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1202	1202			
		70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2			
		70600341	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3	3			
	*	72000100	SIGN PANEL - TYPE 1	SO FT	29	29			
	*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4			
	*	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3			
	*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2			
	*	72900100	METAL POST - TYPE A	FOOT	53	53			
	*	72900200	METAL POST - TYPE B	FOOT	44	44			
	•	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	182	182			
	•	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2537	2537			
	•	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1100	1100			
	•	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	161	161			
	•	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	125	125			

Default: \\N:\2015\12-15-14-883a US 28 West Branch-Stage 2\Design\Transportation\CADD\CADD Sheets\US28_500-11.dgn
 14



USER NAME * LindseyB	DESIGNED - AB	REVISED -
PLOT SCALE * NTS	DRAWN - JPS	REVISED -
PLOT DATE * 10/20/2015 4:25:26 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 SUMMARY OF QUANTITIES**

SCALE: NTS SHEET 11 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 13
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	

• SPECIALTY ITEM
X SPECIAL PROVISION ITEM

URBAN

NHPP FUNDING

ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021

SN 022-0548

80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
--------------------------	--------------------------	------------------------------------	--------------------------

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	123	123			
		78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	218	218			
		78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	5805	5805			
		78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	1474	1474			
		78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	273	273			
		78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	119	119			
		78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	179	179			
		78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	24	24			
		78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	67	67			
		78100300	REPLACEMENT REFLECTOR	EACH	74	74			
		78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8			
		78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	6	6			
		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	80	80			
		81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	731				731

Default: \\s20121151-154-883a US 20 West Branch Stage 2\Design\Transportation\CA0001\CA0001\500-12.dgn

14

• SPECIALTY ITEM
X SPECIAL PROVISION ITEM

URBAN

				NHPP FUNDING					
				ROADWAY	BRIDGE	BIKE/PED	SIGNALS		
				0004		0028	0021		
				SN 022-0548					
SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
		81200120	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	137				137
		81301110	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12" X 8" X 6"	EACH	2				2
		81400100	HANDHOLE	EACH	2				2
		81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA, POLYETHYLENE	FOOT	221	221			
		83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	11	11			
		83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	1	1			
		84200804	REMOVAL OF POLE FOUNDATION	EACH	1	1			
		84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1	1			
		85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2				2
		87900200	DRILL EXISTING HANDHOLE	EACH	1				1
		88600100	DETECTOR LOOP, TYPE I	FOOT	172				172
		89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	3200				3200
		89502380	REMOVE EXISTING HANDHOLE	EACH	2				2
		K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	50	50			

Default Path: \\s11z15r-883a US 20 West Branch-Stage 2\Design\Transportation\GDD\GDD-Sheet\US20-600-13.dgn

14

	USER NAME = LindseyB	DESIGNED - AB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER SUMMARY OF QUANTITIES				F.A.P. RTE. = 345	SECTION = 2015-066B-R	COUNTY = DUPAGE	TOTAL SHEETS = 170	SHEET NO. = 15	
	PLOT SCALE = NTS	CHECKED - DDL	REVISED -						CONTRACT NO. 62A60					
	PLOT DATE = 10/28/2016 4:25:28 PM	DATE -	REVISED -						ILLINOIS FED. AID PROJECT					

• SPECIALTY ITEM
 X SPECIAL PROVISION ITEM

URBAN

NHPP FUNDING			
ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021
SN 022-0548			

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
•		K0036118	MULCH PLACEMENT 3"	SO YD	50	50			
•		K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	LSUM	1	1			
•	•	X0325938	TEMPORARY WIRELESS INTERCONNECT, COMPLETE	LSUM	1				1
•	•	X0327586	REMOVE AND REPLACE FUSE KIT	EACH	1	1			
		X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SO FT	793	793			
		X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	258	258			
•		X1200044	TEMPORARY STORM SEWER 12"	FOOT	130	130			
•		X2510635	HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL	SO YD	6051	6051			
•		X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2			
•		X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	434		434		
•		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1			
•		X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	399	399			
•		X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	20518	20518			
•		X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	1359	1359			

Default: M:\2012\12-15-14-883a US 20 West Branch Dupage 2\Design\Transportation\CD00\CD000 Sheets\US20-500-14.dgn



USER NAME = LindseyB	DESIGNED - AB	REVISIONS
	DRAWN - JPS	REVISIONS
PLOT SCALE = NTS	CHECKED - DDL	REVISIONS
PLOT DATE = 10/28/2016 4:25:29 PM	DATE -	REVISIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 SUMMARY OF QUANTITIES

SCALE: NTS SHEET 14 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 16
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

0042
 NON-PART. (100% STATE)
 SPECIALTY ITEM
 SPECIAL PROVISION ITEM

URBAN

NHPP FUNDING			
ROADWAY	BRIDGE	BIKE/PED	SIGNALS
0004		0028	0021
SN 022-0548			

80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
--------------------------	--------------------------	------------------------------------	--------------------------

SP	SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% HANOVER PARK	80% FEDERAL 20% STATE
		X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	81	81			
		X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	672	672			
		X8100105	CONDUIT SPLICE	EACH	1				1
		Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	160	160			
		Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1			
		Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	3	3			
		Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	156	156			
		Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12	12			
		Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	362		362		
		Z0062456	TEMPORARY PAVEMENT	SO YD	1466	1466			
		Z0073400	TEMPORARY SUPPORT SYSTEM	EACH	1		1		
		Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2				2
		Z0076600	TRAINEES	Hour	500	500			
		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	500	500			

Default Path: \\201212-154-883a US 28 West Branch Stage 2\Design\Transportation\CADD\CADD Sheets\US28_500-15.dgn
 MA_201212-154-883a US 28 West Branch Stage 2\Design\Transportation\CADD\CADD Sheets\US28_500-15.dgn



USER NAME = LindseyD	DESIGNED - AB	REVISED -
PLOT SCALE = NTS	DRAWN - JPS	REVISED -
PLOT DATE = 10/28/2016 4:25:38 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 15 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 17
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

U.S. ROUTE 20 (LAKE STREET) EARTHWORK SCHEDULE - STAGE I CONSTRUCTION

A	B	C	D	E	F	G
FROM STA	TO STA	EARTH EXCAVATION (CU YD)	15% ADJUSTMENT FOR SHRINKAGE (CU YD)	EARTH EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+) SHORTAGE(-) (CU YD)	TOPSOIL REMOVAL (CU YD)
237+00.00	237+50.00	0.0	0.0	0.0	0.0	0.0
237+50.00	238+00.00	1.4	1.2	31.2	-30.0	17.4
238+00.00	238+50.00	29.6	25.2	71.9	-46.8	37.7
238+50.00	239+00.00	54.4	46.3	85.6	-39.4	42.9
239+00.00	239+50.00	45.7	38.9	48.0	-9.1	28.4
239+50.00	240+00.00	19.6	16.7	20.3	-3.6	18.8
240+00.00	240+34.10	0.1	0.1	26.1	-26.0	8.9
240+34.10	240+50.00	0.0	0.0	14.0	-14.0	0.0
240+50.00	241+00.00	0.0	0.0	78.0	-78.0	21.3
241+00.00	241+50.00	0.0	0.0	122.2	-122.2	39.4
241+50.00	242+00.00	0.0	0.0	166.2	-166.2	41.0
242+00.00	242+50.00	0.0	0.0	231.7	-231.7	49.4
242+50.00	243+00.00	0.0	0.0	353.6	-353.6	55.3
243+00.00	243+50.00	0.0	0.0	548.5	-548.5	68.6
243+50.00	244+00.00	0.0	0.0	475.6	-475.6	39.8
244+00.00	244+50.00	0.0	0.0	504.3	-504.3	46.7
244+50.00	245+00.00	0.0	0.0	681.2	-681.2	91.2
245+00.00	245+50.00	0.0	0.0	582.2	-582.2	81.8
245+50.00	246+00.00	0.0	0.0	466.3	-466.3	71.8
246+00.00	246+50.00	0.0	0.0	354.3	-354.3	66.6
246+50.00	247+00.00	0.0	0.0	243.3	-243.3	62.4
247+00.00	247+50.00	0.0	0.0	138.6	-138.6	55.3
247+50.00	248+00.00	0.2	0.2	41.5	-41.3	24.9
248+00.00	248+50.00	16.5	14.0	37.8	-23.8	25.4
248+50.00	249+00.00	40.9	34.8	59.0	-24.2	48.3
249+00.00	249+33.19	32.8	27.8	30.6	-2.8	29.1
249+33.19	249+50.00	8.3	7.1	15.9	-8.8	13.8
249+50.00	250+00.00	0.0	0.0	28.7	-28.7	32.7
250+00.00	250+50.00	0.1	0.1	6.7	-6.6	18.1
250+50.00	251+00.00	0.1	0.1	1.2	-1.1	5.6
251+00.00	251+50.00	0.0	0.0	0.0	0.0	0.0
251+50.00	252+00.00	0.0	0.0	0.0	0.0	0.0
252+00.00	253+00.00	0.0	0.0	0.0	0.0	0.0
253+00.00	254+00.00	0.0	0.0	0.0	0.0	0.0
254+00.00	255+00.00	0.0	0.0	0.0	0.0	0.0
TOTAL		249.7	212.3	5,464.5	-5,252.2	1,142.4

LEGEND

COLUMNS A AND B: LOCATION ON PLANS

COLUMN C: CUT QUANTITIES FROM CROSS SECTIONS

COLUMN D: = C X 0.85
 EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT.
 A SHRINKAGE FACTOR OF 15% IS USED.

COLUMN E: FILL QUANTITIES FROM CROSS SECTIONS

COLUMN F: = D - E
 POSITIVE QUANTITY = EXTRA EXCAVATION TO BE WASTED.
 NEGATIVE QUANTITY = FURNISHED EXCAVATION NEEDED.

COLUMN G: TOPSOIL STRIPPING.
 ASSUMED TO BE 12" NOMINAL DEPTH.
 ASSUMED TO BE UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT.

D:\csl\12-15-15-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Schedule-01.dgn



USER NAME = LindseyB	DESIGNED - AB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:36 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
SCHEDULE OF QUANTITIES**

SCALE: NTS SHEET 1 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	18
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	

U.S. ROUTE 20 (LAKE STREET) EARTHWORK SCHEDULE - STAGE II CONSTRUCTION

A	B	C	D	E	F	G
FROM STA	TO STA	EARTH EXCAVATION (CU YD)	15% ADJUSTMENT FOR SHRINKAGE (CU YD)	EARTH EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+) SHORTAGE(-) (CU YD)	TOPSOIL REMOVAL (CU YD)
237+00.00	237+50.00	0.0	0.0	0.0	0.0	0.0
237+50.00	238+00.00	0.0	0.0	0.0	0.0	0.0
238+00.00	238+50.00	22.1	18.8	14.3	4.6	21.2
238+50.00	239+00.00	47.7	40.5	30.8	9.7	43.8
239+00.00	239+50.00	45.8	39.0	30.3	8.7	41.4
239+50.00	240+00.00	25.5	21.6	30.8	-9.2	37.5
240+00.00	240+34.10	3.8	3.2	25.3	-22.0	27.3
240+34.10	240+50.00	0.4	0.4	13.5	-13.1	14.2
240+50.00	241+00.00	5.0	4.3	62.1	-57.9	51.5
241+00.00	241+50.00	8.0	6.8	102.9	-96.1	60.3
241+50.00	242+00.00	6.9	5.8	182.1	-176.3	70.8
242+00.00	242+50.00	4.2	3.5	310.3	-306.7	81.5
242+50.00	243+00.00	1.2	1.0	404.5	-403.5	61.9
243+00.00	243+50.00	0.0	0.0	634.3	-634.3	19.1
243+50.00	244+00.00	0.0	0.0	788.1	-788.1	44.8
244+00.00	244+50.00	0.0	0.0	695.0	-695.0	92.2
244+50.00	245+00.00	0.0	0.0	603.4	-603.4	91.5
245+00.00	245+50.00	0.0	0.0	476.4	-476.4	82.1
245+50.00	246+00.00	0.0	0.0	349.7	-349.7	76.5
246+00.00	246+50.00	0.0	0.0	217.0	-217.0	60.8
246+50.00	247+00.00	0.1	0.1	89.8	-89.7	35.2
247+00.00	247+50.00	2.4	2.0	22.6	-20.5	20.8
247+50.00	248+00.00	12.4	10.5	1.2	9.3	12.7
248+00.00	248+50.00	36.9	31.3	0.7	30.6	7.4
248+50.00	249+00.00	49.6	42.2	0.5	41.7	2.8
249+00.00	249+33.19	27.7	23.5	0.0	23.5	0.0
249+33.19	249+50.00	6.3	5.4	0.0	5.4	0.0
249+50.00	250+00.00	0.0	0.0	0.0	0.0	0.0
250+00.00	250+50.00	0.0	0.0	0.0	0.0	0.0
250+50.00	251+00.00	0.0	0.0	0.0	0.0	0.0
251+00.00	251+50.00	0.0	0.0	0.0	0.0	0.0
251+50.00	252+00.00	0.0	0.0	0.0	0.0	0.0
252+00.00	253+00.00	0.0	0.0	0.0	0.0	0.0
253+00.00	254+00.00	0.0	0.0	0.0	0.0	0.0
254+00.00	255+00.00	0.0	0.0	0.0	0.0	0.0
TOTAL		305.9	260.0	5,085.7	-4,825.6	1,057.3

LEGEND

COLUMNS A AND B: LOCATION ON PLANS

COLUMN C: CUT QUANTITIES FROM CROSS SECTIONS

COLUMN D: = C X 0.85
 EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT.
 A SHRINKAGE FACTOR OF 15% IS USED.

COLUMN E: FILL QUANTITIES FROM CROSS SECTIONS

COLUMN F: = D - E
 POSITIVE QUANTITY = EXTRA EXCAVATION TO BE WASTED.
 NEGATIVE QUANTITY = FURNISHED EXCAVATION NEEDED.

COLUMN G: TOPSOIL STRIPPING.
 ASSUMED TO BE 12" NOMINAL DEPTH.
 ASSUMED TO BE UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT.

D:\cadd\2012\12-15\4-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Schedule-02.dgn



USER NAME = LindseyB	DESIGNED - AB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:37 PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 SCHEDULE OF QUANTITIES**

SCALE: NTS SHEET 2 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 19
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	

U.S. ROUTE 20 (LAKE STREET) EARTHWORK SCHEDULE - STAGE III CONSTRUCTION

A	B	C	D	E	F	G
FROM STA	TO STA	EARTH EXCAVATION (CU YD)	15% ADJUSTMENT FOR SHRINKAGE (CU YD)	EARTH EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+) SHORTAGE(-) (CU YD)	TOPSOIL REMOVAL (CU YD)
237+00.00	237+50.00	0.0	0.0	0.0	0.0	0.0
237+50.00	238+00.00	0.0	0.0	0.0	0.0	0.0
238+00.00	238+50.00	0.0	0.0	0.0	0.0	0.0
238+50.00	239+00.00	0.0	0.0	0.0	0.0	0.0
239+00.00	239+50.00	3.9	3.3	34.4	-31.0	15.3
239+50.00	240+00.00	7.7	6.5	55.6	-49.1	26.3
240+00.00	240+34.10	2.6	2.2	14.5	-12.3	7.5
240+34.10	240+50.00	0.0	0.0	0.0	0.0	0.0
240+50.00	241+00.00	3.5	3.0	25.6	-22.7	1.8
241+00.00	241+50.00	7.0	6.0	48.0	-42.0	3.7
241+50.00	242+00.00	4.9	4.2	44.5	-40.4	5.3
242+00.00	242+50.00	1.9	1.6	54.8	-53.2	11.9
242+50.00	243+00.00	0.5	0.4	32.6	-32.2	8.6
243+00.00	243+50.00	0.0	0.0	0.0	0.0	0.0
243+50.00	244+00.00	0.0	0.0	0.0	0.0	0.0
244+00.00	244+50.00	0.0	0.0	0.0	0.0	0.0
244+50.00	245+00.00	0.9	0.8	45.2	-44.4	6.3
245+00.00	245+50.00	4.4	3.7	76.3	-72.6	12.0
245+50.00	246+00.00	6.9	5.8	66.0	-60.2	14.9
246+00.00	246+50.00	6.9	5.8	43.2	-37.4	10.6
246+50.00	247+00.00	13.3	11.3	16.8	-5.4	1.4
247+00.00	247+50.00	17.1	14.6	15.6	-1.1	0.0
247+50.00	248+00.00	7.2	6.1	7.2	-1.1	0.0
248+00.00	248+50.00	8.9	7.6	7.1	0.4	0.0
248+50.00	249+00.00	14.5	12.4	14.6	-2.3	0.9
249+00.00	249+33.19	10.6	9.0	6.0	3.0	1.3
249+33.19	249+50.00	6.9	5.9	1.0	4.9	0.8
249+50.00	250+00.00	14.5	12.4	19.0	-6.6	13.3
250+00.00	250+50.00	5.2	4.4	32.5	-28.1	23.2
250+50.00	251+00.00	0.9	0.8	22.4	-21.6	20.4
251+00.00	251+50.00	0.0	0.0	7.4	-7.4	9.2
251+50.00	252+00.00	0.0	0.0	0.0	0.0	0.0
252+00.00	253+00.00	0.0	0.0	0.0	0.0	0.0
253+00.00	254+00.00	0.0	0.0	0.0	0.0	0.0
254+00.00	255+00.00	0.0	0.0	0.0	0.0	0.0
TOTAL		150.2	127.6	690.5	-562.8	194.6

LEGEND

COLUMNS A AND B: LOCATION ON PLANS

COLUMN C: CUT QUANTITIES FROM CROSS SECTIONS

COLUMN D: = C X 0.85
 EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT.
 A SHRINKAGE FACTOR OF 15% IS USED.

COLUMN E: FILL QUANTITIES FROM CROSS SECTIONS

COLUMN F: = D - E
 POSITIVE QUANTITY = EXTRA EXCAVATION TO BE WASTED.
 NEGATIVE QUANTITY = FURNISHED EXCAVATION NEEDED.

COLUMN G: TOPSOIL STRIPPING.
 ASSUMED TO BE 12" NOMINAL DEPTH.
 ASSUMED TO BE UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT.

D:\csl\12-15-15-003a US 20 West Branch Stage 2\Design\Transportation\CAD\00_Sheets\US20_Schedule-03.dgn

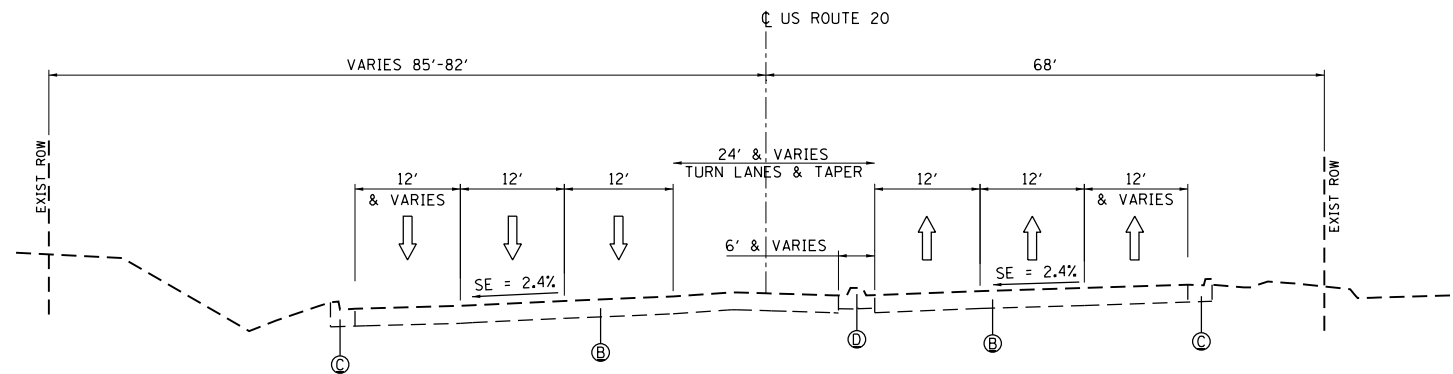


USER NAME = LindseyB	DESIGNED - AB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:38 PM	DATE -	REVISED -

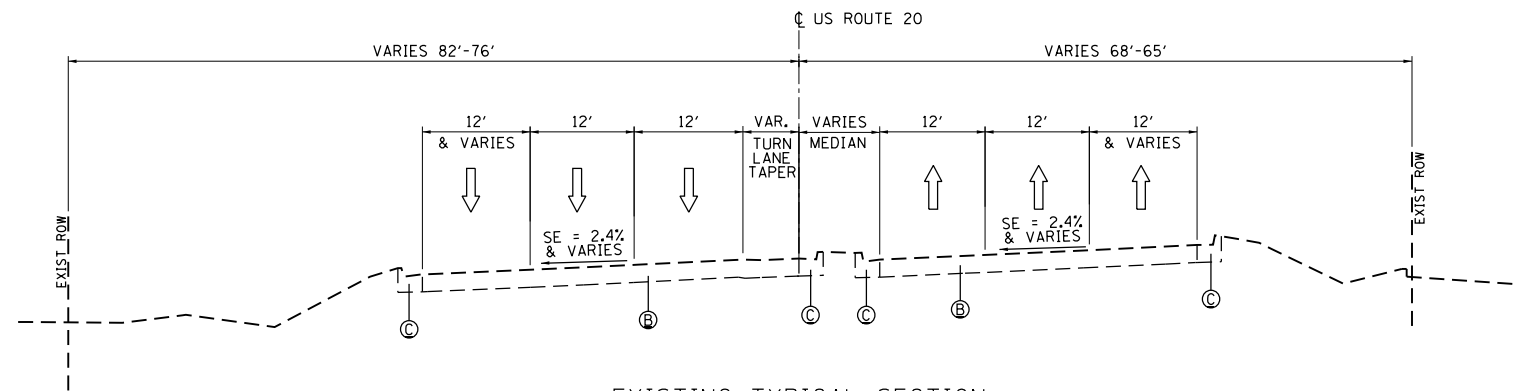
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER			
SCHEDULE OF QUANTITIES			
SCALE: NTS	SHEET 3	OF 3 SHEETS	STA. N/A TO STA. N/A

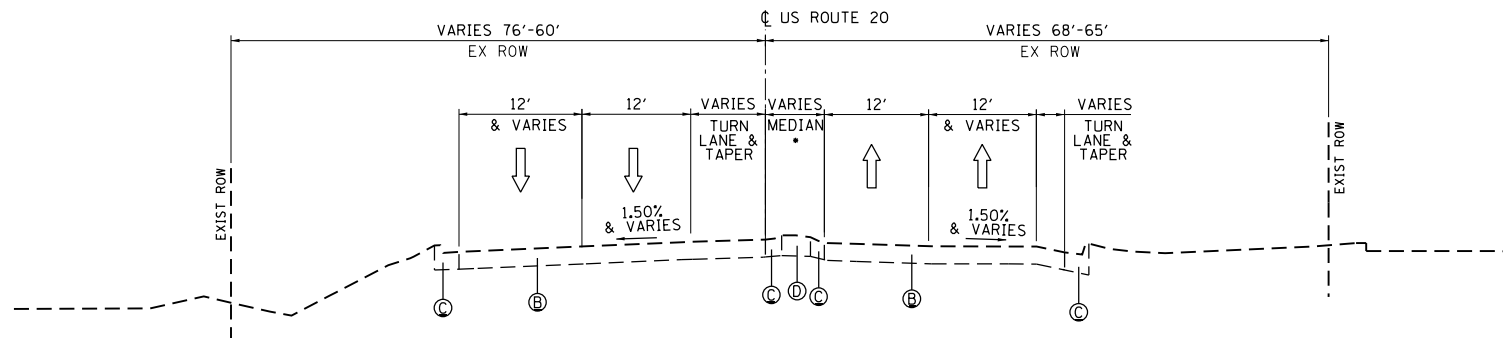
F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 20
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
US ROUTE 20 (LAKE ST)
FACING EAST
STA. 237+49 TO STA. 237+88



EXISTING TYPICAL SECTION
US ROUTE 20 (LAKE ST)
FACING EAST
STA. 237+88 TO STA. 240+05



EXISTING TYPICAL SECTION
US ROUTE 20 (LAKE ST)
FACING EAST
STA. 240+05 TO STA. 243+06

• EXISTING M-2.12 CONCRETE MEDIAN
STA. 240+60.50 TO 241+72.50

EXISTING LEGEND

- (A) EXIST. HMA SURFACE
- (B) EXIST. 10 1/4 PCC PAVEMENT
- (C) EXIST. CURB AND GUTTER
- (D) EXIST. PCC MEDIAN
- (E) EXIST. GUARDRAIL
- (F) EXIST. PCC SIDEWALK

D:\cadd\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheet\US20_TypicalEx-83.dgn



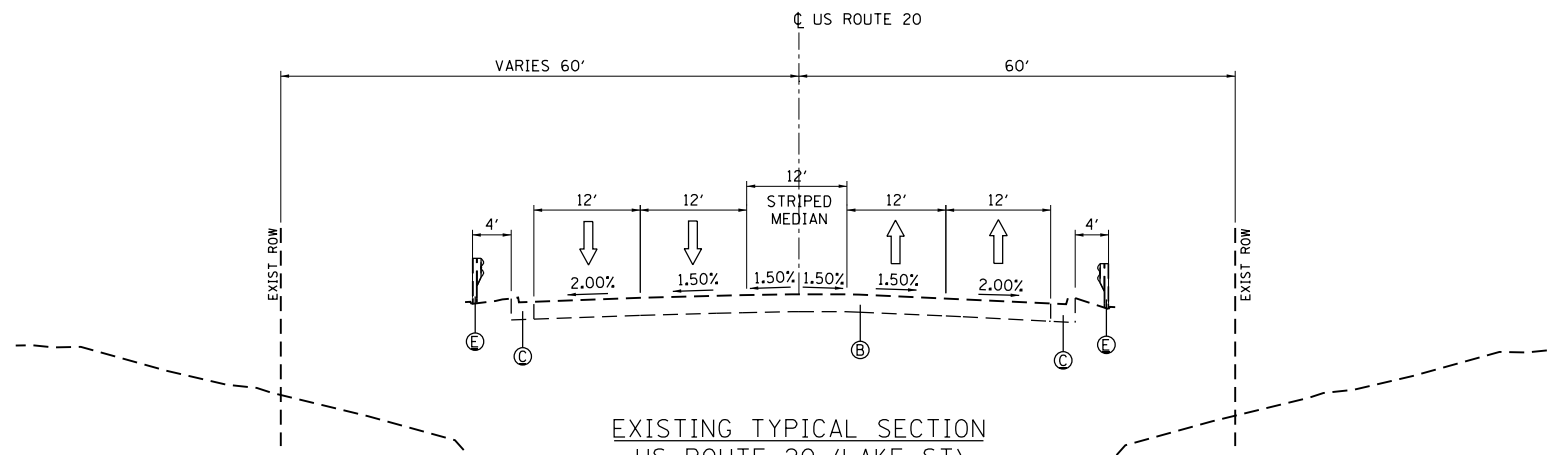
USER NAME = LindseyB	DESIGNED - AB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:45 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

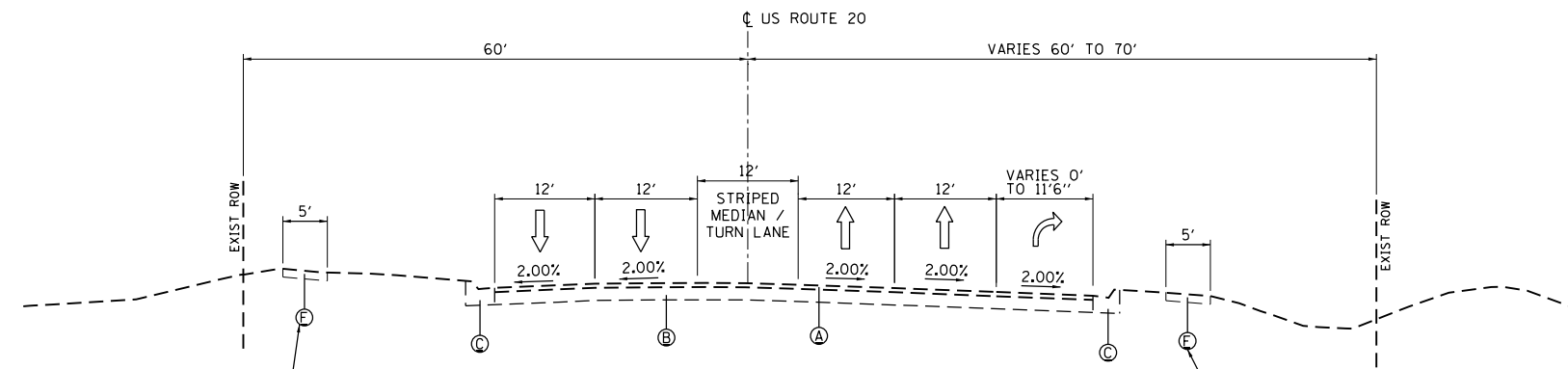
U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
EXISTING TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 4 SHEETS STA. N/A TO STA. N/A

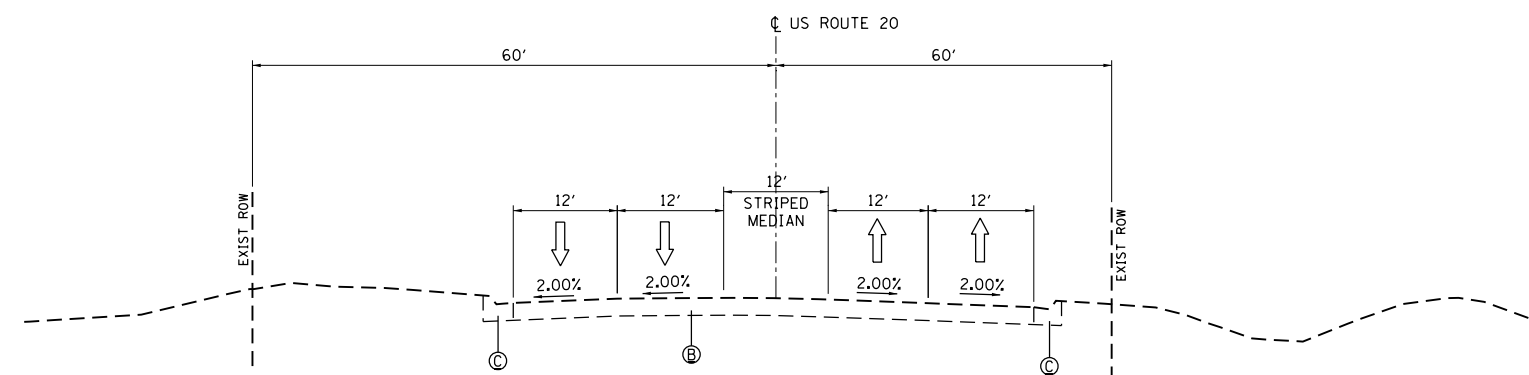
F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 21
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
US ROUTE 20 (LAKE ST)
FACING EAST
STA. 243+06 TO STA. 244+06
(CULVERT SECTION)



EXISTING TYPICAL SECTION
US ROUTE 20 (LAKE ST)
FACING EAST
STA. 244+72 TO STA. 253+37



EXISTING TYPICAL SECTION
US ROUTE 20 (LAKE ST)
FACING EAST
STA. 244+06 TO STA. 244+72

EXISTING LEGEND

- Ⓐ EXIST. HMA SURFACE
- Ⓑ EXIST. 10 1/4 PCC PAVEMENT
- Ⓒ EXIST. CURB AND GUTTER
- Ⓓ EXIST. PCC MEDIAN
- Ⓔ EXIST. GUARDRAIL
- Ⓕ EXIST. PCC SIDEWALK

Default: Ms. 2012\12-15-11-003a US 20 West Branch Stage 2\Design\Transportation\CADD\CADD Sheets\US20_TypicalEx-84.dgn



USER NAME = LindseyB	DESIGNED - AB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:46 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
EXISTING TYPICAL SECTIONS

SCALE: NTS SHEET 2 OF 4 SHEETS STA. N/A TO STA. N/A

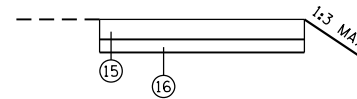
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	22
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT REQUIREMENTS

APPLICATION	MIXTURE TYPE	AIR VOIDS @ NDES	OMP
SHARED USE PATH	2" HMA SURFACE COURSE, MIX D, N50 (IL 9.5 mm)	4% @ 50 GYR	QC/OA
US 20 RESURFACING	1 3/4" POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5 mm)	4% @ 70 GYR	QC/OA
	3/4" POLYMERIZED LEVELING BINDER (MM), IL-4.75 mm, N50	3.5% @ 50 GYR	QC/OA
DRIVEWAYS	2" HMA SURFACE COURSE, MIX D, N50 (IL 9.5 mm)	4% @ 50 GYR	QC/OA
	8" HMA BASE COURSE (HMA BINDER IL-19mm)	4% @ 50 GYR	QC/OA
TEMPORARY PAVEMENT	8" HMA BINDER COURSE, IL-19.0, N50	4% @ 70 GYR	QC/OA
PATCHING	CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/OA
	HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/OA
SHOULDER	4 1/4" HMA SHOULDER (HMA BINDER IL-19mm)	4% @ 50 GYR	QC/OA
	1 3/4" POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5 mm)	4% @ 70 GYR	QC/OA

OMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP)

NOTE:
PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.



NOTE:
TEMPORARY PAVEMENT SHALL CONSIST OF THE FOLLOWING
OPTION 1: 8" HMA BINDER COURSE, IL-19.0, N50
OPTION 2: 8" PCC PAVEMENT

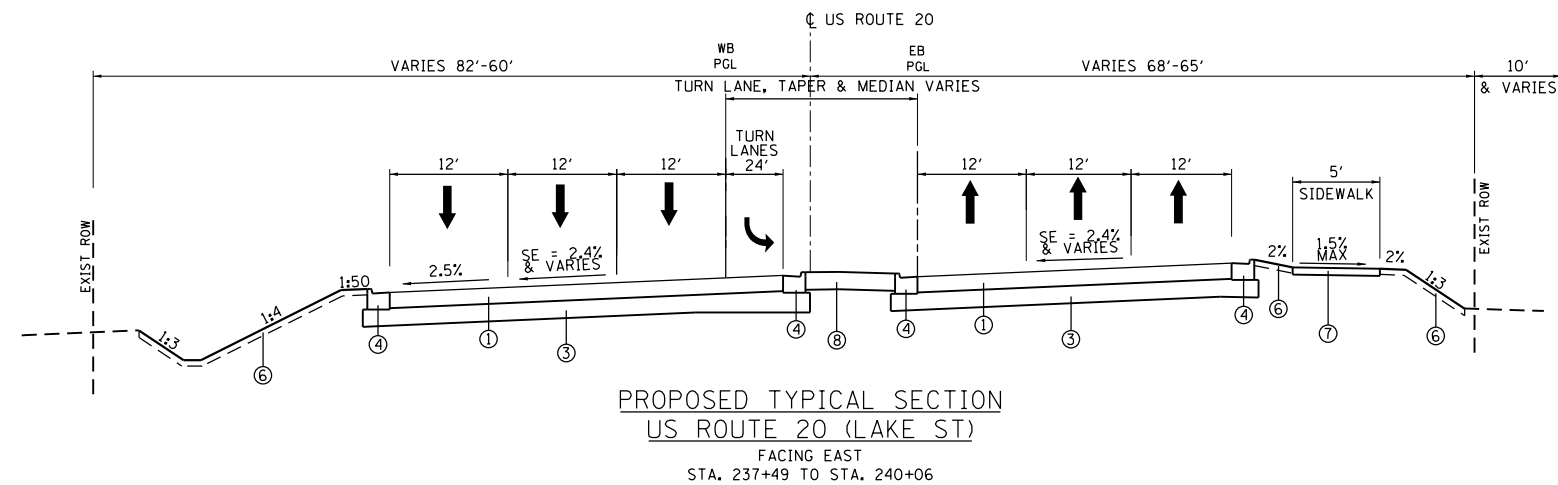
**PROPOSED TEMPORARY PAVEMENT TYPICAL SECTION
US ROUTE 20 (LAKE ST.)**

HMA NOTES:

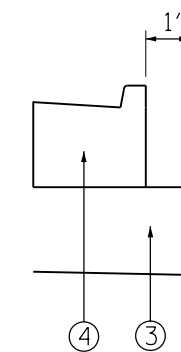
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SOYD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
4. QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

PROPOSED LEGEND

- ① 10 1/4" PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED)
- ② 1 3/4" POLYMERIZED HMA SURFACE COURSE, MIX "E", N70
3/4" POLYMERIZED LEVELING BINDER (MM), IL-4.75mm, N50
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- ⑤ 2" HMA SURFACE COURSE, MIX "D", N50
AGGREGATE BASE COURSE, TYPE B 8"
- ⑥ TOPSOIL FURNISH AND PLACE, 6"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK 5"
- ⑧ CONCRETE MEDIAN SURFACE, 6"
- ⑨ PROPOSED BRIDGE DECK
- ⑩ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ⑪ STEEL PLATE BEAM GUARDRAIL, TYPE A
- ⑫ BICYCLE RAILING
- ⑬ PARAPET RAILING
- ⑭ HMA SURFACE REMOVAL 2 1/2"
- ⑮ TEMPORARY PAVEMENT
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑰ BITUMINOUS MATERIALS (PRIME COAT)
- ⑱ BITUMINOUS MATERIALS (TACK COAT)



AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.



**AGGREGATE SUBGRADE
DETAIL**

Default: Mo., 2012/12/15 4:00:30a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Typical\IP--03.dgn

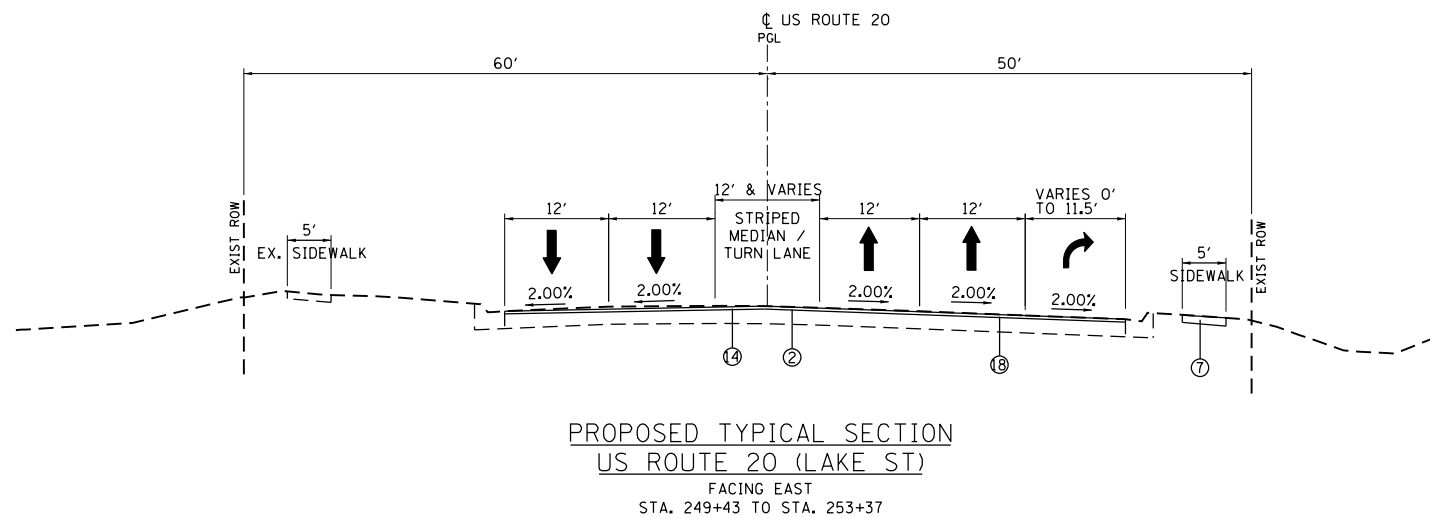
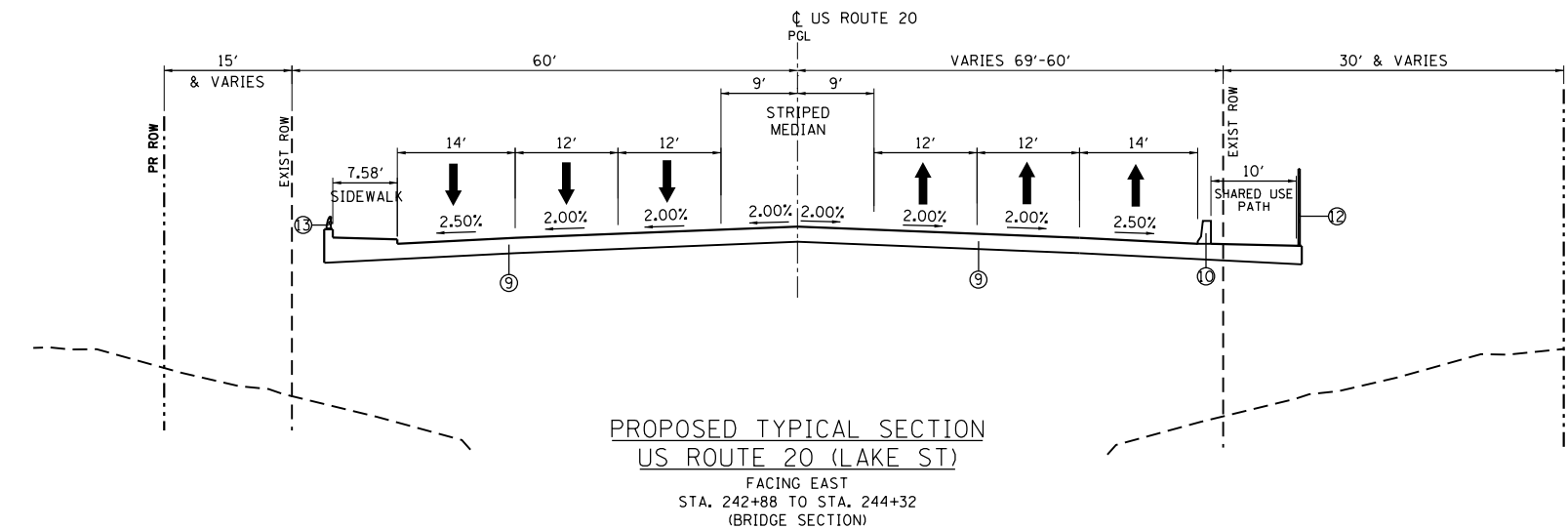
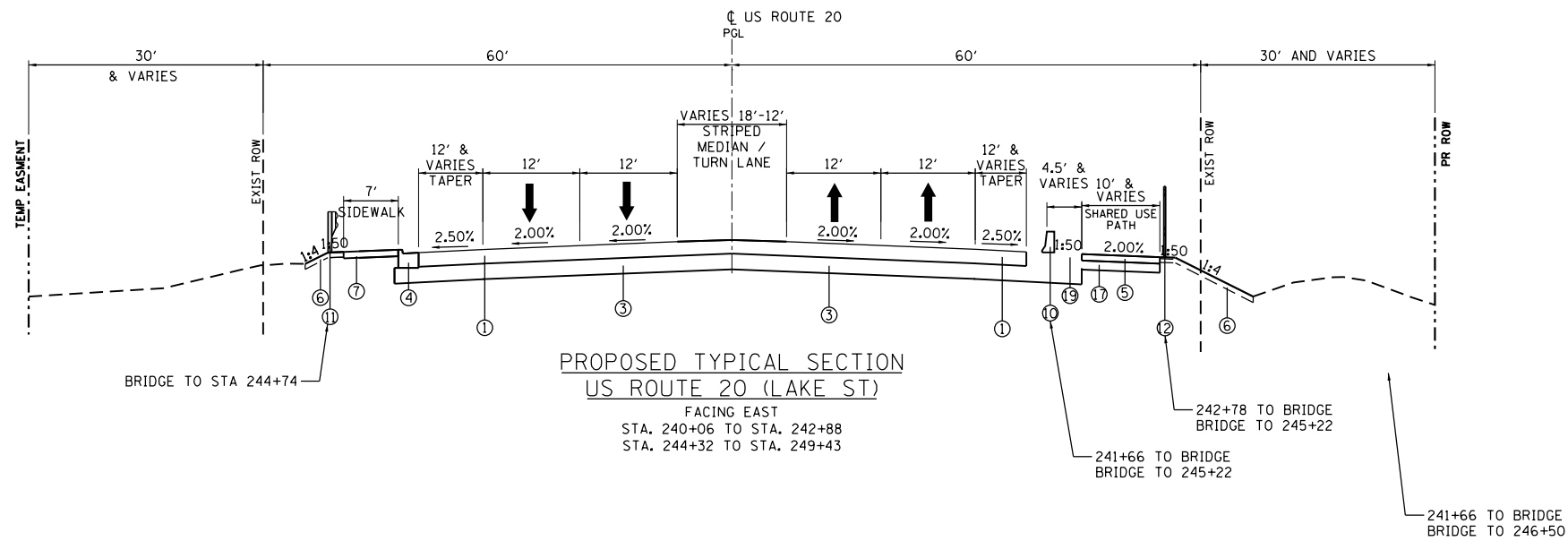


USER NAME = LindseyB	DESIGNED - AB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:46 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

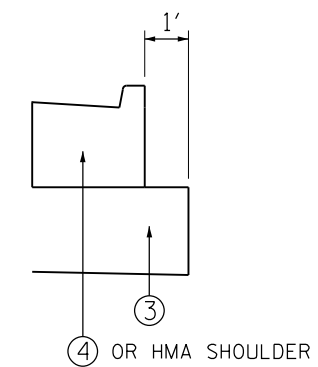
U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER PROPOSED TYPICAL SECTIONS			
SCALE: NTS	SHEET 3	OF 4 SHEETS	STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	23
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



PROPOSED LEGEND

- ① 10 1/4" PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED)
- ② 1 3/4" POLYMERIZED HMA SURFACE COURSE, MIX "E", N70
3/4" POLYMERIZED LEVELING BINDER (MM), IL-4.75 mm, N50
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- ⑤ 2" HMA SURFACE COURSE, MIX "D", N50
AGGREGATE BASE COURSE, TYPE B 8"
- ⑥ TOPSOIL FURNISH AND PLACE, 6"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK 8"
- ⑧ CONCRETE MEDIAN SURFACE, 6"
- ⑨ PROPOSED BRIDGE DECK
- ⑩ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ⑪ STEEL PLATE BEAM GUARDRAIL, TYPE A
- ⑫ BICYCLE RAILING
- ⑬ PARAPET RAILING
- ⑭ HMA SURFACE REMOVAL 2 1/2"
- ⑮ TEMPORARY PAVEMENT
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑰ BITUMINOUS MATERIALS (PRIME COAT)
- ⑱ BITUMINOUS MATERIALS (TACK COAT)
- ⑲ CONCRETE BARRIER BASE



AGGREGATE SUBGRADE
DETAIL

Default: Ms., 2012/12/15 11:47:00 AM US 20 West Branch Stage 2\Design\Transportation\CADD\Sheet\US20_Typical\IP--04.dgn



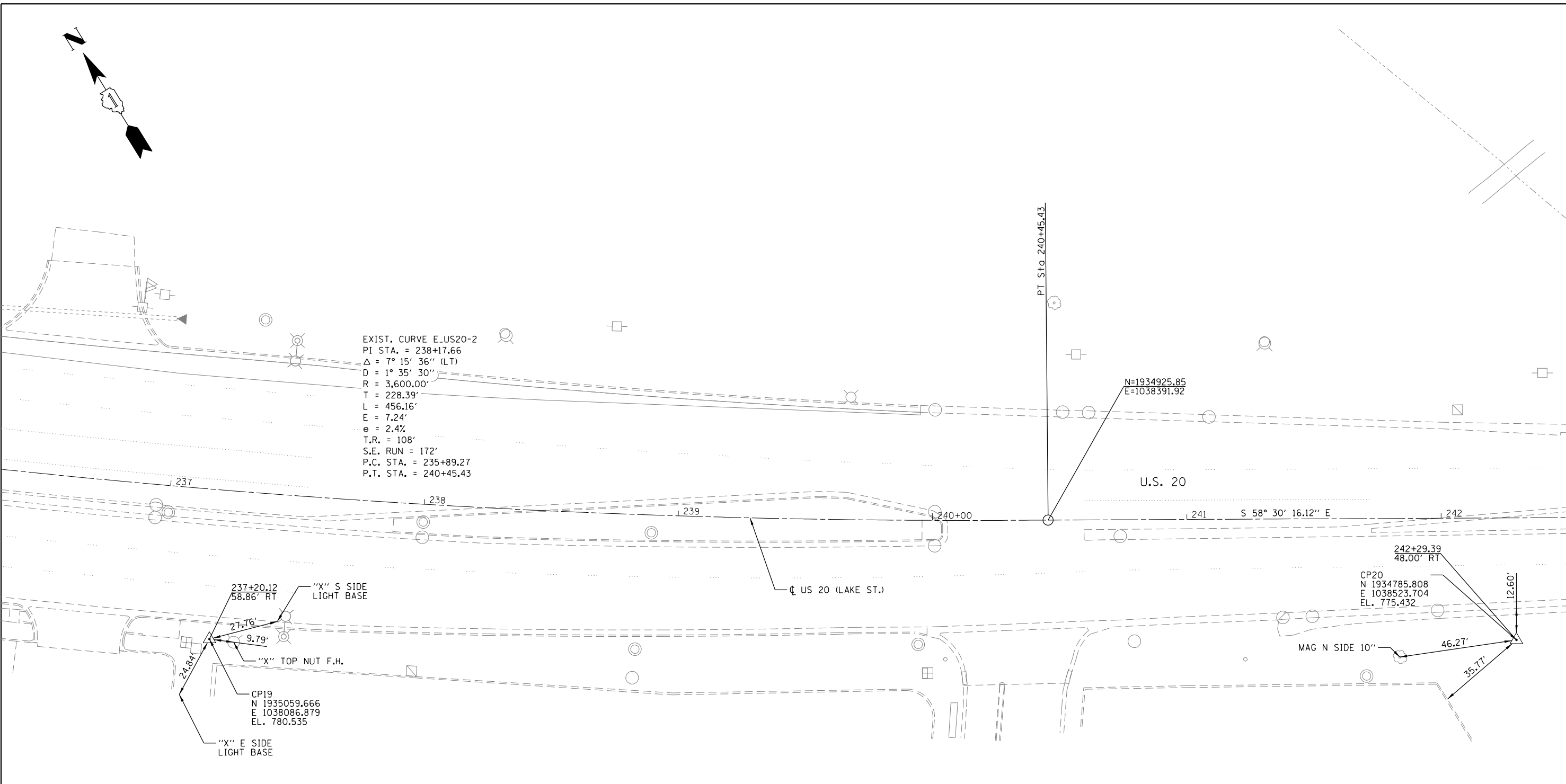
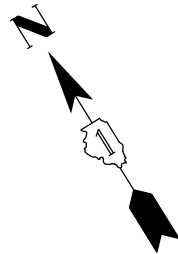
USER NAME = LindseyB	DESIGNED - AB	REVISED -
PLOT SCALE = NTS	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:15:47 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	24
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE E.US20-2
 PI STA. = 238+17.66
 $\Delta = 7^\circ 15' 36''$ (LT)
 $D = 1^\circ 35' 30''$
 $R = 3,600.00'$
 $T = 228.39'$
 $L = 456.16'$
 $E = 7.24'$
 $e = 2.4\%$
 $T.R. = 108'$
 $S.E. RUN = 172'$
 $P.C. STA. = 235+89.27$
 $P.T. STA. = 240+45.43$

237+20.12
 58.86' RT
 27-16
 9.79'
 "X" S SIDE LIGHT BASE
 "X" TOP NUT F.H.
 CP19
 N 1935059.666
 E 1038086.879
 EL. 780.535
 "X" E SIDE LIGHT BASE

242+29.39
 48.00' RT
 CP20
 N 1934785.808
 E 1038523.704
 EL. 775.432
 MAG N SIDE 10"
 46.27'
 35.17'
 12.60'

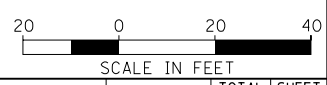
BM1 ELEV. = 796.15
 IDOT BRASS SURVEY MARKER IN CONCRETE PAVEMENT STAMPED FAP 345 STATION 303+50 ELEVATION 796.46 EAST BOUND ON RAMP BY RT EDGE OF PAVEMENT ELGIN OHARE.

BM2 ELEV. = 781.58
 CHISELED "SQUARE" ON WESTERLY CORNER OF DOUBLE TRAFFIC SIGNAL HANDHOLE AT SOUTHEAST CORNER OF U.S. 20 AND GREENBROOK B OULEVARD

BM3 ELEV. = 776.27
 FOUND CHISELED "SQUARE" ON NORTHWEST CORNER OF BOX CULVERT HEADWALL U.S. 20 EAST OF GREENBROOK BOULEVARD.

BM4 ELEV. = 807.34
 CHISELED "SQUARE" ON CENTERLINE MEDIAN CENTERLINE BRIDGE U.S. 20 OVER ELGIN OHARE.

BM5 ELEV. = 796.59
 CHISELED "SQUARE" ON SOUTHERLY SIDE OF LIGHT POLE SOUTHSIDE OF EAST BOUND ON RAMP ELGIN OHARE NEAR WESTERLY OF EAST BOUND U.S. 20



MATCHLINE STA. 242+50

Default: Ms. 2012\12-15\14-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Alight\14-07.dgn



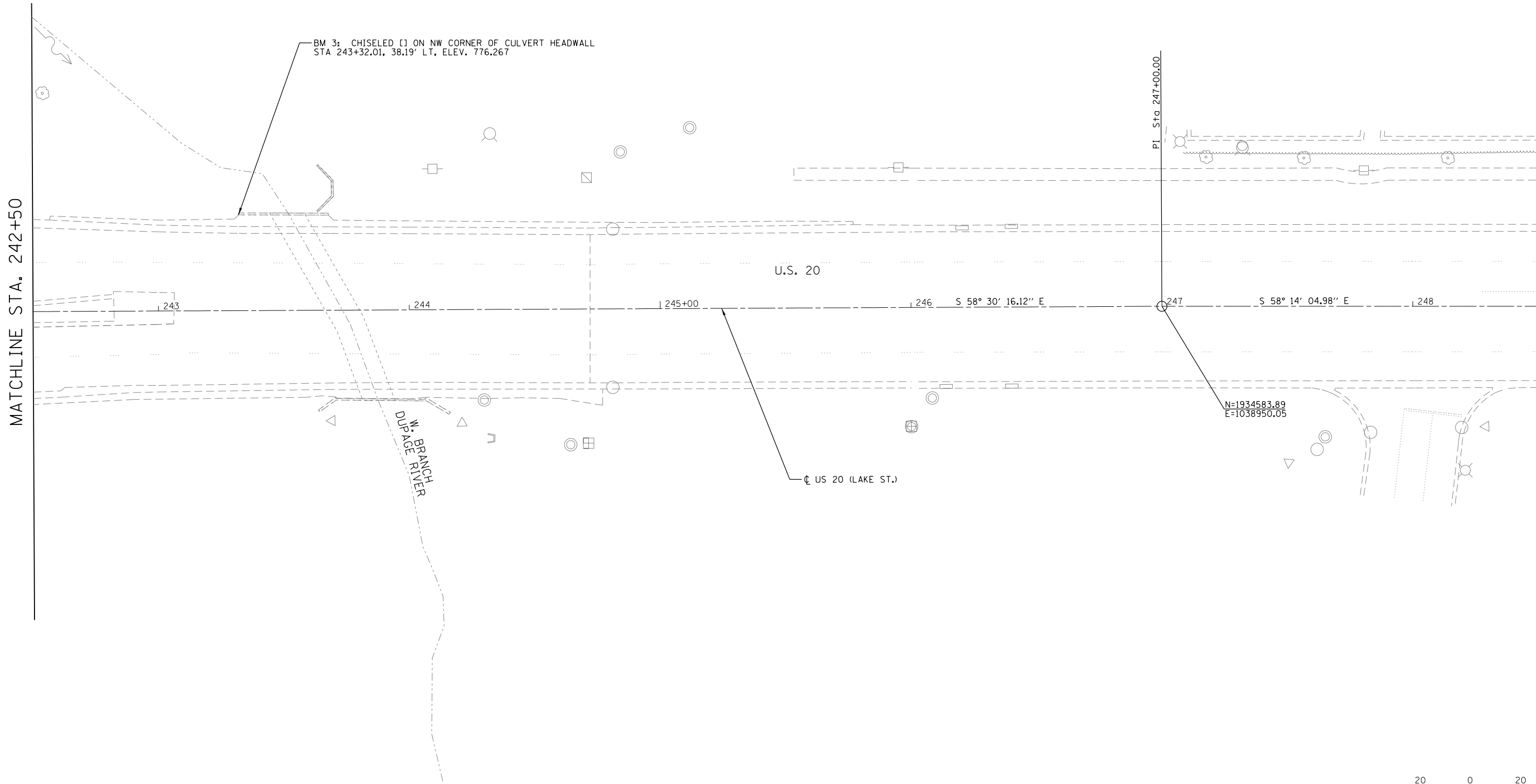
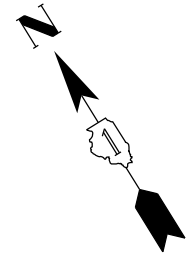
USER NAME = LindseyB	DESIGNED - DDL	REVISED -
DRAWN - JPS	REVISED -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:48 PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 ALIGNMENT & TIES**

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 237+00 TO STA. 242+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	25
CONTRACT NO. 62A60				ILLINOIS FED. AID PROJECT



Default: Ms_2012\12-15\1-003a US 20 West Branch-Stage 2\Design\Transportation\CADD\Sheets\US20_AlignTie-06.dgn

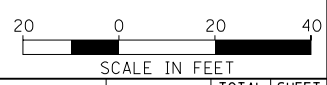


USER NAME = LindseyB	DESIGNED - DDL	REVISED -
DRAWN - JPS	REVISIONS -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:50 PM	DATE -	REVISED -

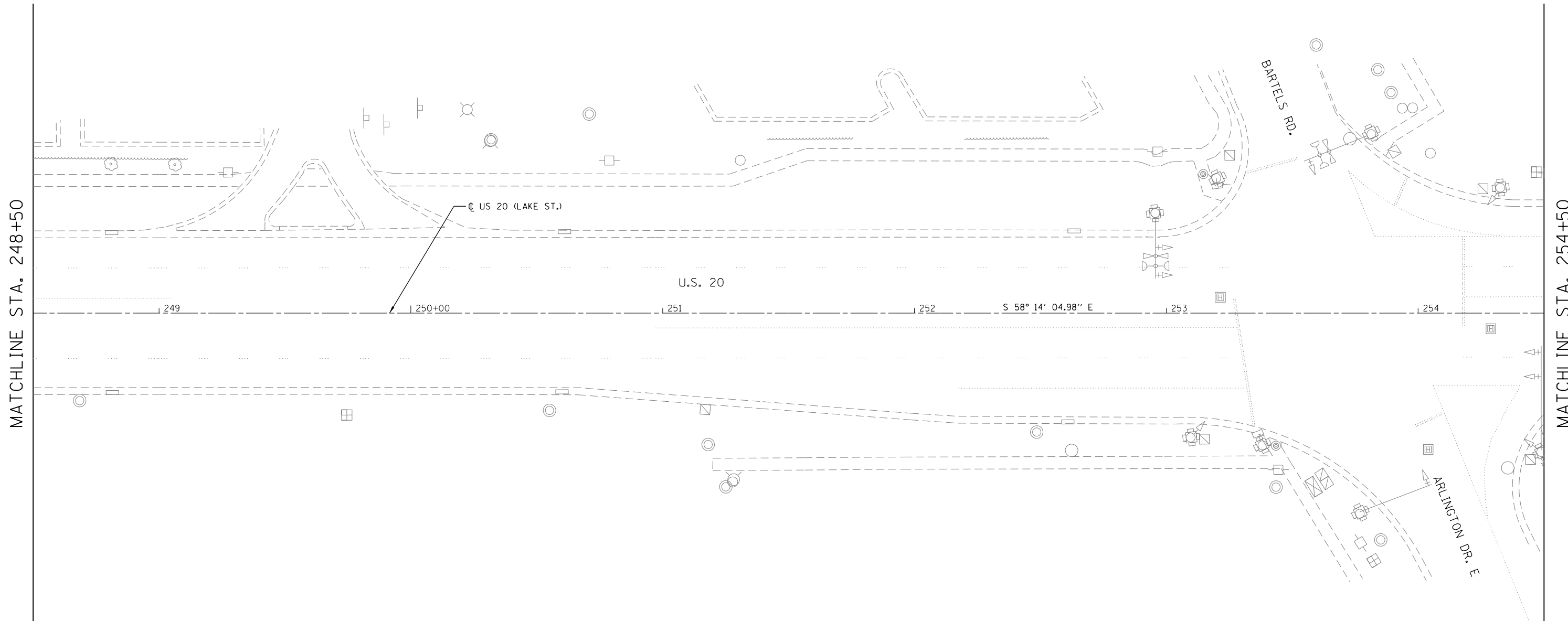
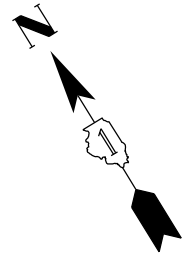
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
ALIGNMENT & TIES**

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 242+50 TO STA. 248+50



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	26
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



D:\cadd\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_AlignTie.dgn
 Ms. 2012\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_AlignTie.dgn

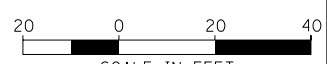


USER NAME = LindseyB	DESIGNED - DDL	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:50 PM	DATE -	REVISED -

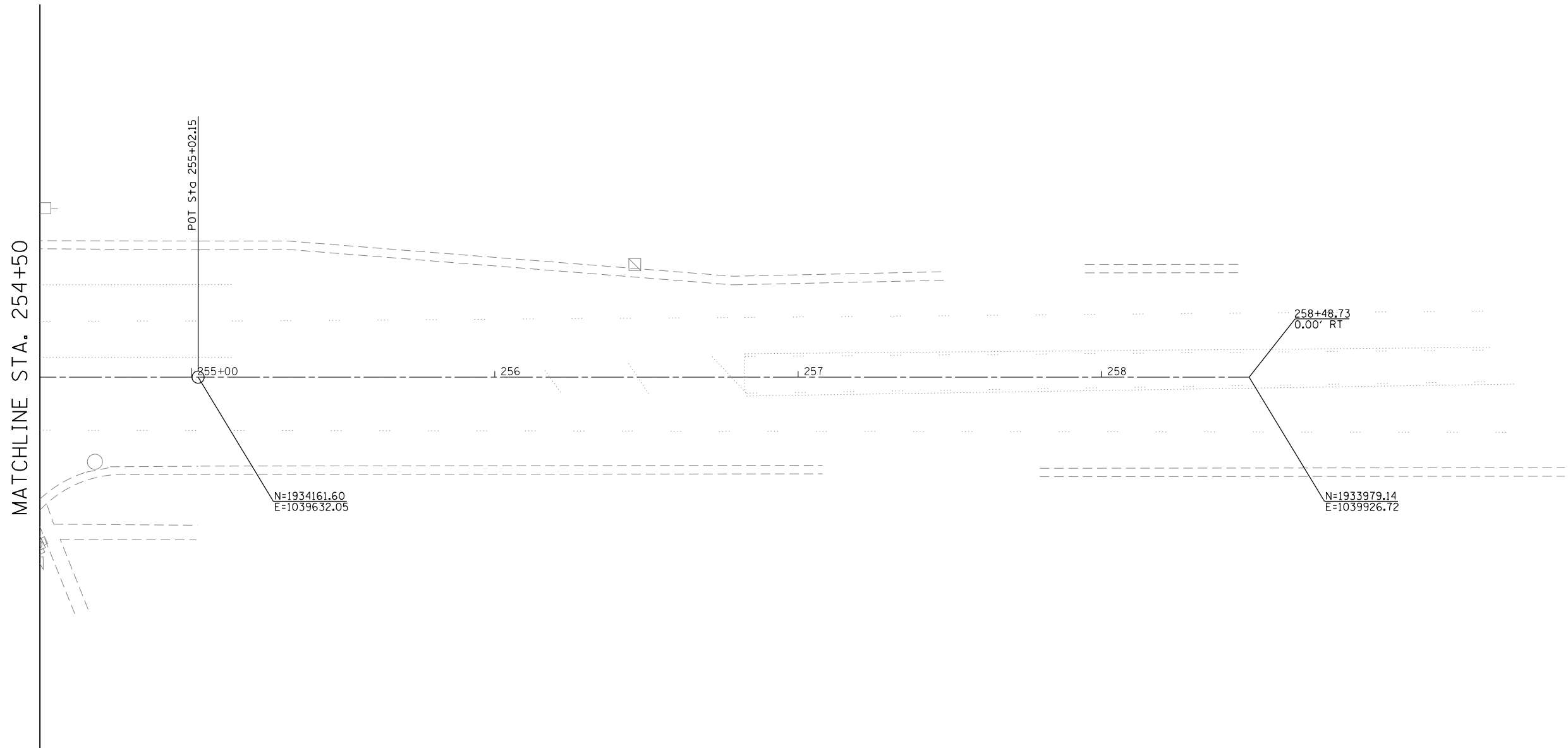
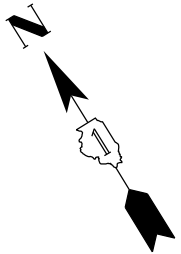
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
ALIGNMENT & TIES

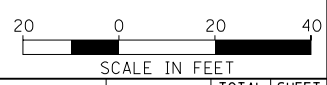
SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 248+50 TO STA. 254+50



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	27
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



Default: Ms.:2012\12-15\1-003a US 20 West Branch-Stage 2\Design\Transportation\CADD\Sheets\US20_AlignTie-16.dgn



USER NAME = LindseyB	DESIGNED - DDL	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:51 PM	DATE -	REVISED -

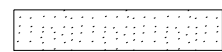

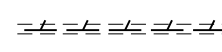

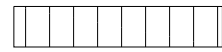
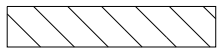
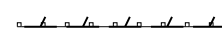

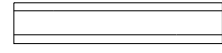
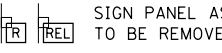
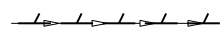





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

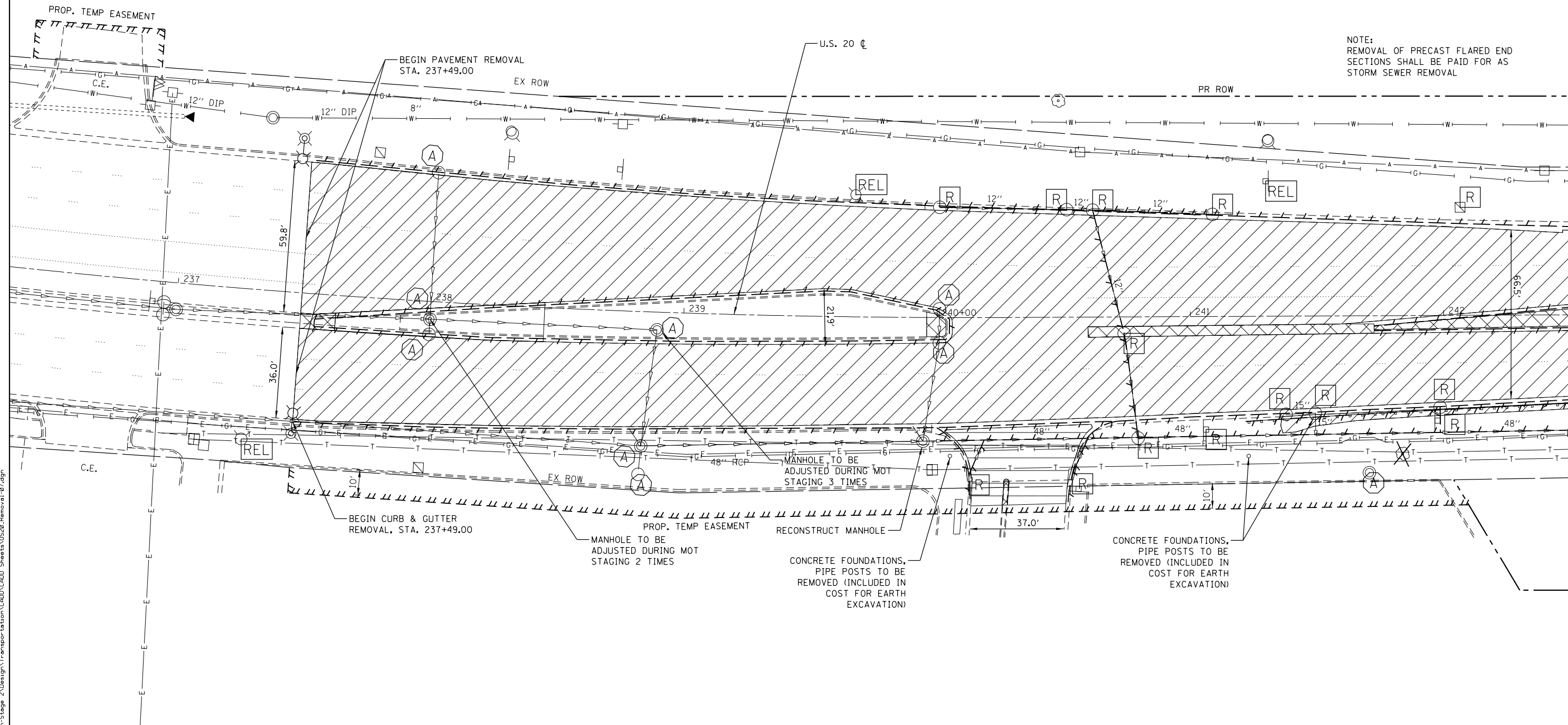
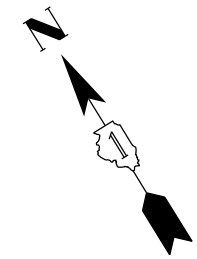
U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
ALIGNMENT & TIES

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 254+50 TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	28
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND

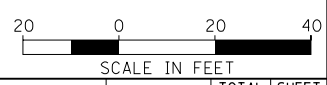
- | | | | | | | | |
|---|---|---|--|---|-------------------------------------|---|---|
|  | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH |  | PAVEMENT REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL |  | MANHOLE TO BE REMOVED OR ADJUSTED |
|  | SIDEWALK REMOVAL |  | HMA SURFACE REMOVAL |  | GUARDRAIL REMOVAL |  | HANDHOLE TO BE REMOVED |
|  | DRIVEWAY PAVEMENT REMOVAL |  | SIGN PANEL ASSEMBLY TO BE REMOVED OR RELOCATED |  | STORM SEWER REMOVAL |  | LIGHT POLE WITH LUMINAIRE TO BE RELOCATED |
|  | MEDIAN REMOVAL |  | CATCH BASIN OR INLET TO BE REMOVED |  | CATCH BASIN OR INLET TO BE ADJUSTED |  | TREE REMOVAL |



NOTE:
REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

MATCHLINE STA. 242+50

Default: Mo., 2012/12/15 4:00:30a US 20 West Branch Stage 2\Design\Transportation\CADD Sheets\US20_Removal_07.dgn



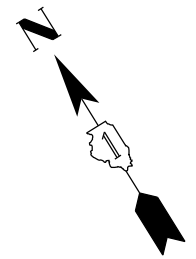
USER NAME = LindseyB	DESIGNED - AJN	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:53 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

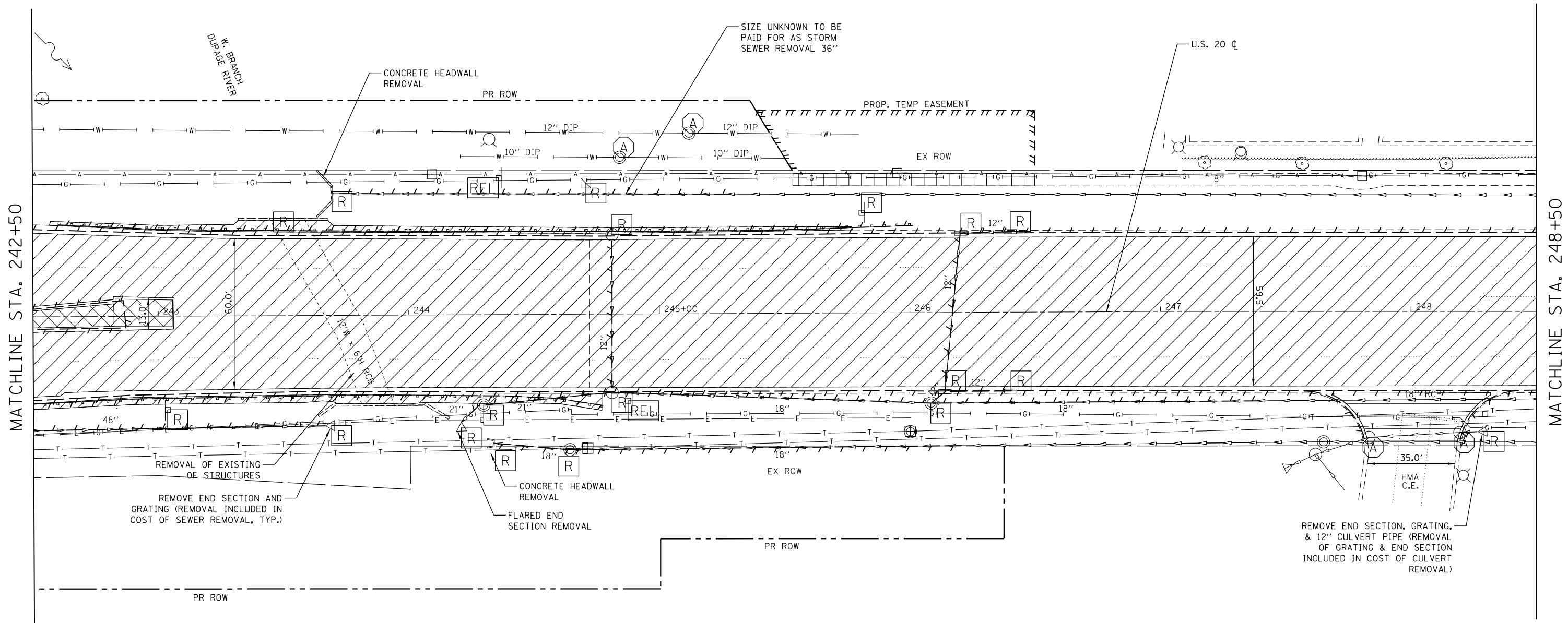
**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
REMOVAL PLAN**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 237+00 TO STA. 242+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	29
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



NOTE:
REMOVAL OF PRECAST FLARED END
SECTIONS SHALL BE PAID FOR AS
STORM SEWER REMOVAL



REMOVAL LEGEND

- | | | | | | | | |
|--|--|--|---|--|--|--|--|
| | HOT-MIX ASPHALT SURFACE
REMOVAL, VARIABLE DEPTH | | PAVEMENT REMOVAL | | COMBINATION CURB
AND GUTTER REMOVAL | | MANHOLE TO BE
REMOVED OR ADJUSTED |
| | SIDEWALK REMOVAL | | HMA SURFACE
REMOVAL | | GUARDRAIL REMOVAL | | HANDHOLE TO BE
REMOVED |
| | DRIVEWAY PAVEMENT
REMOVAL | | SIGN PANEL ASSEMBLY
TO BE REMOVED OR RELOCATED | | STORM SEWER REMOVAL | | LIGHT POLE WITH LUMINAIRE
TO BE RELOCATED |
| | MEDIAN REMOVAL | | CATCH BASIN OR INLET
TO BE REMOVED | | CATCH BASIN OR INLET
TO BE ADJUSTED | | TREE REMOVAL |



Default: Mo., 2012/12/15 15:48:03a US 20 West Branch Dupage River\Transportation\CADD\Sheets\US20_Removal_08.dgn



USER NAME = LindseyB	DESIGNED - AJN	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:15:54 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

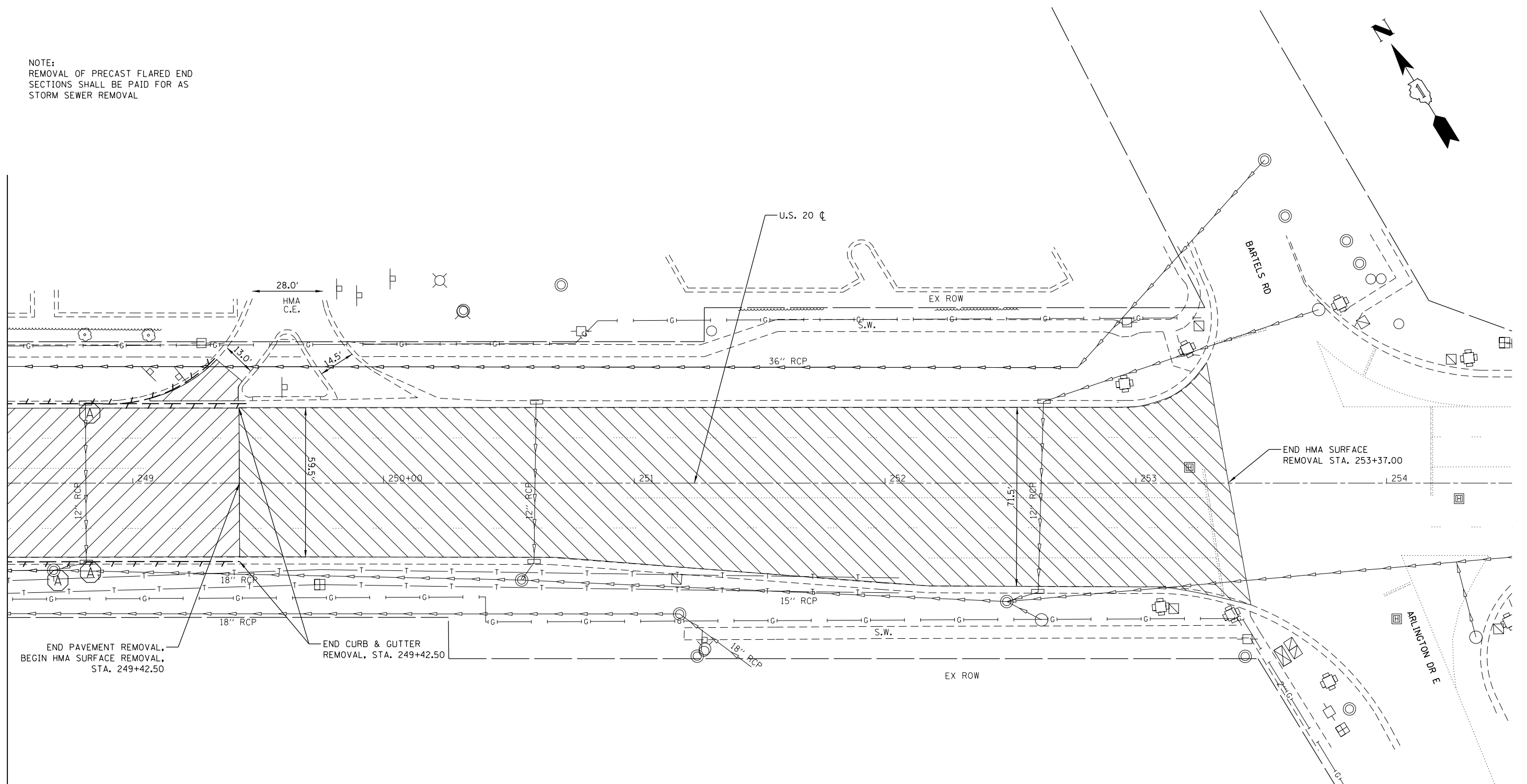
**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
REMOVAL PLAN**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 242+50 TO STA. 248+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	30
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	

NOTE:
REMOVAL OF PRECAST FLARED END
SECTIONS SHALL BE PAID FOR AS
STORM SEWER REMOVAL

MATCHLINE STA. 248+50



REMOVAL LEGEND

- | | | | | | | | |
|--|--|--|---|--|--|--|--|
| | HOT-MIX ASPHALT SURFACE
REMOVAL, VARIABLE DEPTH | | PAVEMENT REMOVAL | | COMBINATION CURB
AND GUTTER REMOVAL | | MANHOLE TO BE
REMOVED OR ADJUSTED |
| | SIDEWALK REMOVAL | | HMA SURFACE
REMOVAL | | GUARDRAIL REMOVAL | | HANDHOLE TO BE
REMOVED |
| | DRIVEWAY PAVEMENT
REMOVAL | | SIGN PANEL ASSEMBLY
TO BE REMOVED OR RELOCATED | | STORM SEWER REMOVAL | | LIGHT POLE WITH LUMINAIRE
TO BE RELOCATED |
| | MEDIAN REMOVAL | | CATCH BASIN OR INLET
TO BE REMOVED | | CATCH BASIN OR INLET
TO BE ADJUSTED | | TREE REMOVAL |



Default: Mo., 2012/12/15 4:00:30a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Removal.dgn



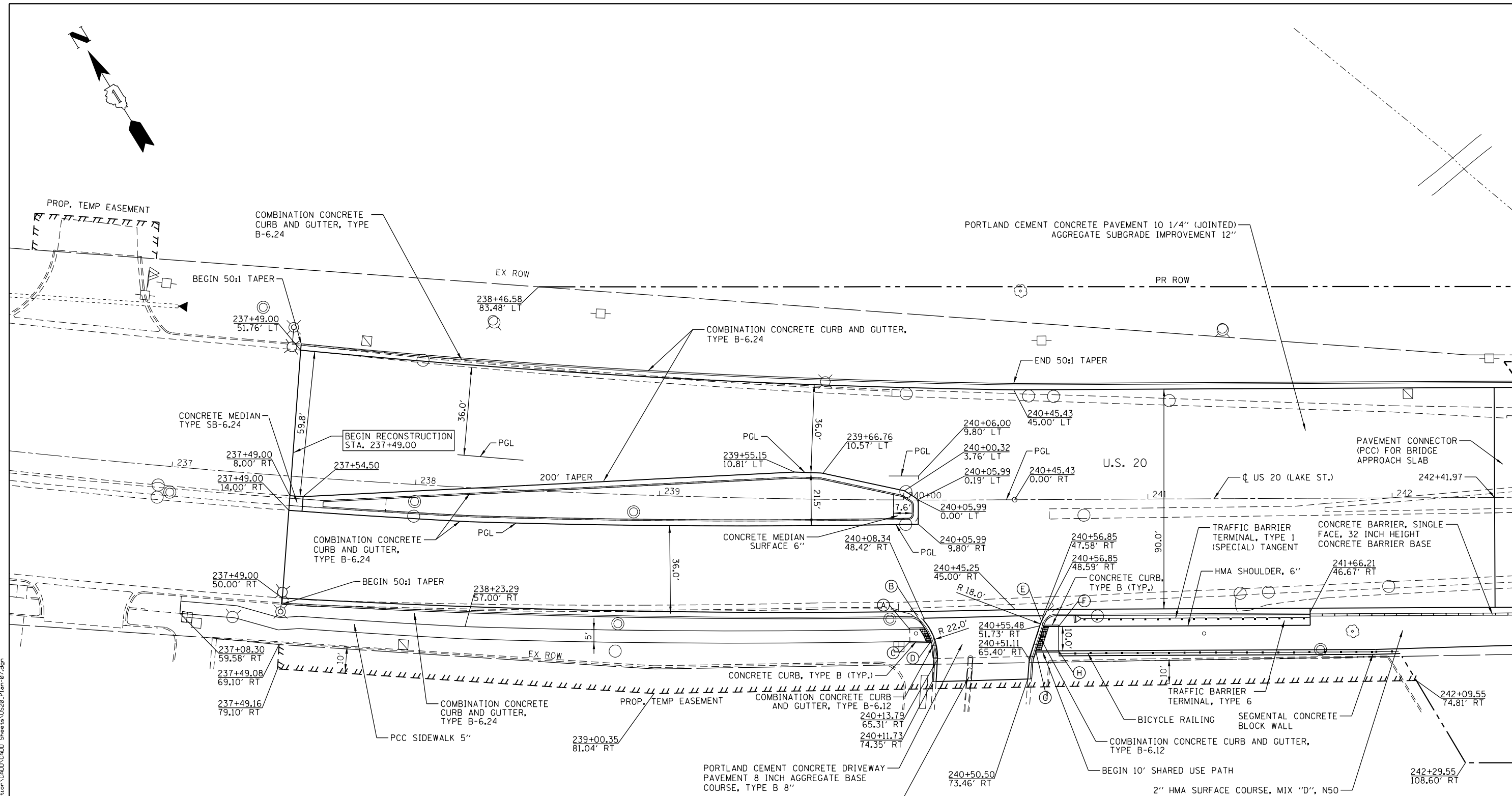
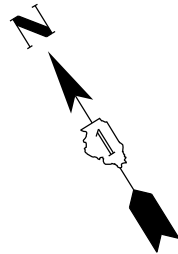
USER NAME = LindseyB	DESIGNED - AJN	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:15:55 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
REMOVAL PLAN**

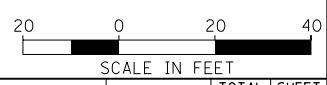
SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 248+50 TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	31
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 242+50

NOTE	STATION	OFFSET	LT/RT	ELEVATION
A	240+02.63	52.96'	RT	775.325
B	240+08.95	52.82'	RT	774.969
C	240+02.74	57.96'	RT	775.265
D	240+11.30	57.77'	RT	774.886
E	240+57.06	52.00'	RT	775.417
F	240+63.16	52.00'	RT	775.501
G	240+53.78	62.00'	RT	775.258
H	240+63.16	62.00'	RT	775.351



Default: Mo: 2012/12/15 15:48:03a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Plan-07.dgn



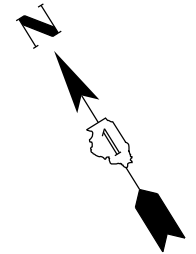
USER NAME = LindseyB	DESIGNED - AB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:56 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
PROPOSED PLAN**

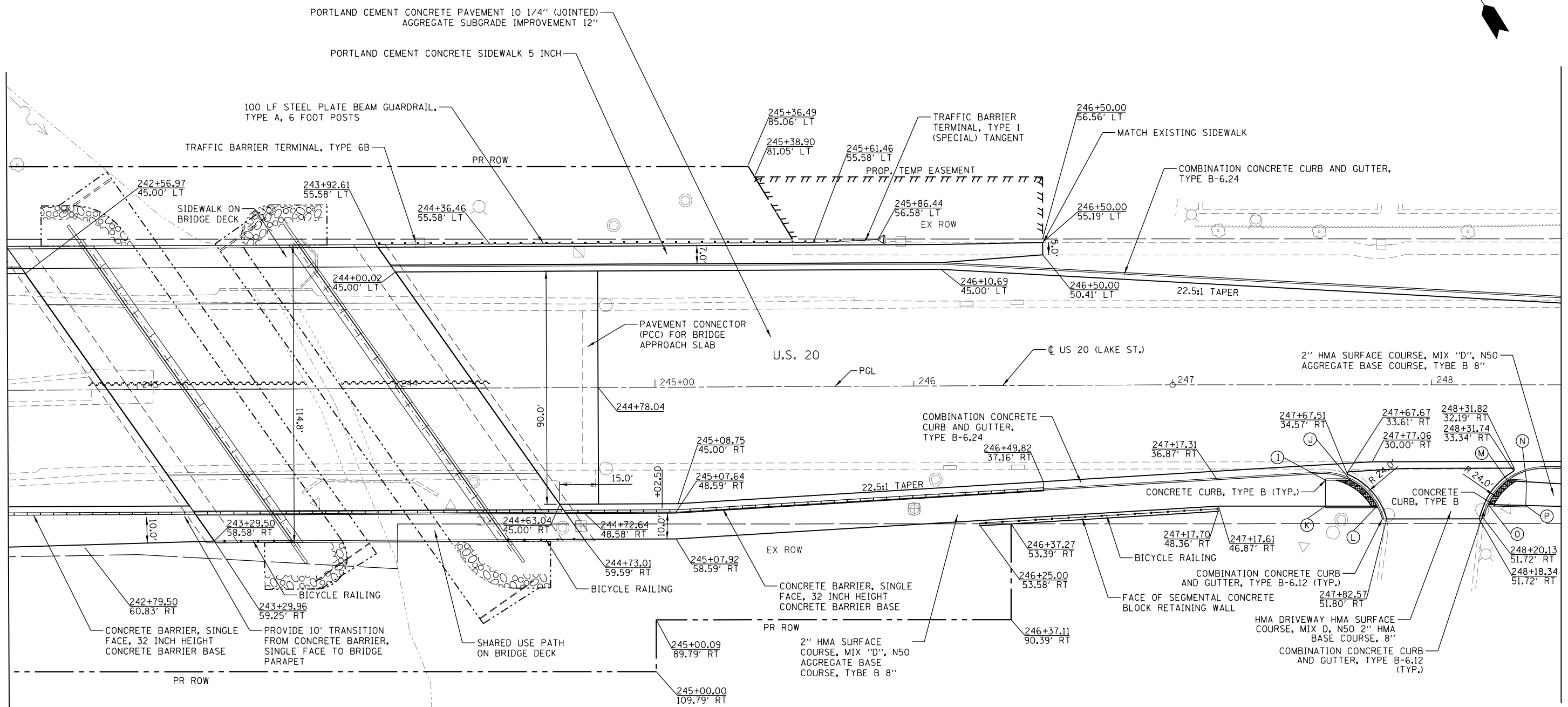
SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 237+00 TO STA. 242+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	32
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

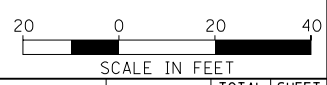


MATCHLINE STA. 242+50

MATCHLINE STA. 248+50



NOTE	STATION	OFFSET	LT/RT	ELEVATION
I	247+58.99	36.87'	RT	778.231
J	247+68.71	36.87'	RT	777.825
K	247+58.99	46.87'	RT	778.081
L	247+78.94	46.87'	RT	777.607
M	248+29.33	36.98'	RT	778.142
N	248+36.60	37.42'	RT	778.512
O	248+36.36	46.23'	RT	777.962
P	248+21.83	46.60'	RT	778.374



Default: Mo., 2012\12-15\4-003a US 20 West Branch Dupage River\Transportation\CADD\Sheets\US20_Plan-08.dgn



USER NAME = LindseyB
 PLOT SCALE = 1"=20'
 PLOT DATE = 10/20/2016 3:15:57 PM

DESIGNED - AB
 DRAWN - JPS
 CHECKED - DDL
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 PROPOSED PLAN**

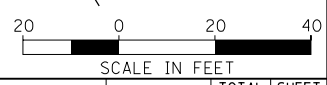
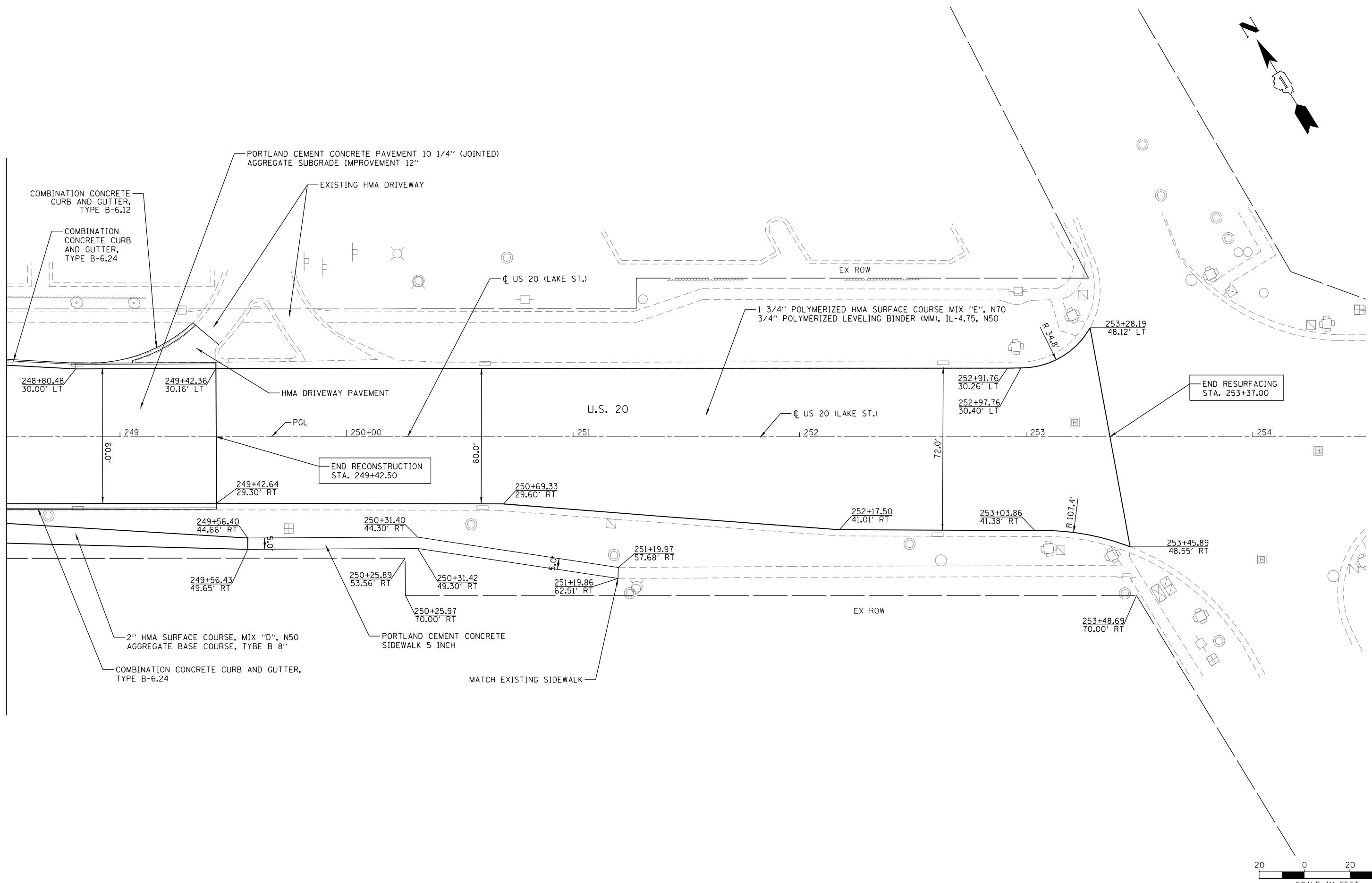
SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 242+50 TO STA. 248+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	33

CONTRACT NO. 62A60
 ILLINOIS FED. AID PROJECT

D:\2012\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Plan-09.dgn
 Mo. 2012\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Plan-09.dgn

MATCHLINE STA. 248+50

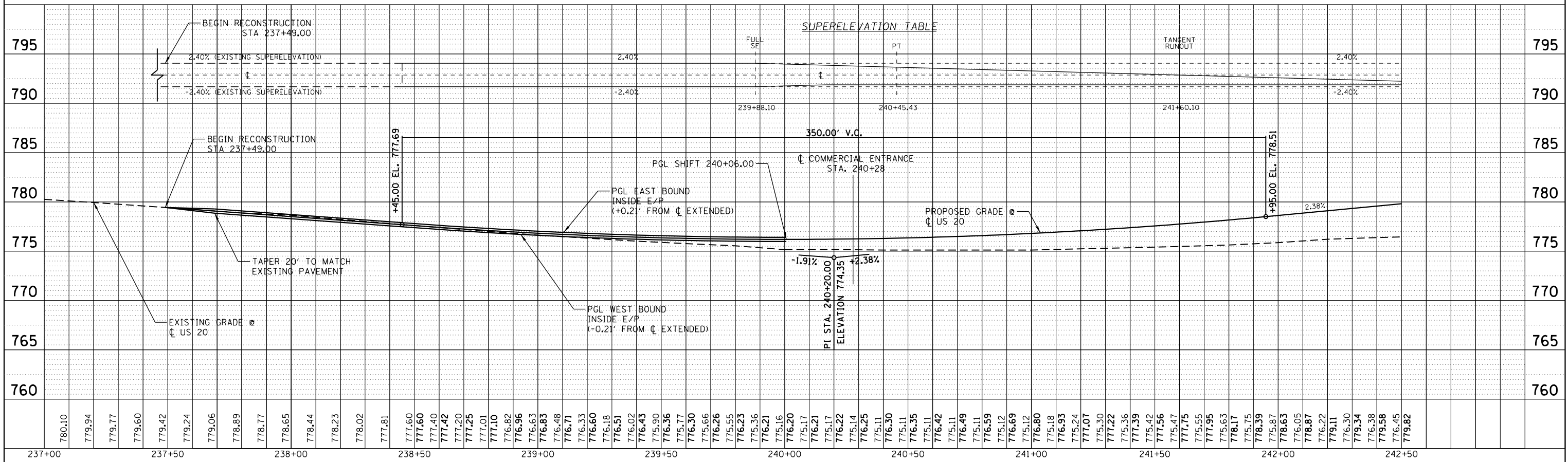
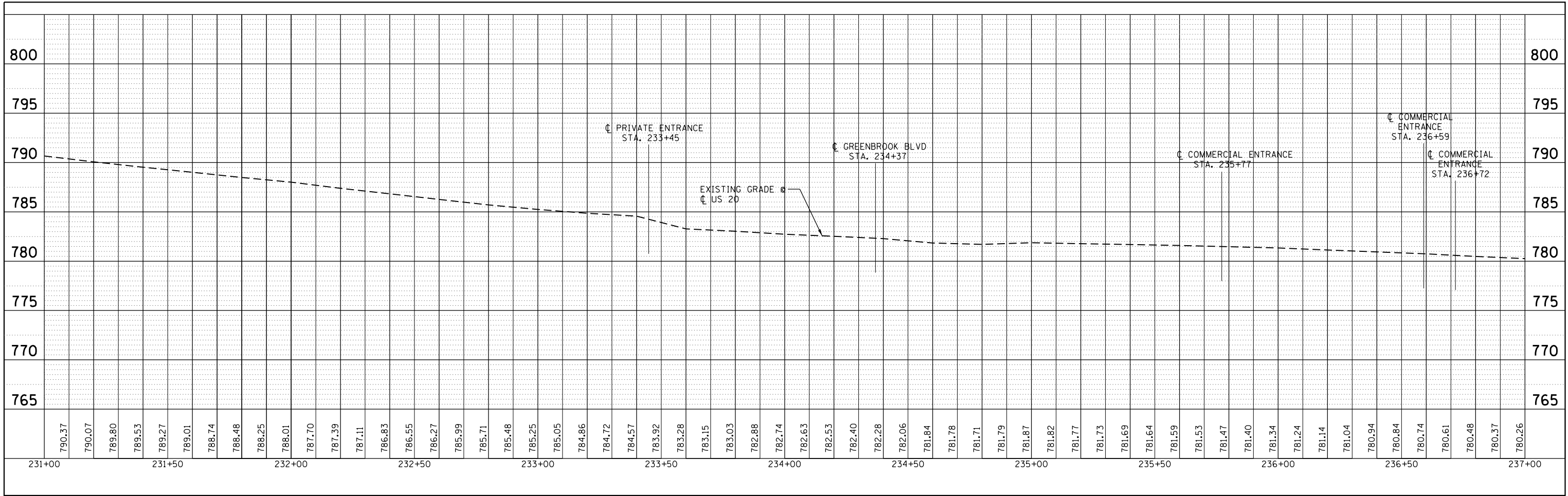


USER NAME = LindseyB	DESIGNED - AB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:15:58 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
PROPOSED PLAN
 SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 248+50 TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	34
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



M:\2012\12-15\4-083a US 20 West Branch\Stage 2\Design\Transportation\CADD\Sheet\US20_Profile-03.dgn



USER NAME = LindseyB	DESIGNED - DDL	REVISED -
DRAWN - JPS	REVISIONS -	
PLOT SCALE = 48.0000' / in.	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016	DATE - 10/20/2016	REVISED -

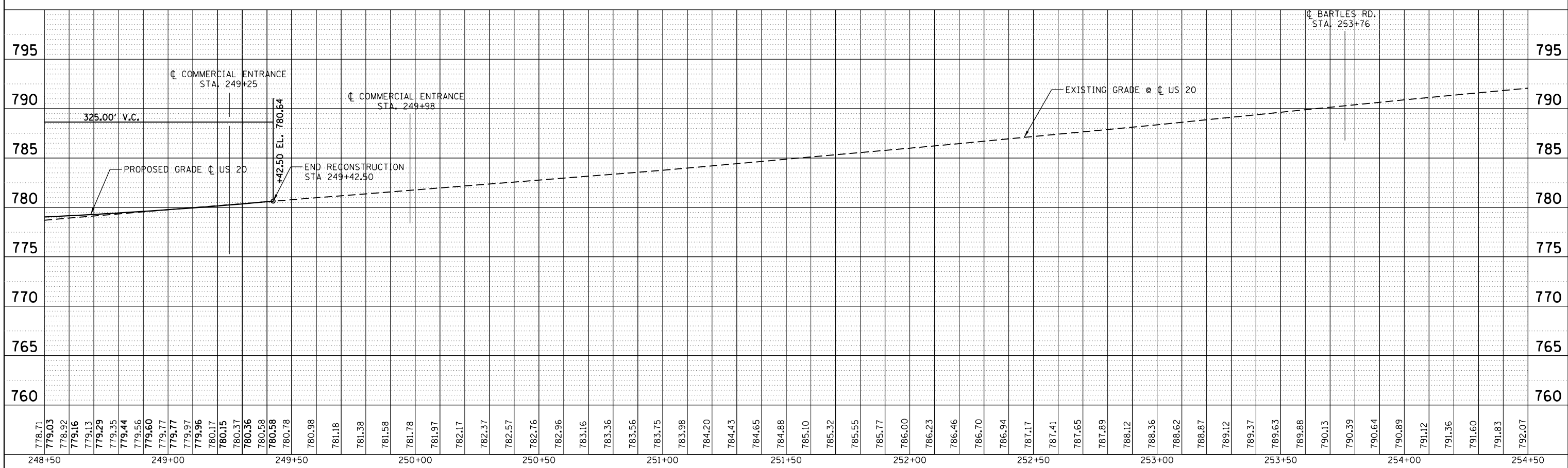
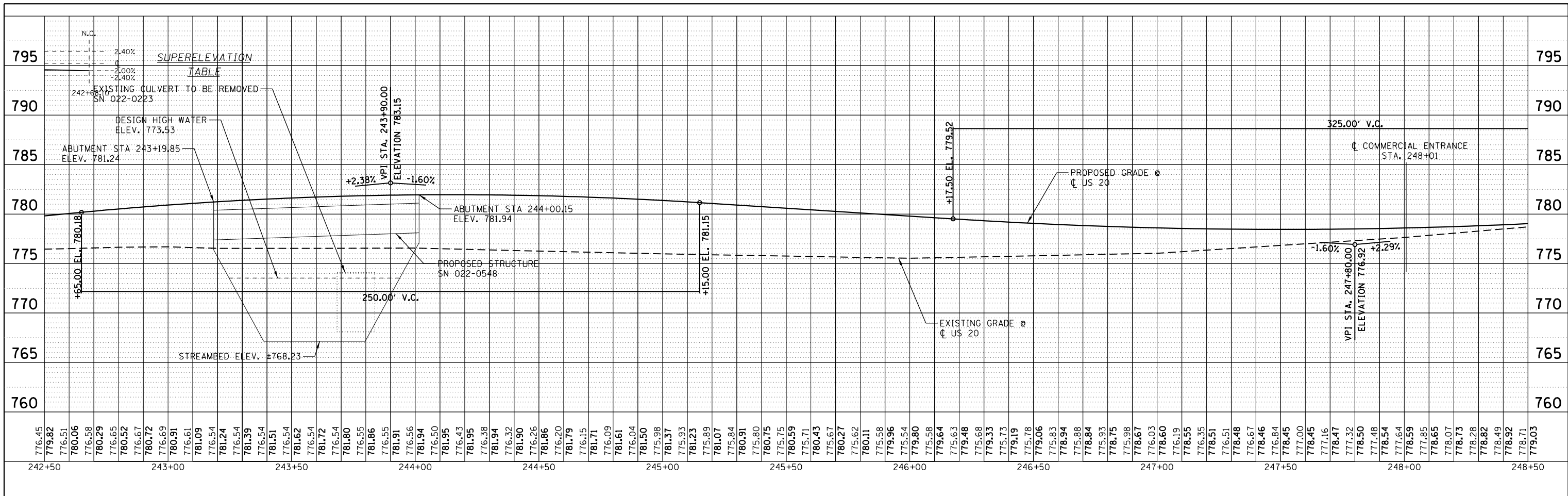
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
PROPOSED PROFILE**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 231+00 TO STA. 242+50

F.A. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 35
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	

M:\2012\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Profile-04.dgn



USER NAME = LindseyB	DESIGNED - DDL	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016	CHECKED - DDL	REVISED -
	DATE - 10/20/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
PROPOSED PROFILE**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 242+50 TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	36
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC - CONSTRUCTION AND TRAFFIC CONTROL NOTES

PRE-STAGE

CONSTRUCTION:

-REMOVE EXISTING MEDIAN CURB AND GUTTER AND CONCRETE MEDIAN BETWEEN STATION 237+55 AND STATION 240+09 AND STATION 240+58 AND STATION 243+17. CONSTRUCT TEMPORARY PAVEMENT WITHIN THE MEDIAN WHERE SHOWN.

TRAFFIC:

-US 20 EASTBOUND CONVERT FAR RIGHT LANE TO RIGHT TURN ONLY APPROACH TO GREENBROOK BOULEVARD. EAST OF GREENBROOK THE TWO INSIDE TRAFFIC LANES WILL BE SHIFTED TO THE FAR RIGHT EDGE OF PAVEMENT. SHORT TERM LANE CLOSURE OF THE INSIDE LANE WILL BE ALLOWED BETWEEN 9:00 AM AND 3:00 PM TO ALLOW FOR THE REMOVAL OF THE EXISTING MEDIAN.
 -US 20 WESTBOUND EXISTING TWO LANES WILL BE STRIPED TO FOLLOW THE RIGHT EDGE OF PAVEMENT. SHORT TERM LANE CLOSURE OF THE INSIDE LANE WILL BE ALLOWED BETWEEN 9:00 AM AND 3:00 PM TO ALLOW FOR THE REMOVAL OF THE EXISTING MEDIAN. TRAFFIC STANDARD 701602-07, URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE WILL BE UTILIZED IN THE PRESTAGE FOR LANE CLOSURE.

STAGE 1

CONSTRUCTION:

-REMOVE EXISTING PAVEMENT ON SOUTH SIDE OF ROADWAY BETWEEN LIMITS OF RECONSTRUCTION.
 -CONSTRUCT PROPOSED STORM SEWER ON SOUTH SIDE OF ROADWAY.
 -CONSTRUCT PERMANENT CURB AND GUTTER ON SOUTH SIDE OF ROADWAY WHERE NOT IN CONFLICT WITH TEMPORARY PAVEMENT FOR STAGE 2.
 -CONSTRUCT PERMANENT PAVEMENT ON SOUTH SIDE OF ROADWAY.
 -CONSTRUCT SOUTH SIDE OF BRIDGE.
 -CONSTRUCT TEMPORARY PAVEMENT ON SOUTH SIDE OF NEW PAVEMENT.
 -ALL TEMPORARY CONCRETE BARRIER SHOWN SHALL BE PINNED ACCORDING TO IDOT SAFETY ENGINEERING POLICY MEMO 4-15.

TRAFFIC:

-US 20 EASTBOUND CONVERT MIDDLE LANE TO RIGHT TURN ONLY ON APPROACH TO GREENBROOK BOULEVARD LEAVING ONE THROUGH LANE ON THE FAR LEFT LANE. EAST OF GREENBROOK THE FAR LEFT LANE WILL TAPER ONTO THE INSIDE WESTBOUND LANE. DRIVEWAY AT STATION 240+30 TO BE CLOSED FOR A SHORT DURATION TO ALLOW FOR PAVEMENT REMOVAL AND NEW PAVEMENT CONSTRUCTION. ACCESS TO DRIVEWAY AT STATION 248+00 TO BE MAINTAINED AT ALL TIMES.
 -US 20 WESTBOUND TAPER FROM TWO LANES TO ONE LANE IN ADVANCE OF BARTELS ROAD. FAR RIGHT LANE TO CONTINUE THROUGH CONSTRUCTION ZONE, OPENING UP TO ALL LANES PRIOR TO GREENBROOK BOULEVARD.

STAGE 1A

CONSTRUCTION:

-CONSTRUCT PERMANENT PAVEMENT IN WESTBOUND INSIDE LANES AND ANY REMAINING TEMPORARY PAVEMENT IN MEDIAN EAST OF GREENBROOK BOULEVARD TO TRANSITION FROM NEW SOUTH SIDE PAVEMENT TO EXISTING NORTH SIDE PAVEMENT. CONSTRUCT PERMANENT PAVEMENT WITHIN MEDIAN BETWEEN STATION 248+00 AND 249+42.5.

TRAFFIC:

-US 20 EASTBOUND UTILIZE STAGE 2 TRAFFIC CONFIGURATION. INSIDE LANE WEST OF GREENBROOK TO BE CONVERTED BACK TO A THROUGH LANE. THE TWO THROUGH LANES EAST OF GREENBROOK TO SHIFT TO THE SOUTH SIDE OF THE PERMANENT ROADWAY AND TEMPORARY PAVEMENT.
 -US 20 WESTBOUND CONTINUE TO UTILIZE STAGE 1 TRAFFIC CONFIGURATION.

STAGE 2

CONSTRUCTION:

-REMOVE EXISTING PAVEMENT WITHIN RECONSTRUCTION LIMITS ON NORTH SIDE OF ROADWAY.
 -CONSTRUCT PROPOSED STORM SEWER ON NORTH SIDE OF ROADWAY.
 -CONSTRUCT PERMANENT CURB AND GUTTER, GUARDRAIL AND SIDEWALK ON NORTH SIDE OF ROADWAY.
 -CONSTRUCT PERMANENT PAVEMENT ON NORTH SIDE OF ROADWAY.
 -CONSTRUCT NORTH SIDE OF BRIDGE.
 -TEMPORARY CONCRETE BARRIER FROM STA. 242+25 RT TO 247+50 RT & STA. 240+00 LT TO 249+00 LT, EXCLUSIVE OF THAT ALONG THE NEW BRIDGE, SHALL BE PINNED ACCORDING TO IDOT SAFETY ENGINEERING POLICY MEMO 4-15.

TRAFFIC:

-US 20 EASTBOUND CONTINUE TO UTILIZE STAGE 1A TRAFFIC CONFIGURATION.
 -US 20 WESTBOUND OPEN TRAFFIC TO TWO THROUGH LANES. WEST OF BARTELS ROAD, SHIFT TRAFFIC ONTO THE SOUTH SIDE OF THE NEW ROADWAY. CLOSE RIGHT-OUT DRIVEWAY AT STATION 249+00. SHIFT TRAFFIC BACK TO EXISTING PAVEMENT EAST OF GREENBROOK BOULEVARD.

STAGE 3

CONSTRUCTION:

-REMOVE TEMPORARY PAVEMENT ON SOUTH SIDE OF ROAD.
 -COMPLETE CURB AND GUTTER.
 -INSTALL PERMANENT SINGLE FACE BARRIER AND GUARDRAIL ON SOUTH SIDE OF TRAFFIC LANES ON BRIDGE AND AT BRIDGE APPROACHES.
 -INSTALL BIKE PATH ON SOUTH SIDE OF ROADWAY.

TRAFFIC:

-US 20 EASTBOUND SHIFT TWO INSIDE LANES TO NORTH SIDE OF ROADWAY EAST OF GREENBROOK BOULEVARD. SHIFT TRAFFIC LANES BACK WEST OF BARTELS ROAD.
 -US 20 WESTBOUND MAINTAIN TWO THROUGH LANES ALONG RIGHT EDGE OF PAVEMENT.

STAGE 3A

CONSTRUCTION:

-COMPLETE INSTALLATION OF MEDIAN CURB AND GUTTER BETWEEN STATION 237+55 AND 240+00.

TRAFFIC:

-US 20 EASTBOUND SHIFT TRAFFIC ONTO PERMANENT LANES. USE STANDARD 701601 TO CLOSE INSIDE THROUGH LANE TO ALLOW FOR CONSTRUCTION OF MEDIAN CURB AND GUTTER.
 -US 20 WESTBOUND MAINTAIN TRAFFIC CONFIGURATION FROM STAGE 3. TRAFFIC STANDARD 701602-07, URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE WILL BE UTILIZED IN STAGE 3A FOR LANE CLOSURE.

MOT GENERAL NOTES

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 FOR EXPRESSWAYS AND 847-705-4470 FOR ARTERIALS, A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

ALL COMMERCIAL ENTRANCES AND DRIVEWAYS WITHIN THE WORK ZONE SHALL BE SIGNED ACCORDING TO DISTRICT 1 STANDARD TC-26.

"CAUTION NEW LANES OPEN STOP HERE" SIGN SHALL BE PLACED ON THE NEAR OF EACH SIDE ROAD AND COMMERCIAL DRIVEWAY AFTER EACH STAGE CHANGE THAT MOVES MAINLINE TRAFFIC CLOSER TO THAT SIDE OF THE ROADWAY. THE SIGN IS PAID FOR AS TEMPORARY INFORMATION SIGNING.

D:\cadd\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-GenNotes.dgn



USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:03 PM	DATE -	REVISED -

DRAWN - JPS	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - GENERAL NOTES**

SCALE: NTS SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	37
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	PRE SATGE	STAGE I	STAGE II	STAGE III	TOTAL QUANTITY
64301090	ATTENUATOR BASE	SQ YD			14		14
70106800	CHANGEABLE MESSAGE SIGN	CAL MO					12
70300100	SHORT TERM PAVEMENT MARKING	FOOT				179	179
70400100	TEMPORARY CONCRETE BARRIER	FOOT		702	978		1680
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT			702	500	1202
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH		2			2
70600341	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH			2	1	3
X1200044	TEMPORARY STORM SEWER 12"	FOOT		130			130
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH					2
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	161	239			399
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	1747	6044	6789	5938	20518
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	434	461	407	56	1358
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT		32	49		81
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT					156
Z0062456	TEMPORARY PAVEMENT	SQ YD	440	1026			1466
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	110	175	185	323	793
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	147	106	5		258

Defaul1
 Mo., 2012/12/12 15:48:03 US 20 West Branch Stage 2\Design\Transportation\CADD\Sheet\US20_500-16.dgn



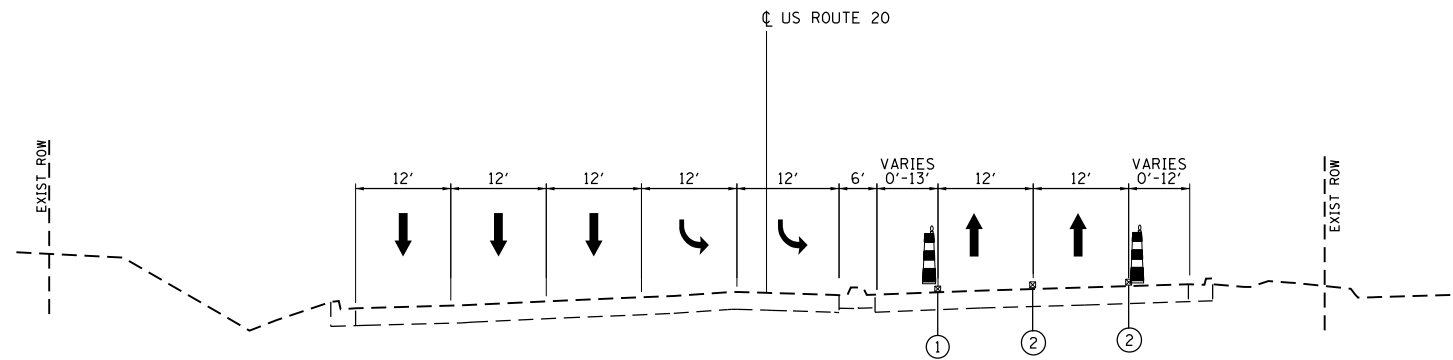
USER NAME = LindseyB	DESIGNED - AJN	REVISED -
	DRAWN - AJN	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:04 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

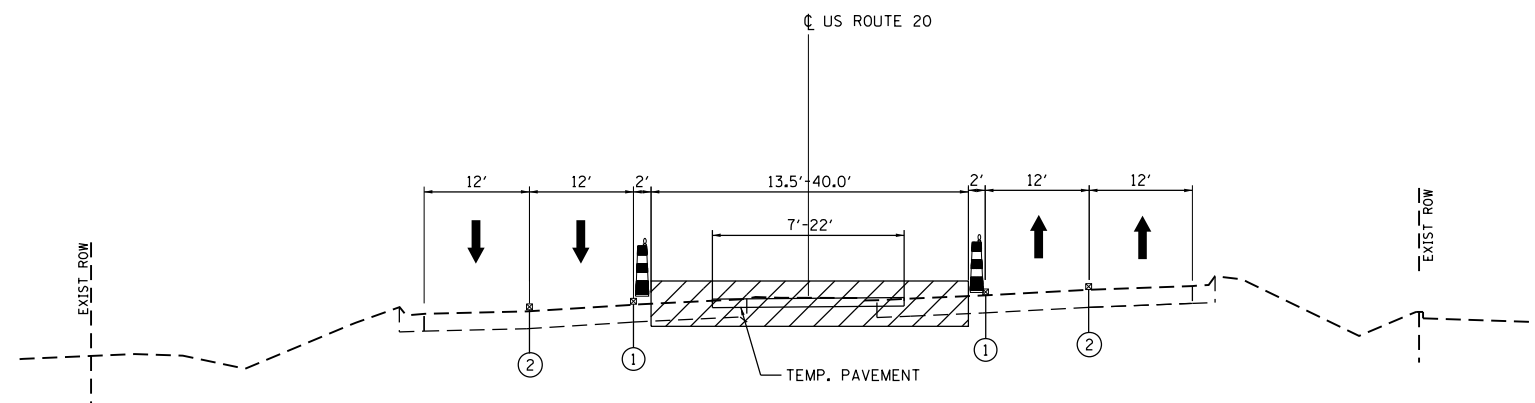
U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MOT SUMMARY OF QUANTITIES

SCALE: NTS SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62A60	



MOT PRESTAGE TYPICAL SECTION
 US ROUTE 20 (LAKE ST)
 FACING EAST
 STA. 234+93 TO STA. 237+54



MOT PRESTAGE TYPICAL SECTION
 US ROUTE 20 (LAKE ST)
 FACING EAST
 STA. 237+54 TO STA. 243+17

-  WORK ZONE
-  DIRECTION OF PROPOSED TRAFFIC FLOW
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHT @ 50' CENTERS (20' CENTERS ALONG TAPERS AND CURVES)
-  TEMPORARY CONCRETE BARRIER
- ① WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (YELLOW SOLID)
- ② WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (WHITE SOLID, DASHED, OR DOTTED)
- ③ PAVEMENT MARKING TAPE, TYPE III 4" DOUBLE YELLOW SOLID

D:\c\115\2012\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheet\US20_MOT_Prestage-01.dgn
 Mo. 2012/12/15 4:00:30 PM



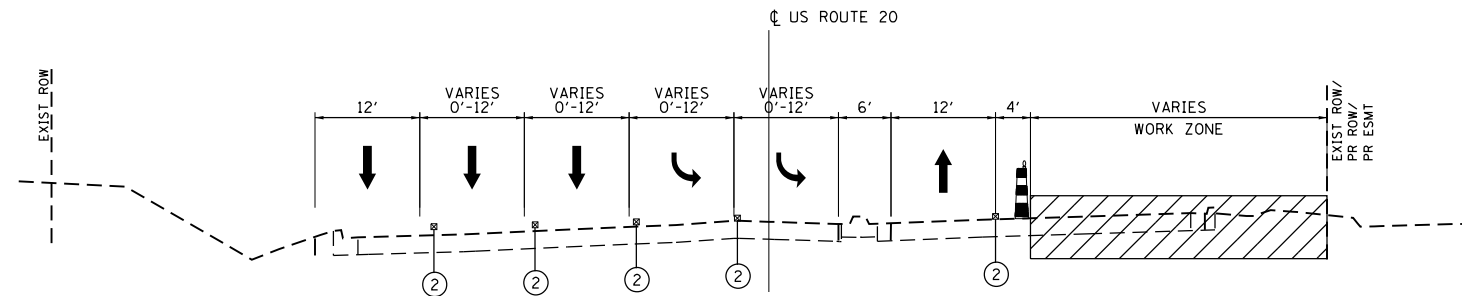
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:06 PM	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

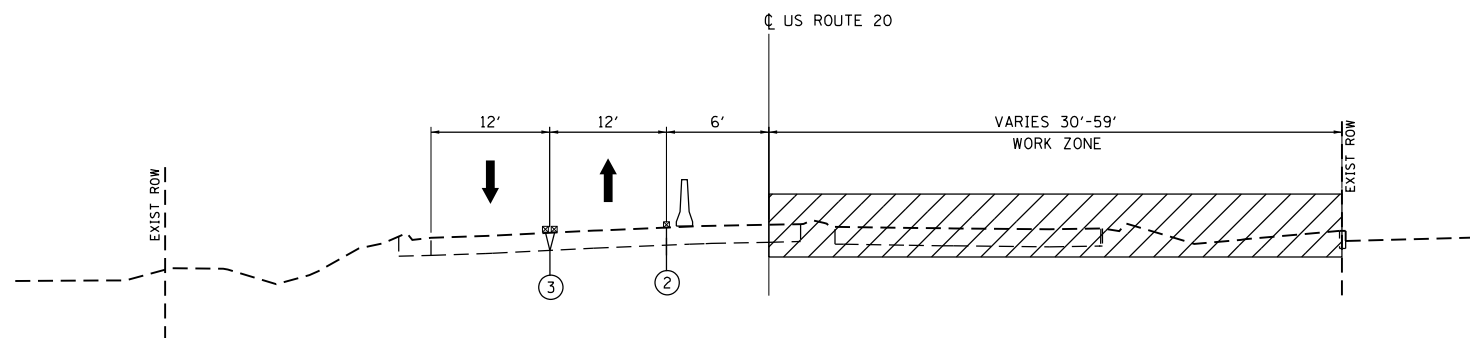
U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 4 SHEETS STA. N/A TO STA. N/A

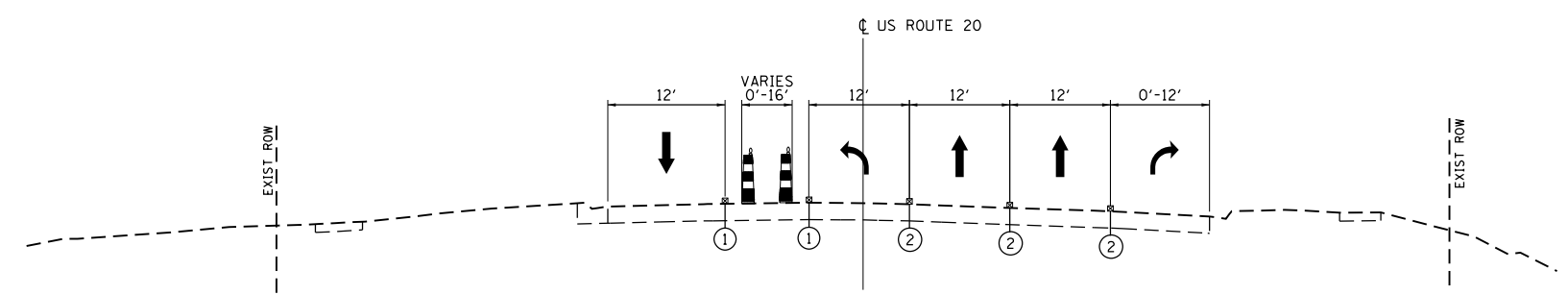
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	39
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				







MOT STAGE 1 TYPICAL SECTION
US ROUTE 20 (LAKE ST)
FACING EAST
STA. 234+97 TO STA. 242+50



MOT STAGE 1 TYPICAL SECTION
US ROUTE 20 (LAKE ST)
FACING EAST
STA. 242+50 TO STA. 248+18



MOT STAGE 1 TYPICAL SECTION
US ROUTE 20 (LAKE ST)
FACING EAST
STA. 248+18 TO STA. 253+37

-  WORK ZONE
-  DIRECTION OF PROPOSED TRAFFIC FLOW
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHT @ 50' CENTERS (20' CENTERS ALONG TAPERS AND CURVES)
-  TEMPORARY CONCRETE BARRIER
- ① WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (YELLOW SOLID)
- ② WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (WHITE SOLID, DASHED, OR DOTTED)
- ③ PAVEMENT MARKING TAPE, TYPE III 4" DOUBLE YELLOW SOLID

D:\cadd\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheet\US20_MOT-SITup-01.dgn
 Mo. 2012/12/15 4:00:30 PM



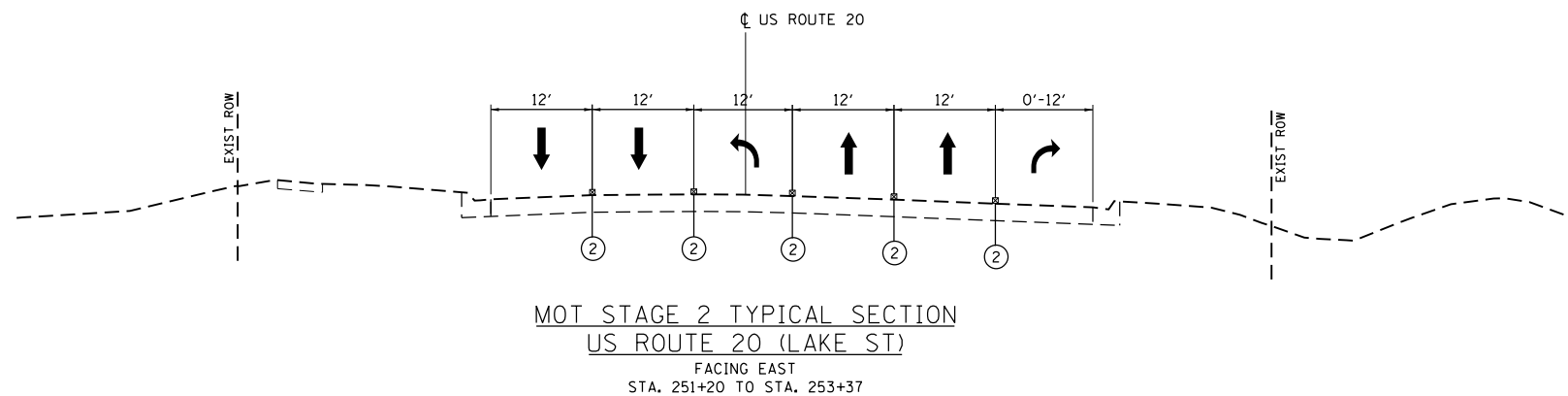
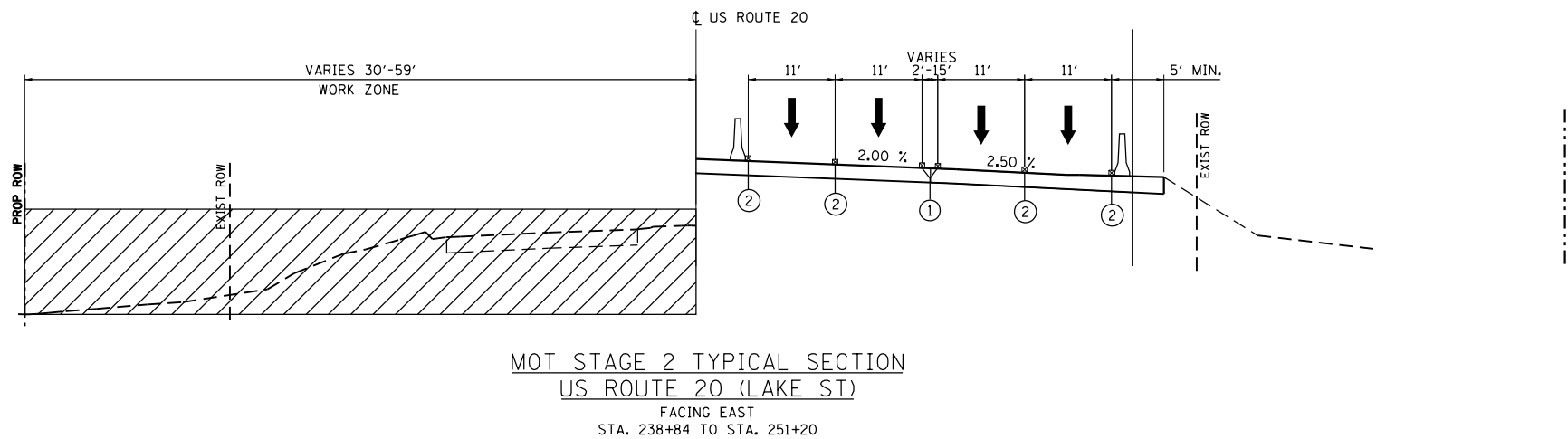
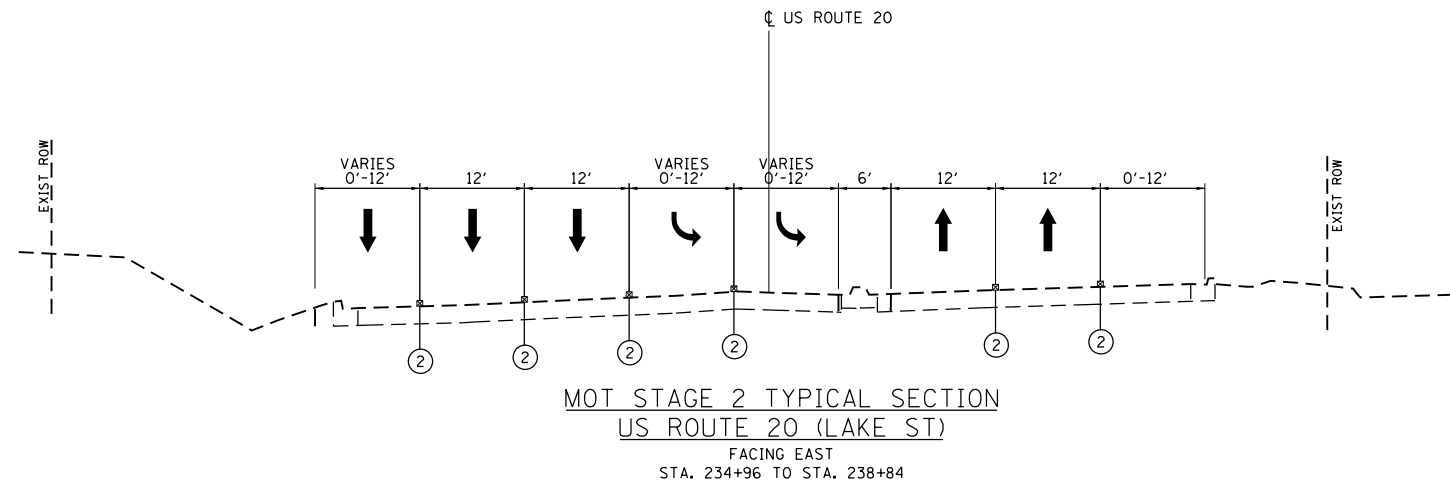
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:07 PM	DATE -	REVISED -





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS

SCALE: NTS SHEET 2 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	40
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



-  WORK ZONE
-  DIRECTION OF PROPOSED TRAFFIC FLOW
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHT @ 50' CENTERS (20' CENTERS ALONG TAPERS AND CURVES)
-  TEMPORARY CONCRETE BARRIER
- ① WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (YELLOW SOLID)
- ② WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (WHITE SOLID, DASHED, OR DOTTED)
- ③ PAVEMENT MARKING TAPE, TYPE III 4" DOUBLE YELLOW SOLID

D:\cadd\2012\12-15\4-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-S2T_up-01.dgn
 Mo. 2012.12.15.4-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-S2T_up-01.dgn



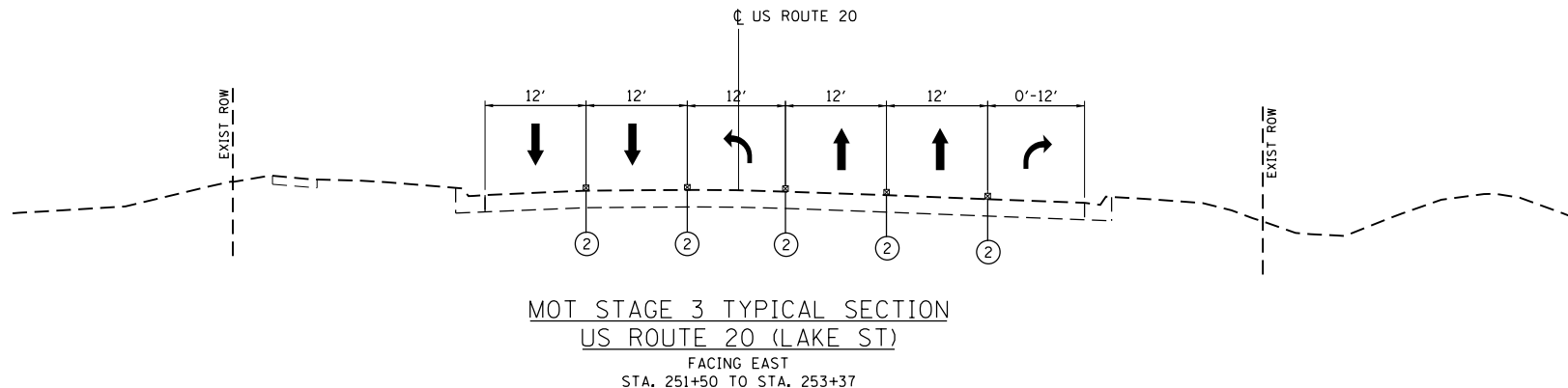
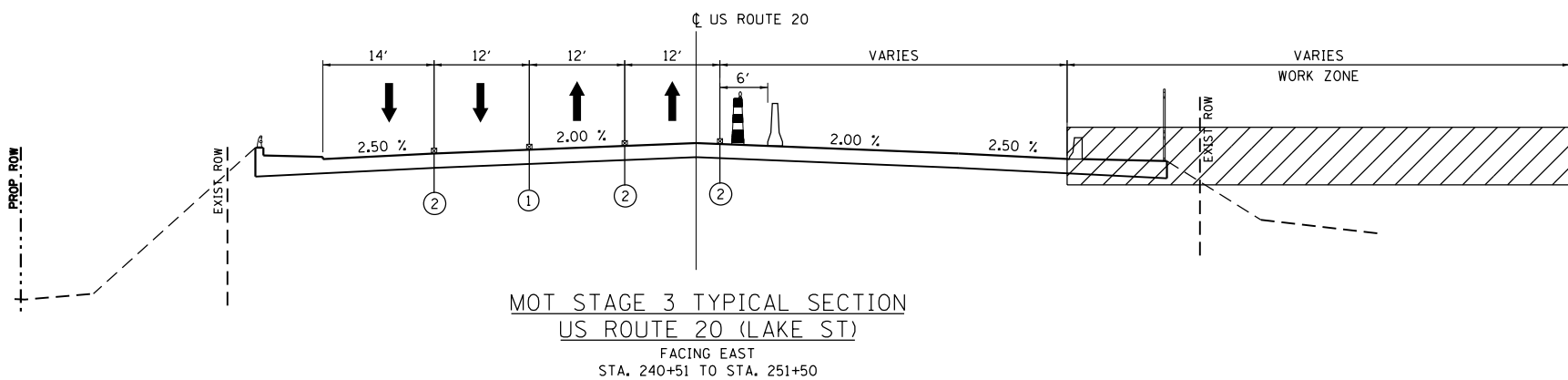
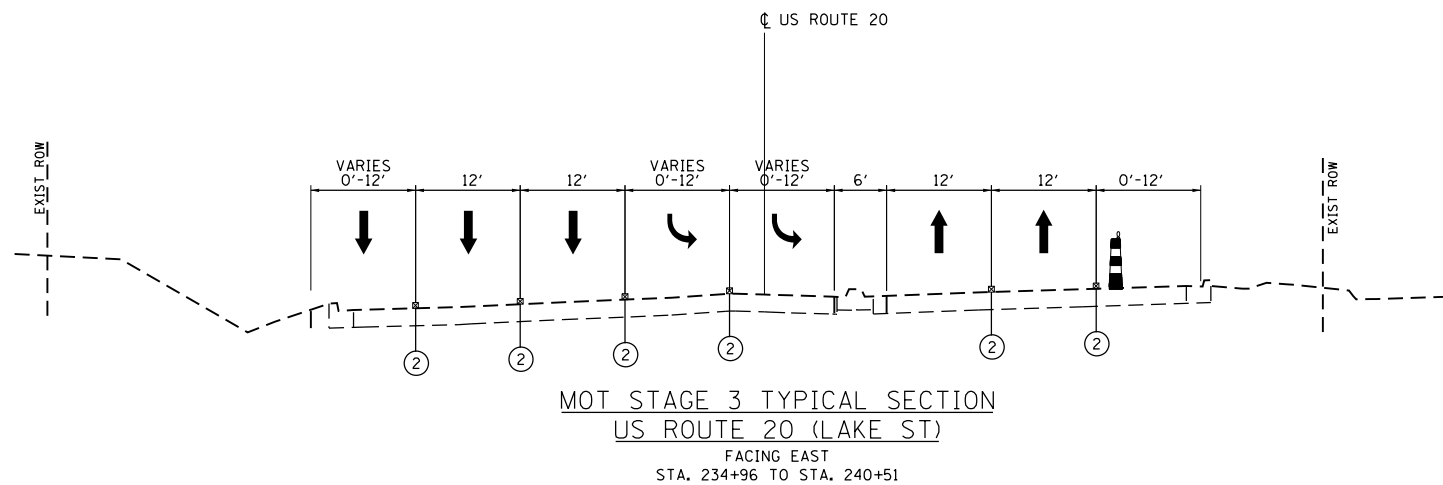
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:08 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS

SCALE: NTS SHEET 3 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	41
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



- WORK ZONE
- DIRECTION OF PROPOSED TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHT @ 50' CENTERS (20' CENTERS ALONG TAPERS AND CURVES)
- TEMPORARY CONCRETE BARRIER
- ① WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (YELLOW SOLID)
- ② WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (WHITE SOLID, DASHED, OR DOTTED)
- ③ PAVEMENT MARKING TAPE, TYPE III 4" DOUBLE YELLOW SOLID

Default: Ms... 2012\12-15-14-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-S3T.dgn



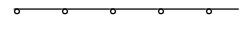



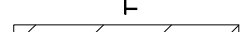
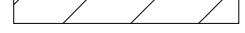

USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = NTS	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:09 PM	DATE -	REVISED -

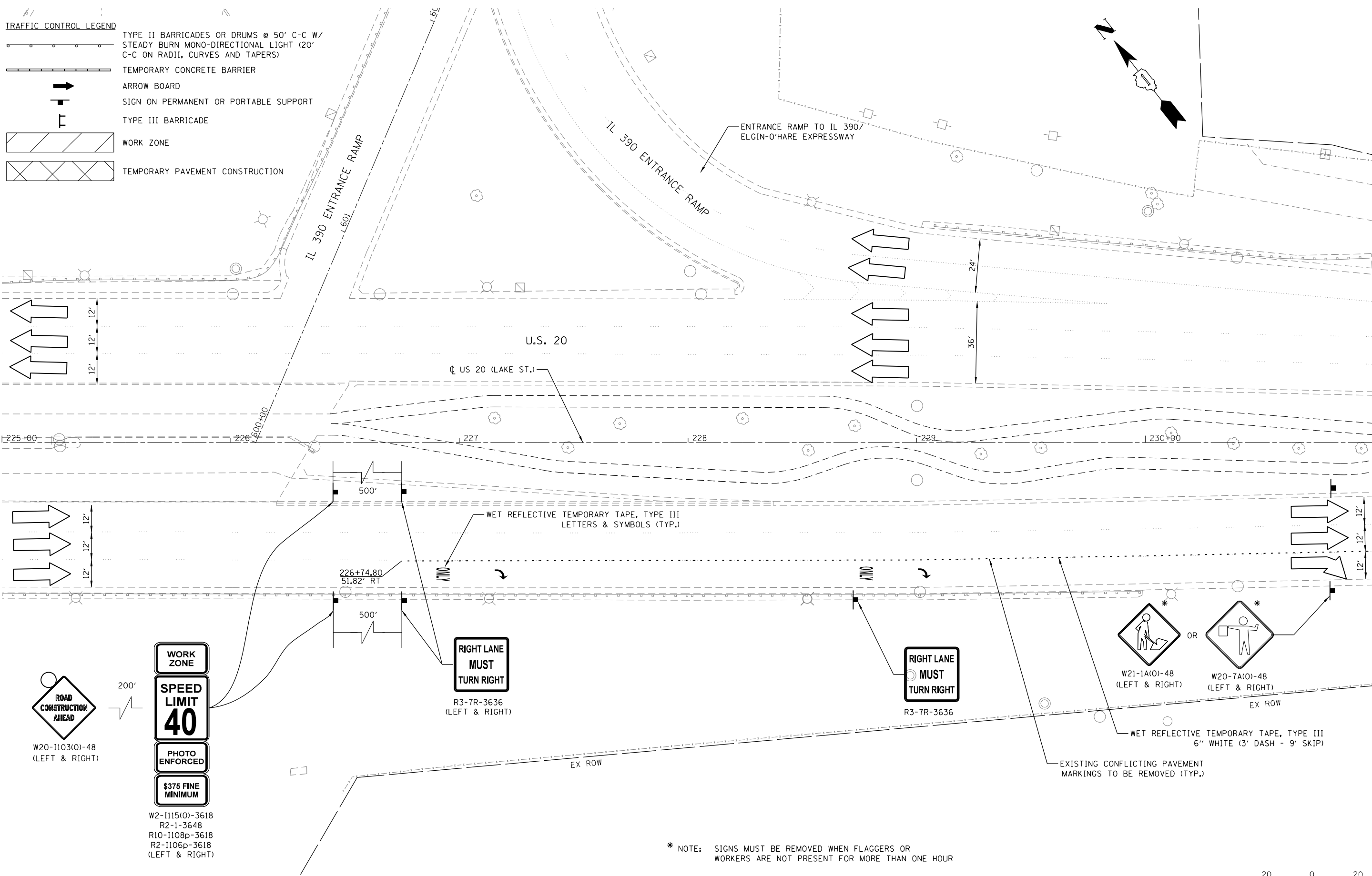
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS			
SCALE: NTS	SHEET 4	OF 4 SHEETS	STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	42
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL LEGEND

-  TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
-  TEMPORARY CONCRETE BARRIER
-  ARROW BOARD
-  SIGN ON PERMANENT OR PORTABLE SUPPORT
-  TYPE III BARRICADE
-  WORK ZONE
-  TEMPORARY PAVEMENT CONSTRUCTION



MATCHLINE STA. 231+00

D:\proj\12-154-003a_US_20_West_Branch_Dupage_River\Transportation\CADD_Sheets\US20_MOT_Pre-05.dgn

* NOTE: SIGNS MUST BE REMOVED WHEN FLAGGERS OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 11/16/2016 10:01:41 AM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - PRE-STAGE**

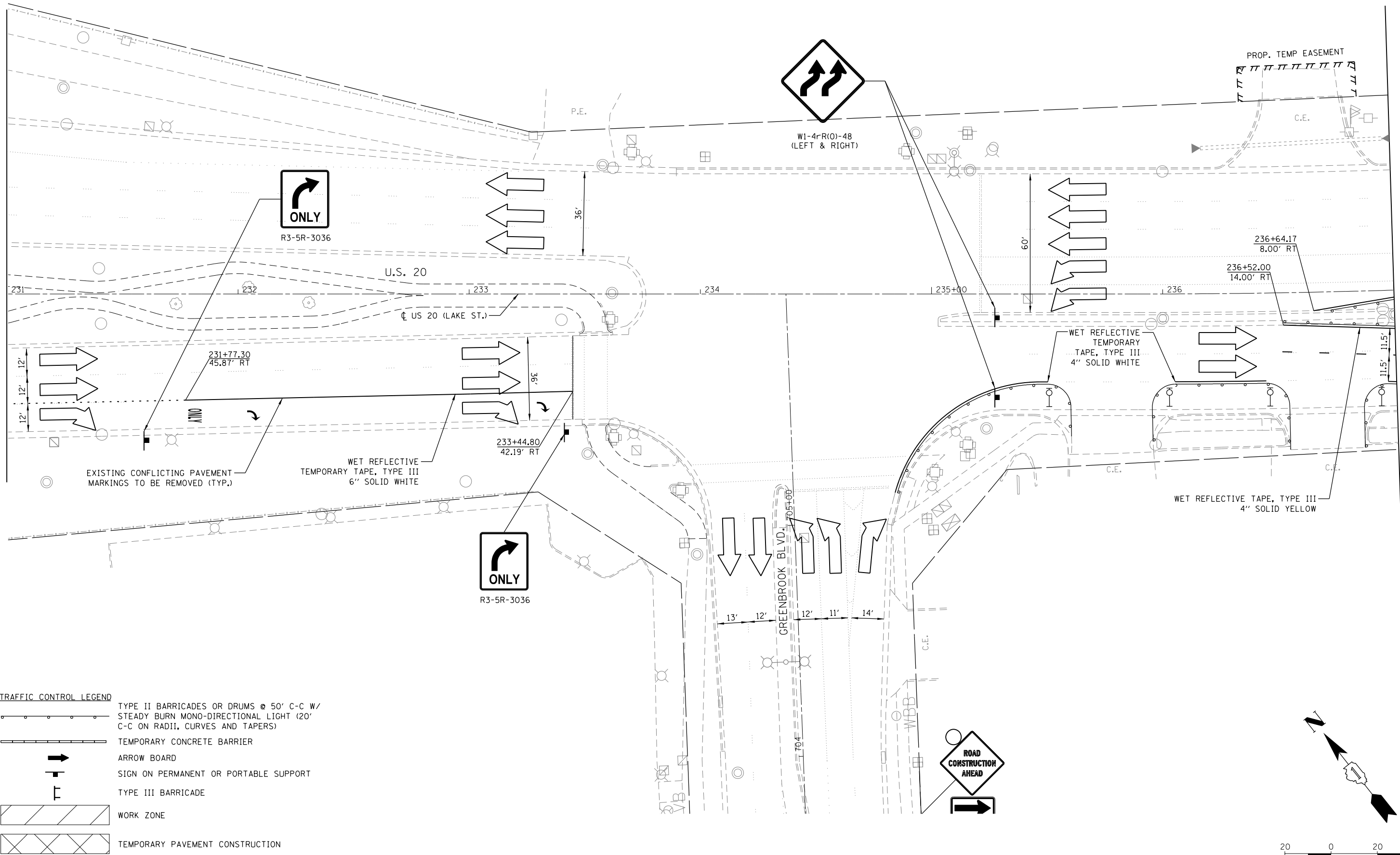
SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. N/A TO STA. 231+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	43
				CONTRACT NO. 62A60
ILLINOIS FED. AID PROJECT				

D:\proj\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT_Pre-06.dgn
 Mo. 2012/12/15 4:00:30 PM

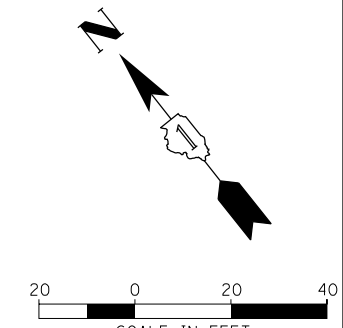
MATCHLINE STA. 231+00

MATCHLINE STA. 237+00



TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION



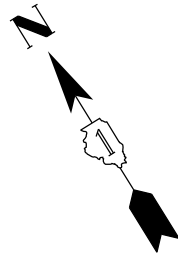
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISOR -	REVISION -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISOR -
PLOT DATE = 10/20/2016 3:16:11 PM	DATE -	REVISION -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - PRE-STAGE**

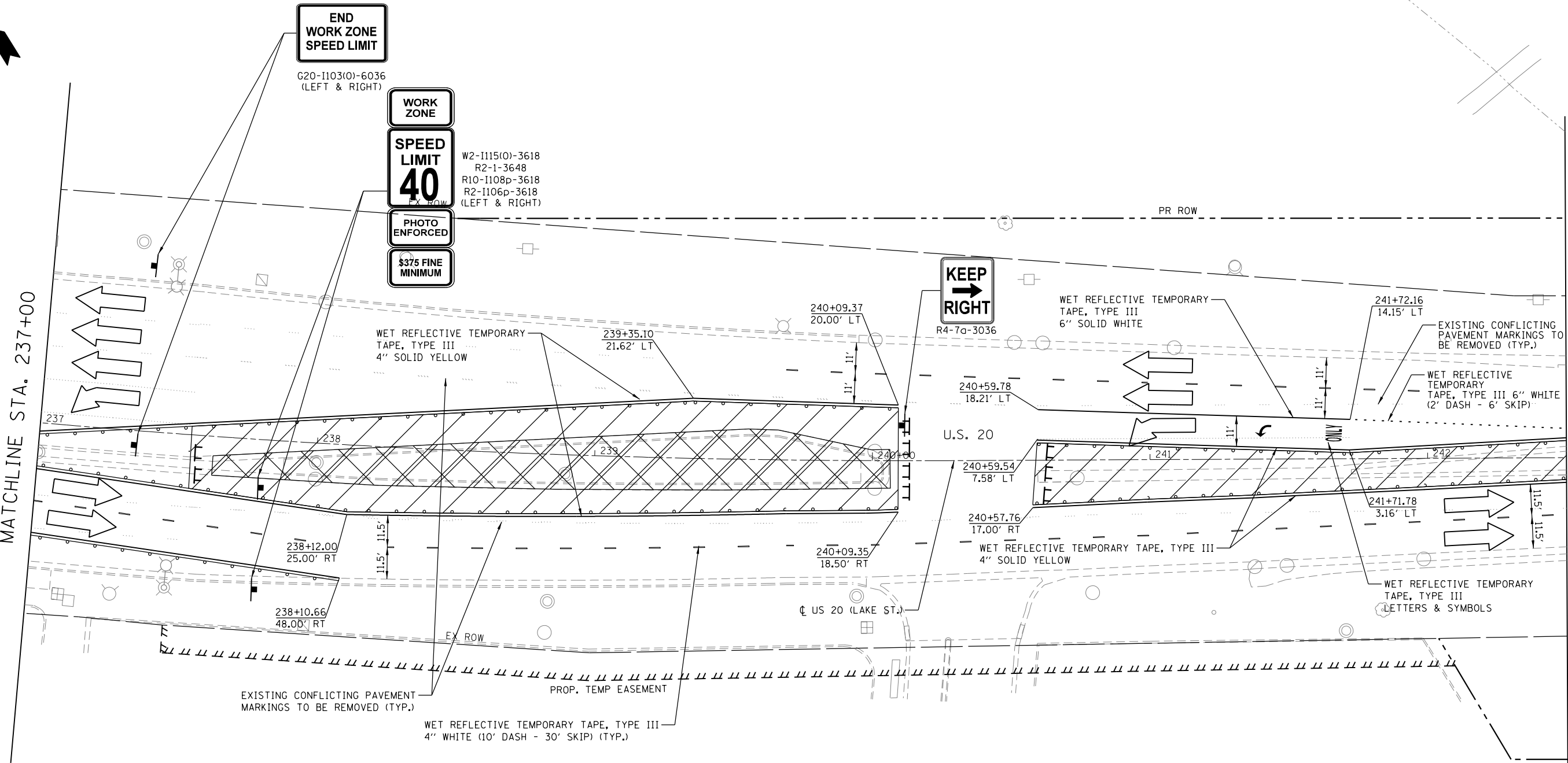
SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 231+00 TO STA. 237+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	44
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 237+00

MATCHLINE STA. 242+50



TRAFFIC CONTROL LEGEND

- TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- TYPE III BARRICADE
- WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTION



D:\csl\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT_Pre-07.dgn



USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:16:12 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

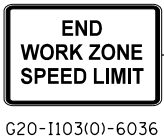
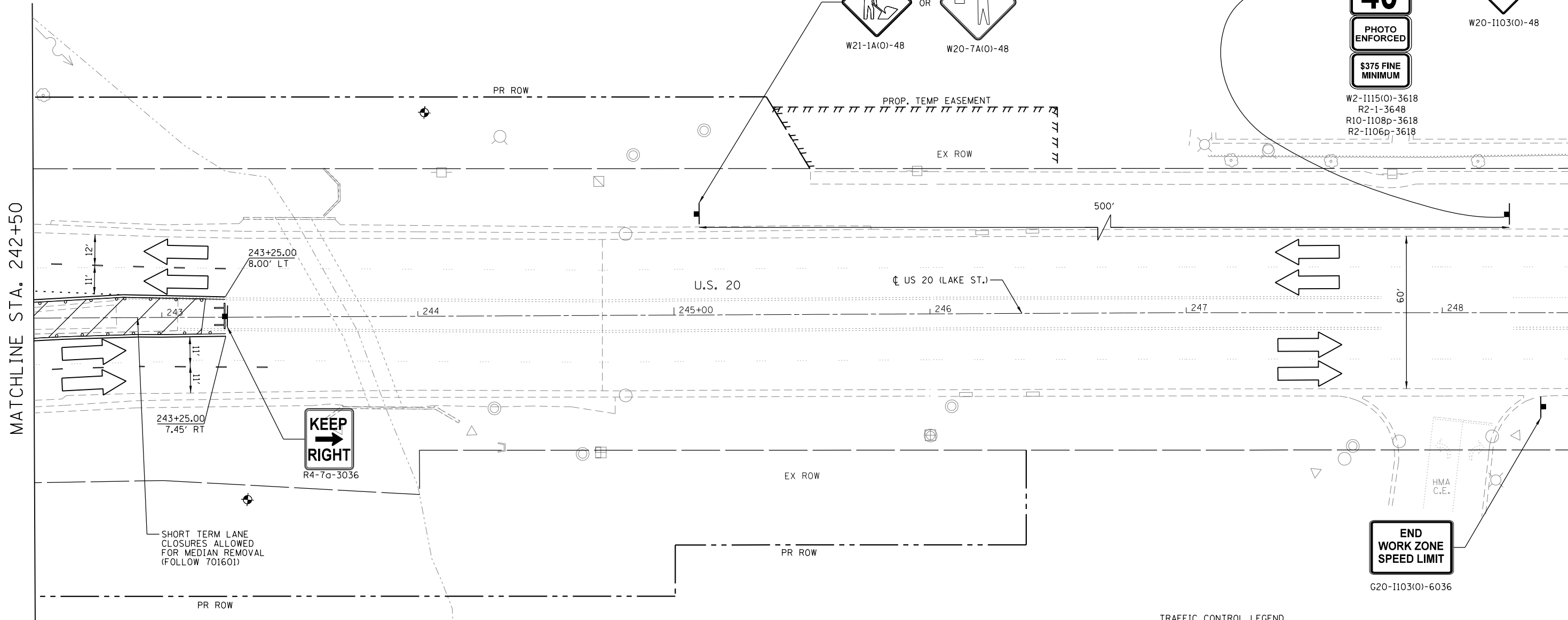
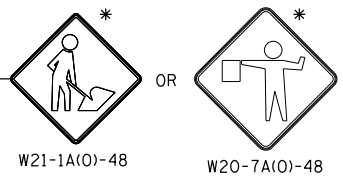
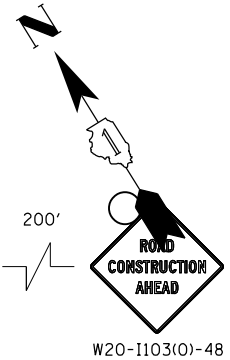
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - PRE-STAGE**

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. N/A TO STA. 231+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	45
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

* NOTE: SIGNS MUST BE REMOVED WHEN FLAGGERS OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION



MATCHLINE STA. 242+50

D:\proj\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT_Pre-08.dgn



USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:16:15 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

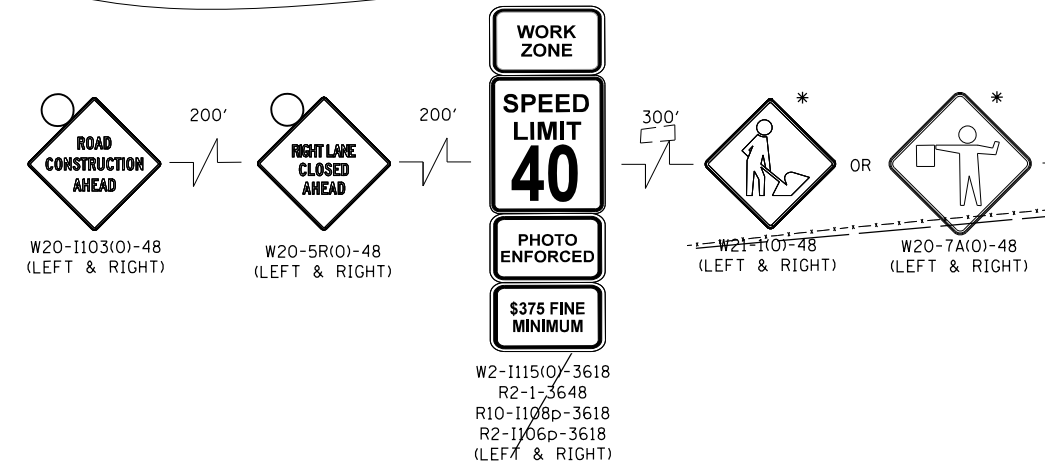
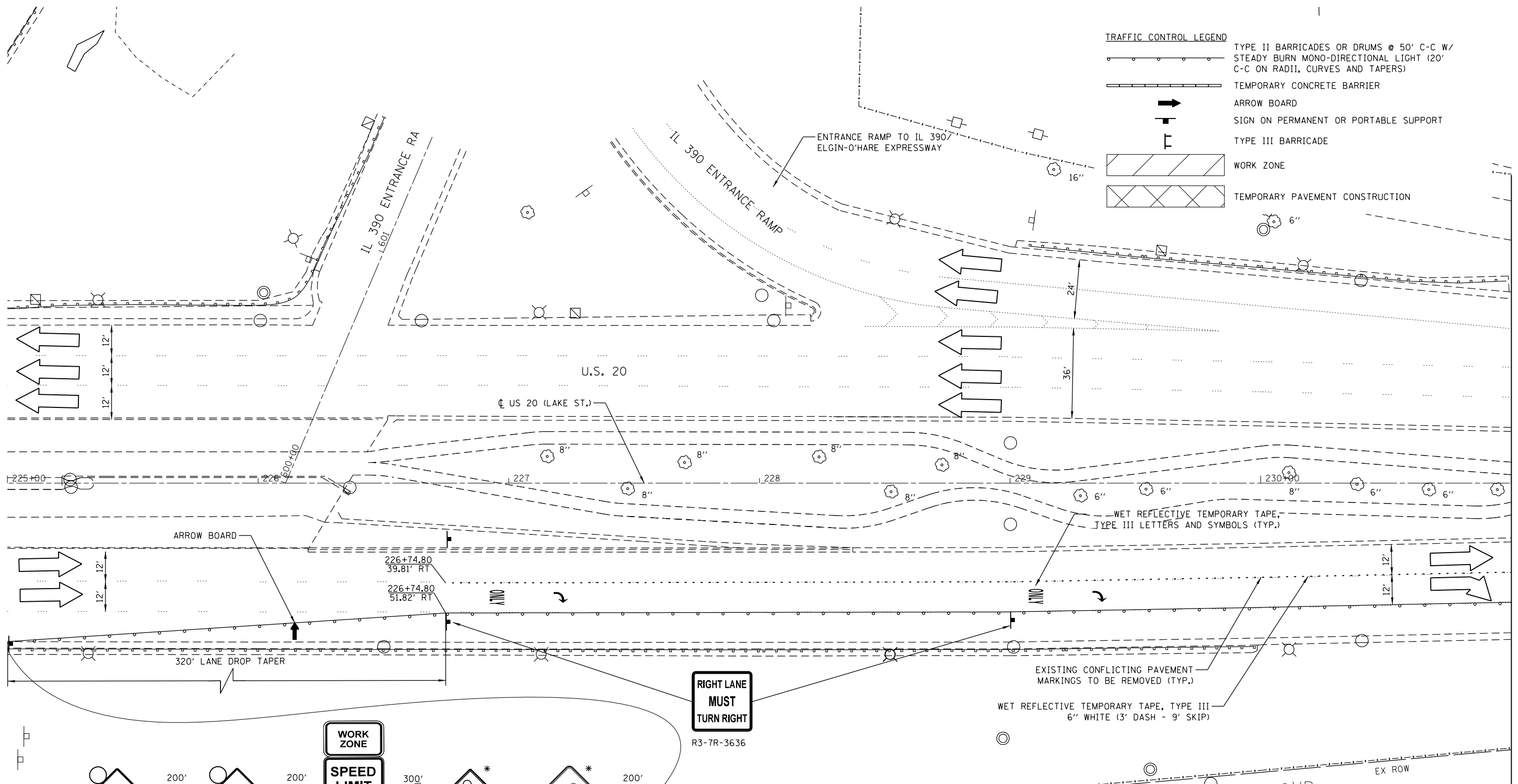
**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - PRE-STAGE**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 231+00 TO STA. 237+00

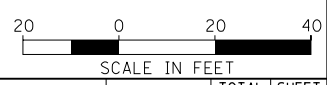
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	46
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION



* NOTE: SIGNS MUST BE REMOVED WHEN FLAGGERS OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



Default: Mo: 2012/12/15 15:48:03a US 20 West Branch Dupage River Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-SI-05.dgn



USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:16:16 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

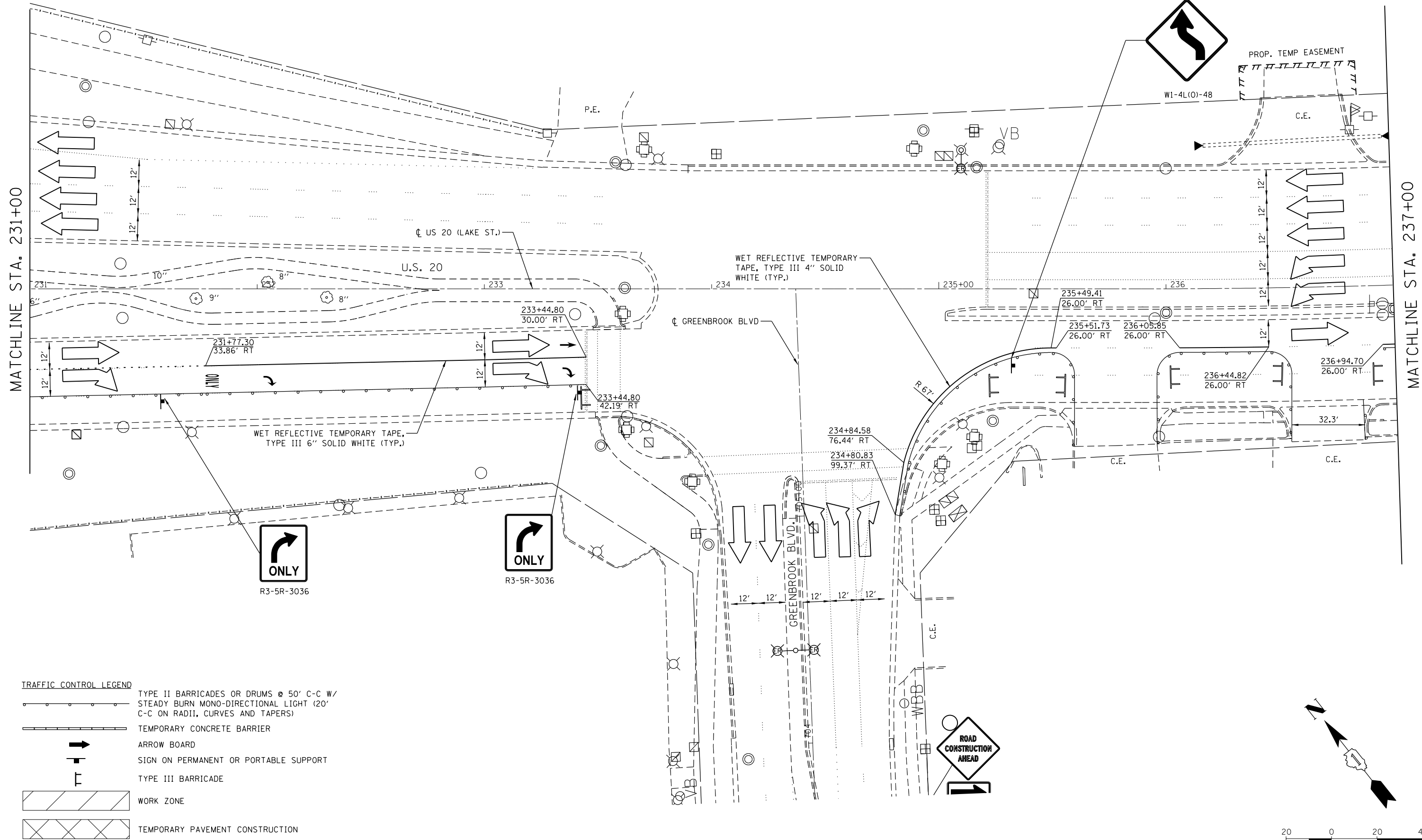
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE I**

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. N/A TO STA. 231+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	47
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

Default: M:\2012\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-SI-06.dgn



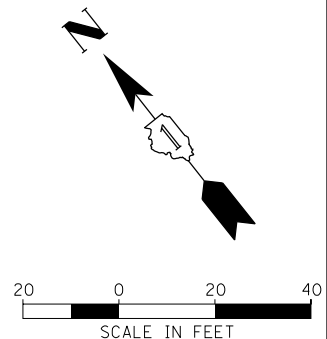
TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION

ONLY
R3-5R-3036

ONLY
R3-5R-3036

ROAD CONSTRUCTION AHEAD



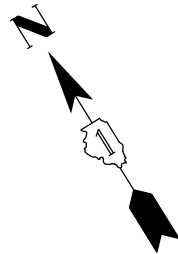
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISED -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:17 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE I**

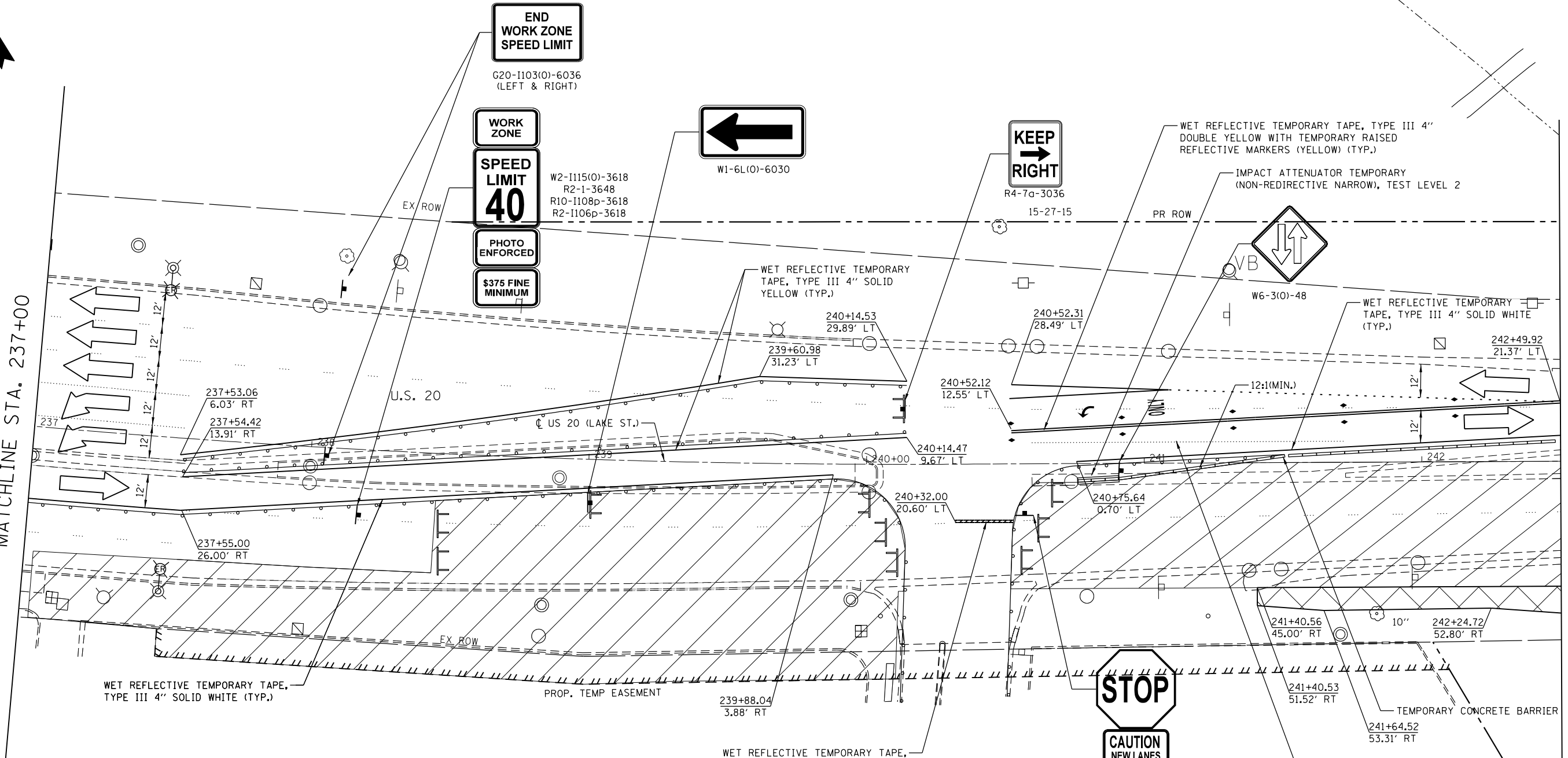
SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 231+00 TO STA. 237+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	48
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 237+00

MATCHLINE STA. 242+50



TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION



D:\cadd\2012\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD_Sheets\US20_MOT-SI-97.dgn
 Mo. 2012/12/15 4:00:36 PM

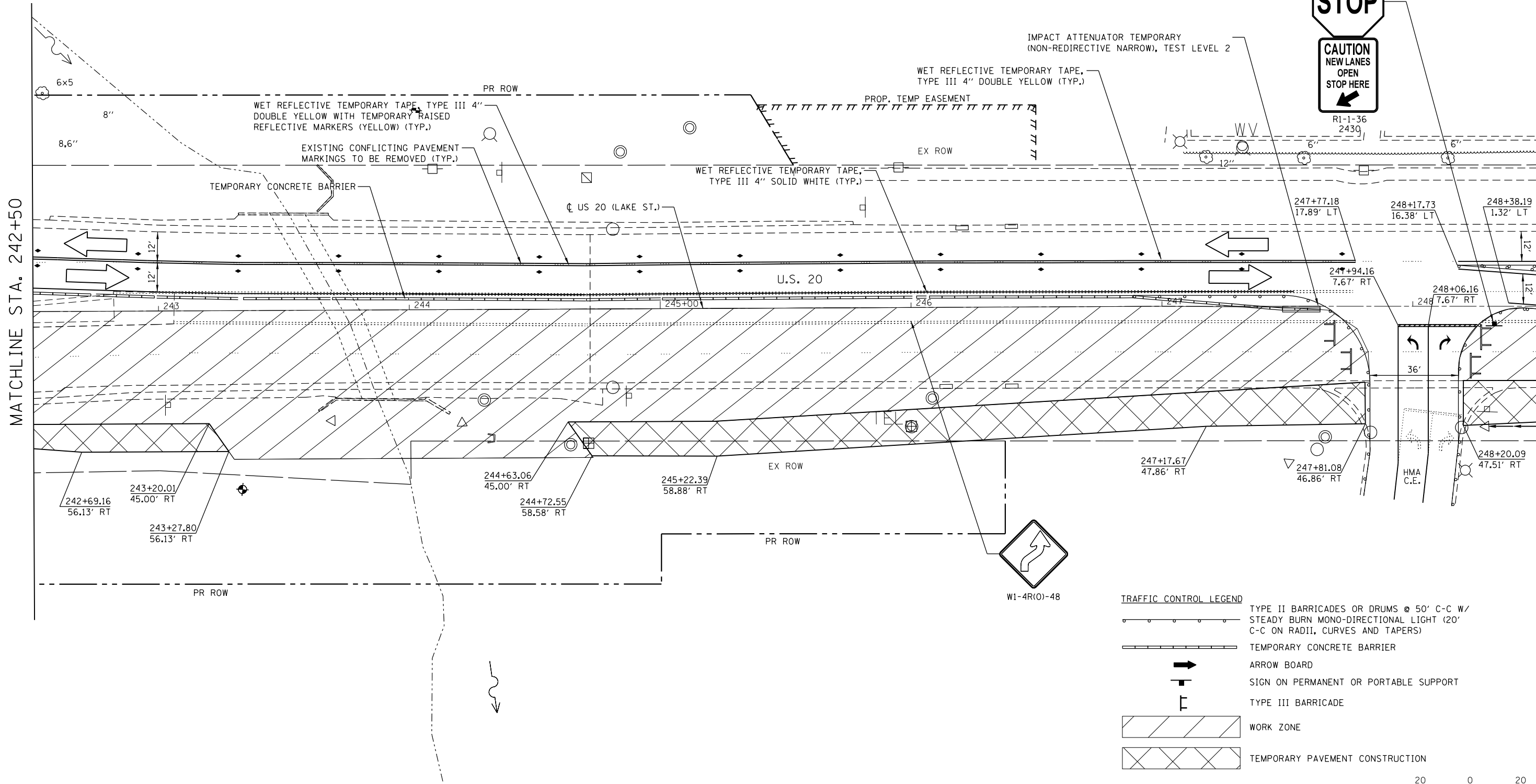
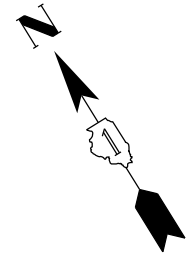


USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISIONS -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:18 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE I
 SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 237+00 TO STA. 242+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	49
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	



MATCHLINE STA. 242+50

MATCHLINE STA. 248+50

D:\cadd\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD Sheets\US20_MOT-SI-08.dgn



USER NAME = LindseyB
 PLOT SCALE = 1"=20'
 PLOT DATE = 10/20/2016 3:16:19 PM

DESIGNED - KJC / LEB
 DRAWN - JPS
 CHECKED - DDL
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

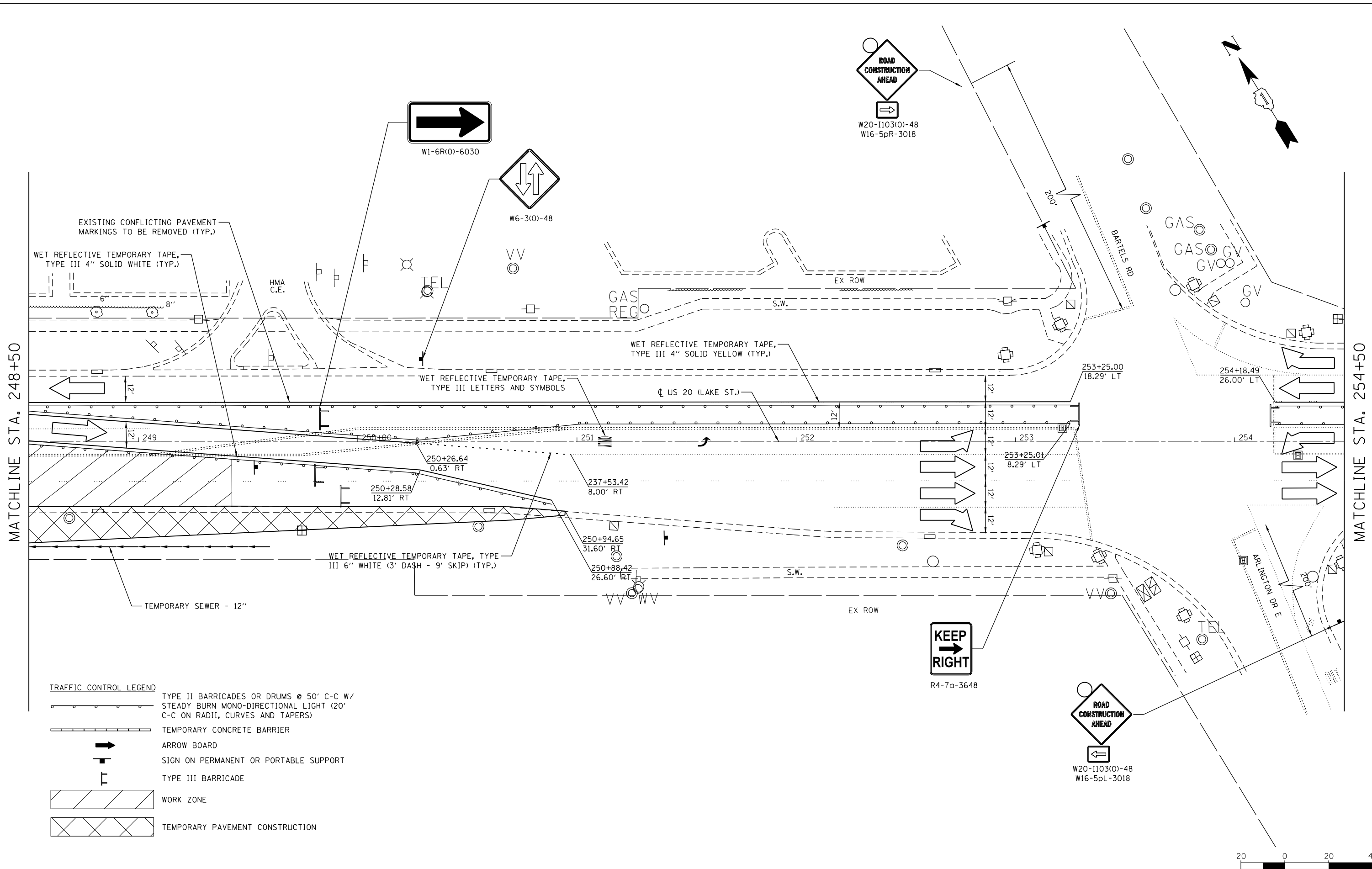
**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 MAINTENANCE OF TRAFFIC - STAGE I**

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 242+50 TO STA. 248+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	50
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

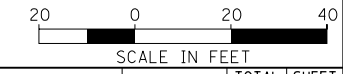


Default: Mo: 2012/12/15 15:48:03 US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-SI-9P.dgn



TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION



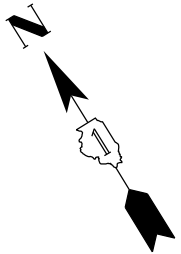
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISED -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:21 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

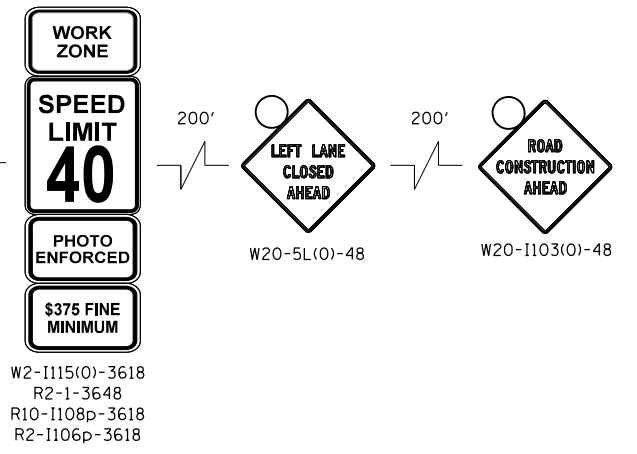
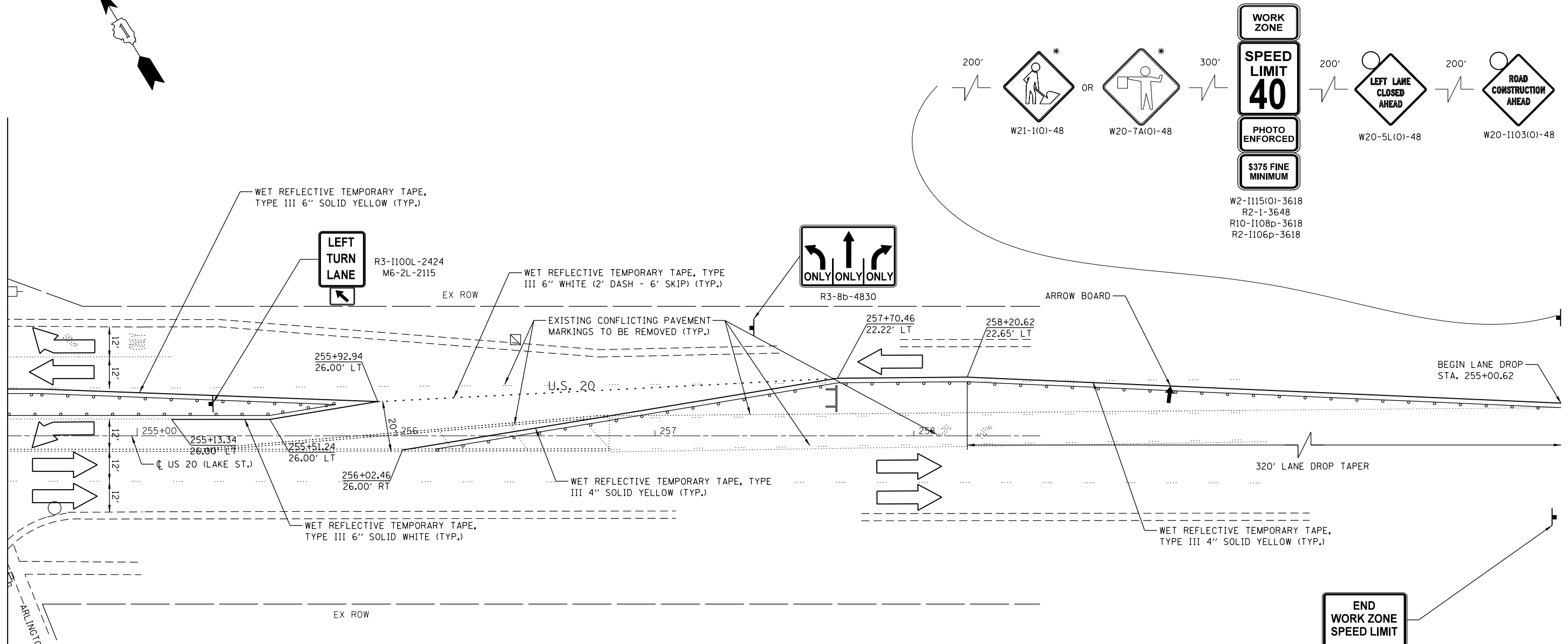
**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE I**

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 248+50 TO STA. 254+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	51
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



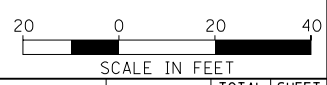
MATCHLINE STA. 254+50



TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION

END WORK ZONE SPEED LIMIT
G20-1103(0)-6036



Default: Mo: 2012/12/15 15:48:03a US 20 West Branch Dupage River - Stage 2 - Design - Transportation - CADDD - Sheets - US20 - MDT - SI - 10.dgn



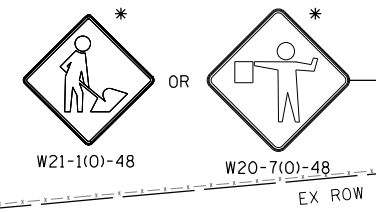
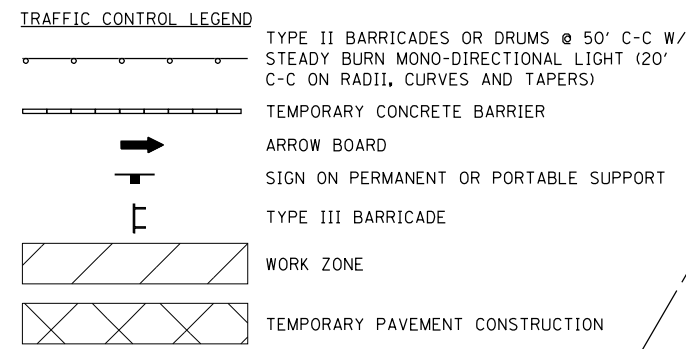
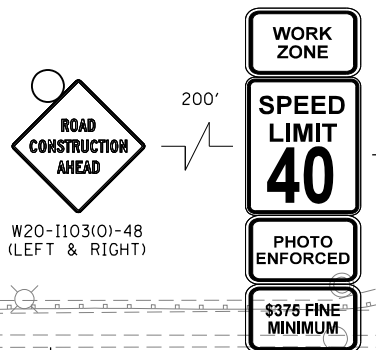
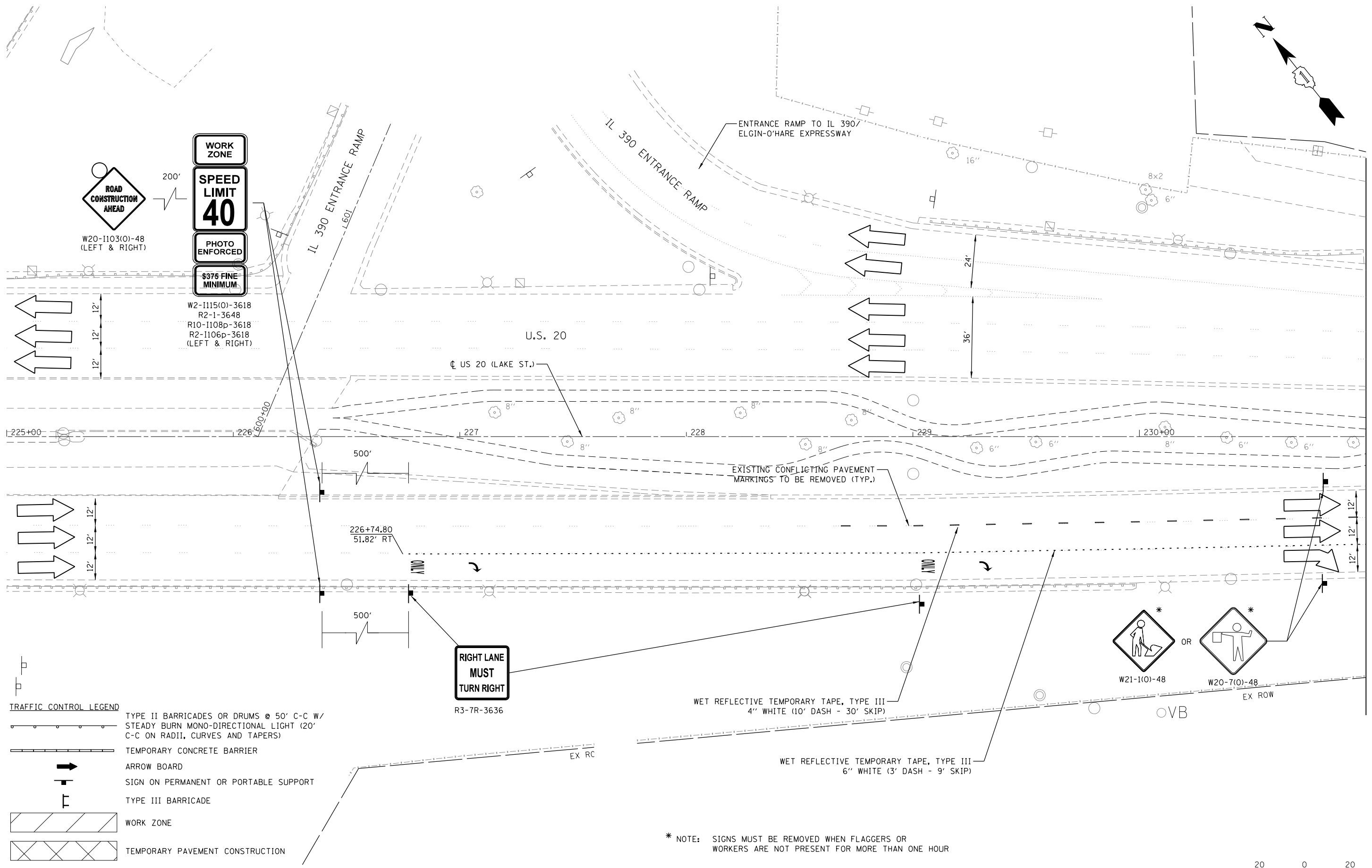
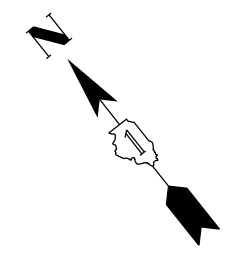
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISIONS -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:22 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE I**

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 254+50 TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	52
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



* NOTE: SIGNS MUST BE REMOVED WHEN FLAGGERS OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



MATCHLINE STA. 231+00

Default: Mo., 2012/12/15 15:48:03a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-S2-05.dgn



USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISED -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:23 PM	DATE -	REVISED -

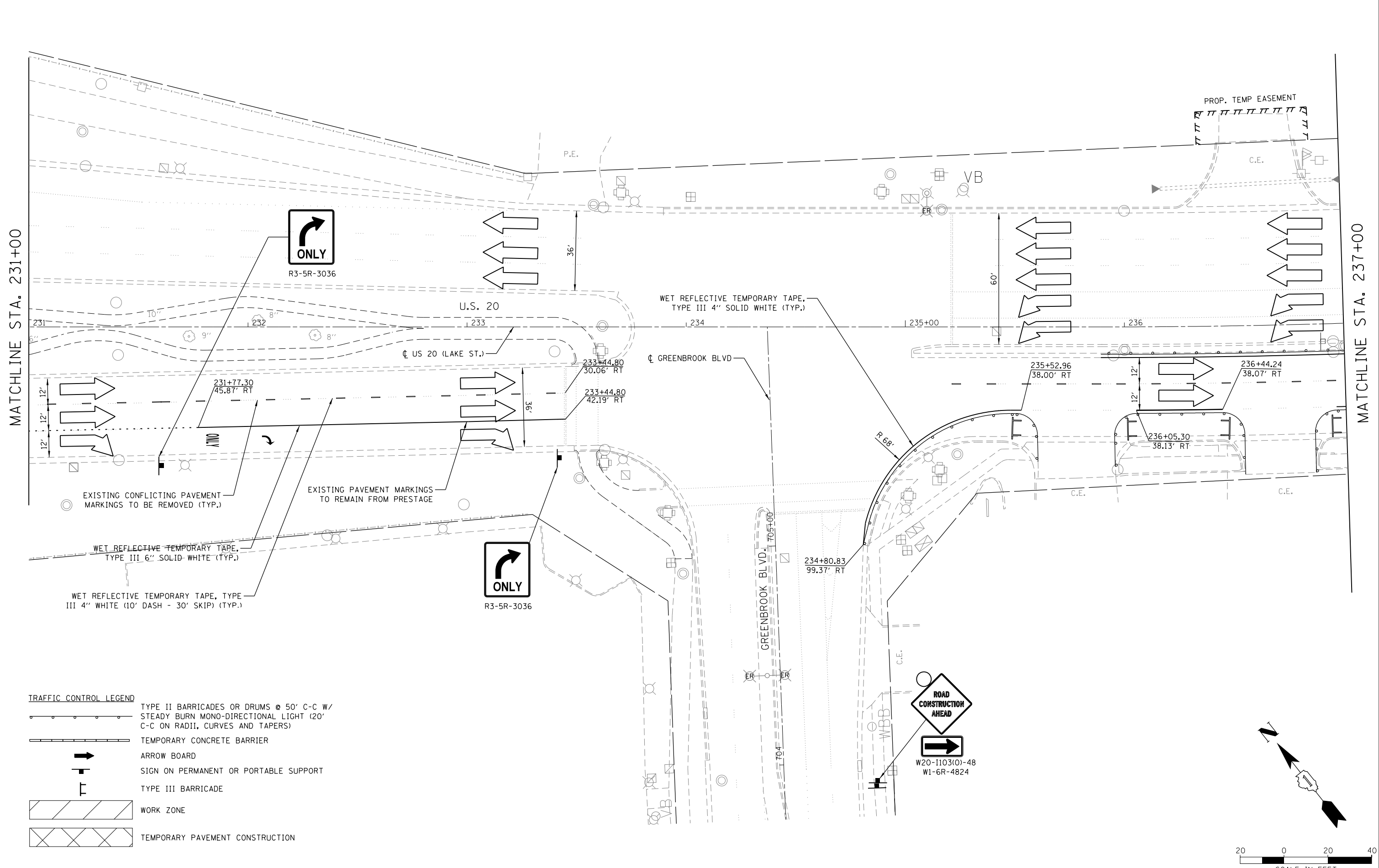
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE II**

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. N/A TO STA. 231+00

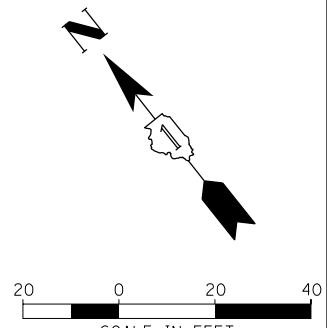
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	53
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

D:\proj\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-S2-06.dgn
 Mo. 2012\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-S2-06.dgn



TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION

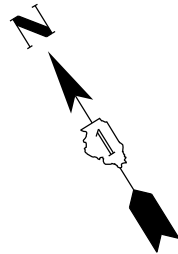


USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISOR -	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:24 PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

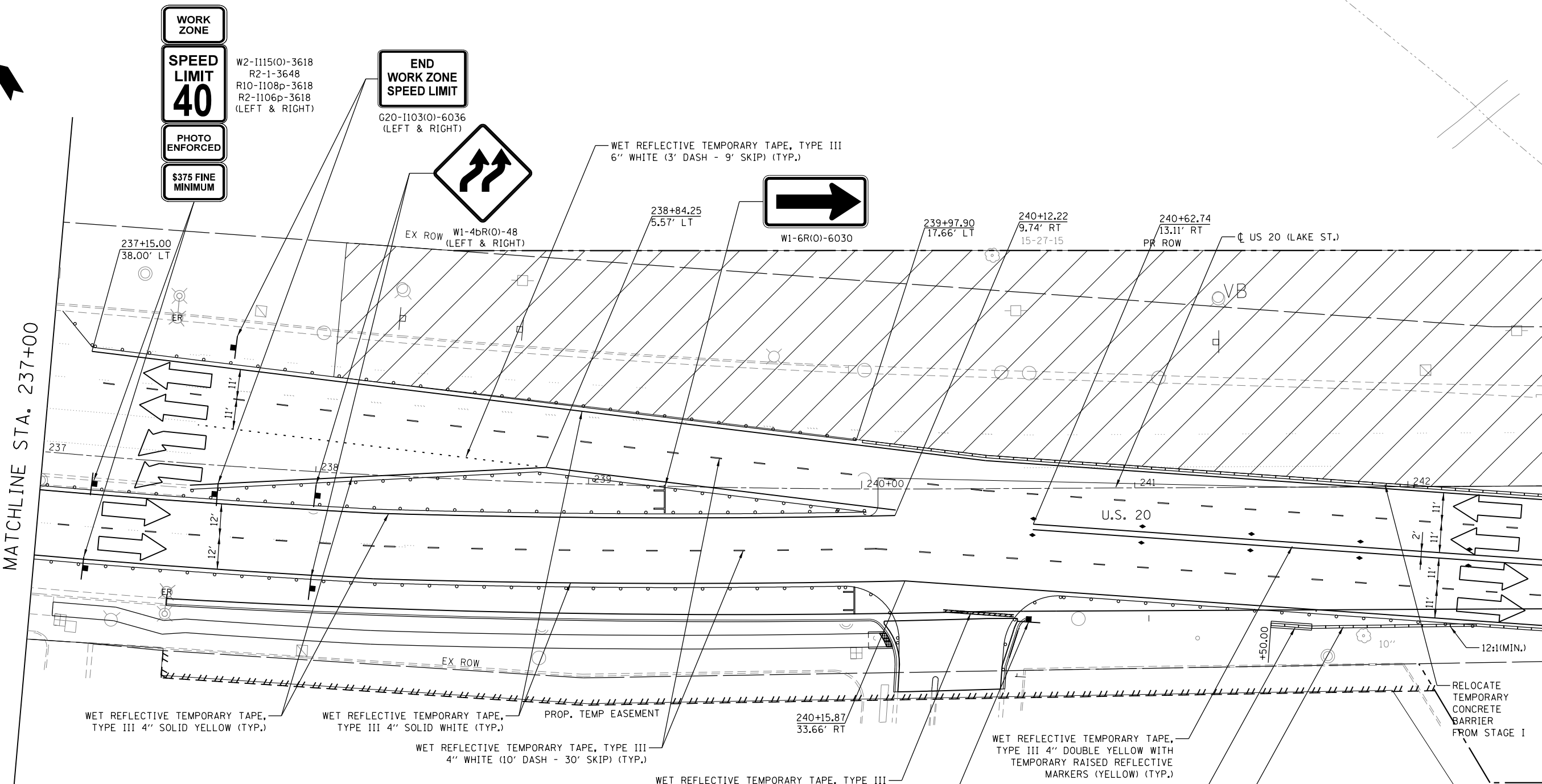
**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 MAINTENANCE OF TRAFFIC - STAGE II**
 SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 231+00 TO STA. 237+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	54
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 237+00

MATCHLINE STA. 242+50



TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/
	STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION



WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" SOLID YELLOW (TYP.)

WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" SOLID WHITE (TYP.)

PROP. TEMP EASEMENT

WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" WHITE (10' DASH - 30' SKIP) (TYP.)

WET REFLECTIVE TEMPORARY TAPE, TYPE III 24" WHITE STOP BAR (TYP.)

WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" DOUBLE YELLOW WITH TEMPORARY RAISED REFLECTIVE MARKERS (YELLOW) (TYP.)

IMPACT ATTENUATOR RELOCATE (NON-REDIRECTIVE, NARROW) TEST LEVEL 2

TEMPORARY CONCRETE BARRIER

RELOCATE TEMPORARY CONCRETE BARRIER FROM STAGE I



Default: Mo_2012\12-15-154-003a_US_20_West_Branch_Dupage_River\Transportation\CAADD_Sheets\US20_MOT-S2-07.dgn



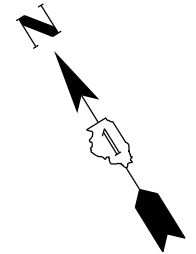
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:25 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE II**

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 237+00 TO STA. 242+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	55
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

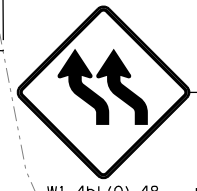
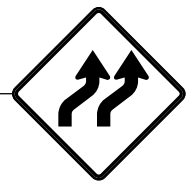


TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION

WORK ZONE
SPEED LIMIT 40
PHOTO ENFORCED
\$375 FINE MINIMUM

W2-1115(O)-3618
 R2-1-3648
 R10-1108p-3618
 R2-1106p-3618

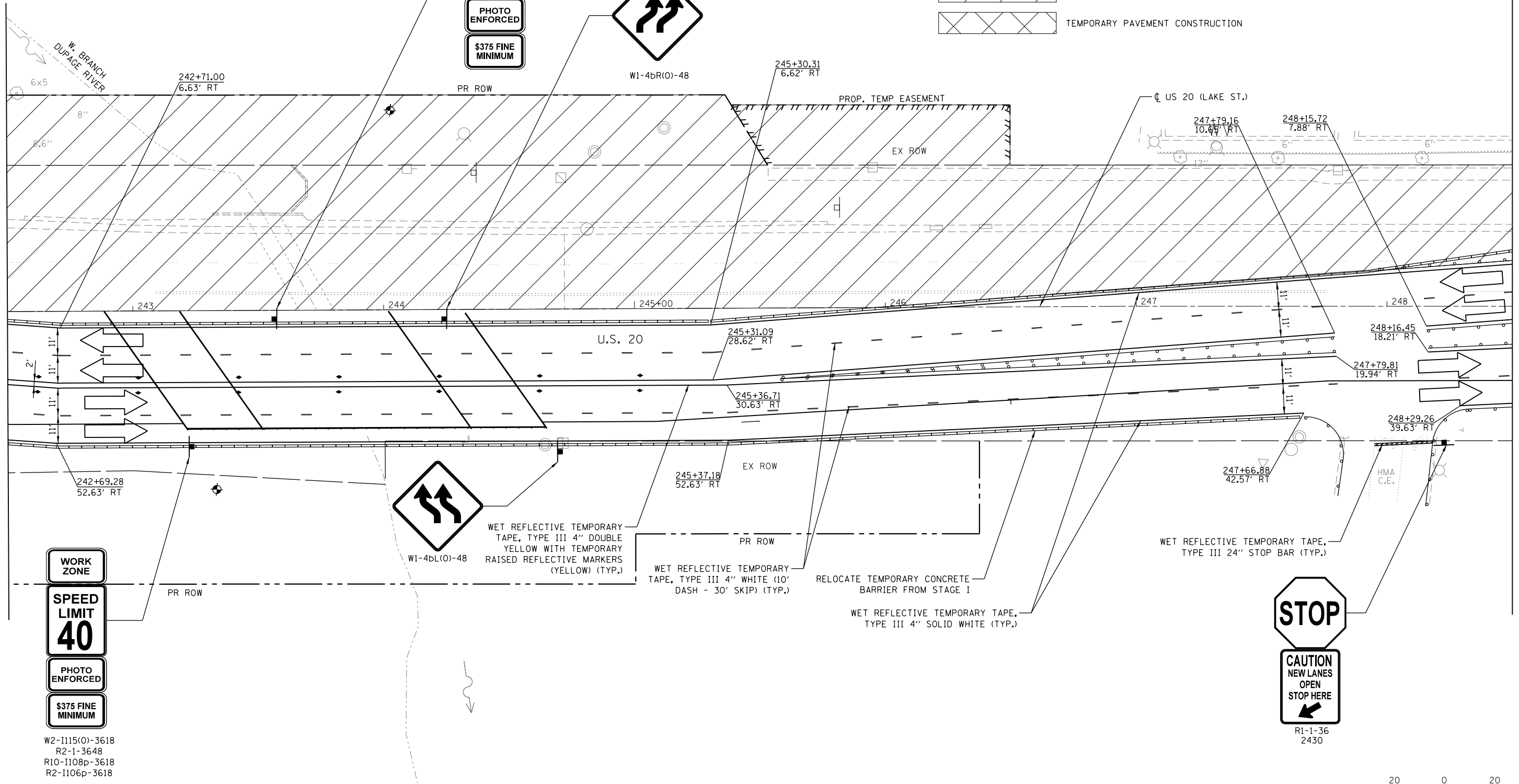


STOP
CAUTION NEW LANES OPEN STOP HERE

R1-1-36
 2430

MATCHLINE STA. 242+50

MATCHLINE STA. 248+50



WORK ZONE
SPEED LIMIT 40
PHOTO ENFORCED
\$375 FINE MINIMUM

W2-1115(O)-3618
 R2-1-3648
 R10-1108p-3618
 R2-1106p-3618

Default: Mo: 2012/12/15 15:48:03a US 20 West Branch Stage 2\Design\Transportation\CADD Sheets\US20_MOT-S2-08.dgn



USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:16:26 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 MAINTENANCE OF TRAFFIC - STAGE II**

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 242+50 TO STA. 248+50

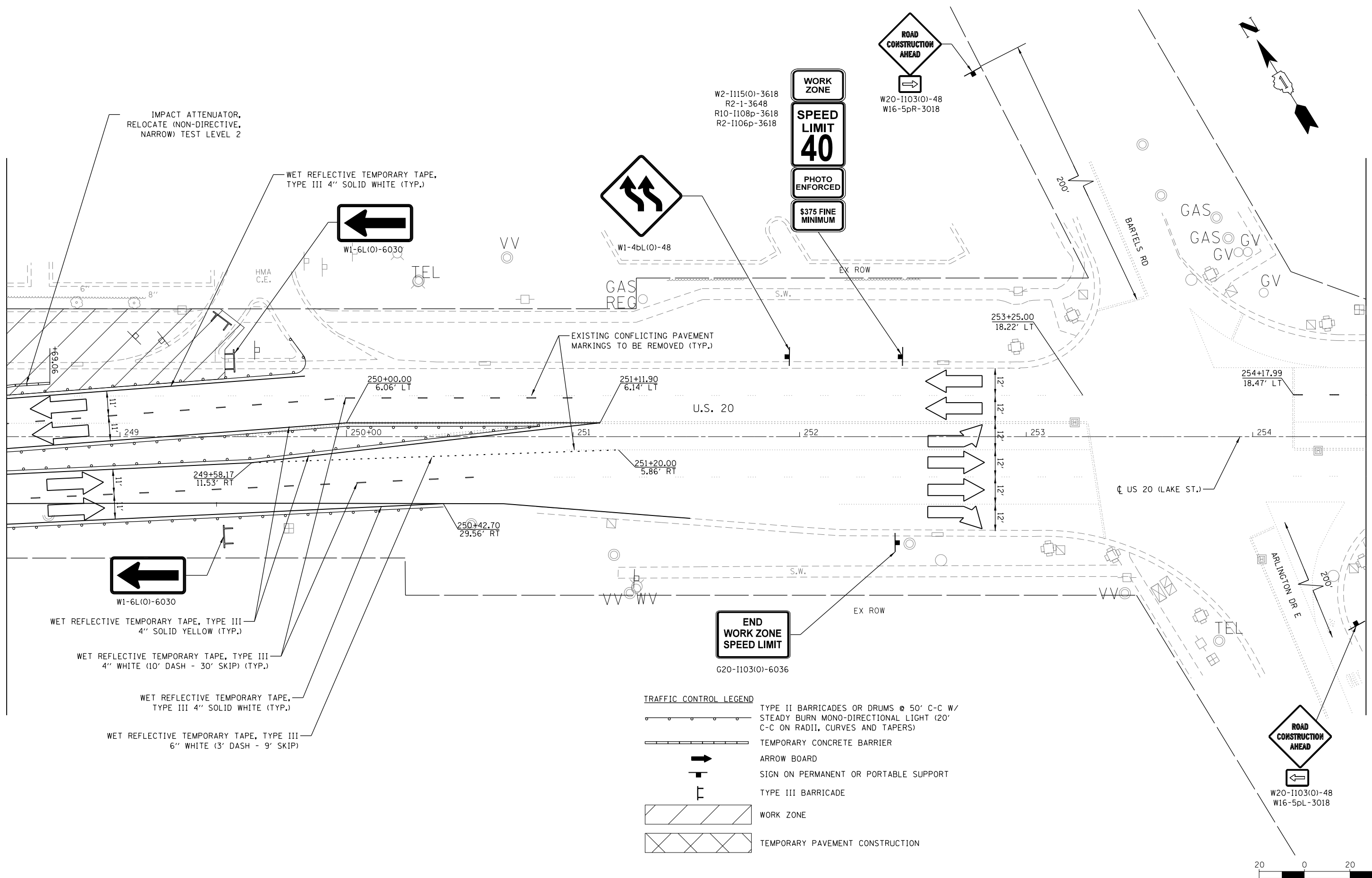
F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 56
				CONTRACT NO. 62A60
ILLINOIS FED. AID PROJECT				



Default: Mo: 2012/12/15 15:48:03a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT_S2_09.dgn

MATCHLINE STA. 248+50

MATCHLINE STA. 254+50

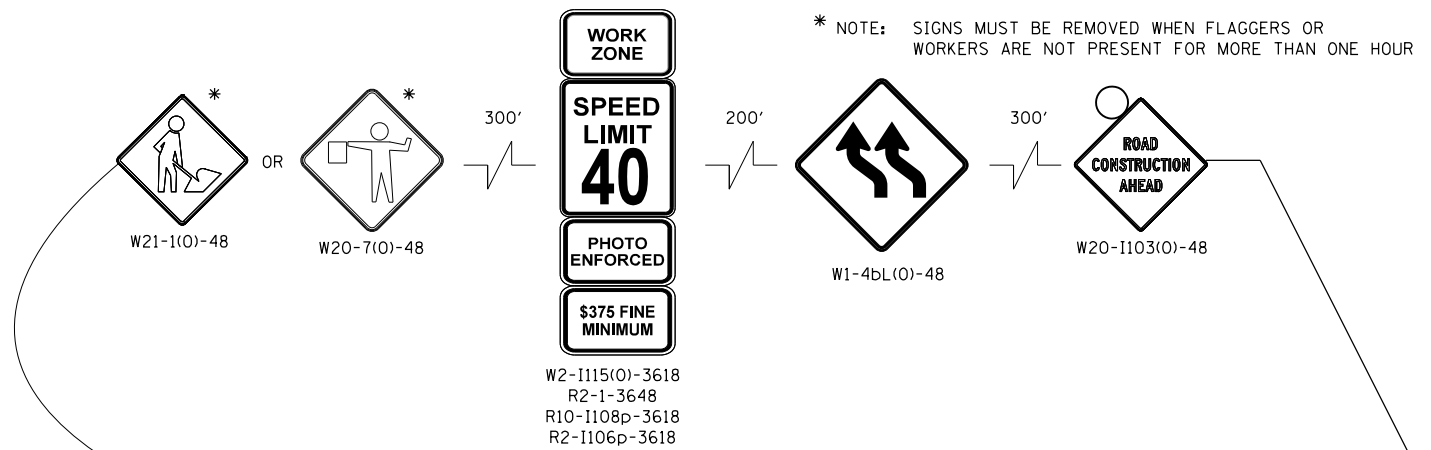
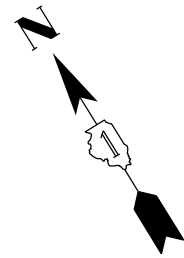


USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISOR -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:27 PM	DATE -	REVISED -

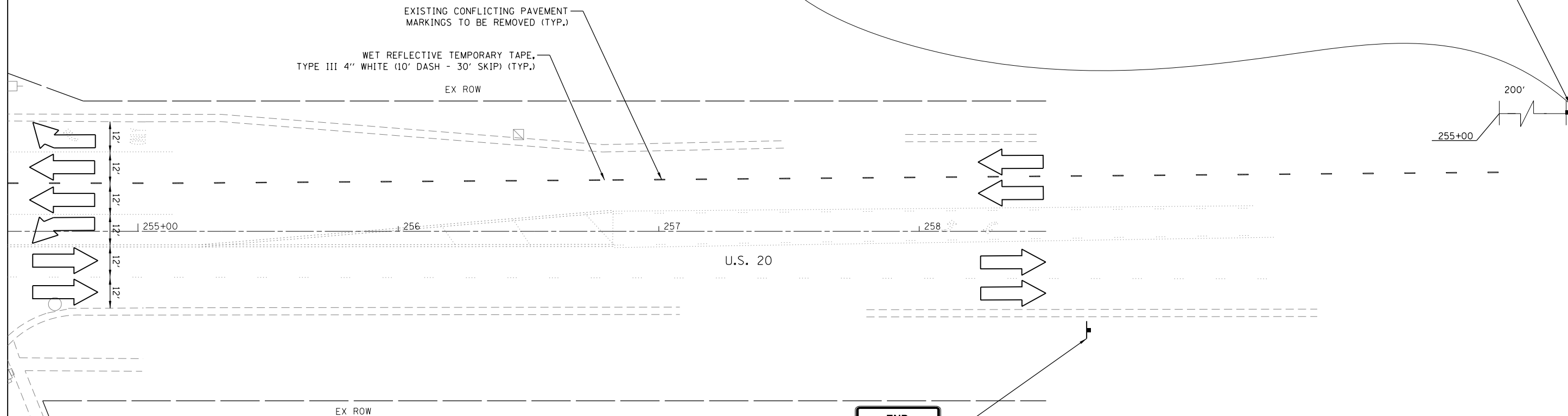
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE II
 SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 248+50 TO STA. 254+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	57
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 254+50



**END
WORK ZONE
SPEED LIMIT**

G20-1103(0)-6036

TRAFFIC CONTROL LEGEND

- TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- TYPE III BARRICADE
- WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTION



Default: Mo., 2012/12/15 11:44:00 AM US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-S2-10.dgn



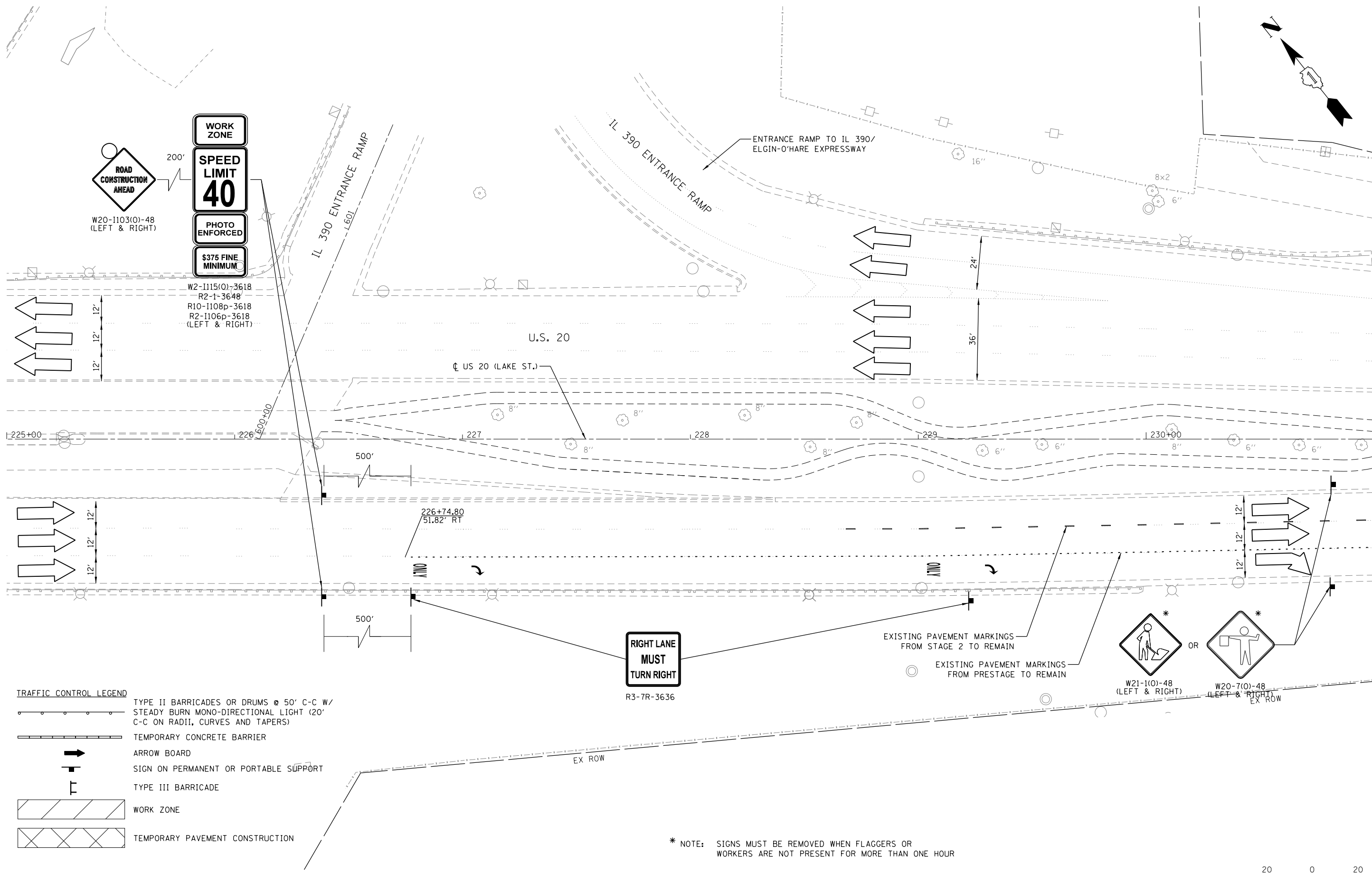
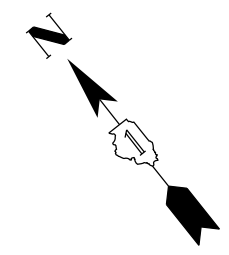
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISIONS -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISIONS -
PLOT DATE = 10/20/2016 3:16:28 PM	DATE -	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE II**

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 254+50 TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	58
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



- TRAFFIC CONTROL LEGEND**
- TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
 - TEMPORARY CONCRETE BARRIER
 - ARROW BOARD
 - SIGN ON PERMANENT OR PORTABLE SUPPORT
 - TYPE III BARRICADE
 - WORK ZONE
 - TEMPORARY PAVEMENT CONSTRUCTION

RIGHT LANE MUST TURN RIGHT
R3-7R-3636

* NOTE: SIGNS MUST BE REMOVED WHEN FLAGGERS OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



Default: Mo: 2012/12/15 15:48:03a US 20 West Branch Dupage River Stage 2\Design\Transportation\CADD_Sheets\US20_MOT_S3-05.dgn



USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISED -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:29 PM	DATE -	REVISED -

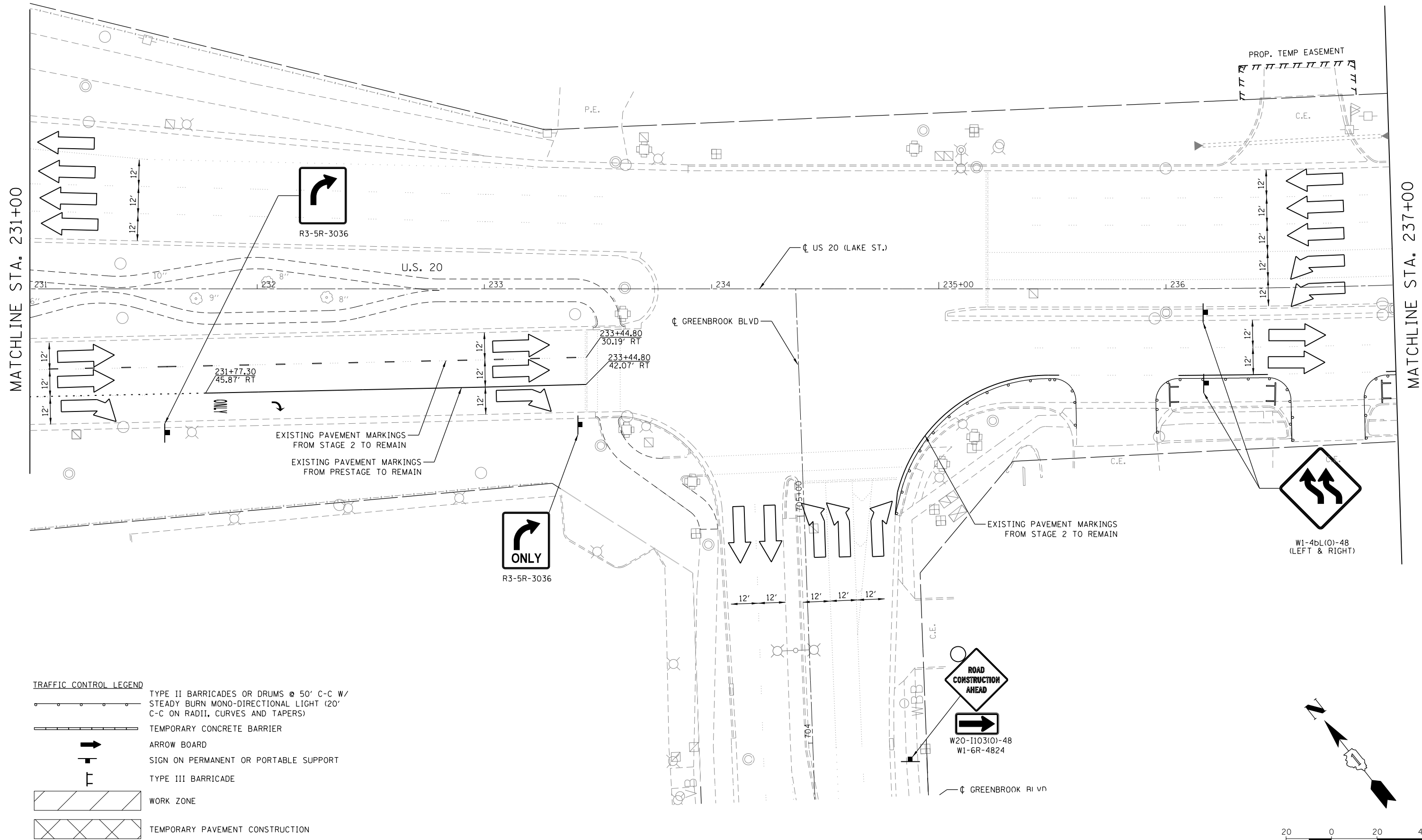
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE III**

SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. 225+00 TO STA. 231+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	59
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

Default: M:\2012\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheet\US20_MOT-S3-06.dgn



TRAFFIC CONTROL LEGEND

	TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	TYPE III BARRICADE
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTION



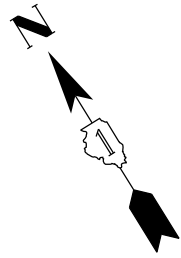
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:16:30 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE III**

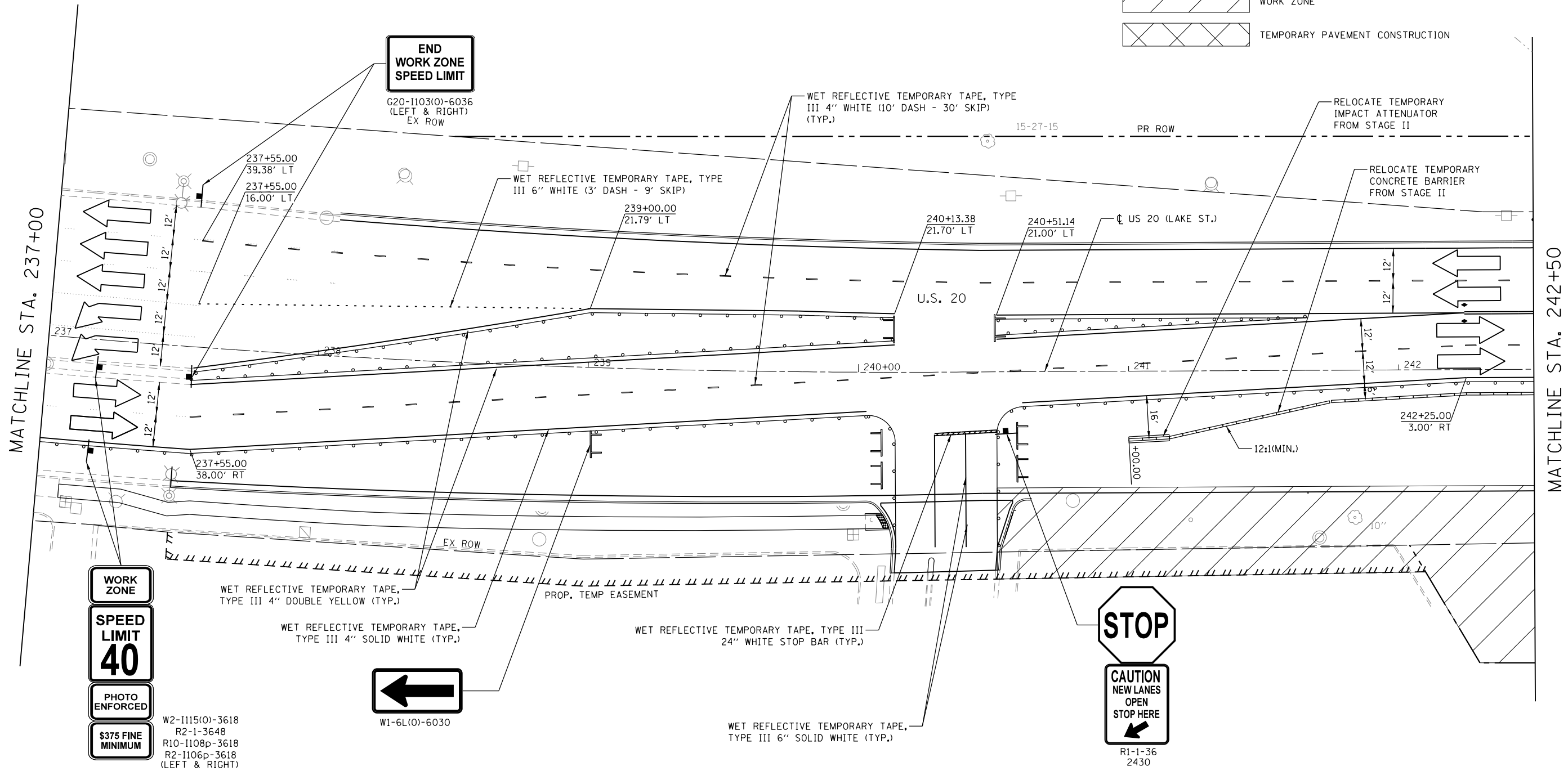
SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. 231+00 TO STA. 237+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	60
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL LEGEND

- TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- TYPE III BARRICADE
- WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTION



WORK ZONE

SPEED LIMIT 40

PHOTO ENFORCED

\$375 FINE MINIMUM

W2-1115(O)-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618
(LEFT & RIGHT)

←

W1-6L(O)-6030

STOP

CAUTION NEW LANES OPEN STOP HERE

←

R1-1-36
2430



Default: Mo., 2012/12/15 15:48:03a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-53-87.dgn



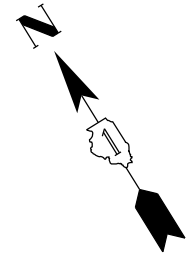
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISED -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:31 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE III**

SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 237+00 TO STA. 242+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	61
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



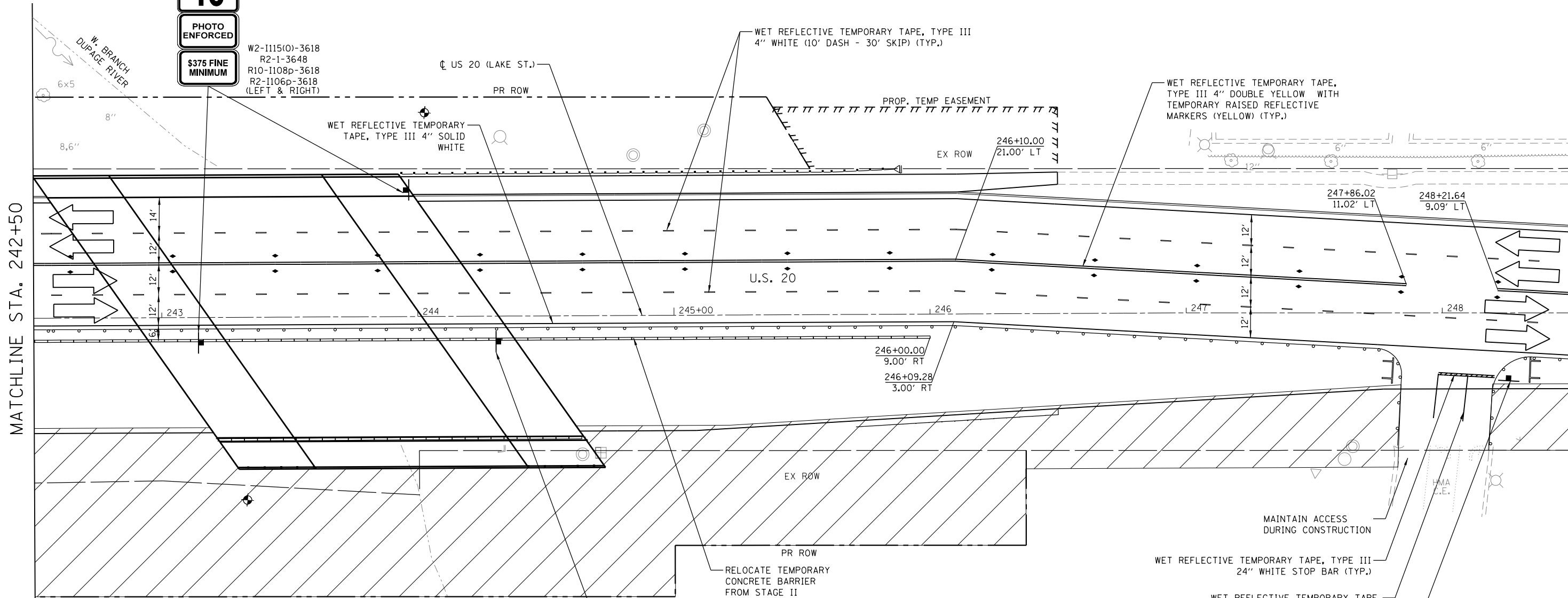
WORK ZONE

SPEED LIMIT 40

PHOTO ENFORCED

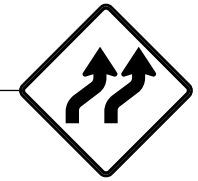
\$375 FINE MINIMUM

W2-1115(O)-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618
(LEFT & RIGHT)



MATCHLINE STA. 242+50

MATCHLINE STA. 248+50



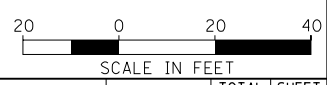
W1-4bR(O)-48

TRAFFIC CONTROL LEGEND

- TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- TYPE III BARRICADE
- WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTION



R1-1-36
2430



D:\proj\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD_Sheets\US20_MOT-S3-08.dgn



USER NAME = LindseyB
PLOT SCALE = 1"=20'
PLOT DATE = 10/20/2016 3:16:32 PM

DESIGNED - KJC / LEB
DRAWN - JPS
CHECKED - DDL
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

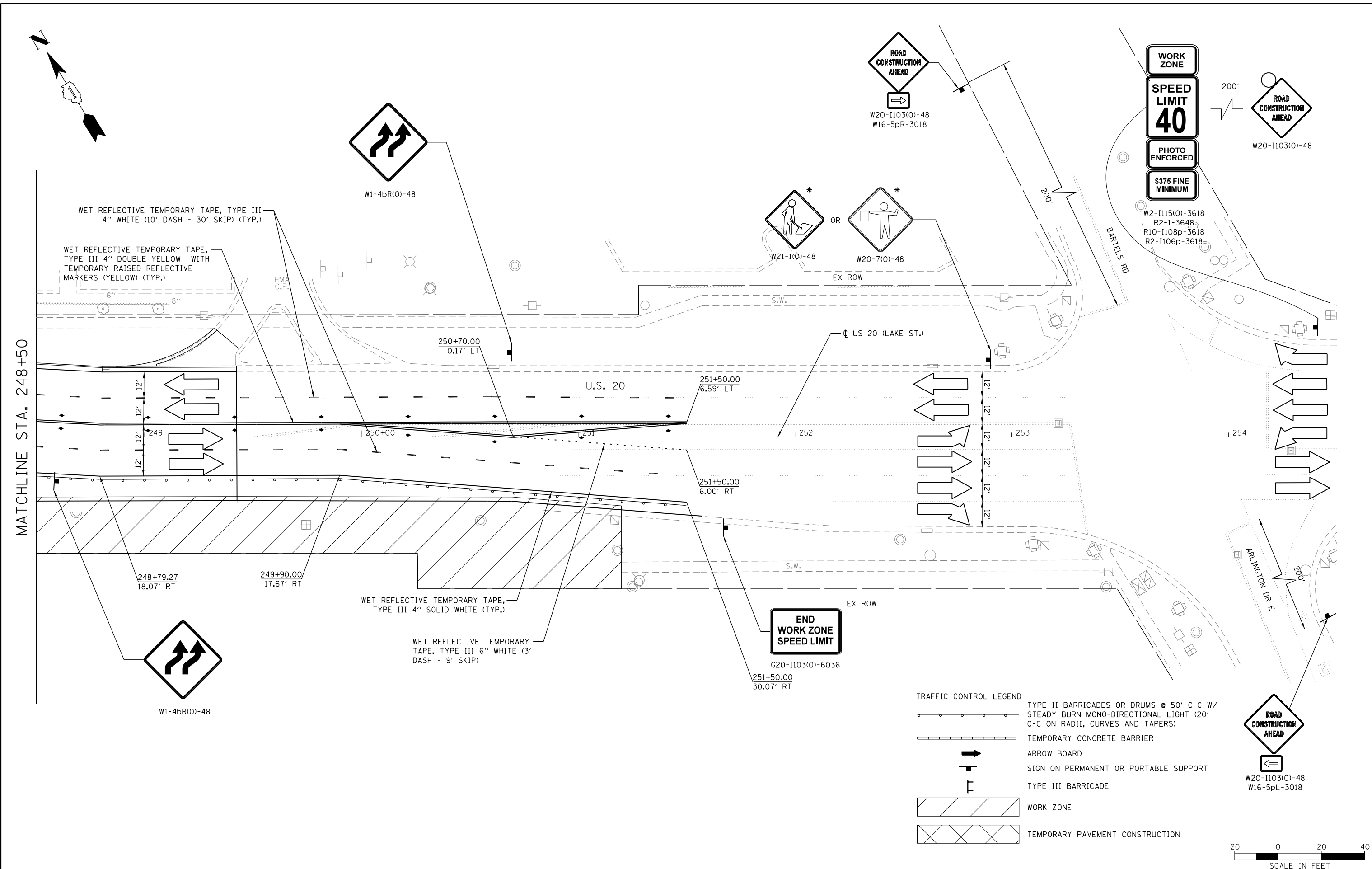
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE III**

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 242+50 TO STA. 248+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	62
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

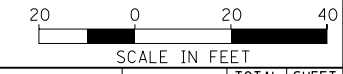
D:\cadd\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MOT-S3-09.dgn
 Mo. 2012-12-15 11:42 AM



MATCHLINE STA. 248+50

TRAFFIC CONTROL LEGEND

- TYPE II BARRICADES OR DRUMS @ 50' C-C W/ STEADY BURN MONO-DIRECTIONAL LIGHT (20' C-C ON RADII, CURVES AND TAPERS)
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- TYPE III BARRICADE
- WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTION



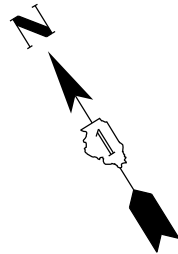
USER NAME = LindseyB	DESIGNED - KJC / LEB	REVISED -
DRAWN - JPS	REVISOR -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 11/16/2016 10:01:42 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MAINTENANCE OF TRAFFIC - STAGE III**

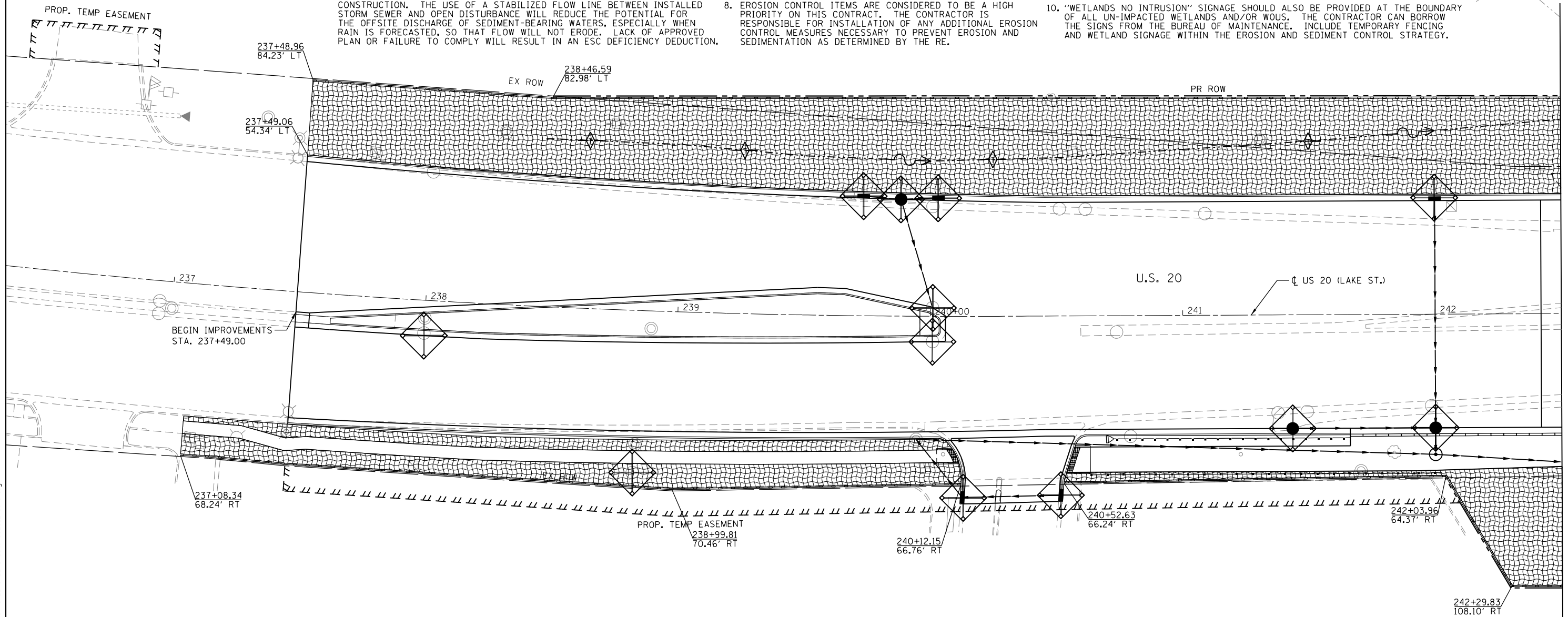
SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. 248+50 TO STA. 254+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	63
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

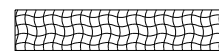
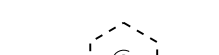

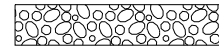


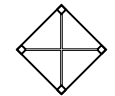




ESC NOTES:

1. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
2. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
4. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
8. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.
9. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10. "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.



EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET
-  TREE TRUNK PROTECTION
-  STONE RIPRAP, CLASS A4
OVER STONE RIPRAP, CLASS A1 BEDDING
-  TEMPORARY SEDIMENT BASIN
-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  TEMPORARY DITCH CHECKS
-  STONE DUMPED RIPRAP, CLASS A5



Default: Mo: 2012/12/15 15:00:30 US 20 West Branch Dupage River\Transportation\CADD\Sheets\US20_Eros-07.dgn



USER NAME = LindseyB	DESIGNED - LEB	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:16:35 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

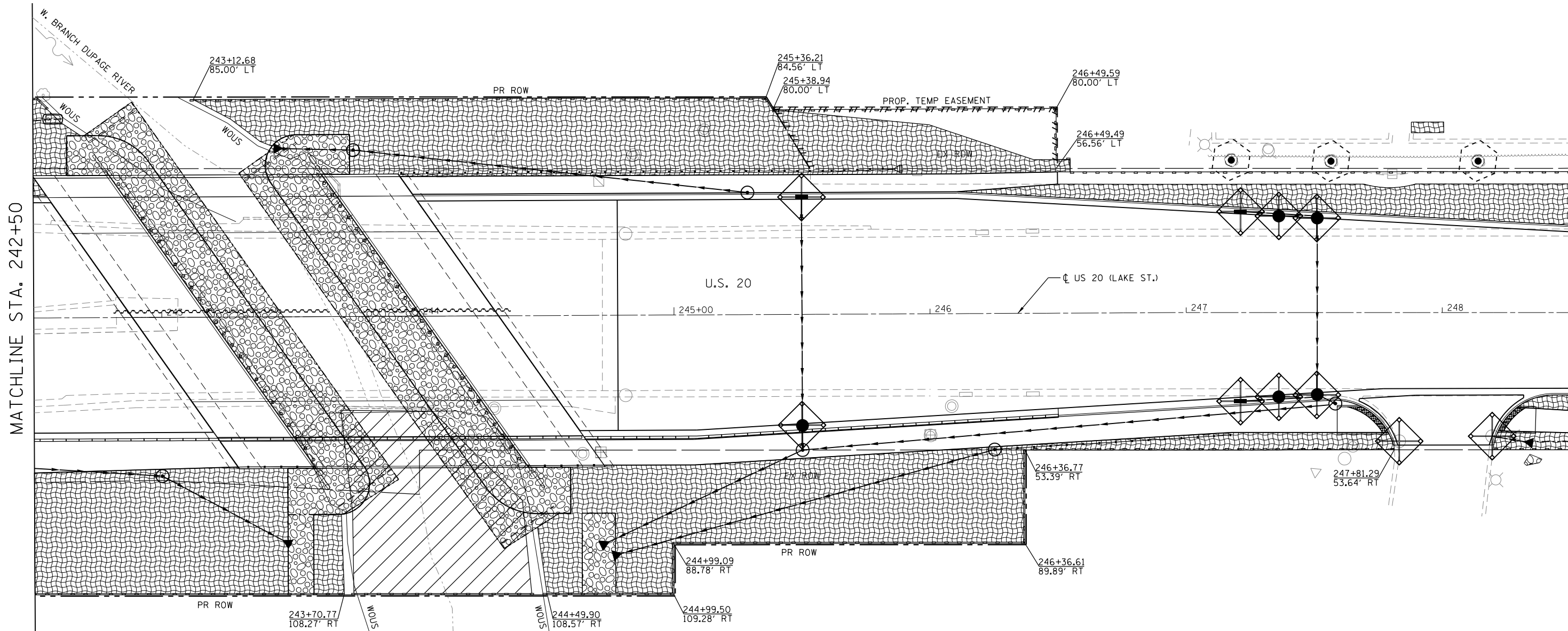
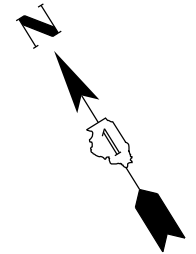
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
EROSION & SEDIMENT CONTROL PLAN**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 237+00 TO STA. 242+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	64
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				


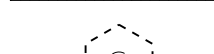

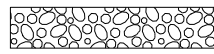

MATCHLINE STA. 242+50







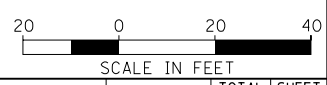
MATCHLINE STA. 242+50

MATCHLINE STA. 248+50

EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET
-  TREE TRUNK PROTECTION
-  STONE RIPRAP, CLASS A4
OVER STONE RIPRAP, CLASS A1 BEDDING
-  TEMPORARY SEDIMENT BASIN

-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  TEMPORARY DITCH CHECKS
-  STONE DUMPED RIPRAP, CLASS A5



D:\proj\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheet\US20_Eros-08.dgn



USER NAME = LindseyB	DESIGNED - LEB	REVISED -
DRAWN - JPS	REVISOR -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:36 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

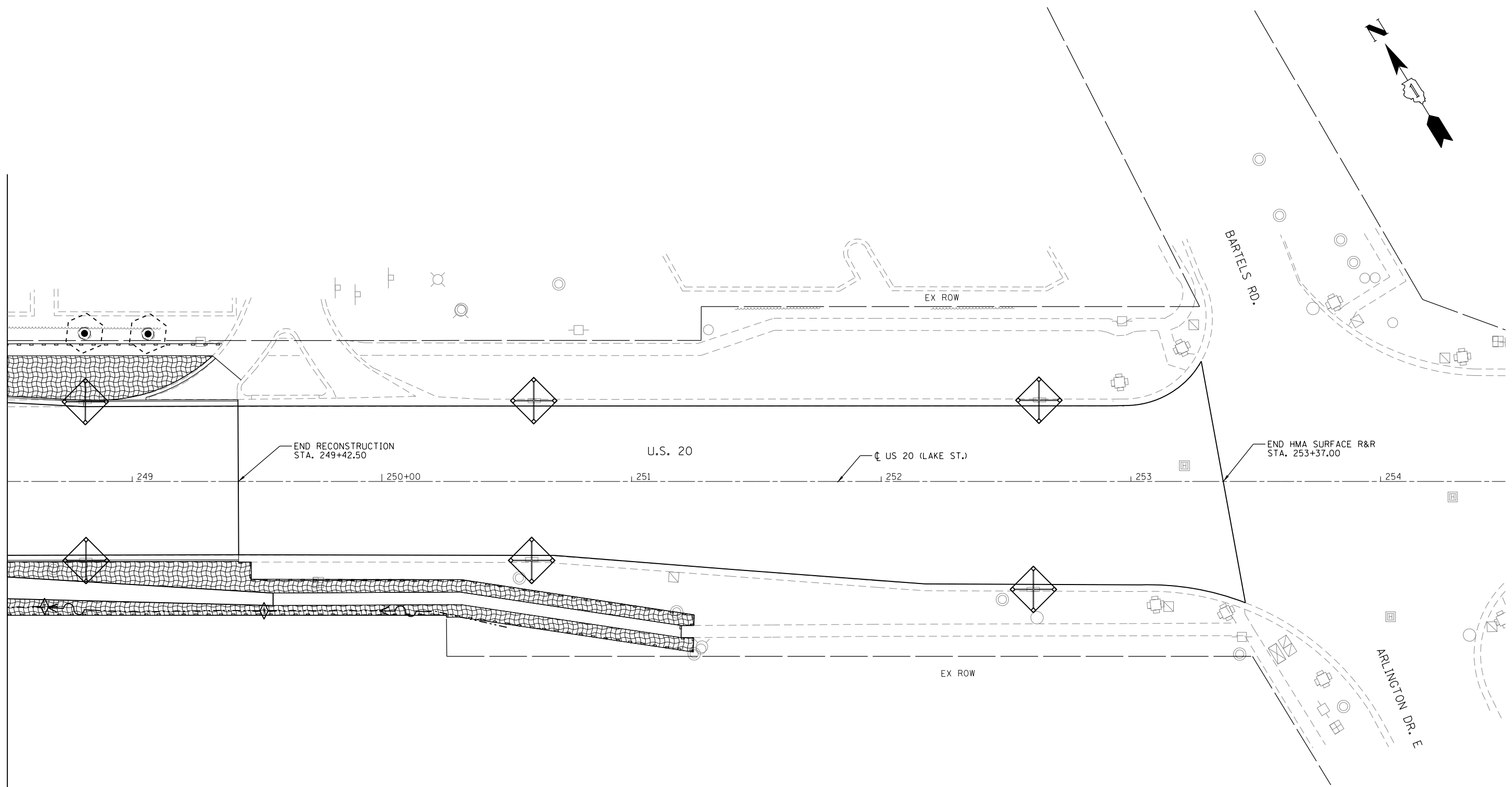
**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
EROSION & SEDIMENT CONTROL PLAN**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 242+50 TO STA. 248+50



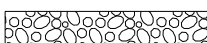

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	65
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				





Default: Mo., 2012/12/15 11:44:00 US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Eros-09.dgn

MATCHLINE STA. 248+50



EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING
TEMPORARY EROSION CONTROL BLANKET
-  TREE TRUNK PROTECTION
-  STONE RIPRAP, CLASS A4
OVER STONE RIPRAP, CLASS A1 BEDDING
-  TEMPORARY SEDIMENT BASIN

-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  TEMPORARY DITCH CHECKS
-  STONE DUMPED RIPRAP, CLASS A5

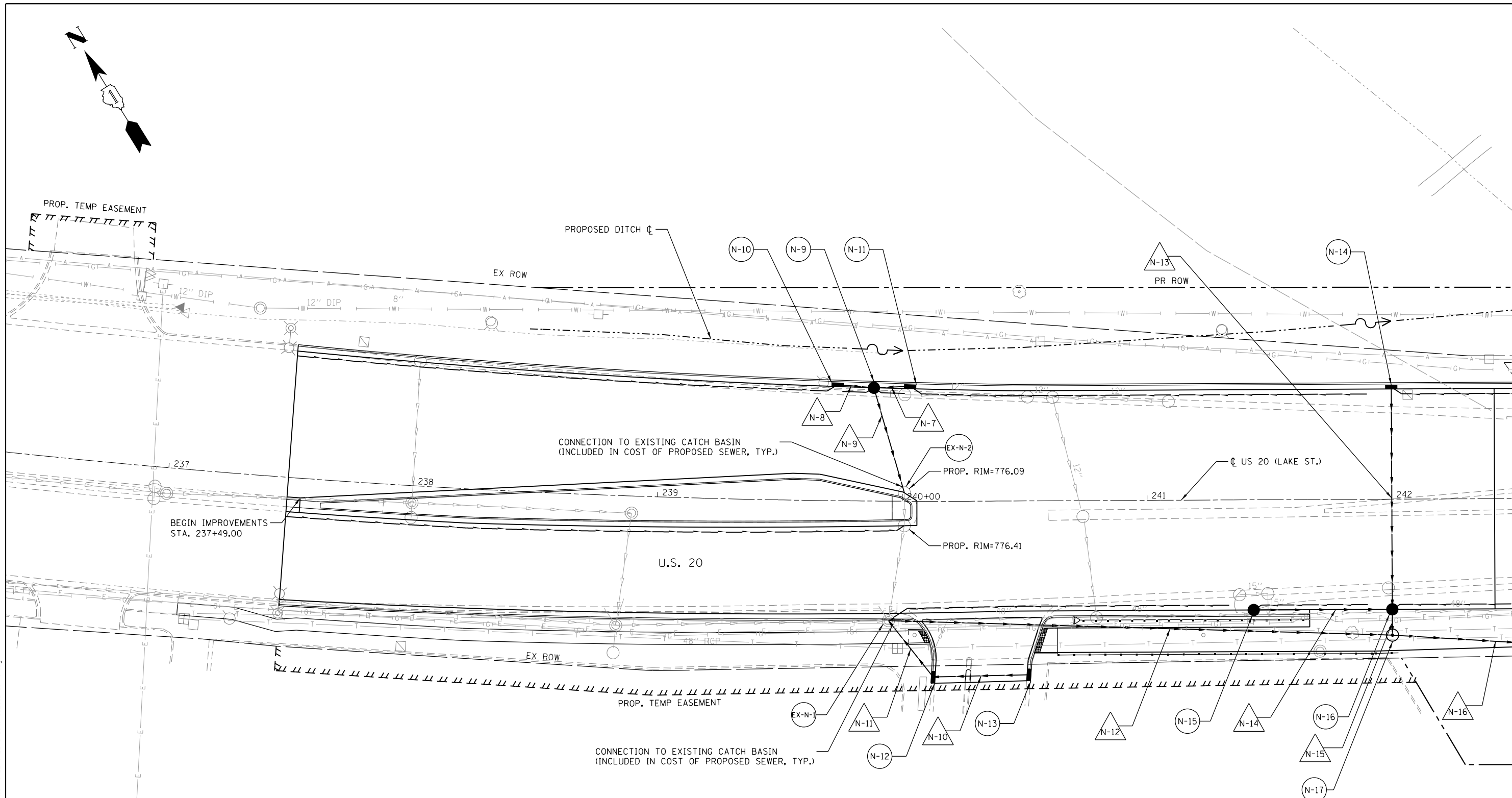
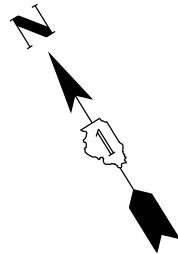


USER NAME = LindseyB	DESIGNED - LEB	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:16:37 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
EROSION & SEDIMENT CONTROL PLAN
 SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 248+50 TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	66
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



LEGEND

- EXISTING MH
- EXISTING CB
- EXISTING INLET
- PROPOSED MH
- PROPOSED CB
- PROPOSED INLET
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PIPE UNDERDRAIN, TYPE 2
- xx STRUCTURE NUMBER
- △ xx PIPE NUMBER

NOTE: PIPE UNDERDRAINS TYPE 2 SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED 6" BELOW THE SUBGRADE OR UNDERCUT. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.



D:\proj\12-154-003a US 20 West Branch Dupage River\Transportation\CADD\Sheets\US20_Drain-07.dgn
 10/20/2016 3:16:38 PM



USER NAME = LindseyB	DESIGNED - LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:38 PM	DATE -	REVISED -

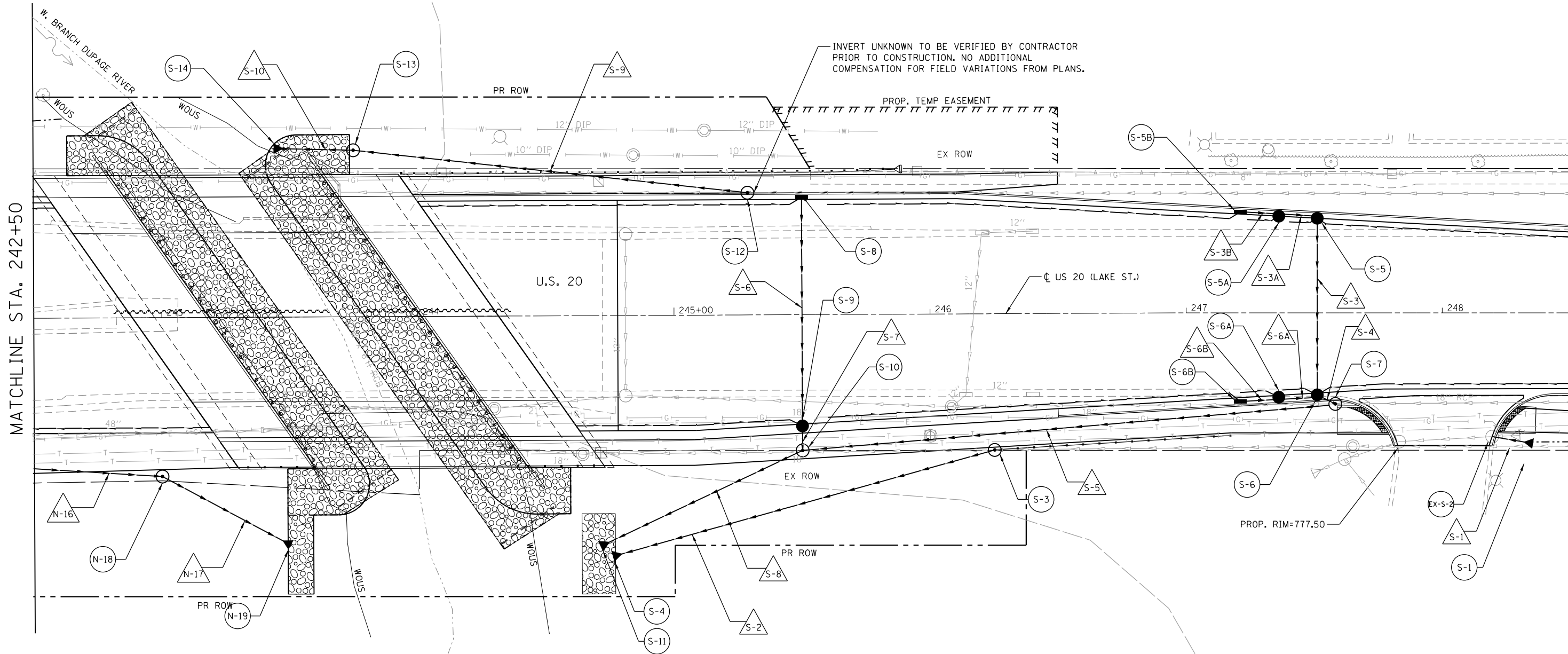
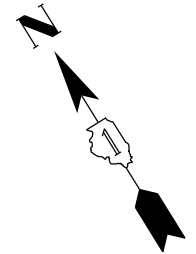
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
DRAINAGE PLAN**

SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 237+00 TO STA. 242+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	67
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 242+50



MATCHLINE STA. 242+50

MATCHLINE STA. 248+50

- LEGEND**
- ⊙ EXISTING MH
 - EXISTING CB
 - EXISTING INLET
 - ⊙ PROPOSED MH
 - PROPOSED CB
 - PROPOSED INLET
 - EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - PIPE UNDERDRAIN, TYPE 2
 - xx STRUCTURE NUMBER
 - △ PIPE NUMBER

NOTE: PIPE UNDERDRAINS TYPE 2 SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED 6" BELOW THE SUBGRADE OR UNDERCUT. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.



Default: Mo., 2012/12/15 4:00:30 US_20_West_Branch_Dupage_Stage_2\Design\Transportation\CADD_Sheets\US20_Drain_08.dgn



USER NAME = LindseyB
 PLOT SCALE = 1"=20'
 PLOT DATE = 10/20/2016 3:16:40 PM

DESIGNED - LEB
 DRAWN - JPS
 CHECKED - DDL
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

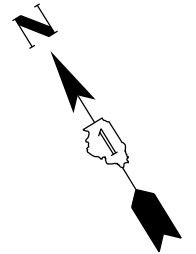
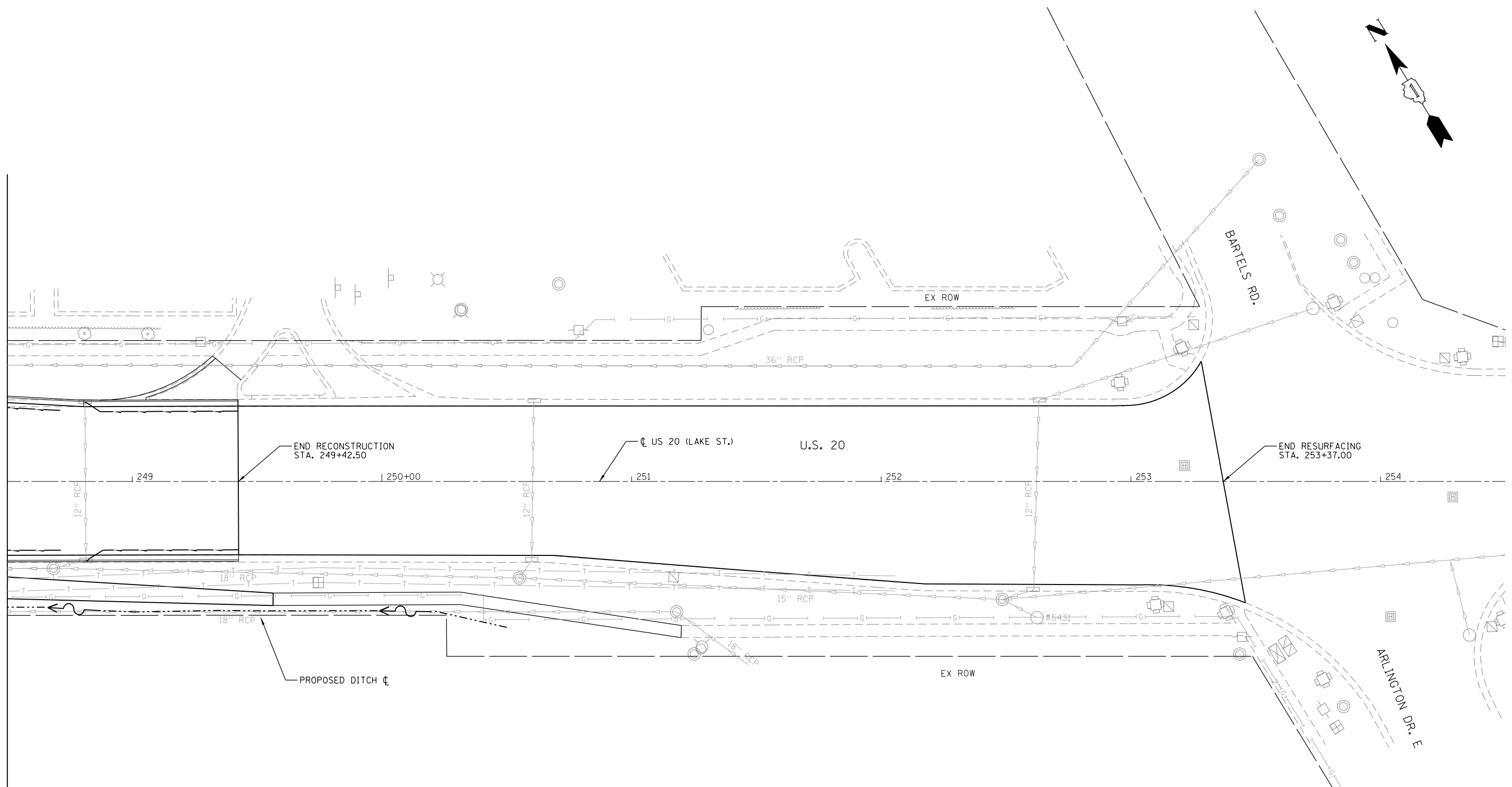
**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 DRAINAGE PLAN**

SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 242+50 TO STA. 248+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	68
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

Default: Ms. 2012\12-15\4-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Drain-09.dgn

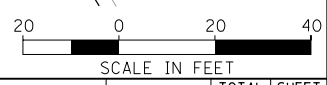
MATCHLINE STA. 248+50



LEGEND

- ⊙ EXISTING MH
- EXISTING CB
- EXISTING INLET
- ⊙ PROPOSED MH
- PROPOSED CB
- PROPOSED INLET
- ▶— EXISTING STORM SEWER
- ▶— PROPOSED STORM SEWER
- ▶— PIPE UNDERDRAIN, TYPE 2
- ⊙ xx STRUCTURE NUMBER
- △ xx PIPE NUMBER

NOTE: PIPE UNDERDRAINS TYPE 2 SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED 6" BELOW THE SUBGRADE OR UNDERCUT. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.



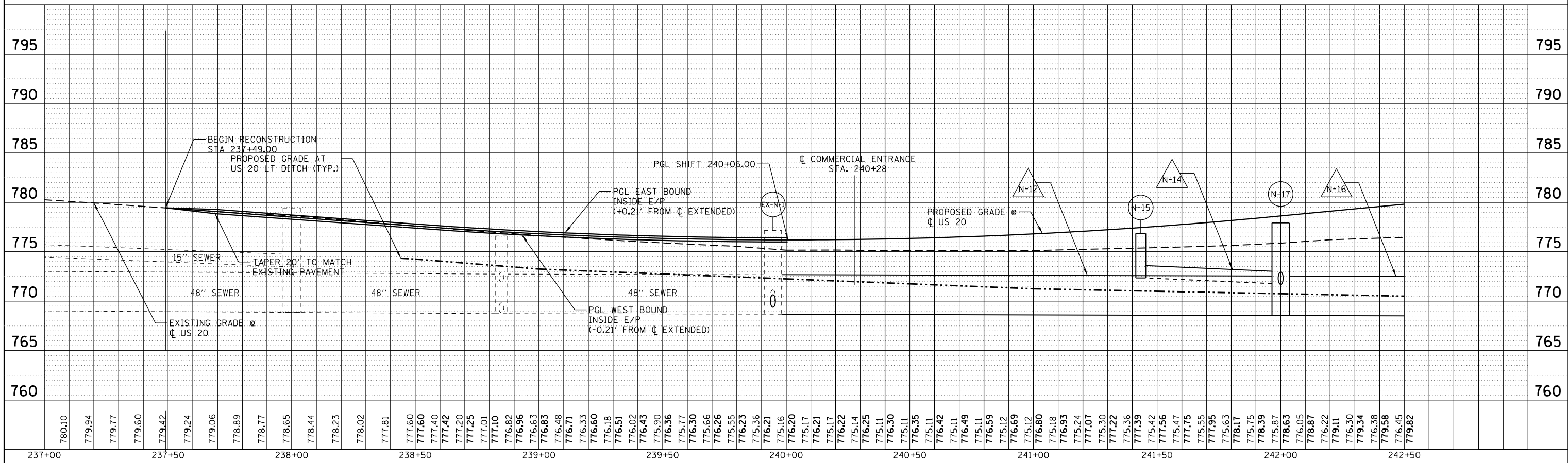
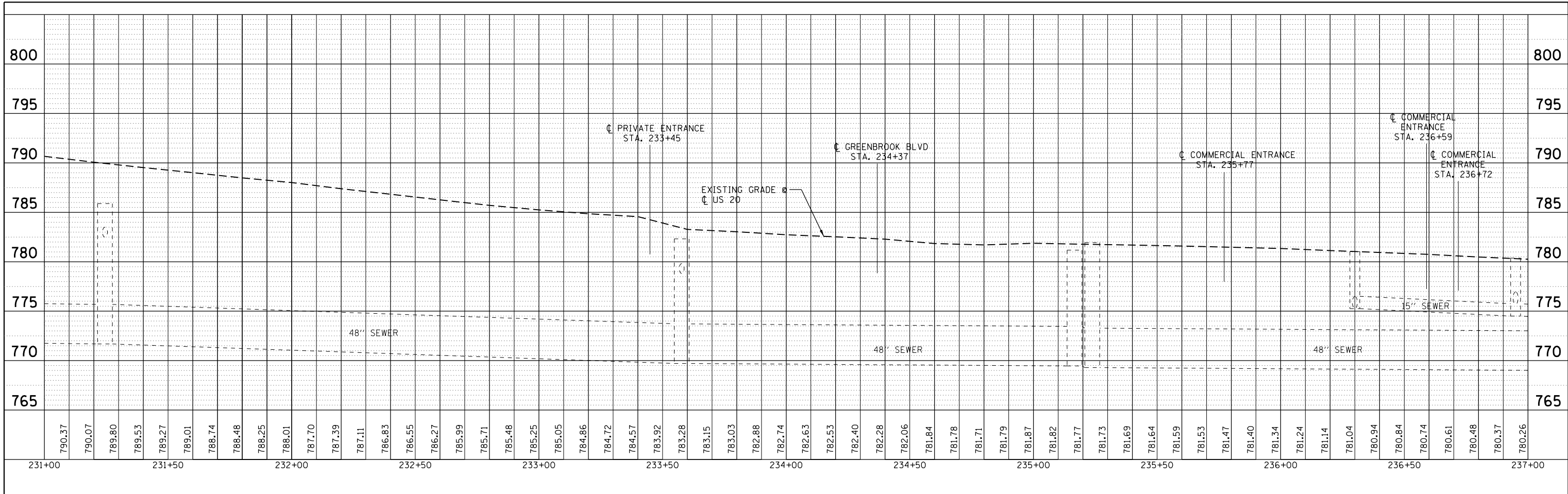
USER NAME = LindseyB	DESIGNED - LEB	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 10/20/2016 3:16:41 PM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
DRAINAGE PLAN**

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 248+50 TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	69
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



M:\2012\12-154-083a US 20 West Branch Transportation\CADD\Sheets\US20_DrainProfile-03.dgn
 Dr: default



USER NAME = LindseyB
 PLOT SCALE = 48.0000' / in.
 PLOT DATE = 10/20/2016

DESIGNED - LEB
 DRAWN - JPS
 CHECKED - DDL
 DATE - 10/20/2016

REVISED - _____
 REVISED - _____
 REVISED - _____
 REVISED - _____

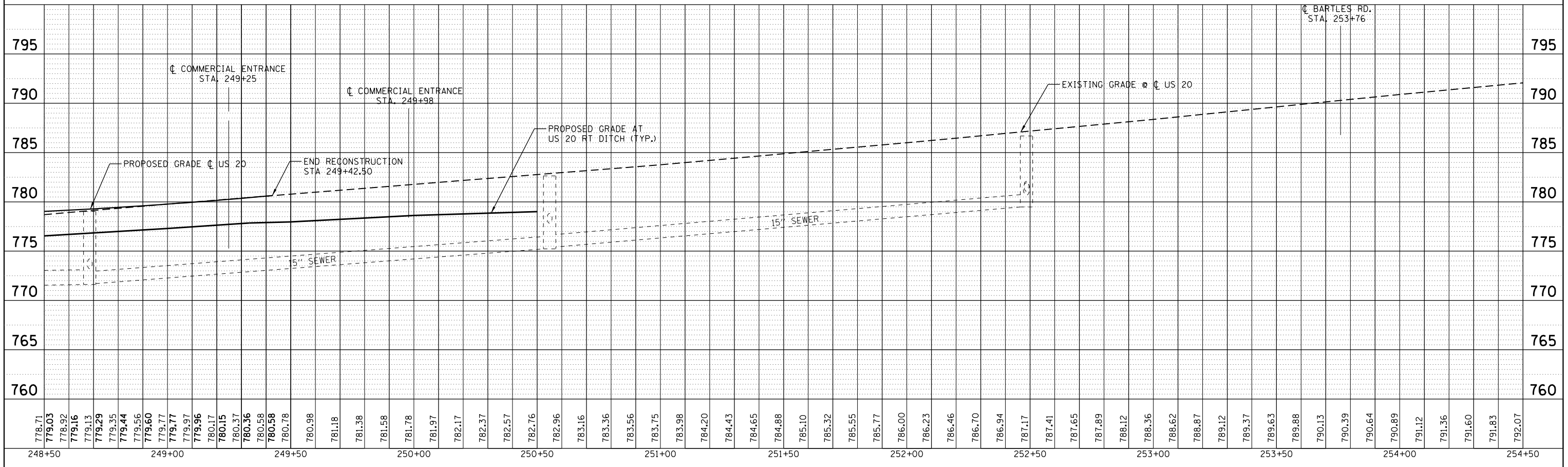
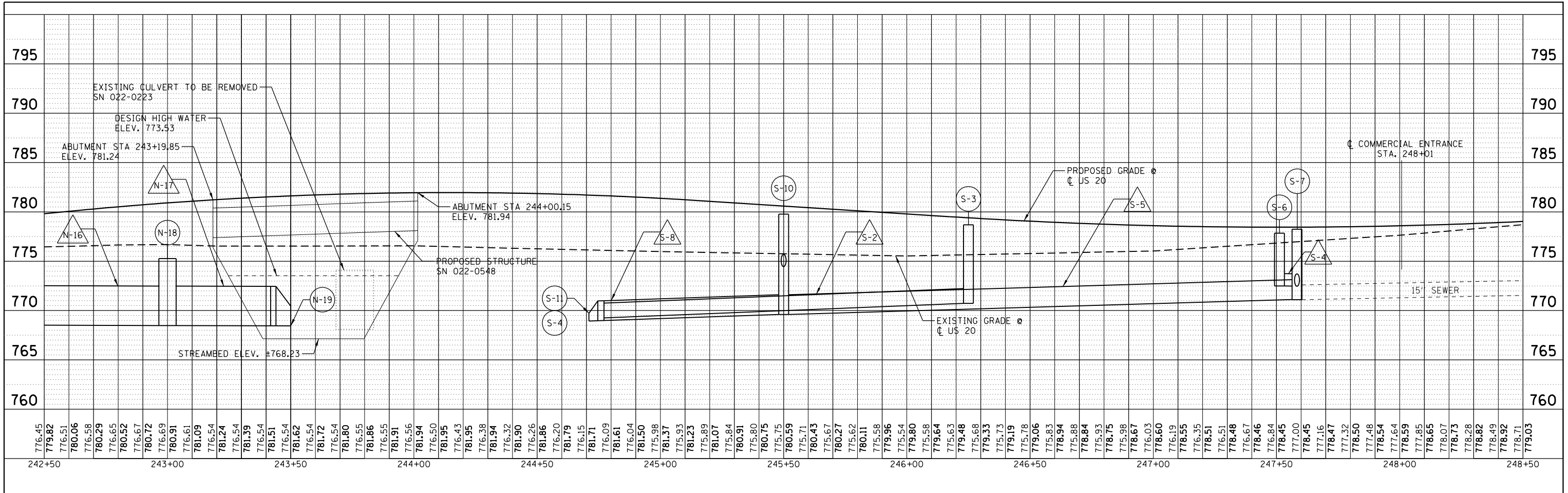
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
DRAINAGE PROFILE

SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 231+00 TO STA. 242+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	70
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

M:\2012\12-154-083a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_DrainProfile.dwg
 Date: 10/20/2016



USER NAME = LindseyB
 PLOT SCALE = 48.0000' / in.
 PLOT DATE = 10/20/2016

DESIGNED - LEB	REVISED -
DRAWN - JPS	REVISED -
CHECKED - DDL	REVISED -
DATE - 10/20/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
DRAINAGE PROFILE
 SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 242+50 TO STA. 254+50

F.A. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 71
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURE DATA

STRUCTURE NO.	STATION	OFFSET	DIRECTION	DESCRIPTION	F&G	RIM ELEVATION	NORTH	NORTHEAST	NORTHWEST	SOUTH	SOUTHEAST	SOUTHWEST	EAST	WEST
N-9	239+88.1	46.31	LT	4' DIA CB, TY A	T24	775.12						770.5	770.5	770.5
N-10	239+73.1	46.65	LT	INLET, TY A	T24	775.16							770.65	
N-11	240+03.1	45.97	LT	INLET, TY A	T24	775.16								770.65
EX-N-1	239+94.62	48.81	RT	EX STRUCTURE	N/A	777.83*		768.81 (EX)		769.4			768.68	768.68 (EX)
EX-N-2	240+00.87	3.42	LT	EX STRUCTURE	N/A	775.82	770.24			770.24 (EX)				
N-12	240+13.43	71.81	RT	INLET, TY A	T11	774.75	769.65						769.65	
N-13	240+50.69	70.98	RT	INLET, TY A	T11	774.75								770.00
N-14	242+00.00	45.00	LT	INLET, TY A	T24	777.67						772.90		
N-15	241+43.38	45.00	RT	4' DIA CB, TY A	T24	777.55					772.35			
N-16	242+00.00	45.00	RT	4' DIA CB, TY A	T24	778.21		772.45	771.75			771.75		
N-17	242+00.00	55.52	RT	7' DIA MH, TY A	T1F, CL	778.22		771.7	768.55		768.55			
N-18	243+00.00	62.00	RT	7' DIA MH, TY A	T1F, CL	775.27			768.48	768.48				
N-19	243+50.00	89.00	RT	48" FLARED END SECTION		N/A				768.45				
S-1	248+33.07	57.09	RT	12" FLARED END SECTION		N/A					775.75			
EX-S-2	248+19.49	48.31	RT	EXISTING STRUCTURE	N/A	777.95					775.65			775.27 (EX)
S-3	246+25.00	53.15	RT	4' DIA MH, TY A	T1F, CL	778.69							770.73 (EX)	770.73
S-4	244+76.00	94.00	RT	18" FLARED END SECTION		N/A							768.98	
S-5	247+51.18	36.95	LT	4' DIA CB, TY A	T24	777.68			772.9			772.9		
S-5A	247+36.18	37.76	LT	4' DIA CB, TY A	T24	777.67			773.05		773.05			
S-5B	247+21.18	32.92	LT	INLET, TY A	T24	777.69					773.20			
S-6	247+51.18	32.02	RT	4' DIA CB, TY A	T24	777.8		772.5	772.9	772.5				
S-6A	247+36.18	38.57	LT	4' DIA CB, TY A	T24	777.79			773.05		773.05			
S-6B	247+21.18	33.83	LT	INLET, TY A	T24	777.81					773.2			
S-7	247+58.30	35.54	RT	4' DIA MH, TY A	T1F, CL	778.25	772.45				771.10 (EX)			771.1
S-8	245+50.00	45.00	LT	INLET, TY A	T24	779.63						774.9		
S-9	245+50.00	43.43	RT	4' DIA CB, TY A	T24	779.67		774.5				774.5		
S-10	245+50.00	53.00	RT	4' DIA MH, TY A	T1F, CL	779.77		774.45					769.6	769.6
S-11	244+71.00	90.00	RT	24" FLARED END SECTION		N/A							768.94	
S-12	245+28.89	47.7	LT	5' DIA MH, TY A	T1F, CL	780.35*			768.9		768.9 (EX)			
S-13	243+75.00	65.00	LT	7' DIA MH, TY A	T1F, CL	777.5			768.5		768.5			
S-14	243+44.00	66.05	LT	36" FLARED END SECTION		N/A					768.4			

• BACK OF CURB ELEVATION

NOTE: STATION/OFFSET CALLOUTS FOR FLARED END SECTIONS ARE TO THE DOWNSTREAM END OF THE END SECTIONS.

Default: Mo: 2012/12/15 15:00:30 US 20 West Branch Stage 2\Design\Transportation\CADD\Sheet\US20_Drain_18.dgn



USER NAME = LindseyB	DESIGNED - LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = N/A	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:44 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
DRAINAGE SCHEDULE**

SCALE: N/A SHEET 6 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	72
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

DRAINAGE PIPE DATA

PIPE NO.	DIAMETER (IN)	CLASS	TYPE	LENGTH (LF)	SLOPE (%)	TRENCH BACKFILL (CY)	FROM	TO
N-7	15	A	2	11	1.36	1.44	N-11	N-9
N-8	15	A	2	11	1.36	1.44	N-10	N-9
N-9	15	A	2	41	0.63	8.88	N-9	EX-N-2
N-10	15	A	2	35	1.00	6.60	N-13	N-12
N-11	15	A	2	24	1.04	11.61	N-12	EX-N-1
N-12	48	A	2	193	0.07	106.01	EX-N-1	N-17
N-13	15	A	2	87	0.52	21.15	N-14	N-16
N-14	15	A	2	53	1.13	17.69	N-15	N-16
N-15	18	A	2	5	1.00	2.00	N-16	N-17
N-16	48	A	2	94	0.07	31.20	N-17	N-18
N-17	48	A	1	46	0.07	1.00	N-18	N-19
S-1	12	A	1	8	1.25	1.00	S-1	EX-S-2
S-2	18	A	1	147	0.98	1.13	S-3	S-4
S-3	15	A	2	65	0.62	13.46	S-5	S-6
S-3A	15	A	2	11	1.36	1.68	S-5A	S-5
S-3B	15	A	2	11	1.36	1.42	S-5B	S-5A
S-4	15	A	2	5	1.00	1.44	S-6	S-7
S-5	24	A	2	206	0.73	146.06	S-7	S-10
S-6	15	A	2	86	0.47	16.56	S-8	S-9
S-6A	15	A	2	11	1.36	1.89	S-6A	S-6
S-6B	15	A	2	11	1.36	1.63	S-6B	S-6A
S-7	15	A	2	6	0.83	1.44	S-9	S-10
S-8	24	A	2	80	0.83	9.95	S-10	S-11
S-9	36	A	2	150	0.27	127.92	S-12	S-13
S-10	36	A	2	20	0.33	1.00	S-13	S-14

Default
 Ms.:2012\12-15\1-003a US 20 West Branch Stage 2\Design\Transportation\CADD\CADD Sheets\US20_Drain-1.dgn



USER NAME = LindseyB	DESIGNED - LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = N/A	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:16:45 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
DRAINAGE SCHEDULE

SCALE: N/A SHEET 7 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	73
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62A60	

PART OF THE SE 1/4 OF SECTION 6 TWP. 40 N., R. 10 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	PERMANENT INDEX NUMBER
PARCEL 1KT0001	20.886	0.324	0.00	20.562		02-06-401-017 PT 02-06-401-016 PT*
PARCEL 1KT0001TE	20.886				0.018	765 02-06-401-017 PT 02-06-401-016 PT*
PARCEL 1KT0002TE	6.387				0.057	2494 02-06-401-019 PT
PARCEL 1KT0003	20.718	0.430	0.00	20.288		02-06-406-011 PT
PARCEL 1KT0004TE	13.642				0.106	4634 02-06-402-010 PT 02-06-402-011 PT

*NOTE: PIN 02-06-401-016 IS NOT EVIDENCED BY ANY PROVIDED DEED, PLAT, MONUMENTATION OR DISTINCT LINES OF OCCUPATION. PARCEL IS SHOWN HEREON FOR REFERENCE PURPOSES AS DEPICTED BY SCALE AND MINIMAL INFORMATION PER DUPAGE COUNTY TAX MAPS.

LEGEND

SECTION CORNER 9 10 16 15
QUARTER SECTION CORNER 16 15

SCALE 1" = 60'

0 30 60 90 120

Bearings and distances are referenced to the Illinois State Plane Coordinate Grid System, NAD83, East Zone, (NAD 1983-CORS ADJ.) Combination Scale Factor (Grid to Ground): 1.000053286

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC EXISTING ACCESS CONTROL LINE
- AC PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- 129.32' (129.32') RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5 / 8" REBAR SET

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

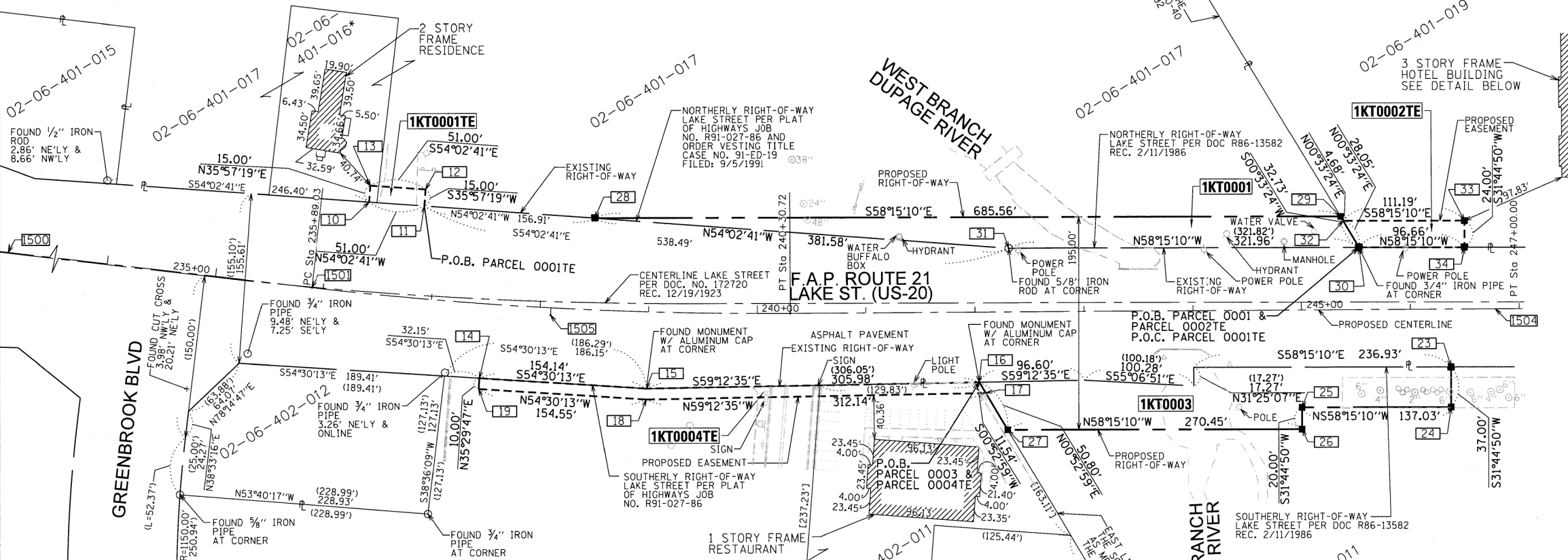
THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

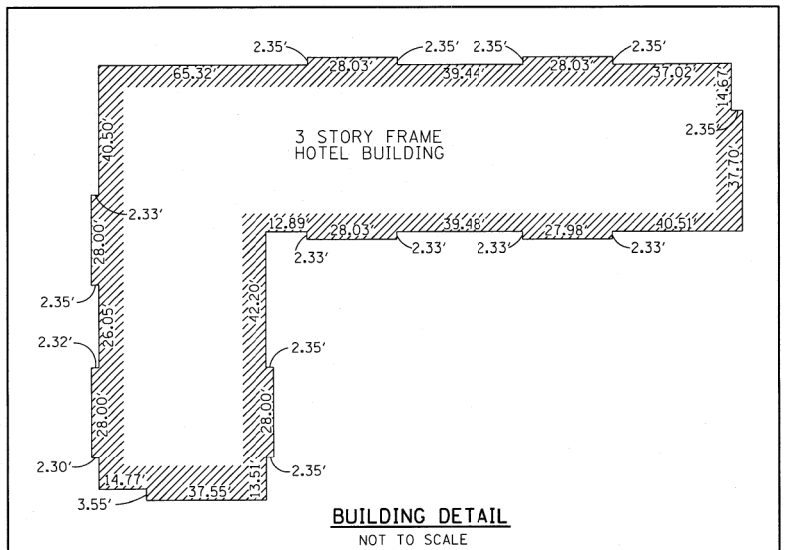
PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET



COORDINATE TABLE

POINT #	NORTHING	EASTING	STATION	OFFSET
1500 PT	1935366.808	1037791.718	233+00.00	0
1501 PC	1935186.784	1038017.836	235+89.03	0
1502 PT	1934933.535	1038379.373	240+30.72	0
1504 PT	1934583.886	1038950.049	246+99.99	0
1505 PI	1935049.056	1038190.827	238+09.88	6.785 LT
10	1935224.631	1038103.780	236+33.72	82.870 LT
11	1935194.686	1038145.064	236+85.92	84.154 LT
12	1935206.828	1038153.871	236+85.64	99.152 LT
13	1935236.773	1038112.588	236+33.22	97.862 LT
14	1935033.988	1038104.612	237+49.07	69.113 RT
16	1934787.857	1038492.956	242+03.68	64.877 RT
17	1934776.322	1038492.778	242+09.55	74.806 RT
18	1934936.106	1038224.634	239+00.34	81.062 RT
19	1935025.846	1038098.806	237+49.15	79.113 RT
23	1934571.129	1038868.676	246+37.27	53.389 RT
24	1934539.665	1038849.208	246+37.11	90.389 RT
25	1934611.764	1038732.684	245+00.08	89.787 RT
26	1934594.757	1038722.161	245+00.00	109.787 RT
27	1934737.062	1038492.173	242+29.54	108.599 RT
28	1935102.553	1038272.082	238+46.59	83.468 LT
29	1934741.828	1038855.071	245+36.49	85.055 LT
30	1934709.099	1038854.753	245+53.32	56.981 LT
32	1934737.153	1038855.025	245+38.90	81.045 LT
33	1934678.646	1038949.581	246+50.09	80.556 LT
34	1934658.237	1038936.953	246+49.98	56.556 LT
201	1935898.920	1036901.065	n/a	n/a
202	1936134.206	1039550.404	n/a	n/a
203	1933473.967	1039524.552	n/a	n/a
204	1933242.960	1036860.126	n/a	n/a



STATE OF ILLINOIS)
COUNTY OF COOK)SS

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR LICENSE NO. 035-003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 6, TOWNSHIP 40 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS _____ DAY OF _____ 20 ____ A.D.

GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2014

ILLINOIS PROFESSIONAL DESIGN FIRM REGISTRATION NO.: 184-004601

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

S & A SANCHEZ & ASSOCIATES, P.C.
LAND SURVEYORS

8604 W. CATALPA AVE. STE 912 CHICAGO, IL 60656
PH 773-444-0144 FAX 847-232-3104

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 21 (U.S. ROUTE 20)

LIMITS: COUNTY: DUPAGE
SECTION: JOB NO.: R-91-021-13
STATION 235+89.03 TO STATION 247+00.00
SCALE: 1"=60' SHEET 3 OF 3

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196

IDOT USE ONLY

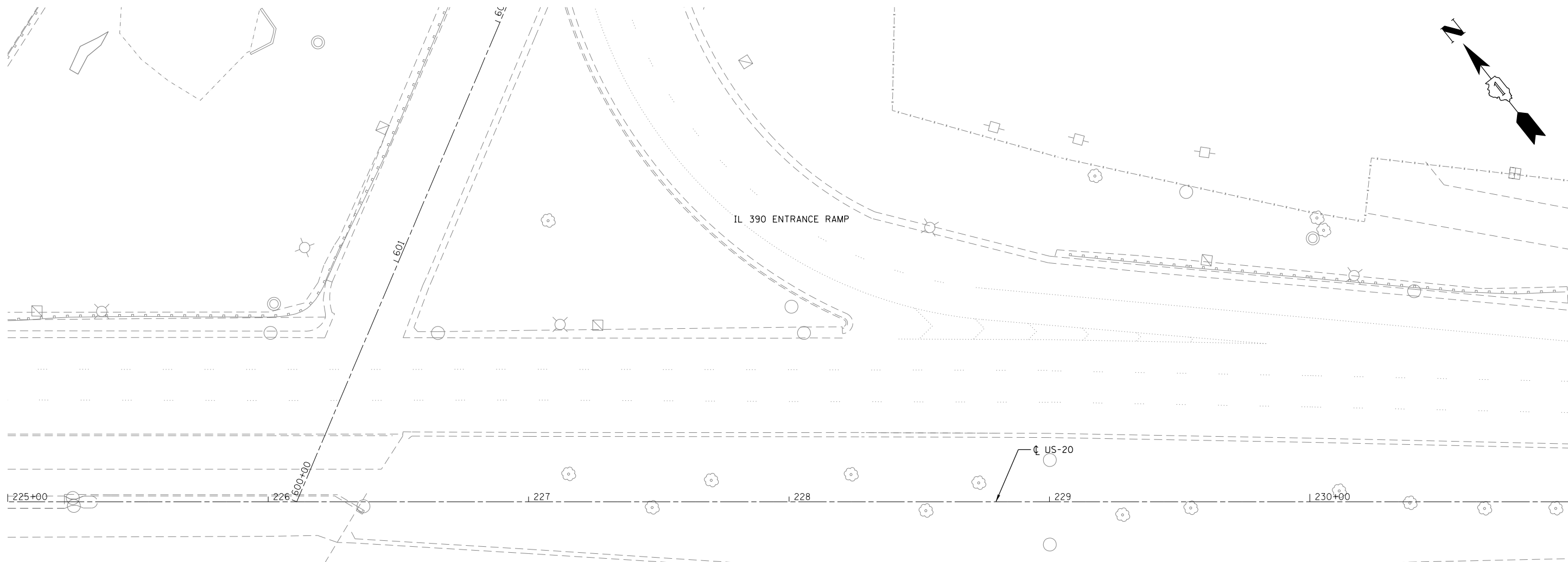
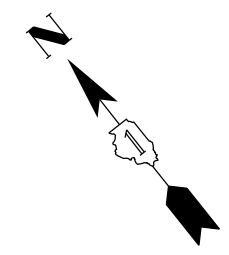
RECEIVED
MAR 04 2015

PLATS & LEGALS

REVISION DATE: 3 / 2 / 15
REVISION DATE: 2 / 17 / 14
REVISION DATE: 2 / 4 / 14

REVISION MADE BY: WC
REVISION MADE BY: WC
REVISION MADE BY: WC

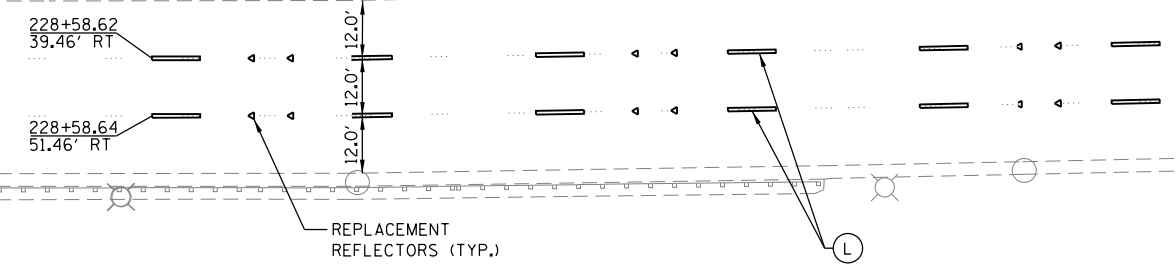
Default: Mo., 2012\12-154-003a US 20 West Branch-Stage 2\Drawn\Transportation\CADD\Sheet\US20_ROW-02.dgn



MATCHLINE STA. 231+00

PAVEMENT MARKING AND SIGNING LEGEND

- RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED THROUGHOUT THE PROJECT LIMITS
- ↑ TELESCOPING STEEL SIGN SUPPORT
NEW OR RELOCATED SIGN PANEL(S)
 - (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE
 - (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW
 - (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID DOUBLE YELLOW
 - (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" DASHED WHITE (10' DASH - 30' SKIP)
 - (E) THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOTTED WHITE
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" SOLID WHITE
 - (G) THERMOPLASTIC PAVEMENT MARKING - LINE 6" DOTTED WHITE (2' DASH - 6' SKIP)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID WHITE
 - (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID YELLOW
 - (J) THERMOPLASTIC PAVEMENT MARKING - LINE 24" SOLID WHITE
 - (K) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS WHITE
 - (L) POLYUREA PAVEMENT MARKING TYPE I - LINE 4" DASHED WHITE (10' DASH - 30' SKIP)
 - (M) POLYUREA PAVEMENT MARKING TYPE I - LINE 6" DOTTED WHITE (2' DASH - 6' SKIP)
 - (N) POLYUREA PAVEMENT MARKING TYPE I - LINE 12" SOLID YELLOW
 - (O) POLYUREA PAVEMENT MARKING TYPE I - LINE 4" SOLID DOUBLE YELLOW
 - (P) POLYUREA PAVEMENT MARKING TYPE I - LINE 6" SOLID WHITE
 - (Q) POLYUREA PAVEMENT MARKING TYPE I - LINE 24" SOLID WHITE
 - (R) POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS WHITE
 - (S) POLYUREA PAVEMENT MARKING TYPE I - LINE 12" SOLID WHITE
 - (T) THERMOPLASTIC PAVEMENT MARKING - LINE 8" SOLID WHITE



D:\cadd\12-154-003a US 20 West Branch Dupage River\Transportation\CADD\Sheets\US20_MarkSign-05.dgn



USER NAME = LindseyB	DESIGNED - AB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:17:54 PM	DATE -	REVISED -

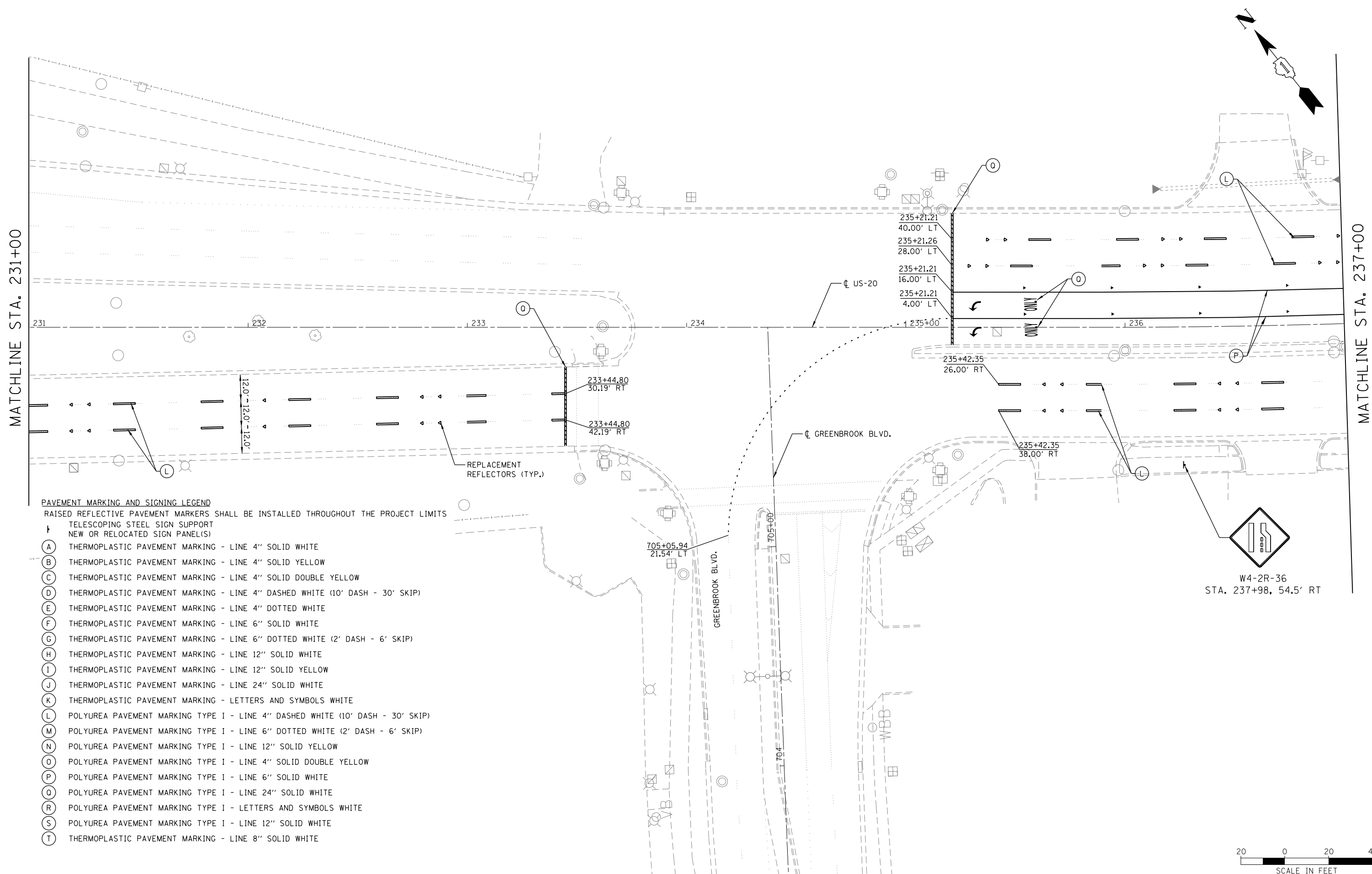
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
PAVEMENT MARKING & SIGNING PLAN**

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 225+00 TO STA. 231+00

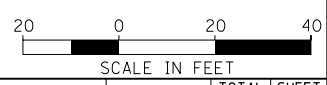
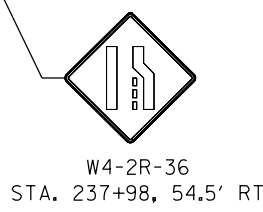
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	76
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

D:\proj\12-154-003a US 20 West Branch Dupage River\Transportation\CA00D Sheets\US20_MarkSign-06.dgn



PAVEMENT MARKING AND SIGNING LEGEND
 RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED THROUGHOUT THE PROJECT LIMITS

- ↑ TELESCOPING STEEL SIGN SUPPORT
NEW OR RELOCATED SIGN PANEL(S)
- (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE
- (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID DOUBLE YELLOW
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" DASHED WHITE (10' DASH - 30' SKIP)
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOTTED WHITE
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" SOLID WHITE
- (G) THERMOPLASTIC PAVEMENT MARKING - LINE 6" DOTTED WHITE (2' DASH - 6' SKIP)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID WHITE
- (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID YELLOW
- (J) THERMOPLASTIC PAVEMENT MARKING - LINE 24" SOLID WHITE
- (K) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS WHITE
- (L) POLYUREA PAVEMENT MARKING TYPE I - LINE 4" DASHED WHITE (10' DASH - 30' SKIP)
- (M) POLYUREA PAVEMENT MARKING TYPE I - LINE 6" DOTTED WHITE (2' DASH - 6' SKIP)
- (N) POLYUREA PAVEMENT MARKING TYPE I - LINE 12" SOLID YELLOW
- (O) POLYUREA PAVEMENT MARKING TYPE I - LINE 4" SOLID DOUBLE YELLOW
- (P) POLYUREA PAVEMENT MARKING TYPE I - LINE 6" SOLID WHITE
- (Q) POLYUREA PAVEMENT MARKING TYPE I - LINE 24" SOLID WHITE
- (R) POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS WHITE
- (S) POLYUREA PAVEMENT MARKING TYPE I - LINE 12" SOLID WHITE
- (T) THERMOPLASTIC PAVEMENT MARKING - LINE 8" SOLID WHITE



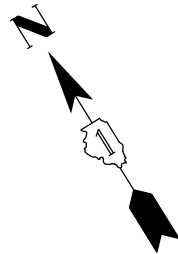
USER NAME = LindseyB	DESIGNED - AB	REVISED -
PLOT SCALE = 1"=20'	DRAWN - JPS	REVISED -
PLOT DATE = 11/16/2016 10:11:36 AM	CHECKED - DDL	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 PAVEMENT MARKING & SIGNING PLAN**

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 231+00 TO STA. 237+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	77
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

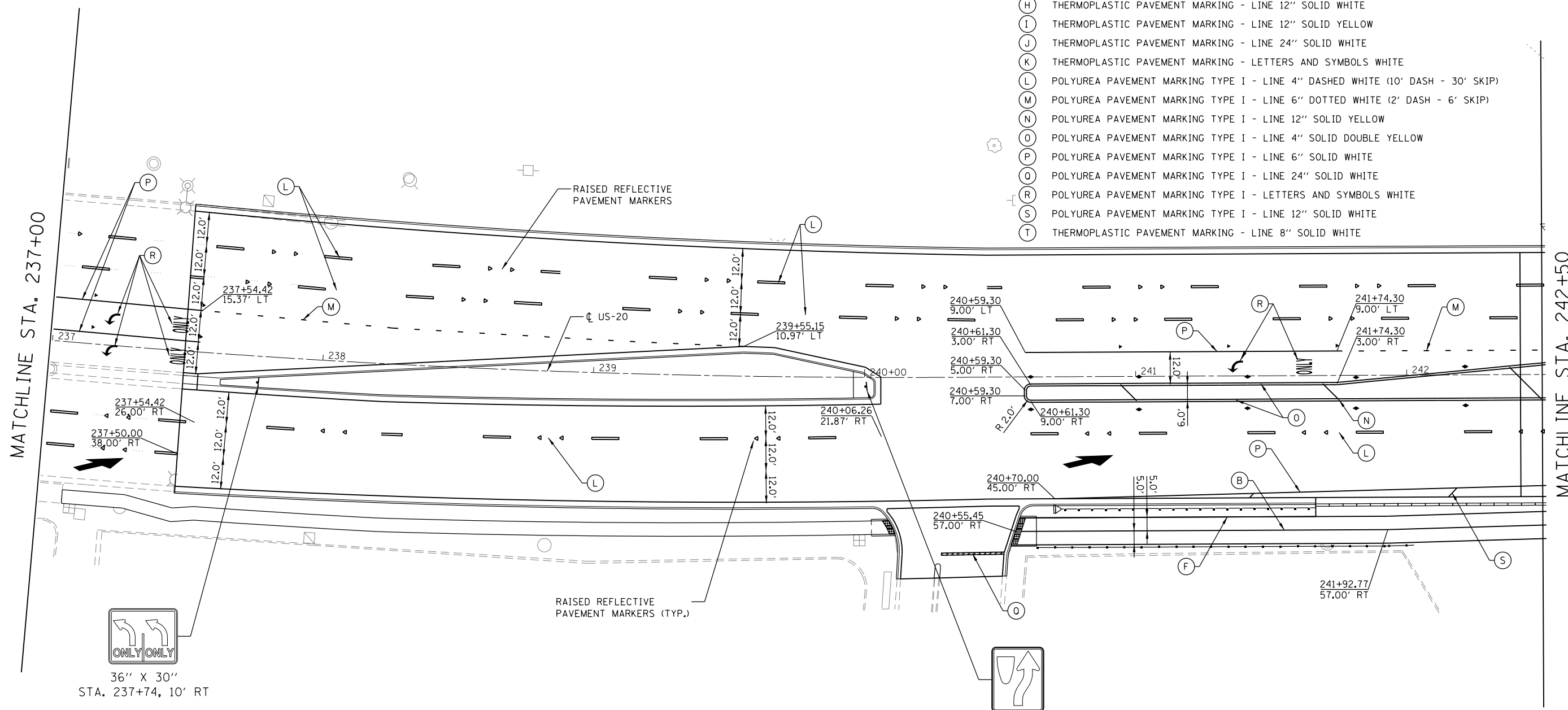


PAVEMENT MARKING AND SIGNING LEGEND

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED THROUGHOUT THE PROJECT LIMITS


† TELESCOPING STEEL SIGN SUPPORT
NEW OR RELOCATED SIGN PANEL(S)

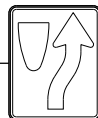
(A)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE
(B)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW
(C)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID DOUBLE YELLOW
(D)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" DASHED WHITE (10' DASH - 30' SKIP)
(E)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOTTED WHITE
(F)	THERMOPLASTIC PAVEMENT MARKING - LINE 6" SOLID WHITE
(G)	THERMOPLASTIC PAVEMENT MARKING - LINE 6" DOTTED WHITE (2' DASH - 6' SKIP)
(H)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID WHITE
(I)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID YELLOW
(J)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" SOLID WHITE
(K)	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS WHITE
(L)	POLYUREA PAVEMENT MARKING TYPE I - LINE 4" DASHED WHITE (10' DASH - 30' SKIP)
(M)	POLYUREA PAVEMENT MARKING TYPE I - LINE 6" DOTTED WHITE (2' DASH - 6' SKIP)
(N)	POLYUREA PAVEMENT MARKING TYPE I - LINE 12" SOLID YELLOW
(O)	POLYUREA PAVEMENT MARKING TYPE I - LINE 4" SOLID DOUBLE YELLOW
(P)	POLYUREA PAVEMENT MARKING TYPE I - LINE 6" SOLID WHITE
(Q)	POLYUREA PAVEMENT MARKING TYPE I - LINE 24" SOLID WHITE
(R)	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS WHITE
(S)	POLYUREA PAVEMENT MARKING TYPE I - LINE 12" SOLID WHITE
(T)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" SOLID WHITE



MATCHLINE STA. 237+00

MATCHLINE STA. 242+50


 36" X 30"
 STA. 237+74, 10' RT


 R4-7-2430



D:\cadd\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MarkSign-07.dgn



USER NAME = LindseyB	DESIGNED - AB	REVISED -
DRAWN - JPS	REVISOR -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 11/16/2016 10:01:45 AM	DATE -	REVISED -

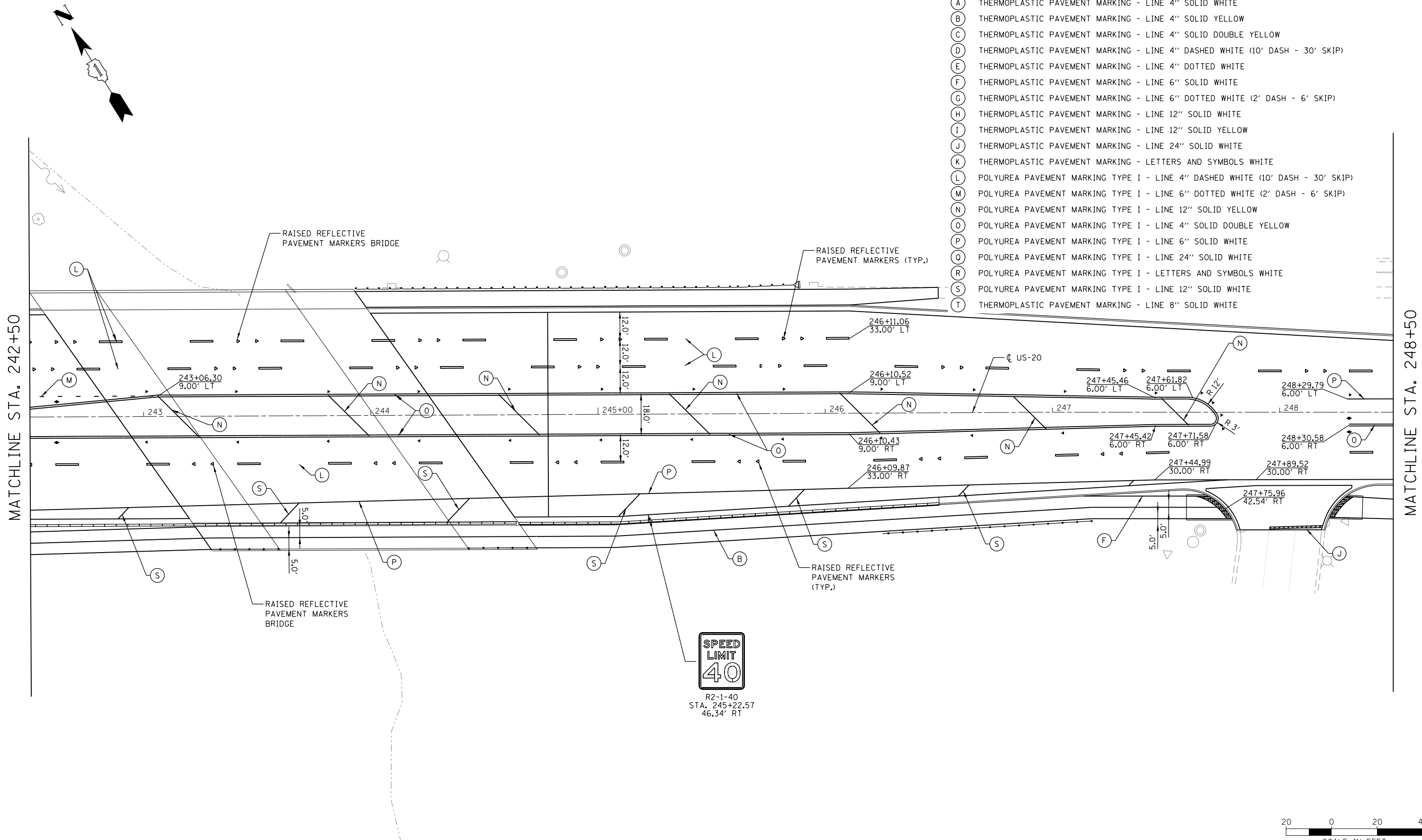
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
PAVEMENT MARKING & SIGNING PLAN**

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 237+00 TO STA. 242+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	78
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

- PAVEMENT MARKING AND SIGNING LEGEND**
 RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED THROUGHOUT THE PROJECT LIMITS
- † TELESCOPING STEEL SIGN SUPPORT
NEW OR RELOCATED SIGN PANEL(S)
 - (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE
 - (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW
 - (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID DOUBLE YELLOW
 - (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" DASHED WHITE (10' DASH - 30' SKIP)
 - (E) THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOTTED WHITE
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" SOLID WHITE
 - (G) THERMOPLASTIC PAVEMENT MARKING - LINE 6" DOTTED WHITE (2' DASH - 6' SKIP)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID WHITE
 - (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID YELLOW
 - (J) THERMOPLASTIC PAVEMENT MARKING - LINE 24" SOLID WHITE
 - (K) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS WHITE
 - (L) POLYUREA PAVEMENT MARKING TYPE I - LINE 4" DASHED WHITE (10' DASH - 30' SKIP)
 - (M) POLYUREA PAVEMENT MARKING TYPE I - LINE 6" DOTTED WHITE (2' DASH - 6' SKIP)
 - (N) POLYUREA PAVEMENT MARKING TYPE I - LINE 12" SOLID YELLOW
 - (O) POLYUREA PAVEMENT MARKING TYPE I - LINE 4" SOLID DOUBLE YELLOW
 - (P) POLYUREA PAVEMENT MARKING TYPE I - LINE 6" SOLID WHITE
 - (Q) POLYUREA PAVEMENT MARKING TYPE I - LINE 24" SOLID WHITE
 - (R) POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS WHITE
 - (S) POLYUREA PAVEMENT MARKING TYPE I - LINE 12" SOLID WHITE
 - (T) THERMOPLASTIC PAVEMENT MARKING - LINE 8" SOLID WHITE



D:\proj\12-154-003a_US_20_West_Branch_Stage_2\Design\Transportation\CAADD_Sheets\US20_MarkSign-08.dgn
 Mo., 2012/12/15 4:00:30 PM



USER NAME = LindseyB	DESIGNED - AB	REVISED -
DRAWN - JPS	REVISIONS -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISIONS -
PLOT DATE = 10/20/2016 3:17:58 PM	DATE -	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 PAVEMENT MARKING & SIGNING PLAN**
 SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 242+50 TO STA. 248+50

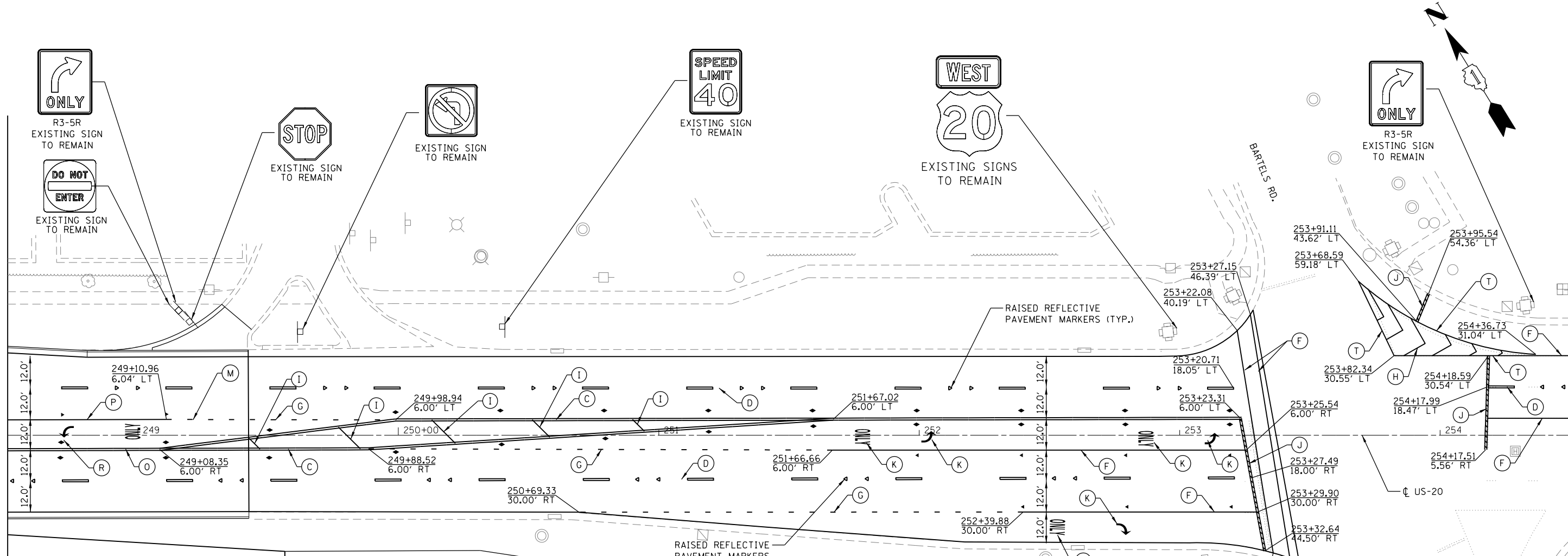
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	79
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



Default: Mo: 2012\12-15\4-003a US 20 West Branch-Stage 2\Design\Transportation\CADD\Sheets\US20_MarkSign-09.dgn

MATCHLINE STA. 248+50

MATCHLINE STA. 254+50

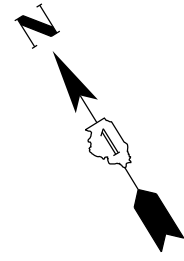


USER NAME = LindseyB	DESIGNED - AB	REVISED -
DRAWN - JPS	REVISOR -	
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISOR -
PLOT DATE = 10/20/2016 3:17:59 PM	DATE -	REVISOR -

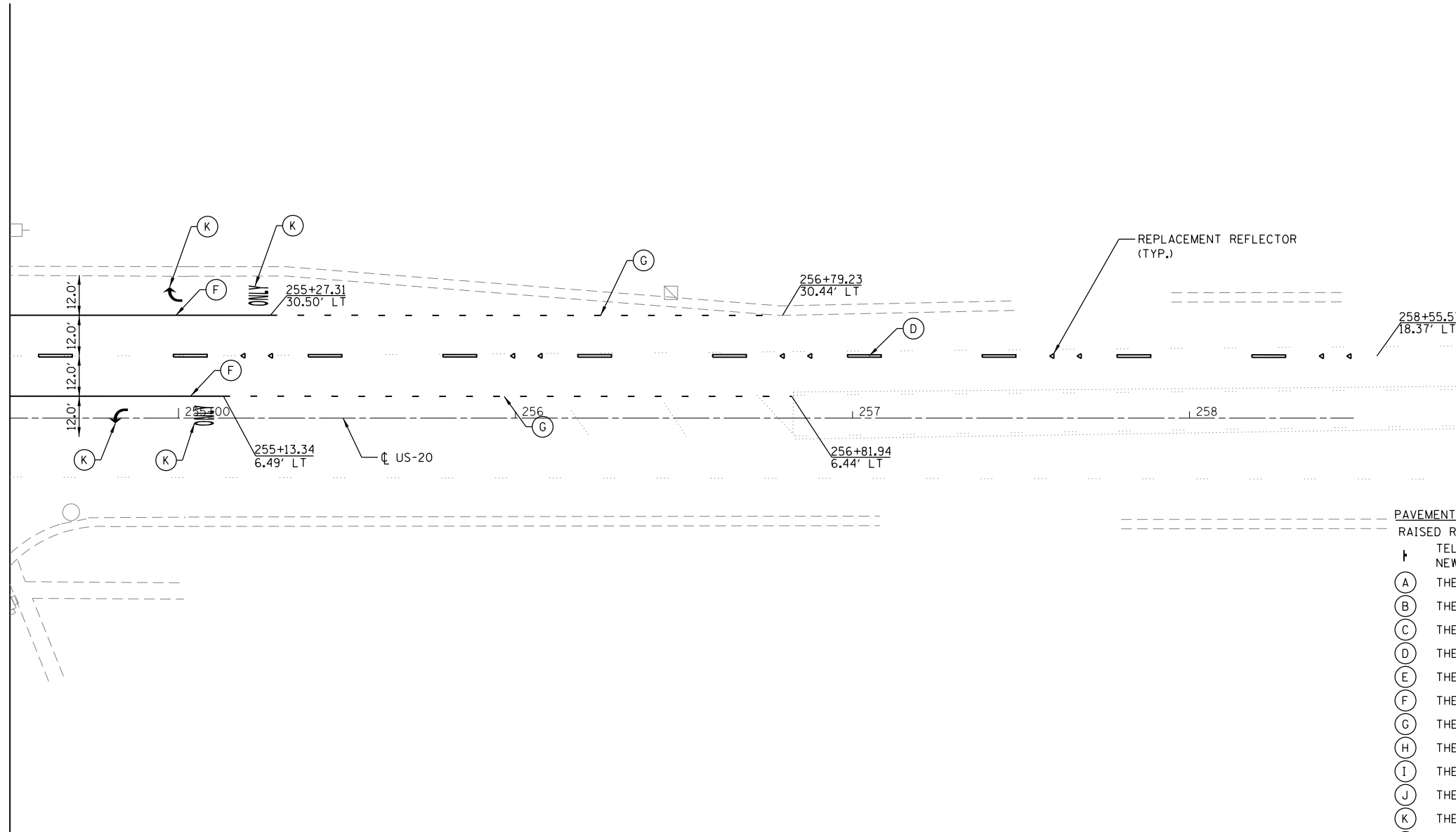
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
PAVEMENT MARKING & SIGNING PLAN
 SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 248+50 TO STA. 254+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	80
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 254+50



- PAVEMENT MARKING AND SIGNING LEGEND**
 RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED THROUGHOUT THE PROJECT LIMITS
- † TELESCOPING STEEL SIGN SUPPORT
NEW OR RELOCATED SIGN PANEL(S)
 - (A) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE
 - (B) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW
 - (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID DOUBLE YELLOW
 - (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" DASHED WHITE (10' DASH - 30' SKIP)
 - (E) THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOTTED WHITE
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 6" SOLID WHITE
 - (G) THERMOPLASTIC PAVEMENT MARKING - LINE 6" DOTTED WHITE (2' DASH - 6' SKIP)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID WHITE
 - (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID YELLOW
 - (J) THERMOPLASTIC PAVEMENT MARKING - LINE 24" SOLID WHITE
 - (K) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS WHITE
 - (L) POLYUREA PAVEMENT MARKING TYPE I - LINE 4" DASHED WHITE (10' DASH - 30' SKIP)
 - (M) POLYUREA PAVEMENT MARKING TYPE I - LINE 6" DOTTED WHITE (2' DASH - 6' SKIP)
 - (N) POLYUREA PAVEMENT MARKING TYPE I - LINE 12" SOLID YELLOW
 - (O) POLYUREA PAVEMENT MARKING TYPE I - LINE 4" SOLID DOUBLE YELLOW
 - (P) POLYUREA PAVEMENT MARKING TYPE I - LINE 6" SOLID WHITE
 - (Q) POLYUREA PAVEMENT MARKING TYPE I - LINE 24" SOLID WHITE
 - (R) POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS WHITE
 - (S) POLYUREA PAVEMENT MARKING TYPE I - LINE 12" SOLID WHITE
 - (T) THERMOPLASTIC PAVEMENT MARKING - LINE 8" SOLID WHITE



Default: Ms. 2012\12-15-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_MarkSign-10.dgn



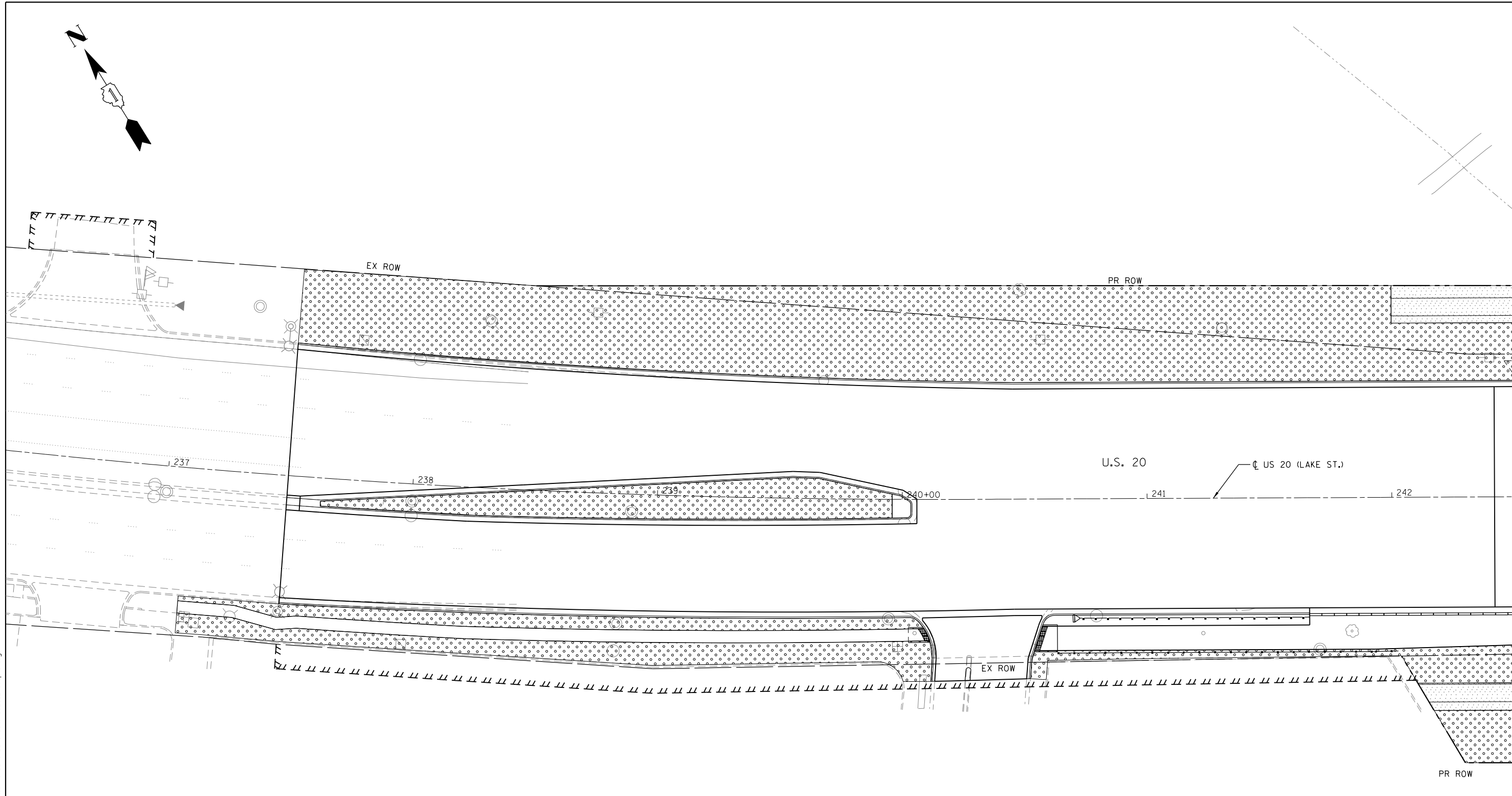
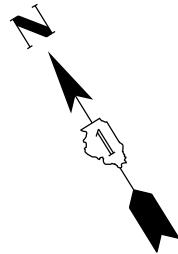
USER NAME = LindseyB	DESIGNED - AB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:18:00 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
PAVEMENT MARKING & SIGNING PLAN**

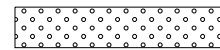
SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 254+50 TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	81
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

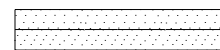


MATCHLINE STA. 242+50

LANDSCAPING LEGEND



SEEDING, CLASS 2A
 TOPSOIL FURNISH AND PLACE, 6"
 NITROGEN FERTILIZER NUTRIENT
 POTASSIUM FERTILIZER NUTRIENT
 EROSION CONTROL BLANKET



SEEDING, CLASS 4B
 TOPSOIL FURNISH AND PLACE, 6"
 NITROGEN FERTILIZER NUTRIENT
 POTASSIUM FERTILIZER NUTRIENT
 EROSION CONTROL BLANKET



Default
 Mo., 2012\12-15\4-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Landscape-07.dgn



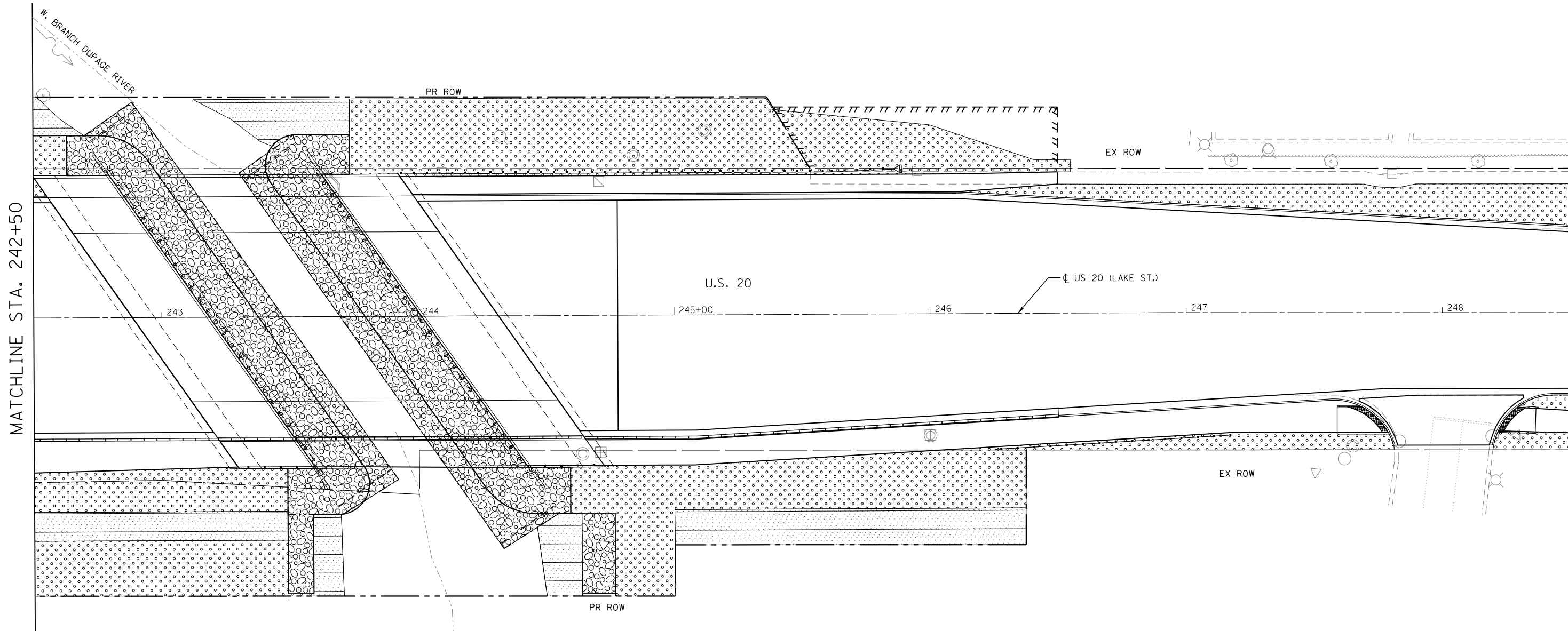
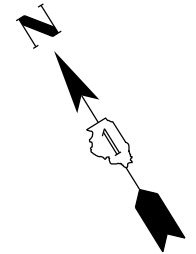
USER NAME = LindseyB	DESIGNED - LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:18:02 PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

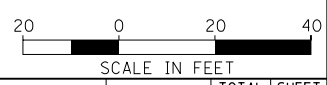
**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 LANDSCAPE PLAN**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 237+00 TO STA. 242+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	82
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	



- LANDSCAPING LEGEND**
- SEEDING, CLASS 2A
 TOPSOIL FURNISH AND PLACE, 6"
 NITROGEN FERTILIZER NUTRIENT
 POTASSIUM FERTILIZER NUTRIENT
 EROSION CONTROL BLANKET
 - SEEDING, CLASS 4B
 TOPSOIL FURNISH AND PLACE, 6"
 NITROGEN FERTILIZER NUTRIENT
 POTASSIUM FERTILIZER NUTRIENT
 EROSION CONTROL BLANKET



Default
 Mo., 2012\12-15\4-003a US 20 West Branch Stage 2\Design\Transportation\CADD Sheets\US20_Landscape-08.dgn



USER NAME = LindseyB	DESIGNED - LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:18:03 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
LANDSCAPE PLAN

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 242+50 TO STA. 248+50

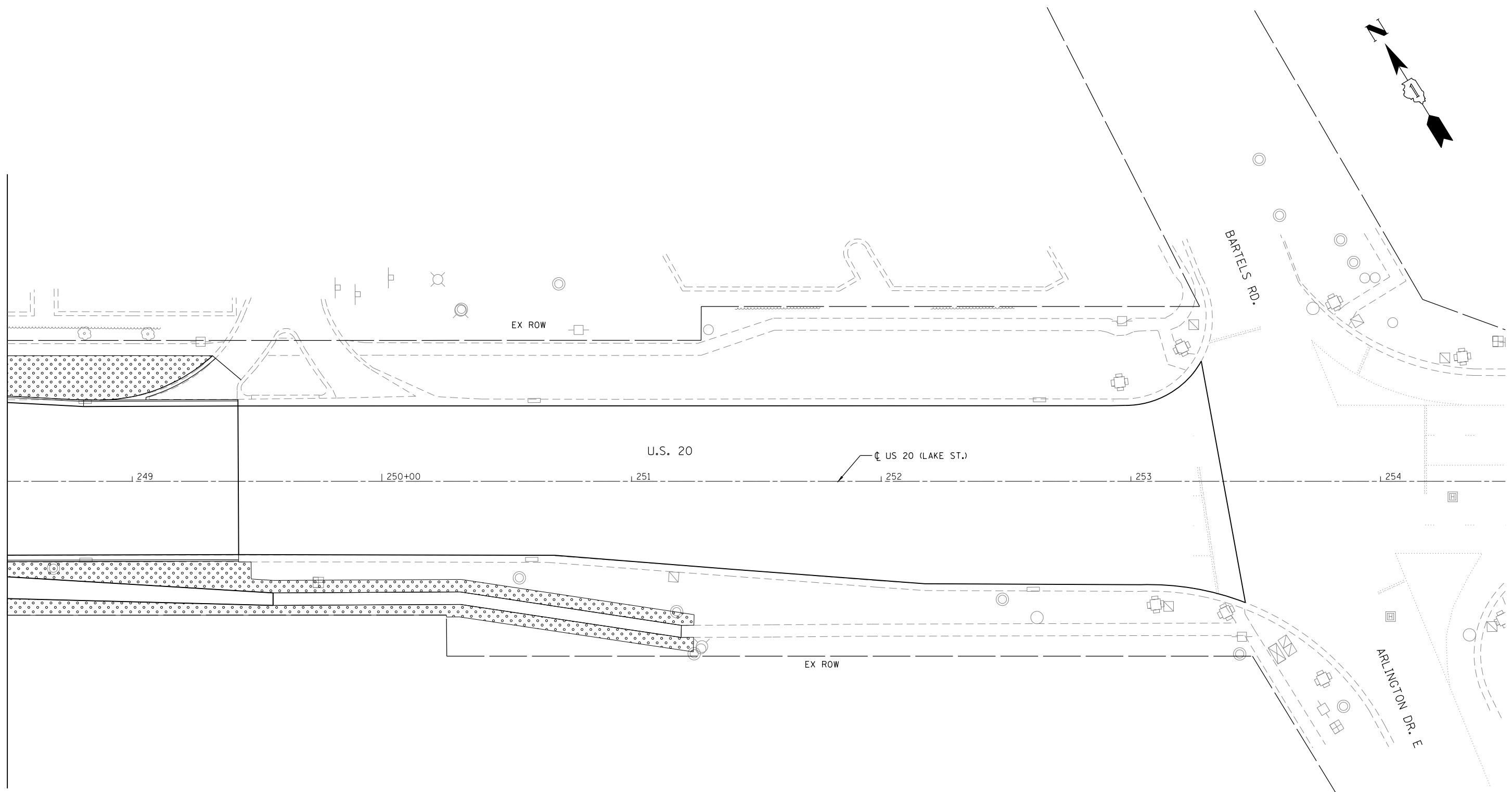
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	83
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 242+50

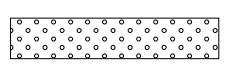
MATCHLINE STA. 248+50

Default
 Mo., 2012\12-15\4-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Landscape-99.dgn

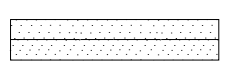
MATCHLINE STA. 248+50



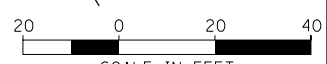
LANDSCAPING LEGEND



SEEDING, CLASS 2A
 TOPSOIL FURNISH AND PLACE, 6"
 NITROGEN FERTILIZER NUTRIENT
 POTASSIUM FERTILIZER NUTRIENT
 EROSION CONTROL BLANKET



SEEDING, CLASS 4B
 TOPSOIL FURNISH AND PLACE, 6"
 NITROGEN FERTILIZER NUTRIENT
 POTASSIUM FERTILIZER NUTRIENT
 EROSION CONTROL BLANKET



SCALE IN FEET



USER NAME = LindseyB	DESIGNED - LEB	REVISED -
	DRAWN - JPS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - DDL	REVISED -
PLOT DATE = 10/20/2016 3:18:04 PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
 LANDSCAPE PLAN**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 248+50 TO STA. N/A

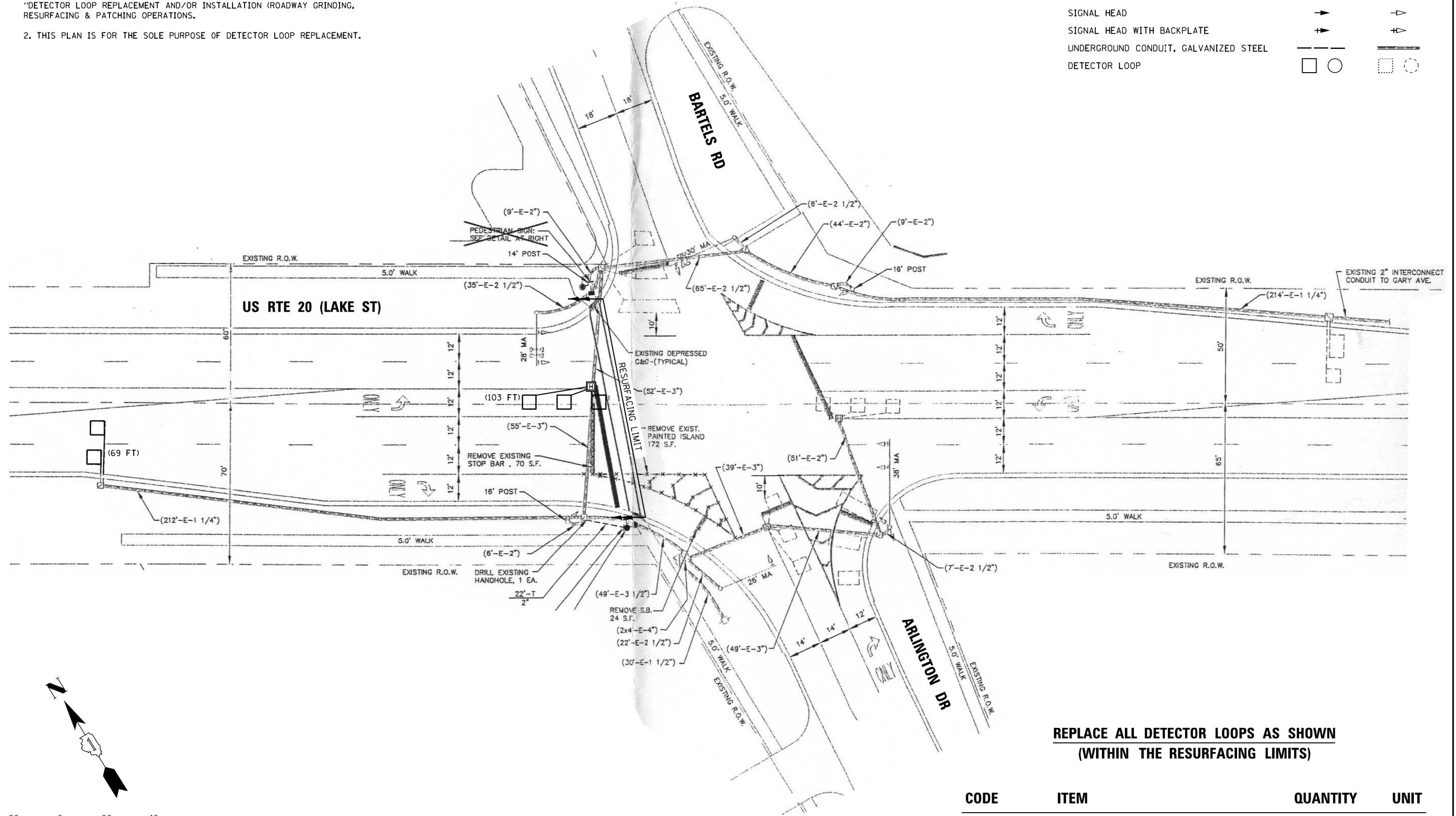
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	84
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

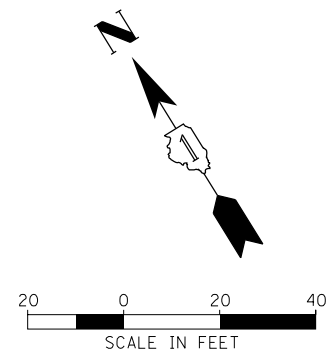
TRAFFIC SIGNAL LEGEND:

	PROPOSED	EXISTING
SIGNAL HEAD	▶	◀
SIGNAL HEAD WITH BACKPLATE	▶	◀
UNDERGROUND CONDUIT, GALVANIZED STEEL	—	—
DETECTOR LOOP	□ ○	□ ○



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	172	FOOT



Default: M:\2012\12-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Detector-Loop-01.dgn



USER NAME = LindseyB
 PLOT SCALE = NTS
 PLOT DATE = 10/20/2016 3:18:06 PM

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

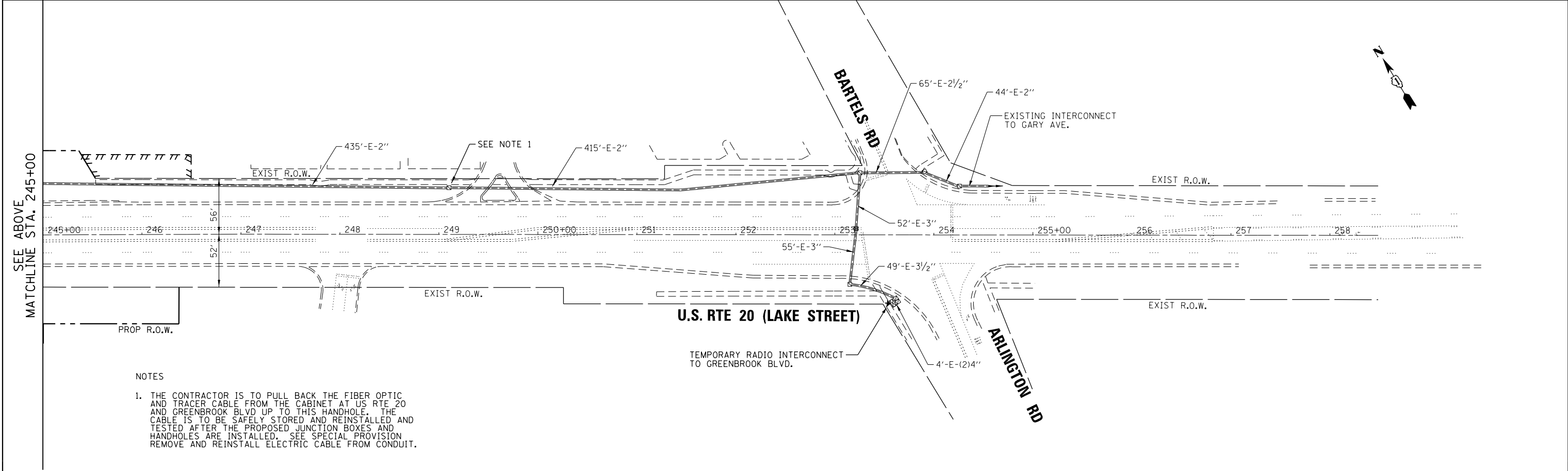
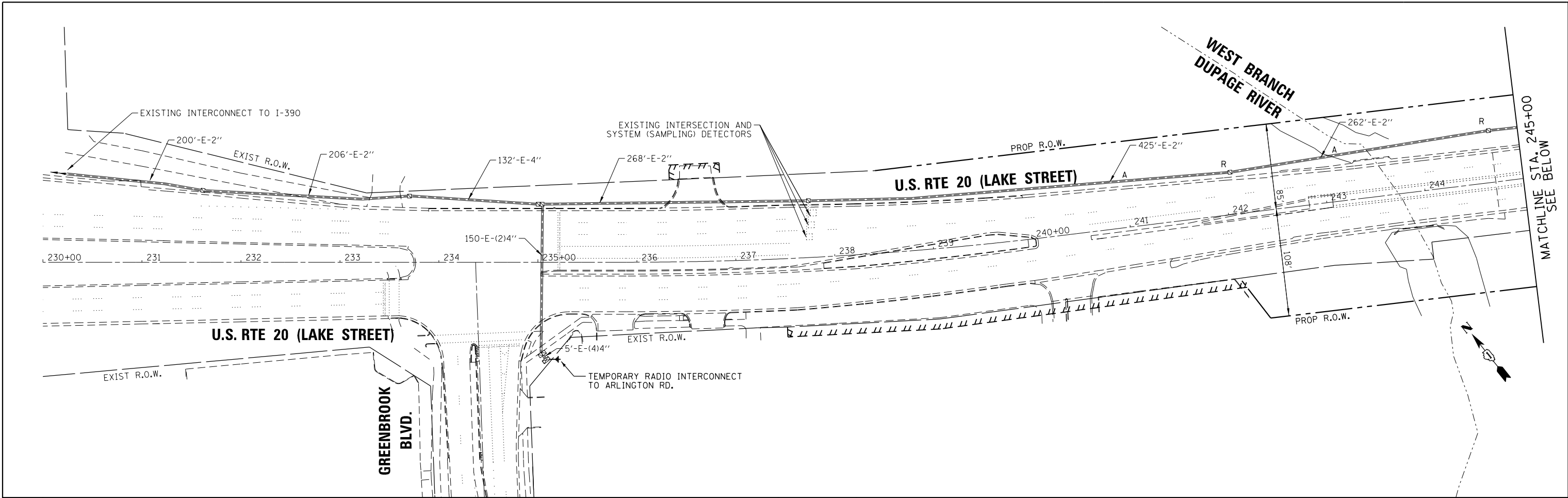
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
 U.S. RTE 20 (LAKE ST.) AT BARTLES ROAD/ARLINGTON DRIVE

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	85
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



- NOTES
1. THE CONTRACTOR IS TO PULL BACK THE FIBER OPTIC AND TRACER CABLE FROM THE CABINET AT US RTE 20 AND GREENBROOK BLVD UP TO THIS HANDHOLE. THE CABLE IS TO BE SAFELY STORED AND REINSTALLED AND TESTED AFTER THE PROPOSED JUNCTION BOXES AND HANDHOLES ARE INSTALLED. SEE SPECIAL PROVISION REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT.

M:\2012\12-154-003a US 20 West Branch\Stage 2\Design\Transportation\CA00\CA00 Sheets\US20_Traffic-01.dgn
 Default



USER NAME = LindseyB	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/20/2016 3:18:17 PM	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT PLAN AND REMOVAL PLAN
US RTE 20 (LAKE ST)
GREENBROOK BLVD. TO ARLINGTON ROAD

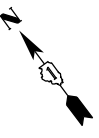
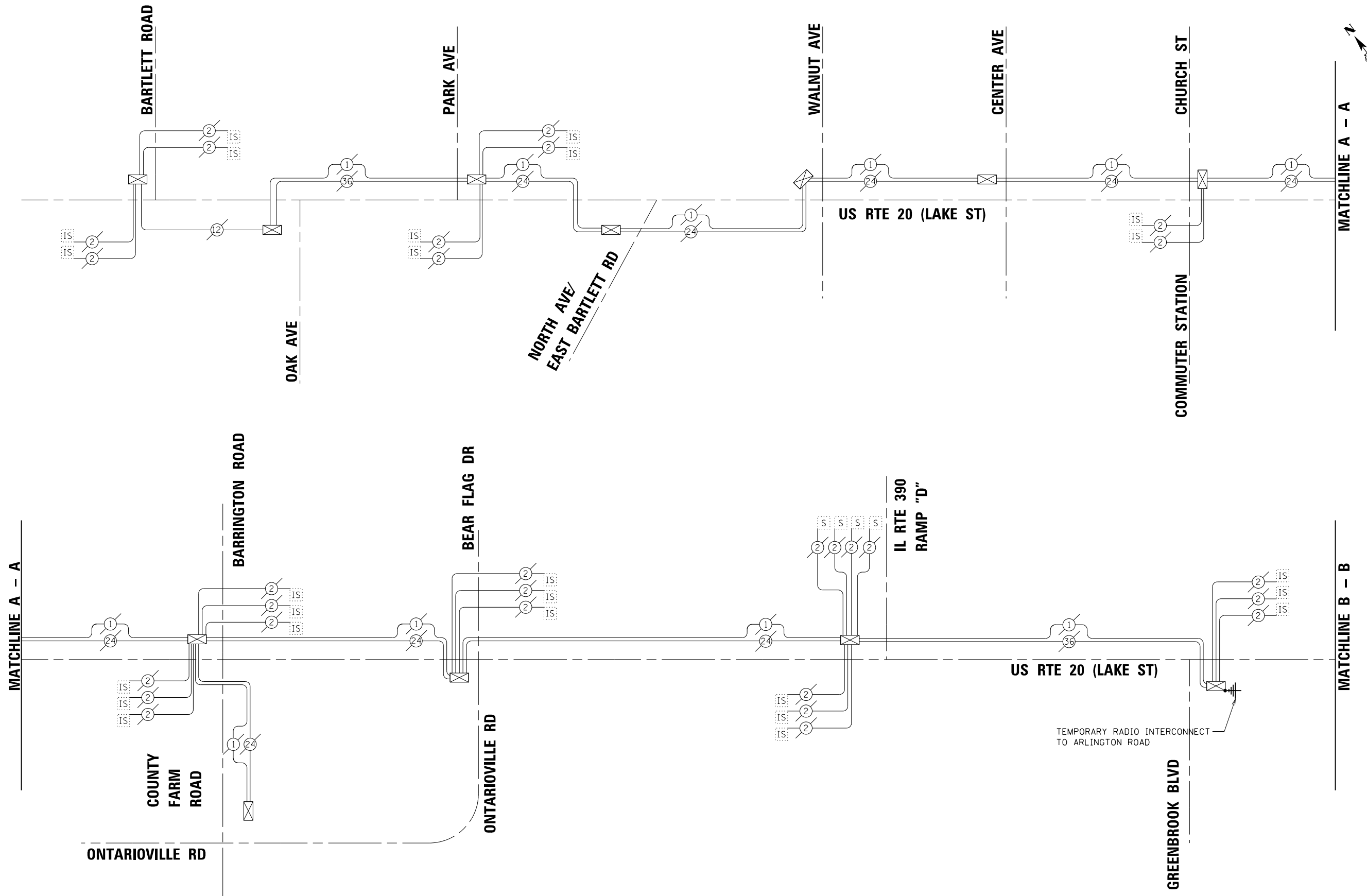
SCALE: 1"=50'

SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 86
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

EAGLE 5F

M:\2012\12-154-003a US 20 West Branch-Stage 2\Design-Transportation\CADD\Sheet\US20_Traffic-02.dgn
 Default



USER NAME = LindseyB	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/20/2016 3:18:18 PM	CHECKED -	REVISED -
	DATE -	REVISED -

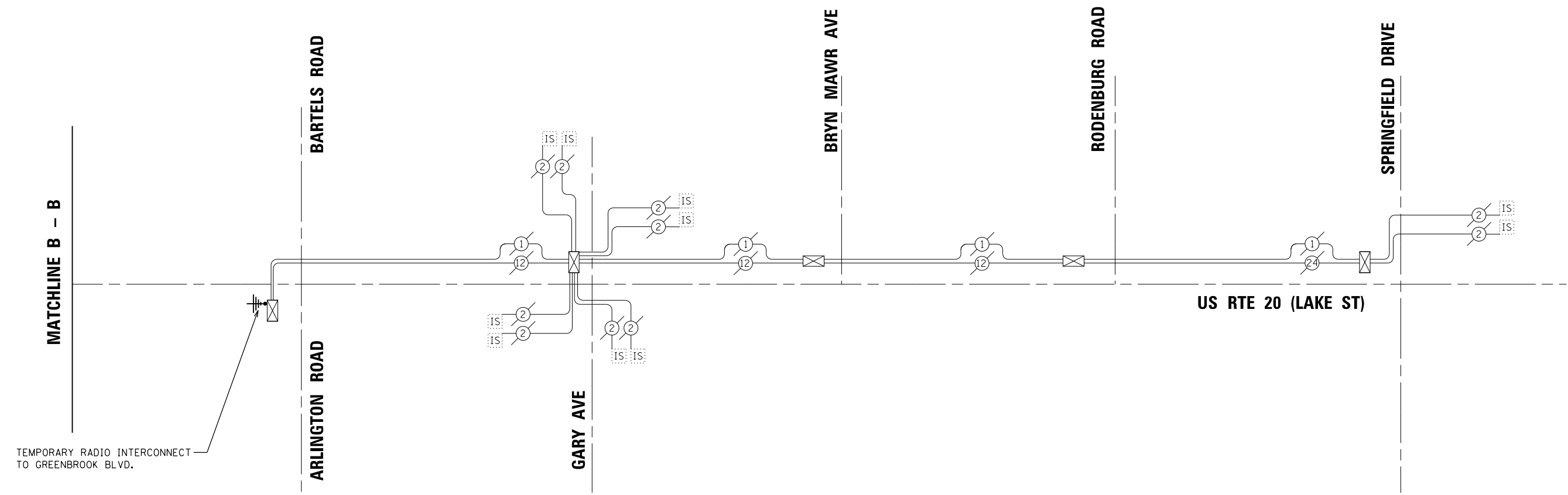
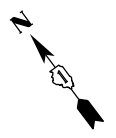
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC (SHEET 1 OF 2)
US RTE 20 (LAKE ST)
GREENBROOK BLVD. TO ARLINGTON ROAD

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY	TOTAL SHEETS 170	SHEET NO. 87
			CONTRACT NO. 62A60	
ILLINOIS FED. AID PROJECT				

EAGLE 5F

SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.



M:\2012\12-154-003a US 20 West Branch-Stage 2\Design-Transportation\CADD\CADD Sheets\US20_Traffic-03.dgn
 Default



USER NAME = LindseyB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2016 3:18:19 PM	DATE -	REVISED -

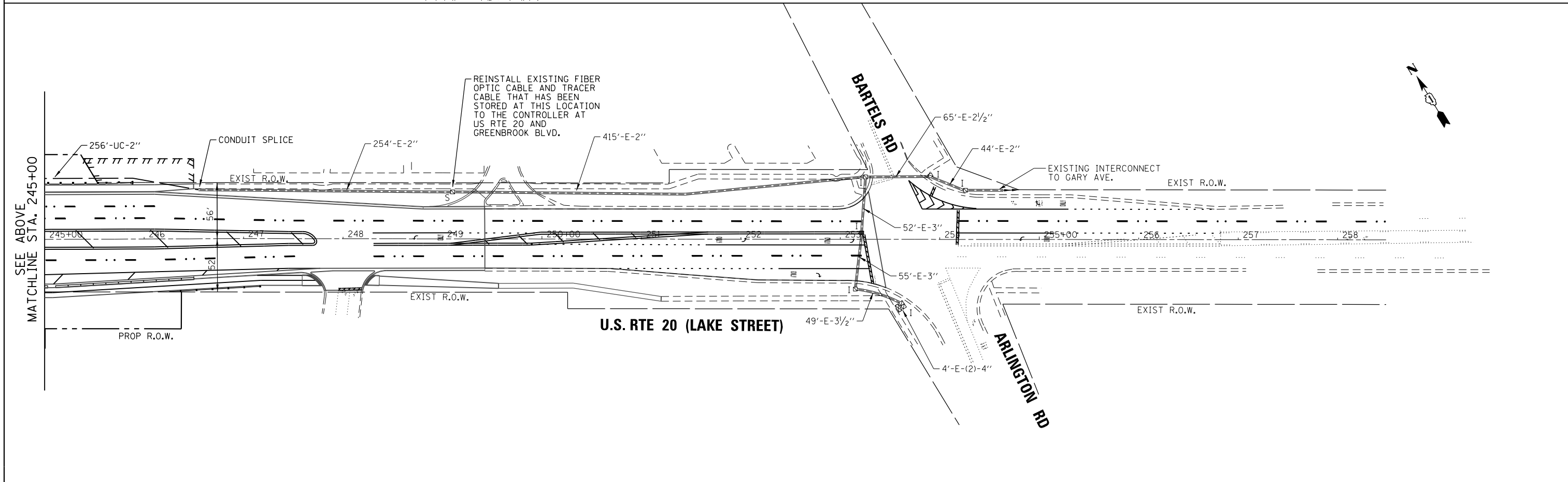
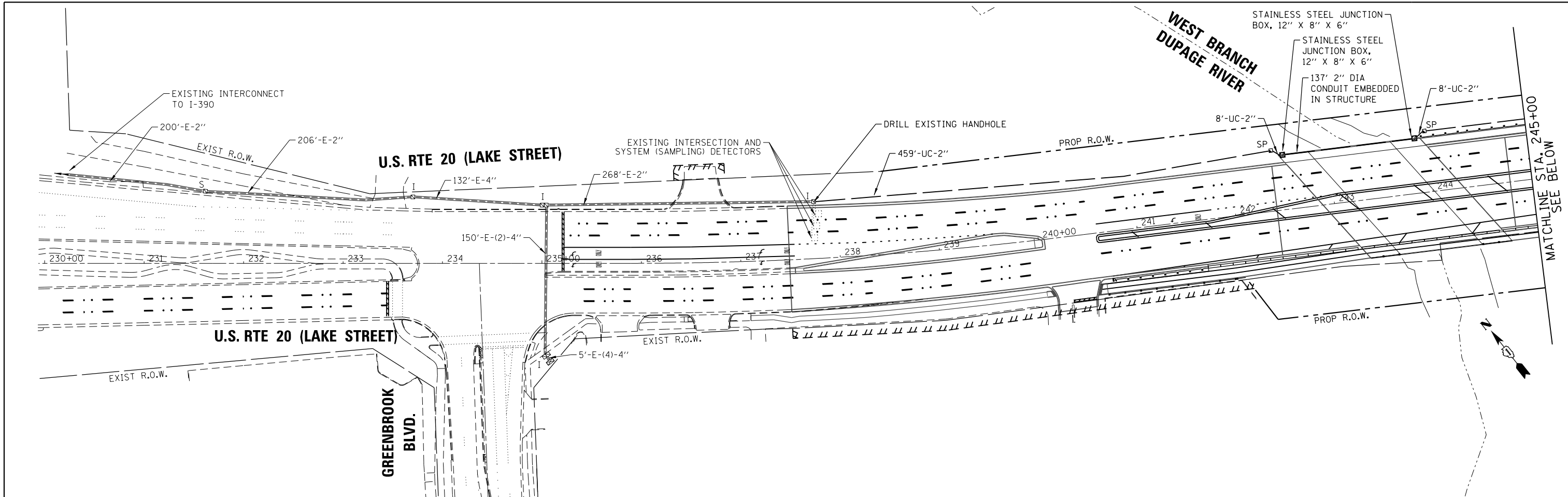
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC (SHEET 2 OF 2)
US RTE 20 (LAKE ST)
GREENBROOK BLVD. TO ARLINGTON ROAD

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R		170	88
			CONTRACT NO. 62A60	
ILLINOIS FED. AID PROJECT				

EAGLE 5F



M:\2012\12-154-003a US 20 West Branch\Stage 2\Design\Transportation\CA00\CA00 Sheets\US20 Traffic-04.dgn
 Default



USER NAME = LindseyB	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 10/20/2016 3:18:21 PM	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN
US RTE 20 (LAKE ST)
GREENBROOK BLVD. TO ARLINGTON ROAD

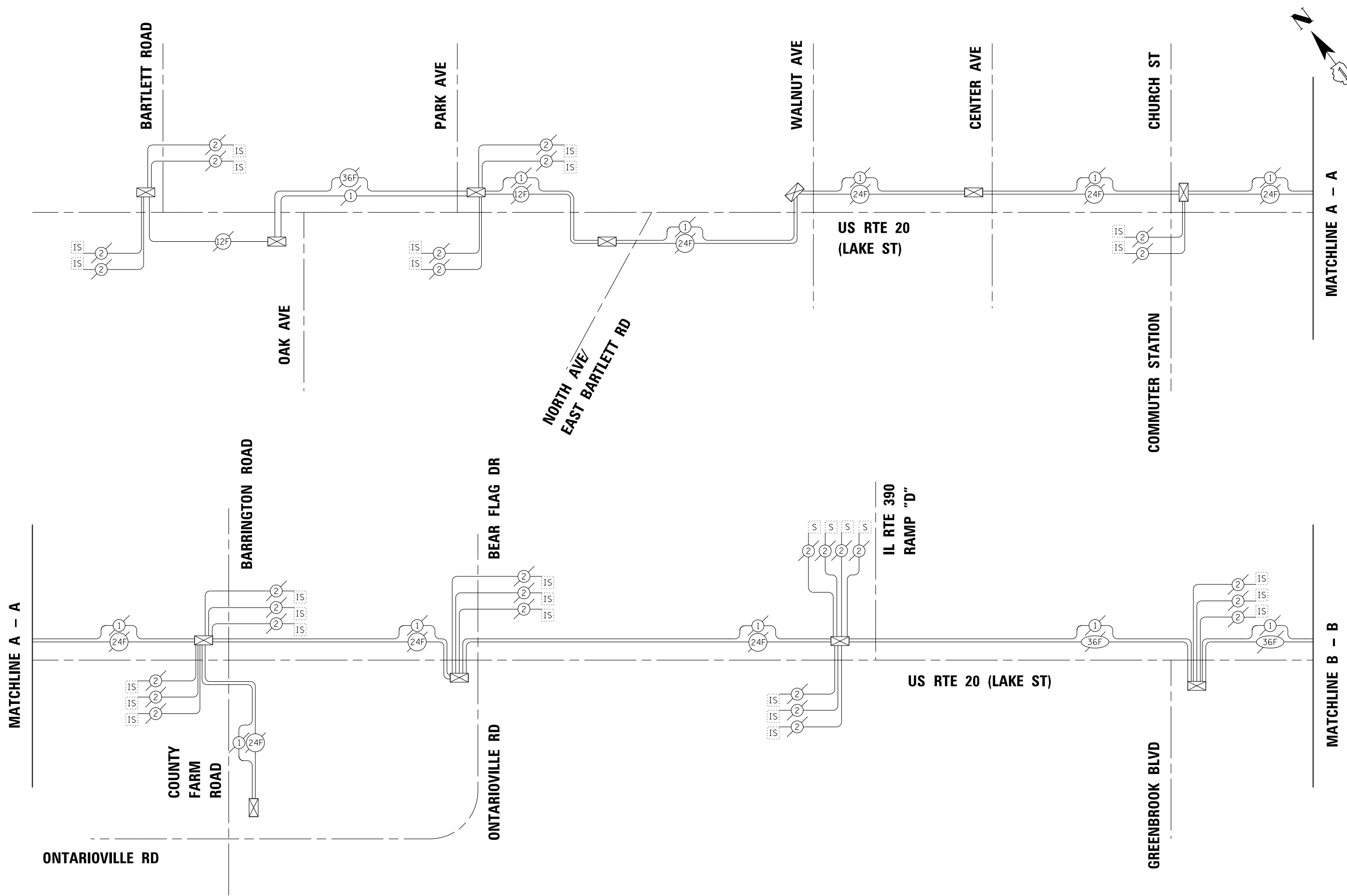
SCALE: 1"=50'

SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 89
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

EAGLE 5F

M:\2012\12-154-003a US 20 West Branch-Stage 2\Design\Transportation\CAAD\Sheet\US20_Traffic-05.dgn
 Default



USER NAME = LindseyB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2016 3:18:22 PM	DATE -	REVISED -

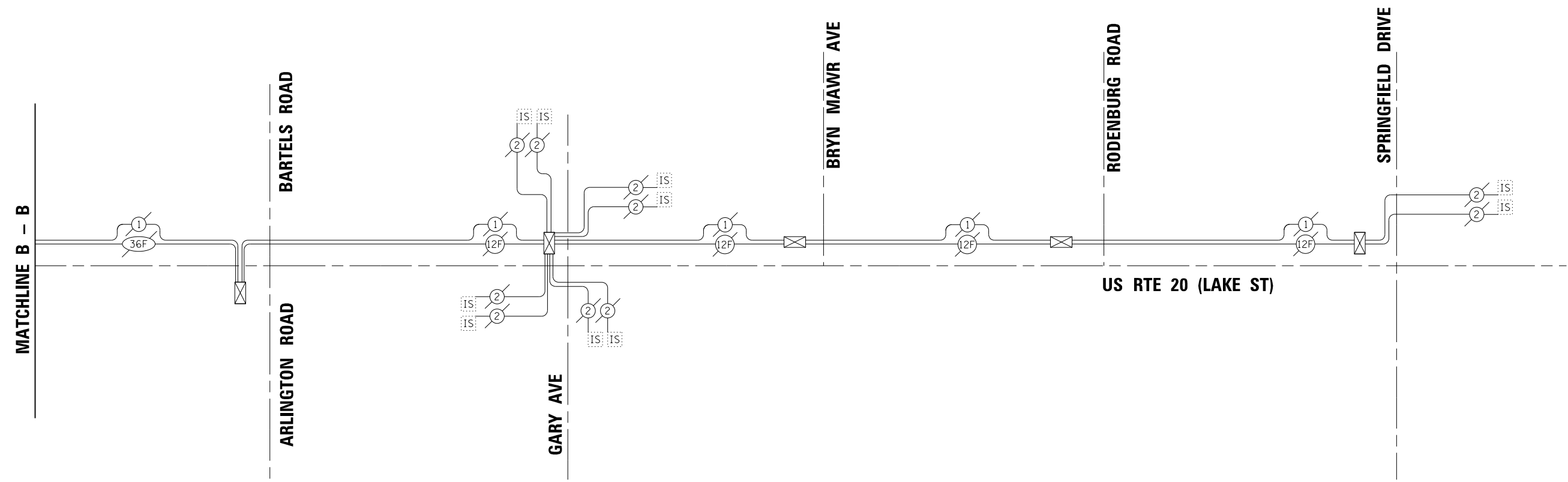
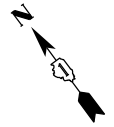
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT SCHEMATIC (SHEET 1 OF 2)
US RTE 20 (LAKE ST)
GREENBROOK BLVD. TO ARLINGTON ROAD

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 90
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

EAGLE 5F



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	731
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	137
JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE	EACH	2
HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
DRILL EXISTING HANDHOLE	EACH	1
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	3,200
REMOVE EXISTING HANDHOLE	EACH	2
TEMPORARY WIRELESS INTERCONNECT, COMPLETE	LSUM	1
CONDUIT SPLICE	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2

M:\2015\12-154-003a US 20 West Branch-Stage 2\Design-Transportation\CADD\CADD Sheets\US20-Traffic-06.dgn
 Default



USER NAME = LindseyB	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/20/2016 3:18:23 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT SCHEMATIC (SHEET 2 OF 2)
US RTE 20 (LAKE ST)
GREENBROOK BLVD. TO ARLINGTON ROAD**

SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY	TOTAL SHEETS 170	SHEET NO. 91
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	

EAGLE 5F

LIGHTING GENERAL NOTES

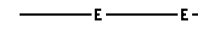



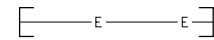
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ELECTRICAL WORK WITH OTHER TRADES.
- THE RELOCATED LIGHT POLES SHALL BE LOCATED AS NOTED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. WASHERS USED TO INSTALL THE POLE SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE.
- CONTRACTOR SHALL MAINTAIN ADEQUATE CLEARANCE FROM UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION, ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE APPLICABLE UNDERGROUND CONDUIT AND UNIT DUCT PAY ITEMS.
- NO POLES TO BE INSTALLED IN THE FLOWLINE OF DITCH.
- RIGID GALVANIZED STEEL CONDUIT SHALL BE USED WHEN GOING UNDER ROADWAYS AND DRIVEWAYS.
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
- ALL LIGHTING CIRCUITS SHOWN ON THE PLANS SHALL BE INSTALLED AND MADE OPERATIONAL PRIOR TO COMMENCEMENT OF ROADWAY CONSTRUCTION.
- ALL LIGHTING CIRCUITS FED FROM THE EXISTING CONTROLLER SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
- LOCATIONS OF EXISTING LIGHTING FACILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS.
- THE CONTRACTOR SHALL PLACE A REVISED COPY OF THE AS-BUILT PLANS INSIDE THE EXISTING LIGHTING CONTROLLER.
- LUMINAIRES SHALL BE ORIENTED WITH OPTICS PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.
- ANY DAMAGE TO DUCT AND CABLE TO REMAIN IN PLACE SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.
- ANY APPURTENANCES ATTACHED TO LIGHT POLES TO BE RELOCATED SHALL REMAIN ON THE LIGHT POLE AND ANY CONNECTIONS SHALL BE REESTABLISHED. THIS INCLUDES BUT IS NOT LIMITED TO EMERGENCY VEHICLE PREEMPTION EQUIPMENT, CAMERAS, TRAFFIC SIGNAL ACTUATION EQUIPMENT, AND ITS EQUIPMENT.
- CONTRACTOR IS TO PREPARE UNIT DUCT AND FOUNDATIONS PRIOR TO REMOVAL OF EXISTING LIGHT POLES IN ORDER TO MINIMIZE TIME WITHOUT LIGHTING.
- CONTRACTOR TO PROVIDE NEW UNIT DUCT FOR RELOCATED POLES AS SHOWN FROM EXISTING POLES. CONNECT RELOCATED POLES/FIXTURES TO NEW UNIT DUCT.

LIGHTING SCOPE OF WORK

ONE EXISTING LIGHT POLE ALONG US 20 IS TO BE RELOCATED AS SHOWN ON PLANS DUE TO PROPOSED ROADWAY WIDENING. NEW UNIT DUCT IS TO BE PROVIDED FROM ADJACENT EXISTING POLE TO THE RELOCATED POLE.

ALL RELOCATED POLES WILL BE INSTALLED ON NEW CONCRETE FOUNDATIONS WITH BREAKAWAY TRANSFORMER BASES.

LEGEND

-  PROPOSED UNIT DUCT, SIZE AS NOTED
-  EXISTING LIGHT UNIT TO REMAIN
-  EXISTING LIGHT UNIT TO BE REMOVED AND RELOCATED
-  REINSTALLED EXISTING LIGHTING UNIT
-  EXISTING CONDUIT SLEEVE BELOW PAVEMENT

ELECTRICAL BILL OF MATERIALS

PAY ITEM	UNIT	TOTAL QUANTITY
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	221
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	11
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	1
REMOVAL OF POLE FOUNDATION	EACH	1
RELOCATE EXISTING LIGHTING UNIT	EACH	1
REMOVE AND REPLACE FUSE KIT	EACH	1
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12

EHAB ELOAQ
 LICENSED PROFESSIONAL ENGINEER
 ILLINOIS NO.062-058301 EXPIRES 11-30-15

Default: Mo., 2012/12/15 4:00:30a US 20 West Branch Stage 2\Design\Transportation\CADD\CADD Sheets\US20_Lighting_Notes.dgn

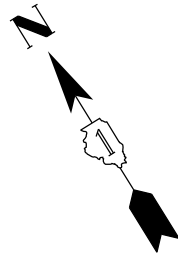


USER NAME = LindseyB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 10/20/2016 3:18:25 PM	DATE -	REVISED -

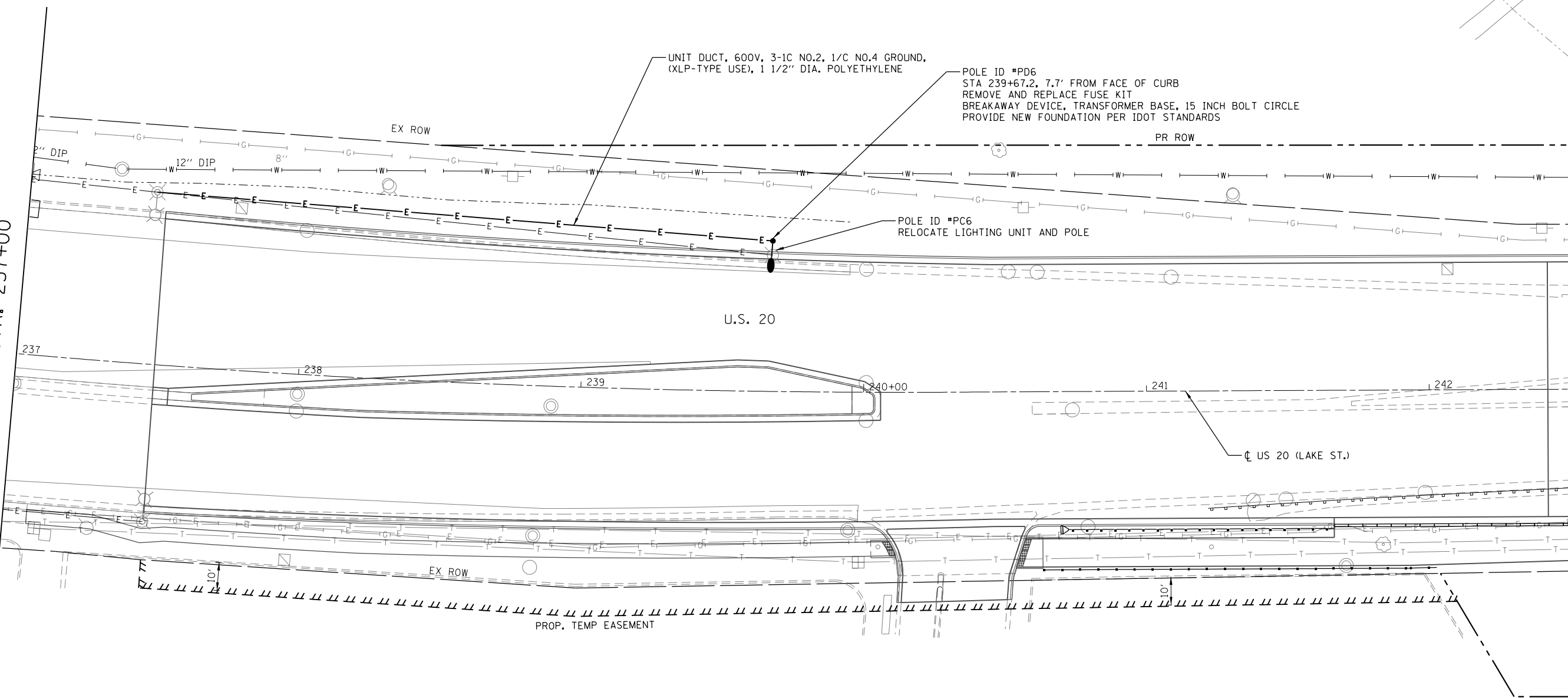
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
LIGHTING GENERAL NOTES
 SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	92
CONTRACT NO. 62A60			ILLINOIS FED. AID PROJECT	



MATCHLINE STA. 237+00



Default: Ms_20121212-154-003a US 20 West Branch Stage 2\Design\Transportation\CADD\Sheets\US20_Lighting_07.dgn



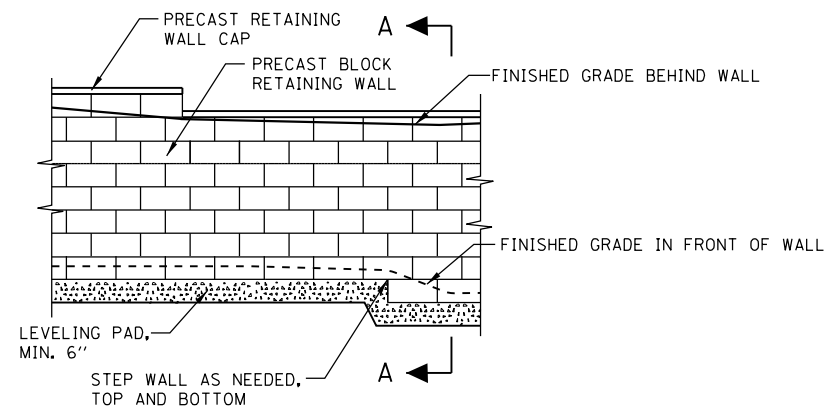
USER NAME = LindseyB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1"=20'	CHECKED -	REVISED -
PLOT DATE = 10/20/2016 3:18:30 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
PROPOSED LIGHTING PLAN**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

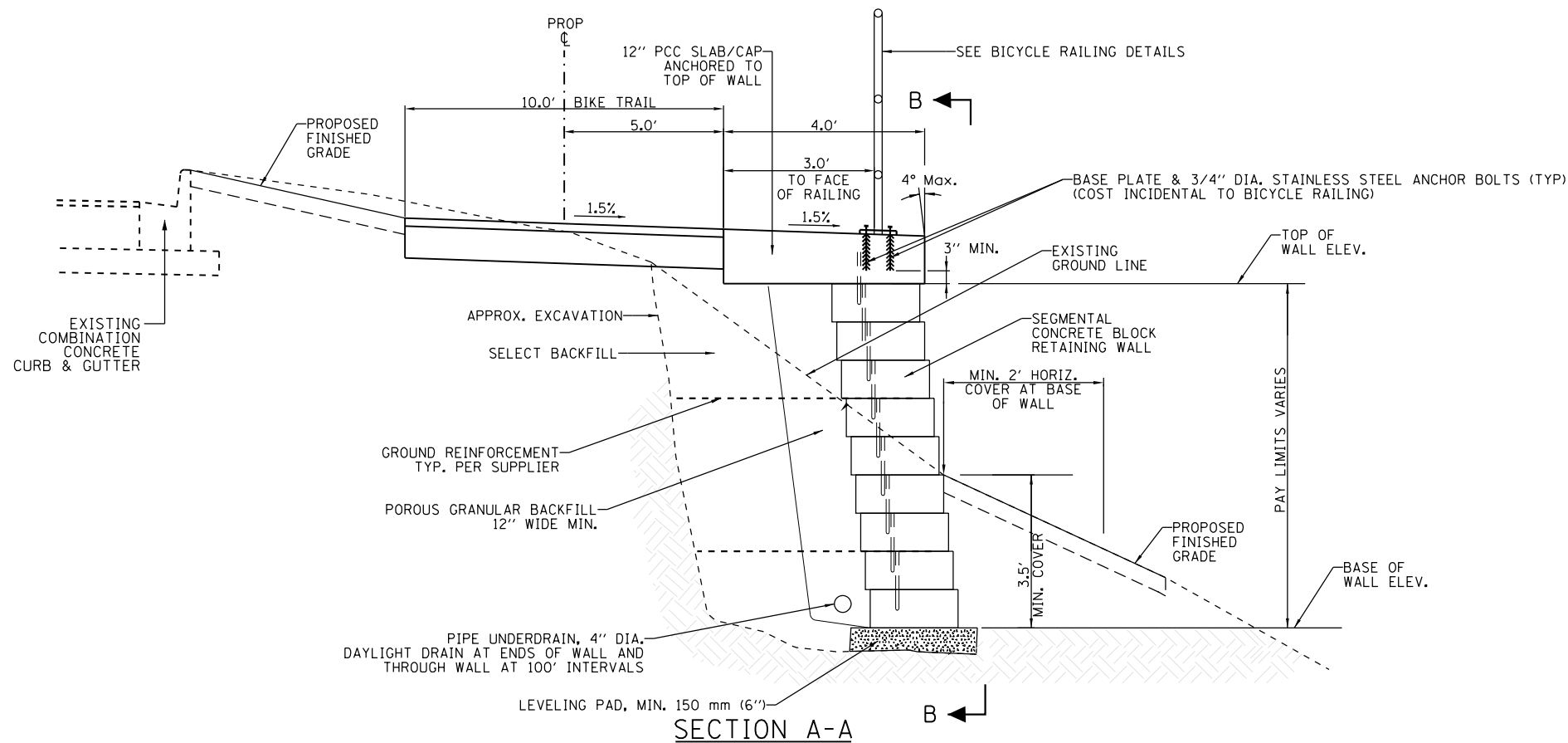
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2015-006B-R	DUPAGE	170	93
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



SECTION B-B
ELEVATION

NOTES

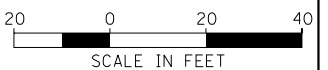
1. THE CONTRACTOR SHALL SUBMIT DESIGN, CONSTRUCTION PLANS WITH MATERIAL INFORMATION & SHOP DRAWINGS FOR CONNECTION DETAILS SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF ILLINOIS TO THE ENGINEER FOR APPROVAL BEFORE ORDERING MATERIALS.
2. RETAINING WALL EQUIVALENT FLUID PRESSURE = 50(PCF)
3. REINFORCING BARS SHALL BE GRADE 60
4. GROUT MORTAR, f'm = 2500 psi (MIN.)
5. THE DESIGN OF THE RETAINING WALL SHALL BE IN COMPLIANCE WITH THE GUIDELINES FOR THE DESIGN OF MECHANICALLY STABILIZED EARTH WALLS AS DEVELOPED BY AASHTO-AGC-ARTA JOINT COMMITTEE TASK FORCE 27 GROUND MODIFICATION SYSTEMS.
6. EXCAVATION, LEVELING PAD, BACKFILL, PIPE UNDERDRAIN, GROUND REINFORCEMENT, GROUND RESTORATION, AND SEEDING OF RESTORED GROUND ARE INCLUDED IN COST OF SEGMENTAL CONCRETE BLOCK WALL.
7. INSTALLATION OF THE 12" PCC SLAB/CAP AND ANCHORS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE THE COST OF THE SEGMENTAL CONCRETE BLOCK WALL.



SECTION A-A
SEGMENTAL CONCRETE BLOCK
RETAINING WALL DETAIL
N.T.S.
STA. 37+50 TO STA. 39+60

SEGMENTAL CONCRETE BLOCK
RETAINING WALLS SITING DATA

	STATION	TOP OF WALL ELEV. (FEET)	BASE OF WALL ELEV. (FEET)	EXPOSED WALL HEIGHT (FEET)
WALL AT WESTERN BRIDGE APPROACH	240+63.20	776.99	775.13	1.86
	241+00.00	777.13	774.72	2.41
	241+50.00	777.57	775.26	2.31
	242+00.00	778.12	775.54	2.58
	242+03.01	778.17	775.43	2.70
WALL AT EASTERN BRIDGE APPROACH	246+25.03	778.59	773.52	5.07
	246+50.00	778.28	773.84	4.44
	247+00.00	777.89	774.51	3.38
	247+17.73	777.83	774.98	2.85



Default: M:\2012\12-15-154-003a US 20 West Branch Stage 2\Design\Transportation\CA00\CA00 Sheets\US20 Misc Details-01.dgn



USER NAME = LindseyB	DESIGNED -	REVISED -
PLOT SCALE = NTS	DRAWN -	REVISED -
PLOT DATE = 10/20/2016 3:18:31 PM	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE 20 (LAKE ST.) AT WEST BRANCH DUPAGE RIVER
MISCELLANEOUS DETAILS
SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 94
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES:

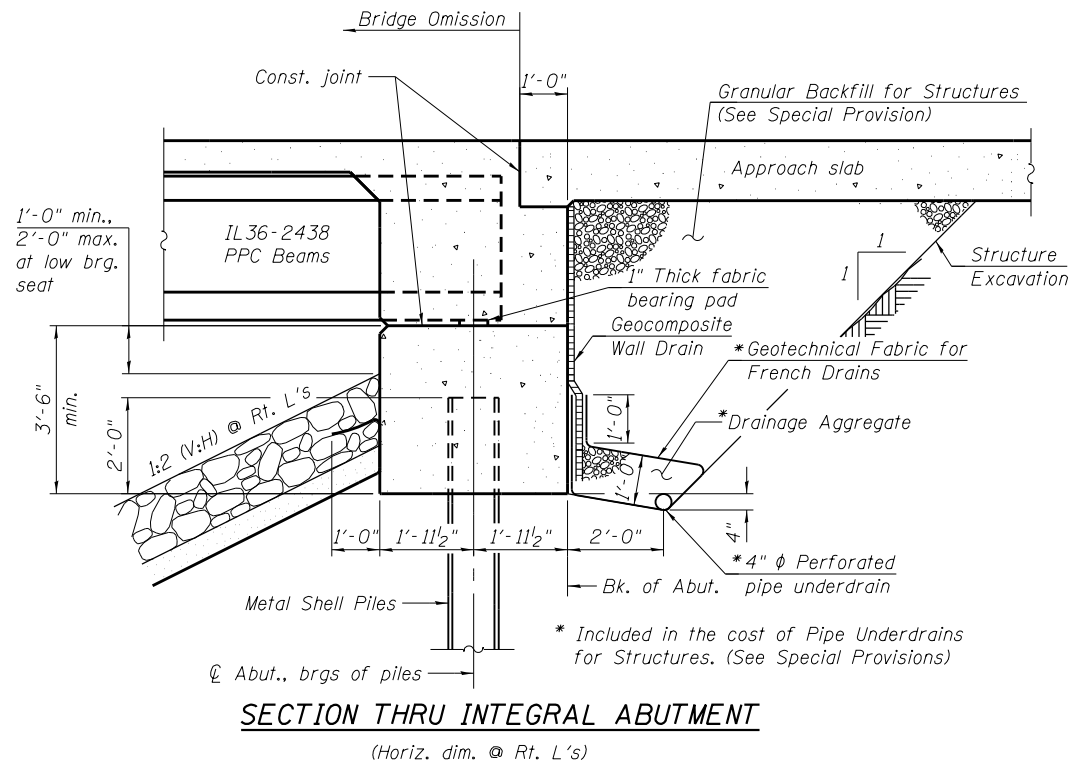
1. Reinforcement bars designated (E) shall be epoxy coated.
2. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
3. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
4. The Contractor shall drive 1 steel test pile in a permanent location of each abutment as directed by the Engineer before ordering the remainder of the piles.
5. Slipforming of the parapet is not allowed.
6. A large scour hole is present at the downstream end of the existing culvert. The contractor shall drive piling prior to filling the hole.

INDEX OF SHEETS

- S-01 General Plan and Elevation
- S-02 General Notes, Index of Sheets and Total Bill of Material
- S-03 Stage I Construction
- S-04 Stages II and III Construction
- S-05 Substructure Layout
- S-06 Existing Structure Removal
- S-07 Temporary Concrete Barrier for Stage Construction
- S-08 Top of Slab Elevation Layout
- S-09 Top of Slab Elevations (Sheet 1 of 2)
- S-10 Top of Slab Elevations (Sheet 2 of 2)
- S-11 Top of West Approach Pavement Elevations
- S-12 Top of East Approach Pavement Elevations
- S-13 Deck Plan
- S-14 Deck Cross Section
- S-15 Parapet Elevations and Details
- S-16 Diaphragm Elevation and Details
- S-17 Deck Details, Bar Diagrams and Bill of Material
- S-18 West Approach Slab Plan
- S-19 West Approach Slab Sections and Details
- S-20 East Approach Slab Plan
- S-21 East Approach Slab Sections and Details
- S-22 Bicycle Railing
- S-23 Aluminum Railing, Type L
- S-24 Framing Plan
- S-25 IL36N PPC Beam
- S-26 IL36N PPC Beam Details
- S-27 West Abutment- Stage I Construction
- S-28 West Abutment- Stage II Construction
- S-29 East Abutment- Stage I Construction
- S-30 East Abutment- Stage II Construction
- S-31 Metal Shell Pile Details
- S-32 Bar Splicer Assembly and Mechanical Splicer Details
- S-33 Soil Borings (Sheet 1 of 3)
- S-34 Soil Borings (Sheet 2 of 3)
- S-35 Soil Borings (Sheet 3 of 3)

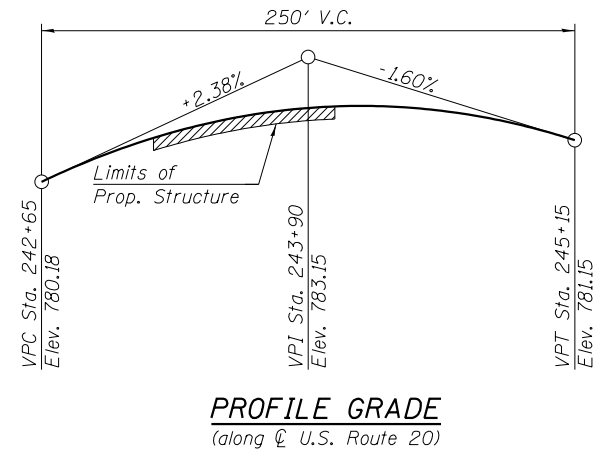
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER.	SUB.	TOTAL QUANTITY
Removal of Existing Structures	EACH	1	-	1
Structure Excavation	CU YD	-	343	343
Concrete Structures	CU YD	-	277.3	277.3
Concrete Superstructure	CU YD	387.7	-	387.7
Bridge Deck Grooving	SQ YD	1,648	-	1,648
Protective Coat	SQ YD	1,211	-	1,211
Concrete Superstructure (Approach Slab)	CU YD	366.2	-	366.2
Furnishing and Erecting Precast Prestressed Concrete Beams, IL36N	FOOT	1,061	-	1,061
Reinforcement Bars, Epoxy Coated	POUND	230,710	31,740	262,450
Bar Splicers	EACH	641	38	679
Aluminum Railing, Type L	FOOT	138	-	138
Bicycle Railing	FOOT	143	-	143
Parapet Railing	FOOT	143	-	143
Furnishing Metal Shell Piles 14" X 0.312"	FOOT	-	2,784	2,784
Driving Piles	FOOT	-	2,784	2,784
Test Pile Metal Shells	EACH	-	2	2
Name Plates	EACH	1	-	1
Temporary Sheet Piling	SQ FT	-	1,183	1,183
Temporary Soil Retention System	SQ FT	-	463	463
Geocomposite Wall Drain	SQ YD	-	254	254
Granular Backfill for Structures	CU YD	-	434	434
Pipe Underdrains For Structures 4"	FOOT	-	362	362
Temporary Support System	EACH	-	1	1



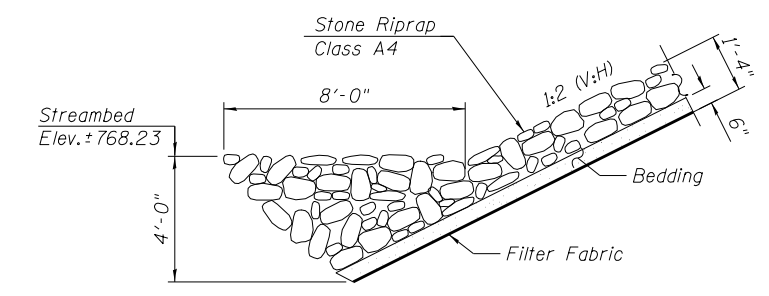
SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

Note:
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

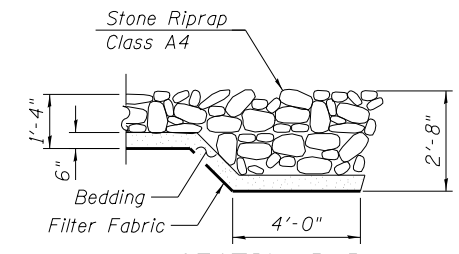


Sta. 243+60
BUILT 20__ BY
STATE OF ILLINOIS
F.A.P. RT. 021 /345
SEC. 2015-006B-R
LOADING HL-93
STRUCTURE NO. 022-0548

NAME PLATE
See Hwy Std. 515001
Locate Name Plate at the front face of parapet at the Northeast Corner.



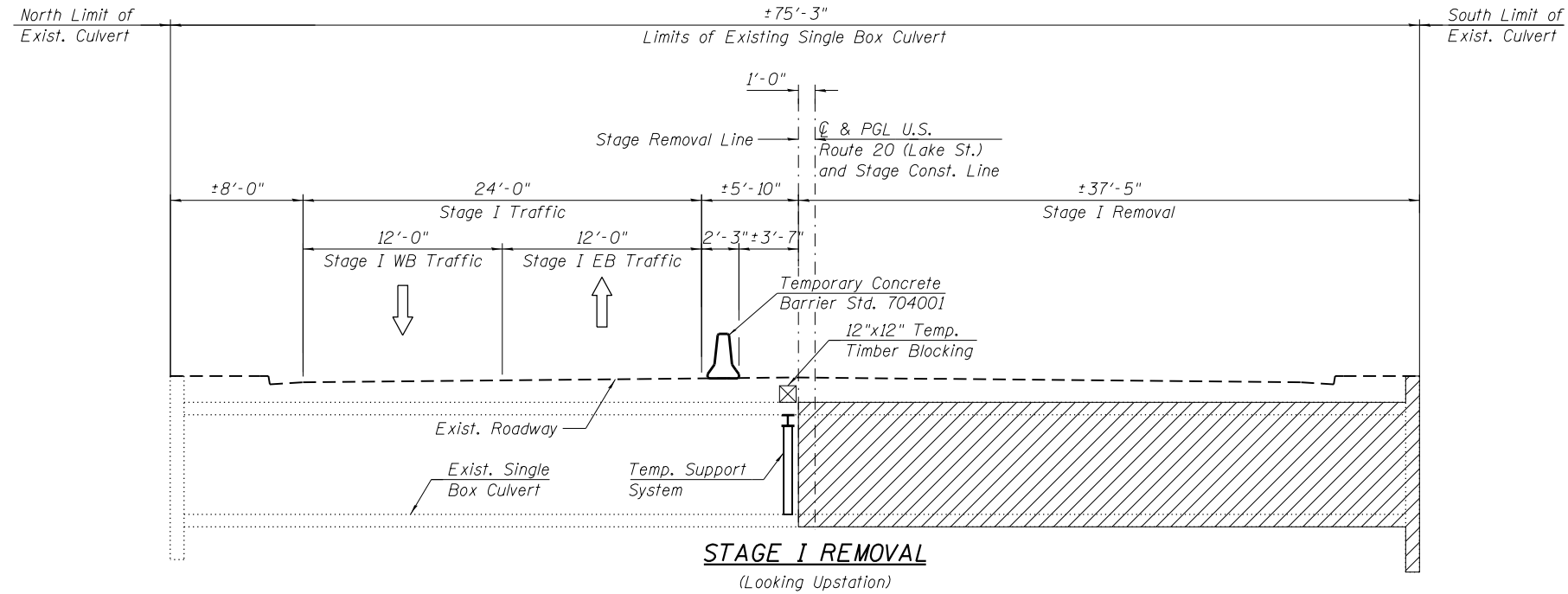
**SECTION A-A
STONE RIPRAP ANCHOR DETAIL**



SECTION B-B

FILE PATH = P:\1605-677\DDT\PIB163\Item 9 - Ferro-Vent\Order #24 - U.S. Route 20 (Lake St.)\Draw - West Branch.Dwg\Sheet\Index of Sheets & BOM.dgn

HBM ENGINEERING GROUP, LLC. CONSULTING & DESIGN INSPECTION & RATING RESEARCH & TESTING 4415 WEST HARRISON ST. SUITE 231 HILLSIDE, IL 60162 PHONE: (708) 236-0900 FAX: (708) 236-0901	S02-Index of Sheets & BOM.dgn	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS AND TOTAL BILL OF MATERIAL STRUCTURE NO. 022-0548		F.A.P. RTE. 021/345	SECTION 2015-006B-R	COUNTY DUPAGE	TOTAL SHEETS 170	SHEET NO. 96
	USER NAME = Stoyanka.Kotorakova PLOT SCALE = 0:2.0000 '1' / in. PLOT DATE = 10/19/2016	DRAWN - FA CHECKED - MI DATE - 6/15/2016	REVISED - REVISED - REVISED -		REVISED - REVISED - REVISED -	SCALE: SHEET S-02 OF S-35 SHEETS STA. TO STA.	CONTRACT NO. 62A60 ILLINOIS FED. AID PROJECT				



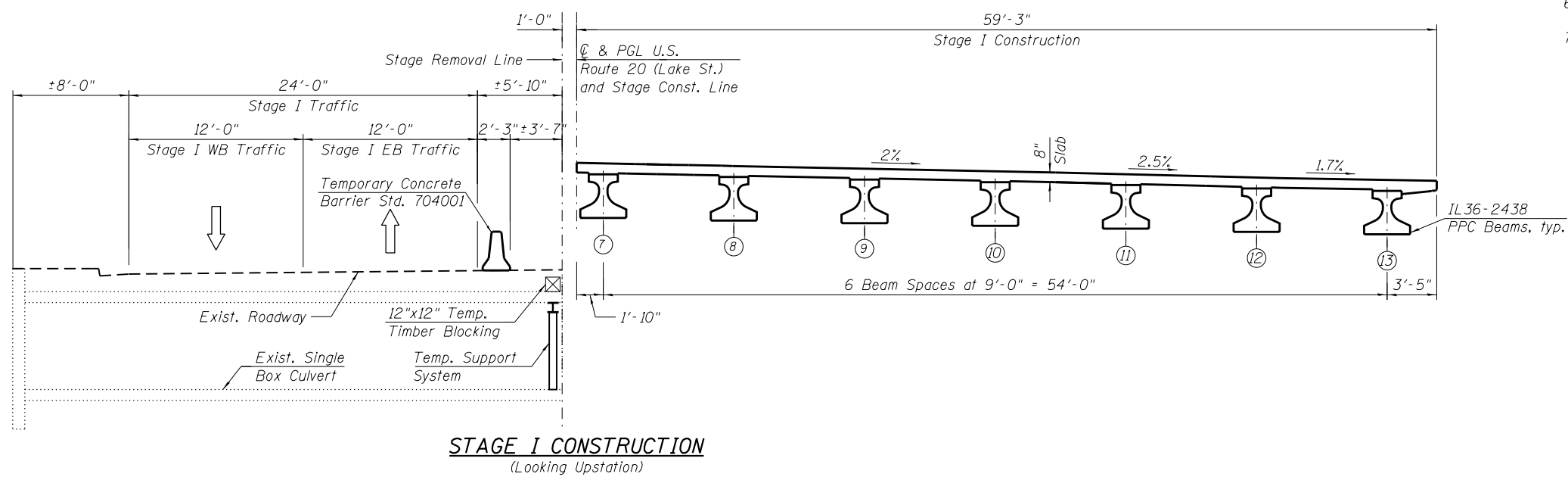
STAGE I REMOVAL
(Looking Upstation)

STAGE I REMOVAL

1. Install temporary concrete barrier as shown to locate construction work area on the south side of the existing structure.
2. Install Temporary Sheet Piling and Temporary Soil Retention Systems 1 and 2 as shown in Sheet S-05.
3. Install Temporary Support System at the South end of the remaining portion of culvert. See Special Provisions.
4. Remove existing culvert and wingwalls within limits of Stage I Removal.


STAGE I CONSTRUCTION

- The following construction items will be performed within the limits of Stage I Construction:
1. Construct east and west integral abutments.
 2. Erect IL-36N PPC Beams 7 through 13.
 3. Construct reinforced concrete deck and diaphragms.
 4. Construct the South half of the East and West approach slabs
 5. Perform bridge deck grooving for the bridge deck and approach slabs
 6. Apply protective coat for the bridge deck and approach slabs.
 7. Place temporary placement markings on the top of the deck for staged traffic. See Traffic Control Plans.



STAGE I CONSTRUCTION
(Looking Upstation)

LEGEND

 Removal of Existing Structures

FILE PATH = P:\1605-677\1001\PT16163\Item 9 - Ferro-Vent\Order #24 - U.S. Route 20 (Lake St.)\Order West Branch DupPage River\CAD\ Sheets\S03-StageIConst.dgn

HBM
ENGINEERING GROUP, LLC.
CONSULTING & DESIGN
INSPECTION & RATING
RESEARCH & TESTING

4415 WEST HARRISON ST.
SUITE 231
HILLSIDE, IL 60162
PHONE: (708) 236-0900
FAX: (708) 236-0901

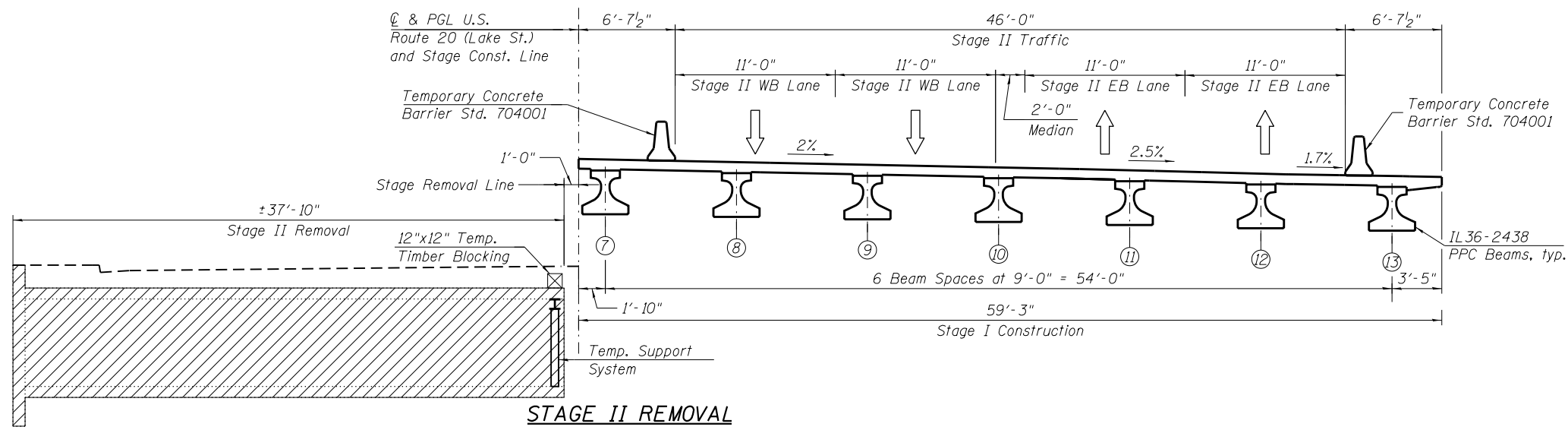
S03-StageIConst.dgn	DESIGNED - FA	REVISED -
USER NAME = Stojanka,Katorakova	DRAWN - FA	REVISED -
PLOT SCALE = 10x0.0000 1' / in.	CHECKED - MI	REVISED -
PLOT DATE = 10/19/2016	DATE - 6/15/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE I CONSTRUCTION
STRUCTURE NO. 022-0548**

SCALE: SHEET S-03 OF S-35 SHEETS STA. TO STA.

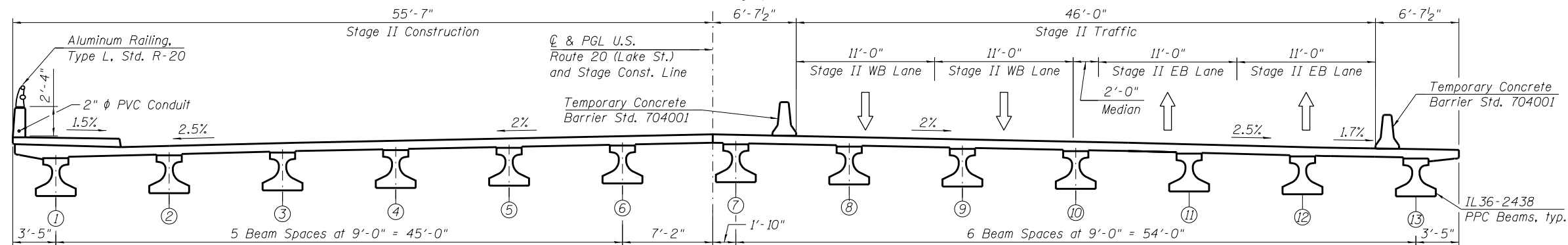
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021/345	2015-006B-R	DUPAGE	170	97
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



STAGE II REMOVAL
(Looking Upstation)

STAGE II REMOVAL

1. Install temporary concrete barriers as shown to Stage II traffic on Stage I constructed portion of the bridge.
2. Remove Temporary Soil Retention System 1 and 2 installed in Stage I Construction.
3. Remove existing culvert and wingwalls within limits of Stage II Removal.

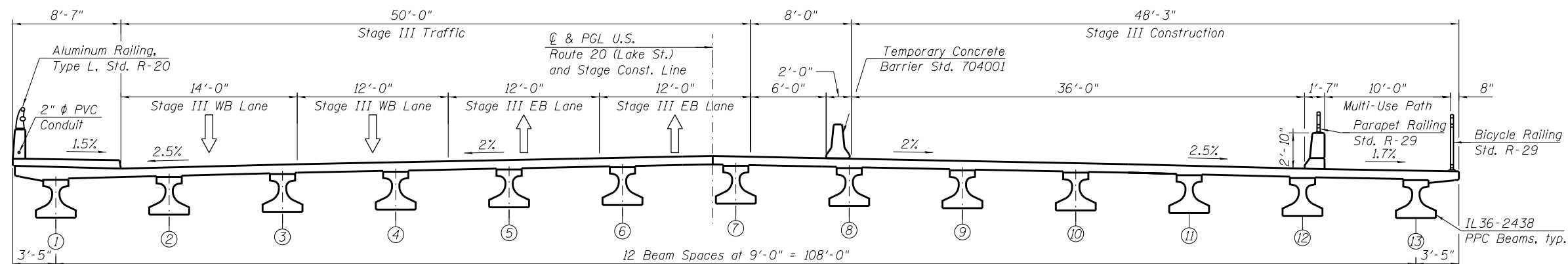


STAGE II CONSTRUCTION
(Looking Upstation)

STAGE II CONSTRUCTION

The following construction items will be performed within the limits of Stage II Construction:

1. Construct east and west integral abutments.
2. Erect IL 36N PPC Beams 1 through 6.
3. Construct reinforced concrete deck, parapet and sidewalk.
4. Construct the North half of the East and West Approach slabs.
5. Perform bridge deck grooving for the bridge deck and approach slabs.
6. Apply protective coat to the bridge deck approach slabs and top and inside faces of sidewalk and parapets.
7. Place pavement markings on the top of the deck for traffic lanes. See Traffic Control Plans.

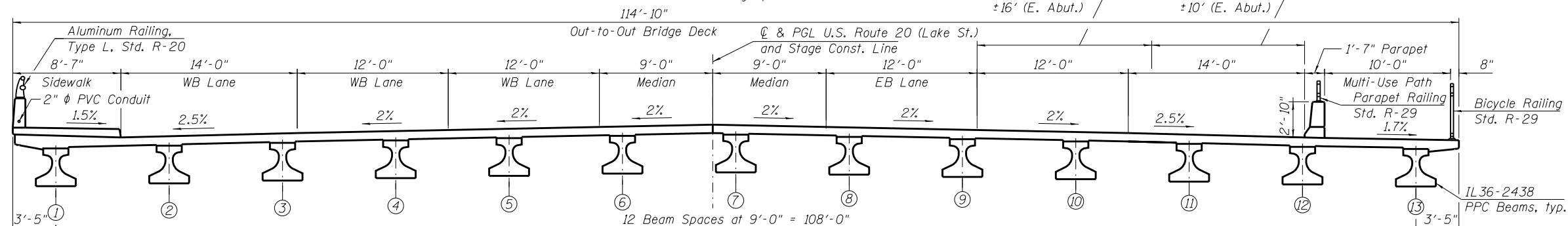


STAGE III CONSTRUCTION
(Looking Upstation)

STAGE III CONSTRUCTION

The following construction items will be performed within the limits of Stage II Construction:

1. Install temporary concrete barrier as shown to locate construction work area on the south side of the new constructed deck.
2. Construct the parapet and parapet railing, and the bicycle railing.
3. Apply protective coat to top and inside faces of the new constructed parapets.



FINAL CROSS SECTION
(Looking Upstation)

LEGEND

Removal of Existing Structures

EB Lane Varies
±18' (W. Abut.)
±16' (E. Abut.)

Shoulder Varies
±8' (W. Abut.)
±10' (E. Abut.)

FILE PATH = P:\1605-677\1001-PT16163\Item 9 - Ferro-Vent-Order #24 - U.S. Route 20 (Lake St.)\Over-West Branch DupPage River\CAD Sheets\S04-StageIIConst.dgn

HBM
ENGINEERING GROUP, LLC
CONSULTING & DESIGN
INSPECTION & RATING
RESEARCH & TESTING

4415 WEST HARRISON ST.
SUITE 231
HILLSIDE, IL 60162
PHONE: (708) 236-0900
FAX: (708) 236-0901

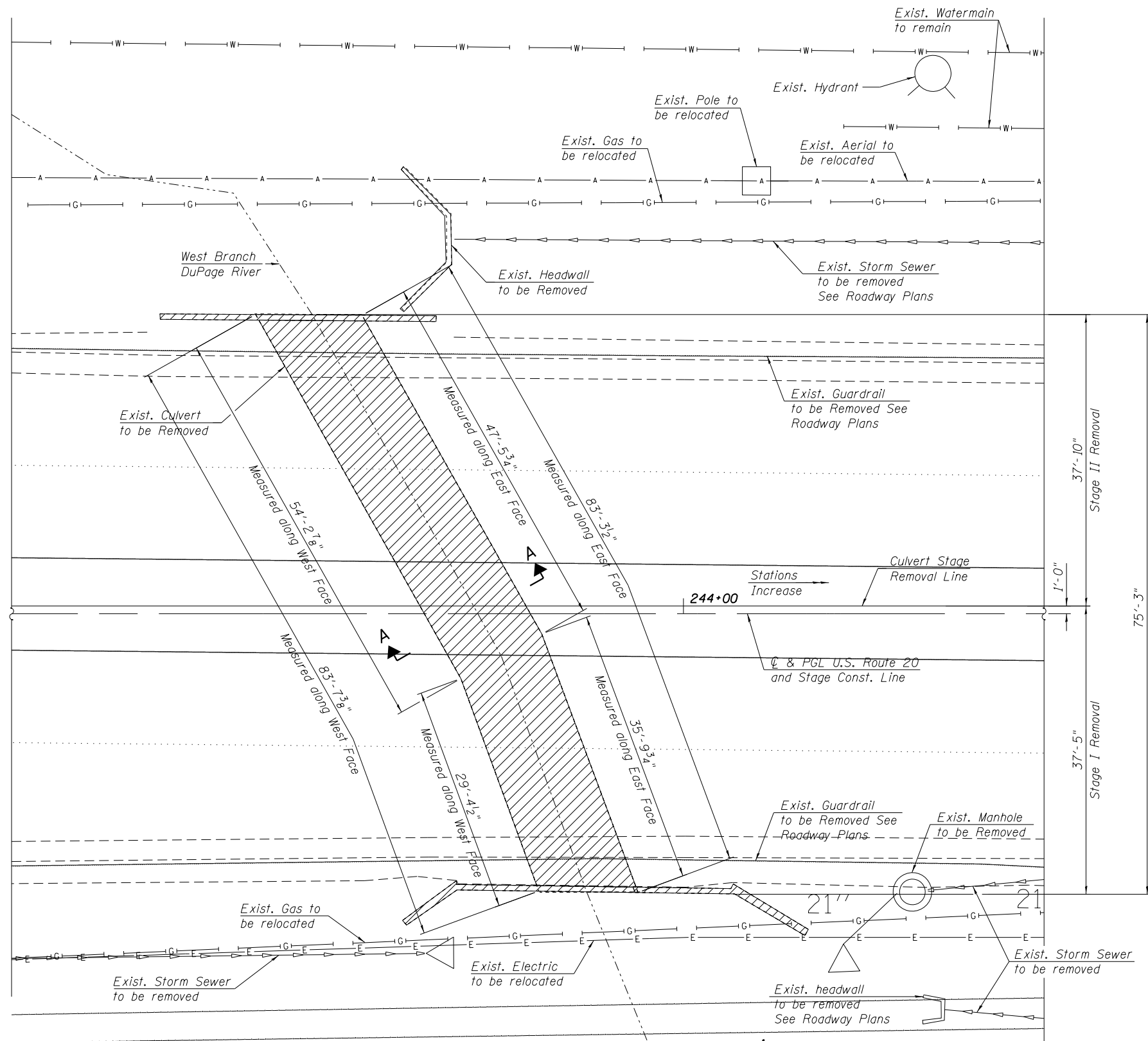
S04-StageIIConst.dgn	DESIGNED - FA	REVISED -
USER NAME = Stoyanka.Kotorakova	DRAWN - FA	REVISED -
PLOT SCALE = 10x0.0000 '1' / in.	CHECKED - MI	REVISED -
PLOT DATE = 10/19/2016	DATE - 6/15/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES II & III CONSTRUCTION
STRUCTURE NO. 022-0548

SCALE: SHEET S-04 OF S-35 SHEETS STA. TO STA.

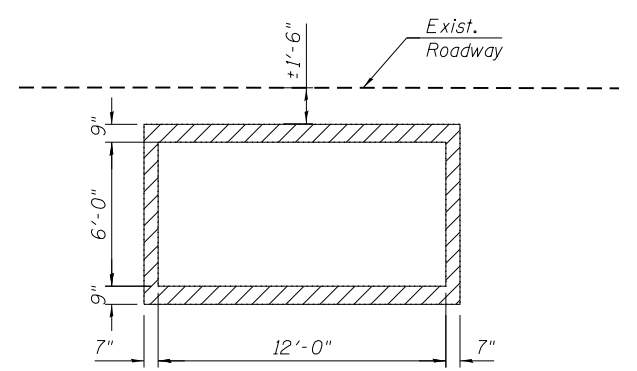
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021/345	2015-006B-R	DUPAGE	170	98
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				



PLAN

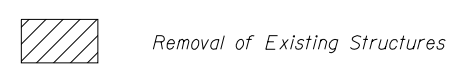
NOTES:

1. Dimensions shown have been taken from historical design drawings and may not represent "as built" conditions. The Contractor must verify all dimensions in the field. Variation in the field dimensions shall not warrant additional compensation for Removal of Existing Structures.
2. For Temporary Soil Retention System and Temporary Sheet Piling, see Sheet S-05.
3. The Contractor shall take precautions to protect existing utilities and adjacent structures during removal and construction. The utilities were located based on SUE and utility supplier information available at design. See Roadway Plans.
4. Existing utilities in conflict with new construction shall be abandoned or relocated according to directions given on the Roadway Plans.



SECTION A-A

LEGEND



BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	EACH	1

FILE PATH = P:\1605-677\1001\PT16163\Item 9 - FerroWork\Order #24 - U.S.Route 20 (Lake St.)\Over West Branch DuPage River\CADD Sheets\S06-ExistStrRem.dgn

HBM
ENGINEERING GROUP, LLC.
CONSULTING & DESIGN
INSPECTION & RATING
RESEARCH & TESTING

4415 WEST HARRISON ST.
SUITE 231
HILLSIDE, IL 60162
PHONE: (708) 236-0900
FAX: (708) 236-0901

S06-ExistStrRem.dgn	DESIGNED - FA	REVISED -
USER NAME = Stojanka,Katorakova	DRAWN - FA	REVISED -
PLOT SCALE = 16x0.0000 '1' / in.	CHECKED - MI	REVISED -
PLOT DATE = 10/19/2016	DATE - 6/15/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE REMOVAL
STRUCTURE NO. 022-0548

SCALE:	SHEET S-06 OF S-35 SHEETS	STA.	TO STA.
--------	---------------------------	------	---------

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021/345	2015-006B-R	DUPAGE	170	100
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				