

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

ADT:
 IL RTE 132 SHEEHAN DR TO DEEP LAKE RD=19,700 (2013) 28,000 (2040)
 IL RTE 132 DEEP LAKE RD TO MUNN RD=21,300 (2013) 29,000 (2040)
 DEEP LAKE RD=10,700 (2013) 16,000 (2040)
 MUNN RD=2,900 (2013) 4,000 (2040)

DESIGN SPEED

IL RTE 132 SHEEHAN DR TO DEEP LAKE RD=40 MPH
 IL RTE 132 DEEP LAKE RD TO MUNN RD=45 MPH
 DEEP LAKE RD=40 MPH
 MUNN RD=20 MPH

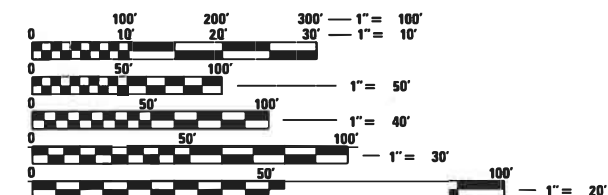
POSTED SPEED LIMIT

IL RTE 132 SHEEHAN DR TO DEEP LAKE RD=40 MPH
 IL RTE 132 DEEP LAKE RD TO MUNN RD=45 MPH
 DEEP LAKE RD=40 MPH
 MUNN RD=20 MPH

DESIGN DESIGNATION

IL RTE 132=OTHER PRINCIPAL ARTERIAL
 DEEP LAKE RD=MINOR ARTERIAL
 MUNN RD=LOCAL ROAD

**PROJECT LOCATED IN THE VILLAGES OF
 LAKE VILLA AND LINDENHURST (IN LAKE COUNTY)**



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

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

PROJECT ENGINEER : FIRAS UDDIN (847) 705-4552
PROJECT MANAGER : MATTHEW ROTHENBERG (847) 705-4230

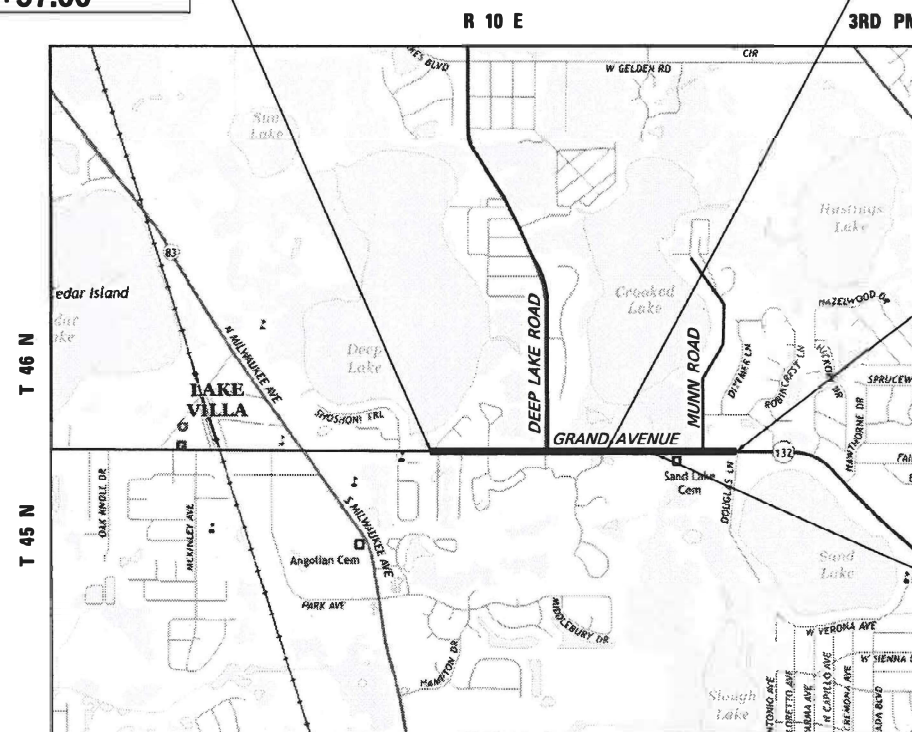
CONTRACT NO. 62D86

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED
 HIGHWAY PLANS**

**FAP ROUTE 541: IL ROUTE 132 (GRAND AVENUE)
 SECTION A-W&RS-2
 FEDERAL PROJECT NO.: NHPP-JOLD (648)
 DEEP LAKE ROAD TO MUNN ROAD
 ROADWAY WIDENING AND RESURFACING
 DRY LAND BRIDGE AND BOX CULVERT REPLACEMENT
 LAKE COUNTY
 C-91-116-17**

**BEGIN IMPROVEMENT
 STA 36+57.00**



**LOCATION MAP
 N.T.S.**

LAKE VILLA TOWNSHIP

GROSS & NET LENGTH = 4,711 FT. = 0.89 MILE

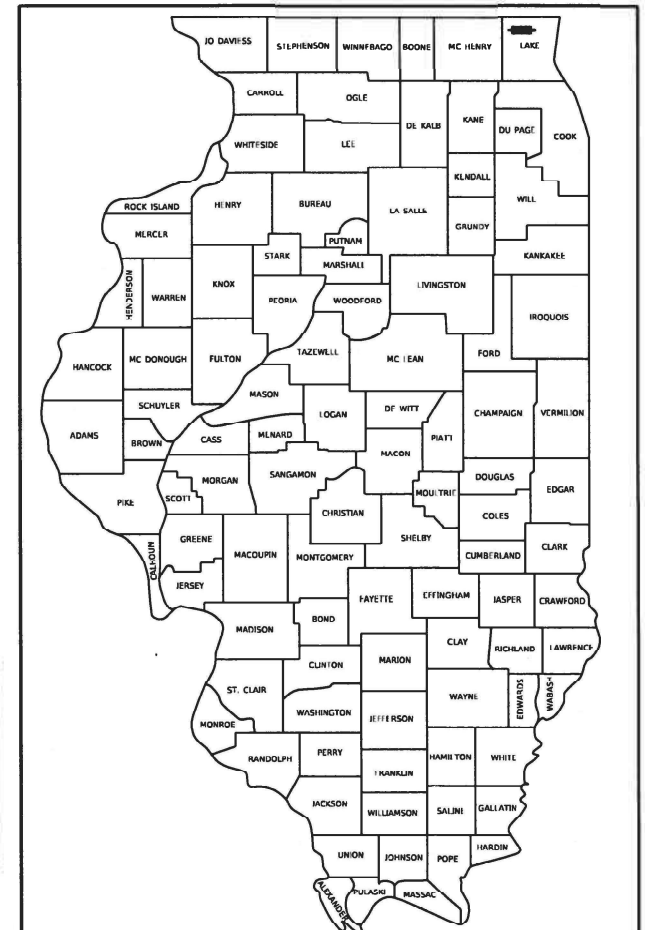
**DRY LAND BRIDGE REPLACEMENT
 EXIST SN 049-D002
 PROP SN 049-D030
 BEGIN STA 61+17.50
 END STA 70+58.50**

**END IMPROVEMENT
 STA 83+68.23**

**BOX CULVERT REPLACEMENT
 EXIST SN 049-0586
 PROP SN 049-0615**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	1
		ILLINOIS	CONTRACT NO. 62D86	

D-91-116-17



LOCATION OF SECTION INDICATED THIS: -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUBMITTED APRIL 20 20 21
Joe Pires REGIONAL ENGINEER

June 25, 2021
Joe A. Elk
 ENGINEER OF DESIGN AND ENVIRONMENT

June 25, 2021
James J. Gu
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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

 NICHOLAS J. SCHILLING III, P.E. NO. 062-059216 EXP. DATE: 11/30/21 APPLY TO DRAWINGS: 1-54, 95-103, 190-205	 YINGHONG CAO, P.E., S.E. NO. 081.008508 EXP. DATE: 11/30/22 APPLY TO DRAWINGS: 126-172	 JOEL L. FEINSTEIN, P.E. NO. 062-046106 EXP. DATE: 11/30/21 APPLY TO DRAWINGS: 65-70	 SRIHAN ADHIKARI, P.E. NO. 062-069784 EXP. DATE: 11/30/21 APPLY TO DRAWINGS: 104-125	 CARL GUTOWSKI, P.E. NO. 062-057132 EXP. DATE: 11/30/21 APPLY TO DRAWINGS: 55-64
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 190-205 CROSS SECTIONS

COMMITMENTS

- 1 THE RESIDENT ENGINEER SHALL CONTACT THE LAKE COUNTY FOREST PRESERVE DISTRICT (LCFPD) AT 847-367-6640 PRIOR TO THE START OF CONSTRUCTION TO INFORM THEM OF THE INITIATION OF CONSTRUCTION ACTIVITIES NEAR THEIR PROPERTIES.

IDOT DISTRICT ONE STANDARDS

BD-01 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER > = 15' (4.5 m)
 BD-02 DRIVEWAY DETAILS - DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)
 BD-07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
 BD-08 DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
 BD-24 CURB OR CURB GUTTER REMOVAL AND REPLACEMENT
 BD-32 BUTT JOINT AND HMA TAPER DETAILS
 BD-36 FIRE HYDRANT TO BE MOVED
 TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDES ROADS, INTERSECTIONS, AND DRIVEWAYS
 TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
 TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
 TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
 TC-16 SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
 TC-21 DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
 TC-22 ARTERIAL ROAD INFORMATION SIGN
 TC-26 DRIVEWAY ENTRANCE SIGNING
 TS-02 MAST ARM MOUNTED STREET NAME SIGNS
 TS-03 HANDHOLE TO INTERCEPT EXISTING CONDUIT
 TS-05 DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
 TS-07 DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

IDOT HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
 424026-03 ENTRANCE / ALLEY PEDESTRIAN CROSSING
 515001-04 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
 602401-07 PRECAST MANHOLE, TYPE A, 4' (1.22 m) DIAMETER
 602402-03 PRECAST MANHOLE, TYPE A, 5' (1.52 m) DIAMETER
 602406-11 PRECAST MANHOLE, TYPE A, 6' (1.83 m) DIAMETER
 602601-06 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
 602701-02 MANHOLE STEPS
 604001-05 FRAME AND LIDS, TYPE 1
 604036-03 GRATE, TYPE 8
 604091-04 FRAME AND GRATE, TYPE 24
 606006-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
 606301-04 PC CONCRETE ISLANDS AND MEDIANS
 606306-04 CORRUGATED PC CONCRETE MEDIANS
 664001-02 CHAIN LINK FENCE
 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEED GREATER THAN OR EQUAL TO 45 MPH TO 55 MPH
 701422-10 LANE CLOSURE, MULTILANE, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH TO 55 MPH
 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH
 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
 701601-09 URBAN SINGLE LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
 701801-06 SIDEWALK CORNER OR CROSSWALK CLOSURE
 701901-08 TRAFFIC CONTROL DEVICES
 704001-08 TEMPORARY CONCRETE BARRIER
 720001-01 SIGN PANEL MOUNTING DETAILS
 720006-04 SIGN PANEL ERECTION DETAILS
 729001-01 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)
 780001-05 TYPICAL PAVEMENT MARKINGS
 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

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PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS AND STATE STANDARDS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	2
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016 HEREIN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2021; THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ADJACENT PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.
3. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED).
4. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ALL UTILITY COMPANIES, THE VILLAGE OF LAKE VILLA AND THE VILLAGE OF LINDENHURST.
5. TEN (10) FOOT LONG TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER TO EXISTING CURB AND GUTTER UNLESS OTHERWISE SHOWN ON THE PLANS. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
6. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES. A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED AT A MINIMUM 1:3 (V:H) WITH WRITTEN APPROVAL FROM THE ENGINEER.
7. BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
8. SAW CUTTING OF PAVEMENT, SHOULDERS, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN CLEAN, STRAIGHT EDGES ON THE PORTIONS REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
9. CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF ANY WORK.
10. THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, AT WALTER.CZARNY@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION ACTIVITIES AND ORDERING OF MATERIAL.
12. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
13. THE CONTRACTOR SHALL VERIFY THE INVERTS OF ALL EXISTING AND PROPOSED CULVERTS AND STORM SEWERS PRIOR TO STARTING CONSTRUCTION ACTIVITIES.
14. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
15. AGGREGATE SUBGRADE IMPROVEMENT (ASI) (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.
16. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.
17. THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS/HER OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED UNDER THE UTILITY OWNER'S DIRECTION AND AT NO ADDITIONAL COST TO THE DEPARTMENT.
18. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES 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 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 WITH THE EXCEPTION OF COFFERDAMS WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) (IN-STREAM /WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.

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PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	3
CONTRACT NO. 62DB6			ILLINOIS FED. AID PROJECT	

S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043			
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE			
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	122	122													
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16	16													
*	20101100	TREE TRUNK PROTECTION	EACH	2	2													
	20200100	EARTH EXCAVATION	CU YD	7,218	7,218													
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3,337	2,560			777										
	20400800	FURNISHED EXCAVATION	CU YD	301	301													
	20800150	TRENCH BACKFILL	CU YD	802	242													560
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	320	320													
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	11,537	11,537													
	21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	1,343	1,343													
*	25000210	SEEDING, CLASS 2A	ACRE	1.6	1.6													
*	25000312	SEEDING, CLASS 4A	ACRE	0.9	0.9													
*	25000314	SEEDING, CLASS 4B	ACRE	0.2	0.2													
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	215	215													
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	215	215													
	25100115	MULCH, METHOD 2	ACRE	3.4	3.4													

* SPECIALTY ITEM

REV-SEP

	USER NAME = nschilling	DESIGNED - BAW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	DRAWN - BAW	REVISED -						541	A-WGRS-2	LAKE	205	4
	PLOT DATE = 5/12/2021	CHECKED - NJS	REVISED -						CONTRACT NO. 62DB6				
				DATE - 3/30/21	REVISED -	SCALE:	SHEET 1	OF 16 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043		
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE		
	25100630	EROSION CONTROL BLANKET	SQ YD	11,537	11,537												
	25200200	SUPPLEMENTAL WATERING	UNIT	570	570												
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	335	335												
	28000305	TEMPORARY DITCH CHECKS	FOOT	133	133												
	28000315	AGGREGATE DITCH CHECKS	TON	39	39												
	28000400	PERIMETER EROSION BARRIER	FOOT	5,478	5,478												
	28000510	INLET FILTERS	EACH	78	78												
	28100105	STONE RIPRAP, CLASS A3	SQ YD	15	15												
	28100107	STONE RIPRAP, CLASS A4	SQ YD	243		243											
	28200200	FILTER FABRIC	SQ YD	307	307												
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	295	295												
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	5,259	5,259												
	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	5,304	1,599				1,425	2,280							
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	2,992	2,992												
	35600706	HOT-MIX ASPHALT BASE COURSE WIDENING, 7 1/2"	SQ YD	391	391												
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5,212	5,212												

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 PLOT DATE = 5/12/2021

DESIGNED - BAW
 DRAWN - BAW
 CHECKED - NJS
 DATE - 3/30/21

REVISED -
 REVISED -
 REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	5
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

REV-SEP

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S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043		
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	13,174	13,174												
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	171	171												
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	704	704												
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	256					256								
	40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	1,977	1,977												
	42001300	PROTECTIVE COAT	SQ YD	5,076	5,076												
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14,499	1,699				12,800								
	42400800	DETECTABLE WARNINGS	SQ FT	233	233												
	44000100	PAVEMENT REMOVAL	SQ YD	2,871	2,871												
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	16,859	16,859												
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	75	75												
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6,690	6,690												
	44000600	SIDEWALK REMOVAL	SQ FT	15,030	15,030												
	44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	80	80												
	44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	60	60												
	44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	80	80												

REV-SEP

	USER NAME = nschilling	DESIGNED - BAW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BAW	REVISED -	541						A-WGRS-2	LAKE	205	6	
	PLOT SCALE = 100,0000' / in.	CHECKED - NJS	REVISED -		SCALE:	SHEET 3	OF 16	SHEETS	STA.	TO STA.	CONTRACT NO. 62DB6		
PLOT DATE = 5/12/2021	DATE - 3/30/21	REVISED -							ILLINOIS FED. AID PROJECT				

S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043		
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE		
	44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	100	100												
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1											
	50200100	STRUCTURE EXCAVATION	CU YD	3,124		1,449	1,675										
	50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	2	2												
	50300225	CONCRETE STRUCTURES	CU YD	762		762											
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	3,239		3,239											
	50300260	BRIDGE DECK GROOVING	SQ YD	6,442		6,442											
	50300300	PROTECTIVE COAT	SQ YD	7,752		7,752											
	50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	186		186											
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,692,820		1,692,820											
	50800515	BAR SPLICERS	EACH	4,533		4,533											
	51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	26,974		26,974											
	51202305	DRIVING PILES	FOOT	26,974		26,974											
	51203200	TEST PILE METAL SHELLS	EACH	16		16											
	51500100	NAME PLATES	EACH	2		1	1										
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	385		385											

* SPECIALTY ITEM

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REV-SEP

	USER NAME = nschilling	DESIGNED - BAW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN - BAW	REVISED -						541	A-W&R5-2	LAKE	205	7
	PLOT DATE = 5/12/2021	CHECKED - NJS	REVISED +		DATE - 3/30/21	REVISED +	SCALE:	SHEET 4 OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 62DB6		
											ILLINOIS FED. AID PROJECT		

S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043		
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE		
	52200010	TEMPORARY SHEET PILING	SQ FT	15,053	15,053												
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	3,451			3,451										
	52200600	GEOTEXTILE RETAINING WALL	SQ FT	4,990		4,990											
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2			2										
	54011206	PRECAST CONCRETE BOX CULVERTS 12' X 6'	FOOT	111			111										
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2												
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1												
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2												
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	333	333												
	550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	60	60												
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	31	31												
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	327	327												
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	96	96												
	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	112	112												
	550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	12	12												
	550A2350	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 21"	FOOT	20	20												

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USER NAME = nschilling
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 5/12/2021

DESIGNED - BAW
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 CHECKED - NJS
 DATE - 3/30/21

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	8
CONTRACT NO. 62DB6			ILLINOIS FED. AID PROJECT	

REV-SEP

S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043		
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE		
	55100400	STORM SEWER REMOVAL 10"	FOOT	28	28												
	55100500	STORM SEWER REMOVAL 12"	FOOT	557	557												
	55100700	STORM SEWER REMOVAL 15"	FOOT	3	3												
	55100900	STORM SEWER REMOVAL 18"	FOOT	29	29												
*	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	23													23
*	56103100	DUCTILE IRON WATER MAIN 8"	FOOT	650													650
*	56105000	WATER VALVES 8"	EACH	4													4
*	56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	4				1							3		
*	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	2													2
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2													2
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	11,784		11,152	632										
	58700300	CONCRETE SEALER	SQ FT	1,156		1,156											
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	247		50	197										
	60100080	FRENCH DRAINS	CU YD	10		10											
	60100085	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ YD	70		70											
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	2,083	2,083												

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REV-SEP

	USER NAME = nschilling	DESIGNED - BAW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN - BAW	REVISED -						541	A-W&R5-2	LAKE	205	9
	PLOT DATE = 5/12/2021	CHECKED - NJS	REVISED +		REVISI -	SCALE:	SHEET 6	OF 16	SHEETS	STA.	TO STA.	CONTRACT NO. 62DB6	

ILLINOIS FED. AID PROJECT

S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043		
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE		
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1												
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	19	19												
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1												
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1												
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3												
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	14	14												
	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3													3
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	3												
	60255500	MANHOLES TO BE ADJUSTED	EACH	24	24												
	60260100	INLETS TO BE ADJUSTED	EACH	3	3												
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2												
	60500050	REMOVING CATCH BASINS	EACH	10	10												
	60500060	REMOVING INLETS	EACH	22	22												
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4,872	4,872												
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,698	2,698												
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	854	854												

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USER NAME = nschilling	DESIGNED - BAW	REVISED -
DRAWN - BAW	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED - NJS	REVISED -
PLOT DATE = 5/12/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 7	OF 16 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	10
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

REV-SEP

S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043		
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE		
	60624600	CORRUGATED MEDIAN	SQ FT	218	218												
	66400305	CHAIN LINK FENCE, 6'	FOOT	441	441												
	66407600	CHAIN LINK GATES, 6' X 12' DOUBLE	EACH	1	1												
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	5,895	5,895												
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6												
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1												
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1												
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	90	90												
	67100100	MOBILIZATION	L SUM	1	1												
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	480	480												
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	390	390												
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,000	4,000												
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	18,364	18,364												
	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	437	437												
	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	45,170	45,170												
	70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	1,945	1,945												

* SPECIALTY ITEM

REV-SEP

	USER NAME = nschilling	DESIGNED - BAW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	DRAWN - BAW	REVISED -					541	A-WGRS-2	LAKE	205	11
	PLOT DATE = 5/12/2021	CHECKED - NJS	REVISED -					CONTRACT NO. 62DB6				
				DATE - 3/30/21	REVISED -	SCALE:	SHEET 8	OF 16 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043		
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE		
	70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	55	55												
	70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	665	665												
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,830	1,830												
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,646	1,646												
	70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2												
	70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2												
*	72000100	SIGN PANEL - TYPE 1	SQ FT	167	167												
*	* 72000200	SIGN PANEL - TYPE 2	SQ FT	45							45						
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	100	100												
*	72900200	METAL POST - TYPE B	FOOT	296	296												
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	390	390												
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	20,495	20,495												
*	78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	389	389												
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,554	2,554												
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	706	706												
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	304	304												

* SPECIALTY ITEM

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 DATE: 5/12/2021



USER NAME = nschilling	DESIGNED - BAW	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - BAW	REVISED -
PLOT DATE = 5/12/2021	CHECKED - NJS	REVISED -
	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 9 OF 16 SHEETS STA. TO STA.


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	12
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

REV-SEP

S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043		
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE		
*	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	37	37												
*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	4,659	4,659												
*	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	151	151												
*	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	44	44												
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	414	414												
	78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	340	340												
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	582	582												
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	512	512												
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	EACH	484	484												
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	EACH	2,691	2,691												
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,272							82		1,190				
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	111							101	10					
*	81400100	HANDHOLE	EACH	1									1				
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1												
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,320							1,320						
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,081							1,081						

* SPECIALTY ITEM

REV-SEP

	USER NAME = nschilling	DESIGNED - BAW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	DRAWN - BAW	REVISED -					541	A-WGRS-2	LAKE	205	13
	PLOT DATE = 5/12/2021	CHECKED - NJS	REVISED -					CONTRACT NO. 62DB6				
	DATE - 3/30/21	REVISED -		SCALE:	SHEET 10	OF 16	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

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S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043		
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE		
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	768							768						
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	704							704						
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	80							80						
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	791							791						
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2							2						
	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1							1						
	87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1							1						
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12							12						
*	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	14							14						
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13							13						
	87900200	DRILL EXISTING HANDHOLE	EACH	12							9	1	2				
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2							2						
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	2							2						
*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	795							795						
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	8							8						
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2							1	1					
*	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	6							6						

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USER NAME = nschilling	DESIGNED - BAW	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - BAW	REVISED -
PLOT DATE = 5/12/2021	CHECKED - NJS	REVISED +
	DATE - 3/30/21	REVISED +

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 11 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&R5-2	LAKE	205	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62DB6	

REV-SEP

S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043	
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE	
*	*	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	4						4					
*	*	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2						2					
*	*	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1									1		
*	*	89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1									1		
*	*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	541						541					
*	*	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	2,898								2,898			
*	*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1						1					
*	*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5						5					
*	*	A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6										
*	*	A2005040	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1										
*	*	A2005956	TREE, PLATANUS X ACERIFOLIA MORTON CIRCLE (EXCLAMATION LONDON PLANETREE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3										
*	*	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6										
*	*	X0100003	CLEARING AND GRUBBING	SQ YD	1,970	1,970										
*	*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	5	5										
*	*	X0322939	RELOCATE EXISTING FLARED END SECTION	EACH	1	1										
*	*	X0322400	PILE EXTRACTION	EACH	8		8									

* SPECIALTY ITEM

REV-SEP

	USER NAME = nschilling	DESIGNED - BAW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	CHECKED - NJS	REVISED -						541	A-WGRS-2	LAKE	205	15
	PLOT DATE = 5/12/2021	DATE - 3/30/21	REVISED -			SCALE:	SHEET 12 OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 62DB6			
								ILLINOIS		FED. AID PROJECT			

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S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES										
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	187									187		
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	200						100		100			
*	X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	5,365				2,820	2,545						
*	X0326309	RELOCATE EXISTING REMOTE - CONTROLLED VIDEO SYSTEM (SPECIAL) (LCDOT)	EACH	1						1					
*	X0800003	COARSE AGGREGATE BACKFILL (SPECIAL)	CU YD	671			671								
*	X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	197			197								
*	X1200050	BOX CULVERT REMOVAL	FOOT	67			67								
*	X1200062	PREPARED SOIL, 12"	SQ YD	572	572										
*	X1200090	TRAVERSABLE PIPE GRATE, SPECIAL	EACH	1	1										
*	X1200238	WATER MAIN FITTINGS	POUND	175											175
*	X1400012	REMOVE AND REINSTALL FIBER OPTIC CABLE IN CONDUIT	FOOT	2,898								2,898			
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1						1					
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1						1					
*	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3						3					
*	X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	1	1										
*	X5610748	WATER MAIN LINE STOP 8"	EACH	4											4
*	X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	4											4

* SPECIALTY ITEM

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PLOT SCALE = 100.0000' / in.	DRAWN - BAW	REVISED -
PLOT DATE = 5/12/2021	CHECKED - NJS	REVISED +
	DATE - 3/30/21	REVISED +

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 13 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	16
CONTRACT NO. 62DB6			ILLINOIS FED. AID PROJECT	

REV-SEP

S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES															
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043					
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE					
*	X5631212	CONNECTION TO EXISTING FORCE MAIN, 12"	EACH	2																
*	X6024503	INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	6	6															
*	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	24	24															
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1															
*	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	18,370	18,370															
*	X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	729	729															
*	X8100863	INTERCEPT EXISTING CONDUIT	EACH	1							1									
*	X8780010	CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER	FOOT	16							16									
*	Z0004552	APPROACH SLAB REMOVAL	SQ YD	215	215															
*	Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	50	50															
□	Z0010600	CLEANING DRAINAGE SYSTEM	FOOT	2,510	2,510															
□	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1															
*	Z0016702	DETOUR SIGNING	L SUM	1	1															
*	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	19	19															
*	Z0022800	FENCE REMOVAL	FOOT	442	442															
*	Z0026400	FURNISHING AND PLACING SAND FILL	CU YD	191	191															
*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	288	288															

* SPECIALTY ITEM

□ NON-PART 100% STATE REV-SEP

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PLOT DATE = 5/12/2021	DATE = 3/30/21	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 14 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&R5-2	LAKE	205	17
CONTRACT NO. 62DB6			ILLINOIS FED. AID PROJECT	

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S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
					ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043	
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE	
*	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1									1			
*	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	11,550	11,550											
*	Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	46	46											
*	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	136		136										
*	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	128	128											
*	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	273	273											
*	Z0068200	STEEL CASINGS 30"	FOOT	630		630										
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2							1	1				
*	X1200271	FIELD LOC 350 8" GASKET	EACH	8												8
*	X1200272	WATER MAIN SUPPORT	EACH	1											1	
*	X1200276	REMOVE AND DISPOSE EXISTING FORCE MAIN & WATER MAIN	L SUM	1												1
*	X1200273	STEEL CASING PIPE, OPEN CUT TRENCH, 24" (SAN. FORCE MAIN & WATER MAIN)	FOOT	80												80
*	X1200293	DUCTILE IRON FITTINGS	POUND	250												250
*	X1200275	DUCTILE IRON FORCEMAIN, 12"	FOOT	85												85

* SPECIALTY ITEM

REV-SEP

	USER NAME = nschilling	DESIGNED - BAW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN - BAW	REVISED -		541	A-W&RS-2	LAKE	205	18				
	PLOT DATE = 5/12/2021	CHECKED - NJS	REVISED -		SCALE: SHEET 15 OF 16 SHEETS STA. TO STA.				CONTRACT NO. 62DB6		ILLINOIS FED. AID PROJECT		

CONSTRUCTION TYPE CODES

S.P.	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	BRIDGE REPLACEMENT SN 049-D030 0010	CULVERT REPLACEMENT SN 049-0615 0010	SIDEWALK FROM DEEP LAKE RD TO MUNN RD 0021	SHARED USE PATH FROM DEEP LAKE RD TO MUNN RD 0028	TRAFFIC SIGNALS IL ROUTE 132 @ DEEP LAKE RD 0021	TRAFFIC SIGNALS IL ROUTE 132 @ MUNN RD 0021	TRAFFIC SIGNAL INTERCONNECT 0021	IL ROUTE 132 PRE-EMPTION EQUIPMENT 0021	UTILITIES 0043	UTILITIES 0043
					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% LINDENHURST	80% FED 20% LINDENHURST	80% FED 10% STATE 5% LAKE VILLA 5% LAKE COUNTY	80% FED 20% STATE	80% FED 20% STATE	100% LAKE VILLA FPD	100% LINDENHURST	80% FED 20% STATE
*	X1200277	COMBINATION AIR/VACUUM VALVE, 2"	EACH	1											1
*	X1200274	TEMPORARY BYPASS PUMPING SYSTEM	L SUM	1											1
∅	Z0076600	TRAINEES	HOURS	2000	2000										
∅	Z0076604	TRAINEES-TRAINING PROGRAM GRADUATE	HOURS	2000	2000										

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PLOT DATE = 5/12/2021	DATE = 3/30/21	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

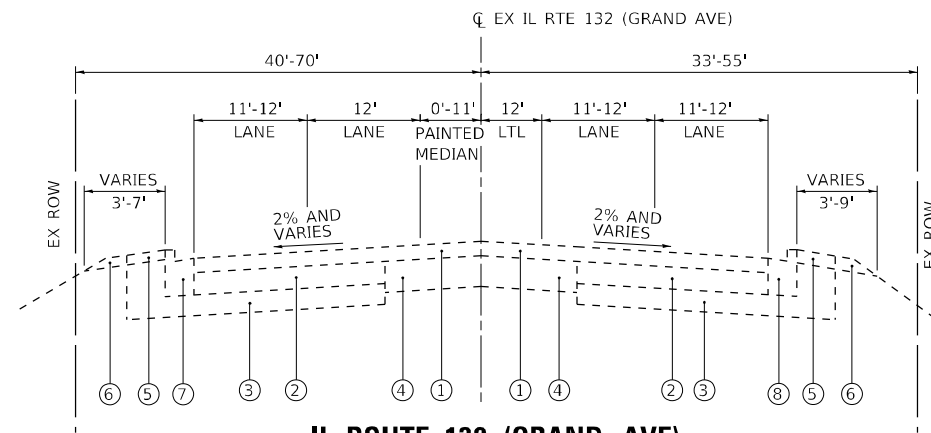
SUMMARY OF QUANTITIES

SCALE: SHEET 16 OF 16 SHEETS STA. TO STA.

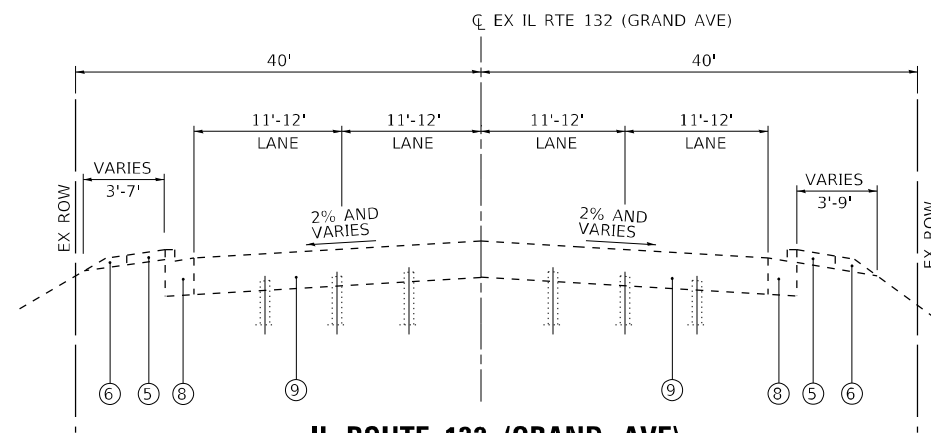
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541	A-W&R5-2	LAKE	205	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62DB6	

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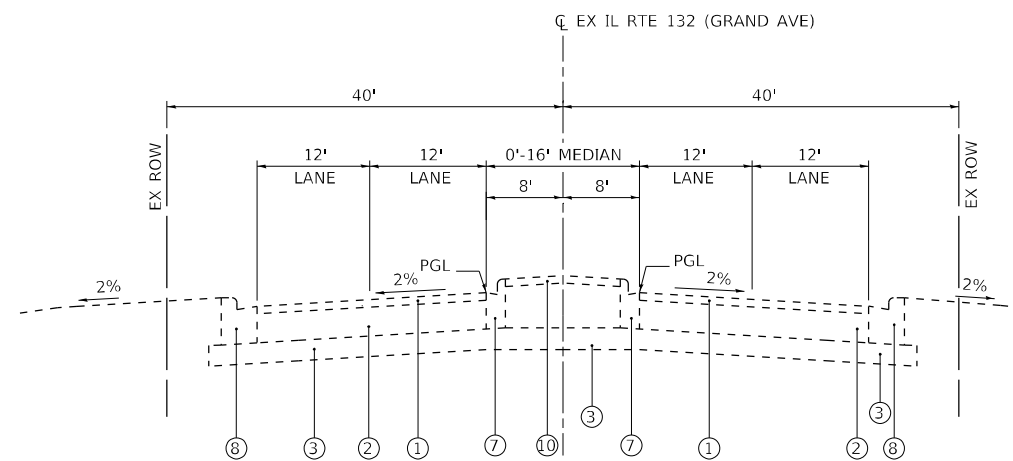
REV-SEP



IL ROUTE 132 (GRAND AVE)
EXISTING TYPICAL SECTION
 STA. 36+57 TO STA. 61+14



IL ROUTE 132 (GRAND AVE)
EXISTING TYPICAL SECTION
 STA. 61+14 TO STA. 70+57



IL ROUTE 132 (GRAND AVE)
EXISTING TYPICAL SECTION
 STA. 70+57 TO STA. 74+73

EXISTING LEGEND

- ① HMA CONCRETE SURFACE COURSE & BINDER COURSE, 5"±
- ② HMA CONCRETE BASE COURSE, 9.5"±
- ③ GRANULAR SUB-BASE
- ④ PCC PAVEMENT, 10"±
- ⑤ HMA PATH
- ⑥ AGGREGATE SHOULDER
- ⑦ COMBINATION CONCRETE C&G, TYPE B-6.12
- ⑧ COMBINATION CONCRETE C&G, TYPE B-6.24
- ⑨ CONCRETE DECK
- ⑩ CONCRETE MEDIAN

NOTE: EXISTING PAVEMENT THICKNESS IS APPROXIMATE.

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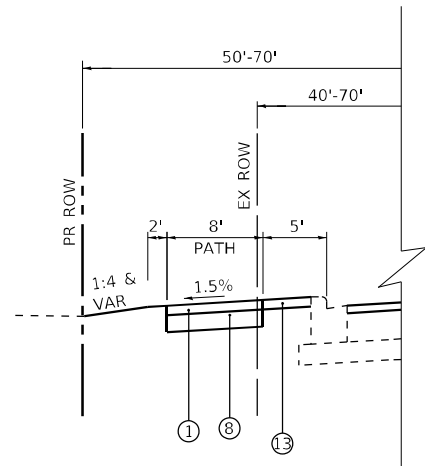
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	DRAWN - PAK	REVISED -
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PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

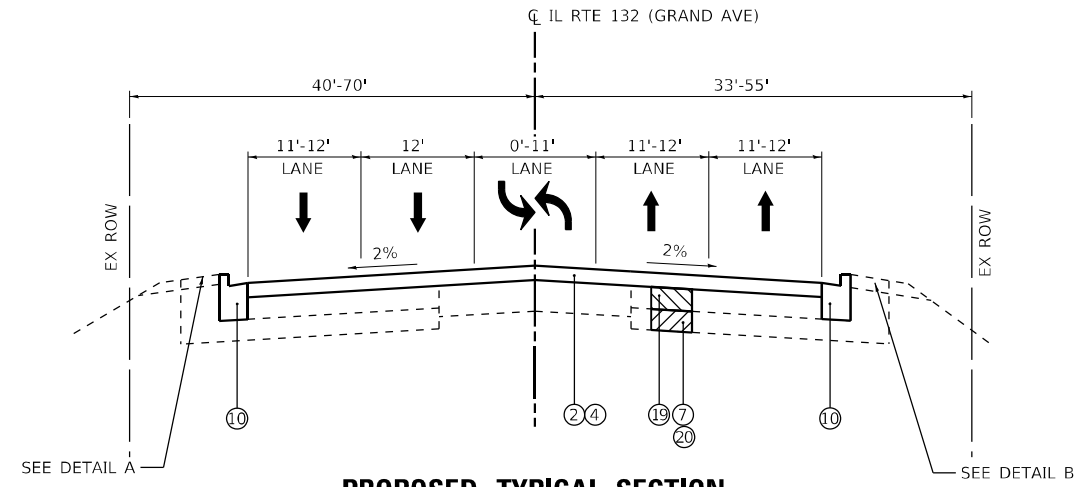
ILLINOIS ROUTE 132 GRAND AVENUE
EXISTING TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 3 SHEETS STA. 36+57 TO STA. 74+73

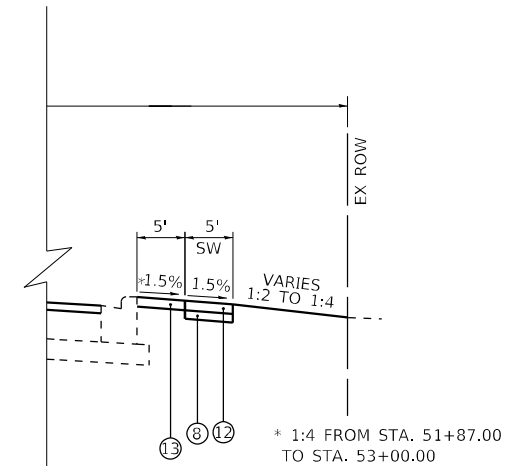
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	20
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



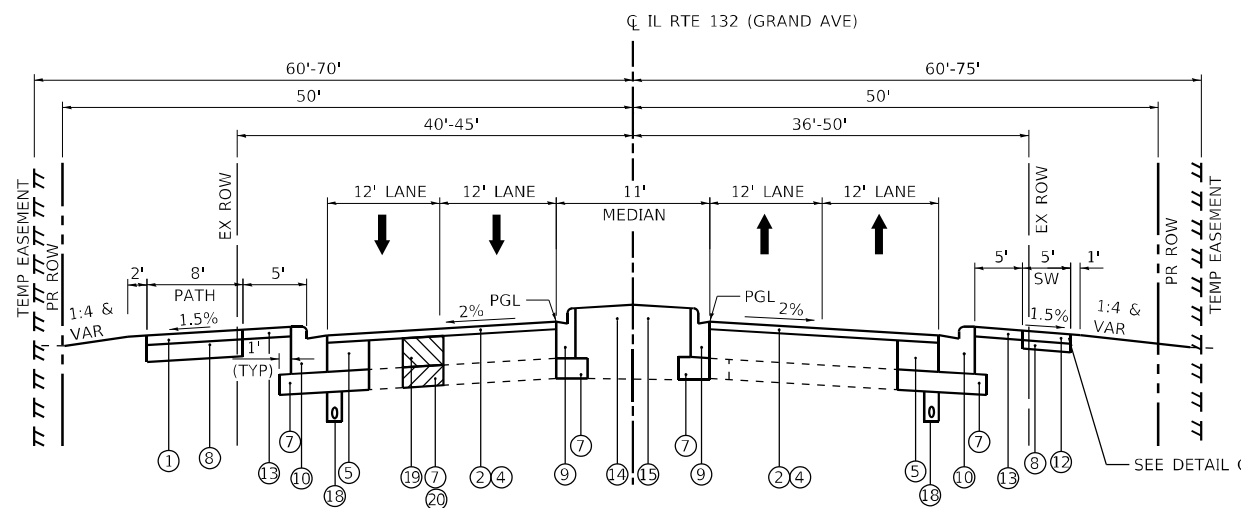
DETAIL A
STA. 51+72.00 TO STA. 55+02.00



PROPOSED TYPICAL SECTION
STA. 36+57.00 TO STA. 55+02.00

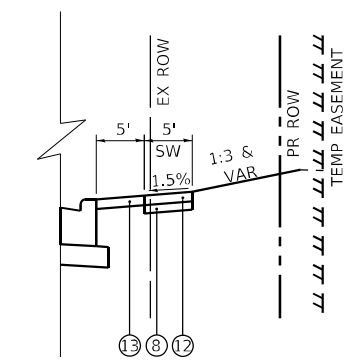


DETAIL B
STA. 51+32.00 TO STA. 55+02.00
* 1:4 FROM STA. 51+87.00 TO STA. 53+00.00



PROPOSED TYPICAL SECTION
STA. 55+02.00 TO STA. 61+17.50

APPROACH SLAB
STA. 60+87.50 TO STA. 61+17.50



DETAIL C
STA. 57+62.00 TO STA. 59+90.00
15' TRANSITION FROM -1.5% TO +1.5%
STA. 57+62.00 TO STA. 57+77.00
STA. 59+75.00 TO STA. 59+90.00

HOT MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING / WIDENING		
1 1/4" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL 9.5 mm)	4% @ 70 Gyr.	QCP
3/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 Gyr.	QC/QA
7 1/2" HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19.0)	4% @ 90 Gyr.	QC/QA
RECONSTRUCTION		
2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL 9.5 mm)	4% @ 70 Gyr.	QCP
8" HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0)	4% @ 90 Gyr.	QC/QA
SHARED USE PATH		
2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	4% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"		
2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	4% @ 50 Gyr.	QC/QA
8" HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0)	4% @ 50 Gyr.	QC/QA
PATCHING		
CLASS D PATCHES, 12" (HMA BINDER IL-19 mm)	4% @ 70 Gyr.	QC/QA

QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)

- NOTES:**
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 - MILLING SHALL BE DONE PRIOR TO PATCHING.
 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
 - FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
 - QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
 - THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BC IL-4.75 N50. IT SHALL ALSO BE APPLIED BEFORE AND AFTER TOP HMA BASE COURSE.

PROPOSED LEGEND

- 2" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50
- 1 1/4" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX E, N70
- 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX E, N70
- 3/4" POLYMERIZED HOT-MIX BINDER COURSE, IL-4.75, N50
- 7 1/2" HOT-MIX ASPHALT BASE COURSE WIDENING
- 8" HOT-MIX ASPHALT BASE COURSE
- 12" AGGREGATE SUBGRADE IMPROVEMENT
- SUBBASE GRANULAR MATERIAL, TYPE B 6"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- CONCRETE DECK
- PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- TOPSOIL FURNISH AND PLACE, 4", SEEDING, CLASS 2A
- TOPSOIL FURNISH AND PLACE, 24", SEEDING, CLASS 2A
- CONCRETE MEDIAN, TYPE SB-6.12 (FOR MEDIAN WIDTH LESS THAN 6')
- LIGHTWEIGHT CELLULAR CONCRETE FILL (LCCF)
- EMBANKMENT CAP OVER LCCF
- PIPE UNDERDRAINS
- CLASS D PATCHES, 12" (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- TEMPORARY SHEET PILING

- NOTES:**
- A. ALL PROPOSED CONCRETE MEDIANS SIX FEET WIDE OR LESS SHALL BE Poured MONOLITHICALLY AND THE OPTIONAL CONSTRUCTION JOINT SHOWN ON IDOT HIGHWAY STANDARD 606301 WILL NOT BE ALLOWED.

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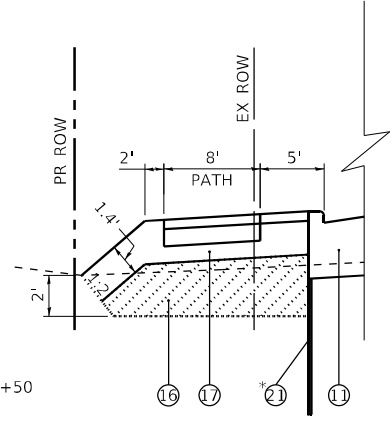
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PLOT DATE = 5/3/2021	CHECKED - NJS	REVISED -
	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 GRAND AVENUE
PROPOSED TYPICAL SECTIONS**

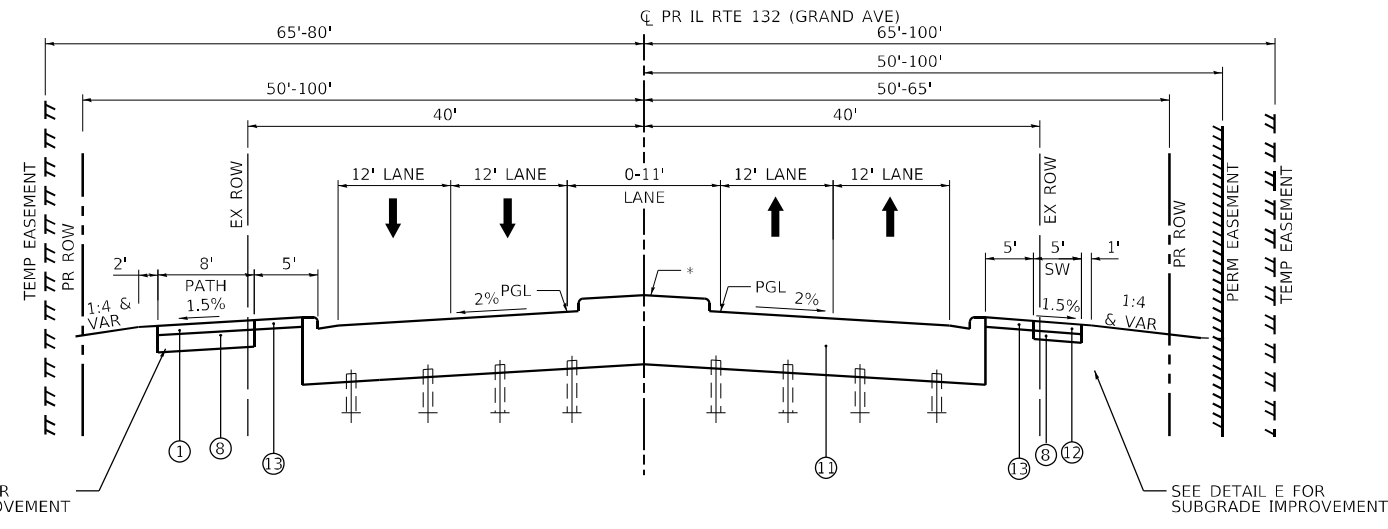
SCALE: NTS SHEET 2 OF 3 SHEETS STA. 36+57.00 TO STA. 61+17.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	21
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



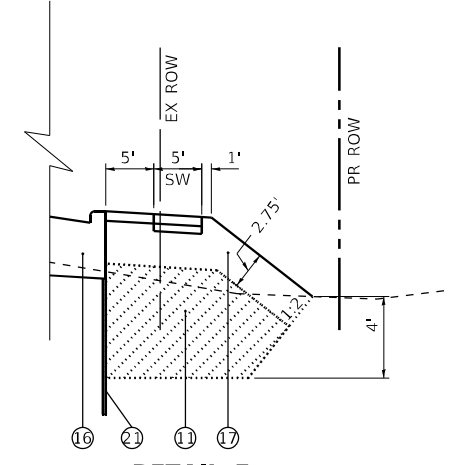
* FROM STA. 67+50 TO STA. 69+50

DETAIL D
SUBGRADE IMPROVEMENTS
STA. 62+00 TO STA. 69+50
2' UNDERCUT
MINIMUM 1.4' EMBANKMENT CAP

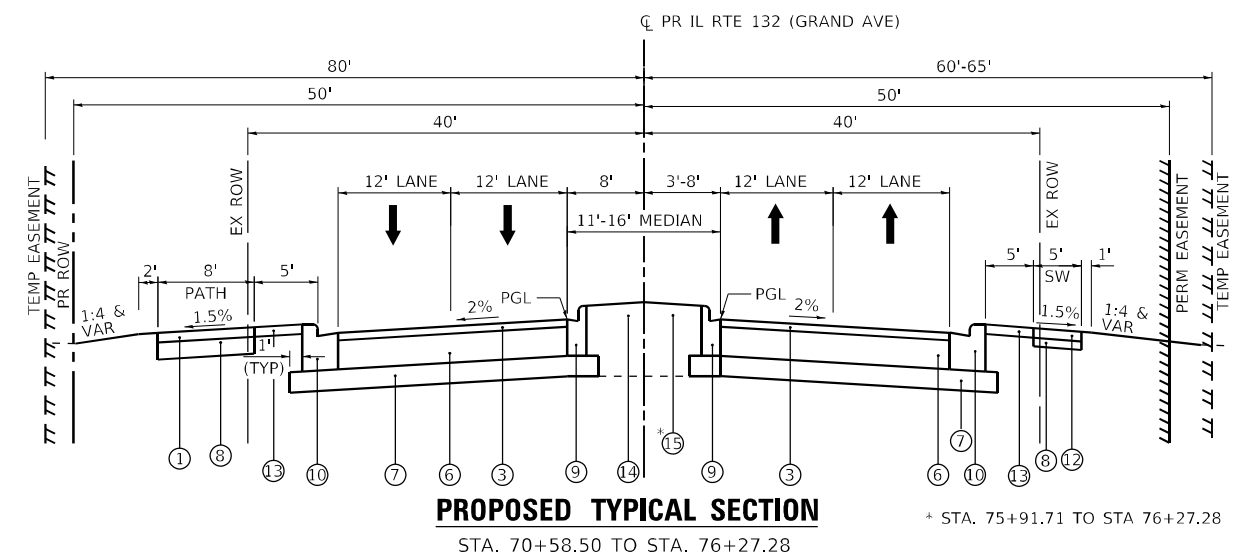


PROPOSED TYPICAL SECTION
DRY LAND BRIDGE
STA. 61+17.50 TO STA. 70+58.50

* CONCRETE MEDIAN FROM STA. 63+81.50 TO STA. 70+90

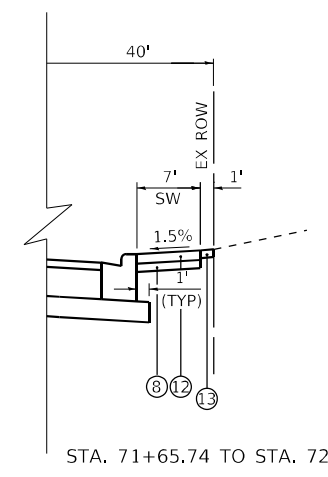


DETAIL E
SUBGRADE IMPROVEMENTS
STA. 62+00 TO STA. 69+50
4' UNDERCUT
MINIMUM 2.75' EMBANKMENT CAP



PROPOSED TYPICAL SECTION
APPROACH SLAB
STA. 70+58.50 TO STA. 76+27.28

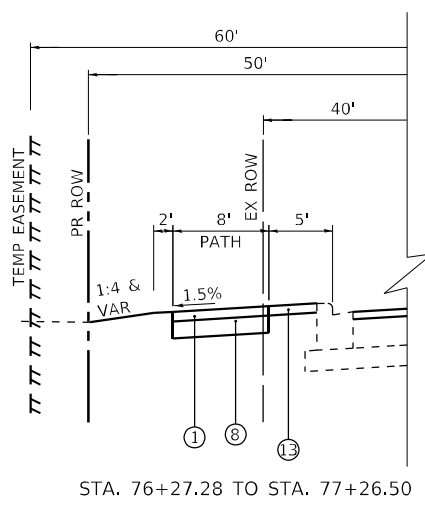
* STA. 75+91.71 TO STA. 76+27.28



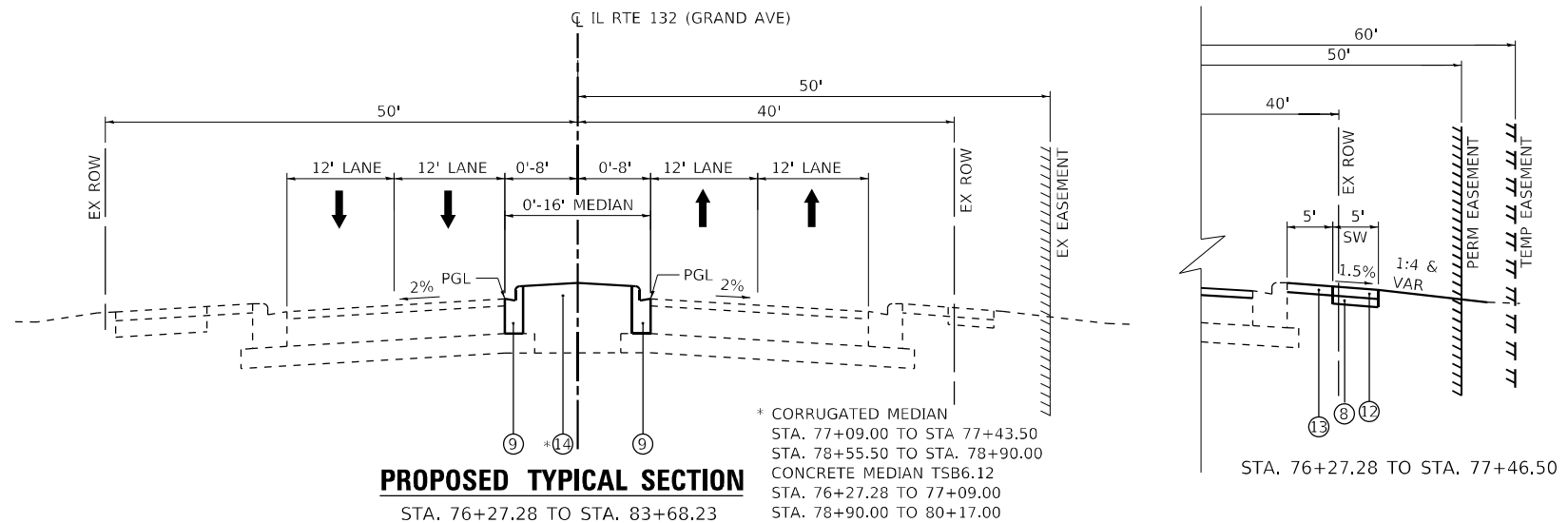
STA. 71+65.74 TO STA. 72+99.07

NOTES:

A. ALL PROPOSED CONCRETE MEDIANS SIX FEET WIDE OR LESS SHALL BE POURED MONOLITHICALLY AND THE OPTIONAL CONSTRUCTION JOINT SHOWN ON IDOT HIGHWAY STANDARD 606301 WILL NOT BE ALLOWED.

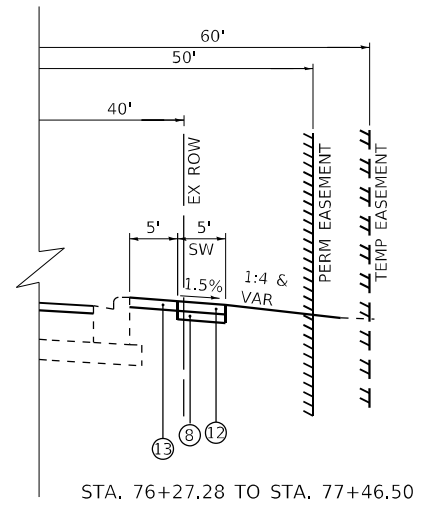


STA. 76+27.28 TO STA. 77+26.50



PROPOSED TYPICAL SECTION
STA. 76+27.28 TO STA. 83+68.23

* CORRUGATED MEDIAN
STA. 77+09.00 TO STA. 77+43.50
STA. 78+55.50 TO STA. 78+90.00
CONCRETE MEDIAN TSB6.12
STA. 76+27.28 TO 77+09.00
STA. 78+90.00 TO 80+17.00



STA. 76+27.28 TO STA. 77+46.50

PROPOSED LEGEND

- ① 2" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50
- ② 1 3/4" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX E, N70
- ③ 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX E, N70
- ④ 3/4" POLYMERIZED HOT-MIX BINDER COURSE, IL-4.75, N50
- ⑤ 7 1/2" HOT-MIX ASPHALT BASE COURSE WIDENING
- ⑥ 8" HOT-MIX ASPHALT BASE COURSE
- ⑦ 12" AGGREGATE SUBGRADE IMPROVEMENT
- ⑧ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑪ CONCRETE DECK
- ⑫ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑬ TOPSOIL FURNISH AND PLACE, 4", SEEDING, CLASS 2A
- ⑭ TOPSOIL FURNISH AND PLACE, 24", SEEDING, CLASS 2A
- ⑮ CONCRETE MEDIAN, TYPE SB-6.12 (FOR MEDIAN WIDTH LESS THAN 6')
- ⑯ LIGHTWEIGHT CELLULAR CONCRETE FILL (LCCF)
- ⑰ EMBANKMENT CAP OVER LCCF
- ⑱ PIPE UNDERDRAINS
- ⑲ CLASS D PATCHES, 12" (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- ⑳ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- ㉑ TEMPORARY SHEET PILING

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PLOT DATE: 5/3/2021



USER NAME = nschilling	DESIGNED - JAC	REVISED -
PLOT SCALE = 20,0000 * / in.	DRAWN - PAK	REVISED -
PLOT DATE = 5/3/2021	CHECKED - NJS	REVISED -
	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 132 GRAND AVENUE
PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET 3 OF 3 SHEETS STA. 61+17.50 TO STA. 78+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	22
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

IL 132 EARTHWORK			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	SUITABLE EARTH EXCAVATION (CUT)	SUITABLE EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT (FILL)	LCCF	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
52+00.00	TO	52+50.00	39	7	6	52	0	-46
52+50.00	TO	53+00.00	38	7	6	53	0	-47
53+00.00	TO	53+50.00	32	5	4	33	0	-29
53+50.00	TO	54+00.00	28	2	2	17	0	-15
54+00.00	TO	54+50.00	30	19	16	5	0	11
54+50.00	TO	55+00.00	34	49	42	3	0	40
55+00.00	TO	55+50.00	37	83	70	2	0	69
55+50.00	TO	56+00.00	42	100	85	3	0	82
56+00.00	TO	56+50.00	45	104	88	4	0	84
56+50.00	TO	57+00.00	50	129	109	3	0	106
57+00.00	TO	57+50.00	57	195	165	1	0	164
57+50.00	TO	58+00.00	59	236	200	0	0	200
58+00.00	TO	58+50.00	62	266	226	0	0	226
58+50.00	TO	59+00.00	60	275	233	0	0	233
59+00.00	TO	59+50.00	50	191	163	0	0	162
59+50.00	TO	60+00.00	44	107	91	1	0	91
60+00.00	TO	60+50.00	37	54	46	10	0	37
60+50.00	TO	61+00.00	33	14	12	37	0	-25
61+00.00	TO	61+50.00	34	0	0	59	0	-59
61+50.00	TO	62+00.00	39	107	91	112	0	-21
62+00.00	TO	62+50.00	47	231	196	174	249	22
62+50.00	TO	63+00.00	51	254	216	190	290	26
63+00.00	TO	63+50.00	50	260	221	196	298	25
63+50.00	TO	64+00.00	50	256	217	188	289	29
64+00.00	TO	64+50.00	49	244	207	178	237	30
64+50.00	TO	65+00.00	47	219	186	170	206	16
65+00.00	TO	65+50.00	48	215	183	172	245	10
65+50.00	TO	66+00.00	52	233	198	187	298	11
66+00.00	TO	66+50.00	57	277	235	204	364	31
66+50.00	TO	67+00.00	61	319	271	212	414	59
67+00.00	TO	67+50.00	60	328	279	205	439	74
67+50.00	TO	68+00.00	76	389	330	202	453	128
68+00.00	TO	68+50.00	97	498	423	211	499	212
68+50.00	TO	69+00.00	102	548	466	217	514	249
69+00.00	TO	69+50.00	112	577	491	222	569	269
69+50.00	TO	70+00.00	102	304	259	398	0	-139
70+00.00	TO	70+50.00	74	0	0	437	0	-437
70+50.00	TO	71+00.00	61	0	0	281	0	-281
71+00.00	TO	71+50.00	52	0	0	233	0	-233
71+50.00	TO	72+00.00	47	0	0	207	0	-207
72+00.00	TO	72+50.00	46	0	0	234	0	-233
72+50.00	TO	73+00.00	55	13	11	265	0	-254
73+00.00	TO	73+50.00	59	24	20	251	0	-231
73+50.00	TO	74+00.00	57	19	16	237	0	-221
74+00.00	TO	74+50.00	54	9	8	233	0	-225
74+50.00	TO	75+00.00	47	2	2	166	0	-165
75+00.00	TO	75+50.00	37	0	0	70	0	-70
75+50.00	TO	76+00.00	36	23	19	30	0	-11
76+00.00	TO	76+50.00	19	23	19	13	0	6
ADA RAMPS			4	7	6	8	0	-2
MISC USE			0	0	0	50	0	-50
TOTALS =			2,560	7,218	6,136	6,436	5,365	-301

20100110					
TREE REMOVAL (6 TO 15 UNITS DIAMETER)					
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	UNIT
IL-132	REM-01	53+37	52'	LT	6
IL-132	REM-01	55+68	47'	RT	6
IL-132	REM-01	56+37	58'	RT	7
IL-132	REM-01	56+80	51'	RT	6
IL-132	REM-01	56+93	47'	RT	6
IL-132	REM-01	57+53	51'	RT	6
IL-132	REM-01	57+85	47'	RT	6
IL-132	REM-02	58+26	49'	RT	6
IL-132	REM-02	58+57	49'	RT	6
IL-132	REM-02	58+89	49'	RT	6
IL-132	REM-02	59+20	49'	RT	6
IL-132	REM-02	59+47	48'	RT	6
IL-132	REM-02	61+88	53'	LT	6
IL-132	REM-02	61+90	48'	LT	6
IL-132	REM-02	67+03	50'	RT	10
IL-132	REM-02	67+09	57'	RT	11
IL-132	REM-02	69+01	41'	RT	10
IL-132	REM-02	69+33	47'	LT	6
TOTAL					122

20100210					
TREE REMOVAL (OVER 15 UNITS DIAMETER)					
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	UNIT
IL-132	REM-02	67+05	51'	RT	16
TOTAL					16

35501316									
HOT-MIX ASPHALT BASE COURSE, 8"									
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	SQ YD
IL-132	RD-03	70+87.00			72+00.00			5,424	603
IL-132	RD-04	72+00.00			76+27.28			21,503	2389
TOTAL								2992	

35600706									
HOT-MIX ASPHALT BASE COURSE, WIDENING, 7 1/2"									
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	SQ YD
IL-132	RD-02	55+02.00	30'	LT	58+00.00	30'	LT	609	67.7
IL-132	RD-02	55+74.00	30'	RT	58+00.00	30'	RT	363	40.3
IL-132	RD-03	58+00.00	30'	LT	61+14.00	30'	LT	1,197	133.0
IL-132	RD-03	58+00.00	30'	RT	60+60.07	30'	RT	1,349	149.9
TOTAL								391	

40603200											
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50											
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	DENSITY	DEPTH (IN)	TON
IL-132	RD-01	36+57			46+00			56789	112	0.75	265.0
IL-132	RD-02	46+00			58+00			75965	112	0.75	355.0
IL-132	RD-03	58+00			61+14			17982	112	0.75	84.0
TOTAL											704

EARTHWORK BILL OF MATERIAL		
PAY ITEM NO.	DESIGNATION	TOTAL (CU YD)
20200100	EARTH EXCAVATION	7,218
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	3,337 *
20400800	FURNISHED EXCAVATION	301
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	5,365

* INCLUDES 777 CU YD FOR BOX CULVERT WORK AT HASTINGS CREEK

USER NAME = nschilling	DESIGNED - CRD	REVISED -
DRAWN - BAW	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED - NJS	REVISED -
PLOT DATE = 5/12/2021	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	23

CONTRACT NO. 62DB6

ILLINOIS FED. AID PROJECT

40600982									
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT									
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	SQ YD
IL-132	REM-01							1036	115.1
IL-132	REM-02							495	55.0
								TOTAL	171

44000159									
HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"									
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	SQ YD
IL-132	REM-01	36+57.00			46+00.00			56,579.0	6,286.6
IL-132	REM-01	46+00.00			58+00.00			78,542.0	8,726.9
IL-132	REM-02	58+00.00			60+86.00			16,604.0	1,845.0
								TOTAL	16,859

40604060										
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50										
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	DEPTH (IN)	TON
IL-132	RD-02	51+96	37'	LT	58+00	37'	LT	4824	2.00	60.0
IL-132	RD-03	58+00	37'	LT	72+00	40'	LT	11092	2.00	138.0
IL-132	RD-04	72+00	40'	LT	77+69	40'	LT	4516	2.00	58.0
									TOTAL	256

44000200									
DRIVEWAY PAVEMENT REMOVAL									
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	SQ YD
IL-132	REM-02	64+50			64+50			671	74.6
								TOTAL	75

40604172											
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70											
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	DENSITY	DEPTH (IN)	TON
IL-132	RD-01	36+57			46+00			56,783	112	1.75	618
IL-132	RD-02	46+00			58+00			75,965	112	1.75	827
IL-132	RD-03	58+00			61+14			17,982	112	1.75	196
IL-132	RD-03	70+87			72+00			5,424	112	2.00	68
IL-132	RD-04	72+00			76+27.28			21,503	112	2.00	268
										TOTAL	1,977

44000500									
COMBINATION CURB AND GUTTER REMOVAL									
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT	
IL-132	REM-01	36+57		LT	46+00		LT	940	
IL-132	REM-01	36+57		RT	46+00		RT	87	
IL-132	REM-01	46+00		LT	58+00		LT	1,250	
IL-132	REM-01	46+00		RT	58+00		RT	761	
IL-132	REM-02	58+00		LT	72+00		LT	1,400	
IL-132	REM-02	58+00		RT	72+00		RT	1,398	
IL-132	REM-02	72+00		LT	76+27		LT	427	
IL-132	REM-02	72+00		RT	76+27		RT	427	
								TOTAL	6,690

42400800									
DETECTABLE WARNINGS									
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	
IL-132	ADA-01	36+70.89	32'	RT				14.1	
IL-132	ADA-01	37+21.58	36'	RT				11.8	
IL-132	ADA-02	41+25.56	36'	LT				13.1	
IL-132	ADA-02	41+75.51	42'	LT				15.9	
IL-132	ADA-03	50+69.17	33'	LT				14.9	
IL-132	ADA-03	50+98.42	49'	LT				17.3	
IL-132	ADA-03	51+73.97	56'	LT				39.1	
IL-132	ADA-03	50+69.89	37'	RT				42.2	
IL-132	ADA-03	51+67.18	47'	RT				43.9	
IL-132	ADA-04	60+42.04	37'	RT				10.0	
IL-132	ADA-04	61+33.80	37'	RT				10.0	
								TOTAL	233

44000600									
SIDEWALK REMOVAL									
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	
IL-132	REM-01							101.0	
IL-132	REM-01							229.0	
IL-132	REM-01							80.0	
IL-132	REM-01							73.0	
IL-132	REM-01							195.0	
IL-132	REM-01							186.0	
IL-132	REM-01	51+76		LT	58+00		LT	1,931.0	
IL-132	REM-01	51+71		RT	58+00		RT	2,740.0	
IL-132	REM-02	58+00		LT	72+00		LT	3,633.0	
IL-132	REM-02	58+00		RT	72+00		RT	4,506.0	
IL-132	REM-02	72+00		LT	77+64		LT	1,356.0	
								TOTAL	15,030

44000100									
PAVEMENT REMOVAL									
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	SQ FT	SQ YD
IL-132	REM-02	72+00			76+27.28			25,837.0	2,871.0
								TOTAL	2,871.0

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USER NAME = nschilling
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 5/4/2021

DESIGNED - CRD
 DRAWN - BAW
 CHECKED - NJS
 DATE - 3/30/21

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	24
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

55100400							
STORM SEWER REMOVAL 10"							
ALIGNMENT	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	EACH
IL-132	68+78.54	27.36	RT	69+06.17	27'	RT	28
TOTAL							28

60250200				
CATCH BASINS TO BE ADJUSTED				
ALIGNMENT	STA. FROM	OFFSET	LT/RT	EACH
IL-132	38+90.77	21.04	RT	1
IL-132	50+60.00	6.00	LT	1
IL-132	60+55.03	62.62	RT	1
TOTAL				3

55100500							
STORM SEWER REMOVAL 12"							
ALIGNMENT	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	EACH
IL-132	57+90.97	19.83	RT	57+94.77	27.2	RT	8
IL-132	57+94.77	27.2	RT	58+03.95	27.36	RT	9
IL-132	60+12.17	27.36	RT	60+35.27	27.36	RT	23
IL-132	60+89.94	25.28	LT	60+90.03	22.8	RT	48
IL-132	60+90.03	22.8	RT	60+90.84	28.03	RT	5
IL-132	60+90.84	28.03	RT	61+91.89	27.36	RT	102
IL-132	63+65.81	23.43	LT	63+66.32	23.75	RT	47
IL-132	63+66.32	23.75	RT	63+66.45	34.88	RT	11
IL-132	65+12.40	23.45	LT	65+13.19	23.71	RT	47
IL-132	65+13.19	23.71	RT	65+13.46	38.45	RT	15
IL-132	65+43.60	23.49	LT	65+44.47	23.62	RT	47
IL-132	65+44.47	23.62	RT	65+44.82	39.05	RT	15
IL-132	66+91.45	23.53	RT	66+89.90	23.44	LT	47
IL-132	66+89.90	23.44	LT	66+90.08	40.36	LT	17
IL-132	70+85.00	24.19	RT	70+85.00	24.19	LT	48
IL-132	70+85.00	24.19	LT	70+84.98	38	LT	14
IL-132	72+90.01	28.31	LT	72+89.90	53.25	LT	20
IL-132	74+03.99	27.36	LT	73+90.02	30.31	LT	14
IL-132	75+79.67	27.36	LT	75+90.00	32	LT	10
IL-132	75+90.00	32	LT	76+00.27	27.36	LT	10
TOTAL							557

60255500				
MANHOLES TO BE ADJUSTED				
ALIGNMENT	STA. FROM	OFFSET	LT/RT	EACH
IL-132	36+79.71	36.31	RT	1
IL-132	41+40.32	28.94	RT	1
IL-132	41+61.02	22.00	RT	1
IL-132	41+89.61	36.91	LT	1
IL-132	41+90.37	30.93	LT	1
IL-132	45+42.72	31.51	RT	1
IL-132	45+88.09	25.35	RT	1
IL-132	49+35.87	25.12	RT	1
IL-132	49+52.02	30.46	RT	1
IL-132	49+89.11	23.78	RT	1
IL-132	50+59.65	6.65	LT	1
IL-132	51+26.66	53.80	RT	1
IL-132	51+32.74	28.95	RT	1
IL-132	51+32.83	45.14	RT	1
IL-132	51+38.97	68.23	LT	1
IL-132	51+95.60	5.28	RT	1
IL-132	52+39.26	34.10	RT	1
IL-132	54+91.87	17.86	RT	1
IL-132	54+92.74	24.00	RT	1
IL-132	56+70.57	31.99	RT	1
IL-132	57+90.97	19.83	RT	1
IL-132	60+90.84	28.03	RT	1
IL-132	71+57.54	28.75	RT	1
IL-132	75+10.46	32.93	RT	1
TOTAL				24

55100700							
STORM SEWER REMOVAL 15"							
ALIGNMENT	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	EACH
IL-132	73+90.00	57.25	LT	73+90.00	60.25	LT	3
TOTAL							3

60260100				
INLETS TO BE ADJUSTED				
ALIGNMENT	STA. FROM	OFFSET	LT/RT	EACH
IL-132	41+91.56	35.53	RT	1
IL-132	48+00.68	31.65	RT	1
IL-132	50+63.70	33.06	RT	1
TOTAL				3

55100900							
STORM SEWER REMOVAL 18"							
ALIGNMENT	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	EACH
IL-132	61+64.33	58.86	RT	61+90.36	27.36	RT	29
TOTAL							29

60266600				
VALVE BOXES TO BE ADJUSTED				
ALIGNMENT	STA. FROM	OFFSET	LT/RT	EACH
IL-132	51+70.04	39.50	RT	1
IL-132	50+69.30	21.47	RT	1
TOTAL				2

56400400				
FIRE HYDRANTS TO BE RELOCATED				
ALIGNMENT	STA. FROM	OFFSET	LT/RT	EACH
IL-132	57+79.46	46.57	LT	1
IL-132	62+24.28	39.17	LT	1
IL-132	65+97.23	39.16	LT	1
IL-132	73+88.98	39.16	RT	1
TOTAL				4

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	25
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

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USER NAME = nschilling	DESIGNED - CRD	REVISED -
	DRAWN - BAW	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - NJS	REVISED -
PLOT DATE = 5/4/2021	DATE - 3/30/21	REVISED -

60500050				
REMOVING CATCH BASINS				
ALIGNMENT	STA. FROM	OFFSET	LT/RT	EACH
IL-132	70+84.98	38.00	LT	1
IL-132	70+85.00	24.19	LT	1
IL-132	70+85.00	24.19	RT	1
IL-132	71+90.01	26.30	LT	1
IL-132	72+90.01	28.31	LT	1
IL-132	72+90.01	4.30	LT	1
IL-132	72+90.01	4.30	RT	1
IL-132	72+90.08	28.28	RT	1
IL-132	73+90.02	30.31	LT	1
IL-132	75+90.00	32.00	LT	1
TOTAL				10

60500060				
REMOVING INLETS				
ALIGNMENT	STA. FROM	OFFSET	LT/RT	EACH
IL-132	38+89.51	26.35	LT	1
IL-132	42+38.55	30.20	LT	1
IL-132	48+01.77	29.17	LT	1
IL-132	54+90.53	29.42	LT	1
IL-132	54+94.17	31.30	RT	1
IL-132	57+90.94	27.35	LT	1
IL-132	57+94.77	27.20	RT	1
IL-132	60+89.94	25.28	LT	1
IL-132	60+90.03	22.80	RT	1
IL-132	63+65.81	23.43	LT	1
IL-132	63+66.32	23.75	RT	1
IL-132	65+12.40	23.45	LT	1
IL-132	65+13.19	23.71	RT	1
IL-132	65+43.60	23.49	LT	1
IL-132	65+44.47	23.62	RT	1
IL-132	66+89.90	23.44	LT	1
IL-132	66+91.45	23.53	RT	1
IL-132	69+75.45	23.75	LT	1
IL-132	69+75.67	23.20	RT	1
IL-132	71+89.48	26.26	RT	1
IL-132	73+91.52	30.31	RT	1
IL-132	75+91.07	31.96	RT	1
TOTAL				22

60603800								
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12								
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT
IL-132	RD-01	36+57.00	23'	RT	37+37.00	23'	RT	92.0
IL-132	RD-01	36+57.00	23'	LT	46+00.00	30'	LT	928.0
IL-132	RD-02	46+00.00	30'	LT	55+02.00	30'	LT	951.0
IL-132	RD-02	54+96.50			58+00.00			613.0
IL-132	RD-03	58+00.00			60+48.30			504.0
IL-132	RD-03	70+90.00			72+00.00			220.0
IL-132	RD-04	72+00.00			76+27.28			855.0
IL-132	RD-04	80+17.00			83+68.00			709.0
TOTAL								4,872

60605000								
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24								
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT
IL-132	RD-02	55+02.00	30'	LT	58+00.00	30'	LT	298.0
IL-132	RD-02	51+51.34	89'	RT	58+00.00	30'	RT	685.0
IL-132	RD-03	58+00.00	30'	LT	60+89.00	30'	LT	289.0
IL-132	RD-03	70+87.00	32'	LT	72+00.00	32'	LT	113.0
IL-132	RD-03	58+00.00	30'	RT	60+60.07	69'	RT	285.0
IL-132	RD-03	61+15.73	27'	RT	61+51.09	30'	RT	61.0
IL-132	RD-03	70+87.00	27'	RT	72+00.00	27'	RT	113.0
IL-132	RD-04	72+00.00	32'	LT	76+27.28	32'	LT	427.0
IL-132	RD-04	72+00.00	27'	RT	76+27.28	32'	RT	427.0
TOTAL								2,698

X0322936				
REMOVE EXISTING FLARED END SECTION				
ALIGNMENT	STA. FROM	OFFSET	LT/RT	EACH
IL-132	52+28.45	45.64	LT	1
IL-132	52+37.40	38.79	LT	1
IL-132	71+90.00	47.25	LT	1
IL-132	72+89.90	53.25	LT	1
IL-132	73+90.00	60.25	LT	1
TOTAL				5

X6024503				
INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)				
ALIGNMENT	STA. FROM	OFFSET	LT/RT	EACH
IL-132	50+64.48	29.9622	LT	1
IL-132	51+08.50	64.31	LT	1
IL-132	51+58.79	78.78	LT	1
IL-132	51+89.85	38.8	LT	1
IL-132	52+37.47	30.14	LT	1
IL-132	52+44.16	30.44	RT	1
TOTAL				6

Z0018500				
DRAINAGE STRUCTURES TO BE CLEANED				
ALIGNMENT	STA. FROM	OFFSET	LT/RT	EACH
IL-132	36+92.55	29.51	LT	1
IL-132	38+88.03	32.68	LT	1
IL-132	38+90.77	21.0379	RT	1
IL-132	41+89.61	36.91	LT	1
IL-132	41+90.37	30.9271	LT	1
IL-132	41+91.56	35.5256	RT	1
IL-132	42+38.75	42.15	LT	1
IL-132	48+00.68	31.6472	RT	1
IL-132	50+64.48	29.9622	LT	1
IL-132	50+63.70	33.06	RT	1
IL-132	51+08.50	64.31	LT	1
IL-132	51+08.50	64.31	LT	1
IL-132	51+89.85	38.8	LT	1
IL-132	52+37.47	30.14	LT	1
IL-132	52+39.26	34.1	RT	1
IL-132	52+44.16	30.44	RT	1
IL-132	52+44.16	30.44	RT	1
IL-132	54+92.74	24	RT	1
IL-132	57+90.97	19.83	RT	1
TOTAL				19

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USER NAME = nschilling
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 5/4/2021

DESIGNED - CRD
 DRAWN - BAW
 CHECKED - NJS
 DATE - 3/30/21

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

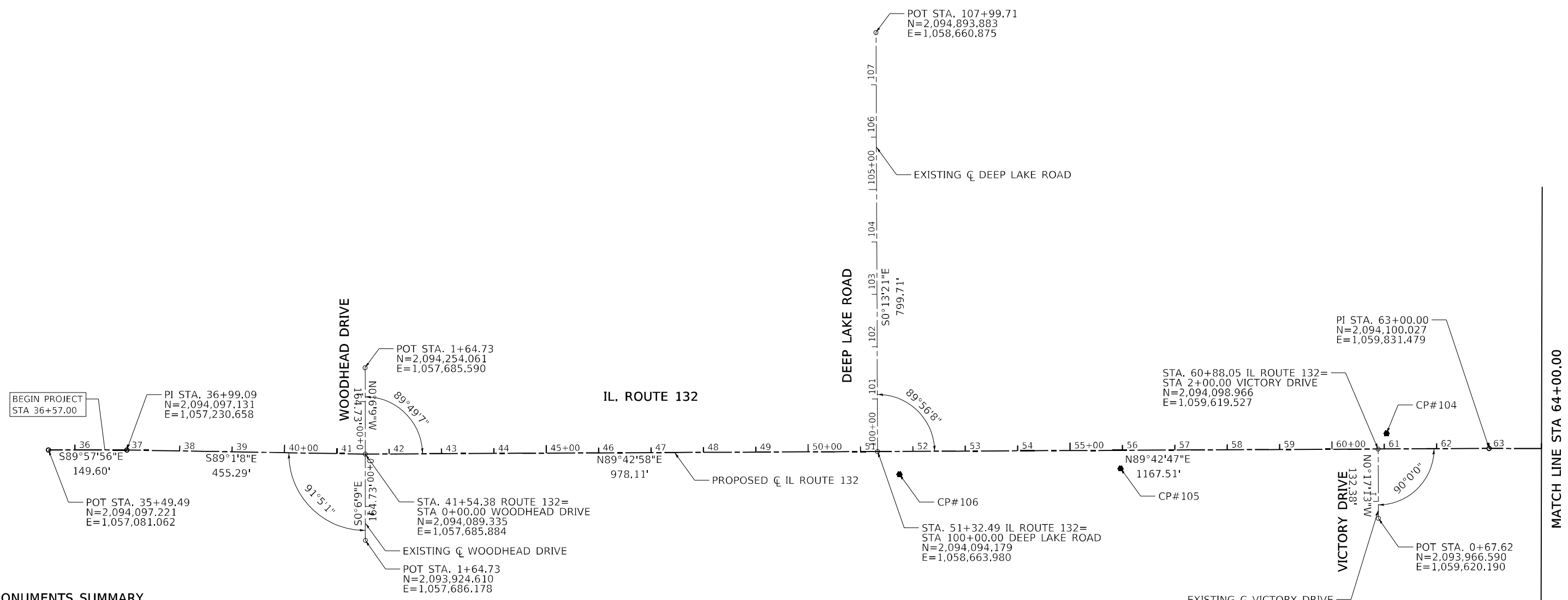
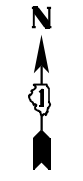
SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	26
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

NOTES:

1. SHOULD BENCHMARKS, MONUMENTS OR CONTROL POINTS BE DESTROYED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR RE-ESTABLISHMENT, WHICH SHALL BE INCLUDED IN THE LUMP SUM CONTRACT COST FOR CONSTRUCTION LAYOUT.
2. ALL ELEVATIONS ARE NAVD88 DATUM.



MONUMENTS SUMMARY

CP#101	SET MAG NAIL AT BIT, WALK AT SOUTH SIDE OF GRAND AVENUE, +/- 13' WEST OF EAST LINE OF MUNN ROAD STA.= 78+37, 32.55' RT ELEV= 798.16	CP#104	5/8" REBAR WITH YELLOW CAP AT EDGE OF BIT, WALK AT NORTH SIDE OF GRAND AVENUE, +/- 12' EAST OF VICTORY DRIVE STA.= 61+04, 30.07' LT ELEV= 782.02
CP#102	SET MAG NAIL AT BIT, WALK AT NORTH SIDE OF GRAND AVENUE, +/- 500' WEST OF MUNN ROAD STA.= 73+26, 30.82' LT ELEV= 781.60	CP#105	SET MAG NAIL AT BIT, WALK AT SOUTH SIDE OF GRAND AVENUE, +/- 500' WEST OF VICTORY DRIVE STA.= 55+96, 34.61' RT ELEV= 805.58
CP#103	5/8" REBAR WITH YELLOW CAP AT GRAVEL PATH EDGE AT NORTH SIDE OF GRAND AVENUE, +/- 720' EAST OF VICTORY DRIVE STA.= 68+07, 28.21' LT ELEV= 775.08	CP#106	CUT "X" AT WALK AT SOUTH EAST CORNER OF GRAND AVENUE AND DEEP LAKE ROAD STA.= 51+74, 43.69' RT ELEV= 812.06

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 DATE: 3/30/21
 SCALE: 1" = 100'
 SHEET: 1 OF 4
 CONTRACT NO. 62DB6

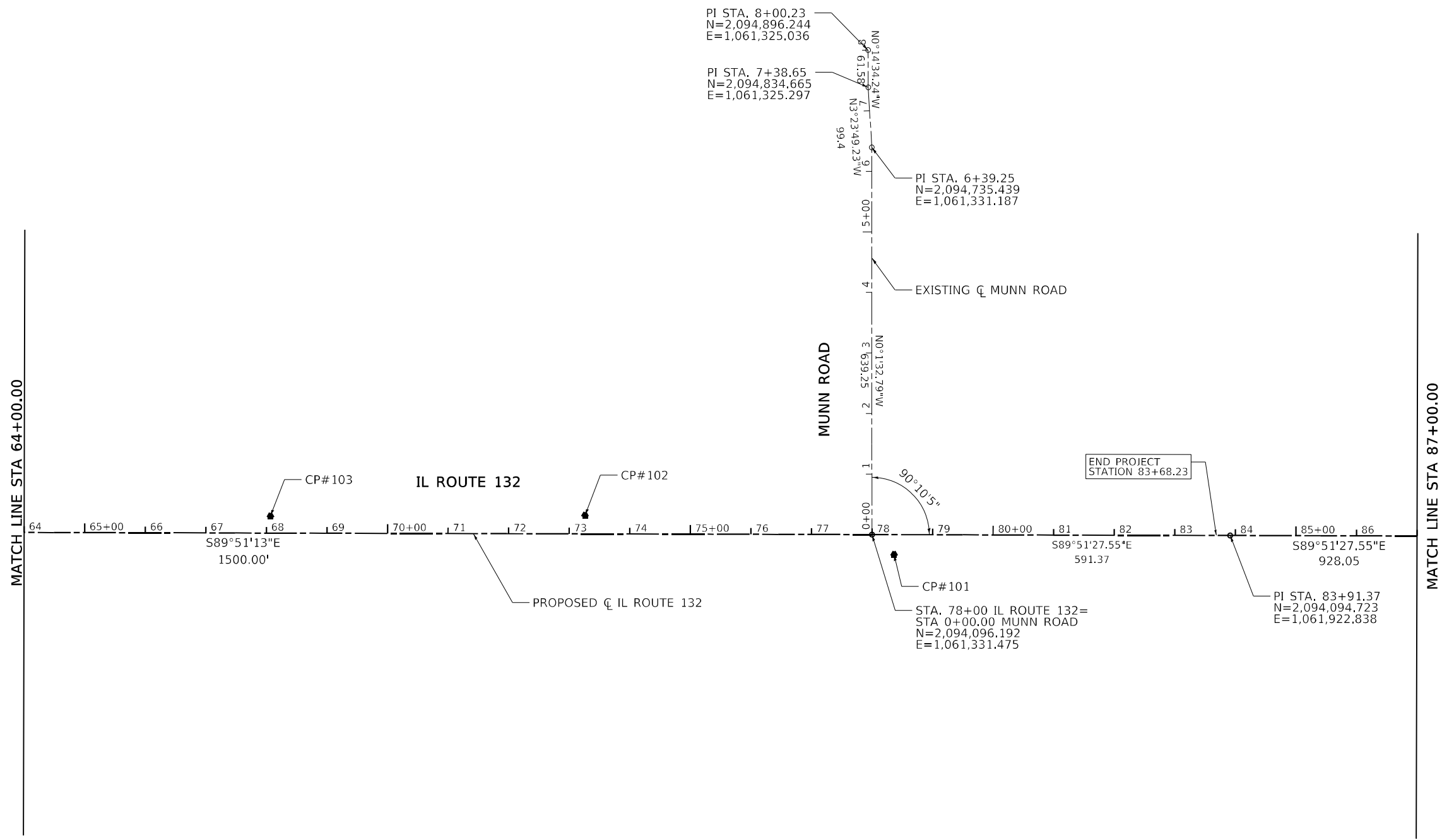


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PLOT SCALE = 200,0000' / in.	DRAWN - VC	REVISED -
PLOT DATE = 5/2/2021	CHECKED - ACN	REVISED -
	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, CURVE DATA AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 1	OF 4 SHEETS	STA. 36+57 TO STA. 64+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	27
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



PI STA. 8+00.23
N=2,094,896.244
E=1,061,325.036

PI STA. 7+38.65
N=2,094,834.665
E=1,061,325.297

PI STA. 6+39.25
N=2,094,735.439
E=1,061,331.187

END PROJECT
STATION 83+68.23

CP#101
STA. 78+00 IL ROUTE 132=
STA 0+00.00 MUNN ROAD
N=2,094,096.192
E=1,061,331.475

PI STA. 83+91.37
N=2,094,094.723
E=1,061,922.838

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USER NAME = nschilling	DESIGNED - VC	REVISED -
	DRAWN - VC	REVISED -
PLOT SCALE = 200.00' / in.	CHECKED - ACN	REVISED -
PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

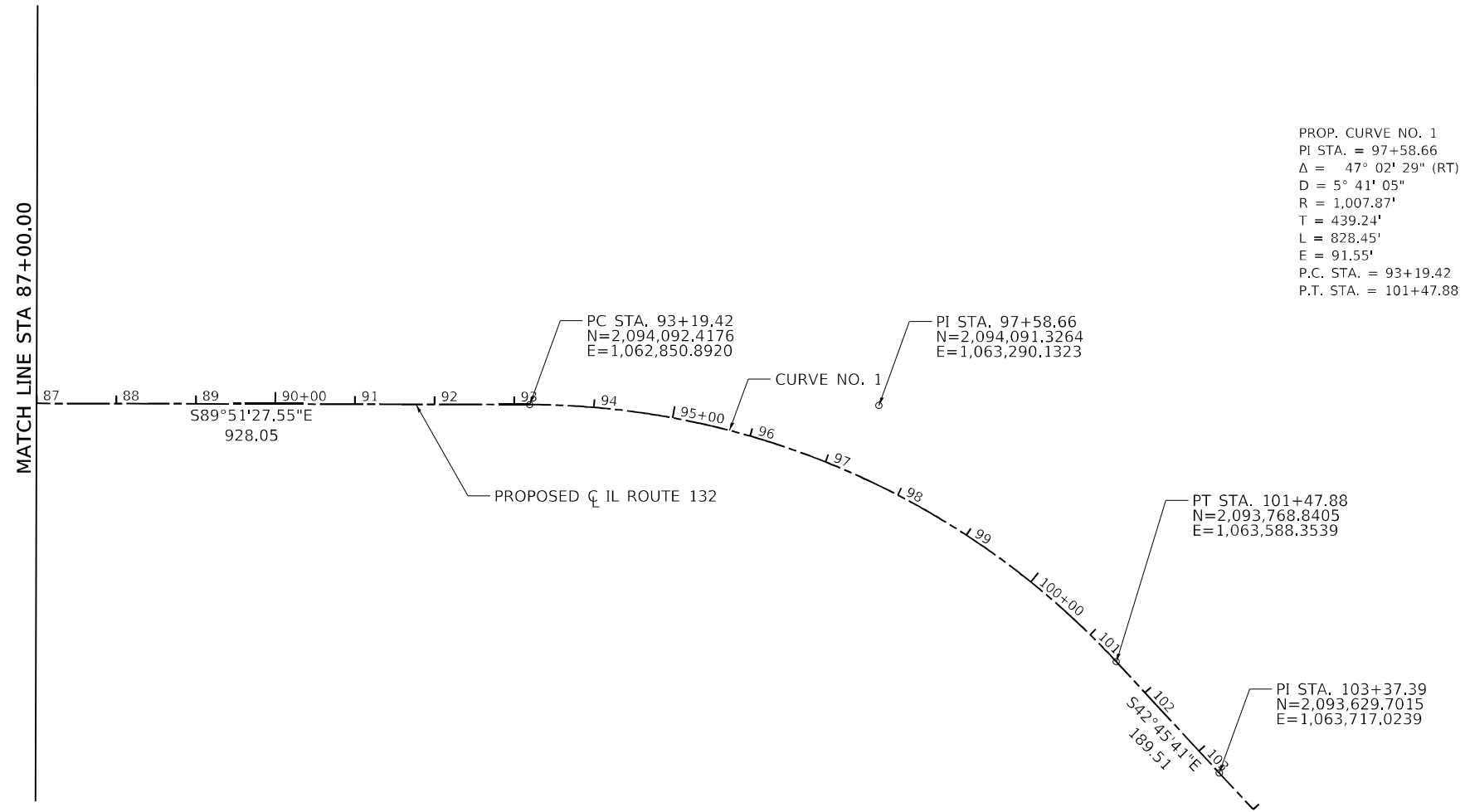
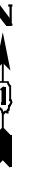
ALIGNMENT, CURVE DATA AND BENCHMARKS

SCALE: 1" = 100' SHEET 2 OF 4 SHEETS STA. 64+00 TO STA. 87+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	28
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				

NOTES:

1. ALIGNMENT INFORMATION ON THIS SHEET IS FROM PROJECT P-91-337-10 AND SHOWN FOR INFORMATION ONLY.



PROP. CURVE NO. 1
 PI STA. = 97+58.66
 $\Delta = 47^\circ 02' 29''$ (RT)
 D = $5^\circ 41' 05''$
 R = 1,007.87'
 T = 439.24'
 L = 828.45'
 E = 91.55'
 P.C. STA. = 93+19.42
 P.T. STA. = 101+47.88

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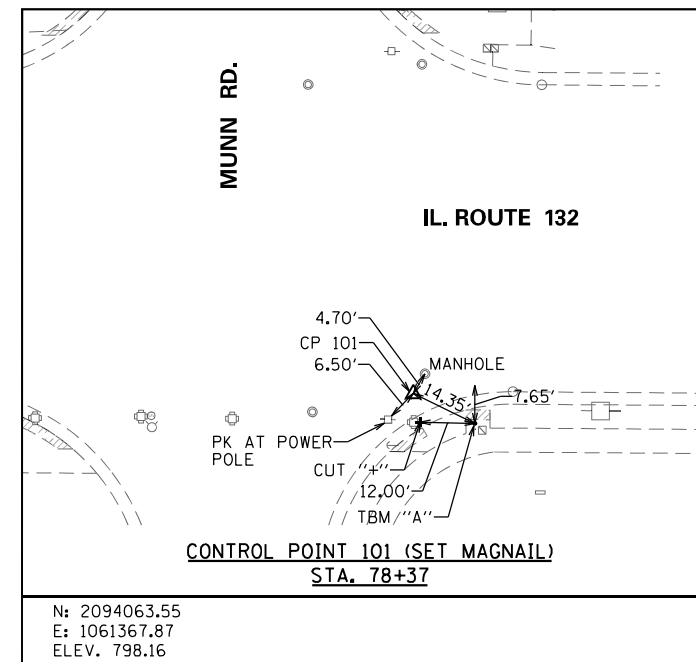
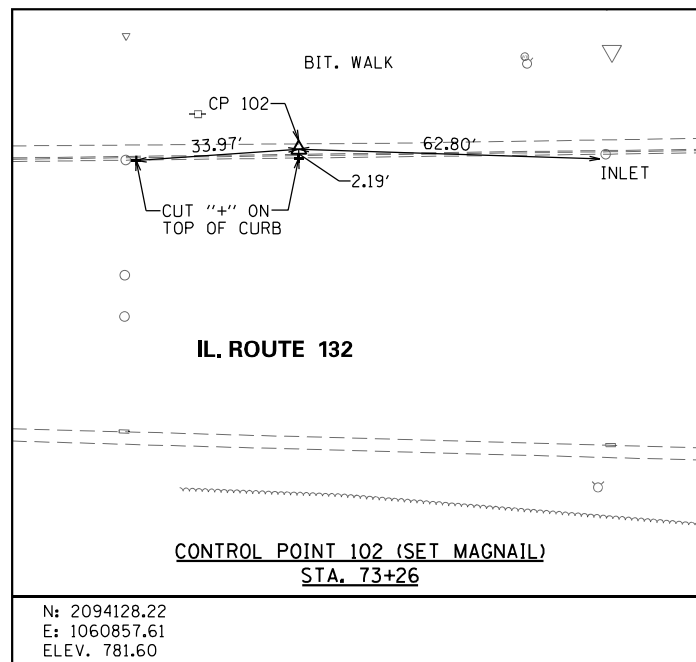
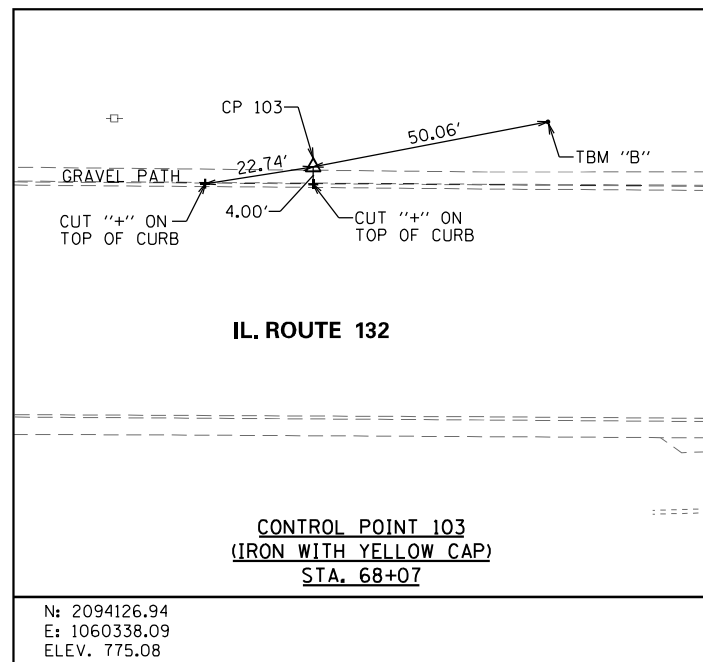
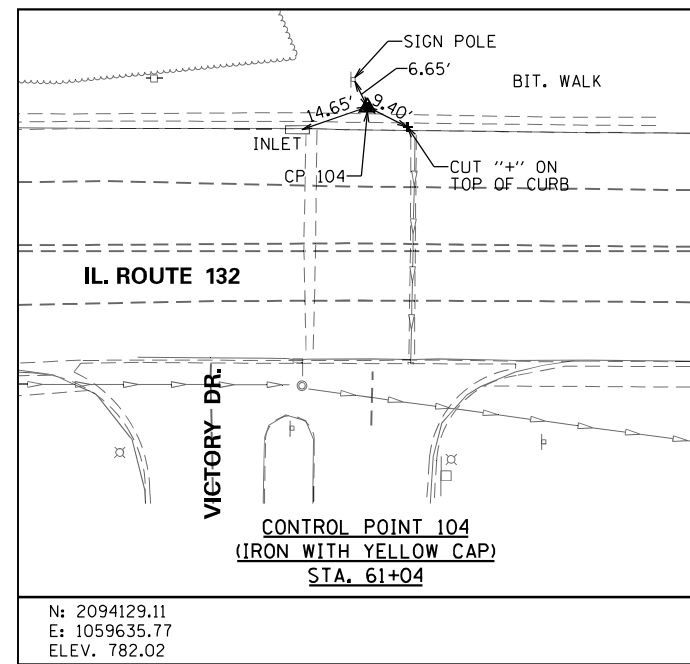
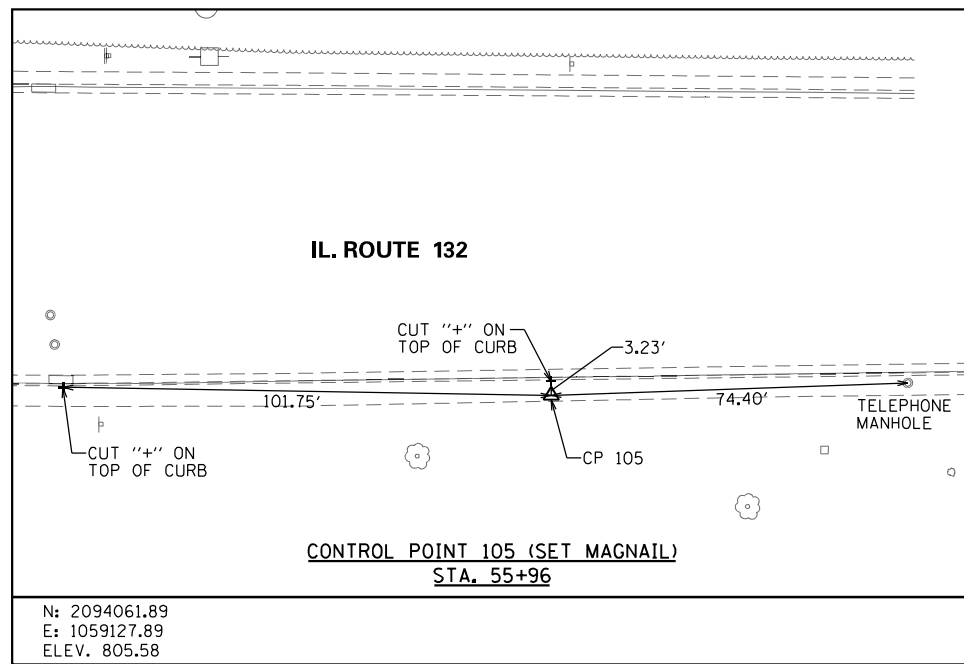
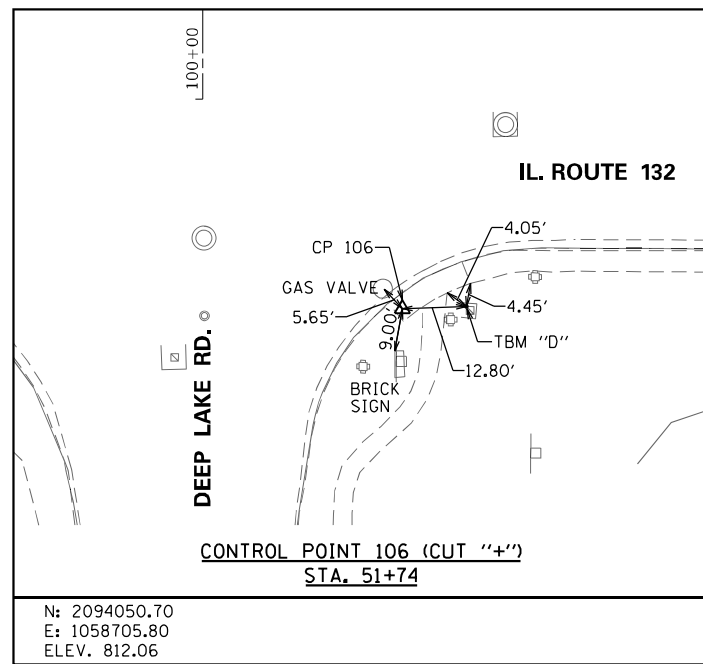
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	DRAWN - VC	REVISED -
PLOT SCALE = 200,0000' / in.	CHECKED - ACN	REVISED -
PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, CURVE DATA AND BENCHMARKS

SCALE: 1" = 100' SHEET 3 OF 4 SHEETS STA. 87+00 TO STA. 104+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	29
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				



STATE PLANE GRID CONTROL NAD83 (2011):				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
101	2094063.55	1061367.87	798.16	MAG NAIL
102	2094128.22	1060857.61	781.60	MAG NAIL
103	2094126.94	1060338.09	775.08	5/8" REBAR W/ YELLOW CAP
104	2094129.11	1059635.77	782.02	5/8" REBAR W/ YELLOW CAP
105	2094061.89	1059127.89	805.58	MAG NAIL
106	2094050.70	1058705.80	812.06	CUT "+

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 DRAWN - VC
 CHECKED - ACN
 DATE - 3/30/21

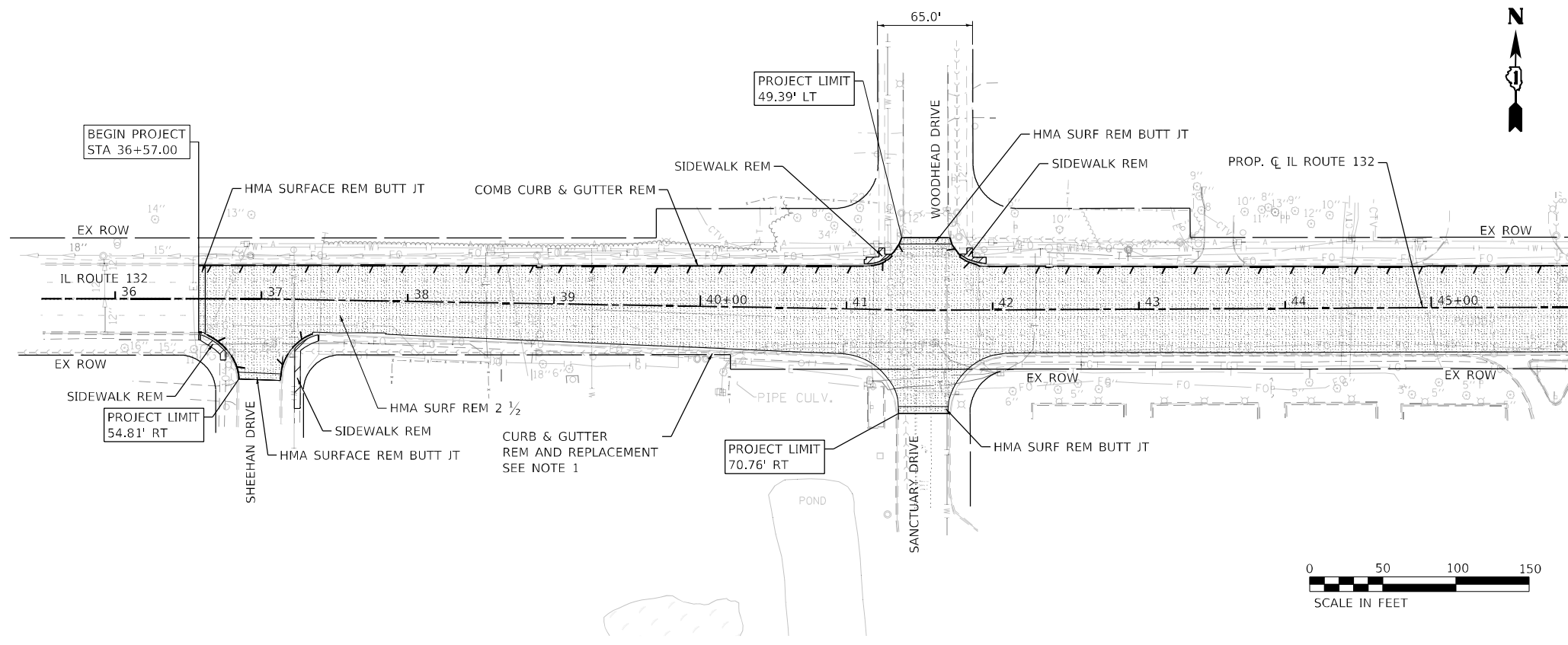
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONTROL POINTS AND TIES

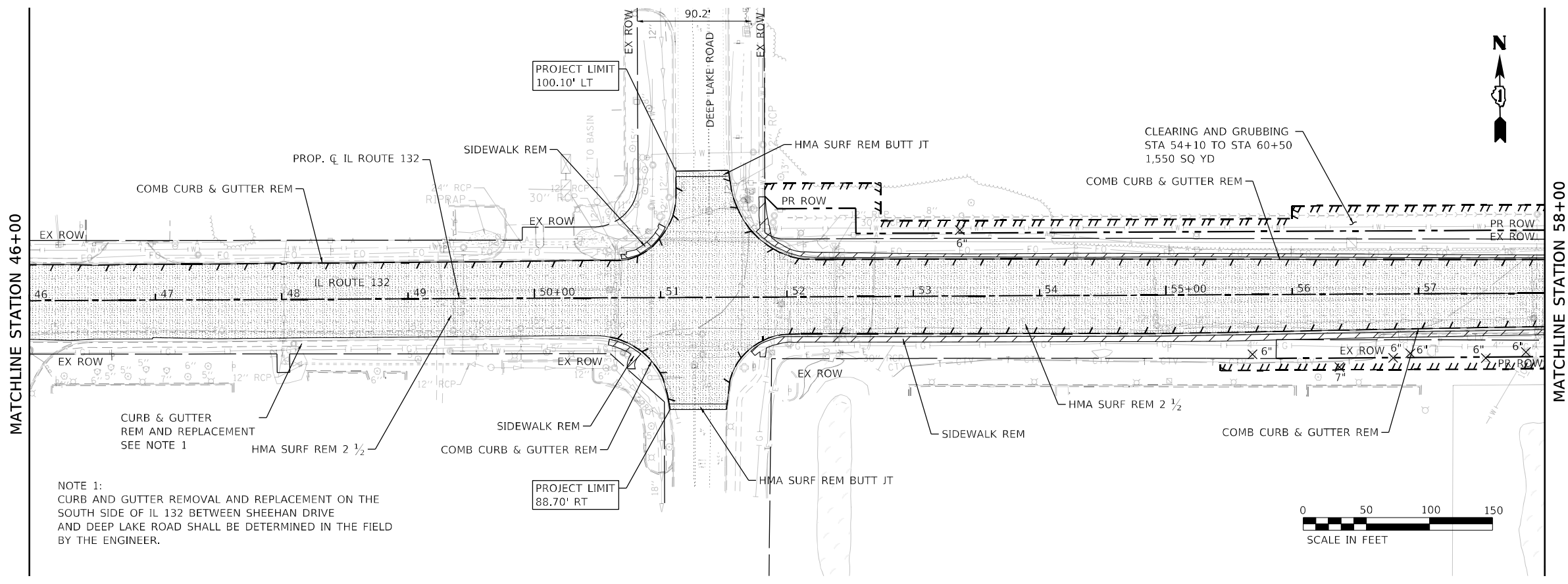
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	30
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				



LEGEND

	HMA SURFACE REMOVAL, 2 1/2"
	PAVEMENT REMOVAL
	APPROACH SLAB OR REMOVAL OF EXISTING STRUCTURES (BRIDGE)
	SIDEWALK, MEDIAN OR DRIVEWAY REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	FENCE REMOVAL
	TREE REMOVAL (UNDER 6 INCH DIAMETER SAWED FLUSH)



NOTE 1:
CURB AND GUTTER REMOVAL AND REPLACEMENT ON THE SOUTH SIDE OF IL 132 BETWEEN SHEEHAN DRIVE AND DEEP LAKE ROAD SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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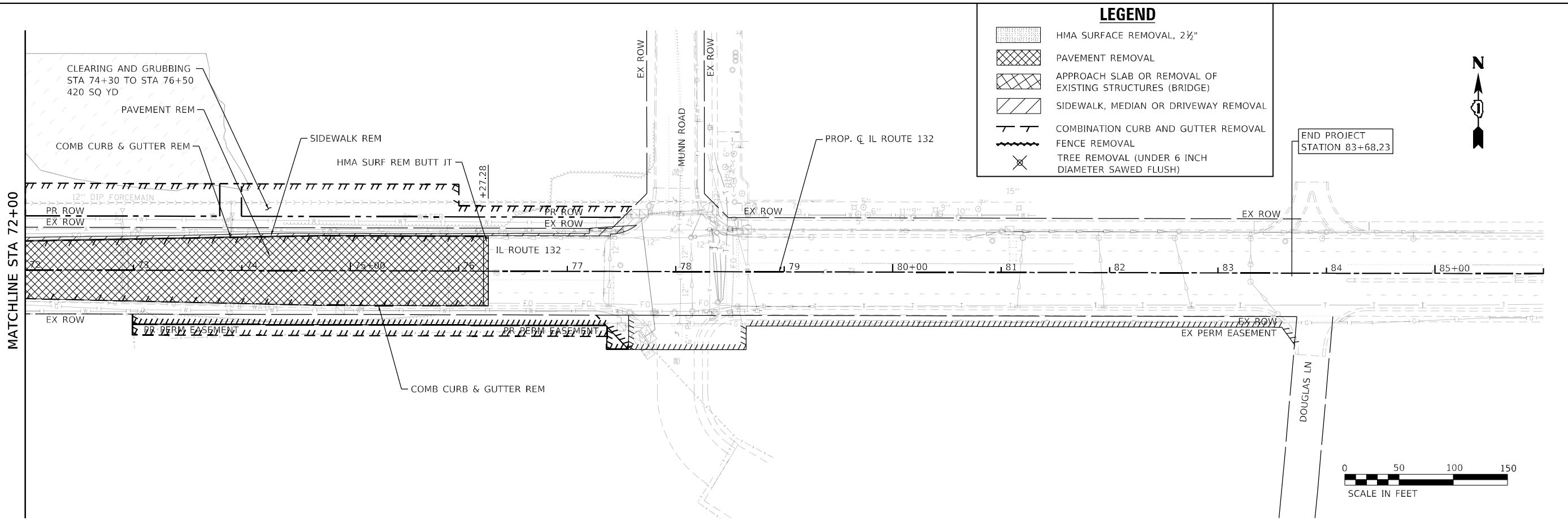
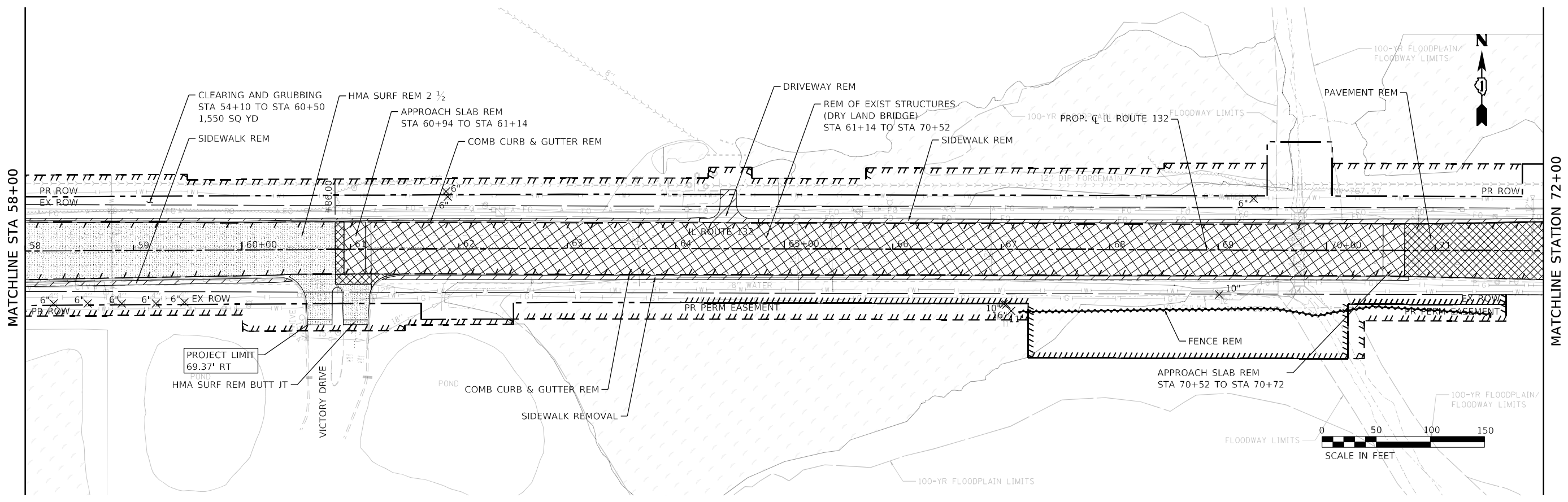


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	DRAWN - JAC	REVISED -
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PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 132 GRAND AVENUE REMOVAL PLAN			
SCALE: 1" = 50'	SHEET 1	OF 2 SHEETS	STA. 36+57.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	31
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



LEGEND

-  HMA SURFACE REMOVAL, 2 1/2"
-  PAVEMENT REMOVAL
-  APPROACH SLAB OR REMOVAL OF EXISTING STRUCTURES (BRIDGE)
-  SIDEWALK, MEDIAN OR DRIVEWAY REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  FENCE REMOVAL
-  TREE REMOVAL (UNDER 6 INCH DIAMETER SAWED FLUSH)

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 CHECKED: NJS
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 PLOT SCALE: 100,0000' / in.
 PLOT DATE: 5/2/2021



USER NAME = nschilling	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
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PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

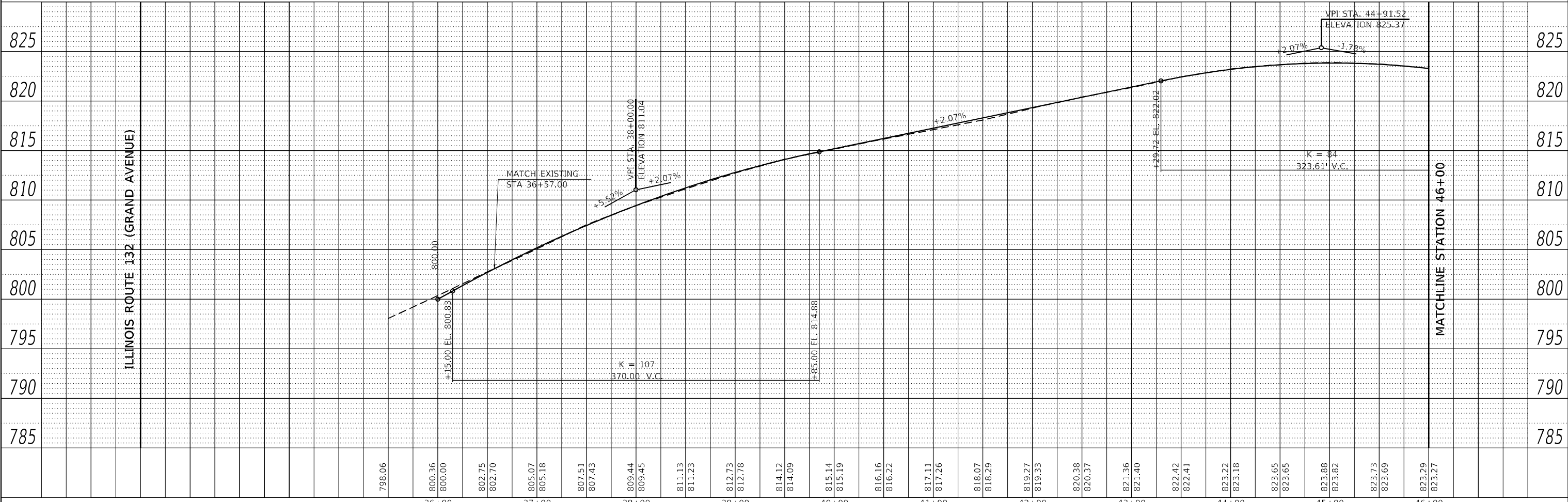
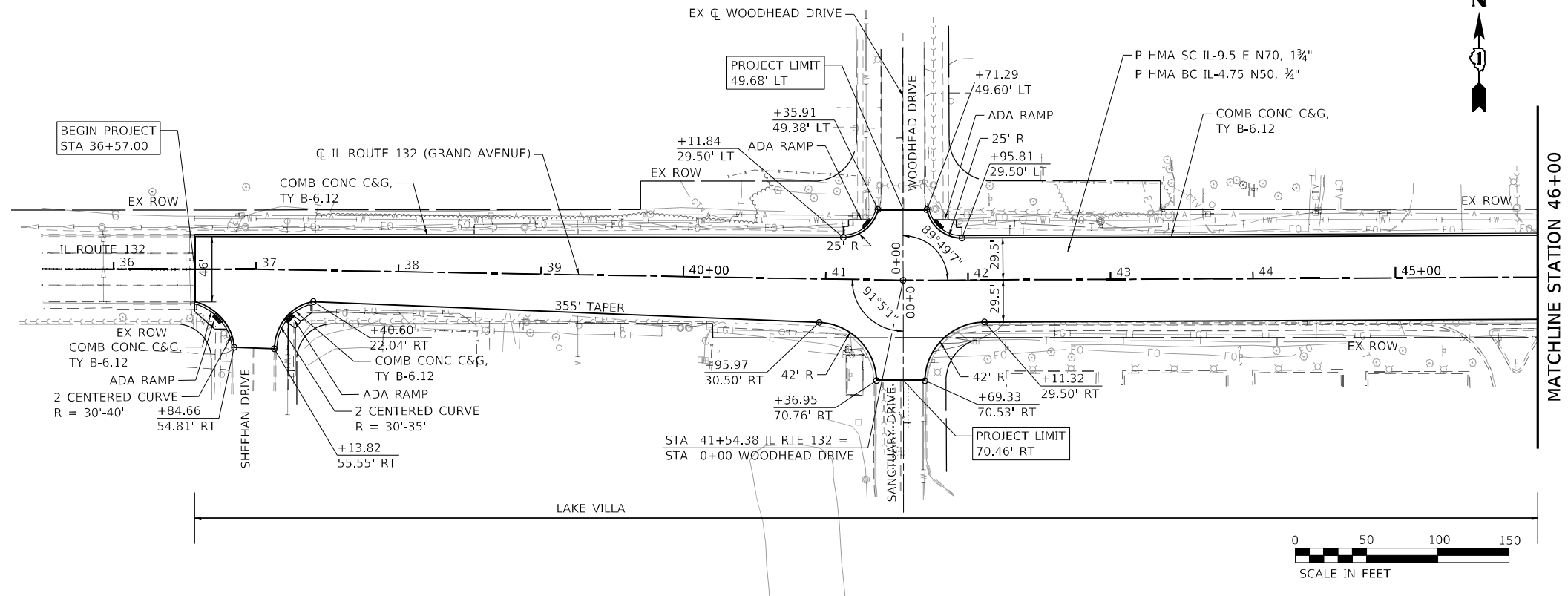
ILLINOIS ROUTE 132 GRAND AVENUE REMOVAL PLAN			
SCALE: 1" = 50'	SHEET 2	OF 2 SHEETS	STA. 58+00.00 TO STA. 76+27.28

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 32
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				

PLAN	
DESIGNED BY	DATE
CHECKED BY	
PLOTTED BY	
DATE PLOTTED	
NOTE BOOK NO.	
CADD FILE NAME	

PROFILE	
DESIGNED BY	DATE
CHECKED BY	
PLOTTED BY	
DATE PLOTTED	
NOTE BOOK NO.	
CADD FILE NAME	

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 DATE: 5/2/2021



USER NAME = nschilling
 DESIGNED - JAC
 DRAWN - PAK
 CHECKED - JAC
 DATE - 3/30/21

REVISED -
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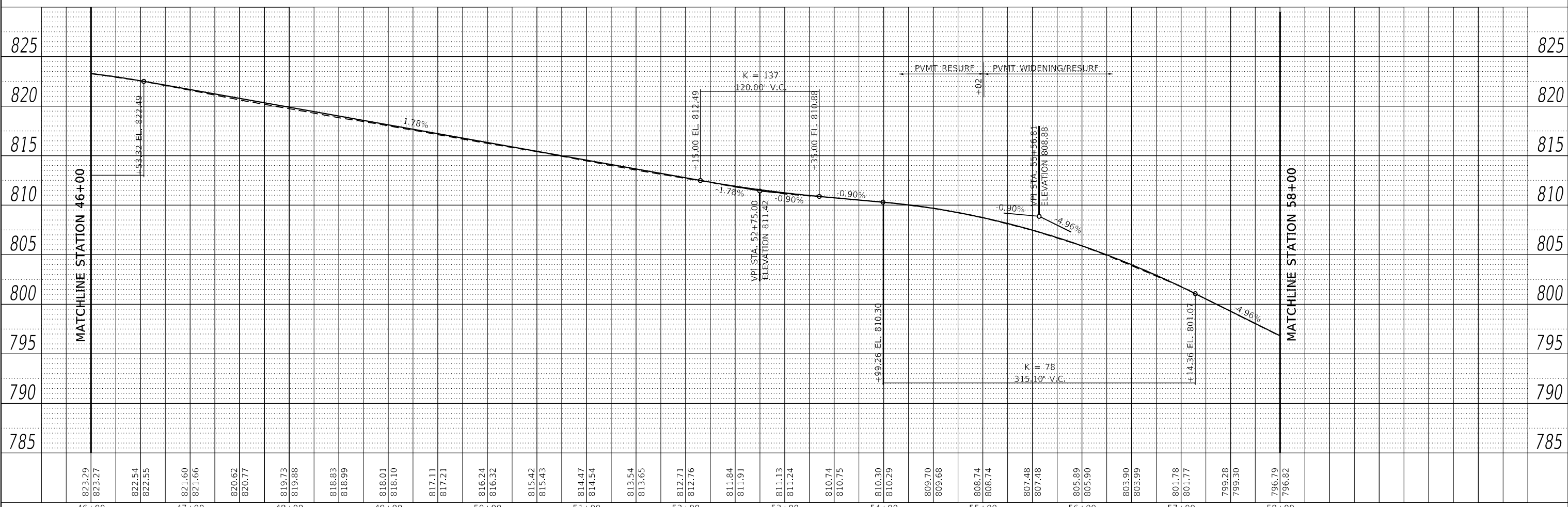
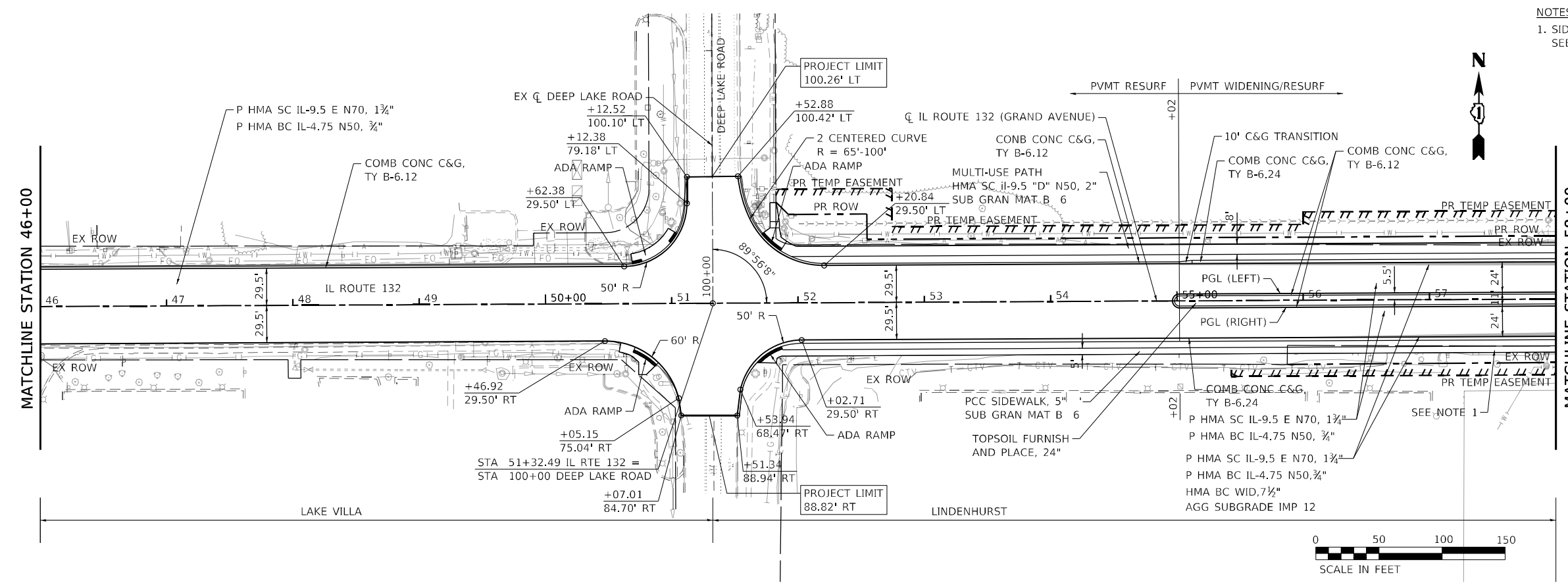
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 GRAND AVENUE
PROPOSED ROADWAY PLAN AND PROFILE**

SCALE: 1" = 50'
 SHEET 1 OF 4 SHEETS
 STA. 36+00 TO STA. 46+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	33
CONTRACT NO. 62D86			ILLINOIS FED. AID PROJECT	

NOTES:
 1. SIDEWALK SLOPE TRANSITION STA 57+62.00 TO STA 59+90.00.
 SEE TYPICAL SECTIONS DETAIL C.



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	DATE	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
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	CHECKED	
	BY	
	DATE	
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USER NAME = nschilling	DESIGNED - JAC	REVISED -
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PLOT DATE = 5/2/2021	CHECKED - JAC	REVISED -
	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 132 GRAND AVENUE	
PROPOSED ROADWAY PLAN AND PROFILE	
SCALE: 1" = 50'	STA. 46+00.00 TO STA. 58+00.00

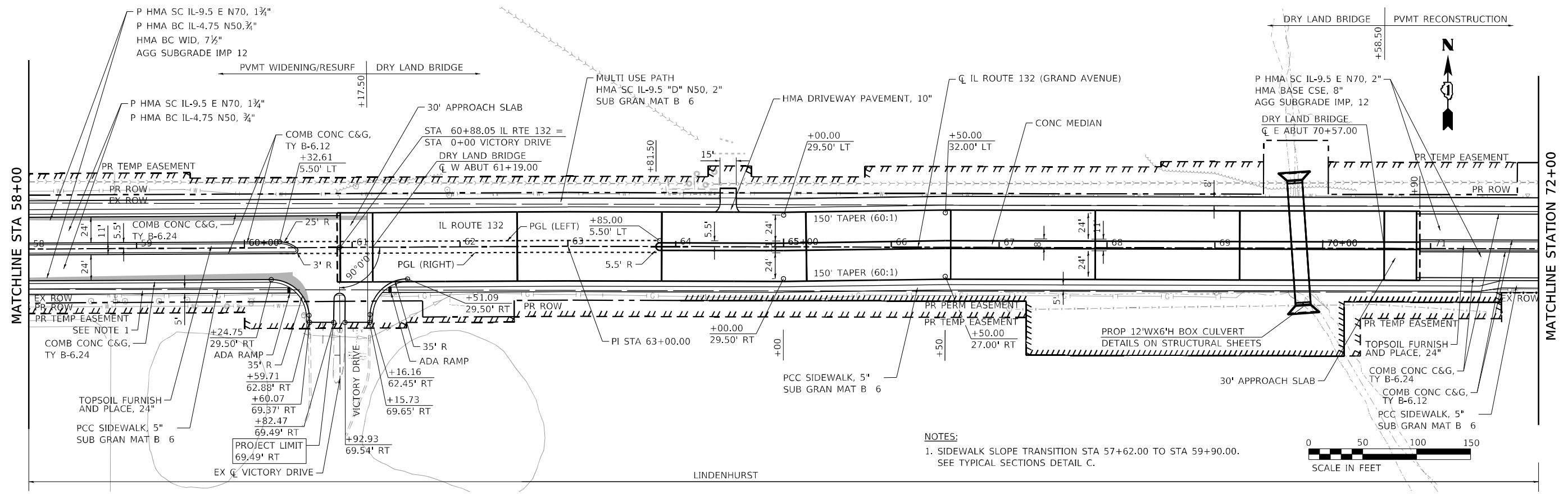
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	34
CONTRACT NO. 62D86				

ILLINOIS FED. AID PROJECT

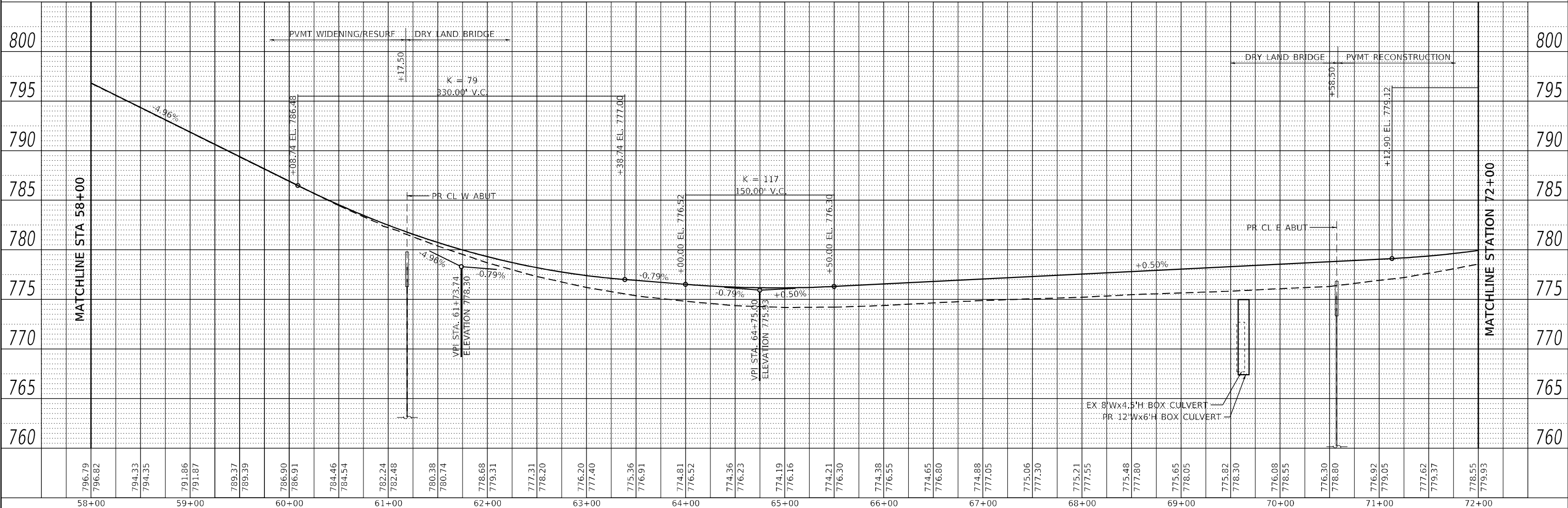
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	PLOTTED	
	ALIGNED	
	CHECKED	
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PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTARIS	
	NO.	

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 USER: nscilling



NOTES:
 1. SIDEWALK SLOPE TRANSITION STA 57+62.00 TO STA 59+90.00. SEE TYPICAL SECTIONS DETAIL C.



USER NAME	= nscilling	DESIGNED	- JAC	REVISED	-
PLOT SCALE	= 100,0000' / in.	DRAWN	- PAK	REVISED	-
PLOT DATE	= 5/2/2021	CHECKED	- JAC	REVISED	-
		DATE	- 3/30/21	REVISED	-

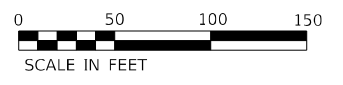
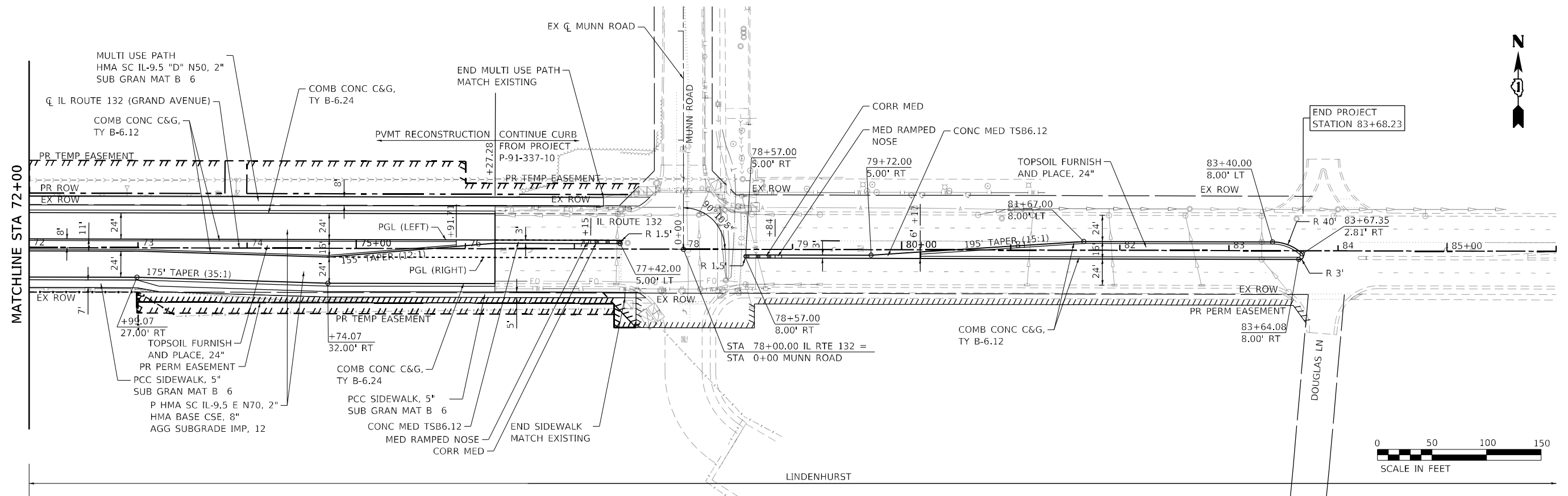
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 GRAND AVENUE
 PROPOSED ROADWAY PLAN AND PROFILE**

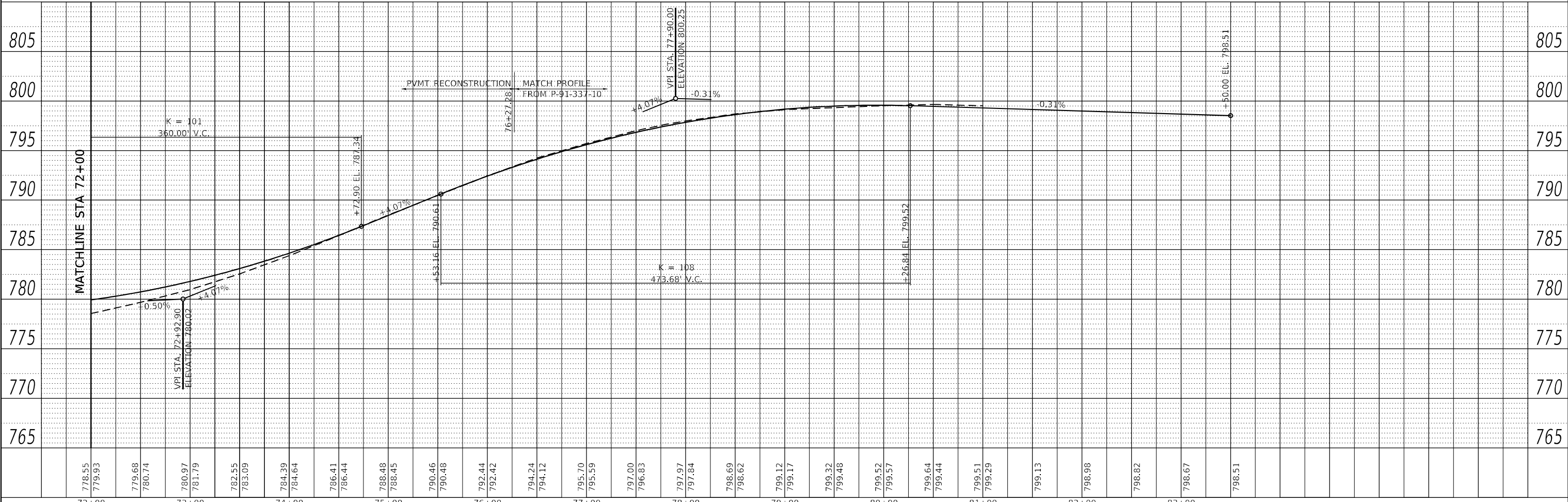
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541	A-WGRS-2	LAKE	205	35
CONTRACT NO. 62886				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. 58+00 TO STA. 72+00

PLAN	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	ALIGNED CHECKED GRADE CHECKED STRUCTURE NOTATIONS CHECKED	DATE
CADD FILE NAME		



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



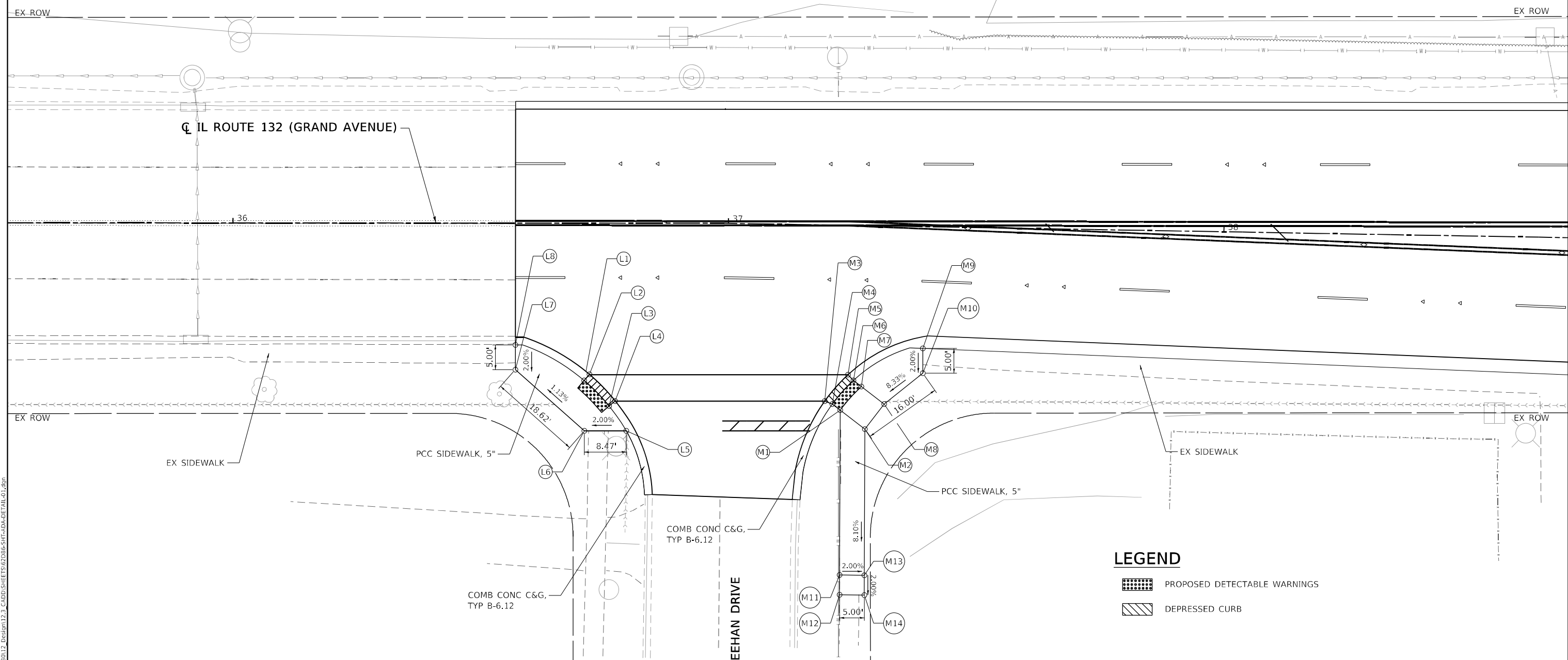
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	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 GRAND AVENUE
PROPOSED ROADWAY PLAN AND PROFILE**

SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. 72+00 TO STA. 83+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	36
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				

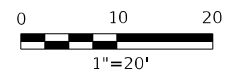


	STATION	OFFSET	LT/RT	ELEVATION
L1	36+70.89	31.78	RT	803.13
L2	36+71.95	30.52	RT	803.10
L3	36+75.93	36.94	RT	803.23
L4	36+77.14	36.92	RT	803.20
L5	36+79.40	41.93	RT	803.21
L6	36+70.93	41.93	RT	803.04
L7	36+57.00	29.58	RT	802.83
L8	36+57.00	24.58	RT	802.93

	STATION	OFFSET	LT/RT	ELEVATION
M1	37+23.18	37.33	RT	805.25
M2	37+28.23	41.07	RT	805.37
M3	37+20.03	35.56	RT	805.10
M4	37+21.57	36.13	RT	805.21
M5	37+24.64	31.16	RT	805.28
M6	37+25.74	31.30	RT	805.34
M7	37+27.37	32.51	RT	805.38
M8	37+32.01	35.95	RT	805.50
M9	37+39.63	24.60	RT	806.41
M10	37+39.72	29.60	RT	806.31
M11	37+23.64	70.61	RT	803.17
M12	37+23.71	74.61	RT	803.07
M13	37+28.71	74.57	RT	803.07
M14	37+28.64	70.57	RT	802.97

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB



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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 GRAND AVENUE
ADA PLAN AND DETAILS**

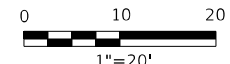
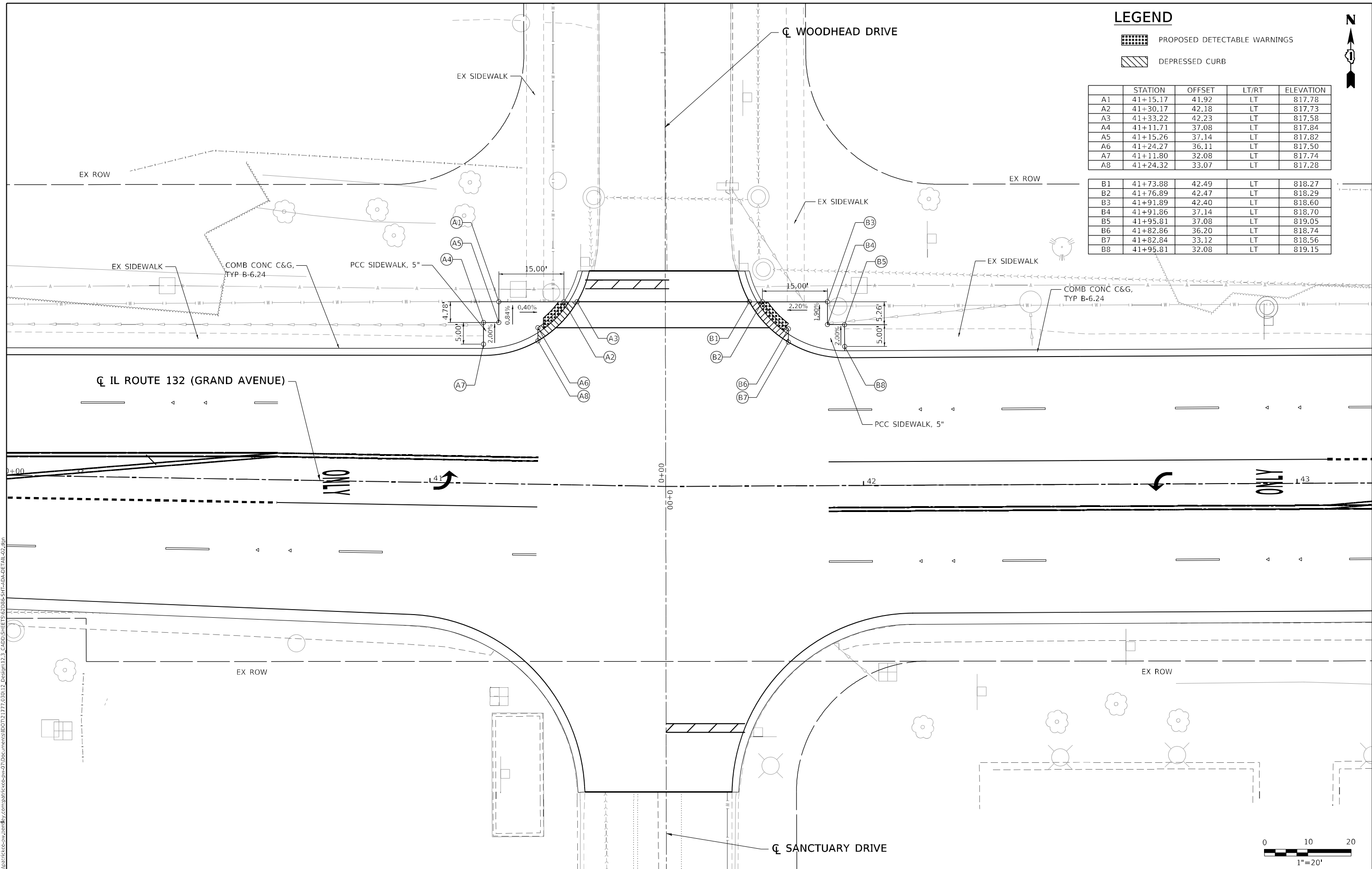
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F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 37
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

LEGEND

-  PROPOSED DETECTABLE WARNINGS
-  DEPRESSED CURB

	STATION	OFFSET	LT/RT	ELEVATION
A1	41+15.17	41.92	LT	817.78
A2	41+30.17	42.18	LT	817.73
A3	41+33.22	42.23	LT	817.58
A4	41+11.71	37.08	LT	817.84
A5	41+15.26	37.14	LT	817.82
A6	41+24.27	36.11	LT	817.50
A7	41+11.80	32.08	LT	817.74
A8	41+24.32	33.07	LT	817.28
B1	41+73.88	42.49	LT	818.27
B2	41+76.89	42.47	LT	818.29
B3	41+91.89	42.40	LT	818.60
B4	41+91.86	37.14	LT	818.70
B5	41+95.81	37.08	LT	819.05
B6	41+82.86	36.20	LT	818.74
B7	41+82.84	33.12	LT	818.56
B8	41+95.81	32.08	LT	819.15



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PLOT DATE = 5/3/2021	DATE - 3/30/21	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 GRAND AVENUE
ADA PLAN AND DETAILS**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

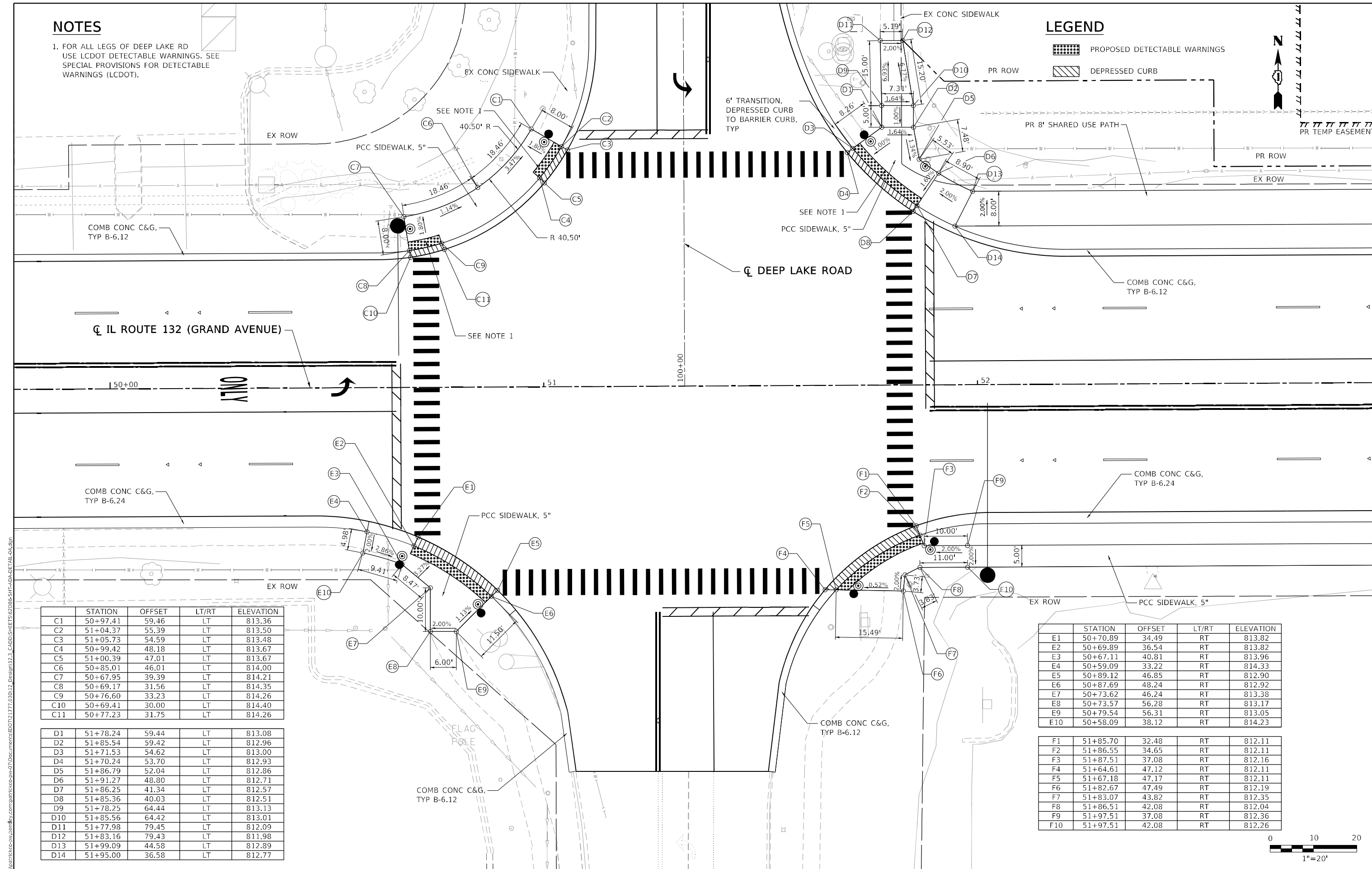
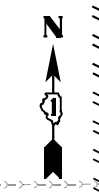
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	38
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

NOTES

1. FOR ALL LEGS OF DEEP LAKE RD USE LCDOT DETECTABLE WARNINGS. SEE SPECIAL PROVISIONS FOR DETECTABLE WARNINGS (LCDOT).

LEGEND

PROPOSED DETECTABLE WARNINGS
 DEPRESSED CURB

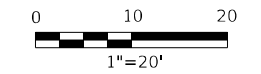


	STATION	OFFSET	LT/RT	ELEVATION
C1	50+97.41	59.46	LT	813.36
C2	51+04.37	55.39	LT	813.50
C3	51+05.73	54.59	LT	813.48
C4	50+99.42	48.18	LT	813.67
C5	51+00.39	47.01	LT	813.67
C6	50+85.01	46.01	LT	814.00
C7	50+67.95	39.39	LT	814.21
C8	50+69.17	31.56	LT	814.35
C9	50+76.60	33.23	LT	814.26
C10	50+69.41	30.00	LT	814.40
C11	50+77.23	31.75	LT	814.26

D1	51+78.24	59.44	LT	813.08
D2	51+85.54	59.42	LT	812.96
D3	51+71.53	54.62	LT	813.00
D4	51+70.24	53.70	LT	812.93
D5	51+86.79	52.04	LT	812.86
D6	51+91.27	48.80	LT	812.71
D7	51+86.25	41.34	LT	812.57
D8	51+85.36	40.03	LT	812.51
D9	51+78.25	64.44	LT	813.13
D10	51+85.56	64.42	LT	813.01
D11	51+77.98	79.45	LT	812.09
D12	51+83.16	79.43	LT	811.98
D13	51+99.09	44.58	LT	812.89
D14	51+95.00	36.58	LT	812.77

	STATION	OFFSET	LT/RT	ELEVATION
E1	50+70.89	34.49	RT	813.82
E2	50+69.89	36.54	RT	813.82
E3	50+67.11	40.81	RT	813.96
E4	50+59.09	33.22	RT	814.33
E5	50+89.12	46.85	RT	812.90
E6	50+87.69	48.24	RT	812.92
E7	50+73.62	46.24	RT	813.38
E8	50+73.57	56.28	RT	813.17
E9	50+79.54	56.31	RT	813.05
E10	50+58.09	38.12	RT	814.23

F1	51+85.70	32.48	RT	812.11
F2	51+86.55	34.65	RT	812.11
F3	51+87.51	37.08	RT	812.16
F4	51+64.61	47.12	RT	812.11
F5	51+67.18	47.17	RT	812.11
F6	51+82.67	47.49	RT	812.19
F7	51+83.07	43.82	RT	812.35
F8	51+86.51	42.08	RT	812.04
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F10	51+97.51	42.08	RT	812.26



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 DATE: 5/30/21



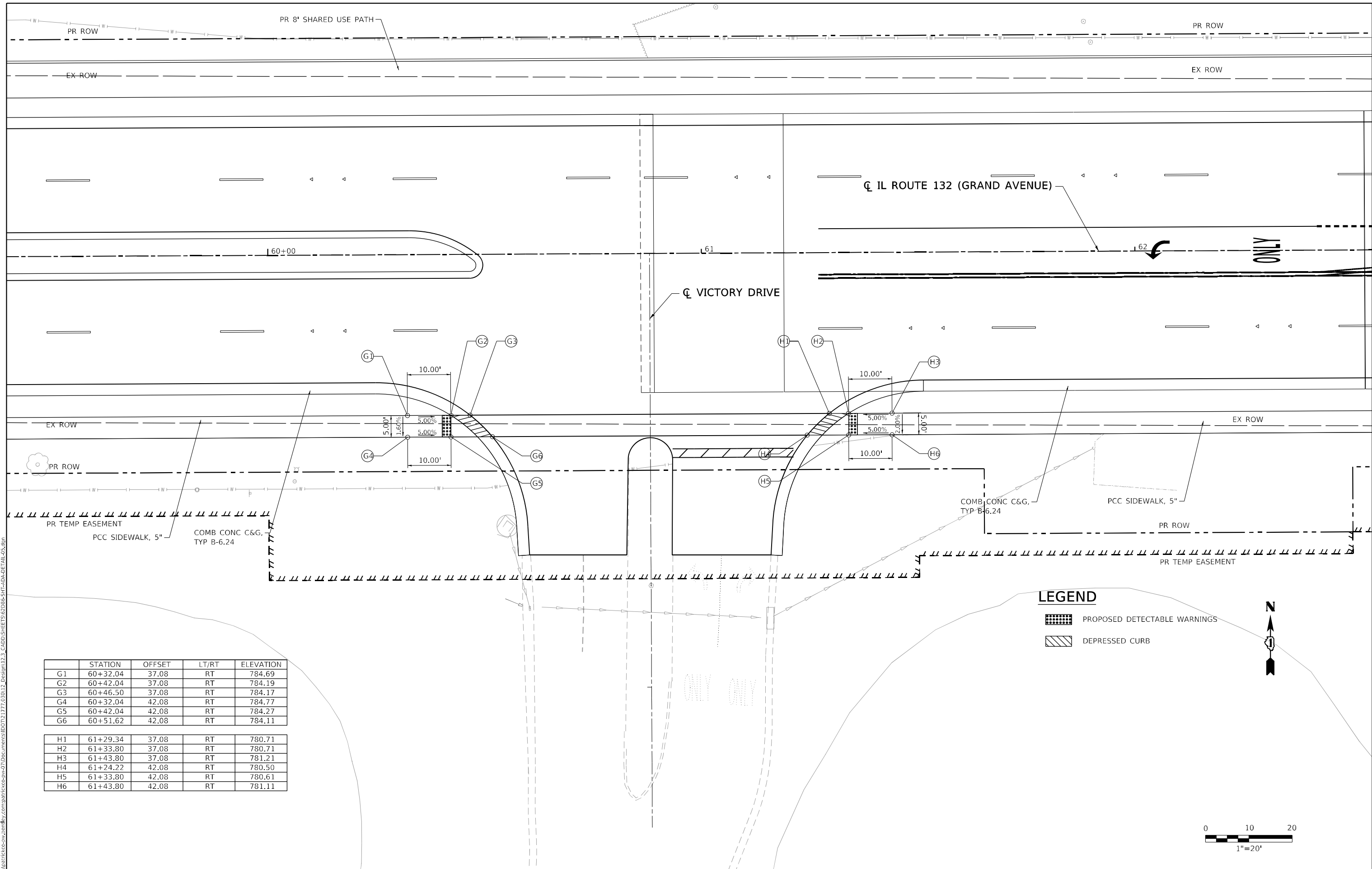
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PLOT DATE = 5/3/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 GRAND AVENUE
ADA PLAN AND DETAILS**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

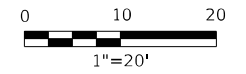
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	39
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	LT/RT	ELEVATION
G1	60+32.04	37.08	RT	784.69
G2	60+42.04	37.08	RT	784.19
G3	60+46.50	37.08	RT	784.17
G4	60+32.04	42.08	RT	784.77
G5	60+42.04	42.08	RT	784.27
G6	60+51.62	42.08	RT	784.11
H1	61+29.34	37.08	RT	780.71
H2	61+33.80	37.08	RT	780.71
H3	61+43.80	37.08	RT	781.21
H4	61+24.22	42.08	RT	780.50
H5	61+33.80	42.08	RT	780.61
H6	61+43.80	42.08	RT	781.11

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB



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USER NAME = nschilling
 PLOT SCALE = 20,0000 * / in.
 PLOT DATE = 5/3/2021

DESIGNED - JAC
 DRAWN - PAK
 CHECKED - JAC
 DATE - 3/30/21

REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 GRAND AVENUE
 ADA PLAN AND DETAILS**

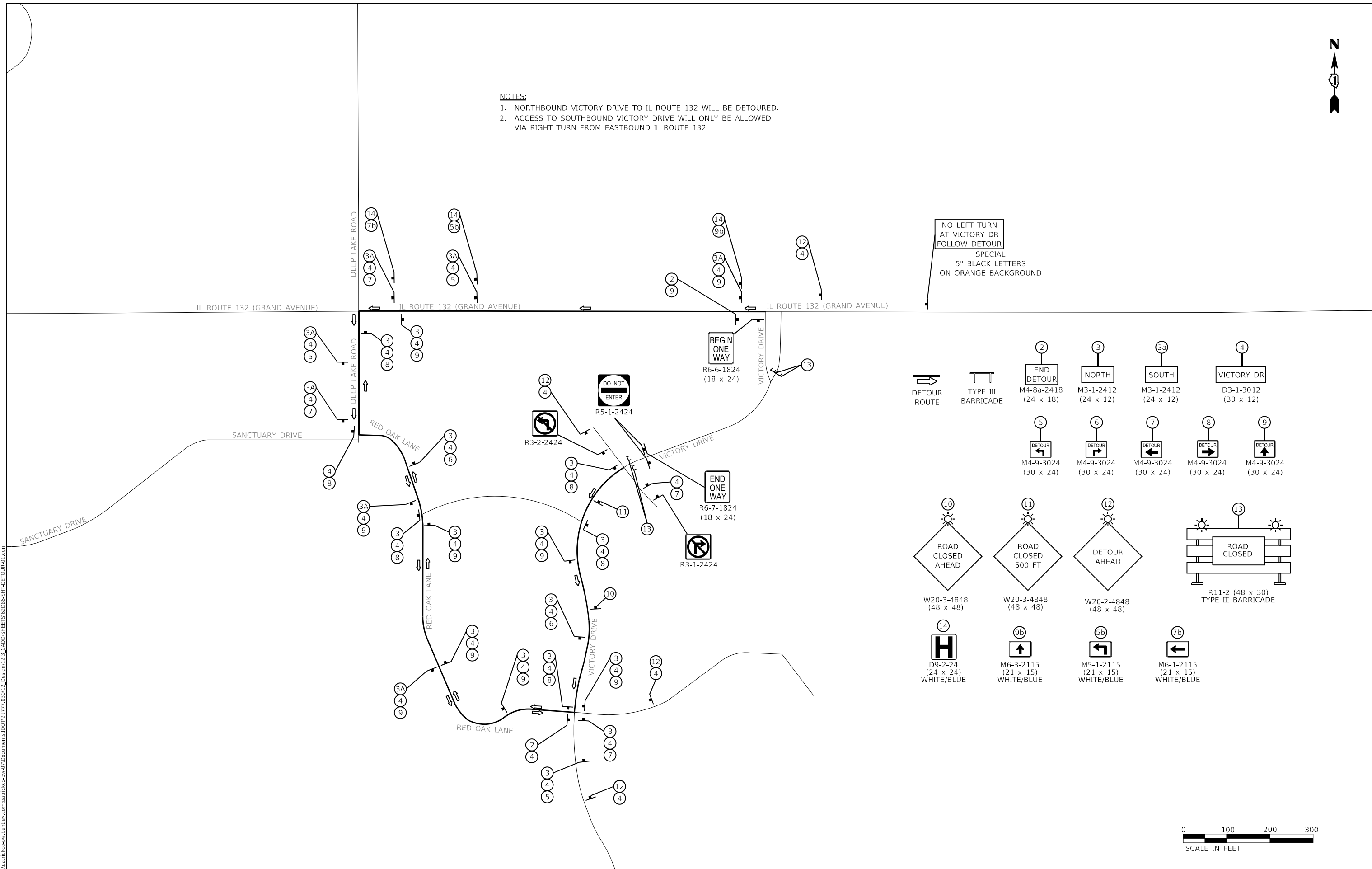
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	40
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



NOTES:

1. NORTHBOUND VICTORY DRIVE TO IL ROUTE 132 WILL BE DETOURED.
2. ACCESS TO SOUTHBOUND VICTORY DRIVE WILL ONLY BE ALLOWED VIA RIGHT TURN FROM EASTBOUND IL ROUTE 132.



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DRAWN - ACN	REVISIONS -	
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PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 132 (GRAND AVENUE)			
DETOUR ROUTE			
SCALE: 1" = 100'	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE. 541	SECTION A-W&RS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62DB6	

SUGGESTED MAINTENANCE OF TRAFFIC STAGING

PRE-STAGE

- TRAFFIC:
- TRAFFIC ON IL ROUTE 132 (GRAND AVENUE) WILL USE EXISTING LANES
 - USE TEMPORARY LANE CLOSURES DURING OPERATIONS. STANDARDS 701606, 701701, and 701801

- CONSTRUCTION:
- CONSTRUCT TEMPORARY TRAFFIC SIGNALS AT MUNN ROAD AND DEEP LAKE ROAD
 - PLACE TEMPORARY TRAFFIC SIGNALS IN SERVICE AT MUNN ROAD AND DEEP LAKE ROAD
 - INSTALL STAGE 1 TEMPORARY PAVEMENT MARKINGS AND RELOCATE TRAFFIC TO STAGE 1 CONFIGURATION

STAGE I

- TRAFFIC:
- TRAFFIC ON IL ROUTE 132 (GRAND AVENUE) WILL USE TWO 11' WIDE LANES BETWEEN DEEP LAKE ROAD AND MALLARD RIDGE DRIVE AND TWO 10'-6" LANES IN THE DRY LAND BRIDGE AREA
 - TRAFFIC WILL HAVE 11' TURN LANES WHERE NOTED ON PLANS

- CONSTRUCTION:
- MARK THE TEMPORARY TRAVEL LANES FROM THE SOUTH EDGE OF PAVEMENT
 - INSTALL TEMPORARY CONCRETE BARRIER WHERE NOTED ON THE PLANS WITH THE IMPACT ATTENUATOR ON THE EAST END
 - INSTALL DRUMS OR BARRICADES TO PROTECT THE WORK ZONE OUTSIDE OF THE DRY LAND BRIDGE AREA
 - REMOVE PORTIONS OF THE EXISTING DRY LAND BRIDGE AND EXISTING CULVERT NORTH OF TEMPORARY CONCRETE BARRIER
 - REMOVE THE EASTERN APPRX. 450' OF PAVEMENT NORTH OF TEMPORARY CONCRETE BARRIER
 - REMOVE CURB AND GUTTER ALONG NORTH SIDE WITHIN RESURFACING AREAS
 - RELOCATE PORTIONS OF WATER LINE
 - RELOCATE PORTION OF SANITARY SEWER FORCE MAIN AT CULVERT
 - REMOVE SIDEWALK ALONG NORTH SIDE WHERE NOTED ON PLANS
 - RE-GRADE TO ACCOMMODATE WIDENED PAVEMENT ON THE NORTH SIDE
 - INSTALL NEW SUBGRADE AND BASE COURSE IN WIDENED AREAS ON THE NORTH SIDE
 - POUR NEW CURB AND GUTTER AND SIDEWALK IN RESURFACING AREAS
 - INSTALL PORTIONS OF NEW DRY LAND BRIDGE AND CULVERT NORTH OF TEMPORARY CONCRETE BARRIER
 - INSTALL NEW PAVEMENT UP TO THE BINDER COURSE, CURB & GUTTER, AND DRAINAGE IN THE REMAINING RECONSTRUCTION AREA NORTH OF THE TEMPORARY CONCRETE BARRIER
 - INSTALL MULTI-USE PATH ALONG THE NORTH SIDE OF THE RECONSTRUCTION/DRY LAND BRIDGE AREA
 - INSTALL STAGE 2 TEMPORARY PAVEMENT MARKINGS AND RELOCATE TRAFFIC TO STAGE 2 CONFIGURATION

STAGE II

- TRAFFIC:
- TRAFFIC ON IL ROUTE 132 (GRAND AVENUE) WILL USE TWO 11' WIDE LANES BETWEEN DEEP LAKE ROAD AND EAST OF MUNN ROAD. 10' TURN LANES WILL BE USED WHERE NOTED IN PLANS
 - RESURFACING AREAS OUTSIDE OF THE RECONSTRUCTION AND DRY LAND BRIDGE AREA WILL REQUIRE TEMPORARY LANE CLOSURES
 - THE ENTRANCE TO VICTORY DRIVE WILL BE AN ENTRANCE-ONLY DRIVEWAY WITH A DETOUR FOR EXITING TRAFFIC AND WESTBOUND ENTERING TRAFFIC.

- CONSTRUCTION:
- MARK THE TEMPORARY TRAVEL LANES FROM THE NORTH EDGE OF PAVEMENT
 - RELOCATE TEMPORARY TRAFFIC SIGNAL HEADS
 - RELOCATE TEMPORARY CONCRETE BARRIER TO WHERE NOTED ON THE PLANS AND RELOCATE THE IMPACT ATTENUATOR TO THE WEST END
 - RELOCATE DRUMS OR BARRICADES TO PROTECT THE WORK ZONE OUTSIDE OF THE DRY LAND BRIDGE AREA
 - REMOVE THE REMAINING PORTION OF THE EXISTING DRY LAND BRIDGE AND CULVERT SOUTH OF THE TEMPORARY CONCRETE BARRIER
 - INSTALL SUPPORT BEAM FOR EXISTING WATER LINE AT CULVERT
 - REMOVE THE REMAINING PORTION OF THE APPROX. 450' OF PAVEMENT EAST OF THE DRY LAND BRIDGE SOUTH OF THE TEMPORARY CONCRETE BARRIER
 - REMOVE CURB AND GUTTER ALONG SOUTH SIDE WITHIN RESURFACING AREAS
 - REMOVE SIDEWALK ALONG SOUTH SIDE WHERE NOTED ON PLANS
 - RE-GRADE TO ACCOMMODATE WIDENED PAVEMENT ON SOUTH SIDE
 - INSTALL NEW SUBGRADE AND BASE COURSE IN WIDENED AREAS ON SOUTH SIDE
 - POUR NEW CURB & GUTTER AND SIDEWALK IN RESURFACING AREAS
 - INSTALL REMAINING PORTION OF NEW DRY LAND BRIDGE AND CULVERT SOUTH OF TEMPORARY CONCRETE BARRIER
 - INSTALL NEW PAVEMENT UP TO THE BINDER COURSE, CURB & GUTTER, AND DRAINAGE IN THE REMAINING RECONSTRUCTION AREA SOUTH OF TEMPORARY CONCRETE BARRIER
 - INSTALL NEW SIDEWALK ALONG THE SOUTH SIDE OF THE RECONSTRUCTION/DRY LAND BRIDGE AREA
 - REMOVE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATOR
 - INSTALL STAGE 3 TEMPORARY PAVEMENT MARKINGS AND RELOCATE TRAFFIC TO STAGE 3 CONFIGURATION

STAGE III

- TRAFFIC:
- TRAFFIC ON IL ROUTE 132 (GRAND AVENUE) WILL USE TWO 12' WIDE LANES ON THE OUTSIDE OF THE ROAD BETWEEN DEEP LAKE ROAD AND MUNN ROAD. 11' TURN LANES WILL BE USED WHERE NOTED ON THE PLANS
 - RESURFACING AREAS OUTSIDE OF THE RECONSTRUCTION AND DRY LAND BRIDGE AREA WILL REQUIRE TEMPORARY LANE CLOSURES
 - AFTER THE RAISED MEDIANS ARE COMPLETED, THE LANES SHALL BE RETURNED TO THEIR FINAL CONFIGURATION AS THE RESURFACING ACTIVITIES BEGIN

- CONSTRUCTION:
- RELOCATE TEMPORARY TRAFFIC SIGNAL HEADS
 - INSTALL RAISED MEDIANS WHERE NOTED ON THE PLANS
 - INSTALL TEMPORARY PAVEMENT MARKINGS
 - MILL 2 1/2" TO MATCH THE RECONSTRUCTION AREA SURFACE
 - INSTALL 3/4" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 IN THE RESURFACING AREAS
 - INSTALL 1 3/4" POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 IN THE ENTIRE PROJECT AREA WITH THE EXCEPTION OF THE DRY LAND BRIDGE
 - INSTALL PERMANENT STRIPING
 - REMOVE TEMPORARY TRAFFIC SIGNALS

GENERAL NOTES

- ALL TRAFFIC CONTROL MATERIAL AND DEVICES SHALL CONFORM TO THE TRAFFIC CONTROL PLANS AND THE LATEST EDITION OF THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- MAINTENANCE OF TRAFFIC AS DENOTED ON THE PLANS IS INTENDED TO BE USED AS A GENERAL GUIDE FOR THE SEQUENCE OF CONSTRUCTION OF THE WORK. NO CHANGES WILL BE PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
- ACCESS TO ENTRANCES SHALL BE MAINTAINED. WHEN A PROPERTY IS SERVED BY A SINGLE ENTRANCE, CONSTRUCTION OF THE ENTRANCE SHALL BE COMPLETED ONE HALF AT A TIME IN ORDER TO MAINTAIN ACCESS. WHEN A PROPERTY IS SERVED BY MULTIPLE ENTRANCES, ONE OF THE ENTRANCES SHALL REMAIN OPEN AT ALL TIMES.
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT THE FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.
- REMOVE ANY EXISTING PAVEMENT MARKINGS, AS REQUIRED, IF IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKINGS FOR TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS. TEMPORARY PAVEMENT MARKINGS WHICH FALL BEYOND THE PROJECT LIMITS SHALL BE PAVEMENT MARKING TAPE, TYPE IV.
- THE FURNISHING, INSTALLATION, RELOCATION, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES SHOWN ON THESE MAINTENANCE OF TRAFFIC PLANS AND ON THE APPLICABLE IDOT TRAFFIC CONTROL STANDARDS SHALL BE PAID FOR UNDER THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
- PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PROVIDED EASTBOUND AND WESTBOUND ON IL ROUTE 132 (GRAND AVENUE), SOUTHBOUND AND NORTHBOUND ON DEEP LAKE ROAD, AND NORTHBOUND ON VICTORY DRIVE WHEN NECESSARY AS DIRECTED BY THE ENGINEER, TO ADVISE MOTORISTS OF STAGE CHANGES.
- DURING STAGE 2, MOTORISTS INTENDING TO ENTER IL ROUTE 132 (GRAND AVENUE) FROM NORTHBOUND VICTORY DRIVE SHALL USE THE DETOUR PROVIDED AS DIRECTED BY THE ENGINEER.

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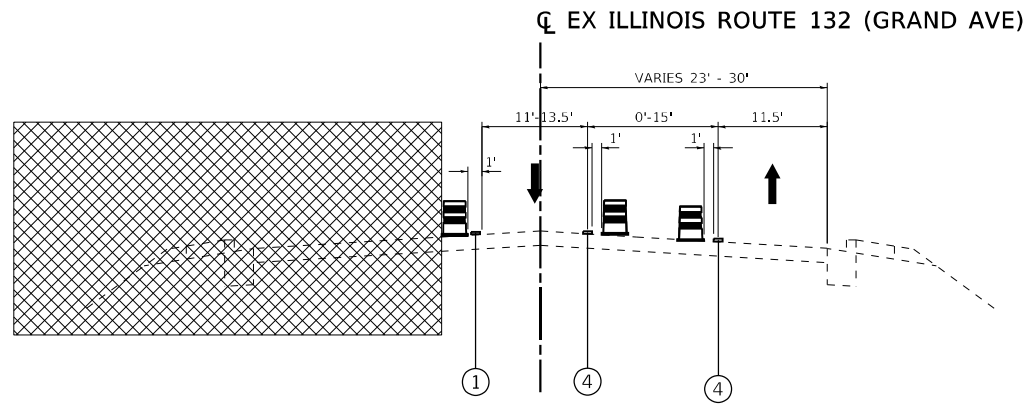
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGING NOTES
AND SEQUENCE OF OPERATIONS**

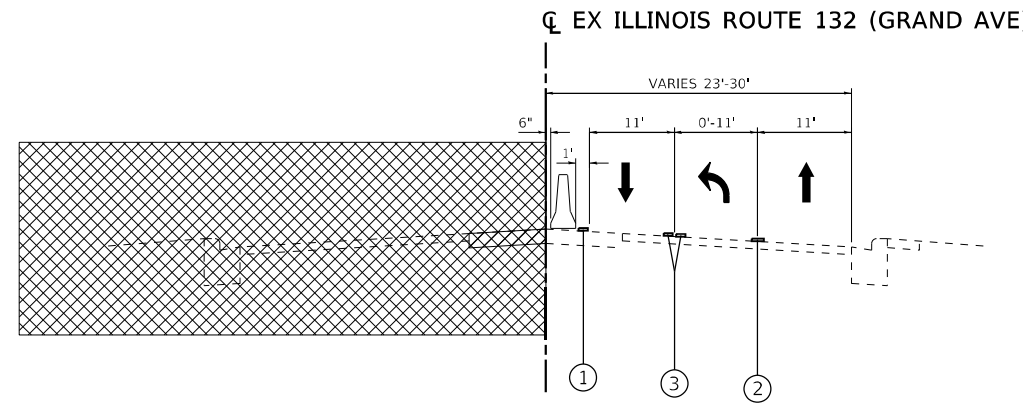
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CONTRACT NO. 62DB6				
SCALE: NTS	SHEET 1 OF 9 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

LEGEND

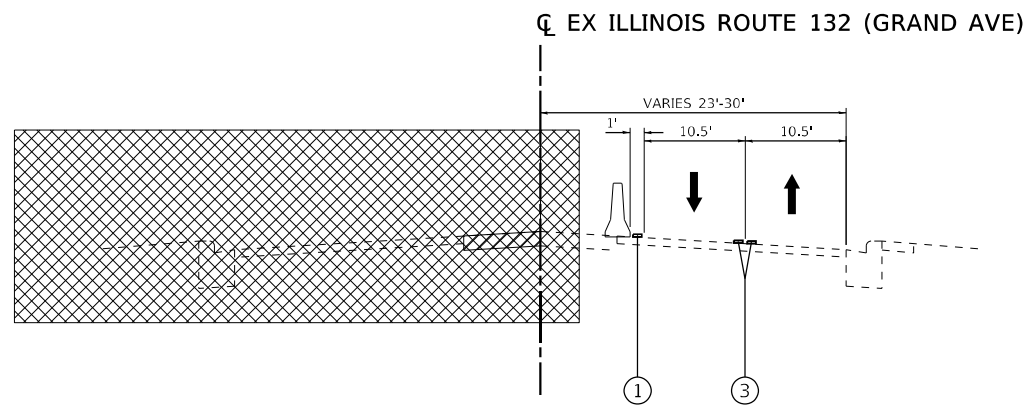
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-  DRUMS
-  TEMPORARY CONCRETE BARRIER
-  PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID WHITE
-  PAVEMENT MARKING TAPE, TYPE IV - LINE 6", SOLID WHITE
-  PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID DOUBLE YELLOW @11" C-C
-  PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID YELLOW



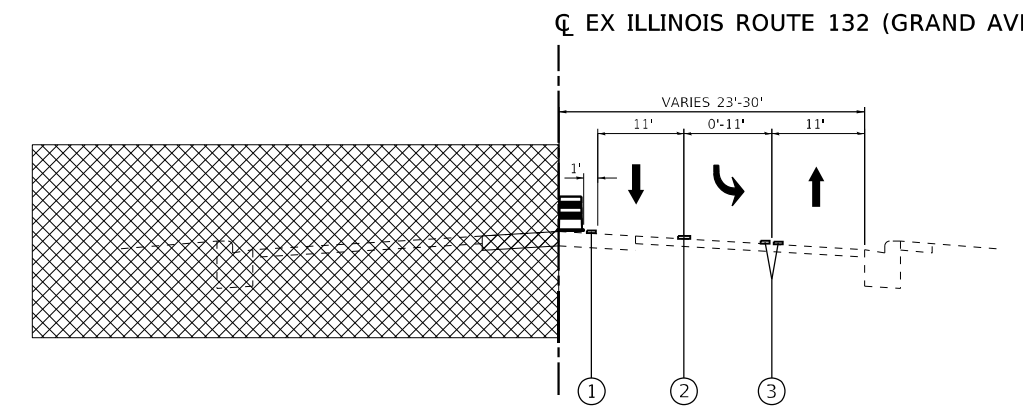
STAGE 1
STA. 52+00 TO STA. 59+96



STAGE 1
STA. 74+74 TO STA. 78+00



STAGE 1
STA. 59+96 TO STA. 74+74



STAGE 1
STA. 78+00 TO STA. 84+00

- NOTES:
1. TEMPORARY CONCRETE BARRIER TO BE PINNED ON TRAFFIC SIDE FROM STA 60+00 TO STA 75+00 IN THIS STAGE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

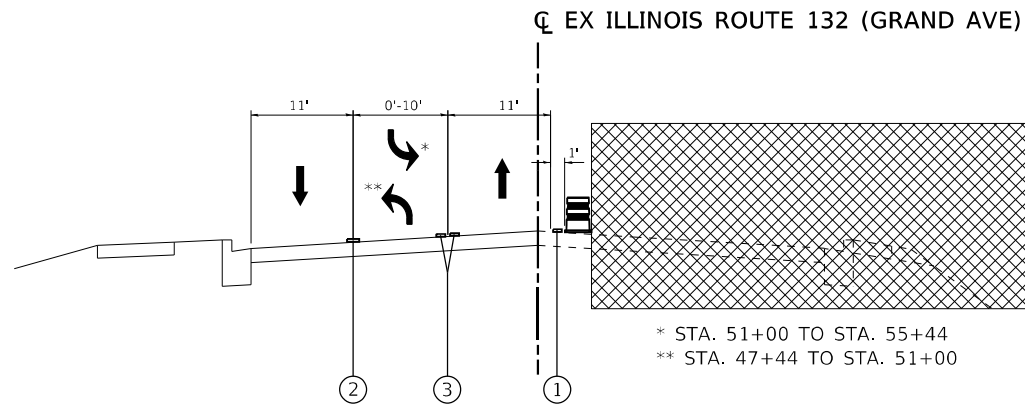
**STAGING CONSTRUCTION TRAFFIC CONTROL
TYPICAL SECTIONS**

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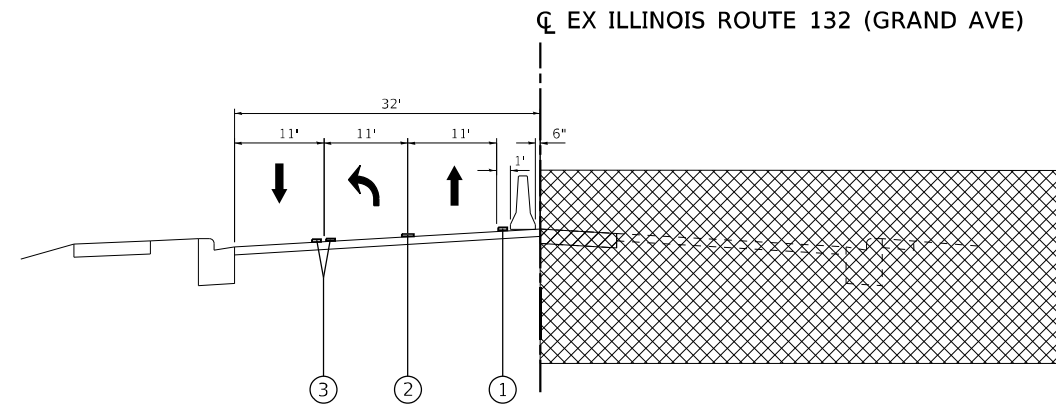
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CONTRACT NO. 62DB6			ILLINOIS FED. AID PROJECT	

LEGEND

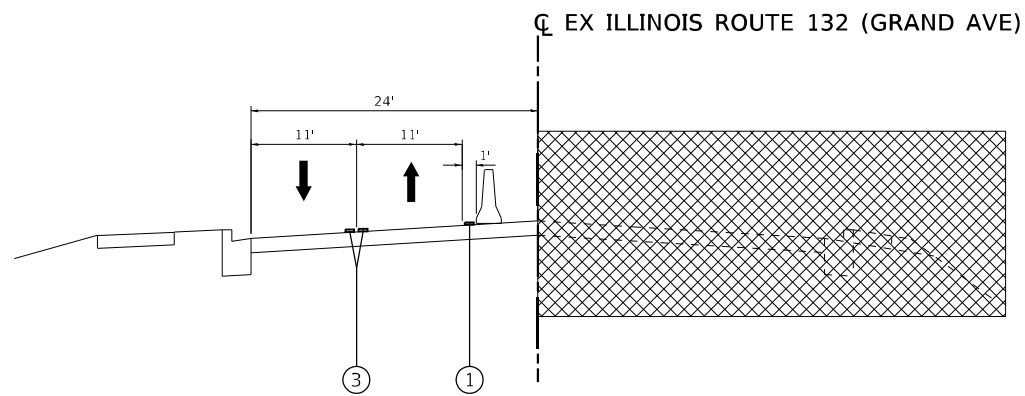
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-  DRUMS
-  TEMPORARY CONCRETE BARRIER
- ① PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID WHITE
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE 6", SOLID WHITE
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID DOUBLE YELLOW @11" C-C
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID YELLOW



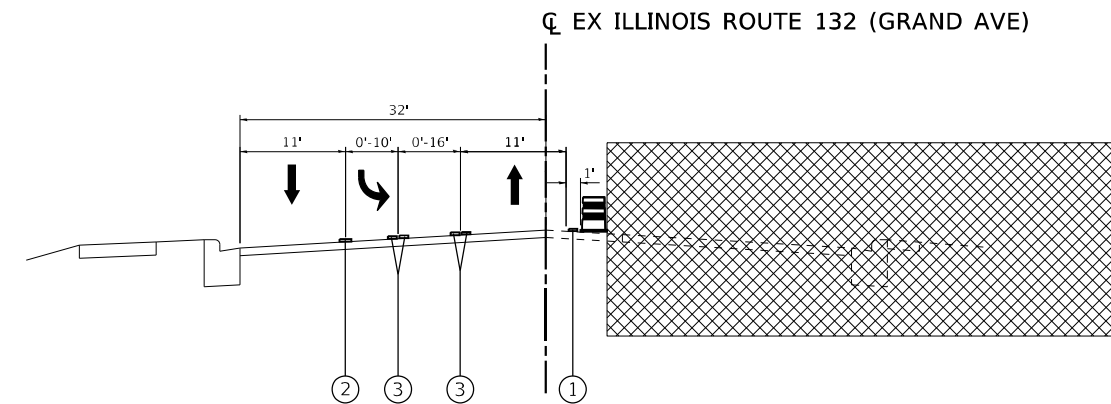
STAGE 2
STA. 46+00 TO STA. 60+72



STAGE 2
STA. 74+27 TO STA. 78+00



STAGE 2
STA. 60+72 TO STA. 74+27



STAGE 2
STA. 78+00 TO STA. 84+00

NOTES:
1. TEMPORARY CONCRETE BARRIER TO BE PINNED ON TRAFFIC SIDE FROM STA 60+91 TO STA 76+74 IN THIS STAGE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

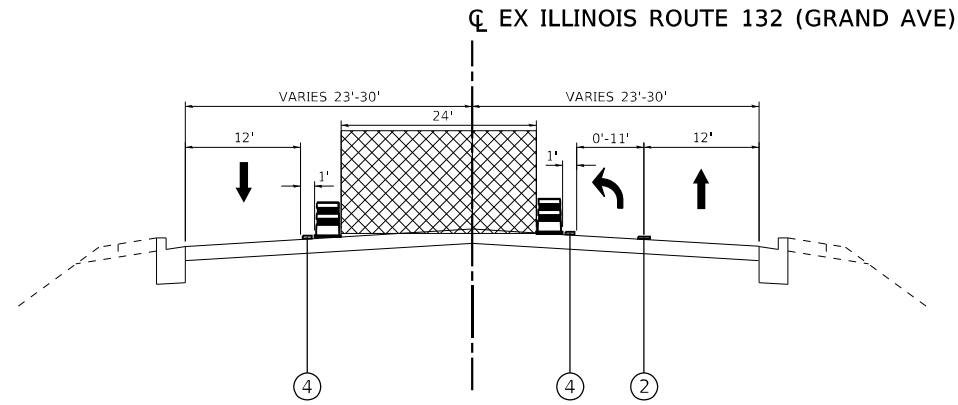
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TYPICAL SECTIONS**

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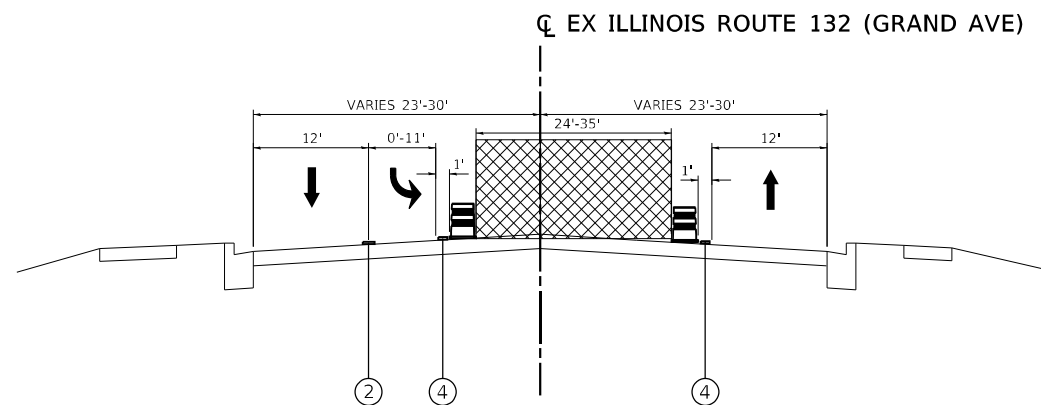
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CONTRACT NO. 62DB6			ILLINOIS FED. AID PROJECT	

LEGEND

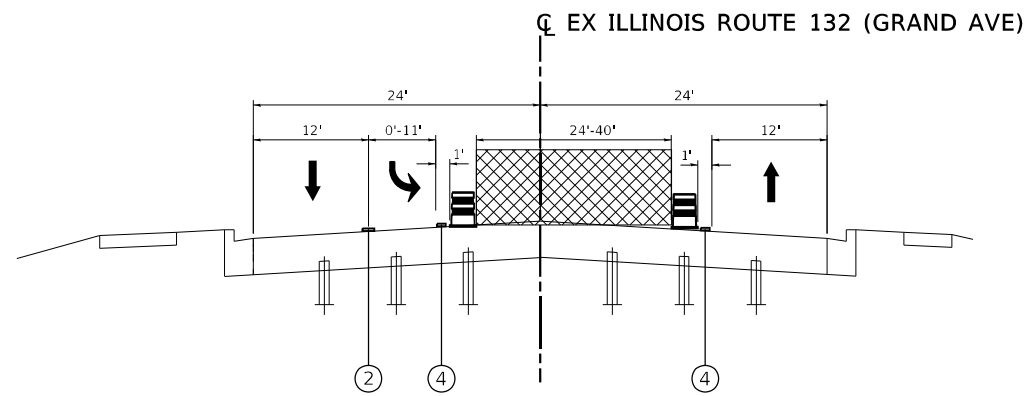
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-  DRUMS
-  TEMPORARY CONCRETE BARRIER
- ① PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID WHITE
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE 6", SOLID WHITE
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID DOUBLE YELLOW @11" C-C
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID YELLOW



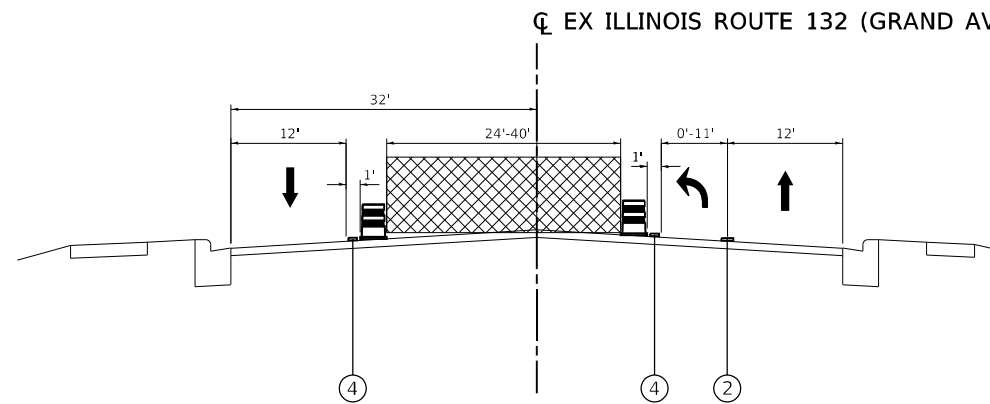
STAGE 3
STA. 42+81 TO STA. 51+00



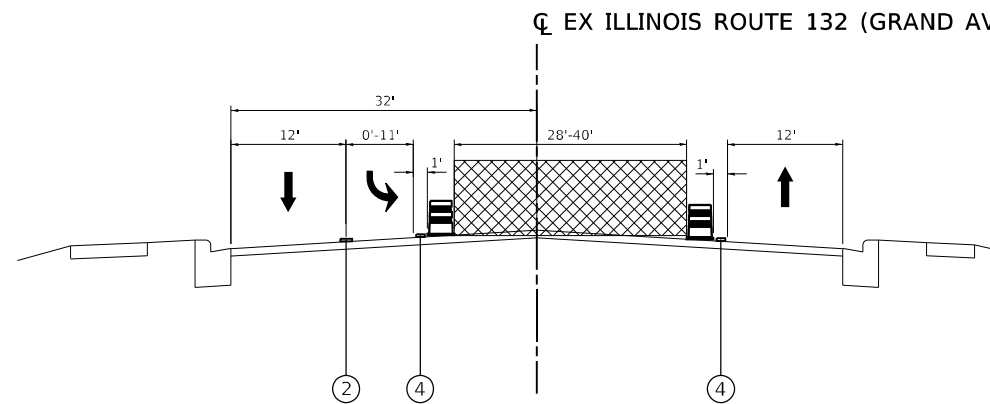
STAGE 3
STA. 51+00 TO STA. 61+14



STAGE 3
STA. 61+14 TO STA. 74+74



STAGE 3
STA. 74+74 TO STA. 78+00



STAGE 3
STA. 78+00 TO STA. 98+41

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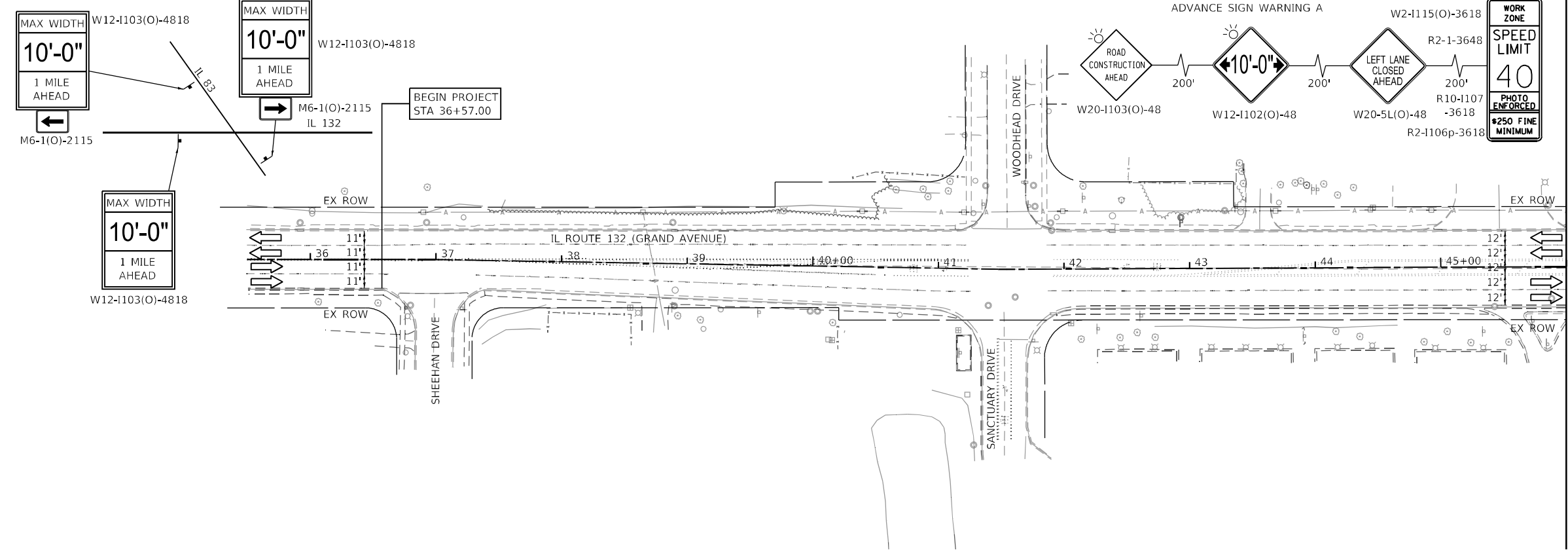
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING CONSTRUCTION TRAFFIC CONTROL
TYPICAL SECTIONS**

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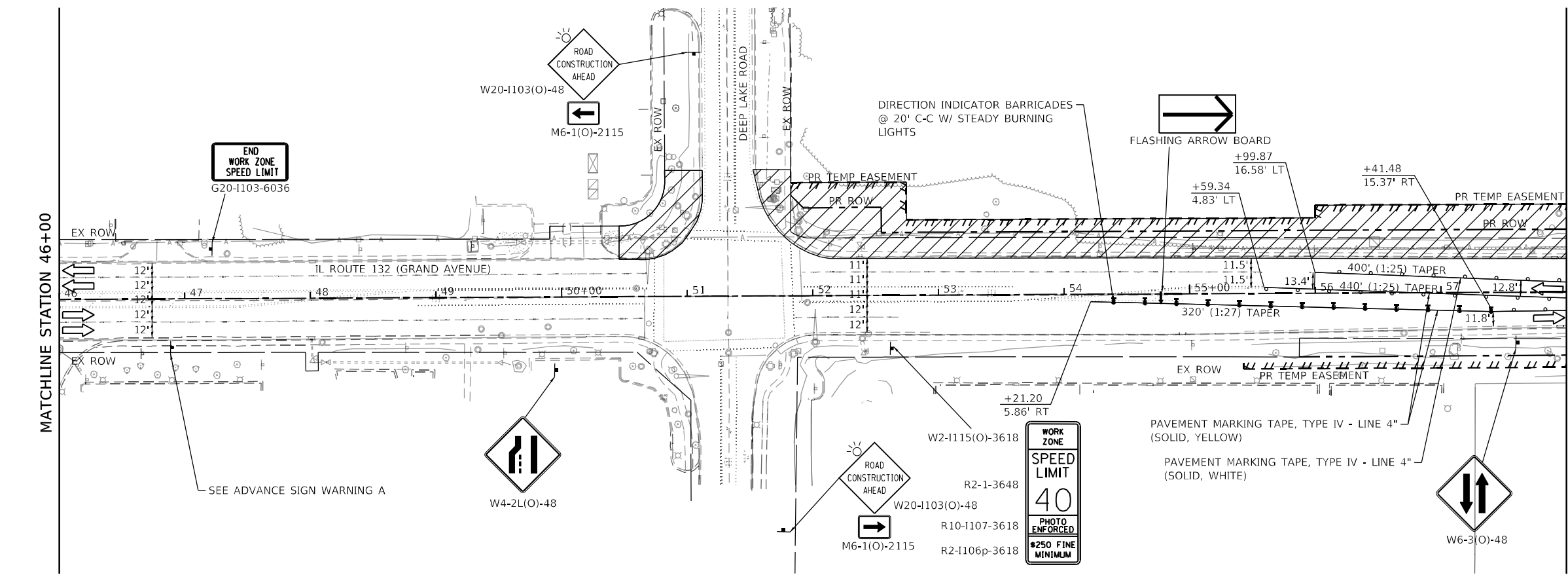
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541	A-W&RS-2	LAKE	205	45
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				



MATCHLINE STATION 46+00

MAINTENANCE OF TRAFFIC LEGEND:

- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- DRUMS @ 50' CENTERS (20' CTRS. ALONG TAPERS)
- TEMPORARY CONCRETE BARRIER WITH DOUBLE-SIDED TYPE C CRYSTAL MARKERS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
- TYPE III BARRICADE



MATCHLINE STATION 58+00



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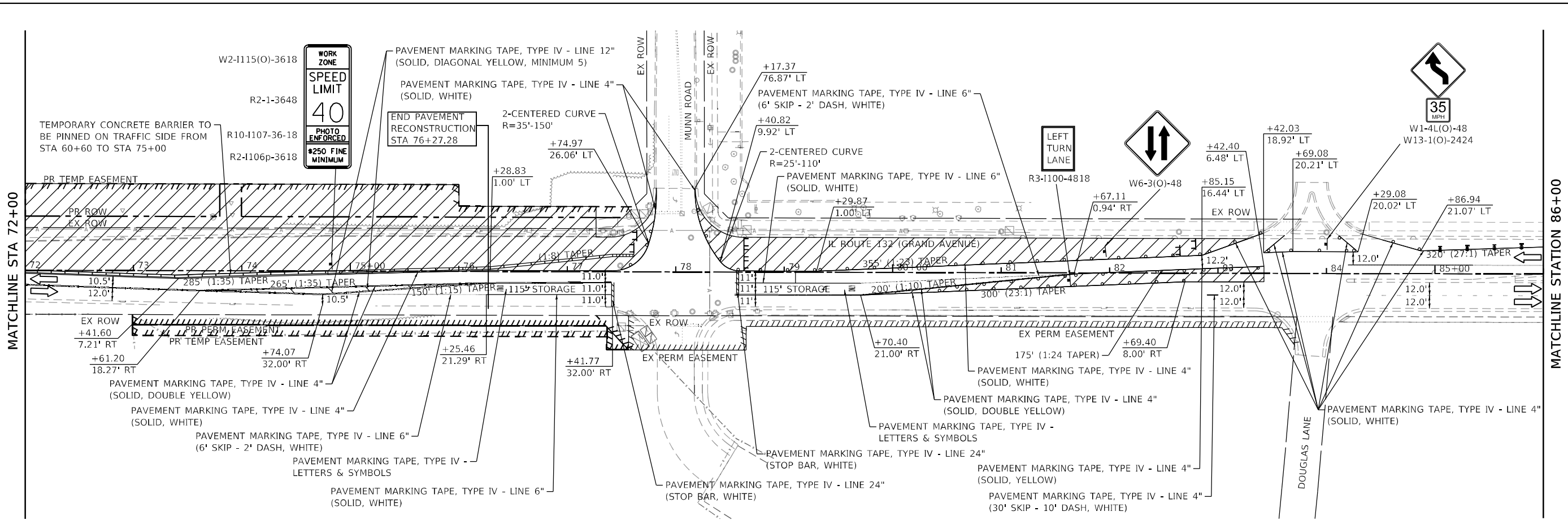
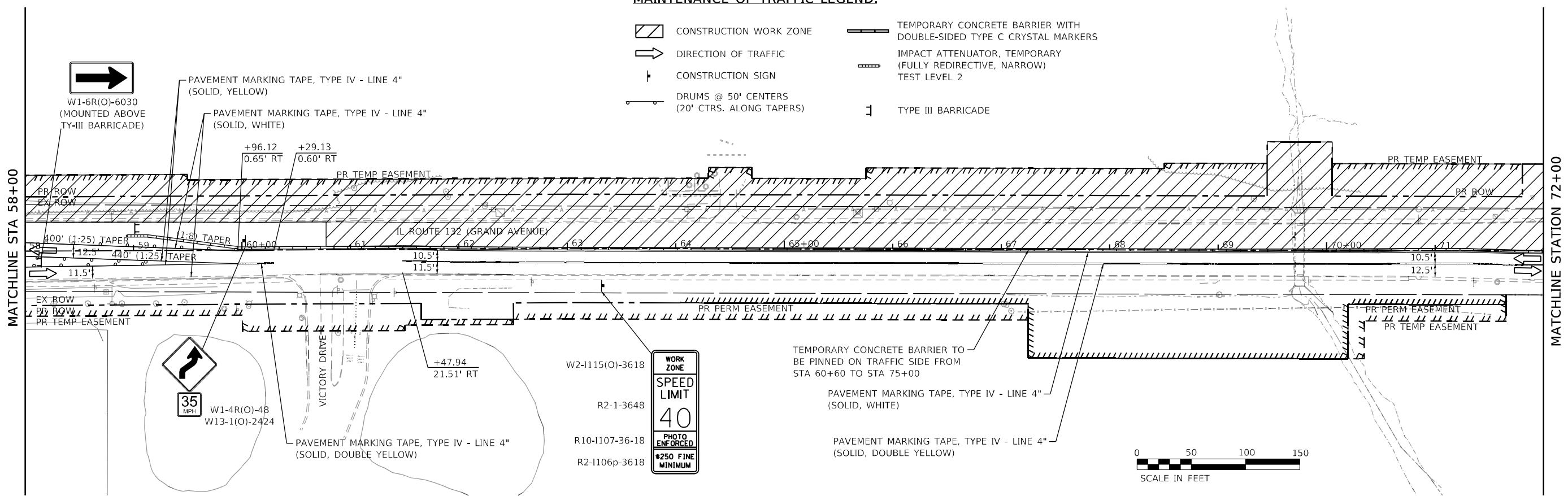
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 1 CONSTRUCTION TRAFFIC CONTROL PLAN			
IL ROUTE 132 - GRAND AVENUE			
SCALE: 1" = 50'	SHEET 1	OF 9 SHEETS	STA. 35+00.00 TO STA. 58+00.00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 46
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC LEGEND:

- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- DRUMS @ 50' CENTERS (20' CTRS. ALONG TAPERS)
- TEMPORARY CONCRETE BARRIER WITH DOUBLE-SIDED TYPE C CRYSTAL MARKERS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW)
- TEST LEVEL 2
- TYPE III BARRICADE



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 PLOT DATE: = 5/3/2021

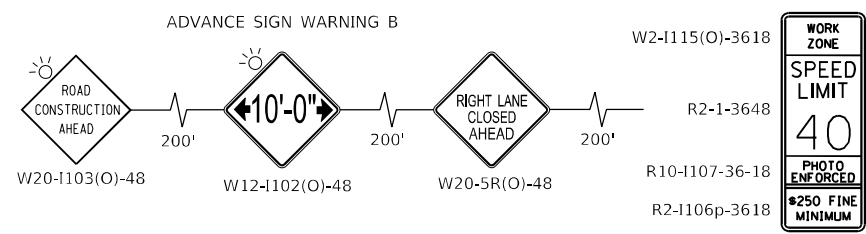
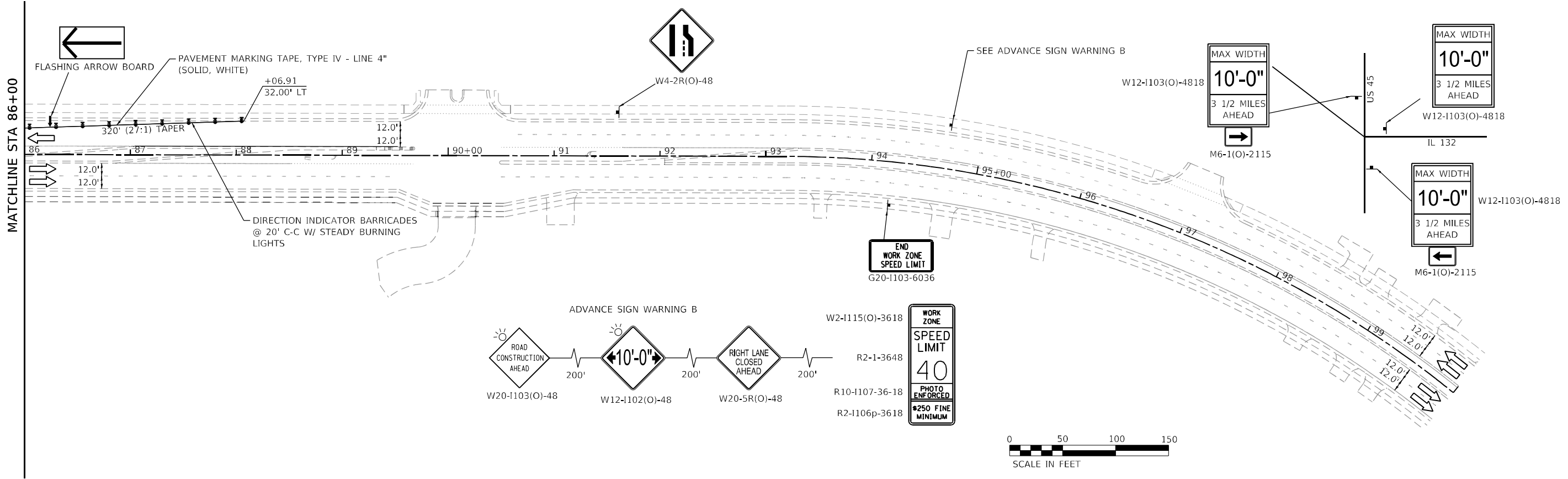


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DATE - 3/30/21	REVISED -	








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 1 CONSTRUCTION TRAFFIC CONTROL PLAN
IL ROUTE 132 - GRAND AVENUE
 SCALE: 1" = 50' SHEET 2 OF 9 SHEETS STA. 58+00.00 TO STA. 86+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	47
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC LEGEND:

-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC
-  CONSTRUCTION SIGN
-  DRUMS @ 50' CENTERS (20' CTRS. ALONG TAPERS)
-  TEMPORARY CONCRETE BARRIER WITH DOUBLE-SIDED TYPE C CRYSTAL MARKERS
-  IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
-  TYPE III BARRICADE

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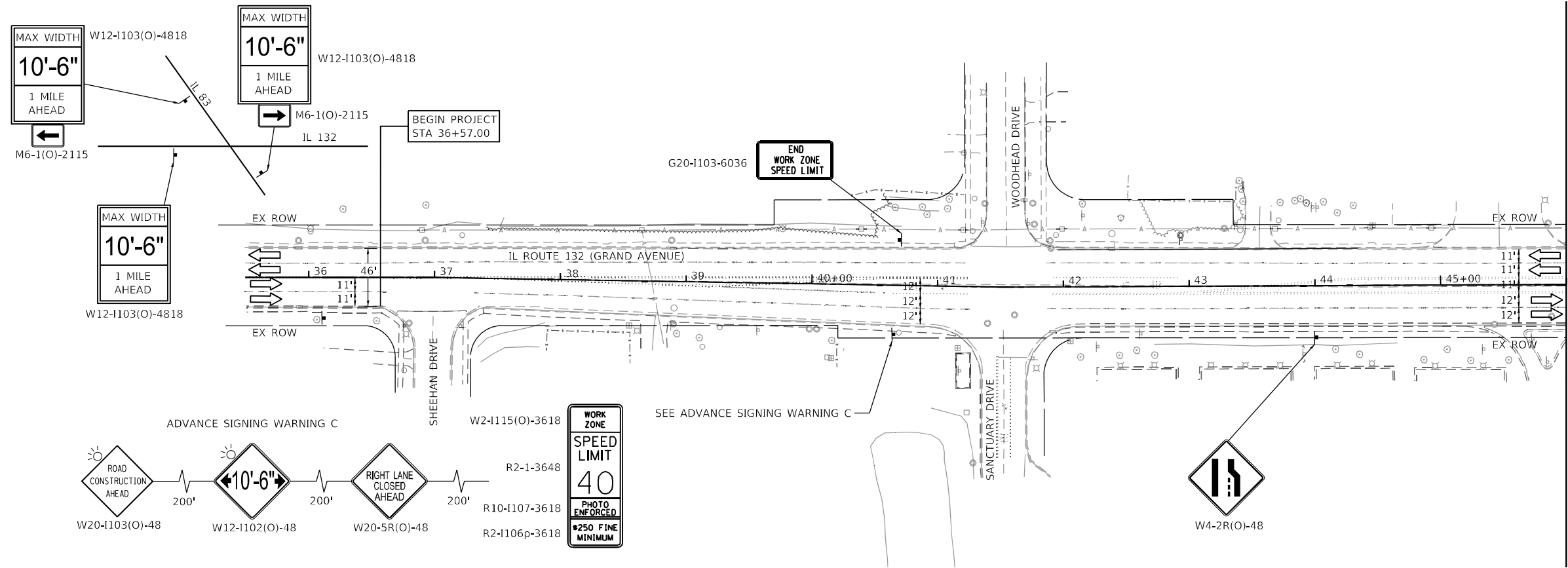
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 CONSTRUCTION TRAFFIC CONTROL PLAN
IL ROUTE 132 – GRAND AVENUE








SCALE: 1" = 50' SHEET 3 OF 9 SHEETS STA. 86+00.00 TO STA. 100+00.00

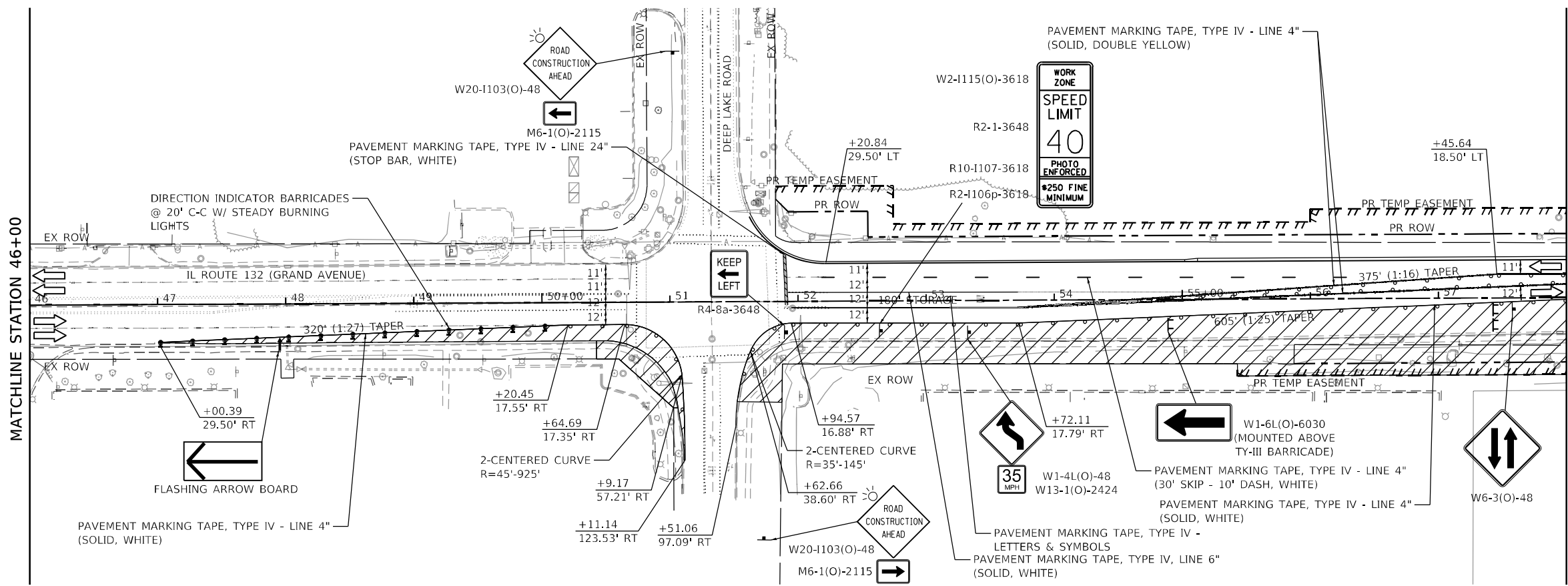
F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 48
CONTRACT NO. 62D86				ILLINOIS FED. AID PROJECT



MATCHLINE STATION 46+00

MAINTENANCE OF TRAFFIC LEGEND:

-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC
-  CONSTRUCTION SIGN
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHT @ 50' CENTERS (20' CTRS. ALONG TAPERS)
-  TEMPORARY CONCRETE BARRIER WITH DOUBLE-SIDED TYPE C CRYSTAL MARKERS
-  IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
-  TYPE III BARRICADE



MATCHLINE STATION 46+00

MATCHLINE STATION 58+00



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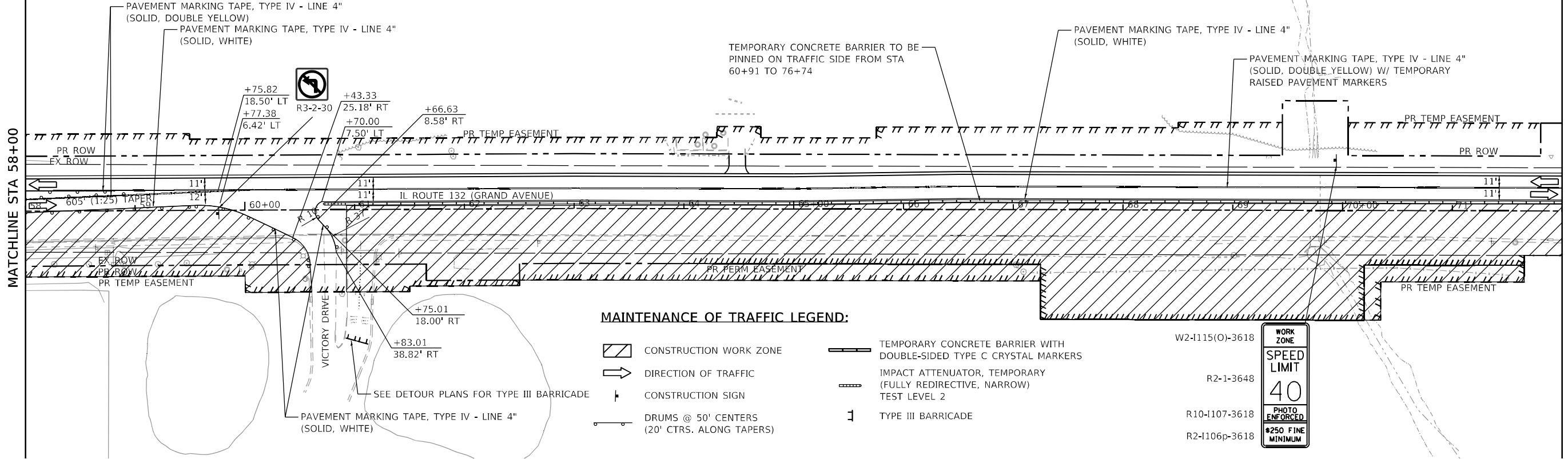
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DATE - 3/30/21	REVISIONS -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 CONSTRUCTION TRAFFIC CONTROL PLAN
IL ROUTE 132 - GRAND AVENUE**

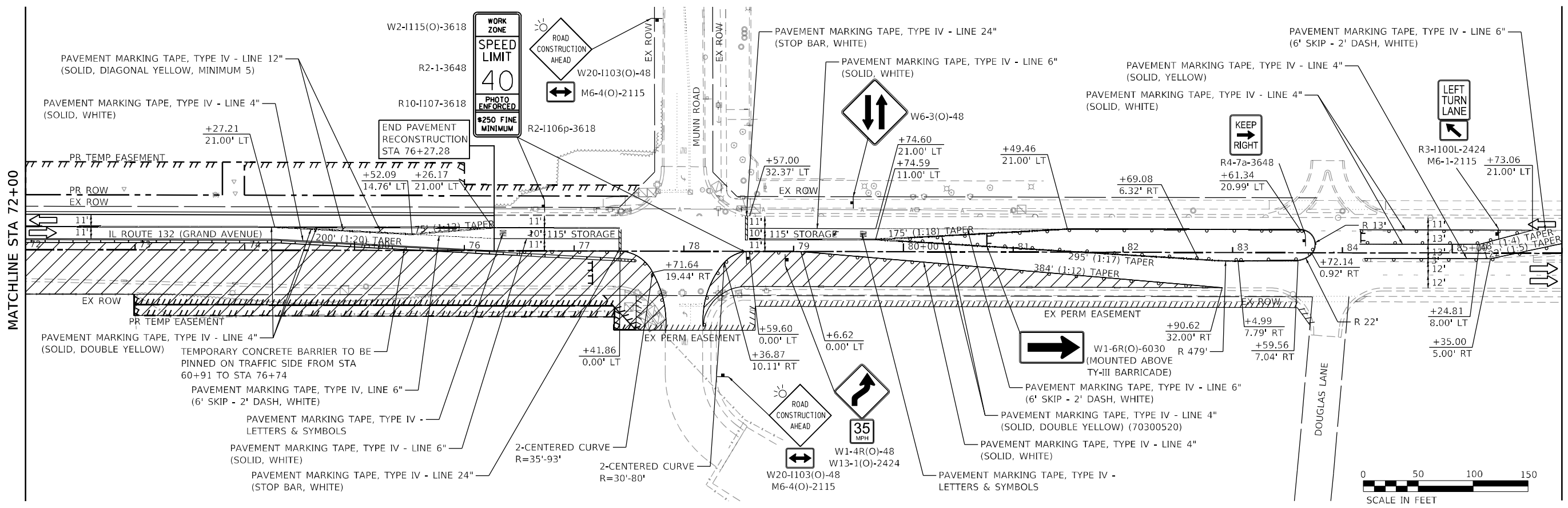
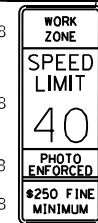
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	49
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC LEGEND:

- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- DRUMS @ 50' CENTERS (20' CTRS. ALONG TAPERS)
- TEMPORARY CONCRETE BARRIER WITH DOUBLE-SIDED TYPE C CRYSTAL MARKERS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
- TYPE III BARRICADE



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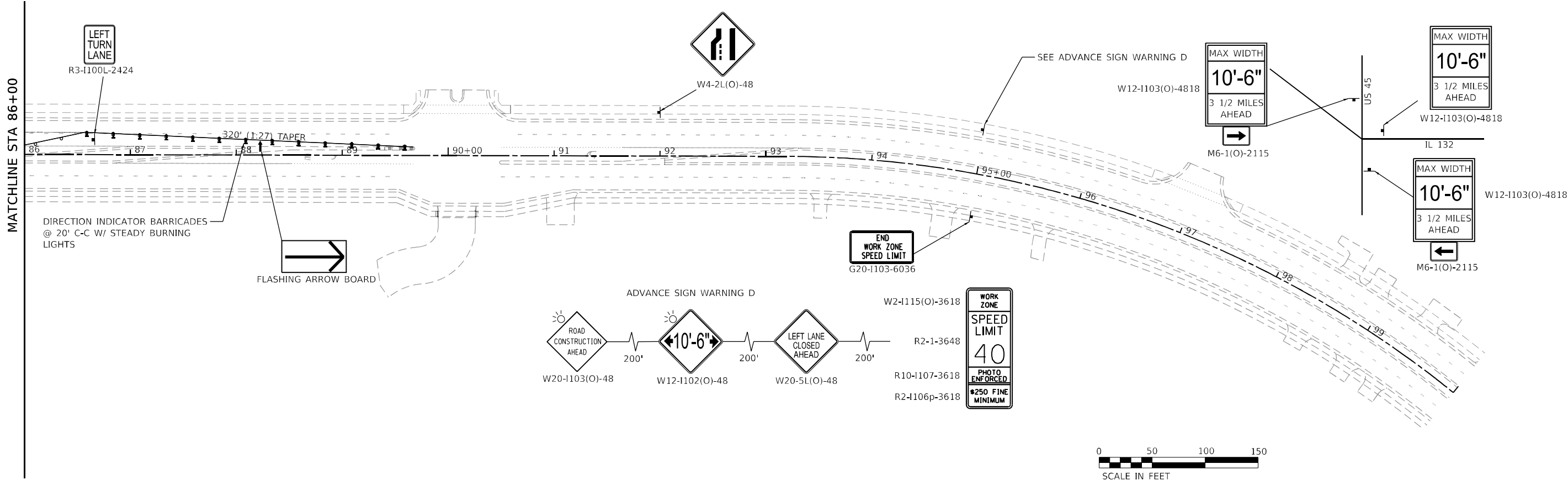
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








**STAGE 2 CONSTRUCTION TRAFFIC CONTROL PLAN
IL ROUTE 132 - GRAND AVENUE**

SCALE: 1" = 50' SHEET 5 OF 9 SHEETS STA. 58+00.00 TO STA. 86+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	50
CONTRACT NO. 62DB86				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC LEGEND:

-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC
-  CONSTRUCTION SIGN
-  DRUMS @ 50' CENTERS (20' CTRS. ALONG TAPERS)
-  TEMPORARY CONCRETE BARRIER WITH DOUBLE-SIDED TYPE C CRYSTAL MARKERS
-  IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
-  TYPE III BARRICADE

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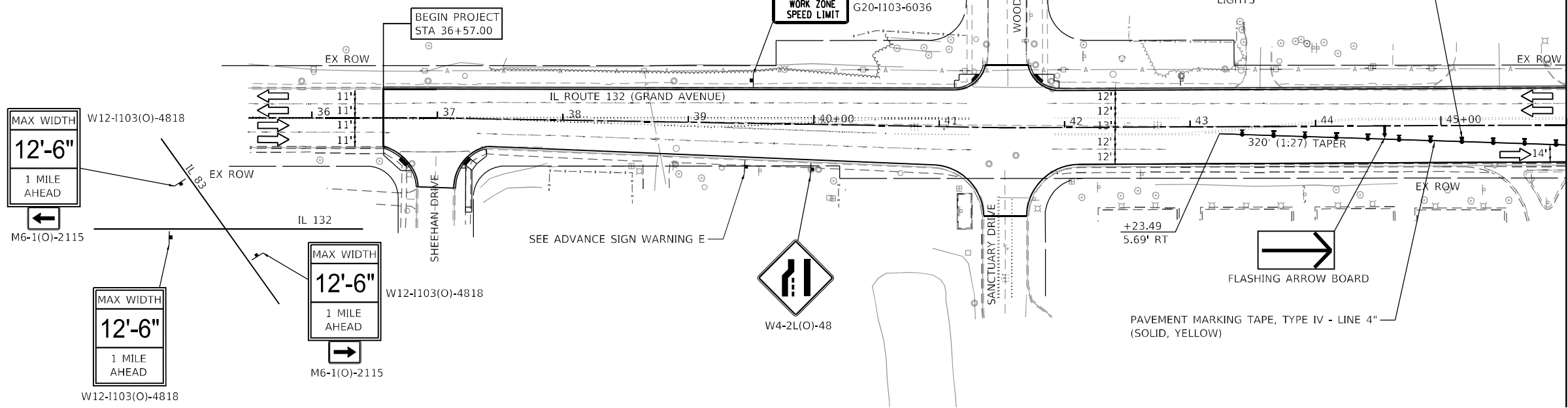
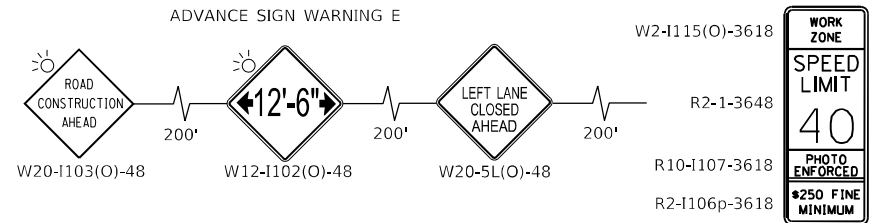


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

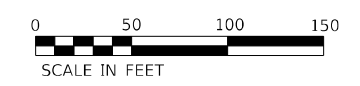
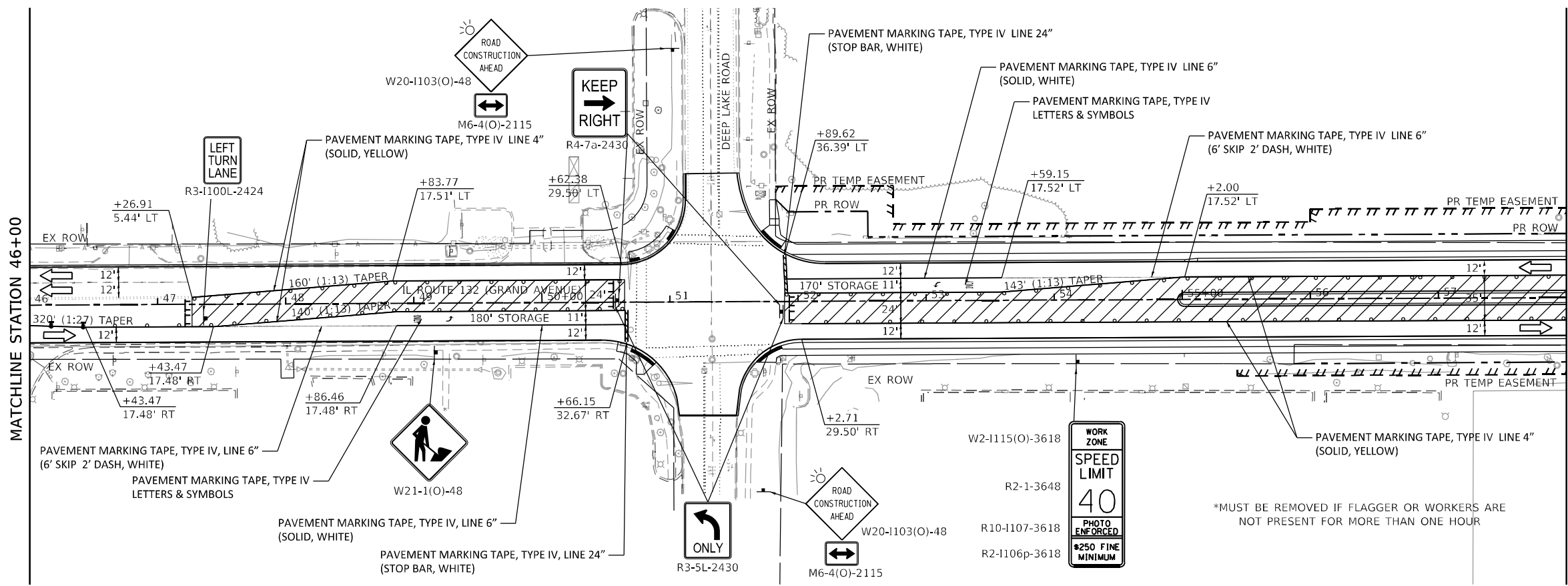
STAGE 2 CONSTRUCTION TRAFFIC CONTROL PLAN
IL ROUTE 132 – GRAND AVENUE
 SCALE: 1" = 50' SHEET 6 OF 9 SHEETS STA. 86+00.00 TO STA. 100+00.00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 51
CONTRACT NO. 62D86				ILLINOIS FED. AID PROJECT



- MAINTENANCE OF TRAFFIC LEGEND:**
- CONSTRUCTION WORK ZONE
 - DIRECTION OF TRAFFIC
 - CONSTRUCTION SIGN
 - DRUMS @ 50' CENTERS (20' CTRS. ALONG TAPERS)
 - TEMPORARY CONCRETE BARRIER WITH DOUBLE-SIDED TYPE C CRYSTAL MARKERS
 - IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
 - TYPE III BARRICADE

MATCHLINE STATION 46+00



MATCHLINE STATION 58+00



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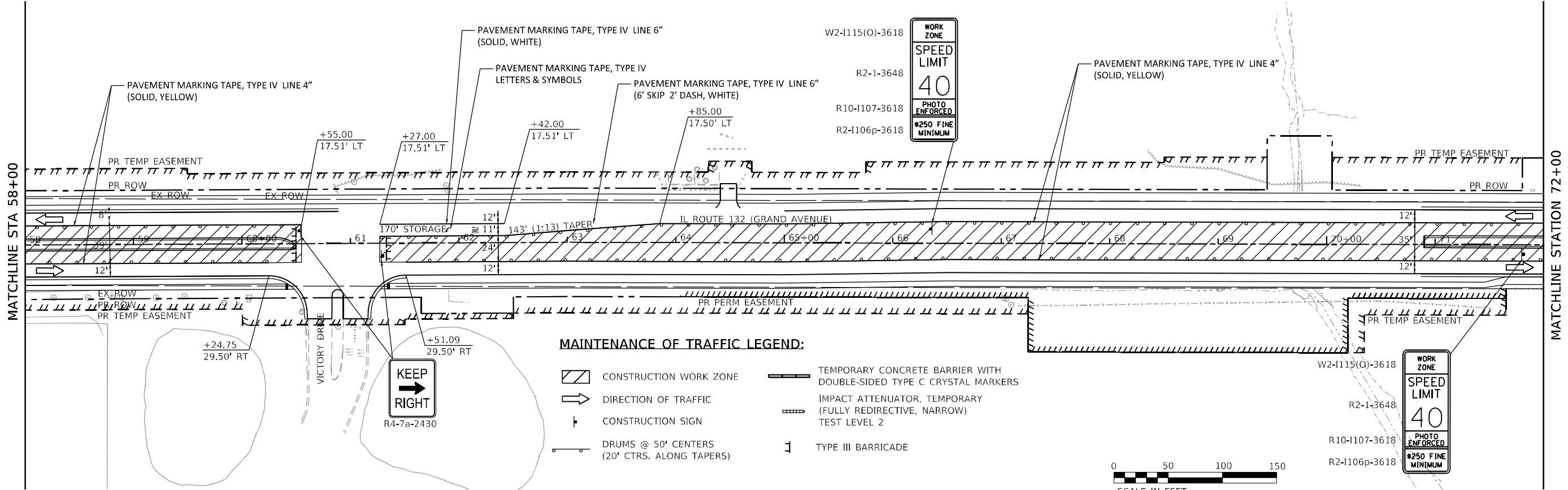
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	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 3 CONSTRUCTION TRAFFIC CONTROL PLAN
IL ROUTE 132 - GRAND AVENUE**

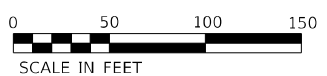
SCALE: 1" = 50' SHEET 7 OF 9 SHEETS STA. 35+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	52
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



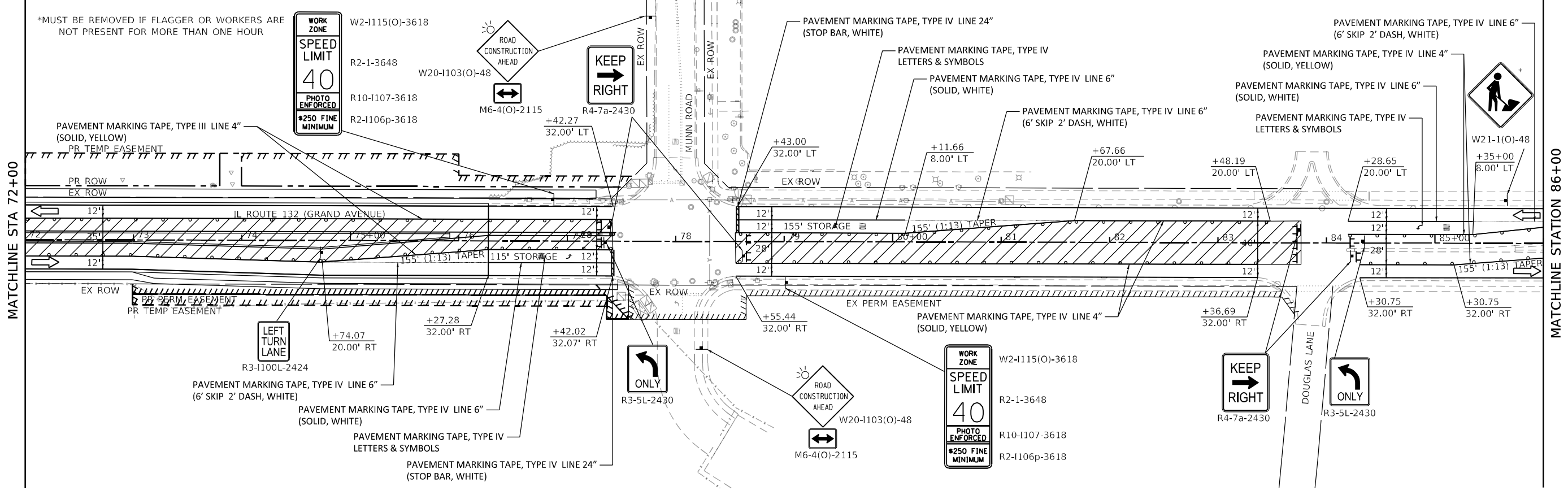
MAINTENANCE OF TRAFFIC LEGEND:

- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- DRUMS @ 50' CENTERS (20' CTRS. ALONG TAPERS)
- TEMPORARY CONCRETE BARRIER WITH DOUBLE-SIDED TYPE C CRYSTAL MARKERS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
- TYPE III BARRICADE



MATCHLINE STATION 72+00

MATCHLINE STA 58+00



*MUST BE REMOVED IF FLAGGER OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

USER NAME = nschilling	DESIGNED - ACN	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

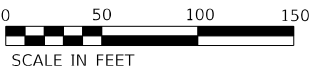
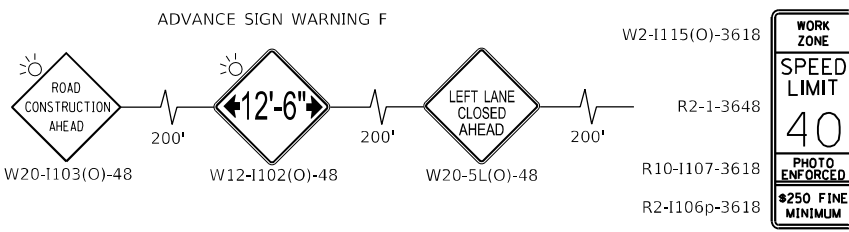
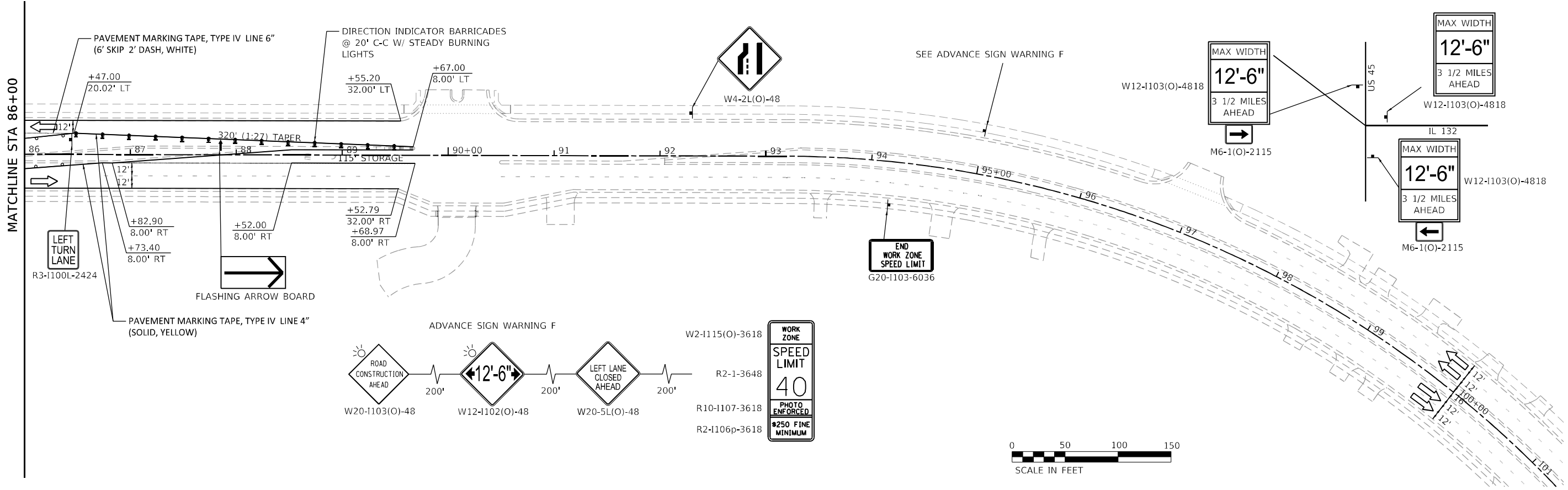
**STAGE 3 CONSTRUCTION TRAFFIC CONTROL PLAN
IL ROUTE 132 – GRAND AVENUE**

SCALE: 1" = 50' SHEET 8 OF 9 SHEETS STA. 58+00.00 TO STA. 86+00.00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 53
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

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MAINTENANCE OF TRAFFIC LEGEND:

- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC
- CONSTRUCTION SIGN
- DRUMS @ 50' CENTERS (20' CTRS. ALONG TAPERS)
- TEMPORARY CONCRETE BARRIER WITH DOUBLE-SIDED TYPE C CRYSTAL MARKERS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
- TYPE III BARRICADE

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PLOT DATE = 5/3/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGE 3 CONSTRUCTION TRAFFIC CONTROL PLAN
 IL ROUTE 132 - GRAND AVENUE**

SCALE: 1" = 50' SHEET 9 OF 9 SHEETS STA. 86+00.00 TO STA. 100+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	54
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. THE CONTRACTOR AND ENGINEER MUST INSPECT DISTURBED AREAS, OUTSIDE STORAGE AREAS, AND EROSION AND SEDIMENT CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 0.5 INCHES OR MORE OR EQUIVALENT SNOWFALL.
2. EROSION AND SEDIMENT CONTROL SHALL BE PERFORMED ACCORDING TO ILLINOIS URBAN MANUAL (IUM), ILLINOIS AND AS SHOWN ON PLANS. FOR DETAILS OF TREE PROTECTION AND STABILIZED CONSTRUCTION ENTRANCE SEE DETAILS IUM-690-A AND IUM-630.
3. SHOULD IT BE NECESSARY TO REMOVE ANY EROSION CONTROL DEVICES FOR CONSTRUCTION REASONS, THE CONTRACTOR SHALL FIRST OBTAIN PERMISSION AND SHALL REPAIR OR REPLACE THE REMOVED DEVICES THE SAME DAY. THE COST OF REMOVING AND REPLACING THE DEVICE SHALL BE INCLUDED IN THE CONTRACT.
4. PERMANENT VEGETATIVE PLANTS SHALL BE USED ON ALL DISTURBED AREAS WHENEVER POSSIBLE WITHIN THE SAME DAY. WHEN PERMANENT LANDSCAPING IS NOT POSSIBLE TO BE PLACED WITHIN THE SAME DAY, TEMPORARY EROSION CONTROL SEEDING (ITEM 28000250) WILL BE USED WITH TEMPORARY EROSION CONTROL BLANKET (ITEM 28001100) TO STABILIZE DISTURBED AREAS BY THE END OF THE WORK DAY.
5. ALL TEMPORARY STOCKPILES SHALL HAVE TEMPORARY EROSION CONTROL SEEDING, TEMPORARY EROSION CONTROL BLANKET, AND PERIMETER EROSION BARRIER AT THE PERIMETER OF THE STOCKPILE. STOCKPILES SHALL BE LOCATED AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER.
6. CONTRACTOR SHALL SUBMIT A DETAILED DUST CONTROL PLAN IN ACCORDANCE WITH ILLINOIS URBAN MANUAL. COST INCURRED FRO DUST CONTROL SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE AT OR BELOW THE NORMAL WATER ELEVATION. WORK IN OR NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS. SEE ADDITIONAL IN-STREAM OR STREAM SIDE NOTES ON THIS SHEET.
8. CONTRACTOR SHALL NOT ENTER ANY WETLAND AND WATERS OF THE UNITED STATES (WOUS) AREAS EXCEPT THOSE AREAS IDENTIFIED IN THE CONTRACT PLANS. WHERE WORK IS IDENTIFIED WITHIN THESE AREAS, ALL MATERIALS AND EQUIPMENT SHALL NOT ENTER THE CONSTRUCTION AREA UNTIL IT IS ISOLATED AND DEWATERED. ALL MATERIALS AND EQUIPMENT SHALL BE MOVED OUTSIDE THE WETLAND AND WATERS OF THE UNITED STATES BOUNDARIES IMMEDIATELY FOLLOWING COMPLETION OF THE CONSTRUCTION ACTIVITY.
9. DURING DEWATERING OF THE COFFERED WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED TO REMOVE SEDIMENT.
10. ADDITIONAL QUANTITIES HAVE BEEN PROVIDED FOR USE AS DIRECTED BY THE ENGINEER WHEN TEMPORARY SEEDING AND MULCHING ARE FOUND TO BE INADEQUATE FOR SEDIMENT CONTROL.
11. 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 PLAN (ESC) FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 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.

TEMPORARY EROSION CONTROL SEQUENCE OF CONSTRUCTION

THE FOLLOWING EROSION CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO CLEARING AND GRADING.

1. ERECT PERIMETER EROSION BARRIERS AS SHOWN ON THE EROSION CONTROL PLANS. INSTALL PERIMETER EROSION BARRIER FOR THE PROTECTION OF WETLANDS, WOUS AND OTHER SENSITIVE RECEPTORS WHERE NO INTRUSION IS TO OCCUR.
2. INSTALL INLET PIPE PROTECTION AS SHOWN ON PLAN AND AS DIRECTED BY THE ENGINEER.
3. INSTALL TREE PROTECTION TO THE TREES AS REQUIRED AND AS DIRECTED BY THE ENGINEER.

THE FOLLOWING EROSION CONTROL MEASURES ARE TO TAKE PLACE PRIOR TO MASS EARTHWORK.

1. INSTALL CULVERT INLET PROTECTION AT OUTLET LOCATIONS WHERE EXISTING DITCH OUTLETS TO A CULVERT OR WATERS OF U.S.

THE FOLLOWING EROSION CONTROL MEASURES SHALL BE PROVIDED DURING CONSTRUCTION OF THE EMBANKMENTS AND STORM SEWER.

1. INSTALL RECTANGULAR INLET AND PIPE PROTECTION AT ALL PROPOSED INLETS, CATCH BASINS AND UPSTREAM END OF CULVERTS IMMEDIATELY FOLLOWING CONSTRUCTION OF PROPOSED STORM SEWERS.

WITHIN 7 DAYS OF THE COMPLETION OF CLEARING OR GRADING OR WITHIN 14 DAYS OF LAST DISTURBANCE, THE FOLLOWING MEASURES SHALL BE ENFORCED.

1. PROVIDE TEMPORARY STABILIZATION WITH STRAW MULCH (MULCH METHOD 2) OVER DISTURBED AREAS WHERE NO FURTHER WORK IS TO OCCUR FOR 14 DAYS OR LONGER THAT CANNOT BE STABILIZED WITH PERMANENT VEGETATIVE MEASURES. THESE AREAS SHALL BE TREATED WITH PERMANENT VEGETATIVE COVER AT SOME FUTURE DATE.
2. PROVIDE PERMANENT SEEDING AND VEGETATION, AS SHOWN ON THE LANDSCAPING PLANS BEFORE REMOVAL OF THE TEMPORARY EROSION CONTROL MEASURES.

THE FOLLOWING MEASURES SHALL BE PROVIDED DURING THE CONTRACT ON AN AS NEEDED BASIS.

1. DUST CONTROL WATERING SHALL BE APPLIED TO CONTROL THE DUST RESULTING FROM CONSTRUCTION OPERATIONS.
2. STREET CLEANING AND SWEEPING SHALL BE PERFORMED ON EACH WORKDAY, AS REQUIRED AND DIRECTED AND APPROVED BY THE ENGINEER. COST FOR THIS WORK WILL BE INCIDENTAL TO THE CONTRACT.

ESC NOTES

1. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTRUCTION TAB AT: (<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>).
2. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL 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 HR. 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. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES 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 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 WITH THE EXCEPTION OF COFFERDAMS WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) (IN-STREAM /WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.
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.

INSPECTION AND MAINTENANCE

1. PERIMETER EROSION BARRIER RECTANGULAR - BUILT UP SEDIMENT SHALL BE REMOVED FROM FENCES WHEN IT HAS REACHED ONE HALF THE HEIGHT OF THE FENCE. FENCES WILL BE INSPECTED FOR DEPTH OF SEDIMENT AND TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. REPAIR FENCES AND POSTS AS NECESSARY.
2. PERMANENT SEEDING AND MULCH - INSPECT SEEDED AREAS FOR BARE SPOTS, WASH OUTS, AND HEALTHY GROWTH, REPAIR BARE SPOTS AND WASHOUTS AS NECESSARY, PROVIDE MULCH FOR RE-SEEDED AREAS.
3. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE - INSPECT FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING. REMOVE SEDIMENT AS NECESSARY.

4. INLET PROTECTION - INSPECT FABRIC FOR TEARS AND REMOVE SEDIMENT WHEN FILTER IS ONE HALF FULL.
5. NEW CONTROL MEASURES NEEDED OR CONTROLS NEEDING MODIFICATION AS A RESULT OF INSPECTIONS SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS OF THE INSPECTION.
6. ALL CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE GENERAL CONTRACTOR OR SUBCONTRACTOR. IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED WITHIN 24 HOURS OF THE INSPECTION REPORT.

WATERS OF THE U.S.

1. ALL WETLANDS, WATERS OF THE U.S. AND OPEN WATER DETENTION FACILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL BY RESOURCE AND REGULATORY AGENCIES. THOSE AGENCIES INCLUDE, BUT ARE NOT LIMITED TO THE ARMY CORPS OF ENGINEERS, THE ENVIRONMENTAL PROTECTION AGENCY, THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES AND McHENRY LAKE COUNTY SOIL AND WATER CONSERVATION DISTRICT.
2. LOW GROUND-PRESSURE EQUIPMENT IS REQUIRED FOR WORK IN WETLANDS. HOWEVER, AFTER CAREFUL CONSIDERATION, IF THE DISTRICT ACCEPTS A PROPOSAL TO USE HEAVY EQUIPMENT TO ACCOMPLISH THE WORK, THE PLACEMENT OF TIMBER MATS OR OTHER PROTECTIVE MEASURES MUST BE UTILIZED TO MINIMIZE SOIL DISTURBANCE. LUMBER TO BE USED FOR TEMPORARY CONSTRUCTION ACTIVITIES MUST BE FREE OF ALL CHEMICAL TREATMENT.

IN-STREAM OR STREAMSIDE NOTES

WORK IN WATERWAY SHALL BE IN ACCORDANCE OF REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES OF U.S. ARMY CORPS OF ENGINEERS - CHICAGO DISTRICT.

1. NO WORK IN FLOWING WATER

NO EQUIPMENT SHALL ENTER FLOWING WATER. WORK IN AND NEAR THE ENVIRONMENTALLY SENSITIVE AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.
2. WORK IN AREAS CONTAINING CONCENTRATED FLOW I.E. WATERWAYS

PRIOR TO COMMENCEMENT OF ANY IN-STREAM WORK, THE CONTRACTOR SHALL SUBMIT CONSTRUCTION PLANS AND A DETAILED NARRATIVE TO THE ENGINEER THAT DISCLOSE THE CONTRACTOR'S PREFERRED METHOD OF COFFERDAM AND DEWATERING METHOD. IN-STREAM WORK MAY INCLUDE WETLANDS WITH STANDING WATER, AS NEEDED.

AN IN-STREAM WORK PLAN WITH THE WATERS OF THE U.S. MUST BE SUBMITTED TO THE USACE PRIOR TO CONSTRUCTION.

A PRE- ACTIVITY MEETING SHOULD OCCUR FOR ANY WORK IMPACTING A WATERWAY. THE MEETING WILL ADDRESS:

- A. A CONSTRUCTION SEQUENCE
 - B. DURING WORK ON THE (BANKS) SWALE/RIVER/STREAM/WETLAND. WORK MUST BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS.
 - C. CONCENTRATED FLOW MUST BE ISOLATED FROM THE WORK AREA USING A NON ERODIBLE COFFERDAM (STEEL SHEETS, AQUA BARRIERS, ETC.). EXACT MEANS AND METHODS SHOULD BE DISCUSSED DURING A SCHEDULED PRE- ACTIVITY MEETING.
 - D. IF BYPASS IS NECESSARY, THE INLET OF THE HOSE SHALL BE PLACED IN A SUMP PIT AND THE OUTLET PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW OR WETLAND.
 - E. DURING DEWATERING OF THE COFFERED WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED IN THE PLAN. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.
 - F. COFFERDAM REMOVAL WILL TAKE PLACE IN A MANNER TO MINIMIZE THE IMPACT TO THE EXISTING WATERWAY AND TO RESTORE THE WATERWAY TO PRE- CONSTRUCTION CONDITIONS.
 - G. DISTURBED SIDE SLOPES MUST BE RE- SEEDED AND STABILIZED WITH AN APPROPRIATE EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS. THE BOTTOM OF THE SWALE MUST BE BROUGHT BACK TO ITS ORIGINAL GRADE AND STABLE ENOUGH TO ACCEPT FLOWS.
3. ALL WORK RELATED TO THE COMPLIANCE OF THE CONDITIONS HEREIN, INCLUDING THE IN STREAM WORK PLAN, EROSION CONTROL MEASURES, DEWATERING, ETC. WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED CONTRACT WORK.
 4. THE PLAN MUST BE DESIGNED TO ALLOW FOR THE CONVEYANCE OF THE 2-YEAR PEAK FLOW PAST THE WORK AREA WITHOUT OVERTOPPING THE COFFERDAM. THE CORPS HAS THE DISCRETION TO REDUCE THIS REQUIREMENT IF DOCUMENTED BY THE APPLICANT TO BE INFESIBLE OR UNNECESSARY.

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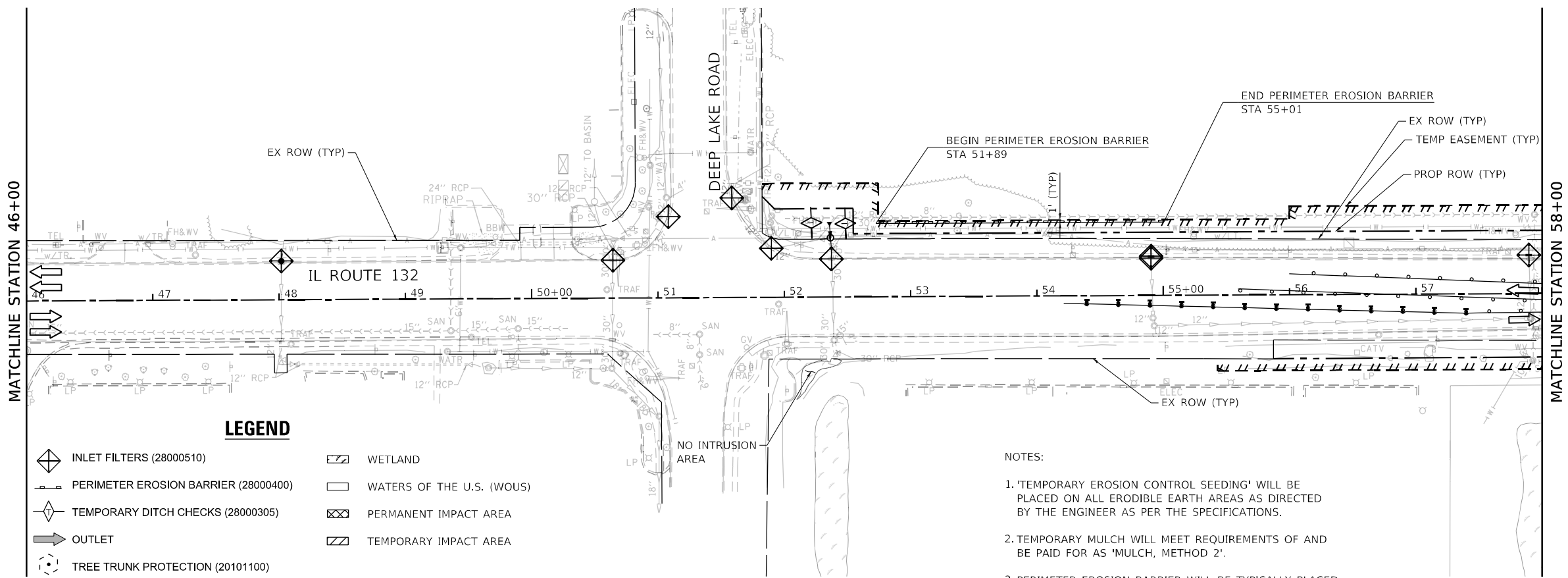
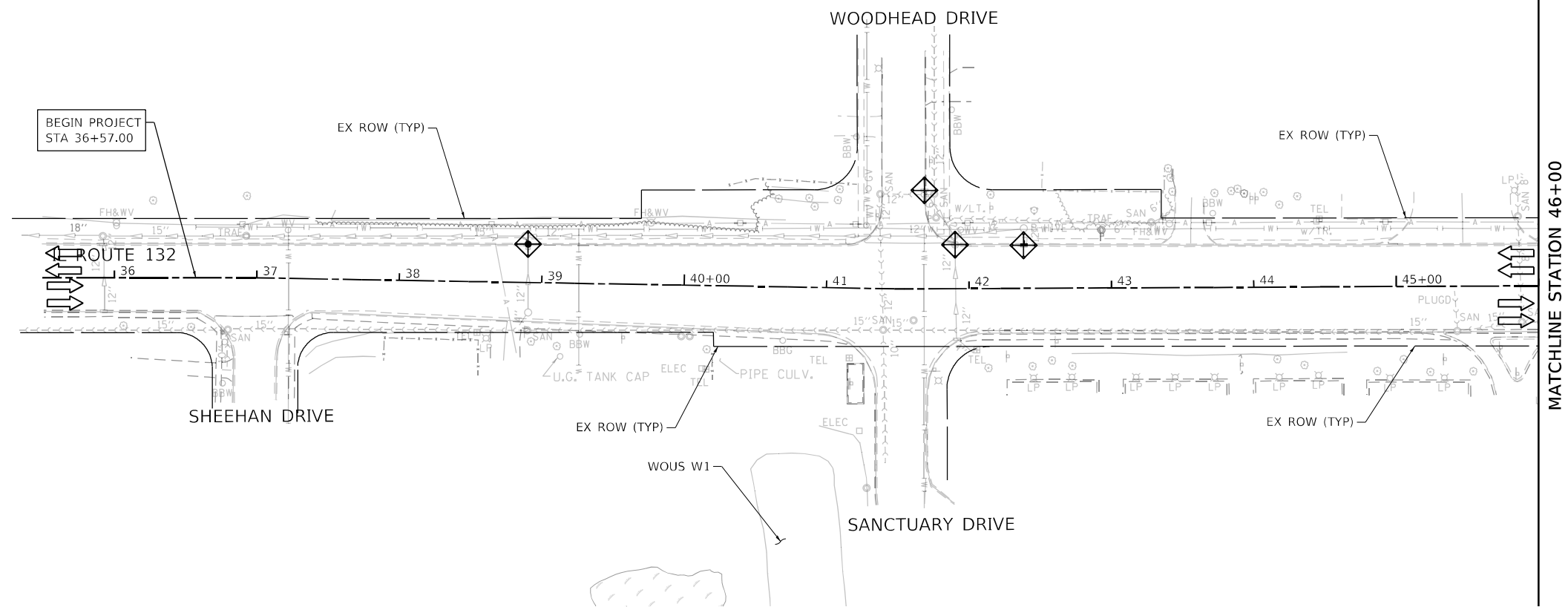
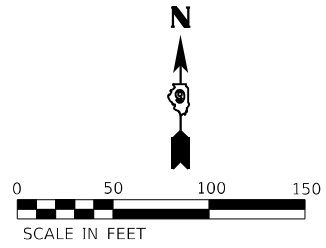
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL
GENERAL NOTES AND SCHEDULE**

SCALE: 1" = 50' SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	55
				CONTRACT NO. 62DB8
		ILLINOIS	FED. AID PROJECT	



LEGEND

- | | | | |
|--|--------------------------------------|--|---------------------------|
| | INLET FILTERS (28000510) | | WETLAND |
| | PERIMETER EROSION BARRIER (28000400) | | WATERS OF THE U.S. (WOUS) |
| | TEMPORARY DITCH CHECKS (28000305) | | PERMANENT IMPACT AREA |
| | OUTLET | | TEMPORARY IMPACT AREA |
| | TREE TRUNK PROTECTION (20101100) | | |

NOTES:

1. 'TEMPORARY EROSION CONTROL SEEDING' WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS 'MULCH, METHOD 2'.
3. PERIMETER EROSION BARRIER WILL BE TYPICALLY PLACED 1' AWAY FROM TEMP EASEMENT.

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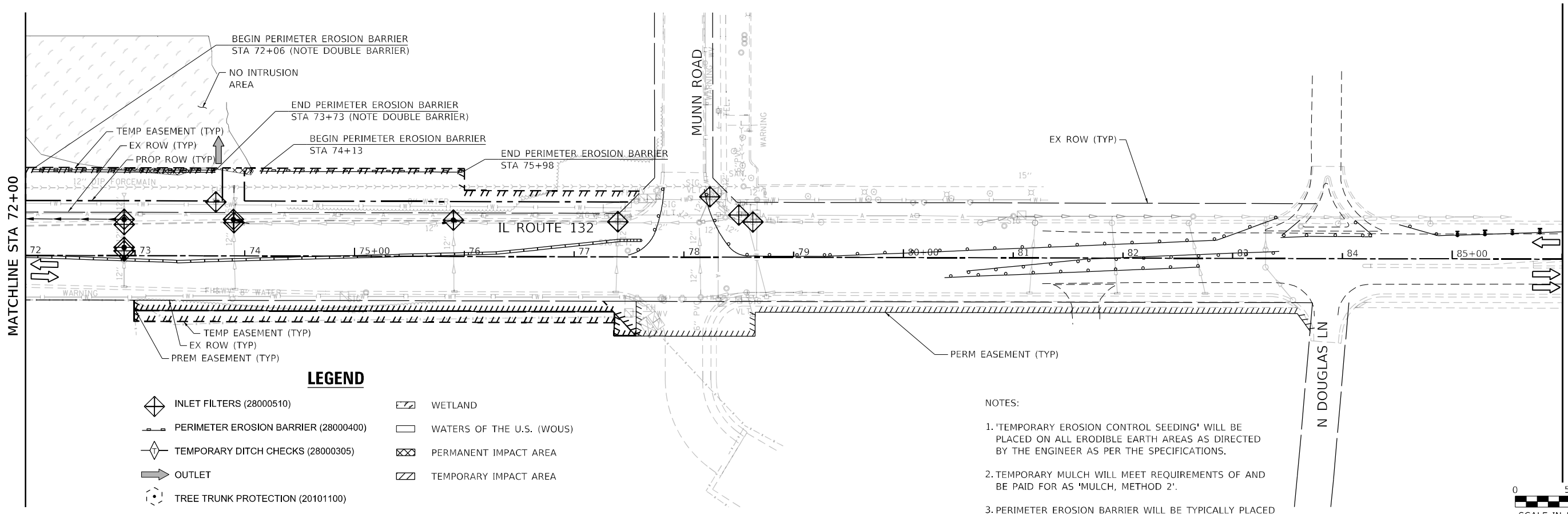
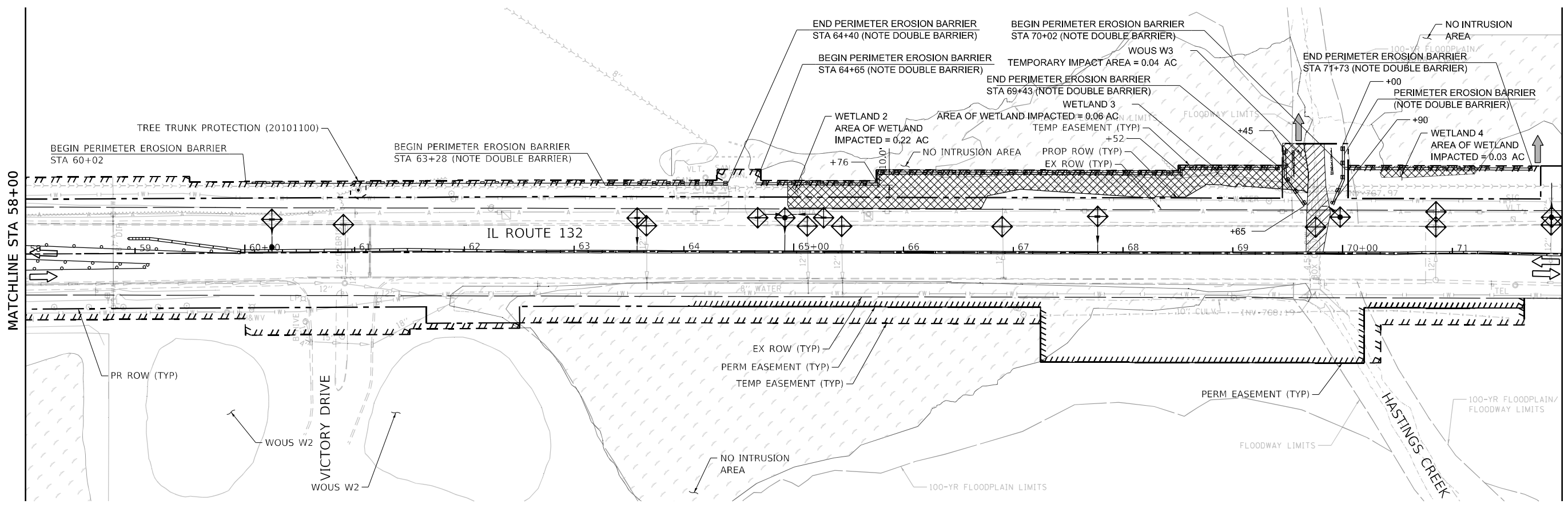
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRAND AVENUE (ILLINOIS ROUTE 132)
EROSION CONTROL PLAN STAGE 1**

SCALE: 1" = 50' SHEET 2 OF 10 SHEETS STA. 35+00 TO STA. 58+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	56
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

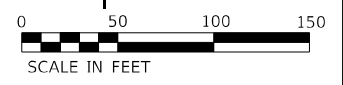


LEGEND

- INLET FILTERS (28000510)
- PERIMETER EROSION BARRIER (28000400)
- TEMPORARY DITCH CHECKS (28000305)
- OUTLET
- TREE TRUNK PROTECTION (20101100)
- WETLAND
- WATERS OF THE U.S. (WOUS)
- PERMANENT IMPACT AREA
- TEMPORARY IMPACT AREA

NOTES:

1. 'TEMPORARY EROSION CONTROL SEEDING' WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS 'MULCH, METHOD 2'.
3. PERIMETER EROSION BARRIER WILL BE TYPICALLY PLACED 1' AWAY FROM TEMP EASEMENT.



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GRAND AVENUE (ILLINOIS ROUTE 132)
 EROSION CONTROL PLAN STAGE 1**

SCALE: 1" = 50' SHEET 3 OF 10 SHEETS STA. 58+00 TO STA. 86+00

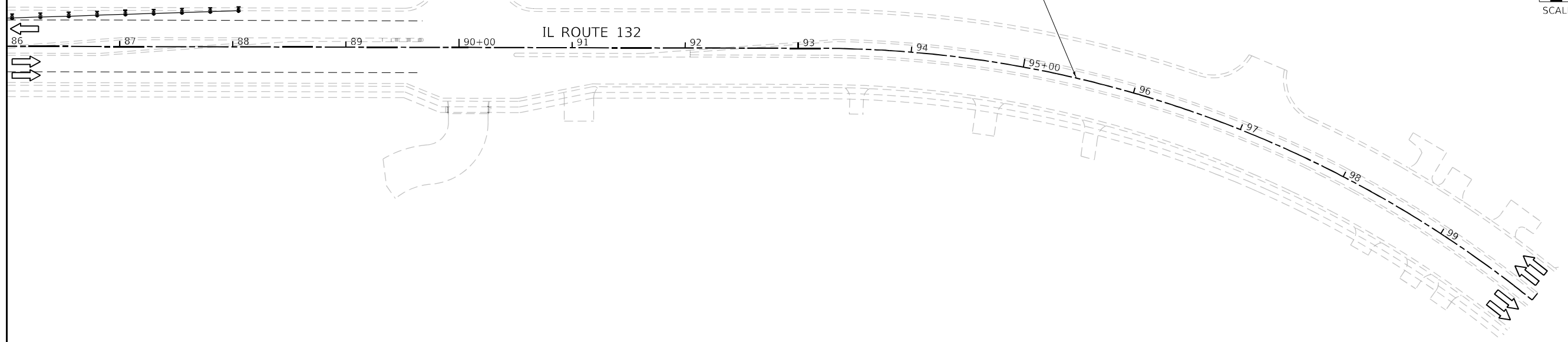
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CONTRACT NO. 62DB86				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 86+00










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NOTE - NO WORK ON THIS SHEET

LEGEND

-  INLET FILTERS (28000510)
-  PERIMETER EROSION BARRIER (28000400)
-  TEMPORARY DITCH CHECKS (28000305)
-  OUTLET
-  TREE TRUNK PROTECTION (20101100)
-  WETLAND
-  WATERS OF THE U.S. (WOUS)
-  PERMANENT IMPACT AREA
-  TEMPORARY IMPACT AREA

NOTES:

1. 'TEMPORARY EROSION CONTROL SEEDING' WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS 'MULCH, METHOD 2'.
3. PERIMETER EROSION BARRIER WILL BE TYPICALLY PLACED 1' AWAY FROM TEMP EASEMENT.

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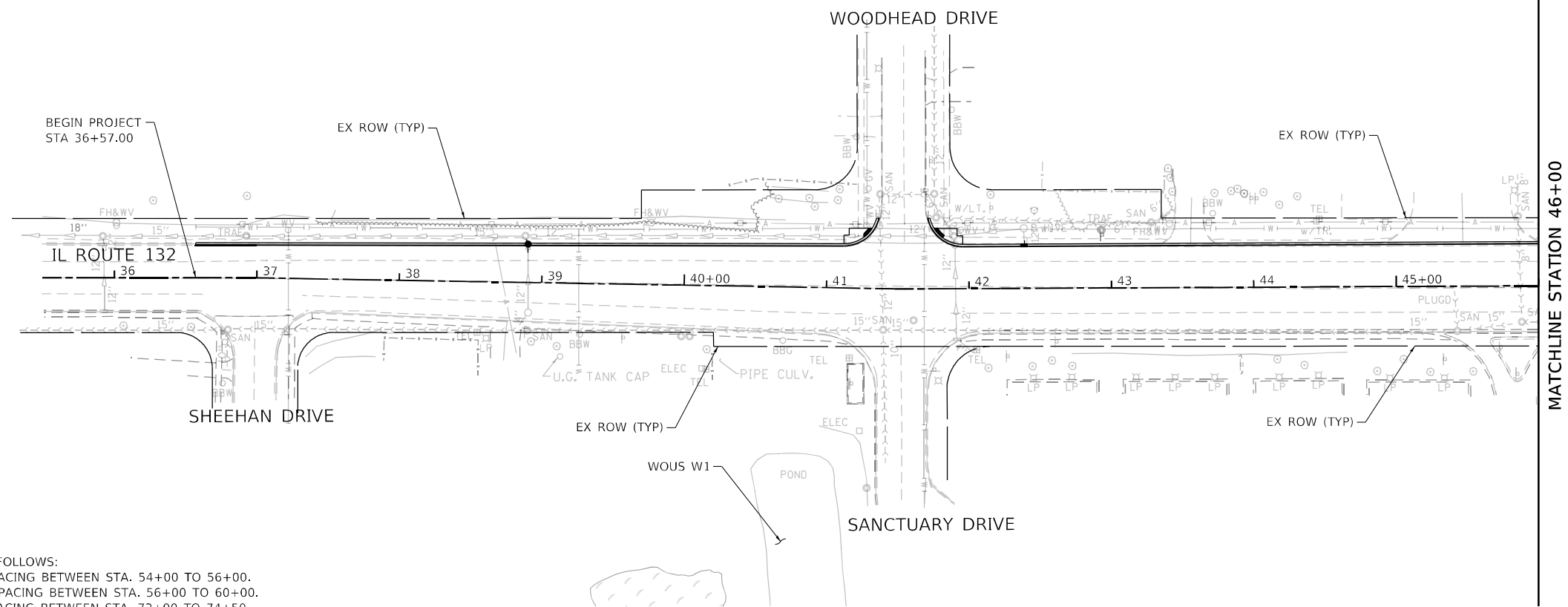
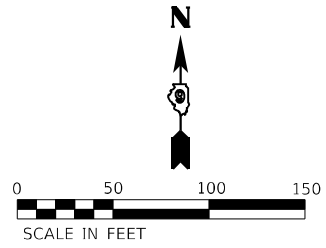
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRAND AVENUE (ILLINOIS ROUTE 132)
EROSION CONTROL PLAN STAGE 1**

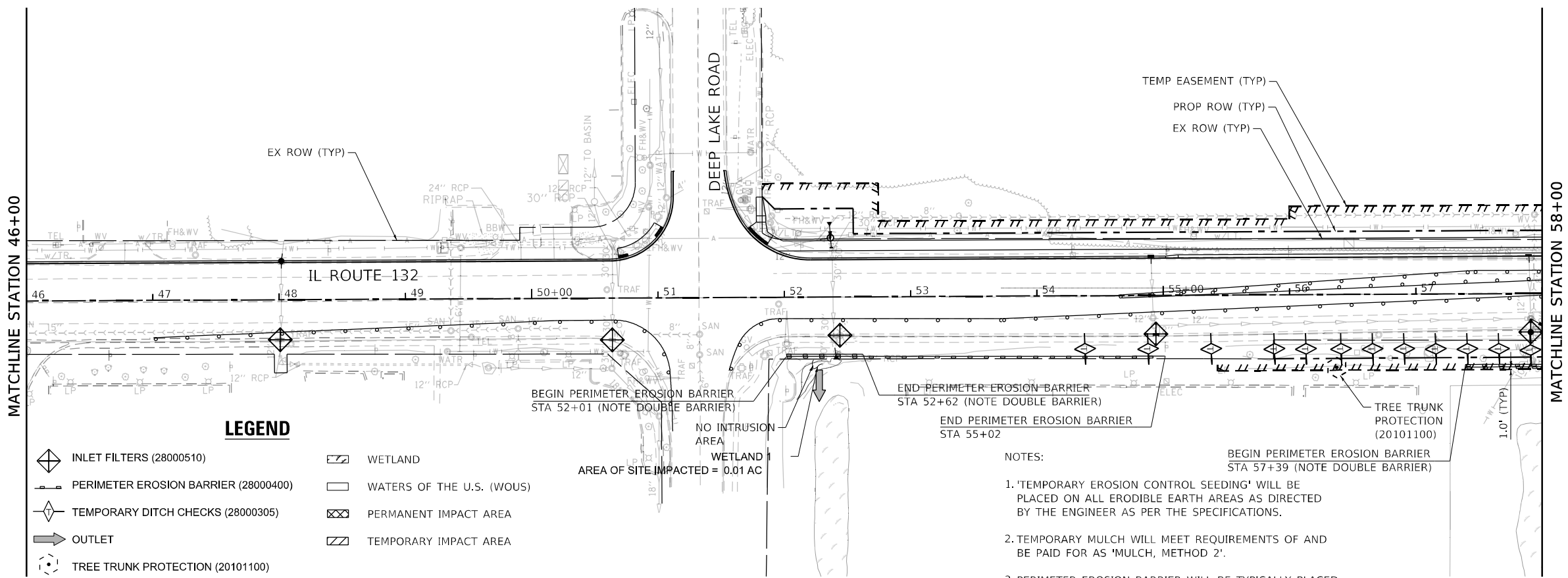
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CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50' SHEET 4 OF 10 SHEETS STA. 86+00 TO STA. 100+00



NOTE:

- 1) TEMPORARY DITCH CHECKS TO BE PLACED AS FOLLOWS:
 - a) 4 TEMPORARY DITCH CHECKS @ 50 FEET SPACING BETWEEN STA. 54+00 TO 56+00.
 - b) 16 TEMPORARY DITCH CHECKS @ 25 FEET SPACING BETWEEN STA. 56+00 TO 60+00.
 - c) 3 TEMPORARY DITCH CHECKS @ 50 FEET SPACING BETWEEN STA. 73+00 TO 74+50.



LEGEND

- | | |
|--------------------------------------|---------------------------|
| INLET FILTERS (28000510) | WETLAND |
| PERIMETER EROSION BARRIER (28000400) | WATERS OF THE U.S. (WOUS) |
| TEMPORARY DITCH CHECKS (28000305) | PERMANENT IMPACT AREA |
| OUTLET | TEMPORARY IMPACT AREA |
| TREE TRUNK PROTECTION (20101100) | |

NOTES:

1. 'TEMPORARY EROSION CONTROL SEEDING' WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS 'MULCH, METHOD 2'.
3. PERIMETER EROSION BARRIER WILL BE TYPICALLY PLACED 1' AWAY FROM TEMP EASEMENT.

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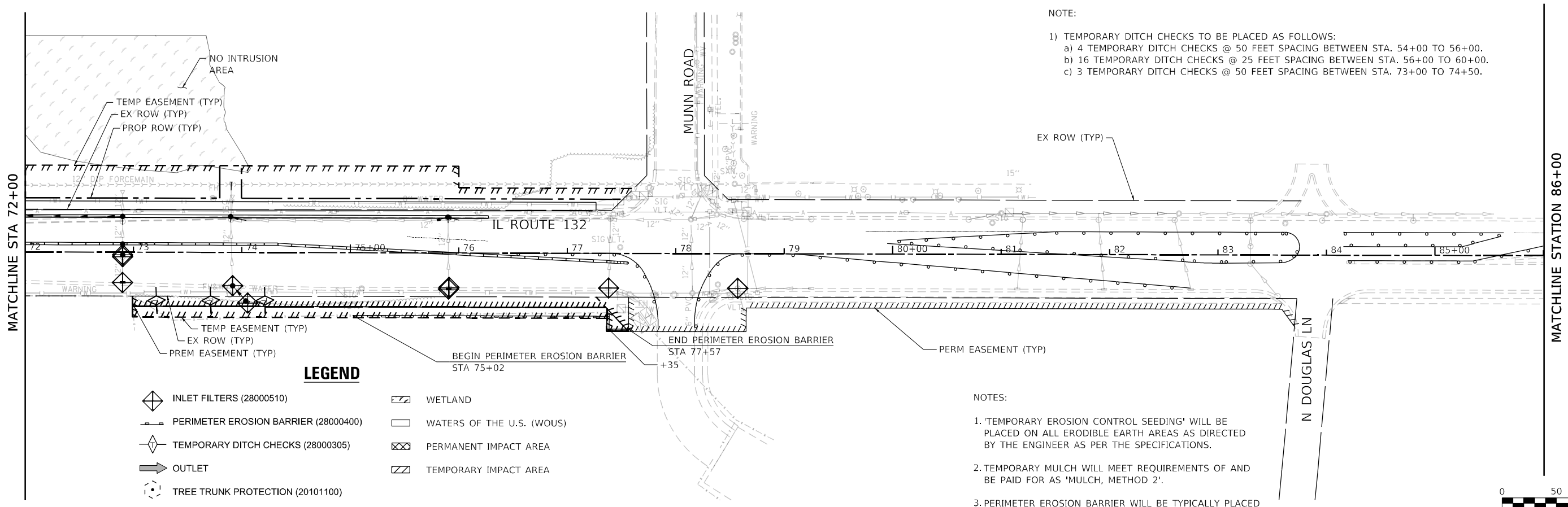
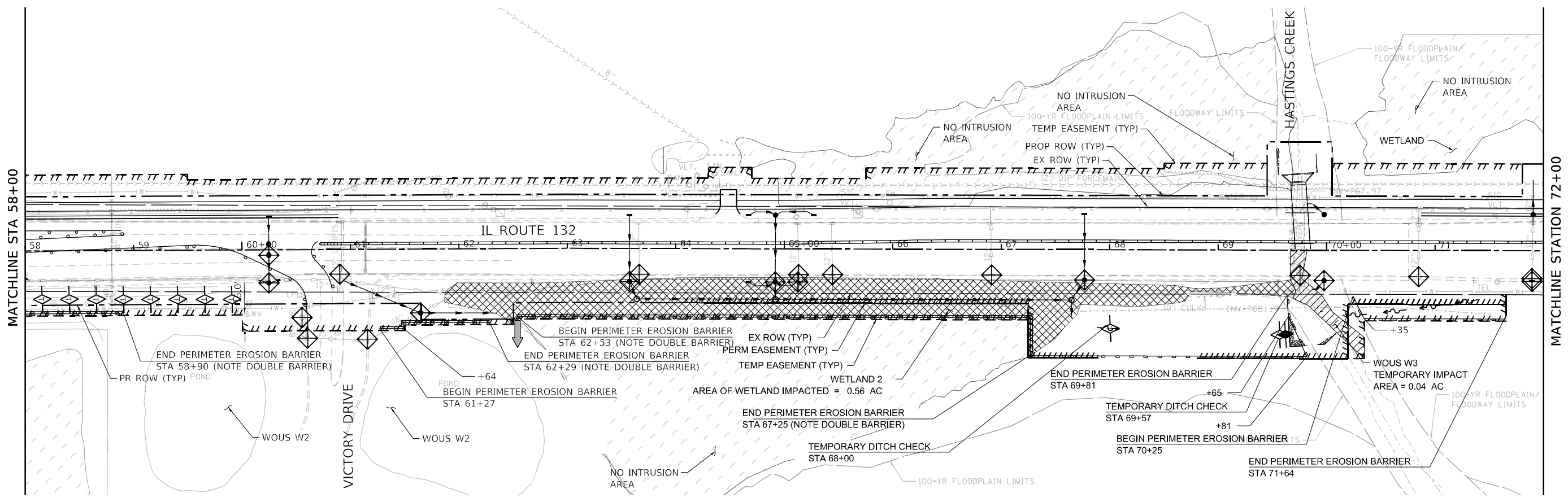
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GRAND AVENUE (ILLINOIS ROUTE 132)
 EROSION CONTROL PLAN STAGE 2**

SCALE: 1" = 50' SHEET 5 OF 10 SHEETS STA. 35+00 TO STA. 58+00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 59
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

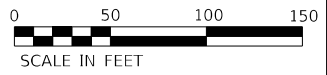


- NOTE:
- 1) TEMPORARY DITCH CHECKS TO BE PLACED AS FOLLOWS:
 - a) 4 TEMPORARY DITCH CHECKS @ 50 FEET SPACING BETWEEN STA. 54+00 TO 56+00.
 - b) 16 TEMPORARY DITCH CHECKS @ 25 FEET SPACING BETWEEN STA. 56+00 TO 60+00.
 - c) 3 TEMPORARY DITCH CHECKS @ 50 FEET SPACING BETWEEN STA. 73+00 TO 74+50.

LEGEND

- | | |
|--------------------------------------|---------------------------|
| INLET FILTERS (28000510) | WETLAND |
| PERIMETER EROSION BARRIER (28000400) | WATERS OF THE U.S. (WOUS) |
| TEMPORARY DITCH CHECKS (28000305) | PERMANENT IMPACT AREA |
| OUTLET | TEMPORARY IMPACT AREA |
| TREE TRUNK PROTECTION (20101100) | |

- NOTES:
1. 'TEMPORARY EROSION CONTROL SEEDING' WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
 2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS 'MULCH, METHOD 2'.
 3. PERIMETER EROSION BARRIER WILL BE TYPICALLY PLACED 1' AWAY FROM TEMP EASEMENT.



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

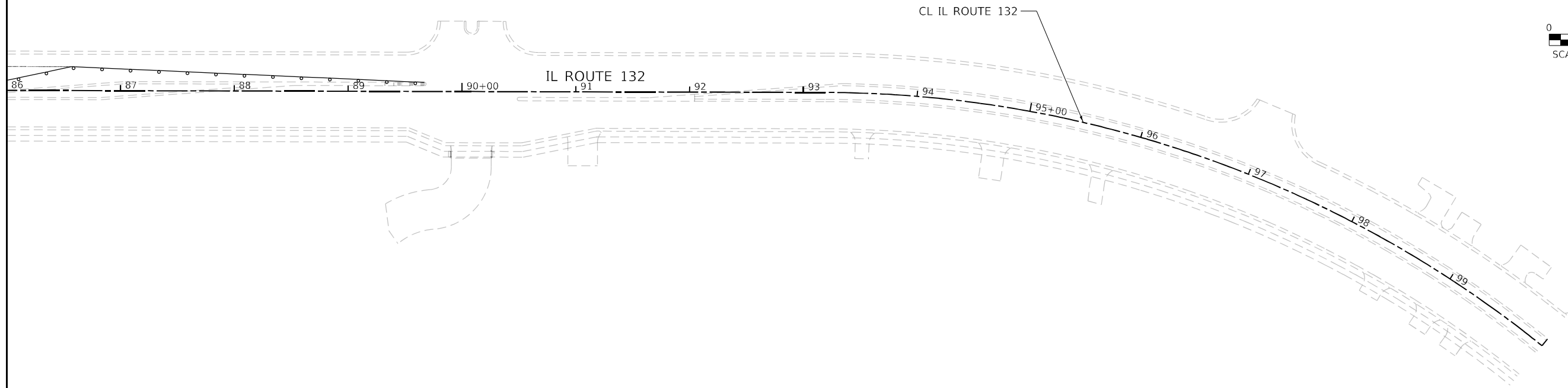
**GRAND AVENUE (ILLINOIS ROUTE 132)
 EROSION CONTROL PLAN STAGE 2**

SCALE: 1" = 50' SHEET 6 OF 10 SHEETS STA. 58+00 TO STA. 86+00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 60
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				












MATCHLINE STA 86+00



NOTE - NO WORK ON THIS SHEET

LEGEND

-  INLET FILTERS (28000510)
-  PERIMETER EROSION BARRIER (28000400)
-  TEMPORARY DITCH CHECKS (28000305)
-  OUTLET
-  TREE TRUNK PROTECTION (20101100)
-  WETLAND
-  WATERS OF THE U.S. (WOUS)
-  PERMANENT IMPACT AREA
-  TEMPORARY IMPACT AREA

NOTES:

1. 'TEMPORARY EROSION CONTROL SEEDING' WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS 'MULCH, METHOD 2'.
3. PERIMETER EROSION BARRIER WILL BE TYPICALLY PLACED 1' AWAY FROM TEMP EASEMENT.

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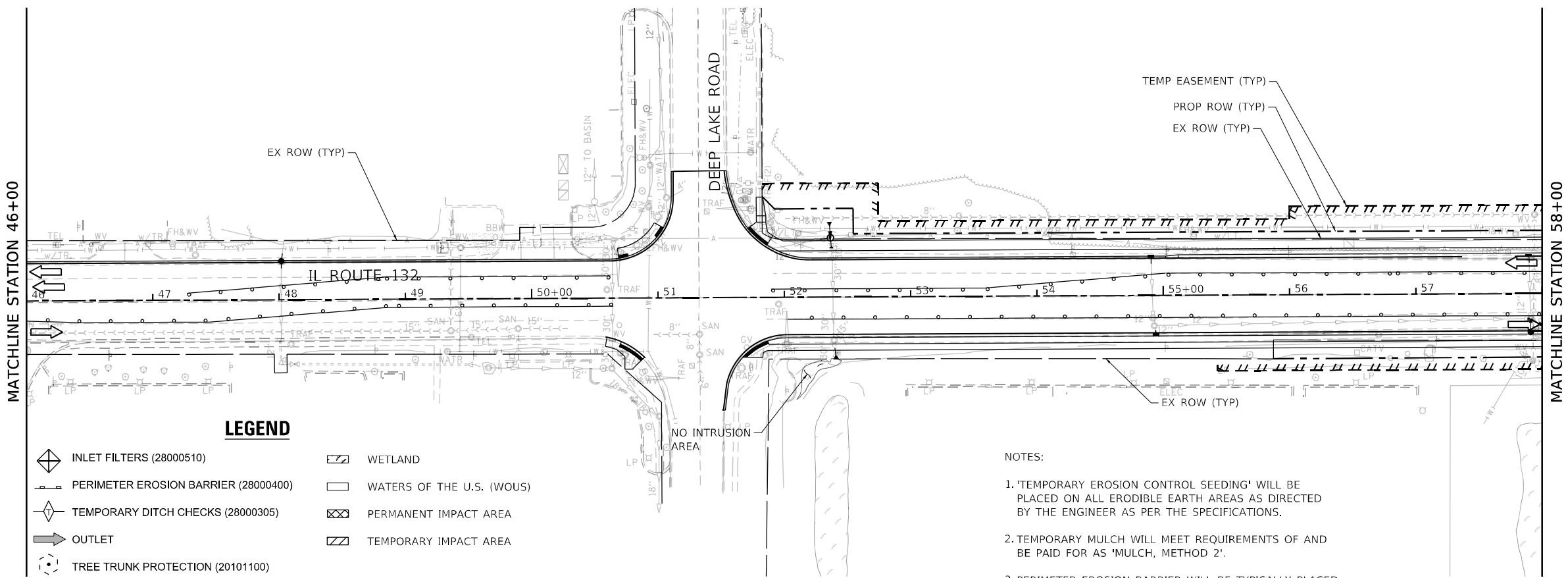
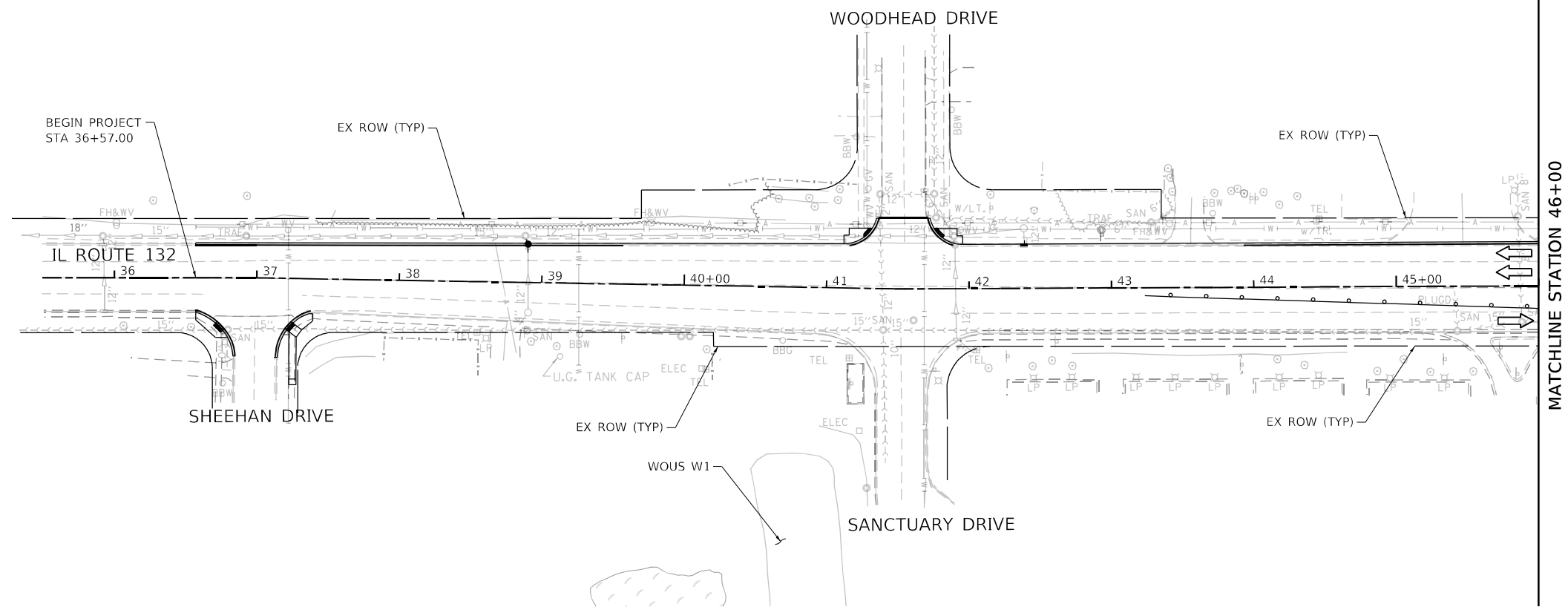
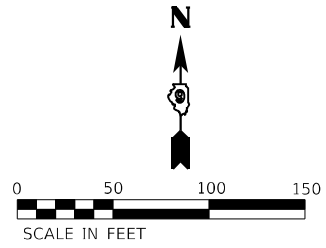
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRAND AVENUE (ILLINOIS ROUTE 132)
EROSION CONTROL PLAN STAGE 2**

SCALE: 1" = 50' SHEET 7 OF 10 SHEETS STA. 86+00 TO STA. 100+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	61
CONTRACT NO. 62DB6			ILLINOIS FED. AID PROJECT	



LEGEND

INLET FILTERS (28000510)	WETLAND
PERIMETER EROSION BARRIER (28000400)	WATERS OF THE U.S. (WOUS)
TEMPORARY DITCH CHECKS (28000305)	PERMANENT IMPACT AREA
OUTLET	TEMPORARY IMPACT AREA
TREE TRUNK PROTECTION (20101100)	

- NOTES:**
1. 'TEMPORARY EROSION CONTROL SEEDING' WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
 2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS 'MULCH, METHOD 2'.
 3. PERIMETER EROSION BARRIER WILL BE TYPICALLY PLACED 1' AWAY FROM TEMP EASEMENT.

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 Chicago, Illinois 60607

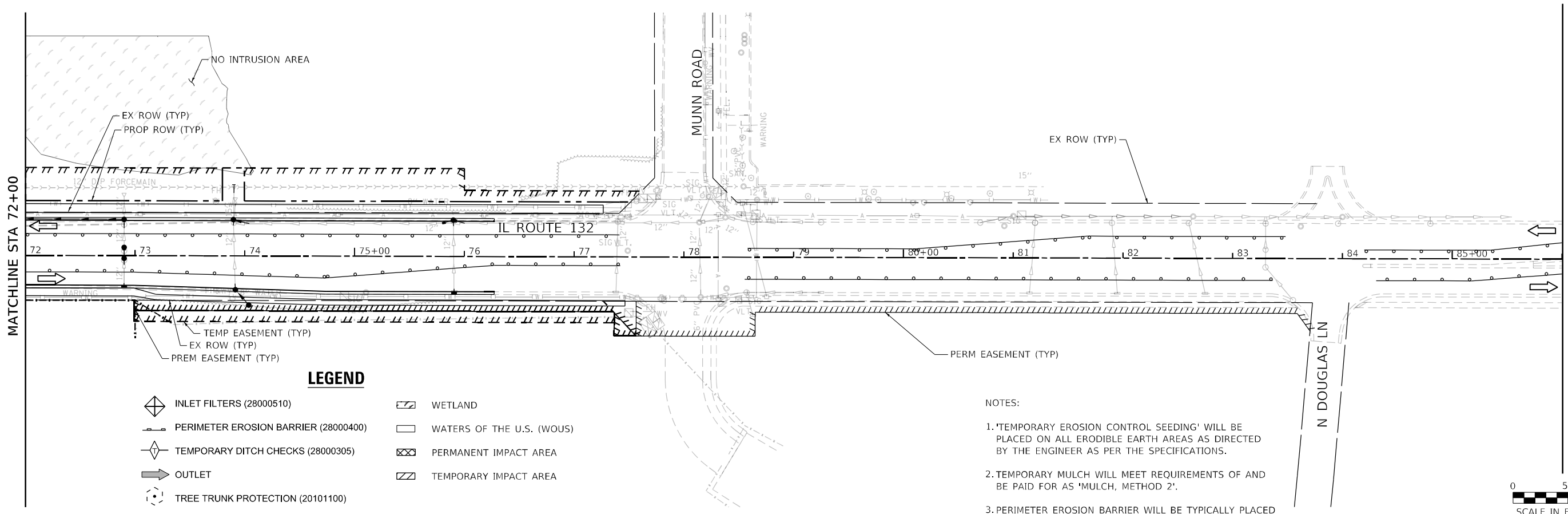
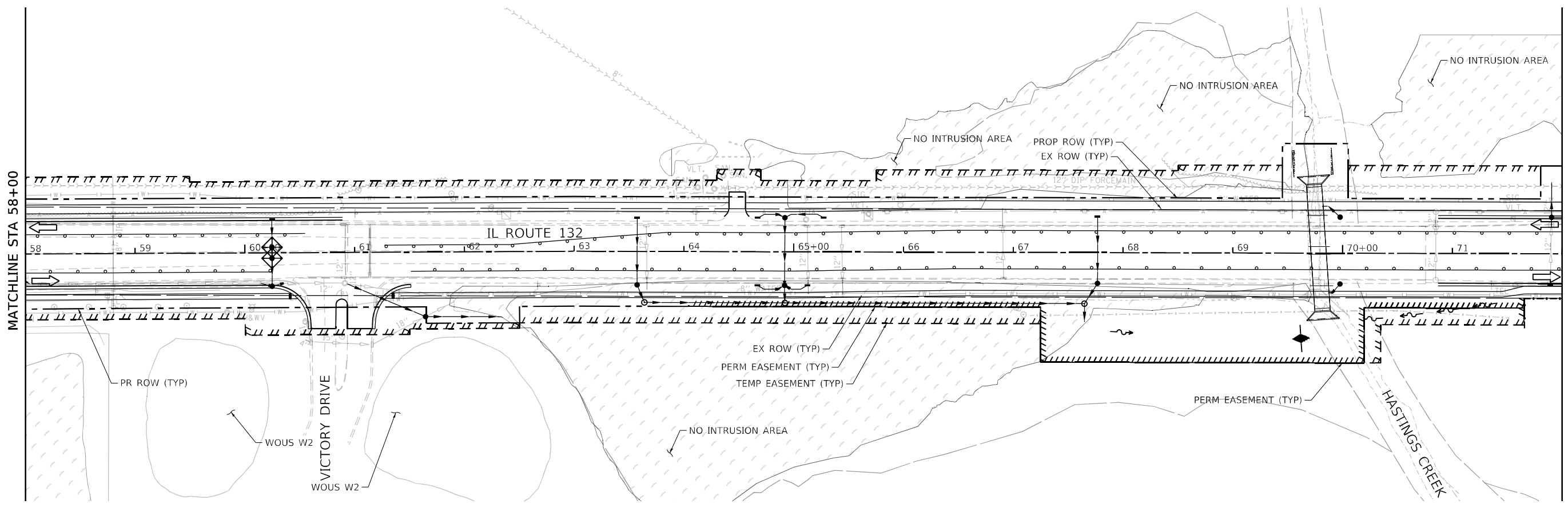
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRAND AVENUE (ILLINOIS ROUTE 132)
EROSION CONTROL PLAN STAGE 3

SCALE: 1" = 50' SHEET 8 OF 10 SHEETS STA. 35+00 TO STA. 58+00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 62
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				

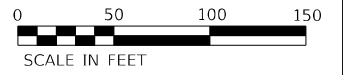


LEGEND

- | | |
|--------------------------------------|---------------------------|
| INLET FILTERS (28000510) | WETLAND |
| PERIMETER EROSION BARRIER (28000400) | WATERS OF THE U.S. (WOUS) |
| TEMPORARY DITCH CHECKS (28000305) | PERMANENT IMPACT AREA |
| OUTLET | TEMPORARY IMPACT AREA |
| TREE TRUNK PROTECTION (20101100) | |

NOTES:

1. 'TEMPORARY EROSION CONTROL SEEDING' WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS 'MULCH, METHOD 2'.
3. PERIMETER EROSION BARRIER WILL BE TYPICALLY PLACED 1' AWAY FROM TEMP EASEMENT.



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 USER: nschilling

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 411 South Wells Street Suite 1000
 Chicago, Illinois 60607

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

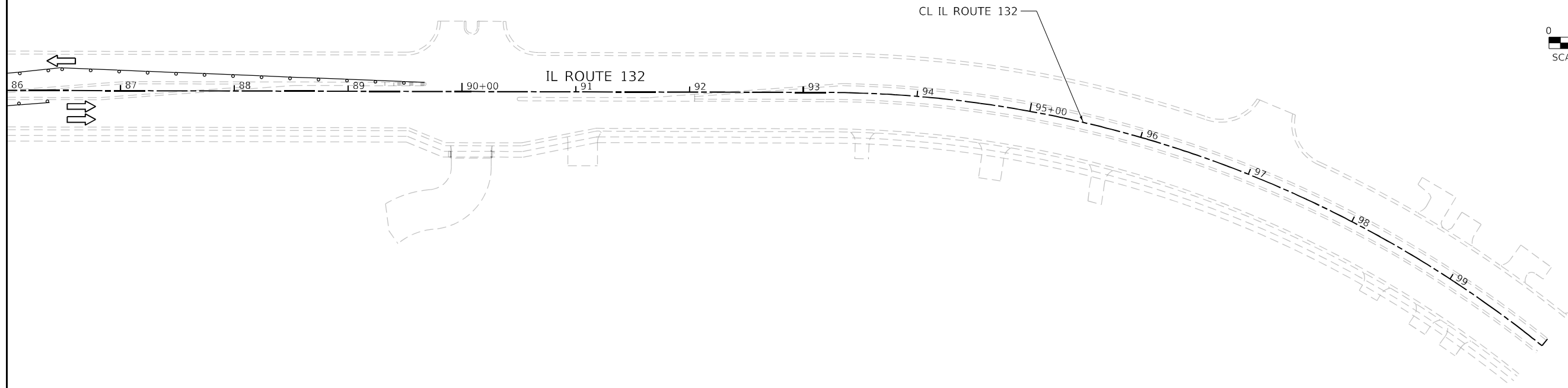
GRAND AVENUE (ILLINOIS ROUTE 132)
EROSION CONTROL PLAN STAGE 3

SCALE: 1" = 50' SHEET 9 OF 10 SHEETS STA. 58+00 TO STA. 86+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	63
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				












MATCHLINE STA 86+00



NOTE - NO WORK ON THIS SHEET

LEGEND

-  INLET FILTERS (28000510)
-  PERIMETER EROSION BARRIER (28000400)
-  TEMPORARY DITCH CHECKS (28000305)
-  OUTLET
-  TREE TRUNK PROTECTION (20101100)
-  WETLAND
-  WATERS OF THE U.S. (WOUS)
-  PERMANENT IMPACT AREA
-  TEMPORARY IMPACT AREA

NOTES:

1. 'TEMPORARY EROSION CONTROL SEEDING' WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS 'MULCH, METHOD 2'.
3. PERIMETER EROSION BARRIER WILL BE TYPICALLY PLACED 1' AWAY FROM TEMP EASEMENT.

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411 South Wells Street Suite 1000
Chicago, Illinois 60607

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRAND AVENUE (ILLINOIS ROUTE 132)
EROSION CONTROL PLAN STAGE 3**

SCALE: 1" = 50' SHEET 10 OF 10 SHEETS STA. 86+00 TO STA. 100+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	64
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	DATE	
	BY	
	NO.	
	NO.	
	NO.	

LEGEND

EXISTING / PROPOSED

SWALE: [Symbol] / [Symbol]

DITCH: [Symbol] / [Symbol]

RIPRAP APRON: [Symbol]

SUMMIT: [Symbol]

STORM SEWER: [Symbol] / [Symbol]

PIPE UNDERDRAIN, 4": [Symbol]

CATCH BASIN: [Symbol] / [Symbol]

INLET: [Symbol] / [Symbol]

MANHOLE: [Symbol] / [Symbol]

FLARED END SECTION: [Symbol]

ADJUST FRAME & GRATE: [A] / [A]

ADJUST FRAME & LID: [ADJ] / [ADJ]

ADJUST INLET WITH NEW FRAME AND GRATE: [R] / [R]

REMOVE STRUCTURE: [REL] / [REL]

RELOCATE STRUCTURE: [C] / [C]

CLEAN STRUCTURE: [Symbol]

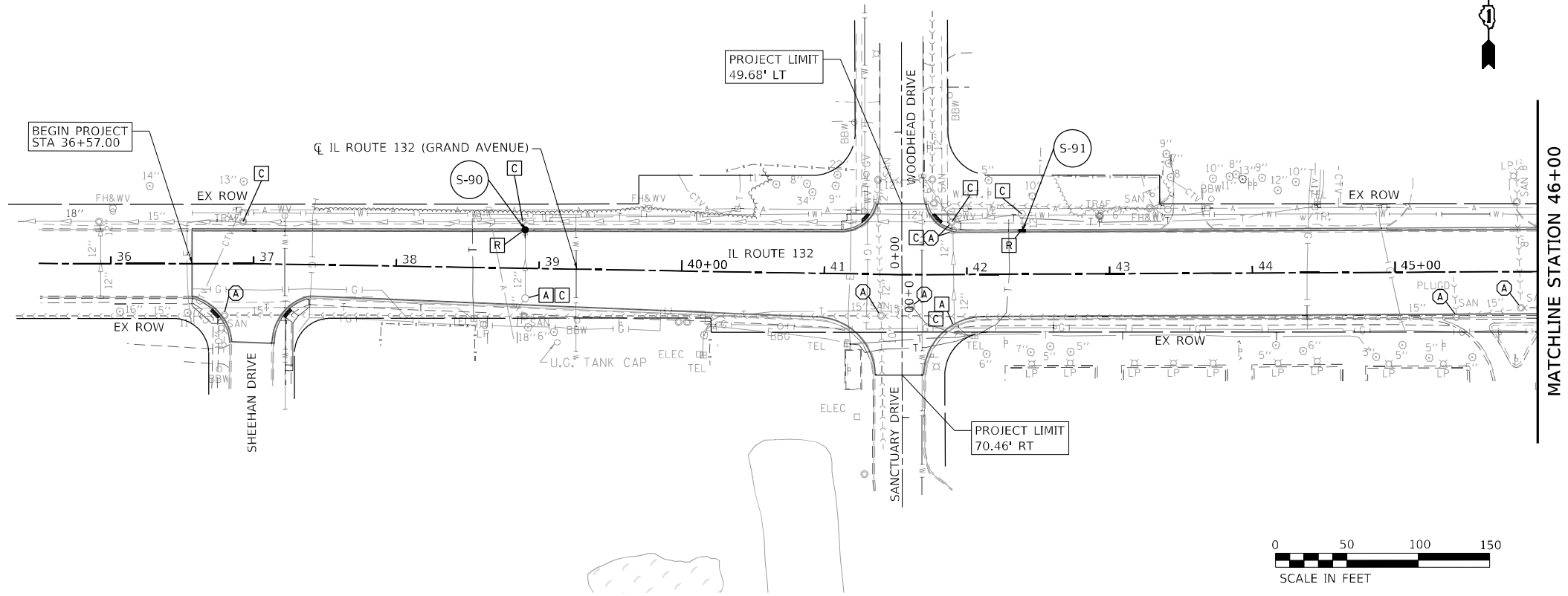
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ROCK CHECK DAM: [Symbol]

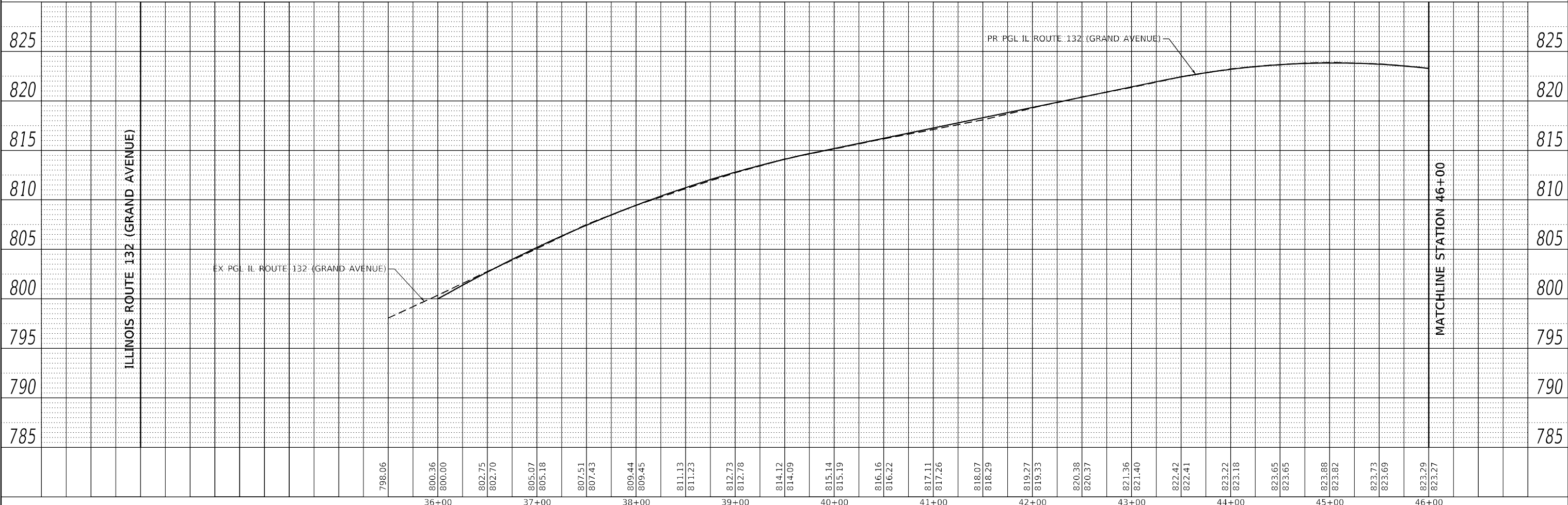
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PIPE ID: [P-1XX]

UNDERDRAIN ID: [U-1XX]



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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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	NO.	
	NO.	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 GRAND AVENUE
DRAINAGE AND UTILITY PLAN AND PROFILE**

SCALE: 1" = 50' SHEET 1 OF 6 SHEETS STA. 36+00.00 TO STA. 46+00.00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 65
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62DB6	

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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MATCHLINE STATION 46+00

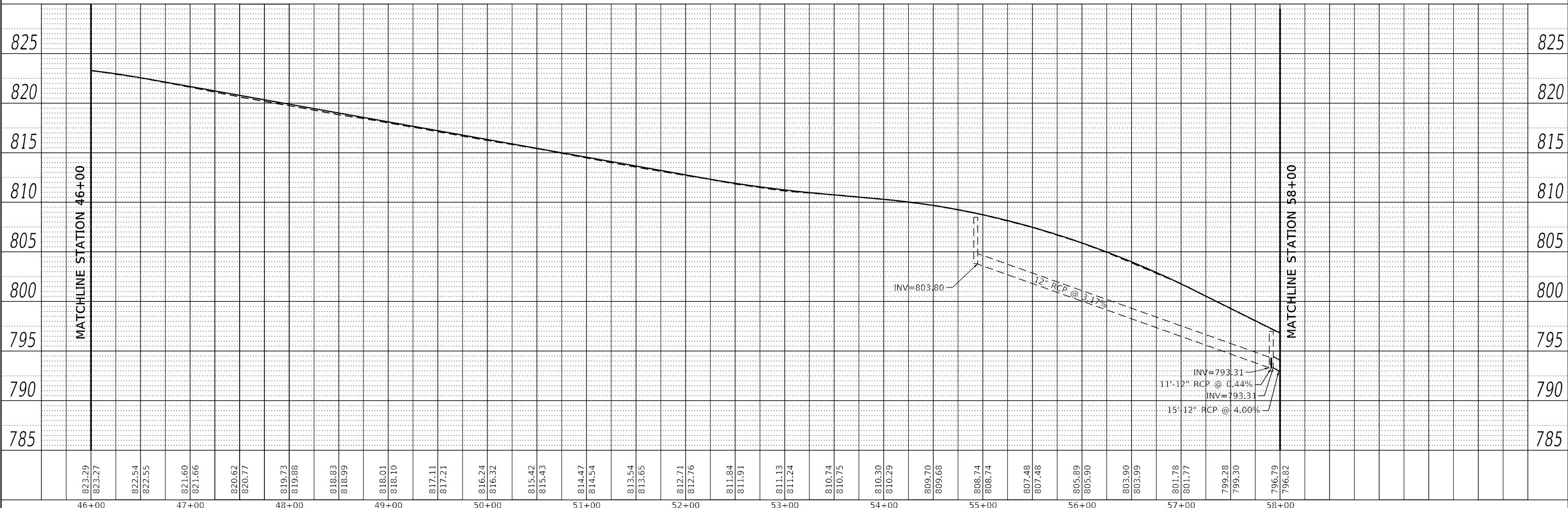
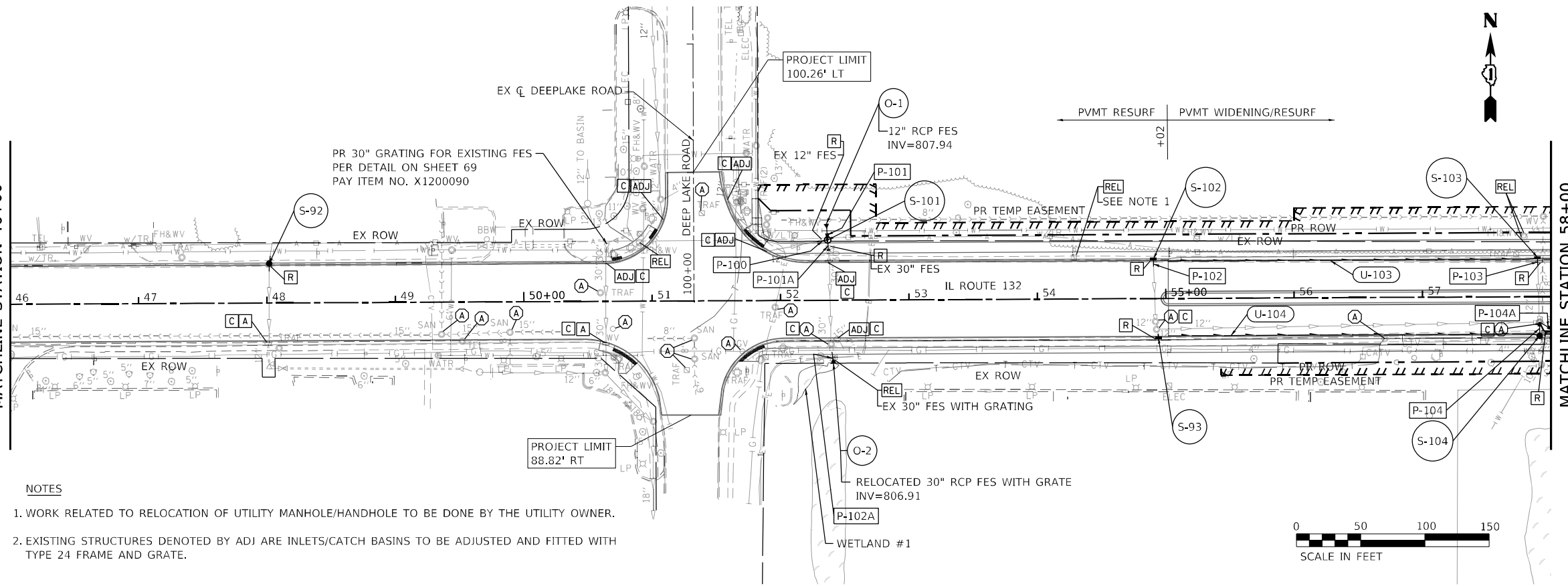
MATCHLINE STATION 46+00

MATCHLINE STATION 58+00

MATCHLINE STATION 58+00

NOTES

- WORK RELATED TO RELOCATION OF UTILITY MANHOLE/HANDHOLE TO BE DONE BY THE UTILITY OWNER.
- EXISTING STRUCTURES DENOTED BY ADJ ARE INLETS/CATCH BASINS TO BE ADJUSTED AND FITTED WITH TYPE 24 FRAME AND GRATE.



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	DATE - 3/30/21	REVISED -

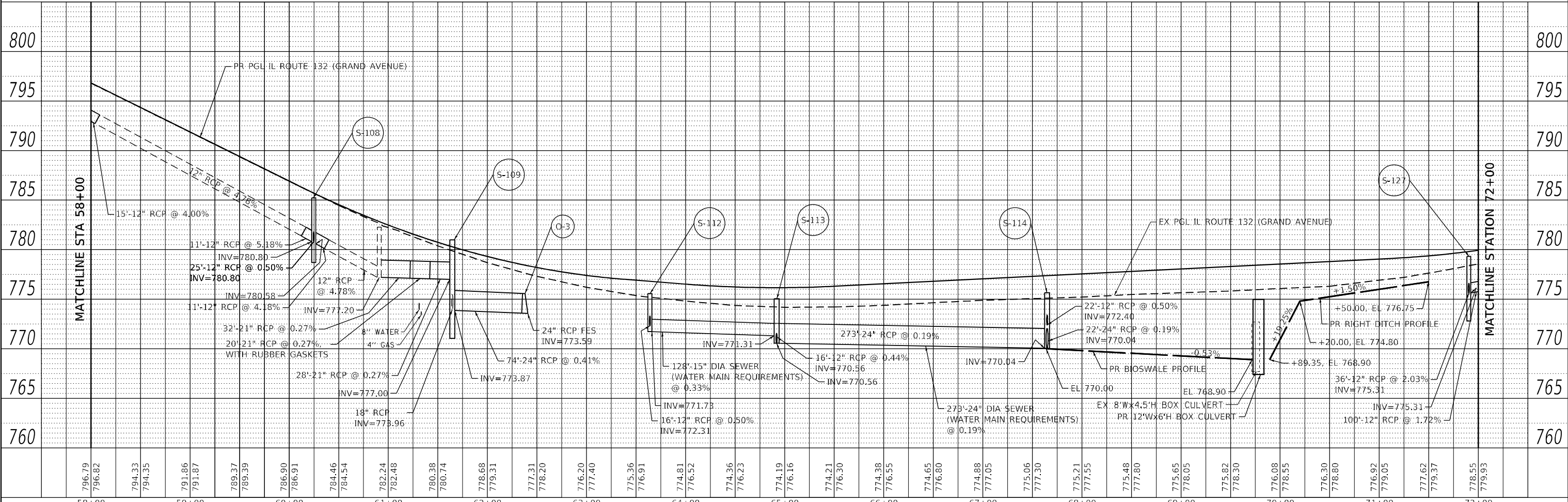
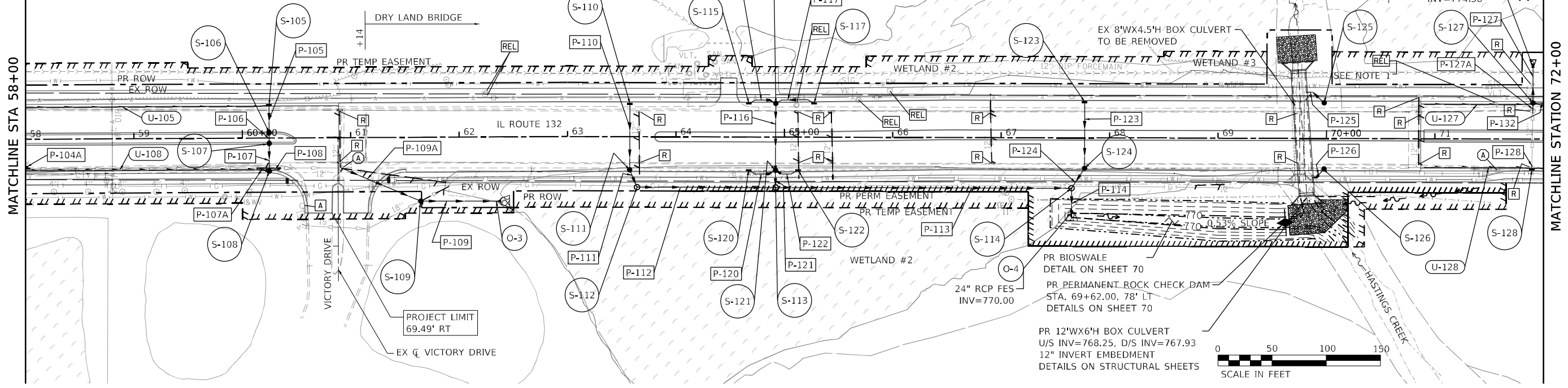
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 GRAND AVENUE
DRAINAGE AND UTILITY PLAN AND PROFILE**

SCALE: 1" = 50' SHEET 2 OF 6 SHEETS STA. 46+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	66
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				

- NOTES
1. WORK RELATED TO RELOCATION OF UTILITY MANHOLE/HANDHOLE TO BE DONE BY THE UTILITY OWNER.
 2. RIPRAP APRON DETAILS FOR OUTLETS O-3 TO O-6 ARE ON SHEET 69.



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PROFILE	SURVEYED	DATE
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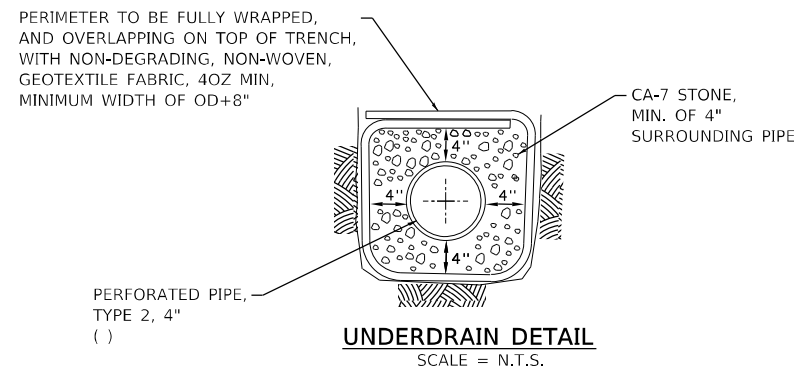
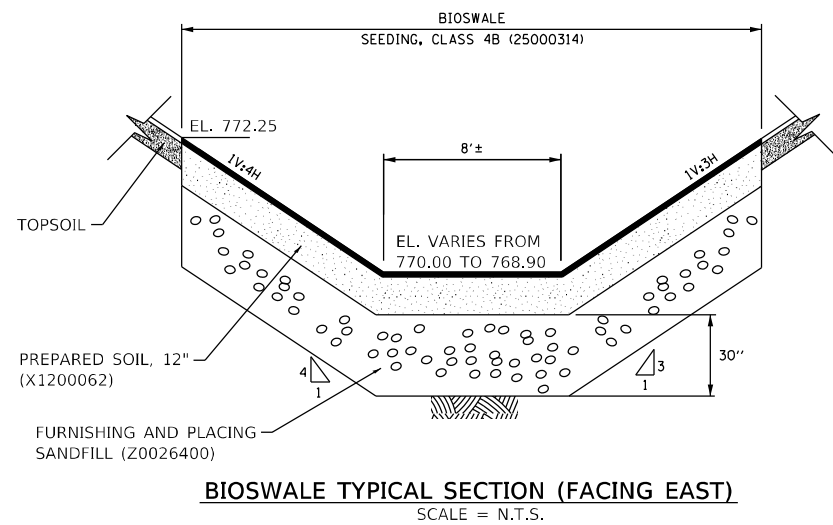
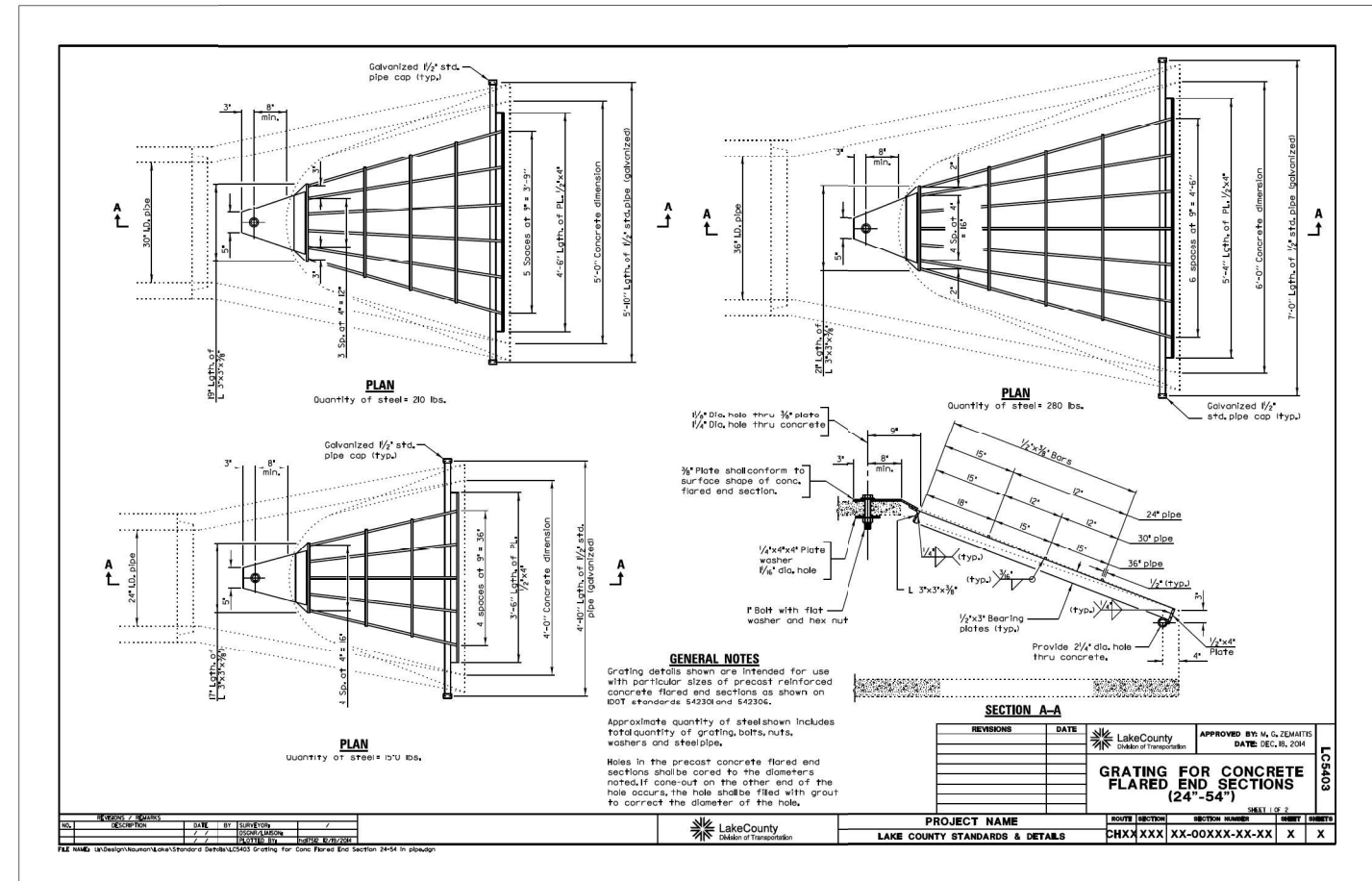
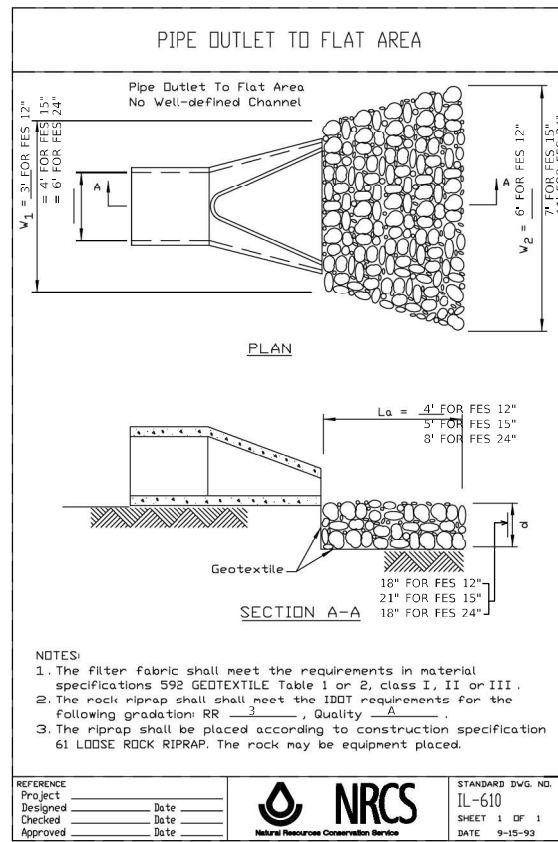
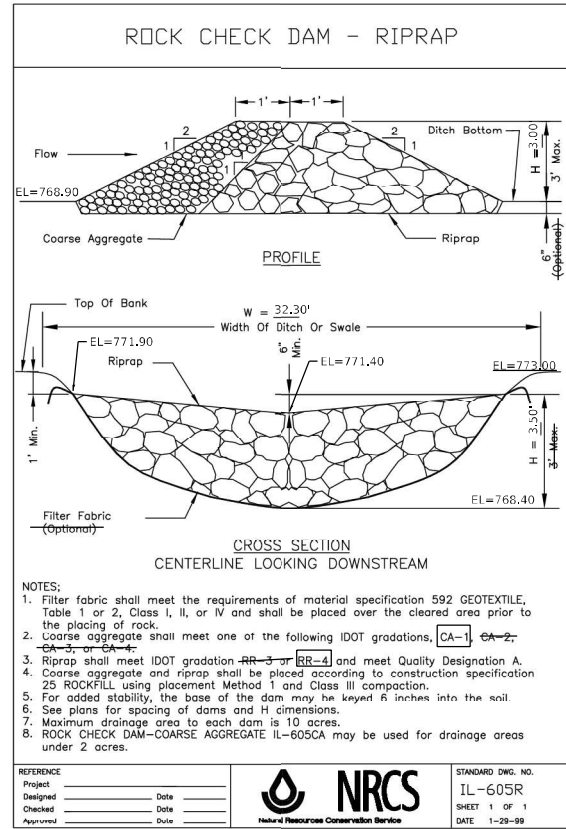


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 132 GRAND AVENUE DRAINAGE AND UTILITY PLAN AND PROFILE			
SCALE: 1" = 50'	SHEET 3	OF 6 SHEETS	STA. 58+00.00 TO STA. 72+00.00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 67
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 132 GRAND AVENUE
DRAINAGE DETAILS

SCALE: NTS SHEET 6 OF 6 SHEETS STA. - TO STA. -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	70
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY CULVERT	QUANTITY WATER	TOTAL QUANTITY
20800150	TRENCH BACKFILL (CA-6)	CU YD	50	510	560
*56103000	DUCTILE IRON WATER MAIN 6"	FOOT	0	23	23
*56103100	DUCTILE IRON WATER MAIN 8"	FOOT	100	550	650
*56105000	WATER VALVES 8"	EACH	2	2	4
*56400500	FIRE HYDRANT TO BE REMOVED	EACH	0	2	2
*56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	0	2	2
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	2	3
*X5610748	WATER MAIN LINE STOP 8"	EACH	2	2	4
*X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	2	2	4
	FIELD LOC 350 8" GASKET	EACH	8	0	8
	WATER MAIN SUPPORT	EACH	1	0	1
	REMOVE AND DISPOSE EXISTING FORCE MAIN & WATER MAIN	L SUM	0.5	0.5	1
	STEEL CASING PIPE, OPEN CUT TRENCH, 24" (SAN. FORCE MAIN & WATER MAIN)	FOOT	80	0	80
#1011593	DUCTILE IRON FORCEMAIN, 12"	FOOT	85	0	85
#1008523	DUCTILE IRON FITTINGS	POUNDS	150	100	250
X5631212	CONNECTION TO EXISTING FORCE MAIN, 12"	EACH	2	0	2
	COMBINATION AIR/VACUUM VALVE, 2"	EACH	1	0	1
	TEMPORARY BYPASS PUMPING SYSTEM	L SUM	1	0	1

WATER MAIN AND APPURTENANCES

- ALL WATER DISTRIBUTION SYSTEM MATERIALS AND CONSTRUCTION SHALL CONFORM TO SECTION 41 OF "THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS".
- ALL DIRECT BURIED UNDERGROUND PIPING, PIPE FITTINGS, AND APPURTENANCES SHALL BE ENCASED WITH POLYETHYLENE WRAP WITH TAPED JOINTS. POLYETHYLENE WRAP SHALL BE EQUAL TO ASTM 1248 AND SHALL CONFORM TO APPLICABLE REQUIREMENTS OF AWWA C105.
- A MINIMUM DEPTH OF COVER OF FIVE AND A HALF (5'-6") FEET SHALL BE MAINTAINED OVER THE WATER LINES. THE MAXIMUM COVER SHALL NOT BE GREATER THAN EIGHT (8'-0") FEET EXCEPT AT SPECIAL CROSSINGS.
- TESTING: ALL WATERMAINS SHALL BE PRESSURE TESTED, FLUSHED, AND DISINFECTED IN ACCORDANCE WITH "THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS", AND AWWA STANDARDS (C600 AND C651). EACH VALVE SECTION SHALL BE PRESSURE TESTED FOR A MINIMUM OF 2 HOURS AT A TEST PRESSURE OF 150 PSI. ALLOWABLE LEAKAGE SHALL BE WITHIN THE LIMITS DETERMINED BY "THE STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION IN ILLINOIS". AT NO TIME IS THERE TO BE ANY VISIBLE LEAKAGE FROM THE WATERMAIN. AFTER THE PRESSURE TEST IS PASSED AND PRIOR TO DISINFECTION, THE MAIN SHALL BE THOROUGHLY FLUSHED. IF THERE IS NO HYDRANT AT THE END OF THE MAIN, THE CONTRACTOR SHALL PROVIDE A TEMPORARY TAP LARGE ENOUGH TO AFFECT A VELOCITY IN THE MAIN OF AT LEAST TWO AND A HALF (2 1/2) FEET PER SECOND. FOLLOWING SUCCESSFUL PRESSURE TESTING AND DISINFECTION PROCEDURES, WATER SAMPLES SHALL BE COLLECTED FOR BACTERIOLOGICAL ANALYSIS ON TWO CONSECUTIVE DAYS TAKEN AT 24 HOUR INTERVALS. SATISFACTORY RESULTS OF THE ANALYSES SHALL BE OBTAINED PRIOR TO PLACING THE WATERMAIN INTO SERVICE. DISINFECTION SHALL BE PERFORMED BY AN INDEPENDENT FIRM WITH EXPERIENCE IN THE METHODS OF THIS OPERATION. THE DISINFECTION FIRM AND THE LABORATORY SHALL BE SUBJECT TO THE APPROVAL OF THE SUPERINTENDENT OF WATER AND SEWER. DISINFECTION SHALL BE REPEATED AT THE EXPENSE OF THE CONTRACTOR UNTIL SATISFACTORY RESULTS ARE OBTAINED.
- VALVE VAULTS: VALVE VAULTS SHALL BE AS NOTED ON THE DETAIL SHEET. THE FRAME AND LID FOR VALVE VAULTS SHALL BE NEENAH R-1772 TYPE "B" OR EQUAL WITH "WATER" EMBOSSED ON THE LID. VAULTS SHALL CONFORM TO ASTM C478. JOINTS FOR VAULTS SHALL BE OF BUTYL RUBBER-TYPE GASKET CONFORMING TO ASTM C443. ADJUSTING RINGS SHALL NOT EXCEED 8 INCHES.
- VALVES: ALL VALVES SHALL TURN COUNTER-CLOCKWISE TO OPEN. ALL VALVES 12" OR SMALLER SHALL BE RESILIENT WEDGE GATE TYPE, RATED FOR 250 PSI WORKING PRESSURE AND CONFORM TO AWWA C-509 AND C515 SPECIFICATIONS. ALL FITTINGS AND VALVE END CONNECTIONS SHALL BE MECHANICAL JOINT AND SHALL BE RESTRAINED USING "MEGALUG" OR APPROVED EQUAL RESTRAINING GLANDS. ALL NUTS AND BOLTS USED IN VALVE VAULTS (I.E. EXPOSED PIPING) FOR MECHANICAL JOINTS AND RESTRAINT DEVICES SHALL BE TYPE 304 STAINLESS STEEL. ALL INTERNAL AND EXTERNAL SURFACES SHALL HAVE FUSION BONDED EPOXY COATING. ALL VALVES LARGER THAN 12" SHALL BE BUTTERFLY VALVES. BUTTERFLY VALVES SHALL BE SHORT BODY CONFORMING TO THE AWWA C504 FOR RUBBER SEATED BUTTERFLY VALVES FOR CLASS 150B. VALVES SHALL BE CLOW 2810, MUELLER LINESSEAL III, OR APPROVED EQUAL.
- CORPORATION STOPS: CORPORATION STOPS SHALL BE MUELLER 300 MODEL B-25028, SIZED APPROPRIATELY FOR THE INTENDED USE (1 INCH MIN), CONFORMING TO AWWA C-800 AND SHALL INCLUDE BEND TAIL PIECE AND COMPRESSION FITTINGS. TAPPING SADDLES SPECIFICALLY DESIGNED FOR USE WITH DIP PIPE MAY BE REQUIRED IN CONJUNCTION WITH LARGER CORPORATION STOPS. TAPPING SADDLES SHALL BE SMITH-BLAIR VINYL COATED STAINLESS STEEL BOLTS, OR JCM, OR APPROVED EQUAL. THE BOLTS SHALL BE TIGHTENED IN ACCORDANCE WITH THE MANUFACTURER'S TORQUE GUIDELINES. CORPORATION STOPS SHALL BE INSTALLED ON BOTH SIDES OF THE VALVE WITHIN VAULTS (SEE DETAIL).
- MAXIMUM DEFLECTION AT PIPE AND FITTING JOINTS SHALL NOT EXCEED CURRENT MANUFACTURER'S RECOMMENDATIONS.
- WATERMAIN FITTINGS (I.E. BENDS, ELBOWS, TEES, REDUCERS, ETC.) MAY NOT BE SPECIFICALLY REFERENCED ON THE PLANS.
- THRUST BLOCKING SHALL BE INSTALLED ON WATERMAINS AT ALL HORIZONTAL BENDS, TEES, CAPS, VALVES, AND HYDRANTS. FITTINGS THAT ARE DOWNTURNED OR UNABLE TO BE "THRUST-BLOCKED" AGAINST UNDISTURBED SOIL SHALL BE RESTRAINED WITH FIELD-LOK BY U.S. PIPE, MEGA LUGS BY EBAA IRON, OR APPROVED EQUAL. IN ADDITION, EXCLUDING THE JOINTS OF ANY VALVE, BEND, CROSS OR TEE, THE FIRST TWO JOINTS BEFORE AND BEYOND ANY VALVE, BEND, CROSS, OR TEE SHALL BE RESTRAINED WITH FIELD-LOK BY U.S. PIPE, MEGA LUGS BY EBAA IRON, OR APPROVED EQUAL.
- CONTRACTOR TO VERIFY RIM AND INVERT ELEVATIONS. RIM ELEVATIONS FOR VAULTS SHALL BE ADJUSTED TO MEET FINAL GRADE. THESE ADJUSTMENTS ARE TO BE MADE BY THE CONTRACTOR AND ANY ASSOCIATED COSTS FOR THESE ADJUSTMENTS ARE TO BE CONSIDERED INCLUDED. THESE ADJUSTMENTS TO FINISHED GRADE WILL NOT ALLEVIATE THE CONTRACTOR FROM ANY ADDITIONAL ADJUSTMENTS AS MAY BE REQUIRED BY THE OWNER OR VILLAGE UPON FINAL INSPECTION OF THE PROJECT. (FINAL GRADES AS MAY BE DETERMINED BY THE OWNER OR VILLAGE AT THE TIME OF FINAL INSPECTION MAY VARY FROM THOSE SHOWN ON THE PLANS.)

WATER MAIN AND APPURTENANCES

- THE CONTRACTOR SHALL EXAMINE THE CONTRACT DRAWINGS THOROUGHLY PRIOR TO BEGINNING ANY EXCAVATION AND SHALL NOTIFY THE OWNER'S REPRESENTATIVE AT ONCE OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE THAT ALL WORK AREAS SHALL BE PROPERLY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION AND TRAFFIC.
- THE EXCAVATION FOR STRUCTURE AND/OR PIPE INSTALLATION SHALL BE KEPT DRY AT ALL TIMES DURING STRUCTURE/PIPE PLACEMENT. APPROPRIATE FACILITIES TO MAINTAIN THE DRY EXCAVATIONS/TRENCHES SHALL BE PROVIDED BY THE CONTRACTOR AND THE COST OF SUCH SHALL BE INCLUDED IN THE PRICES BID FOR THE VARIOUS ITEMS TO WHICH THEY PERTAIN.
- DETAILED DRAWINGS FOR ANY SHEETING AND BRACING SHALL BE PROVIDED FOR REVIEW TO THE OWNER'S REPRESENTATIVE PRIOR TO IMPLEMENTATION OF THE METHOD. A TRENCH BOX SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES AND BE UTILIZED IN ACCORDANCE WITH OSHA STANDARDS.
- SUITABLE EXCAVATED MATERIALS SUBJECT TO THE REVIEW OF THE OWNER'S REPRESENTATIVE MAY BE USED TO BACKFILL THE EXCAVATED AREAS OF THE SITE; UNLESS SHOWN OTHERWISE.
- NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN REVIEWED BY OWNER.
- TRENCH (STRUCTURAL) BACKFILL SHALL BE PROVIDED FOR THE FULL DEPTH ABOVE PIPELINES UNDER PROPOSED OR EXISTING PAVEMENTS, UTILITIES, DRIVEWAYS, AND SIDEWALKS. THE TRENCH BACKFILL SHALL CONSIST OF A GRANULAR MATERIAL MEETING IDOT CRUSHED STONE CA-6 GRADATION SPECIFICATIONS. THE TRENCH (STRUCTURAL) BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS AND SHALL EXTEND A MINIMUM OF TWO FEET BEYOND THE EDGE OF PAVEMENT, BACK OF CURB, OR AS OTHERWISE SHOWN OR SPECIFIED HEREIN.
- BACKFILL IN PIPE TRENCHES IN OPEN AREAS AND LANDSCAPED AREAS SHALL CONSIST OF SUITABLE EXCAVATED MATERIALS PLACED IN LIFTS AND COMPACTED TO A MINIMUM OF 90 PERCENT OF THE MAXIMUM DENSITY OBTAINABLE PER ASTM D 1557.
- THE CONTRACTOR SHALL REMOVE FROM THE SITE ALL EXCESS UTILITY SPOIL AND DISPOSE OF IT LEGALLY. THIS WORK SHALL BE CONSIDERED INCLUDED TO THE CONTRACT.
- STOCKPILING OF EXCAVATED MATERIALS ON SITE SHALL BE MINIMIZED TO THE GREATEST EXTENT PRACTICABLE. THE CONTRACTOR SHALL PROCEED PROMPTLY WITH UNDERGROUND WORK IMMEDIATELY FOLLOWING EXCAVATION AND SHALL BACKFILL ALL EXCAVATIONS IMMEDIATELY FOLLOWING APPROVAL OF COMPLETED WORK BY THE OWNER.

BYPASS PUMPING NOTES

- CONTRACTOR SHALL PERFORM BYPASS PUMPING AS REQUIRED TO INSTALL SANITARY SEWER FORCEMAIN. THE EXISTING DESIGN FLOW AND MAXIMUM DESIGN FLOW OF THE EXISTING LIFT STATION IS 230 GPM AND 875 GPM RESPECTIVELY.
- THE CONTRACTOR SHALL COORDINATE BYPASS PUMPING SCHEDULE, EQUIPMENT AND OPERATIONS PLAN WITH THE VILLAGE PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL KEEP EXISTING LIFT STATION IN OPERATION UNTIL IT IS NECESSARY TO BEGIN THE BYPASS PUMPING DUE TO CONSTRUCTION.
- ALL OPENINGS SHALL BE COVERED WITH STEEL PLATES AND/OR BARRICADES TO PREVENT INJURY DURING BYPASS PUMPING OPERATIONS.

IEPA WATER MAIN PROTECTION NOTES

WATERMAIN AND SANITARY SEWER SEPARATION SHALL BE IN ACCORDANCE WITH SECTION 41-2.01 "PROTECTION OF WATERMAIN AND WATER SERVICE LINES" OF "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".

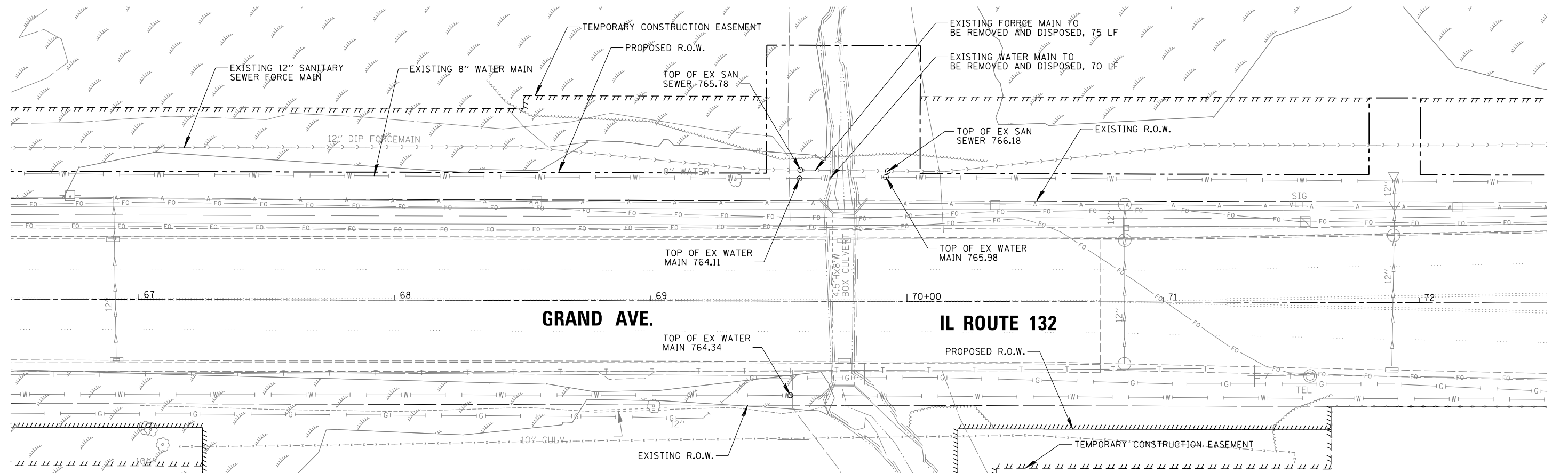
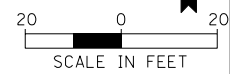
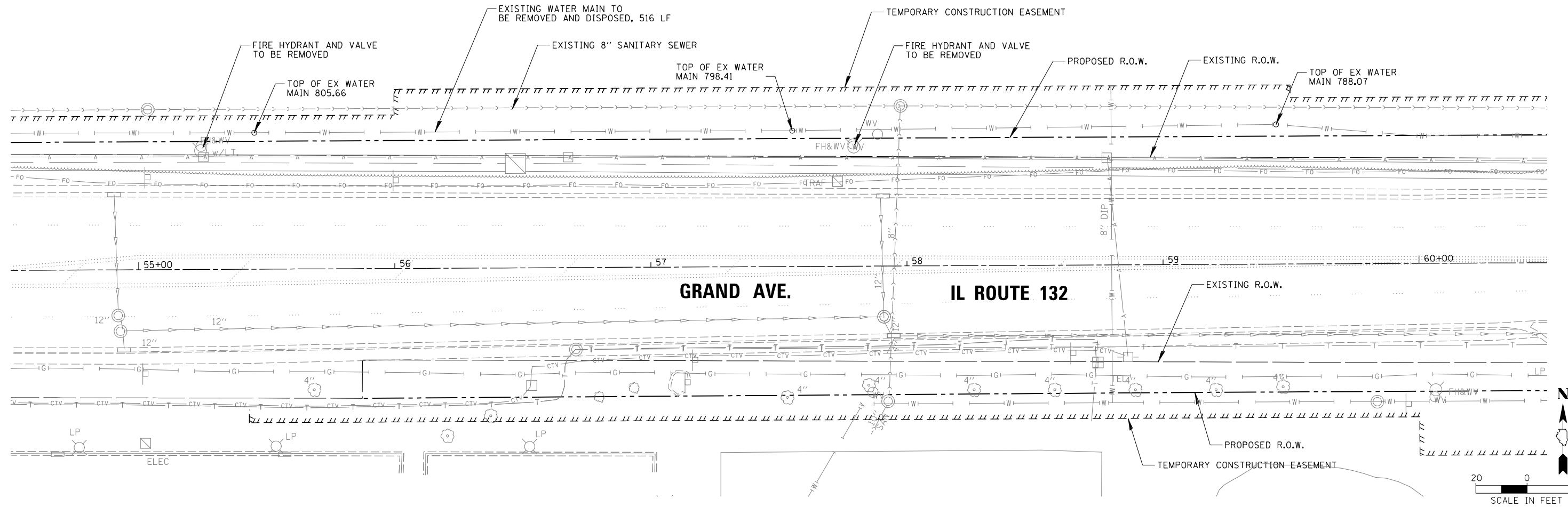
HORIZONTAL SEPARATION:

- WATERMAINS SHALL BE LAID AT LEAST TEN (10'-0") FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER, OR SEWER SERVICES CONNECTION.
- WATERMAINS MAY BE LAID CLOSER THAN TEN (10'-0") FEET TO A SEWER LINE WHEN:
 - LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN (10'-0") FEET;
 - THE WATERMAIN INVERT IS AT LEAST EIGHTEEN (18") INCHES ABOVE THE CROWN OF THE SEWER; AND
 - THE WATERMAIN IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELVE LOCATED TO ONE SIDE OF THE SEWER.
- BOTH THE WATERMAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED WITH PIPE EQUIVALENT TO WATERMAIN STANDARDS OF CONSTRUCTION WHEN IT IS IMPOSSIBLE TO MEET 1. OR 2. ABOVE. THE DRAIN OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING.

VERTICAL SEPARATION:

- A WATERMAIN SHALL BE LAID SO THAT ITS INVERT IS EIGHTEEN (18") INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER WHENEVER WATERMAINS CROSS STORM SEWERS, SANITARY SEWERS, OR SEWER SERVICE CONNECTIONS. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATERMAIN LOCATED WITHIN TEN (10'-0") FEET HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. A LENGTH OF WATERMAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANCE FROM THE SEWER OR DRAIN.
- BOTH THE WATERMAINS AND SEWER SHALL BE CONSTRUCTED WITH SEWER PIPE EQUIVALENT TO WATERMAIN STANDARDS OF CONSTRUCTION WHEN:
 - IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN 1. ABOVE; OR
 - THE WATERMAIN PASSES UNDER A SEWER OR DRAIN.
- A VERTICAL SEPARATION OF EIGHTEEN (18") INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE A WATERMAIN CROSSES UNDER A SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING THE WATER MAIN.
- CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATERMAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN (10'-0") FEET.

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N:\Lindenhurst\160109\Civil\62D86\NOT.160109.62D86-01.SHT		DRAWN - MAK	REVISED -		541	A-W&RS-2	LAKE	205	72			
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	PLOT DATE = 5/3/2021	DATE - 5/3/2021	REVISED -		SCALE: N.T.S.	SHEET	OF SHEETS	STA.	TO STA.			



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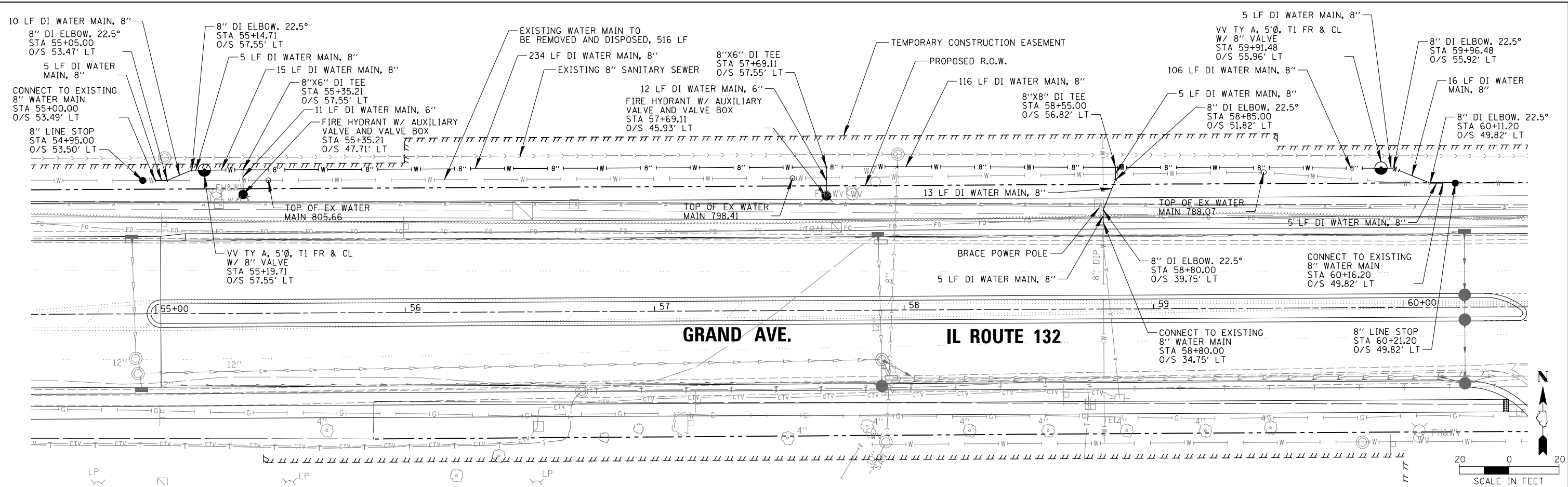
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WATER MAIN EXISTING CONDITIONS AND REMOVAL PLAN
IL ROUTE 132**

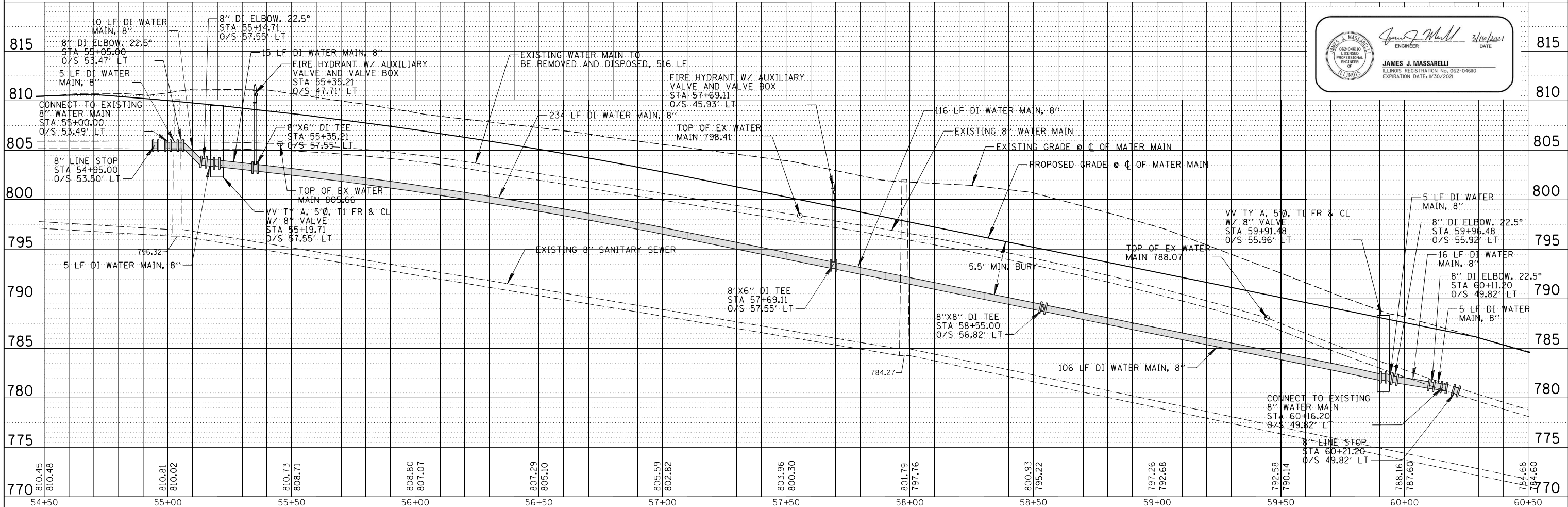
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	73
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D86	

DATE	
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PLAN	SURVEYED
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	ALIGNED
	FILE NAME
NOTE BOOK NO.	



DATE	
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PROFILE	SURVEYED
	PLOTTED
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	GRADES
	STRUCTURE
NOTE BOOK NO.	
	NOTATIONS CHKD

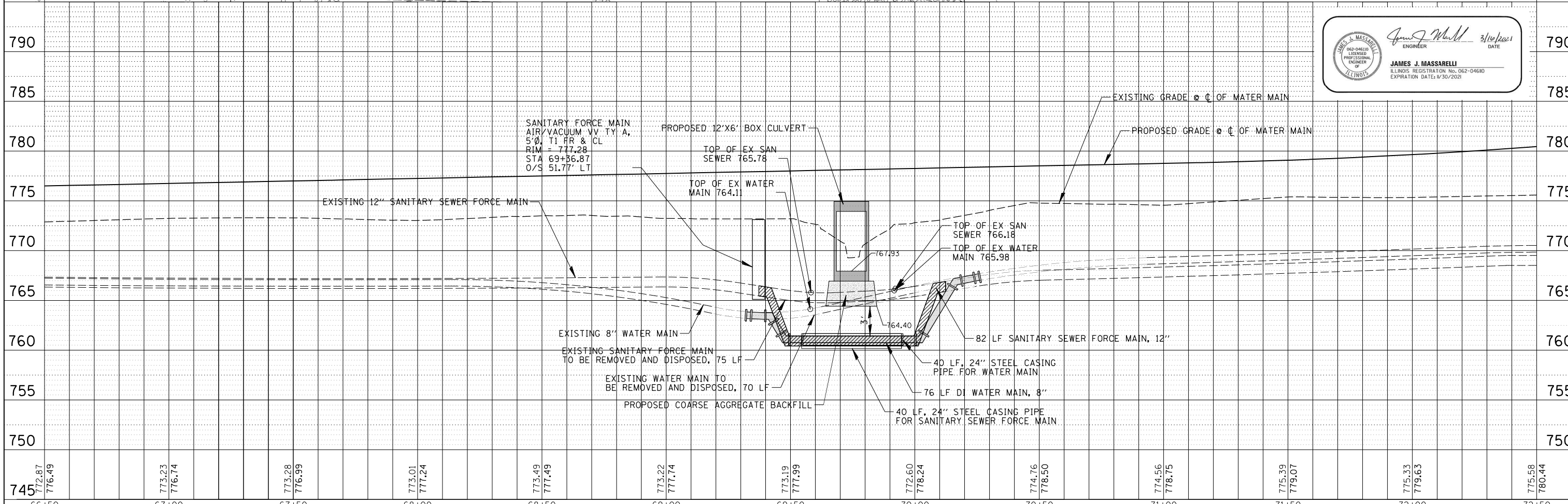
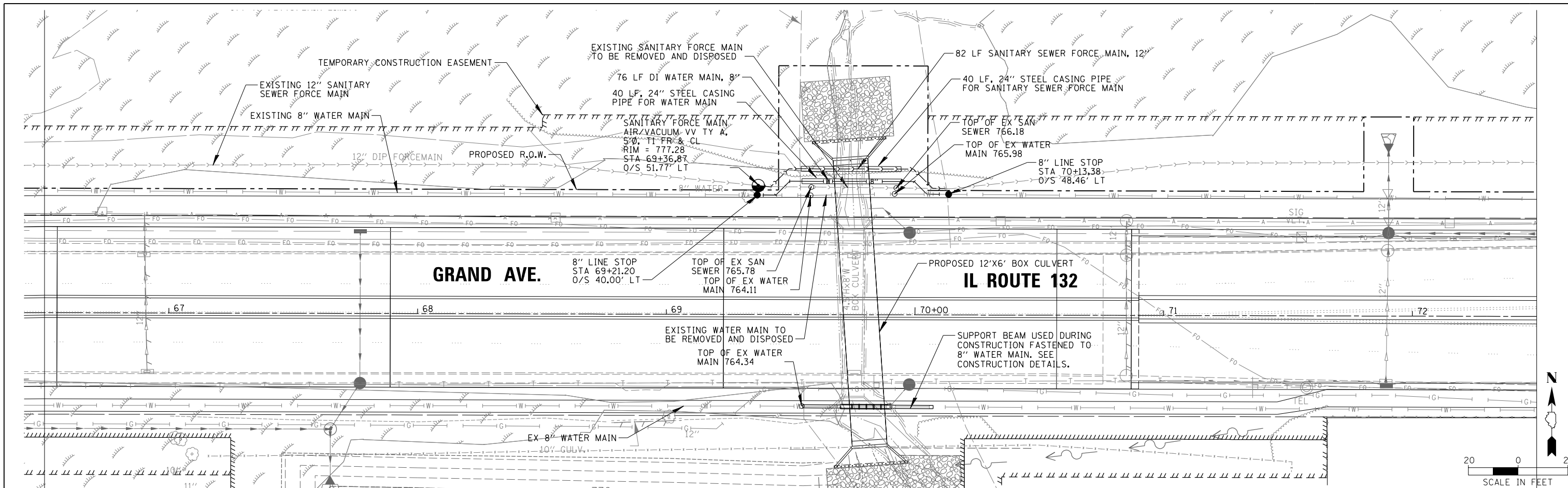


JAMES J. MASSARELLI
 ENGINEER
 DATE: 3/14/2021

FILE NAME =	USER NAME = mkoance	DESIGNED - JJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN PLAN AND PROFILE - NORTH SIDE IL ROUTE 132			F.A.U. R.T.E. = 541	SECTION = A-W&RS-2	COUNTY = LAKE	TOTAL SHEETS = 205	SHEET NO. = 74
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	PLOT DATE = 5/3/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
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PLAN	SURVEYED
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	DATE
	FILE NAME
	NO.

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	CHECKED
	DATE
	FILE NAME
	NO.



JAMES J. MASSARELLI
 ILLINOIS REGISTRATION NO. 062-04680
 EXPIRATION DATE: 8/30/2021

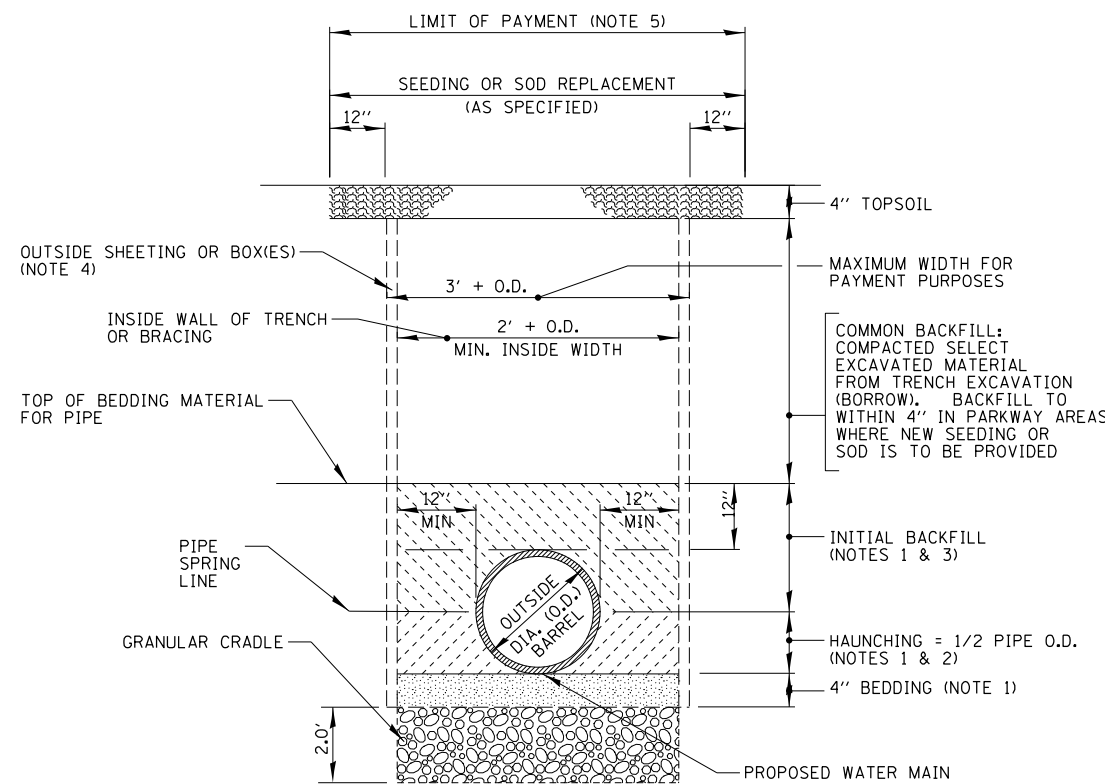
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WATER MAIN PLAN AND PROFILE - NORTH SIDE
IL ROUTE 132**

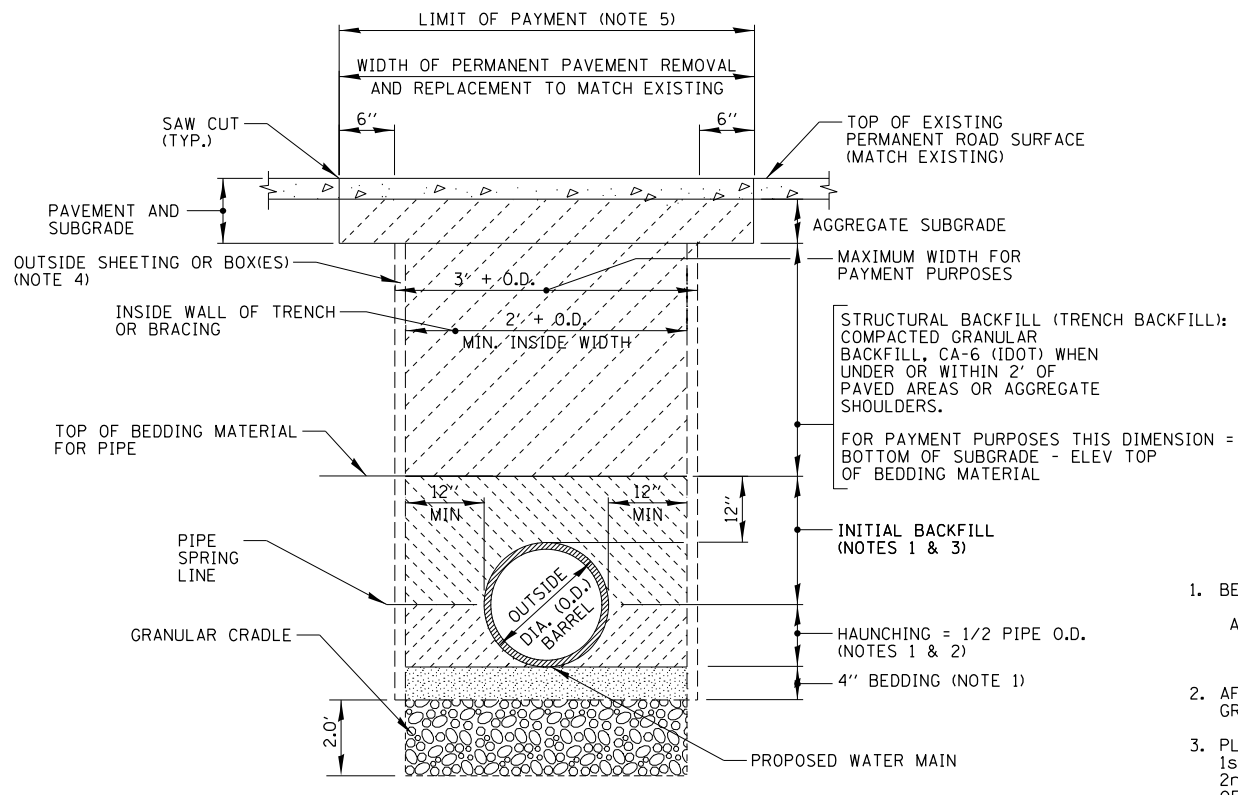
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	75
CONTRACT NO. 62D86			ILLINOIS FED. AID PROJECT	



WITHIN PARKWAY AREAS (COMMON BACKFILL)

N.T.S.



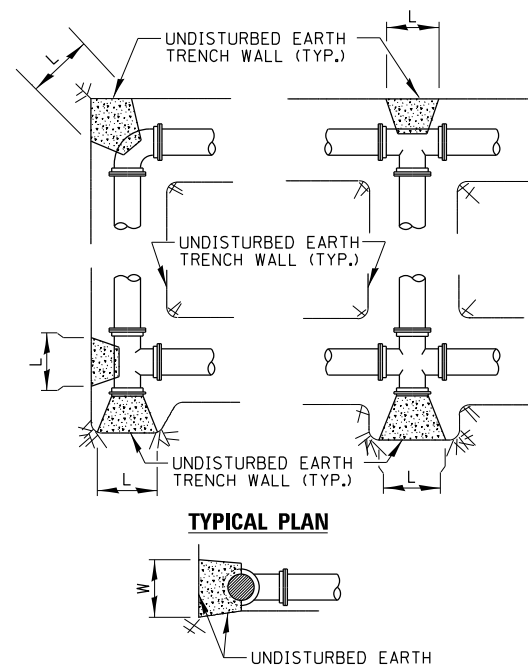
WITHIN PAVED, DRIVEWAY OR WALKWAY AREAS (STRUCTURAL BACKFILL)

N.T.S.

TRENCH BACKFILL NOTES

1. BEDDING/HAUNCHING/INITIAL BACKFILL:
 - A. FOR FLEXIBLE (PVC) PIPE THE BEDDING/HAUNCHING/INITIAL BACKFILL MATERIAL SHALL CONFORM TO IDOT CA-11 OR CA-13 GRADATION.
2. AFTER BEDDING HAS BEEN PLACED/COMPACTED/BROUGHT TO GRADE, PLACE AND COMPACT HAUNCHING TO PIPE SPRING LINE.
3. PLACE INITIAL BACKFILL IN TWO STAGES AS FOLLOWS:
 - 1st STAGE - PLACE & COMPACT TO TOP OF PIPE
 - 2nd STAGE - PLACE & COMPACT AT LEAST 12" OVER TOP OF PIPE
4. VOIDS LEFT BY SHEETING/BRACING WHEN REMOVED SHALL BE FILLED WITH FINE SAND AND SHALL BE CONSIDERED INCIDENTAL TO THE WORK. SHEETING TO BE LEFT IN PLACE WHEN SPECIFIED ON THE PLANS.
5. CONTRACTOR IS RESPONSIBLE FOR ALL RESTORATION BEYOND THE LIMIT OF PAYMENT AS SHOWN.

TYPICAL TRENCH BACKFILL DETAILS & TRENCHING NOTES FOR PARKWAY AREAS AND PAVED AREAS



TYPICAL PLAN

TYPICAL SECTIONS

NOTES:

1. PROVIDE PRECAST OR CAST-IN-PLACE CONCRETE THRUST BLOCKS OF ADEQUATE SIZE AND THRUST BEARING SURFACE TO PREVENT MOVEMENT OF PIPELINE UNDER PRESSURE. SEE TABLE FOR BEARING SURFACE AREA.
2. PLACE THE BASE AND THRUST BEARING SIDES OF THRUST BLOCK DIRECTLY AGAINST UNDISTURBED EARTH.
3. PLACE THRUST BLOCKING SO THE FITTING JOINTS WILL BE ACCESSIBLE FOR REPAIR.
4. THE LENGTH (L) OF THE THRUST BLOCK SHALL BE APPROXIMATELY TWICE THE WIDTH (W).
5. THRUST BLOCKS ARE BASED ON A 2000 PSF SOIL BEARING LOAD AND 100 PSI THRUST INSIDE THE PIPE.
6. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 2000 PSI AFTER 28 DAYS.

PIPE SIZE	PIPE BEND IN DEGREES				PLUG OR TEE
	90	45	22.5	11.25	
8"	5 SQ. FT.	3 SQ. FT.	2 SQ. FT.	1 SQ. FT.	3 SQ. FT.
10"	7 SQ. FT.	4 SQ. FT.	2 SQ. FT.	1 SQ. FT.	5 SQ. FT.
12"	10 SQ. FT.	5 SQ. FT.	3 SQ. FT.	2 SQ. FT.	7 SQ. FT.
14"	13 SQ. FT.	7 SQ. FT.	4 SQ. FT.	2 SQ. FT.	9 SQ. FT.
16"	17 SQ. FT.	9 SQ. FT.	5 SQ. FT.	2 SQ. FT.	12 SQ. FT.
20"	26 SQ. FT.	14 SQ. FT.	7 SQ. FT.	4 SQ. FT.	18 SQ. FT.

BEARING SURFACE AREA TABLE

TYPICAL THRUST BLOCK INSTALLATIONS

N.T.S.

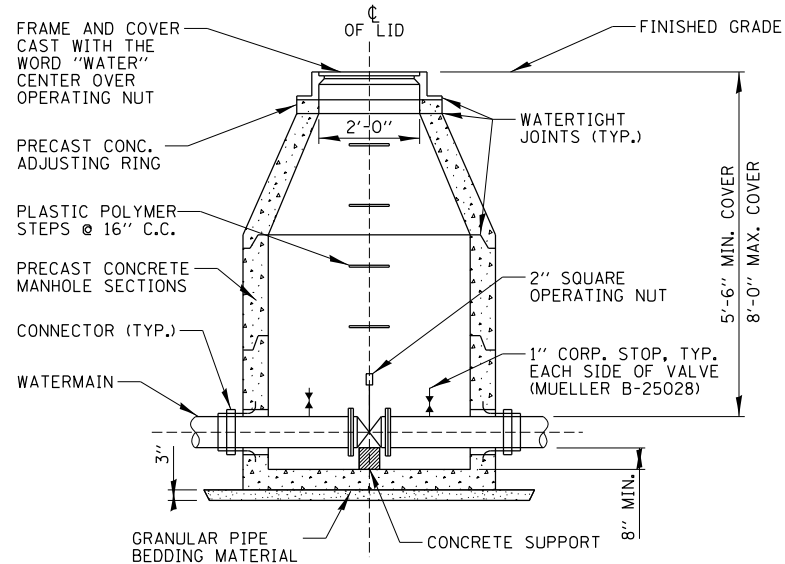
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	PLOT DATE = 5/3/2021	DATE - 5/3/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WATER MAIN DETAILS
IL ROUTE 132**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	76
CONTRACT NO. 62D86			ILLINOIS FED. AID PROJECT	

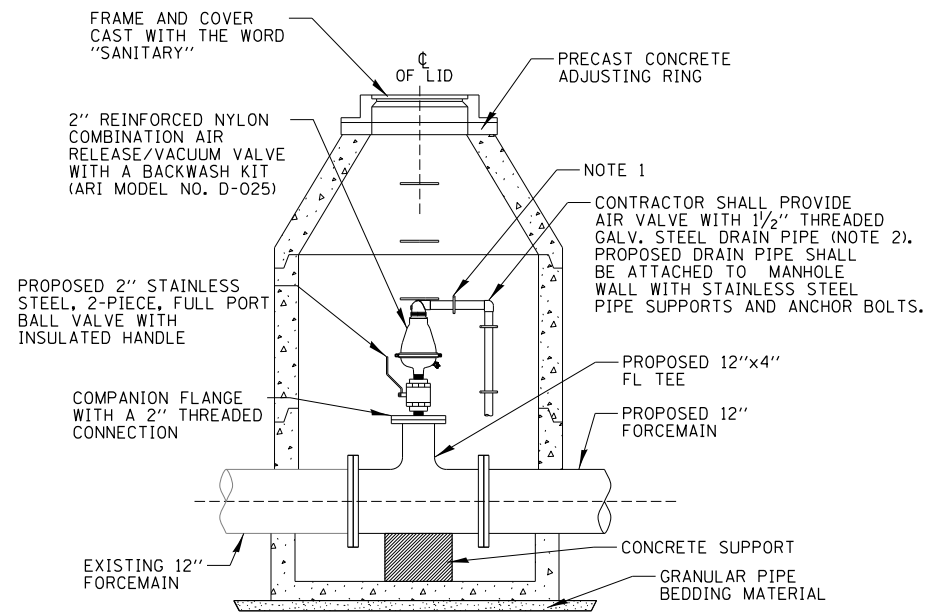


NOTES:

1. CONCENTRIC CONE REQUIRED FOR GATE VALVE VAULT ECCENTRIC CONE FOR BUTTERFLY VALVE VAULT.
2. VALVES 12" AND SMALLER SHALL BE RESILIENT WEDGE GATE VALVES. VALVES LARGER THAN 12" SHALL BE BUTTERFLY VALVES.
3. SEE IDOT STANDARD 602506-3 PRECAST VALVE VAULT TYPE A 5' DIAMETER FOR VALVE VAULT DIMENSIONS.

STANDARD WATER MAIN VALVE VAULT DETAIL

N.T.S.

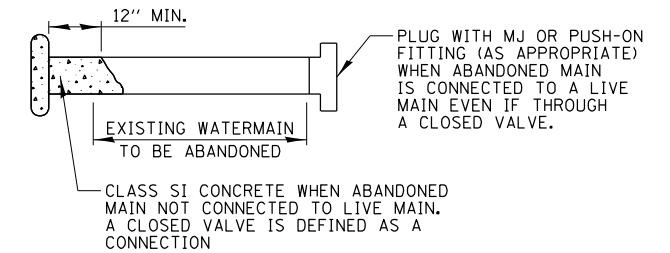


NOTES:

1. CONTRACTOR SHALL SUPPORT PIPE WITH STAINLESS STEEL PIPE CLAMP FASTENED TO STRUCTURE WITH 1/2" STAINLESS STEEL THREADED RODS (EMBEDDED A MIN. OF 3") AND HILTI-RE 500 EPOXY ADHESIVE. PIPE CLAMPS SHALL BE SPACED A MAXIMUM OF 3 FT APART.
2. CONTRACTOR SHALL FURNISH AND INSTALL A 1 1/2" BSPT x NPT THREADED ADAPTER FOR VALVE OUTLET.
3. SEE IDOT STANDARD 602506-3 PRECAST VALVE VAULT TYPE A 5' DIAMETER FOR VALVE VAULT DIMENSIONS.

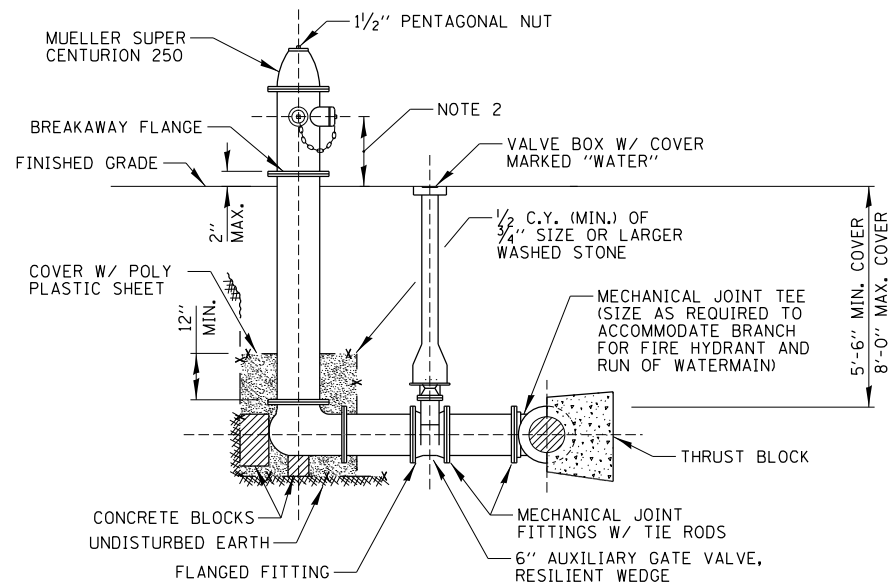
SANITARY FORCE MAIN AIR/VACUUM VALVE VAULT DETAIL

N.T.S.



WATER MAIN AND SANITARY FORCE MAIN ABANDONMENT DETAIL

N.T.S.

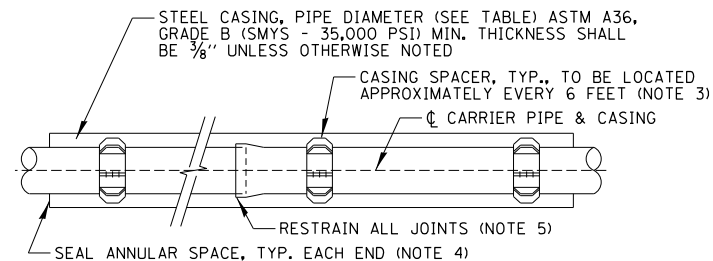


NOTES:

1. PROVIDE 6 INCH TO 24 INCH SPACER BETWEEN AUXILIARY VALVE AND HYDRANT BARREL.
2. PROVIDE 30 INCHES CLEARANCE BETWEEN NOZZLE AND FINISHED GRADE.
3. MINIMUM NOZZLE SIZES SHALL INCLUDE TWO 2 1/2" AND ONE 4 1/2".
4. PROVIDE 2 FOOT DIAMETER BY 2 FEET DEEP DRAINAGE PIT AROUND AND ADJACENT FIRE HYDRANT, FILLED WITH WASHED STONE.
5. THE MAIN VALVE SHALL HAVE A DIAMETER OF 5 1/4" AND SHALL OPEN IN A COUNTERCLOCKWISE DIRECTION.
6. PAINT HYDRANT RED.

STANDARD FIRE HYDRANT INSTALLATION

N.T.S.



CARRIER PIPE DIA.	STEEL CASING PIPE DIA.	
	PVC	D.I.P.
6"	12"	18"
8"	16"	20"
10"	18"	22"
12"	20"	24"
14"	-	28"
16"	-	30"

NOTES:

1. STEEL CASING SHALL BE ONE CONTINUOUS SECTION.
2. SMYS-SPECIFIC MINIMUM YIELD STRENGTH.
3. CASING SPACERS TO BE CASCADE MODEL CSS OR APPROVED EQUAL.
4. CASING END SEALS TO BE CASCADE MODEL CCES END SEALS OR APPROVED EQUAL. MORTARING OF CASING ENDS SUBJECT ONLY TO PRE-APPROVAL.
5. FOR WATERMAIN, ALL PUSH JOINTS IN CASING SHALL HAVE "FIELD LOK" GASKETS AS MANUFACTURED BY U.S. PIPE OR APPROVED EQUAL.

STEEL CASING PIPE DETAIL

N.T.S.

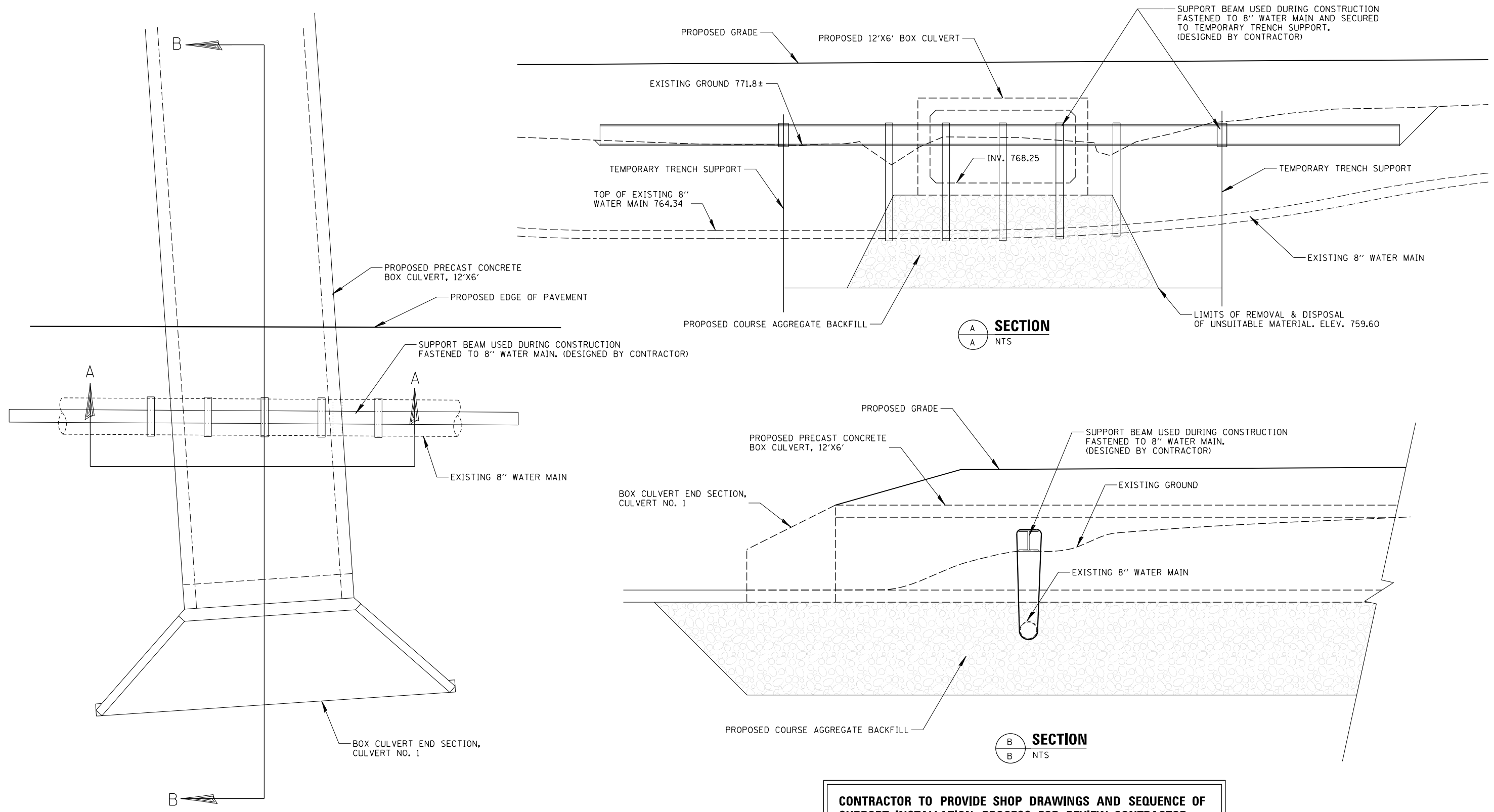
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	PLOT DATE = 5/3/2021	DATE - 5/3/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WATER MAIN DETAILS
IL ROUTE 132**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	77
CONTRACT NO. 62D86			ILLINOIS FED. AID PROJECT	



**8" WATER MAIN UNDER
12'X6' BOX CULVERT PLAN**
NTS

CONTRACTOR TO PROVIDE SHOP DRAWINGS AND SEQUENCE OF SUPPORT INSTALLATION PROCESS FOR REVIEW. CONTRACTOR MUST SUPPORT THE 8" WATER MAIN PRIOR TO EXCAVATION OF THE UNDERCUT FOR THE PRECAST CONCRETE BOX CULVERT. SUPPORT BEAM USED DURING CONSTRUCTION FASTENED TO THE 8" WATER MAIN TO BE DESIGNED BY THE CONTRACTOR AND PROVIDE SHOP DRAWINGS FOR REVIEW.

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	PLOT DATE = 5/3/2021	DATE - 5/3/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS			
IL ROUTE 132			
SCALE: 20'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	78
CONTRACT NO. 62D86			ILLINOIS FED. AID PROJECT	



SAM Soil Analysis Methods, Inc. 2011 600 W. 12th Street, Naperville, IL 60563 (630) 388-3046 bskoppang@southernca.com	
62086-SUE.DGN	Designated By:
Scale:	Drafted By: P.B.
Sheet COVER	Checked By: S.W.
Date: 10-19-2018	1018045176



I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: _____
SCOTT A. WECHTER
PROJECT MANAGER SAM, LLC

UTILITY OWNERS

NICOR GAS
ATTN: BRUCE KOPPING
1844 FERRY ROAD
NAPERVILLE, IL 60563
630-388-3046
bkopping@southernca.com

VILLAGE OF LAKE VILLA
ATTN: DEBBIE EFFINGER
65 CEDAR AVENUE
LAKE VILLA, IL 60046
847-356-6100
deffinger@lake-villa.org

VILLAGE OF LINDENHURST
ATTN: CHARLES HERNANDEZ
2301 EAST SAND LAKE ROAD
LINDENHURST, IL 60046
847-356-8252
chernandez@lindenhurst.org

AT&T (LEGAL MANDATE)
ATTN: URM PICONE
CONSTRUCTION AND ENGINEERING - MW
1000 COMMERCE DRIVE
OAK BROOK, IL 60523
630-573-6484
u02591@att.com

COMED
ATTN: ANGELA HARRELL
COMED PUBLIC RELOCATION
LINCOLN CENTER ONE
630-576-6185
angela.harrell@comed.com

COMCAST CABLE COMMUNICATIONS
ATTN: ROBERT SCHULTER
688 INDUSTRIAL DRIVE
ELMHURST, IL 60126
224-229-5861
rob_schulter@cable.comcast.com

LEGEND

ALL UTILITY INFORMATION HEREON IS DEPICTED TO QUALITY LEVEL "B" (OL-B) UNLESS OTHERWISE NOTED. OL-B INFORMATION IS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO IDENTIFY THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. OL-B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO PLAN DOCUMENTS.

SIZE INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE UTILITY RECORDS.

ABBREVIATIONS:

(OL-C) DEPICTED ACCORDING TO RECORD INFORMATION AND EXISTING ASSOCIATED UTILITY STRUCTURES. NO ELECTRONIC INFORMATION WAS OBTAINED.

(OL-D) DEPICTED ACCORDING TO RECORD INFORMATION. NO ELECTRONIC INFORMATION WAS OBTAINED.

(DATF) DEPICTED ACCORDING TO FIELD INSPECTION

(FO) FIBER OPTIC

(AATU) ABANDONED ACCORDING TO UTILITY RECORDS

(AATF) ABANDONED ACCORDING TO FIELD INSPECTION

(E) END OF ELECTRONIC DESIGNATING INFORMATION

(E) END OF UTILITY RECORD INFORMATION

(NAC) NO ASSOCIATED CABLE FOUND FROM UTILITY STRUCTURE

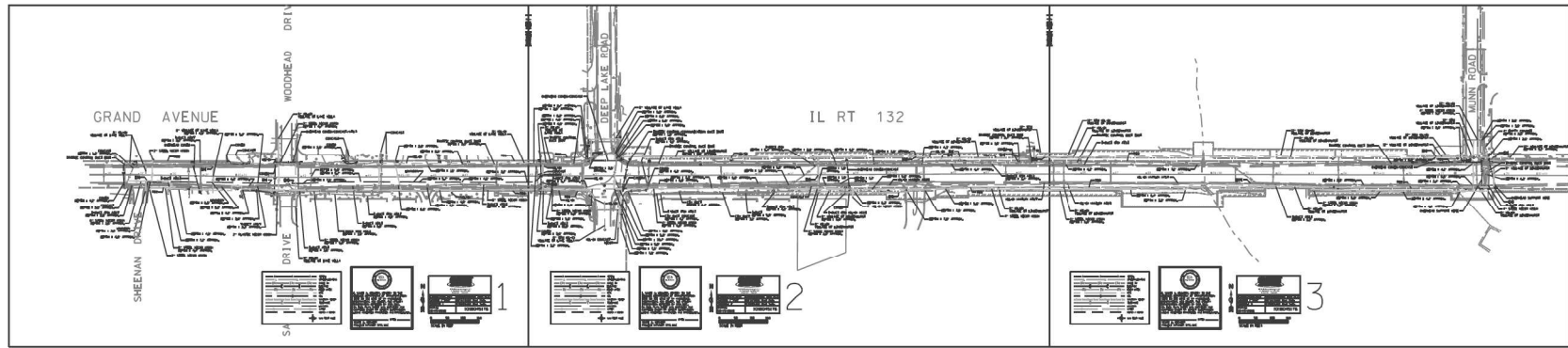
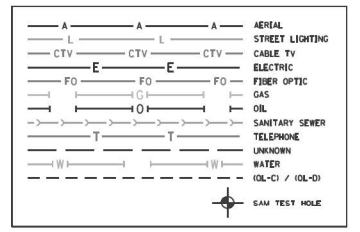
(NAP) NO ASSOCIATED PIPING FOUND FROM UTILITY STRUCTURE

(—) UTILITY ENDPOINT

UNLESS OTHERWISE NOTED, UTILITY LINE LIMITS DEPICTED REPRESENT FIELD DESIGNATING LIMITS AND NOT ENDPOINTS OF UTILITIES.

UTILITY INFORMATION LABELED "OL-C" OR "OL-D" IS DERIVED FROM FURNISHED RECORDS, SUCH INFORMATION MAY NOT BE ACCURATE OR RELIABLE. SAM, LLC, EXPRESSLY DISCLAIMS RESPONSIBILITY FOR THE ACCURACY OR RELIABILITY OF UTILITY INFORMATION DEPICTED ACCORDING TO RECORDS.

ELECTRONIC DEPTH READINGS WERE TAKEN DIRECTLY FROM ELECTRONIC DESIGNATING INSTRUMENTS AND HAVE NOT BEEN VERIFIED BY ANY OTHER MEANS. EQUIPMENT MANUFACTURERS WILL NOT GUARANTEE AND ACCURACY FOR THIS DATA. THEREFORE, THE DEPTH READINGS ARE NOT TO BE CONSIDERED SUITABLE FOR DESIGN DECISIONS. SAM, LLC, DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF RELIABILITY OF ANY ELECTRONIC DEPTH READINGS.



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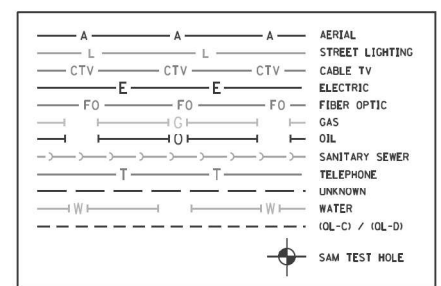
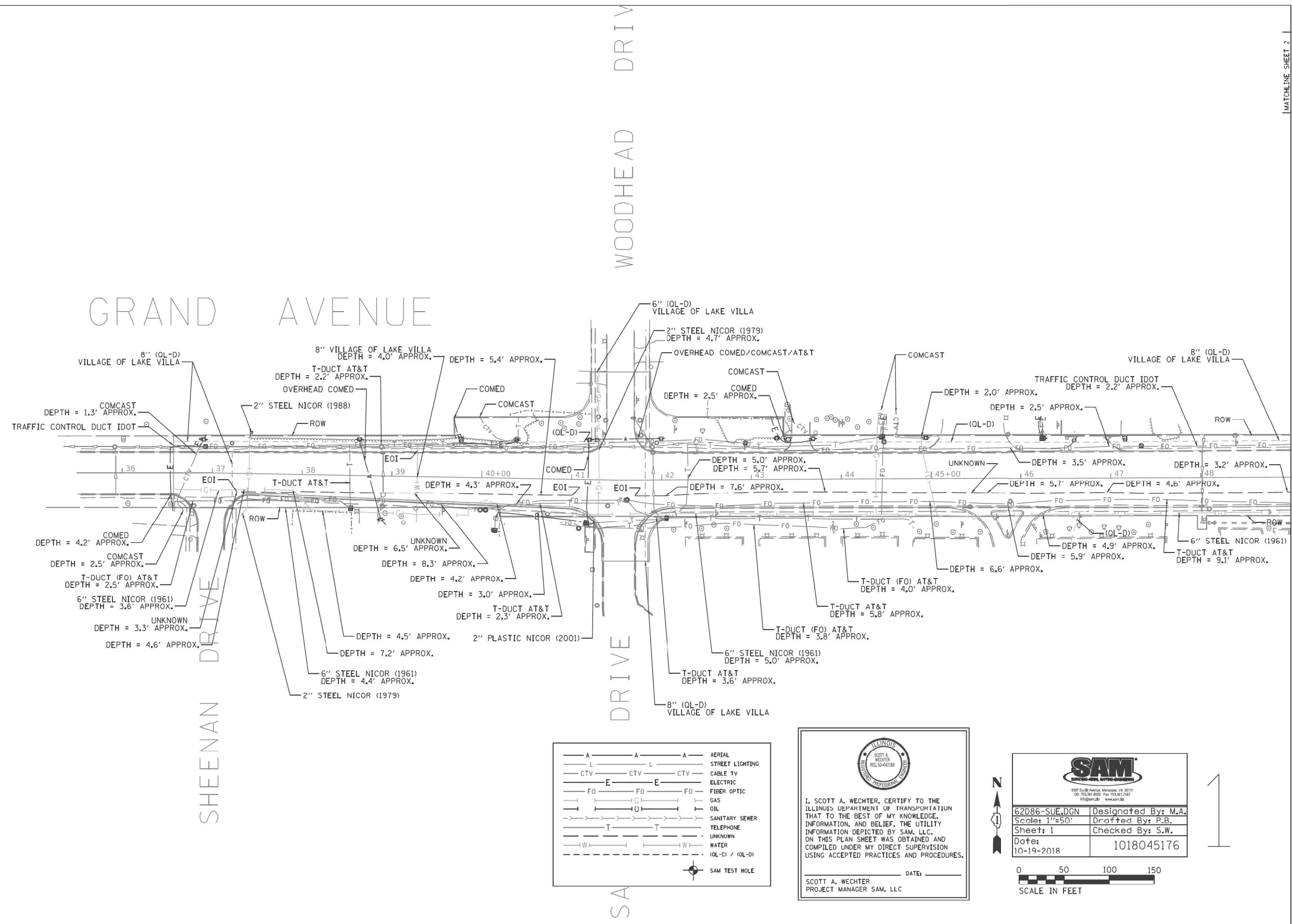



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DRAWN -	REVISED -	
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PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 132 SUBSURFACE UTILITY ENGINEERING			
SCALE:	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	79
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				




 I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.
 DATE: _____
 SCOTT A. WECHTER
 PROJECT MANAGER SAM, LLC


 62D86-SUE.DGN Designated By: M.A.
 Scale: 1"=50' Drafted By: P.B.
 Sheet: 1 Checked By: S.W.
 Date: 10-19-2018 1018045176


 SCALE IN FEET

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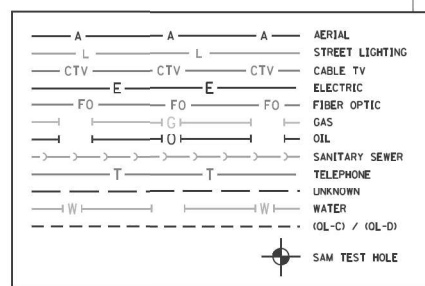
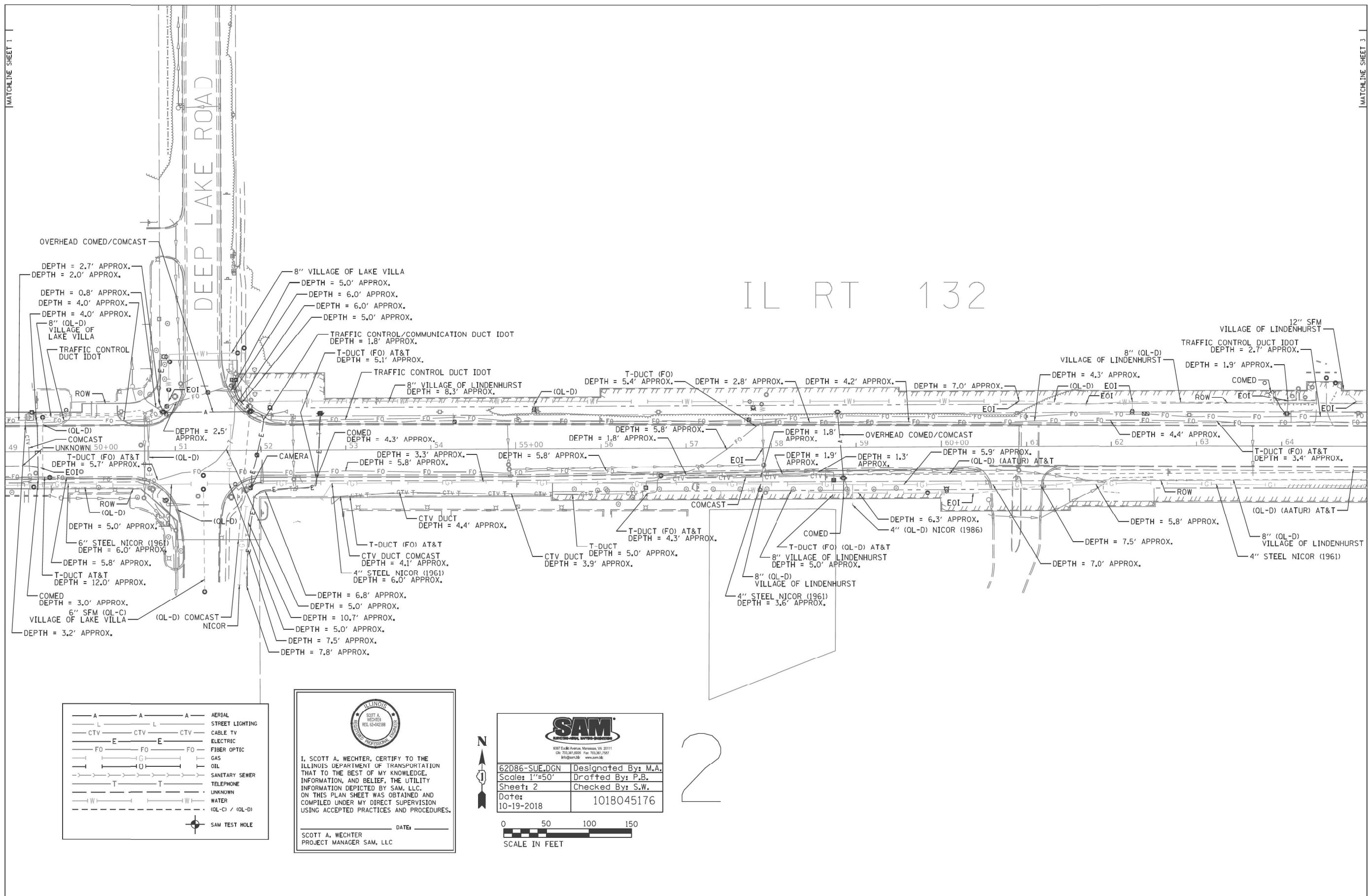
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/2/2021	CHECKED -	REVISED -
	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 132
SUBSURFACE UTILITY ENGINEERING

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	80
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				



I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.
 DATE: _____
 SCOTT A. WECHTER
 PROJECT MANAGER SAM, LLC

62086-SUE.DGN Designated By: M.A.
 Scale: 1"=50' Drafted By: P.B.
 Sheet: 2 Checked By: S.W.
 Date: 10-19-2018 1018045176
 0 50 100 150
 SCALE IN FEET

2

MODEL: Default
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 USER: nschilling
 PLOT SCALE: 100,0000' / in.
 PLOT DATE: 5/2/2021



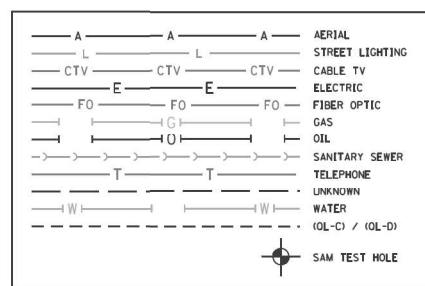
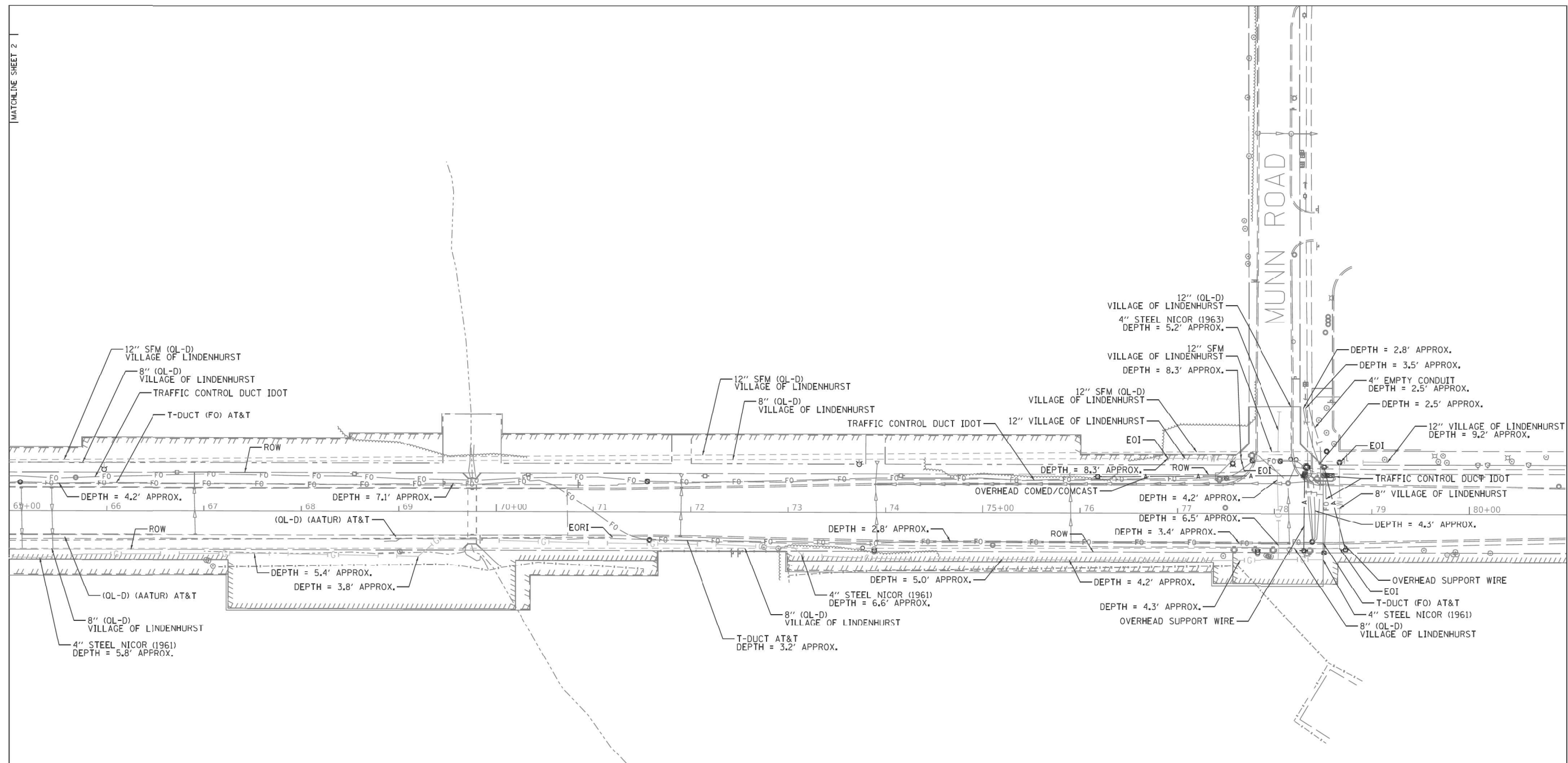
USER NAME = nschilling	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/2/2021	CHECKED -	REVISED -
	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 132			
SUBSURFACE UTILITY ENGINEERING			
SCALE:	SHEET 3	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	81
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				

MATCHLINE SHEET 2



ILLINOIS
 REGISTERED PROFESSIONAL ENGINEER
 I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.
 DATE: _____
 SCOTT A. WECHTER
 PROJECT MANAGER SAM, LLC

SAM
 SURFACE-MONITORING AND UTILITY ENGINEERS
 6107 Euclid Avenue, Mokena, IL 60451
 (815) 481-2000 Fax (815) 481-2507
 krl@samllc.com samllc.com

62086-SUE.DGN Designated By: M.A.
 Scale: 1"=50' Drafted By: P.B.
 Sheet: 3 Checked By: S.W.
 Date: 10-19-2018 1018045176

0 50 100 150
 SCALE IN FEET

3

MODEL: Default
 FILE NAME: p:\projects\62086-sue\62086-sue.dgn



USER NAME = nschilling	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/2/2021	CHECKED -	REVISED -
	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 132 SUBSURFACE UTILITY ENGINEERING			
SCALE:	SHEET 4	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	82
CONTRACT NO. 62086				
ILLINOIS FED. AID PROJECT				

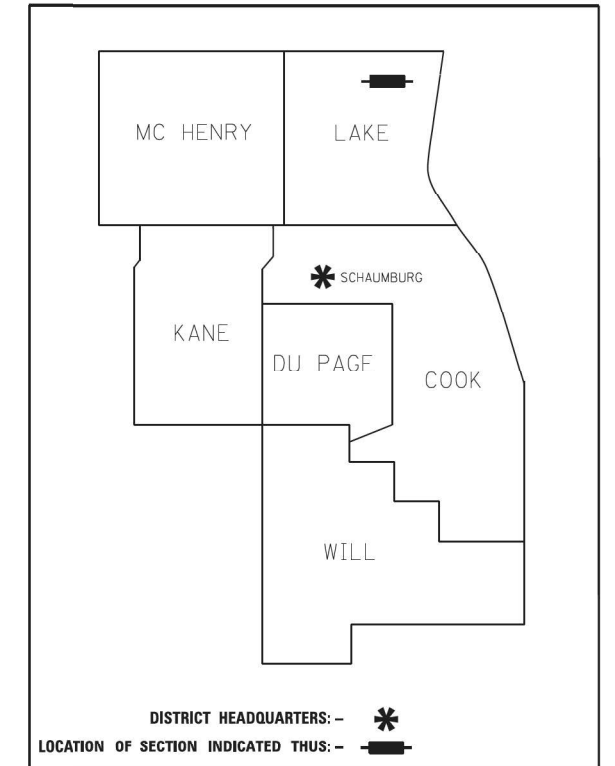
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

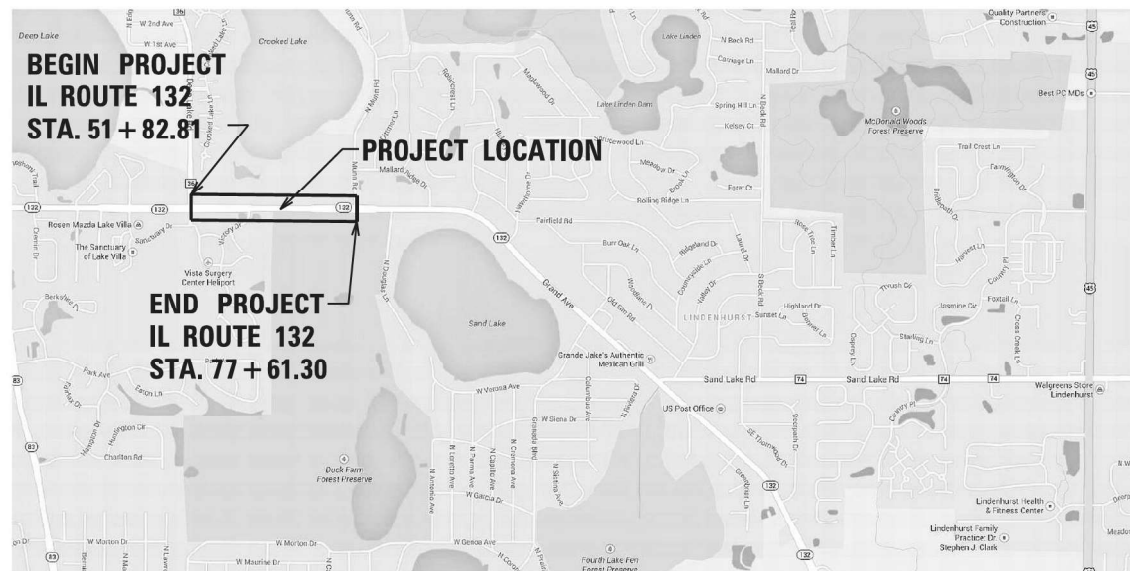
ROUTE: IL ROUTE 132 (GRAND AVENUE)
SECTION:
COUNTY: LAKE
LIMITS: DEEP LAKE ROAD TO MUNN ROAD

JOB NO.: R-91-008-17

PARCEL NUMBER	OWNERS	SHEET NUMBER	PROPERTY ACQUIRED BY
1MLO001PEA 1MLO001PEB 1MLO001PEC 1MLO001TEA 1MLO001TEB 1MLO001TEC 1MLO002	LAKE COUNTY FOREST PRESERVE DISTRICT, A BODY CORPORATE AND POLITIC	4, 5	
1MLO002TEA 1MLO002TEB 1MLO002TEC 1MLO002TED	COLTMAN LINDENHURST, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	2, 3, 4, 5	
1MLO003 1MLO003TE	WAUKEGAN ILLINOIS HOSPITAL COMPANY, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	2, 3	
1MLO004 1MLO004TEA 1MLO004TEB	FRANCISCAN COMMUNITIES INC., AN INDIANA NONPROFIT CORPORATION	3, 4	
1MLO005 1MLO005TE	SPEEDWAY EAT#3 LLC, A DELAWARE LIMITED LIABILITY COMPANY	2	



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



LOCATION MAP

GROSS LENGTH = 2588.49 FT. = 0.49 MILES
NET LENGTH = 2588.49 FT. = 0.49 MILES

SANCHEZ 8804 W. CATALPA AVE STE 912 CHICAGO, IL 60658 PHONE 773-444-5144 FAX 847-252-2104

REV. 10 / 05 / 2017 BY: G.C.

IDOT USE ONLY

RECEIVED

OCT 13 2017

PLATS & LEGALS

MODEL: Default
FILE NAME: s:\projects\12_3_CADD\12_3_Draft\12_3_CADD\SHEETS\62DB6-5-IT-R-001.dwg



USER NAME = nschilling	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/2/2021	CHECKED -	REVISED -
	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

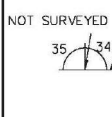
IL ROUTE 132
PLAT OF HIGHWAYS

SCALE: SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	83
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

PART OF THE NW 1/4 OF SECTION 3 OF TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
PART OF THE SW 1/4 OF SECTION 34 OF TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

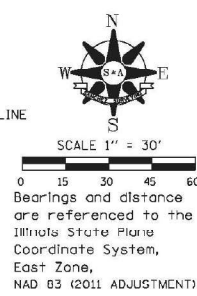
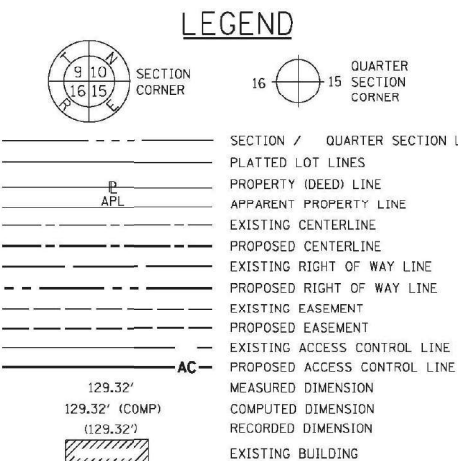
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PERMANENT INDEX NUMBER
1MLO002		2.738					
1MLO002TED					0.174		
1MLO002TEA	31.032		2.138	28.294	0.123		02-34-300-015 formerly 02-34-300-011 pt.
1MLO002TEB					0.121		
1MLO002TEC					0.634		
1MLO003	29.434	0.102	0.018	29.332			06-03-104-002, 06-03-104-003, 06-03-100-050,
1MLO003TE					0.083		06-03-100-049, 06-03-100-045
1MLO005	1.968	0.062	0.000	1.906			02-34-305-001
1MLO005TE					0.096		



PROJECT COORDINATES				
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)				
POINT #	NORTHING	EASTING	STATION	OFFSET
624	2094045.76	1059118.77	55+87.03	50.70' RT
625	2094045.85	1059074.64	55+42.90	50.39' RT
626	2094036.24	1059074.69	55+42.90	60.00' RT
627	2094057.87	1059118.86	55+87.18	38.59' RT
628	2094060.47	1058719.48	51+87.82	34.00' RT
629	2094045.46	1058719.30	51+87.56	49.01' RT
631	2094185.40	1058703.94	51+72.80	71.01' LT
633	2094140.51	1058729.05	51+97.79	45.99' LT
634	2094164.49	1058723.75	51+92.61	70.00' LT
635	2094164.80	1058786.14	52+55.00	70.00' LT
636	2094144.80	1058786.24	52+55.00	50.00' LT
637	2094184.90	1058806.04	52+75.00	90.00' LT
638	2094154.90	1058806.19	52+75.00	60.00' LT
639	2094140.88	1059063.90	55+32.64	44.69' LT
640	2094156.53	1059131.19	56+00.00	60.00' LT
641	2094166.53	1059131.14	56+00.00	70.00' LT
674	2094060.88	1059063.72	55+32.05	35.31' RT
708	2094045.87	1059063.69	55+31.95	50.32' RT
712	2094060.76	1059118.88	55+87.21	35.70' RT
713	2094155.88	1059002.75	54+71.56	60.00' LT
714	2094145.88	1059002.80	54+71.56	50.00' LT
715	2094140.98	1059002.83	54+71.57	45.10' LT
716	2094145.45	1058714.02	51+82.78	52.01' LT
718	2094174.34	1058713.90	51+82.81	79.90' LT
720	2094184.44	1058713.86	51+82.81	90.00' LT
726	2094097.82	1059003.06	54+71.58	1.94' LT
805	2094097.66	1058664.22	51+32.74	3.47' LT

LINE TABLE		
NUM	BEARING	DISTANCE
L161	N00°25'06"E	12.11'
L162	N00°17'11"W	10.00'
L178	S00°17'11"E	20.00'
L183	N00°17'11"W	9.61'
L190	S44°59'58"E	13.94'
L195	N00°41'26"E	12.23'
L196	N00°41'26"E	2.77'
L203	S89°53'16"E	44.13'
L210	S89°53'16"E	10.95'
L212	N00°25'06"E	15.00'
L213	N00°14'32"W	10.10'
L214	N00°14'32"W	28.90'
L218	S00°18'23"E	10.00'
L219	S00°18'23"E	4.90'
L220	N00°18'23"W	43.16'

CURVE TABLE					
CURVE	DELTA	ARC DISTANCE	RADIUS	CHORD BEARING	CHORD
C3A	36°53'08"	16.09'	25.00'	N71°48'54"W	15.82'
C3B	53°07'48"	23.18'	25.00'	N26°48'26"W	22.36'
C4A	00°04'16"	61.08'	49150.68'	N89°54'11"W	61.08'
C4B	00°19'09"	273.78'	49150.68'	S89°54'06"W	273.78'
C5	00°24'08"	344.38'	49055.70'	S89°55'52"W	344.38'
C6	00°24'07"	344.24'	49070.68'	N89°55'53"E	344.24'



ABBREVIATIONS:
P.O.C. - POINT OF COMMENCEMENT
P.O.B. - POINT OF BEGINNING

- SURVEY NOTES**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.9999499714.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - IRON PIPE OR ROD FOUND ⊙ "MAG" NAIL SET
 - CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
 - 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.
 - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

DEEP LAKE ROAD

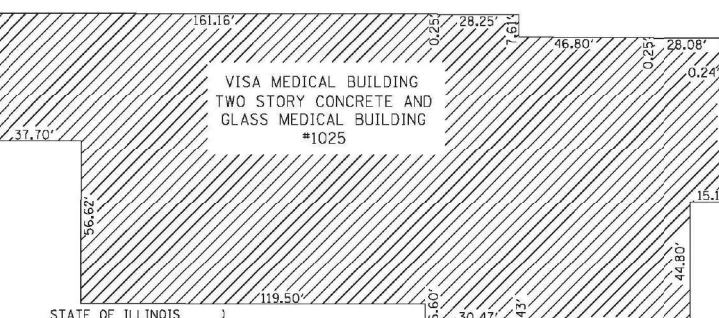
LOT 1
FINAL PLAT OF SPEEDWAY
LINDENHURST SUBDIVISION
RECORDED 01/12/2016 AS
DOCUMENT 7261056

SPEEDWAY EAT#3 LLC,
A DELAWARE LIMITED LIABILITY COMPANY
02-34-305-001

IL ROUTE 132 (GRAND AVENUE)

PROPOSED TEMPORARY EASEMENT
WALKEGAN ILLINOIS HOSPITAL COMPANY, LLC,
AN ILLINOIS LIMITED LIABILITY COMPANY

06-03-104-002
06-03-104-003
06-03-100-050
06-03-100-049
06-03-100-046



STATE OF ILLINOIS
COUNTY OF COOK

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 2, TOWNSHIP 45 NORTH, RANGE 10 EAST AND SECTION 34, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 20 DAY OF MARCH 2017 A.D.

GERARDO P. SANCHEZ, PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
ILLINOIS PROFESSIONAL DESIGN FIRM REGISTRATION NO.: 184-004601

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



IDOT USE ONLY
RECEIVED
DEC 12 2017
PLATS & LEGALS



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 132 (GRAND AVENUE) (SA-ROUTE 6)
LIMITS: DEEP LAKE TO MUNN COUNTY: LAKE

SECTIONS: 51+82.81
JOB NO.: R-91-008-17
STATION 56+18.00 TO STATION 56+18.00
SCALE: 1"=30'
SHEET 02 OF 08

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

REVISION DATE: 10/05/17 REVISION MADE BY: G.C.



USER NAME	DESIGNED	REVISED
nschilling	-	-
	DRAWN	-
	CHECKED	-
	DATE	3/30/21

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

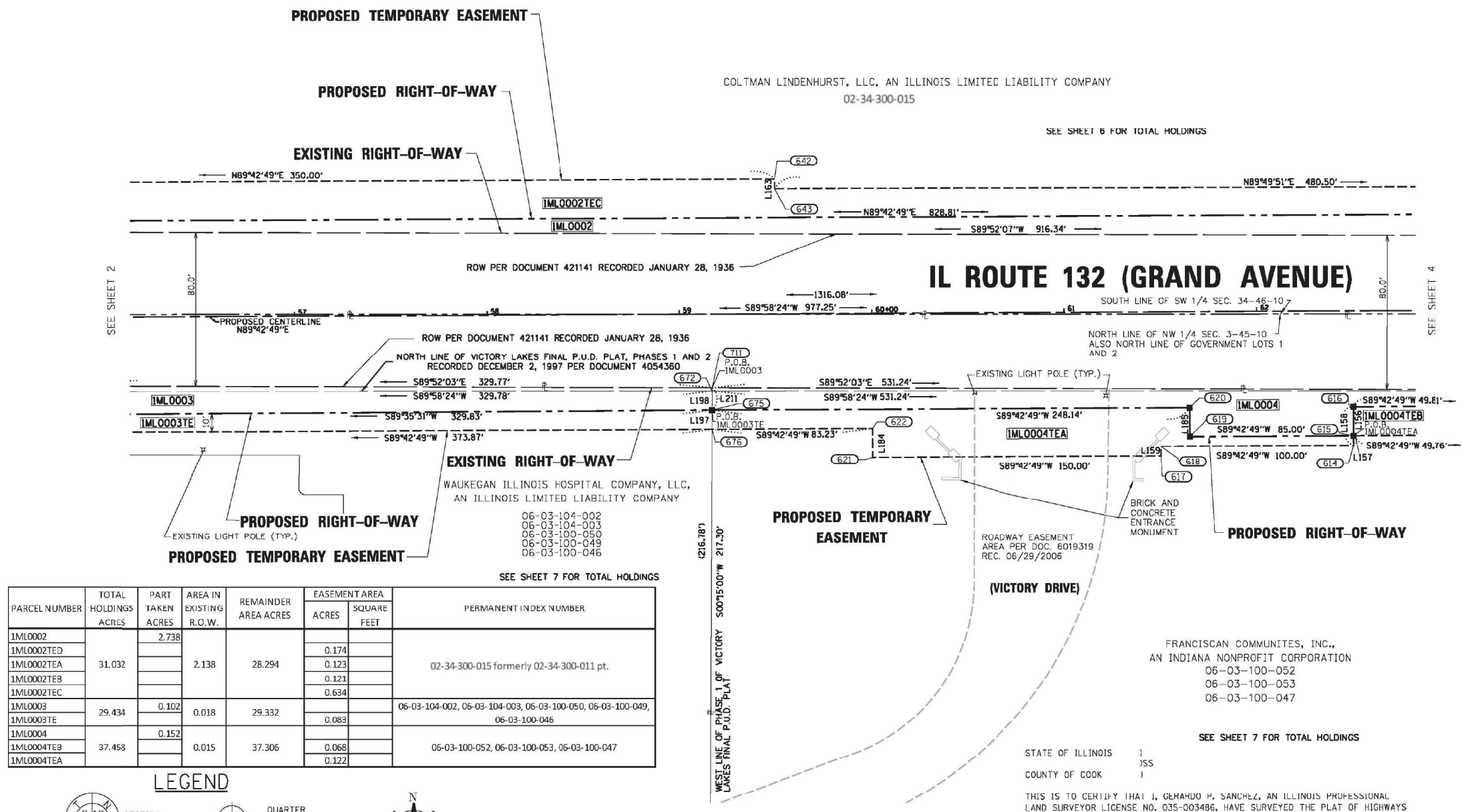
IL ROUTE 132
PLAT OF HIGHWAYS

SCALE:	SHEET 2	OF 12 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	84
CONTRACT NO. 62D86				
ILLINOIS FED. AID PROJECT				

PART OF THE NW 1/4 OF SECTION 3 OF TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
 PART OF THE SW 1/4 OF SECTION 34 OF TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LINE TABLE		
NUM	BEARING	DISTANCE
L156	S00°17'11"E	15.00'
L157	S00°17'11"E	5.00'
L158	S00°17'11"E	20.00'
L159	S00°17'11"E	5.00'
L163	S00°17'11"E	5.00'
L184	N00°17'11"W	15.00'
L185	N00°17'11"W	15.00'
L197	N00°15'00"E	10.00'
L198	N00°15'00"E	9.91'
L211	N00°15'00"E	11.89'



PROJECT COORDINATES				
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)				
POINT TABLE				
POINT #	NORTHING	EASTING	STATION	OFFSET
614	2094029.78	1059781.83	62+50.00	70.00' RT
615	2094034.78	1059781.80	62+50.00	65.00' RT
616	2094049.78	1059781.73	62+50.00	50.00' RT
617	2094024.28	1059681.85	61+50.00	75.00' RT
618	2094029.28	1059681.83	61+50.00	70.00' RT
619	2094034.35	1059696.80	61+65.00	65.00' RT
620	2094049.35	1059696.73	61+65.00	50.00' RT
621	2094023.53	1059531.86	60+00.00	75.00' RT
622	2094038.53	1059531.78	60+00.00	60.00' RT
642	2094168.28	1059481.13	59+50.00	70.00' LT
643	2094163.28	1059481.13	59+50.00	65.00' LT
672	2094058.03	1059448.64	59+16.95	40.09' RT
675	2094048.11	1059448.59	59+16.86	50.00' RT
676	2094038.11	1059448.55	59+16.77	60.00' RT
711	2094060.00	1059448.65	59+16.97	38.11' RT

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PERMANENT INDEX NUMBER
IML0002		2.738					
IML0002TED					0.174		
IML0002TEA	31.032		2.138	28.294	0.123		02-34-300-015 formerly 02-34-300-011 pt.
IML0002TEB					0.121		
IML0002TEC					0.634		
IML0003	29.434	0.102	0.018	29.332			06-03-104-002, 06-03-104-003, 06-03-100-050, 06-03-100-049, 06-03-100-046
IML0003TE					0.083		
IML0004		0.152					
IML0004TEB	37.458		0.015	37.306	0.068		06-03-100-052, 06-03-100-053, 06-03-100-047
IML0004TEA					0.122		

LEGEND

SECTION CORNER: 9 10 15 16

QUARTER SECTION CORNER: 16 15

APL: 129.32' (129.32')

AC: 129.32' (129.32')

MEASURED DIMENSION: 129.32'

COMPUTED DIMENSION: (129.32')

RECORDED DIMENSION: 129.32'

EXISTING BUILDING: [Hatched Box]

SECTION / QUARTER SECTION LINE: [Dashed Line]

PLATTED LOT LINES: [Solid Line]

PROPERTY (DEED) LINE: [Solid Line]

APPARENT PROPERTY LINE: [Dashed Line]

EXISTING CENTERLINE: [Dashed Line]

PROPOSED CENTERLINE: [Dashed Line]

EXISTING RIGHT OF WAY LINE: [Dashed Line]

PROPOSED RIGHT OF WAY LINE: [Dashed Line]

EXISTING EASEMENT: [Dashed Line]

PROPOSED EASEMENT: [Dashed Line]

EXISTING ACCESS CONTROL LINE: [Dashed Line]

PROPOSED ACCESS CONTROL LINE: [Dashed Line]

ABBREVIATIONS:

P.O.C. - POINT OF COMMENCEMENT

P.O.B. - POINT OF BEGINNING

SURVEY NOTES

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.9999499714.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- 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.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF COOK)

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 2, TOWNSHIP 45 NORTH, RANGE 10 EAST AND SECTION 34, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 20 DAY OF MARCH 2017 A.D.

GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018

ILLINOIS PROFESSIONAL DESIGN FIRM REGISTRATION NO.: 184-004601

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

REVISION DATE: 10/05/17 REVISION MADE BY: G.C.

SANCHEZ

8804 W. CALIFORNIA AVE. SUITE 8712
 CHICAGO, IL 60656
 PHONE 773-444-9144
 FAX 847-232-9104

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 132 (GRAND AVENUE) (SA-ROUTE 6)
 LIMITS: DEEP LAKE TO MUNN COUNTY: LAKE

SECTIONS: 56+18.00 JOB NO.: R-91-008-17
 STATION 56+18.00 TO STATION 62+82.79
 SCALE: 1"=30' SHEET 03 OF 08

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

RECEIVED
 DEC 12 2017
 PLATS & LEGALS

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/2/2021	CHECKED -	REVISED -
	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

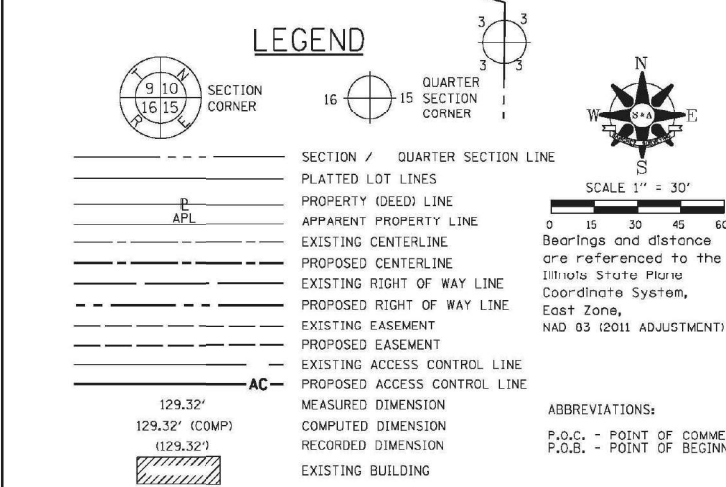
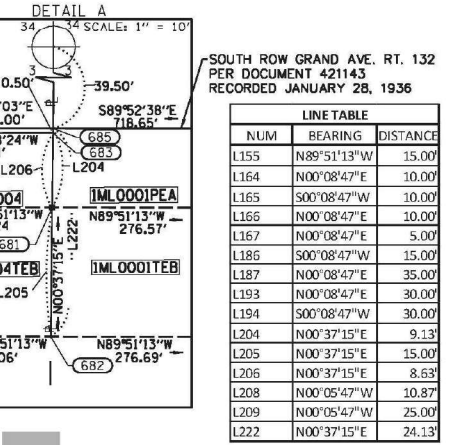
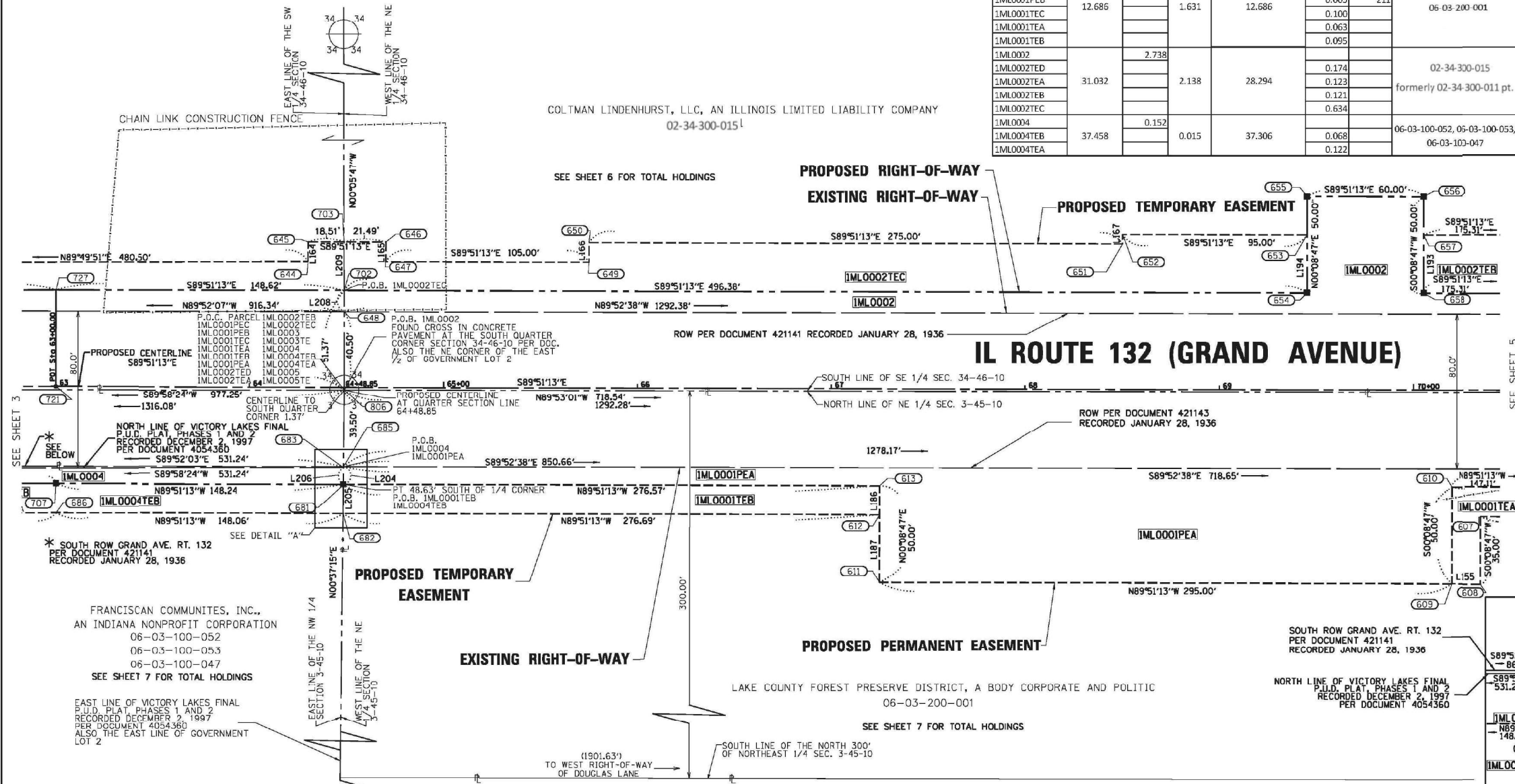
IL ROUTE 132 PLAT OF HIGHWAYS			
SCALE:	SHEET 3	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	85
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

PART OF THE NW 1/4 OF SECTION 3 OF TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
 PART OF THE SW 1/4 OF SECTION 34 OF TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
 PART OF THE NE 1/4 OF SECTION 3 OF TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
 PART OF THE SE 1/4 OF SECTION 34 OF TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W.	REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET	
1ML0001PEC	12.686		1.631	12.686	0.095		06-03-200-001
1ML0001PEA					0.492		
1ML0001PEB					0.005	211	
1ML0001TEC					0.100		
1ML0001TEA					0.063		
1ML0001TEB	0.095						
1ML0002	31.032	2.738	2.138	28.294	0.174		02-34-300-015 formerly 02-34-300-011 pt.
1ML0002TED					0.123		
1ML0002TEA					0.121		
1ML0002TEC					0.634		
1ML0004	37.458	0.152	0.015	37.306	0.068		06-03-100-052, 06-03-100-053, 06-03-103-047
1ML0004TEB					0.122		
1ML0004TEA							

PROJECT COORDINATES			
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)			
POINT #	NORTHING	EASTING	STATION / OFFSET
607	2094033.15	1060566.31	70+35.00 65.00 RT
608	2093998.15	1060566.22	70+35.00 100.00 RT
609	2093998.14	1060551.22	70+30.00 100.00 RT
610	2094048.19	1060551.35	70+20.00 50.00 RT
611	2093998.94	1060256.22	67+25.00 100.00 RT
612	2094033.94	1060256.31	67+25.00 65.00 RT
613	2094048.94	1060256.35	67+25.00 50.00 RT
644	2094164.69	1059951.65	64+30.00 65.00 LT
645	2094174.69	1059951.67	64+30.00 75.00 LT
646	2094174.59	1060001.67	64+70.00 75.00 LT
647	2094164.59	1060001.65	64+70.00 65.00 LT
648	2094138.77	1059980.24	64+48.66 39.13 LT
649	2094164.32	1060106.64	65+75.00 65.00 LT
650	2094174.32	1060106.67	65+75.00 75.00 LT
651	2094173.62	1060381.67	68+50.00 75.00 LT
652	2094178.62	1060381.68	68+50.00 80.00 LT
653	2094178.38	1060476.68	69+45.00 80.00 LT
654	2094148.38	1060476.61	69+45.00 50.00 LT
655	2094198.38	1060476.73	69+45.00 100.00 LT
656	2094198.22	106036.73	70+05.00 100.00 LT
657	2094178.22	106036.68	70+05.00 80.00 LT
658	2094148.22	106036.60	70+05.00 50.00 LT
681	2094049.65	1059979.78	64+48.43 50.00 RT
682	2094034.65	1059979.62	64+48.31 65.00 RT
683	2094058.27	1059979.87	64+48.50 41.38 RT
685	2094058.77	1059979.88	64+48.51 40.87 RT
686	2094035.03	1059831.56	62+99.75 65.00 RT
702	2094149.65	1059980.22	64+48.61 50.00 LT
703	2094174.65	1059980.18	64+48.51 75.00 LT
707	2094050.03	1059831.54	62+99.81 50.00 RT
721	2094100.03	1059831.48	63+00.00 0.00
727	2094150.03	1059831.61	63+00.00 50.00 LT
806	2094098.27	1059980.31	64+48.51 1.37 RT



SURVEY NOTES

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) 'GRID'.
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.9999499714.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- 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.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

ABBREVIATIONS:
 P.O.C. - POINT OF COMMENCEMENT
 P.O.B. - POINT OF BEGINNING

STATE OF ILLINOIS)
 COUNTY OF COOK)

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 2, TOWNSHIP 45 NORTH, RANGE 10 EAST AND SECTION 34, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 20 DAY OF MARCH 2017 A.D.

GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018

ILLINOIS PROFESSIONAL DESIGN FIRM REGISTRATION NO.: 184-004601

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

REVISION DATE: 10/05/17 REVISION MADE BY: G.C.

SANCHEZ
 8806 W. CALALFA AVE. STE 112
 CHICAGO, IL 60658
 PHONE 773-444-9144
 FAX 773-232-3104

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 132 (GRAND AVENUE) (SA-ROUTE 6)
 LIMITS: DEEP LAKE TO MUNN COUNTY; LAKE

SECTIONS: 62+82.79 TO STATION 70+44.94
 SCALE: 1"=30'
 SHEET 04 OF 08

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

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 USER: jcs@patrickco.com

PART OF THE SE 1/4 OF SECTION 34 OF TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
PART OF THE NE 1/4 OF SECTION 3 OF TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

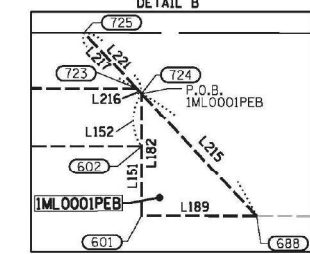
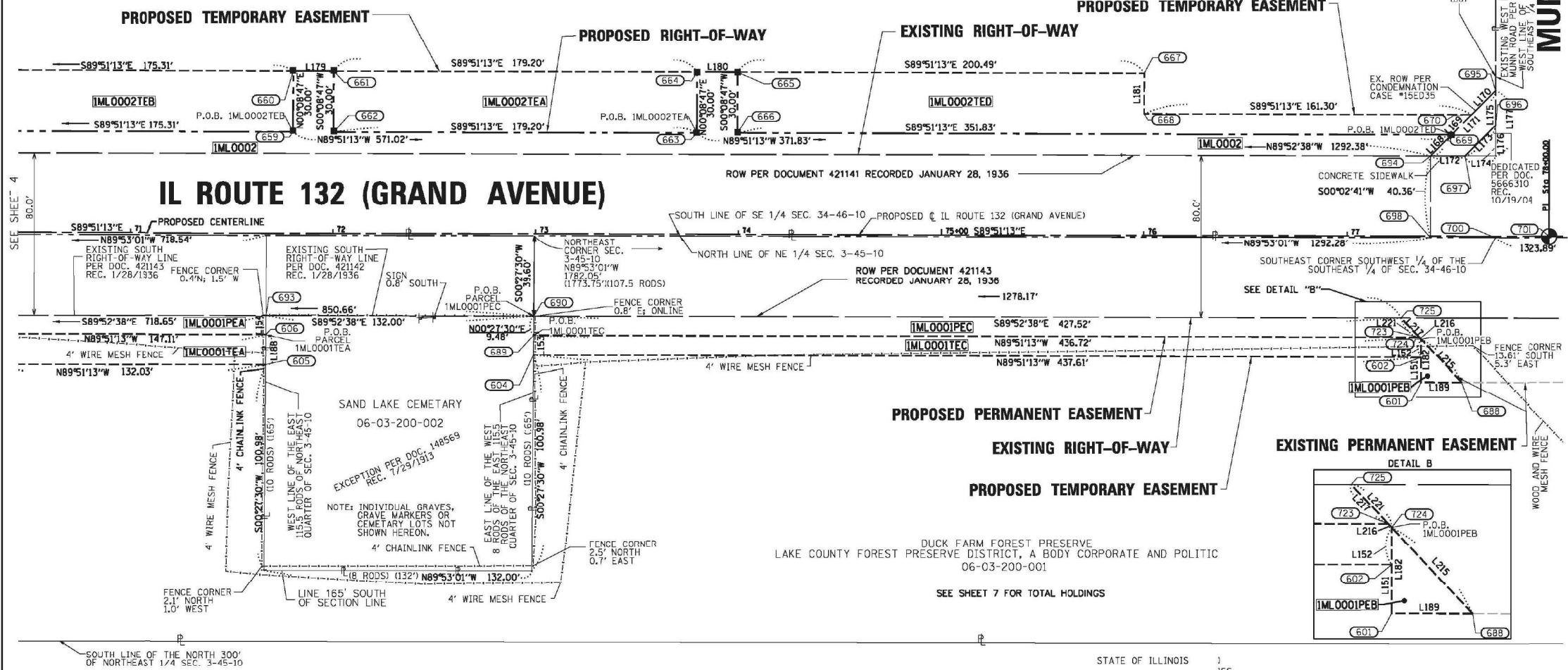
Table with 7 columns: PARCEL NUMBER, TOTAL HOLDINGS ACRES, PART TAKEN ACRES, AREA IN EXISTING R.O.W., REMAINDER AREA ACRES, EASEMENT AREA ACRES/SQUARE FEET, PERMANENT INDEX NUMBER.

COLTMAN LINDENHURST, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY
02-34-300-015

SEE SHEET 6 FOR TOTAL HOLDINGS

Two LINE TABLES with columns: NUM, BEARING, DISTANCE. One for lines 175-181 and one for lines 182-188.

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011) POINT TABLE with columns: POINT #, NORTHING, EASTING, STATION, OFFSET.



PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011) POINT TABLE with columns: POINT #, NORTHING, EASTING, STATION, OFFSET.

LEGEND: SECTION CORNER, QUARTER SECTION CORNER, SECTION / QUARTER SECTION LINE, PLATTED LOT LINES, PROPERTY (DEED) LINE, APPARENT PROPERTY LINE, EXISTING CENTERLINE, PROPOSED CENTERLINE, EXISTING RIGHT OF WAY LINE, PROPOSED RIGHT OF WAY LINE, EXISTING EASEMENT, PROPOSED EASEMENT, EXISTING ACCESS CONTROL LINE, PROPOSED ACCESS CONTROL LINE, MEASURED DIMENSION, COMPUTED DIMENSION, RECORDED DIMENSION, EXISTING BUILDING. Includes scale 1" = 30' and a north arrow.

SURVEY NOTES: ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID". ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.9999499714. AREAS SHOWN ON THIS PLAT ARE "GROUND". SURVEY MARKERS: IRON PIPE OR ROD FOUND, 'MAG' NAIL SET, CUT CROSS FOUND OR SET, 5 / 8" REBAR SET. 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. PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS). RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
COUNTY OF COOK)
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 HEREIN IN SECTION 2, TOWNSHIP 45 NORTH, RANGE 10 EAST AND SECTION 34, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 20 DAY OF MARCH 2017 A.D.
GERARDO P. SANCHEZ, PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
ILLINOIS PROFESSIONAL DESIGN FIRM REGISTRATION NO.: 184-004601
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
REVISION DATE: 10/05/17 REVISION MADE BY: G.C.

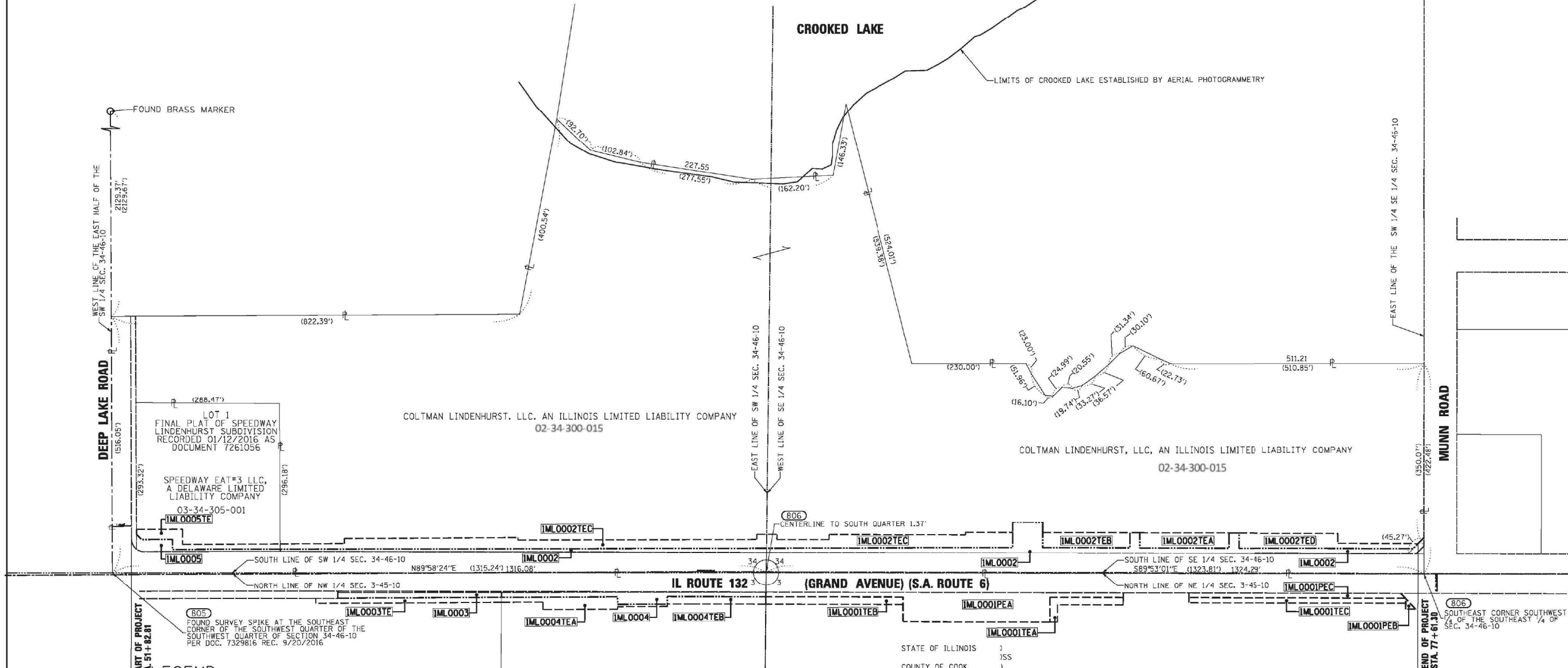
SANCHEZ 8804 W. CALIFORNIA AVE. #116 8712 CHICAGO, IL 60668 PHONE 773-444-9144 FAX 847-232-3104

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 132 (GRAND AVENUE) (SA-ROUTE 6) LIMITS: DEEP LAKE TO MUNN COUNTY: LAKE SECTIONS: STATION 70+44.94 TO STATION 77+61.30 SCALE: 1"=30' SHEET 05 OF 08 BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196

RECEIVED DEC 12 2017 PLATS & LEGALS

PART OF THE NW 1/4 OF SECTION 3 OF TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
 PART OF THE NE 1/4 OF SECTION 3 OF TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
 PART OF THE SW 1/4 OF SECTION 34 OF TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
 PART OF THE SE 1/4 OF SECTION 34 OF TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

TOTAL HOLDINGS PARCEL 1ML0002



LEGEND

	SECTION CORNER		QUARTER SECTION CORNER
	PLATTED LOT LINES		PROPERTY (DEED) LINE
	APPARENT PROPERTY LINE		EXISTING CENTERLINE
	PROPOSED CENTERLINE		EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE		EXISTING EASEMENT
	PROPOSED EASEMENT		EXISTING ACCESS CONTROL LINE
	PROPOSED ACCESS CONTROL LINE		MEASURED DIMENSION
	COMPUTED DIMENSION		RECORDED DIMENSION
	EXISTING BUILDING		

129.32' (COMP)
129.32' (129.32')

SCALE
1" = 100'

BEARINGS AND DISTANCE
are referenced to the Illinois State Plane Coordinate System, East Zone, NAD 83 (2011 ADJUSTMENT)

ABBREVIATIONS:
P.O.C. - POINT OF COMMENCEMENT
P.O.B. - POINT OF BEGINNING

SURVEY NOTES

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
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- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- IRON PIPE OR ROD FOUND ⊙ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
- **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.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF COOK)

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 2, TOWNSHIP 45 NORTH, RANGE 10 EAST AND SECTION 34, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 20 DAY OF MARCH 2017 A.D.

GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018

ILLINOIS PROFESSIONAL DESIGN FIRM REGISTRATION NO.: 184-004601

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

REVISION DATE: 10/05/17 REVISION MADE BY: G.C.

SANCHEZ
8804 W. CALIFORNIA AVE. SUITE 912
CHICAGO, IL 60660
PHONE 773-444-9144
FAX 847-232-3104

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 132 (GRAND AVENUE) (SA-ROUTE 6)
LIMITS: DEEP LAKE TO MUNN COUNTY: LAKE

SECTION 51+82.81
STATION 51+82.81
SCALE: 1"=100'

JOB NO.: R-91-008-17
TO STATION 77+61.30
SHEET 06OF 08

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

RECEIVED
DEC 12 2017
PLATS & LEGALS



USER NAME = nshrilling	DESIGNED -	REVISED -
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PLOT DATE = 5/2/2021	CHECKED -	REVISED -
	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

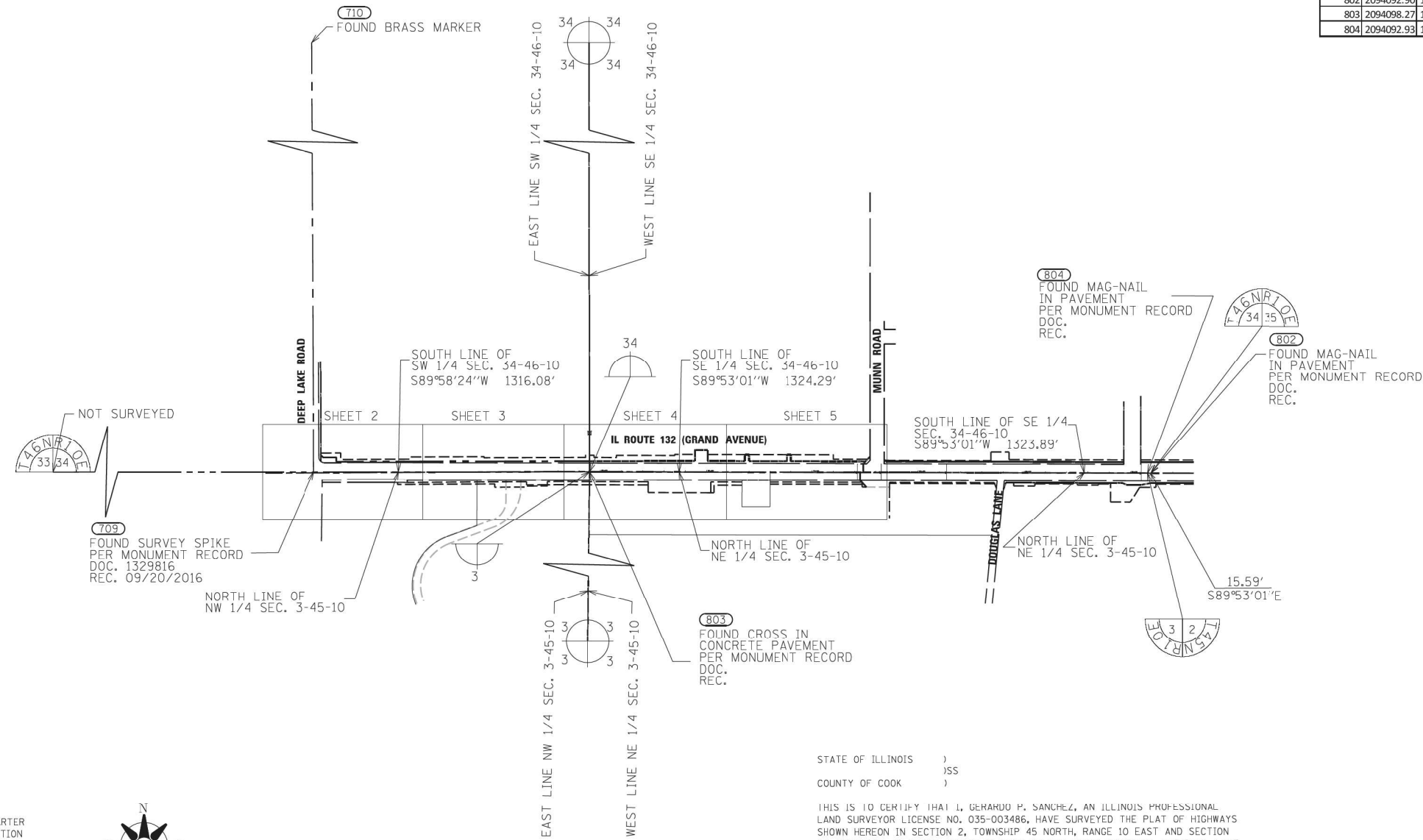
IL ROUTE 132
PLAT OF HIGHWAYS

SCALE: SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	88
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

PART OF THE NE & NW 1/4 OF SECTION 3 OF TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
 PART OF THE SE & SW 1/4 OF SECTION 34 OF TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PROJECT COORDINATES			
ILLINOIS STATE PLANE, EAST ZONE, NAD 83(2011)			
POINT TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
709	2094097.66	1058664.22	FOUND SURVEY SPIKE
710	2096743.00	1058653.04	FOUND BRASS MARKER
802	2094092.90	1062628.48	FOUND MAGNAIL
803	2094098.27	1059980.31	FOUND CROSS
804	2094092.93	1062612.89	FOUND MAGNAIL



LEGEND

	SECTION CORNER		QUARTER SECTION CORNER
	SECTION / QUARTER SECTION LINE		PROPERTY (DEED) LINE
	PLATTED LOT LINES		APPARENT PROPERTY LINE
	EXISTING CENTERLINE		PROPOSED CENTERLINE
	EXISTING RIGHT OF WAY LINE		PROPOSED RIGHT OF WAY LINE
	EXISTING EASEMENT		PROPOSED EASEMENT
	EXISTING ACCESS CONTROL LINE		MEASURED DIMENSION
	PROPOSED ACCESS CONTROL LINE		COMPUTED DIMENSION
	RECORDED DIMENSION		EXISTING BUILDING

SCALE 1" = 300'

Bearings and distance are referenced to the Illinois State Plane Coordinate System, East Zone, NAD 83 (2011 ADJUSTMENT)

ABBREVIATIONS:
 P.O.C. - POINT OF COMMENCEMENT
 P.O.B. - POINT OF BEGINNING

SURVEY NOTES

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
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- AREAS SHOWN ON THIS PLAT ARE "GROUND".
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- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- 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.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
) SS
 COUNTY OF COOK)

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 2, TOWNSHIP 45 NORTH, RANGE 10 EAST AND SECTION 34, TOWNSHIP 46 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 20 DAY OF MARCH 2017 A.D.

Gerardo P. Sanchez
 GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018

ILLINOIS PROFESSIONAL DESIGN FIRM REGISTRATION NO.: 184-004601

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

REVISION DATE: 06/16/17 REVISION MADE BY: G.C.

SANCHEZ
 8804 W. LAKEVIEW AVE. STE 912
 CHICAGO, IL 60656
 PHONE 773-444-0144
 FAX 847-232-3104

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 132 (GRAND AVENUE) (SA-ROUTE 6)
 LIMITS: DEEP LAKE TO MUNN COUNTY: LAKE

SECTIONS: JOB NO.: R-91-008-17
 STATION 51+82.45 TO STATION 78+07.44
 SCALE: 1"=300' SHEET 08 OF 08

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

RECEIVED
 JUN 19 2017
 PLATS & LEGALS

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 DATE: 3/30/21
 PLOT SCALE: 100,0000' / in.
 PLOT DATE: 5/2/2021



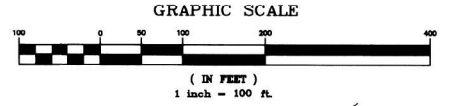
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 132		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLAT OF HIGHWAYS		541	A-WGRS-2	LAKE	205	90
SCALE:	SHEET 8	OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 62DB6	
				ILLINOIS	FED. AID PROJECT	

FINAL PLAT OF SUBDIVISION COLTMAN SUBDIVISION

BEING A SUBDIVISION OF PART OF THE SOUTHEAST AND SOUTHWEST QUARTERS OF SECTION 34, TOWNSHIP 45 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS.



P.I.N. 02-34-300-011

BOUNDARY LINE TABLE with columns: LINE, BEARING, DISTANCE. Rows L56-L60.

Insured 057715700005 Type: PSB Record#: 10/10/2018 ST 01:20:00 PM Receipt#: 2018-00009688 Page: 1 of 2 Fees: \$75.00 IL Central Housing Fund: \$9.00 Lake County IL Recorder: Harry Ellen Vanderwerker Recorder File#: 7518355

BASIS OF BEARINGS MEASURED BEARINGS ARE BASED ON NAD83 - ILLINOIS STATE PLANE COORDINATES - EAST ZONE.

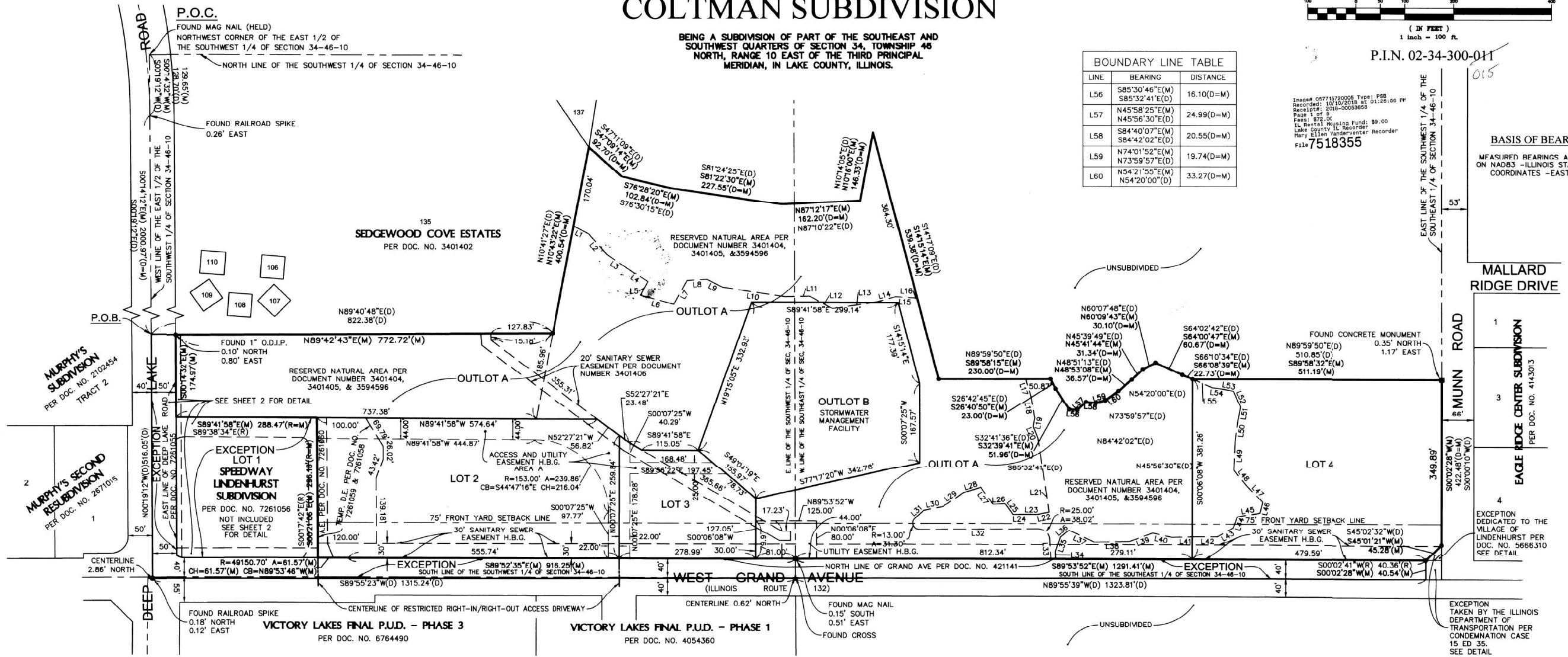


Table with columns: DATE, BY, CHECKED BY, etc. for various stages of the project.

PROJECT: COLTMAN SUBDIVISION VILLAGE OF LINDENHURST, ILLINOIS CLIENT: AYRES ASSOCIATES SURVEYING LTD.

LEGEND: SET 7/8" O.D.I.P. UNLESS OTHERWISE NOTED. SET CONCRETE MONUMENT UNLESS OTHERWISE NOTED. SET CROSS IN CONCRETE UNLESS OTHERWISE NOTED.

EASEMENT LINE TABLE with columns: LINE, BEARING, DISTANCE. Rows L1-L17.

EASEMENT LINE TABLE with columns: LINE, BEARING, DISTANCE. Rows L21-L39.

EASEMENT LINE TABLE with columns: LINE, BEARING, DISTANCE. Rows L41-L55.

BLANKET DRAINAGE, STORMWATER MANAGEMENT, STORMWATER CONVEYANCE, AND DETENTION/RETENTION EASEMENT FOR OUTLOT B

THE VILLAGE OF LINDENHURST IS HEREBY GRANTED AND RESERVED THE RIGHTS OF ACCESS TO, USE OF, AND THE OPERATION AND MAINTENANCE OF 3.7 ACRE FEET OF VOLUME OF STORMWATER DETENTION/RETENTION AS PROVIDED FOR IN THIS PARCEL OF PROPERTY FOR THE PURPOSES OF STORMWATER DETENTION/RETENTION MANAGEMENT OF STORMWATER DETENTION/RETENTION AND CONVEYANCE OF STORMWATER TO THE DETENTION/RETENTION BASIN OR BASINS, AND, IF NECESSARY, FOR THE MAINTENANCE OF THE CONVEYANCE ROUTES AND THE DETENTION/RETENTION BASIN OR BASINS.

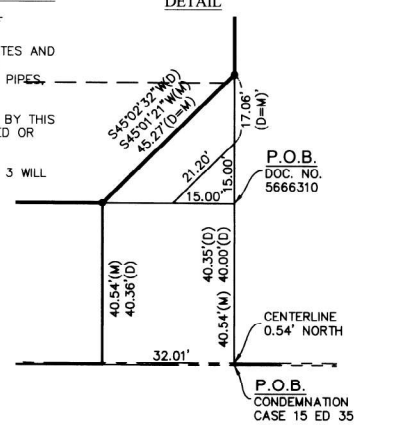
THE ACCESS AND UTILITY EASEMENT NOTED AS AREA A ACROSS LOTS 2 AND 3 MAY BE UTILIZED FOR TEMPORARY OPEN DRAINAGE CHANNELS. DEVELOPMENT WITHIN LOTS 2 AND 3 WILL BE PERMITTED TO CONSTRUCT BURIED STORM SEWERS AND PAVING WITHIN AND OVER THE EASEMENT AREA TO CONVEY STORMWATER WITHIN AND OVER THE EASEMENT AREA.

- ACCESS NOTES: 1. DIRECT ACCESS TO DEEP LAKE ROAD (COUNTY HIGHWAY 36) FROM OUTLOT A IS STRICTLY PROHIBITED. 2. THERE SHALL BE AT MOST ONE RESTRICTED RIGHT-IN/RIGHT-OUT VEHICULAR ACCESS DRIVEWAY (WITH CENTERLINE SHOWN ON THE PLAT AS NOTED) FROM LOT 1 AND LOT 2 TO IL ROUTE 132 (GRAND AVE) LOCATED ON THE COMMON LOT LINE OF LOT 1 AND LOT 2.

AREA TABLE with columns: LOT NUMBER, SQUARE FOOT, ACRE. Rows LOT 2, LOT 3, LOT 4, OUTLOT A, OUTLOT B, TOTAL.

BUILDING SETBACKS with columns: GRAND AVE., SIDE, REAR. Values: 75', 10', 25'.

NOTE: BUILDING SETBACKS ARE PER VILLAGE OF LINDENHURST ZONING ORDINANCES.



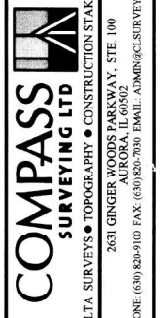
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBDIVISION PLAT SCALE: SHEET 9 OF 12 SHEETS, STA. TO STA.

Table with columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 541, A-WGRS-2, LAKE, 205, 91.



Table with columns: USER NAME, DESIGNED, DRAWN, PLOT SCALE, PLOT DATE, etc. Values: nschilling, -, 100,000' / in., 5/2/2021, etc.

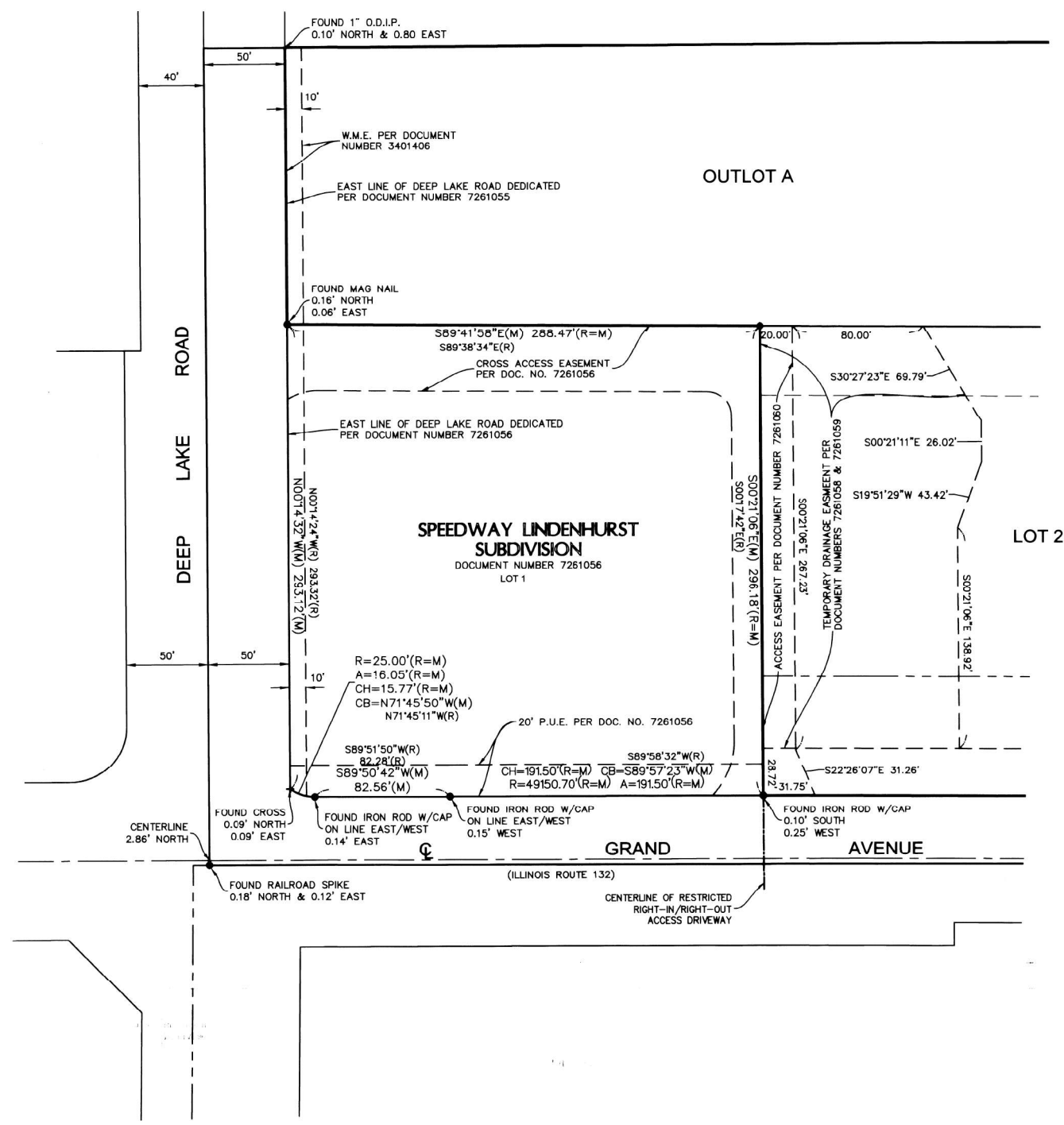
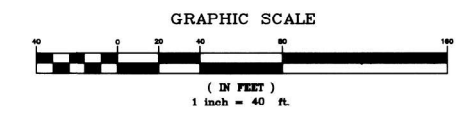


SCALE: 1" = 100' 1 OF 4

7578355

FINAL PLAT OF SUBDIVISION COLTMAN SUBDIVISION

BEING A SUBDIVISION OF PART OF THE SOUTHEAST AND
SOUTHWEST QUARTERS OF SECTION 34, TOWNSHIP 46
NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL
MERIDIAN, IN LAKE COUNTY, ILLINOIS.



- LEGEND**
- SET 7/8" O.D.I.P. UNLESS OTHERWISE NOTED
 - SET CONCRETE MONUMENT UNLESS OTHERWISE NOTED
 - + SET CROSS IN CONCRETE UNLESS OTHERWISE NOTED

- ABBREVIATIONS**
- O.D.I.P. = OUTSIDE DIAMETER IRON PIPE
 - (R) = RECORD BEARING OR DISTANCE
 - (M) = MEASURED BEARING OR DISTANCE
 - (C) = CALCULATED BEARING OR DISTANCE
 - (D) = DEED BEARING OR DISTANCE
 - B.S.L. = BUILDING SETBACK LINE
 - A.E. = ACCESS EASEMENT
 - U.E. = UTILITY EASEMENT
 - D.E. = DRAINAGE EASEMENT
 - W.M.E. = WATERMAIN EASEMENT
 - P.U.E. = PUBLIC UTILITY EASEMENT
 - P.O.C. = POINT OF COMMENCEMENT
 - P.O.B. = POINT OF BEGINNING
 - P.U. & D.E. = PUBLIC UTILITY AND DRAINAGE EASEMENT
 - H.B.G. = HEREBY GRANTED EASEMENT

- LINE LEGEND**
- SUBDIVISION BOUNDARY LINE
 - ADJACENT LAND PARCEL LINE
 - LOT LINE
 - EASEMENT LINE
 - CENTERLINE
 - BUILDING SETBACK LINE
 - SECTION LINE

NO.	DATE	BY	REVISIONS
1	04-10-17	RM	PER LAKE COUNTY DOT COMMENTS
2	05-15-17	MA	PER LAKE COUNTY DOT COMMENTS
3	07-18-17	MP	PER LAKE COUNTY DOT COMMENTS
4	08-08-17	MP	PER I.O.L. DATE DATED 08-08-17
5	08-29-18	MA	PER I.O.L. DATE DATED 08-29-18
6	03-14-18	MA	PER I.O.L. DATE DATED 03-14-18

DATE: 01-31-17	PC: N/A	DRAWN BY: RM	CHECKED BY: SK
PROJECT: COLTMAN SUBDIVISION			
CLIENT: AYRES ASSOCIATES			

COMPASS SURVEYING LTD
 ALTA SURVEYS • TOPOGRAPHY • CONSTRUCTION STAKING
 2631 GINGER WOODS PARKWAY, STE. 100
 N7762222 SVERWOOD DRIVE, SUITE 310
 WAUWATAMA, WISCONSIN 53095
 PHONE: (608) 829-9100 FAX: (608) 829-7000 EMAIL: ADMIN@COMPASSSURVEYING.COM

SCALE: 1" = 40'
2 OF 4
 PROJECT NO.: 17.0019

MODEL: Default
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 PLOT DATE: 5/2/2021



USER NAME = nschilling	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/2/2021	CHECKED -	REVISED -
	DATE - 3/30/21	REVISED -

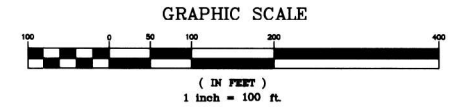
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBDIVISION PLAT
 SCALE: SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.P. RTE. 541	SECTION A-W&RS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 92
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

FINAL PLAT OF SUBDIVISION COLTMAN SUBDIVISION

BEING A SUBDIVISION OF PART OF THE SOUTHEAST AND
SOUTHWEST QUARTERS OF SECTION 34, TOWNSHIP 46
NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL
MERIDIAN, IN LAKE COUNTY, ILLINOIS.



LEGEND

- SET 7/8" O.D.I.P. UNLESS OTHERWISE NOTED
- SET CONCRETE MONUMENT UNLESS OTHERWISE NOTED
- + SET CROSS IN CONCRETE UNLESS OTHERWISE NOTED

ABBREVIATIONS

- O.D.I.P. = OUTSIDE DIAMETER IRON PIPE
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- H.B.G. = HEREBY GRANTED EASEMENT

LINE LEGEND

- SUBDIVISION BOUNDARY LINE
- ADJACENT LAND PARCEL LINE
- LOT LINE
- EASEMENT LINE
- CENTERLINE
- BUILDING SETBACK LINE
- SECTION LINE
- WETLANDS BUFFER LINE
- EXISTING WETLANDS LINE

WETLAND BUFFER RESTRICTIONS

WETLAND BUFFER RESTRICTIONS SHALL BE COMPLIED WITH PER THE WATERSHED DEVELOPMENT ORDINANCE

WETLANDS BUFFER LINE TABLE

LINE	BEARING	DISTANCE
L61	S51°33'10"E	16.75
L62	S74°53'59"E	92.11
L63	S47°46'56"E	24.15
L64	S54°53'59"E	40.73
L65	S51°24'42"E	59.89
L66	S89°26'17"E	13.25
L67	S80°30'41"E	65.89
L68	N21°53'41"E	60.42
L69	N21°53'41"E	23.43
L70	N18°41'41"E	55.50
L71	N19°05'06"W	18.18
L72	N00°22'38"E	2.35
L73	N18°35'39"E	34.60
L74	N00°56'05"W	16.52
L75	N51°35'47"E	24.90
L76	N26°49'10"E	63.25
L77	N02°29'57"W	12.69
L78	N16°33'54"E	18.03
L79	S62°47'48"E	0.44
L80	S88°03'24"E	63.58

WETLANDS BUFFER LINE TABLE

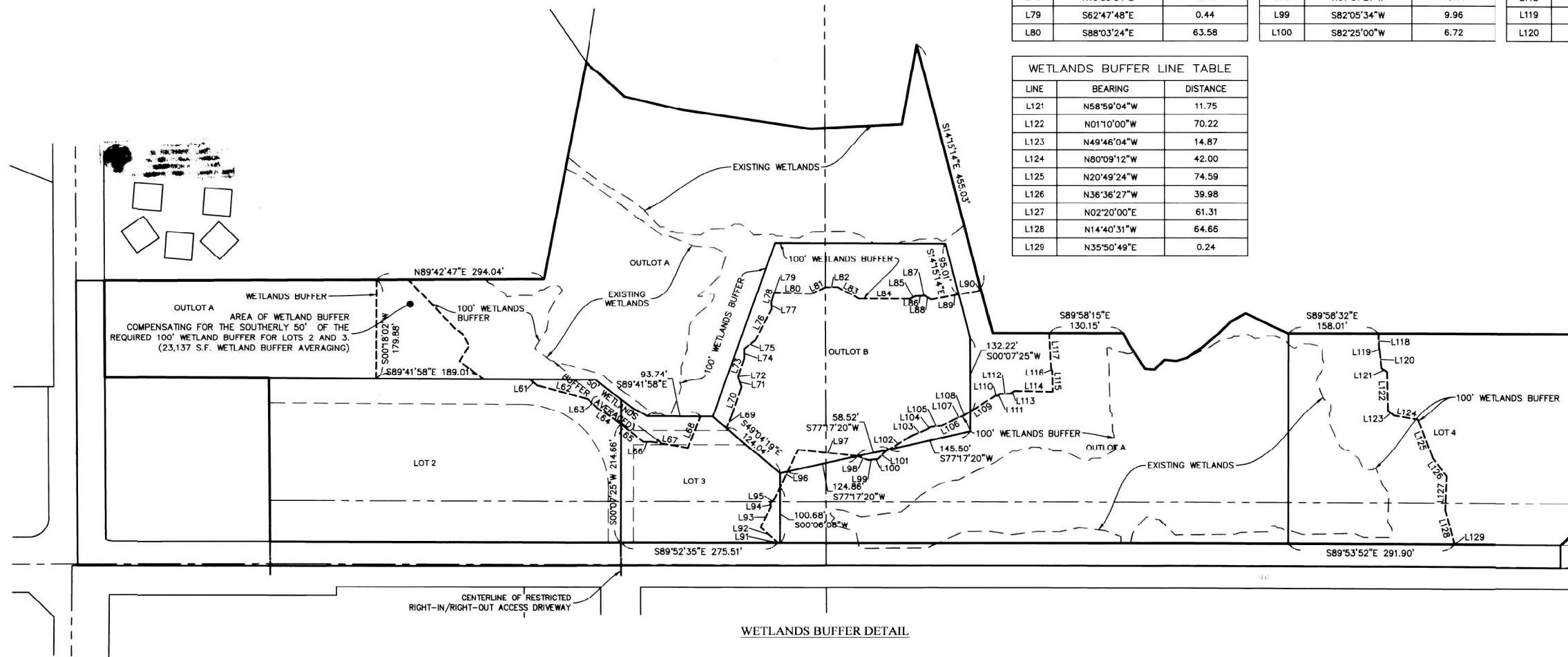
LINE	BEARING	DISTANCE
L81	N64°42'28"E	28.78
L82	N89°07'23"E	20.91
L83	S60°10'27"E	43.44
L84	S89°59'07"E	89.65
L85	N66°08'12"E	11.15
L86	N88°16'33"E	13.51
L87	N72°21'40"E	2.20
L88	S58°44'42"E	13.68
L89	N79°16'32"E	84.52
L90	N34°56'00"E	6.34
L91	S10°23'34"E	0.53
L92	S47°57'04"E	40.43
L93	S24°48'34"W	42.75
L94	S10°23'34"E	6.10
L95	S43°47'43"W	10.80
L96	S24°48'34"W	98.60
L97	N83°19'08"W	105.47
L98	N67°51'21"W	19.71
L99	S82°05'34"W	9.96
L100	S82°25'00"W	6.72

WETLANDS BUFFER LINE TABLE

LINE	BEARING	DISTANCE
L101	S45°46'38"W	20.27
L102	S58°03'50"W	51.90
L103	S67°32'05"W	32.08
L104	S53°07'28"W	6.88
L105	S84°41'42"W	19.32
L106	S62°03'58"W	23.82
L107	S67°37'07"W	19.61
L108	S60°05'11"W	1.34
L109	S56°19'26"W	63.58
L110	N90°00'00"W	3.69
L111	S50°25'23"W	4.95
L112	S88°45'54"W	18.79
L113	S56°45'41"W	9.19
L114	N88°34'28"W	68.00
L115	S01°09'55"E	37.67
L116	S22°50'39"E	5.40
L117	S02°59'13"E	63.82
L118	N01°54'57"W	27.27
L119	N19°50'42"W	3.45
L120	N04°56'00"W	32.46

WETLANDS BUFFER LINE TABLE

LINE	BEARING	DISTANCE
L121	N58°59'04"W	11.75
L122	N01°10'00"W	70.22
L123	N49°46'04"W	14.87
L124	N80°09'12"W	42.00
L125	N20°49'24"W	74.59
L126	N36°36'27"W	39.98
L127	N02°20'00"E	61.31
L128	N14°40'31"W	64.66
L129	N35°50'49"E	0.24



NO.	DATE	BY	REVISIONS
1	04-10-17	RHM	PER VILLAGE COMMENTS
2	06-15-17	WMA	PER LAKE COUNTY DOT COMMENTS
3	07-18-17	WMA	PER VILLAGE COMMENT LETTER DATED 05-29-17
4	08-31-17	WMA	PER ILL. CO. T. ENR. DATED 08-03-17
5	08-31-18	WMA	PER ILL. CO. T. ENR. DATED 02-08-18

DATE	BY	PC	W/A	DR	BY	SK	BOOK	NO.	PC	NO.
01-28-17	WMA	WMA	WMA	WMA	WMA	WMA	17	17	17	17

PROJECT: COLTMAN SUBDIVISION
 CLIENT: AYRES ASSOCIATES
 DRAWN BY: RHM
 CHECKED BY: SK
 SCALE: 1" = 40'
3 OF 4

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USER NAME	DESIGNED	REVISIONS
nshrilling	-	-
	DRAWN -	REVISIONS -
	CHECKED -	REVISIONS -
	DATE - 3/30/21	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBDIVISION PLAT

SCALE: SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	93
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

7518355

SUBMITTED BY
SCOTT MAIER
AYRES ASSOCIATES
N17 W24222 RIVERWOOD DR
SUITE 210
WAUKESHA, WI 53188

FINAL PLAT OF SUBDIVISION COLTMAN SUBDIVISION

BEING A SUBDIVISION OF PART OF THE SOUTHEAST AND
SOUTHWEST QUARTERS OF SECTION 34, TOWNSHIP 46
NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL
MERIDIAN, IN LAKE COUNTY, ILLINOIS.

I.D.O.T. SIGNATURE

THIS PLAT HAS BEEN APPROVED BY THE ILLINOIS
DEPARTMENT OF TRANSPORTATION WITH RESPECT TO
ROADWAY ACCESS PURSUANT TO 82 OF AN ACT TO
REVISE THE LAW IN RELATION TO PLATS "AS AMENDED,
A PLAN THAT MEETS THE REQUIREMENTS CONTAINED IN
THE DEPARTMENT'S "POLICY ON PERMITS FOR ACCESS,
DRIVEWAYS TO STATE HIGHWAYS" WILL BE REQUIRED BY
THE DEPARTMENT.

Anthony J. Guigley/RS 9/24/18
ANTHONY J. GUIGLEY, P.E.
REGION ONE ENGINEER

OWNER'S CERTIFICATE

STATE OF Oregon)
) SS
COUNTY OF Washington)
)

THIS IS TO CERTIFY THAT Bertram W. Coltman III IS THE
OWNER OF THE PROPERTY DESCRIBED HEREON AND BY THE DULY ELECTED OFFICERS HAS CAUSED
THE SAME TO BE SURVEYED AND PLATTED AS INDICATED HEREON FOR THE USES AND PURPOSES
THEREIN SET FORTH AS ALLOWED AND PROVIDED BY STATUTE AND HEREBY ACKNOWLEDGES AND
ADOPTS THE SAME UNDER THE STYLE AND TITLE AFORESAID.

ALSO, THIS IS TO CERTIFY THAT THE PROPERTY BEING SUBDIVIDED AFORESAID AND, TO THE BEST
OF OWNER'S KNOWLEDGE AND BELIEF, SAID SUBDIVISION LIES ENTIRELY WITHIN THE LIMITS OF
SCHOOL DISTRICTS LAKE VILLA COMMUNITY CONSOLIDATED DISTRICT NO. 41, ANTIOCH COMMUNITY
HIGH SCHOOL DISTRICT NO. 117 AND COLLEGE OF LAKE COUNTY.

DATED AT Portland, OR THIS 17th DAY OF

July, A.D., 2018

BY: Bertram W. Coltman III ATTEST: Russell Colton

TITLE: President TITLE: Vice President

NOTARY'S CERTIFICATE

STATE OF Oregon)
) SS
COUNTY OF Washington)
)

I, Jesse Richard Lindauer, A NOTARY PUBLIC IN THE
COUNTY AND STATE AFORESAID, DO HEREBY CERTIFY THAT
Bertram W. Coltman III President (TITLE) AND
Coltman Lindenhurst LLC (TITLE) OF

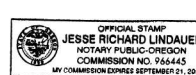
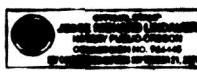
Coltman Lindenhurst LLC (COMPANY), WHO ARE PERSONALLY
KNOWN TO ME TO BE THE SAME PERSONS WHO ARE SUBSCRIBED TO THE FOREGOING CERTIFICATE
OF OWNERSHIP, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THE EXECUTION
OF THIS INSTRUMENT IN THEIR CAPACITY FOR THE USES AND PURPOSES THEREIN SET FORTH AS
THE FREE AND VOLUNTARY ACT AND DEED OF SAID CORPORATION.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS 17th DAY

OF July, A.D., 2018

BY: Jesse Richard Lindauer

NOTARY PUBLIC



VILLAGE BOARD CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)
)

APPROVED AND ACCEPTED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF
LINDENHURST, LAKE COUNTY, ILLINOIS.

THIS 25th DAY OF September, A.D. 2017

BY: Dominic Marturano

VILLAGE PRESIDENT
Dominic Marturano
PRINTED NAME

ATTEST: Vicky VanWoerkens
VILLAGE CLERK
Vicky VanWoerkens
PRINTED NAME



PLANNING COMMISSION CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)
)

APPROVED BY THE PLANNING COMMISSION OF THE VILLAGE OF LINDENHURST, LAKE COUNTY,
ILLINOIS AT MEETING:

HELD THIS 25th DAY OF SEPTEMBER, A.D. 2017

BY: Joy Clausen
CHAIRMAN
Joy Clausen
PRINTED NAME

BY: Marcy Koytz
SECRETARY
Marcy Koytz
PRINTED NAME

BY: Marcy Koytz
VILLAGE PLANNER
Marcy Koytz
PRINTED NAME

SURFACE WATER STATEMENT

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)
)

TO THE BEST OF OUR KNOWLEDGE AND BELIEF THAT DRAINAGE OF SURFACE WATERS WILL NOT BE
CHANGED BY THE CONSTRUCTION OF SUCH SUBDIVISION OR ANY PART THEREOF, OR THAT IF
SUCH SURFACE DRAINAGE WILL BE CHANGED, REASONABLE PROVISION HAS BEEN MADE FOR
COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREAS, OR DRAINS WHICH
THE SUBDIVIDER HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR
IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE
LIKELIHOOD OF DAMAGE TO THE ADJOINING PROPERTY BECAUSE THE CONSTRUCTION OF THE
SUBDIVISION.

DATED THIS 24th DAY OF SEPTEMBER, A.D. 2018

BY: Chris R. Gumpel, PE

ILLINOIS REGISTERED PROFESSIONAL ENGINEER



VILLAGE ENGINEER CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)
)

I, Chris R. Gumpel, PE, VILLAGE ENGINEER FOR THE VILLAGE OF LINDENHURST, ILLINOIS,
DO HEREBY CERTIFY THAT THE ANNEXED PLAT HAS BEEN EXAMINED BY ME AND FOUND TO
COMPLY WITH THE ENGINEERING REQUIREMENTS AS SET FORTH IN THE SUBDIVISION REGULATIONS
OF LINDENHURST, ILLINOIS.

DATED THIS 24th DAY OF July, A.D. 2018

BY: Chris R. Gumpel

VILLAGE ENGINEER

LAKE COUNTY CLERK'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)
)

I, Carla N. Wyckoff, COUNTY CLERK OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY
THAT THERE ARE NO DELINQUENT GENERAL TAXES, NO UNPAID CURRENT TAXES, NO UNPAID
FORFEITED TAXES, AND NO REDEEMABLE TAX SALES AGAINST ANY OF THE LAND INCLUDED IN THE
ANNEXED PLAT.

I FURTHER CERTIFY THAT I HAVE RECEIVED ALL STATUTORY FEES IN CONNECTION WITH THE
ANNEXED PLAT.

THIS 24th DAY OF September, A.D. 2017

BY: Carla N. Wyckoff
COUNTY CLERK

COUNTY ENGINEER CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)
)

THIS PLAT IS HEREBY APPROVED THIS 20th DAY OF September, BY THE
COUNTY ENGINEER OF LAKE COUNTY PURSUANT TO CHAPTER 765, ACT 205, SECTION 2 OF THE
ILLINOIS COMPILED STATUTES, AS AMENDED, AS TO ROADWAY ACCESS TO COUNTY HIGHWAY 36,
ALSO KNOWN AS DEEP LAKE ROAD.

DIRECT ACCESS EITHER TO OR FROM COUNTY HIGHWAY 36 SHALL BE RESTRICTED AS SHOWN ON
THIS PLAT AND SHALL BE SUBJECT TO THE LAKE COUNTY HIGHWAY ACCESS REGULATION
ORDINANCE WHICH REQUIRES, IN PART, THAT APPLICATION BE MADE AND AN ACCESS PERMIT BE
OBTAINED FROM THE COUNTY ENGINEER OF LAKE COUNTY PRIOR TO ANY ACCESS INSTALLATION.

BY: Shane Schneider
COUNTY ENGINEER

COUNTY ENGINEER

SURVEYOR'S AUTHORIZATION TO RECORD

I HEREBY DESIGNATE AYRES ASSOCIATES AND/OR REPRESENTATIVES THEREOF,
TO RECORD THIS PLAT, A TRUE COPY OF WHICH HAS BEEN RETAINED BY ME TO ASSURE NO
CHANGES HAVE BEEN MADE TO SAID PLAT.

DATED THIS 9th DAY OF JULY, 2018, AT AURORA, KANE COUNTY, ILLINOIS.

COMPASS SURVEYING LTD
PROFESSIONAL DESIGN FIRM
LAND SURVEYOR CORPORATION NO. 184-002778
LICENSE EXPIRES 4/30/2019

BY: Scott C. Krebs
SCOTT C. KREBS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3509
LICENSE EXPIRES 11/30/2018



SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF KANE)
)

I, SCOTT C. KREBS, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3509, HAVE SURVEYED AND
SUBDIVIDED THE FOLLOWING PROPERTY:

THAT PART OF SECTION 34, TOWNSHIP 46 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL
MERIDIAN, DESCRIBED AS FOLLOWS: COMMENCING AT A BRASS MARKER AT THE NORTHWEST CORNER
OF THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 34, AFORESAID; THENCE SOUTH 00
DEGREES, 19 MINUTES, 12 SECONDS EAST, ALONG THE WEST LINE OF SAID EAST HALF OF THE
SOUTHWEST QUARTER, 128.70 FEET, TO A POINT OF TANGENCY WITH THE CENTER OF DEEP LAKE
ROAD; THENCE CONTINUING SOUTH 00 DEGREES, 19 MINUTES, 12 SECONDS EAST, 2000.97 FEET,
ALONG SAID CENTER LINE BEING ALSO THE WEST LINE OF THE EAST HALF OF THE SOUTHWEST
QUARTER OF SECTION 34, AFORESAID, TO THE POINT OF BEGINNING; THENCE NORTH 89 DEGREES, 40
MINUTES, 48 SECONDS EAST, 822.38 FEET; THENCE NORTH 10 DEGREES, 41 MINUTES, 27 SECONDS
EAST, 500.54 FEET; THENCE SOUTH 47 DEGREES, 11 MINUTES, 09 SECONDS EAST, 92.70 FEET;
THENCE SOUTH 70 DEGREES, 30 MINUTES, 15 SECONDS EAST, 102.04 FEET; THENCE SOUTH 81
DEGREES, 24 MINUTES, 25 SECONDS EAST, 227.55 FEET; THENCE NORTH 87 DEGREES, 10 MINUTES,
22 SECONDS EAST, 162.20 FEET; THENCE NORTH 10 DEGREES, 14 MINUTES, 05 SECONDS EAST,
146.33 FEET; THENCE SOUTH 14 DEGREES, 17 MINUTES, 09 SECONDS EAST, 539.38 FEET; THENCE
NORTH 89 DEGREES, 59 MINUTES, 50 SECONDS EAST, 23.00 FEET; THENCE SOUTH 26 DEGREES, 42
MINUTES, 45 SECONDS EAST, 23.00 FEET; THENCE SOUTH 32 DEGREES, 41 MINUTES, 36 SECONDS
EAST, 51.96 FEET; THENCE SOUTH 85 DEGREES, 32 MINUTES, 41 SECONDS EAST, 16.10 FEET; THENCE
NORTH 45 DEGREES, 56 MINUTES, 30 SECONDS EAST, 24.99 FEET; THENCE SOUTH 84 DEGREES, 42
MINUTES, 02 SECONDS EAST, 20.55 FEET; THENCE NORTH 73 DEGREES, 59 MINUTES, 57 SECONDS
EAST, 19.74 FEET; THENCE NORTH 64 DEGREES, 20 MINUTES, 00 SECONDS EAST, 33.27 FEET; THENCE
NORTH 48 DEGREES, 51 MINUTES, 13 SECONDS EAST, 36.57 FEET; THENCE NORTH 45 DEGREES, 39
MINUTES, 49 SECONDS EAST, 31.34 FEET; THENCE NORTH 60 DEGREES, 07 MINUTES, 48 SECONDS
EAST, 30.10 FEET; THENCE SOUTH 64 DEGREES, 02 MINUTES, 42 SECONDS EAST, 60.67 FEET; THENCE
SOUTH 69 DEGREES, 10 MINUTES, 34 SECONDS EAST, 22.73 FEET; THENCE NORTH 89 DEGREES, 59
MINUTES, 50 SECONDS EAST, 510.85 FEET, TO A POINT ON THE EAST LINE OF THE SOUTHWEST
QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 34, WHICH POINT IS 422.48 FEET, NORTH OF
THE SOUTH LINE THEREOF; THENCE SOUTH 00 DEGREES, 00 MINUTES, 10 SECONDS EAST, ALONG
THE LAST SAID EAST LINE, 422.48 FEET, TO THE SOUTHWEST CORNER OF THE SOUTHWEST QUARTER
OF SAID SECTION 34; THENCE NORTH 89 DEGREES, 59 MINUTES, 50 SECONDS WEST, PARALLEL WITH
THE SOUTH LINE OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 34, A
DISTANCE OF 15.00 FEET; THENCE NORTH 45 DEGREES 02 MINUTES 00 SECONDS EAST, A DISTANCE
OF 21.20 FEET TO A POINT ON THE EAST LINE OF THE SOUTHWEST QUARTER OF THE SOUTHWEST
QUARTER OF SAID SECTION 34; THENCE SOUTH 00 DEGREES 00 MINUTES 01 SECOND EAST, ALONG
THE EAST LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 34, TO THE POINT OF BEGINNING;
FALLING WITHIN LOT 1 OF THE FINAL PLAT OF SPEEDWAY LINDENHURST SUBDIVISION, BEING PART OF
THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 46 NORTH, RANGE
10, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: COMMENCING AT A POINT 40.00
FEET NORTH OF THE SOUTHWEST CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER
OF SAID SECTION 34; THENCE NORTH 89 DEGREES 55 MINUTES 39 SECONDS WEST, PARALLEL WITH
THE SOUTH LINE OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 34, A
DISTANCE OF 15.00 FEET; THENCE NORTH 45 DEGREES 02 MINUTES 00 SECONDS EAST, A DISTANCE
OF 21.20 FEET TO A POINT ON THE EAST LINE OF THE SOUTHWEST QUARTER OF THE SOUTHWEST
QUARTER OF SAID SECTION 34; THENCE SOUTH 00 DEGREES 00 MINUTES 01 SECOND EAST, ALONG
THE EAST LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 34, TO THE POINT OF BEGINNING;
FALLING WITHIN LOT 1 OF THE FINAL PLAT OF SPEEDWAY LINDENHURST SUBDIVISION, BEING PART OF
THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 46 NORTH, RANGE
10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JANUARY
12, 2016 AS DOCUMENT 7871 OF SAID LAKE COUNTY, ILLINOIS (ALSO EXCEPTING THEREFROM THAT
PART TAKEN PURSUANT TO CONDEMNATION CASE NO. ED 35 BY THE DEPARTMENT OF TRANSPORTATION
OF THE STATE OF ILLINOIS FOR AND ON BEHALF OF THE PEOPLE OF THE STATE OF ILLINOIS, AS
FOLLOWS: THAT PART OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 46 NORTH, RANGE 10,
EAST OF THE THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS, BEARINGS AND DISTANCES BASED
ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT), WITH A
COMBINED FACTOR OF 999997.14, DESCRIBED AS FOLLOWS: COMMENCING FROM THE SOUTHWEST
CORNER OF SAID SOUTHWEST QUARTER OF SECTION 34; THENCE ALONG THE SOUTH LINE OF SAID
SOUTHWEST QUARTER, NORTH 89 DEGREES 53 MINUTES 01 SECOND WEST, 1323.89 FEET, TO A POINT
ON THE SOUTHERLY EXTENSION OF THE WEST RIGHT OF WAY LINE OF MUNN ROAD PER DOCUMENT
2700848, RECORDED JULY 14, 1988 FOR THE POINT OF BEGINNING; THENCE CONTINUING ALONG THE
AFORESaid SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 34, 53 MINUTES 01 SECOND
WEST 32.01 FEET; THENCE NORTH 00 DEGREES 02 MINUTES 41 SECONDS EAST, 40.36 FEET TO A
POINT ON THE NORTH RIGHT OF WAY LINE OF IL ROUTE 132 (S.A. ROUTE 6) PER DOCUMENT 421141,
RECORDED JANUARY 28, 1936; THENCE NORTH 45 DEGREES 02 MINUTES 32 SECONDS EAST, 45.27
FEET TO A POINT ON THE AFORESAID WEST RIGHT OF WAY LINE OF MUNN ROAD; THENCE ALONG SAID
WEST RIGHT OF WAY LINE, SOUTH 00 DEGREES 02 MINUTES 41 SECONDS WEST, 17.06 FEET TO THE
NORTHERLY CORNER OF A TRACT OF LAND DEDICATED PER DOCUMENT 5863310; THENCE ALONG THE
NORTHWEST LINE OF SAID DEDICATION, SOUTH 45 DEGREES 05 MINUTES 01 SECOND WEST, 21.20 FEET
TO A POINT ON THE AFORESAID NORTH RIGHT OF WAY OF IL ROUTE 132; THENCE ALONG SAID NORTH
RIGHT OF WAY LINE, SOUTH 89 DEGREES 52 MINUTES 38 SECONDS EAST, 15.00 FEET TO A POINT ON
THE AFORESAID WEST RIGHT OF WAY LINE OF MUNN ROAD; THENCE ALONG SAID WEST RIGHT OF WAY
LINE AND ITS SOUTHERLY EXTENSION, SOUTH 00 DEGREES 02 MINUTES 41 SECONDS WEST, 40.35 FEET
TO THE POINT OF BEGINNING), (ALSO EXCEPTING THAT PART USED OR TAKEN FOR ROADWAY
PURPOSES), ALL IN LAKE COUNTY, ILLINOIS.

AS SHOWN BY THE ANNEXED PLAT WHICH IS A CORRECT REPRESENTATION OF SAID SURVEY AND
SUBDIVISION. ALL DISTANCES ARE SHOWN IN FEET AND DECIMALS THEREOF. ALL REGULATIONS
ENACTED BY THE VILLAGE OF LINDENHURST RELATIVE TO PLATS AND SUBDIVISIONS HAVE BEEN
COMPLIED WITH IN THE PREPARATION OF THIS PLAT. THIS SUBDIVISION IS WITHIN THE VILLAGE OF
LINDENHURST WHICH HAS ADOPTED AN OFFICIAL COMPREHENSIVE PLAN AND IS EXERCISING THE
SPECIAL POWERS AUTHORIZED BY THE STATE OF ILLINOIS ACCORDING TO 65 ILCS 5/11-12-6 AS
HEREFORE AND HEREAFTER AMENDED, AND THIS SITE FALLS WITHIN "OTHER AREAS ZONE X" (AREAS
DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN); "SPECIAL FLOOD HAZARD AREAS
(SFHAS) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD - ZONE AE (BASE FLOOD
ELEVATIONS DETERMINED) AND FLOODWAY AREAS IN ZONE AE (THE FLOODWAY IS THE CHANNEL OF A
STREAM PLUS ANY ADJACENT FLOODPLAIN AREAS THAT MUST BE KEPT FREE OF ENCROACHMENT SO
THAT THE 1% ANNUAL CHANCE FLOOD CAN BE CARRIED WITHOUT SUBSTANTIAL INCREASES IN FLOOD
HEIGHTS) AS DEFINED BY THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 170379 0041
K, MAP NUMBER 17097C0041K HAVING A REVISED DATE OF SEPTEMBER 18, 2013.

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

GIVEN UNDER MY HAND AND SEAL AT AURORA, ILLINOIS THIS 9th DAY OF JULY, 2018

COMPASS SURVEYING LTD
PROFESSIONAL DESIGN FIRM
LAND SURVEYOR CORPORATION NO. 184-002778
LICENSE EXPIRES 4/30/2019

BY: Scott C. Krebs
SCOTT C. KREBS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3509
LICENSE EXPIRES 11/30/2018



DATE	GT-31-17	PC	N/A	DR	BY	CHK	BOOK	N/A	PG	N/A
04-10-17	1									
04-10-17	1									
07-18-17	2									
07-18-17	2									
07-18-17	2									
07-18-17	2									
07-18-17	2									
07-18-17	2									
07-18-17	2									

COMPASS SURVEYING LTD
ALTA SURVEYS • TOPOGRAPHY • CONSTRUCTION STAKING
2611 GINGER WOODS PARKWAY, STE. 100
AURORA, IL 60606
PHONE (630) 829-9100 FAX (630) 820-7030 EMAIL ADMIN@COMPASSURV.COM

SCALE: N/A

4 OF 4

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CHECKED	-	REVISED	-
DATE	-	REVISED	-

DATE	-	3/30/21
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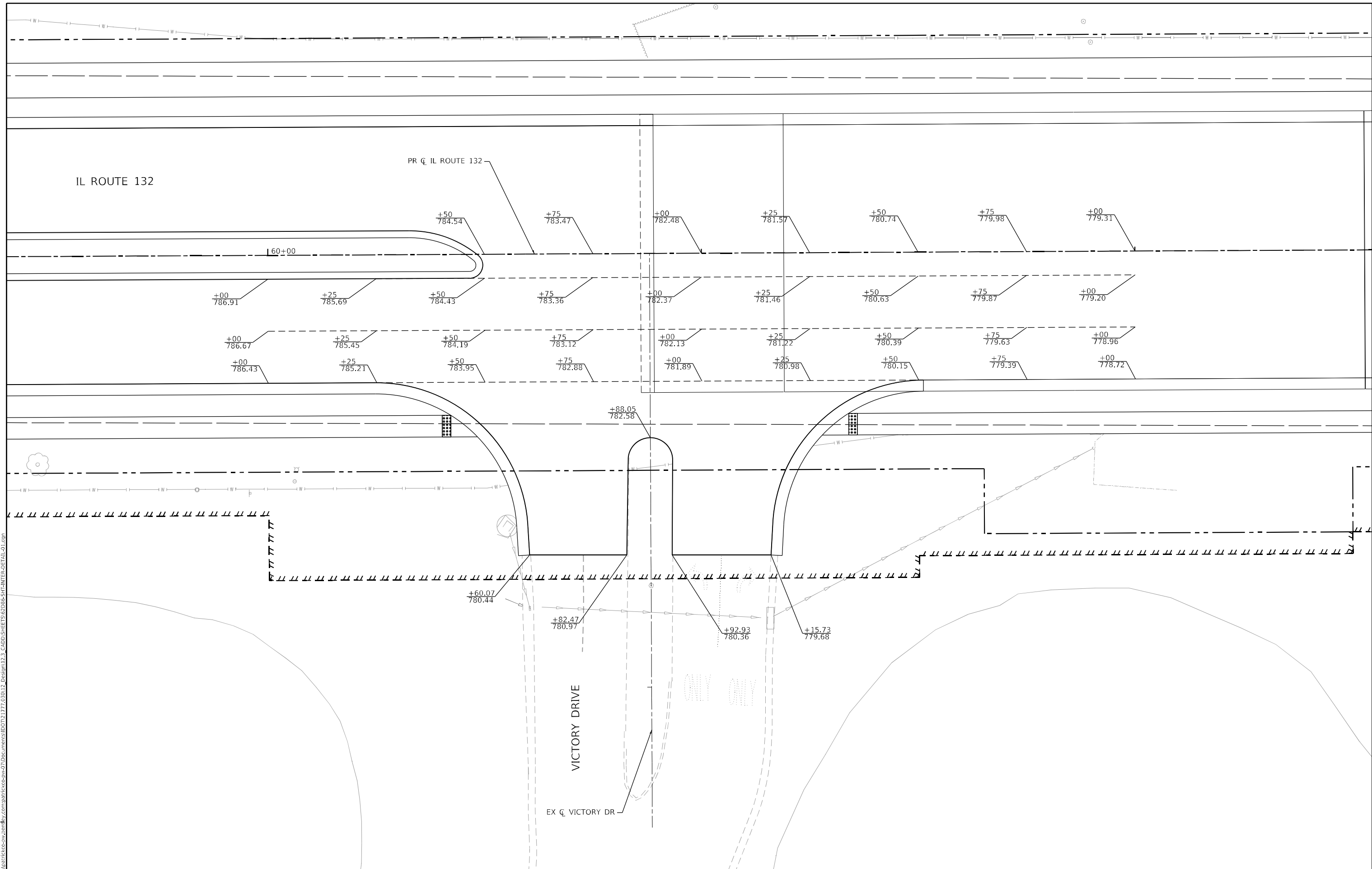
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBDIVISION PLAT

SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	94
				CONTRACT NO. 62DB6
		ILLINOIS	FED. AID PROJECT	

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PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 132 & VICTORY ROAD
 INTERSECTION DETAIL**

SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. 58+00 TO STA. 72+00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 95
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				

SIGN SCHEDULE							
STATION	SIDE	SIGN DESCRIPTION	WIDTH (IN)	DEPTH (IN)	SIGN PANEL, TYPE 1 (SQ FT)	SIGN CODE	METAL POST LENGTH TYPE B (FT)
45+89	RT	NO LT TURN	30	30	6.25	R3-2	14
50+39	RT	LIBRARY	24	24	4.00	I-8	13
50+39	RT	RT ARROW	21	15	2.19	M6-1R	-
53+67	LT	LIBRARY	24	24	4.00	I-8	13
53+67	LT	LT ARROW	21	15	2.19	M6-1L	-
55+01	RT	45 MPH	30	36	7.50	R2-1	14
55+02	LT	40 MPH	30	36	7.50	R2-1	14
55+02	LT/RT	LT TURN ONLY	24	30	5.00	R3-5L	13.5
55+02	LT/RT	STAY RT-WIDE	24	30	5.00	R4-7c	-
56+00	LT	JCT	21	15	2.19	M2-1	15
56+00	LT	COUNTY RT	24	24	4.00	M1-6	-
56+00	LT	DEEP LAKE RD	36	9	2.25	W16-18P	-
56+00	LT	LT ARROW APPR	21	15	2.19	M5-1R	-
57+16	RT	NO PARKING HWY	24	30	5.00	R8-1	15
60+35	LT/RT	NO U TURN	24	24	4.00	R3-4	14
60+35	LT/RT	STAY RT-WIDE	24	30	5.00	R4-7c	-
60+87	RT	GRAND AV	30	9	1.88	W16-18P	13
60+87	RT	VICTORY DR	36	9	2.25	W16-18P	-
61+01	LT	2 DIR LRG ARROW	48	24	8.00	W1-7	17
61+36	RT	STOP	36	36	9.00	R1-1	14
63+85	LT/RT	LT TURN ONLY	24	30	5.00	R3-5L	13.5
63+85	LT/RT	STAY RT-WIDE	24	30	5.00	R4-7c	-
64+04	RT	45 MPH	30	36	7.50	R2-1	14
64+48	LT	ONE WAY RT	24	30	5.00	R6-2	14
70+65	LT	45 MPH	30	36	7.50	R2-1	14
71+36	RT	SIGNAL AHEAD	36	36	9.00	W3-3	16
71+36	RT	MUNN RD	36	9	2.25	W16-18P	-
76+01	LT	LT TURN ONLY	24	30	5.00	R3-5L	13.5
76+01	LT	STAY RT-WIDE	24	30	5.00	R4-7c	-
80+20	RT	LT TURN ONLY	24	30	5.00	R3-5L	13.5
80+20	RT	STAY RT-WIDE	24	30	5.00	R4-7c	-
83+47	LT	ONE WAY RT TALL	24	30	5.00	R6-2	14
83+62	RT	NO LT TURN	30	30	6.25	R3-2	14
83+62	RT	STAY RT-WIDE	24	30	5.00	R4-7c	-

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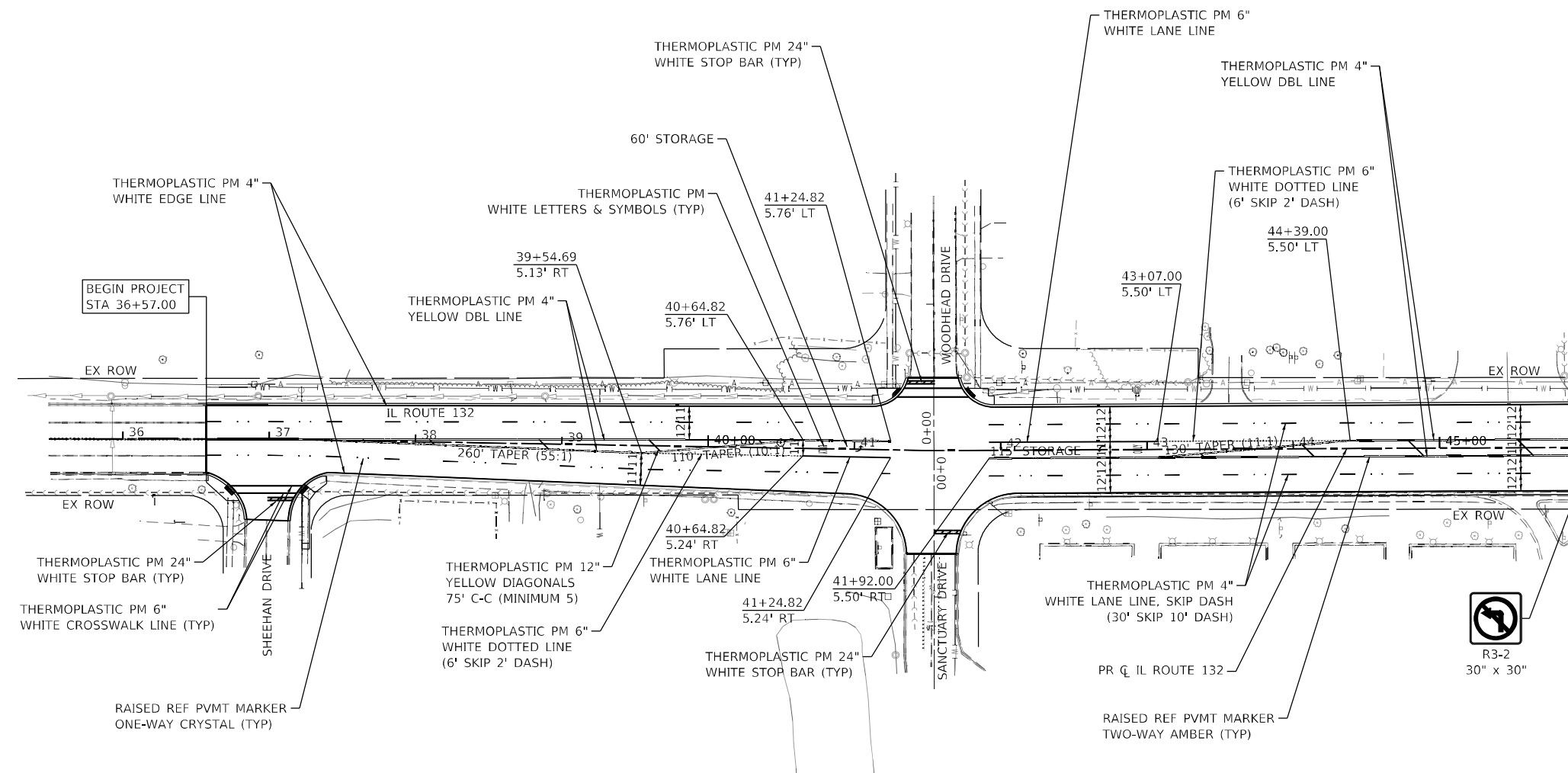
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GRAND AVENUE (ILLINOIS ROUTE 132)
 PAVEMENT MARKING AND SIGNING SCHEDULES**

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-W&RS-2	LAKE	205	96
CONTRACT NO. 62D86			ILLINOIS FED. AID PROJECT	



MATCHLINE STATION 46+00



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PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

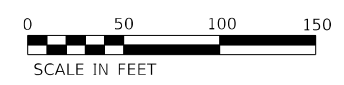
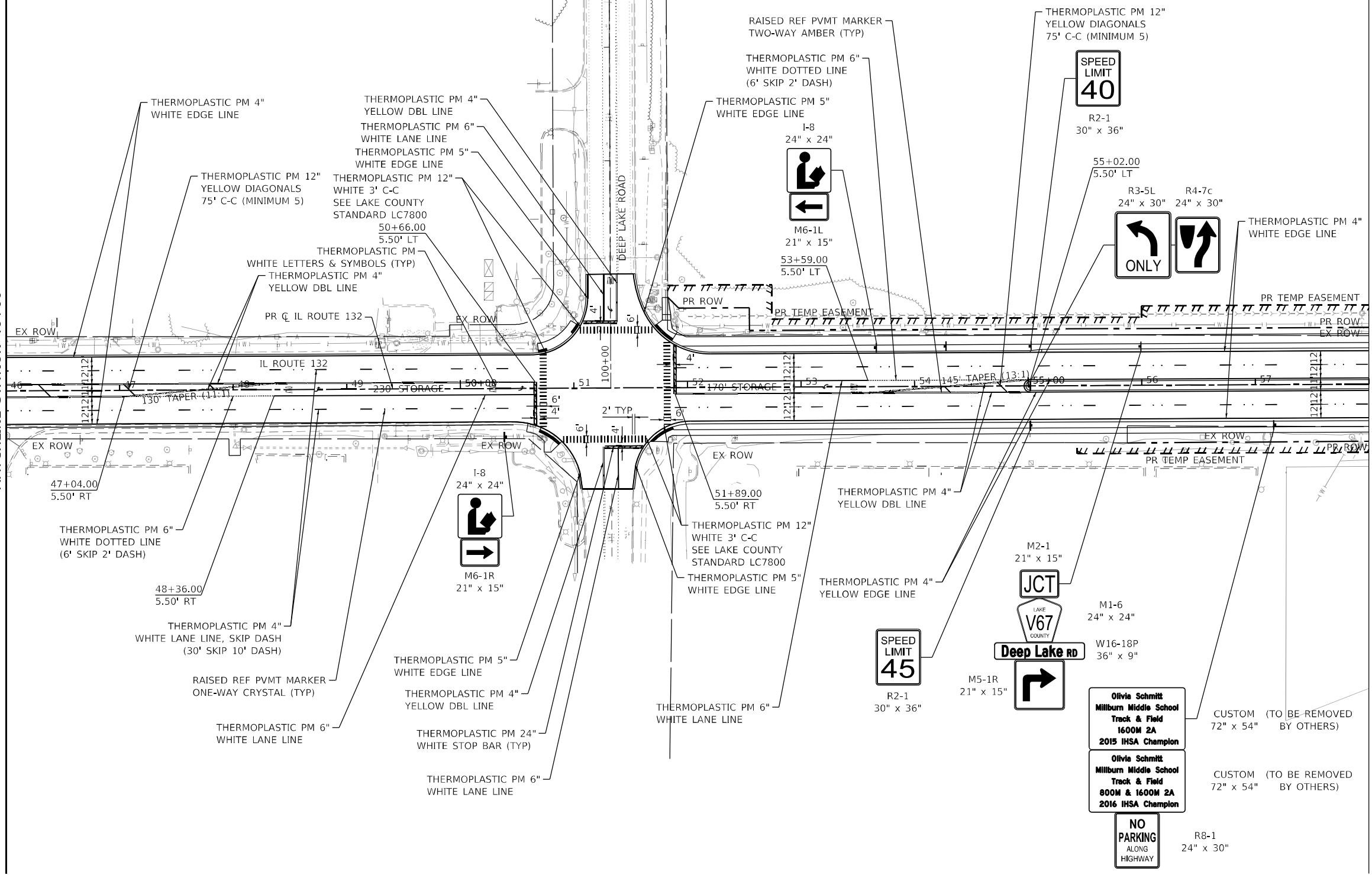
GRAND AVENUE (ILLINOIS ROUTE 132) PAVEMENT MARKING AND SIGNING PLAN			
SCALE: 1" = 50'	SHEET 2 OF 6 SHEETS	STA. 35+00 TO STA. 46+00	

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 97
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



MATCHLINE STATION 46+00

MATCHLINE STATION 58+00



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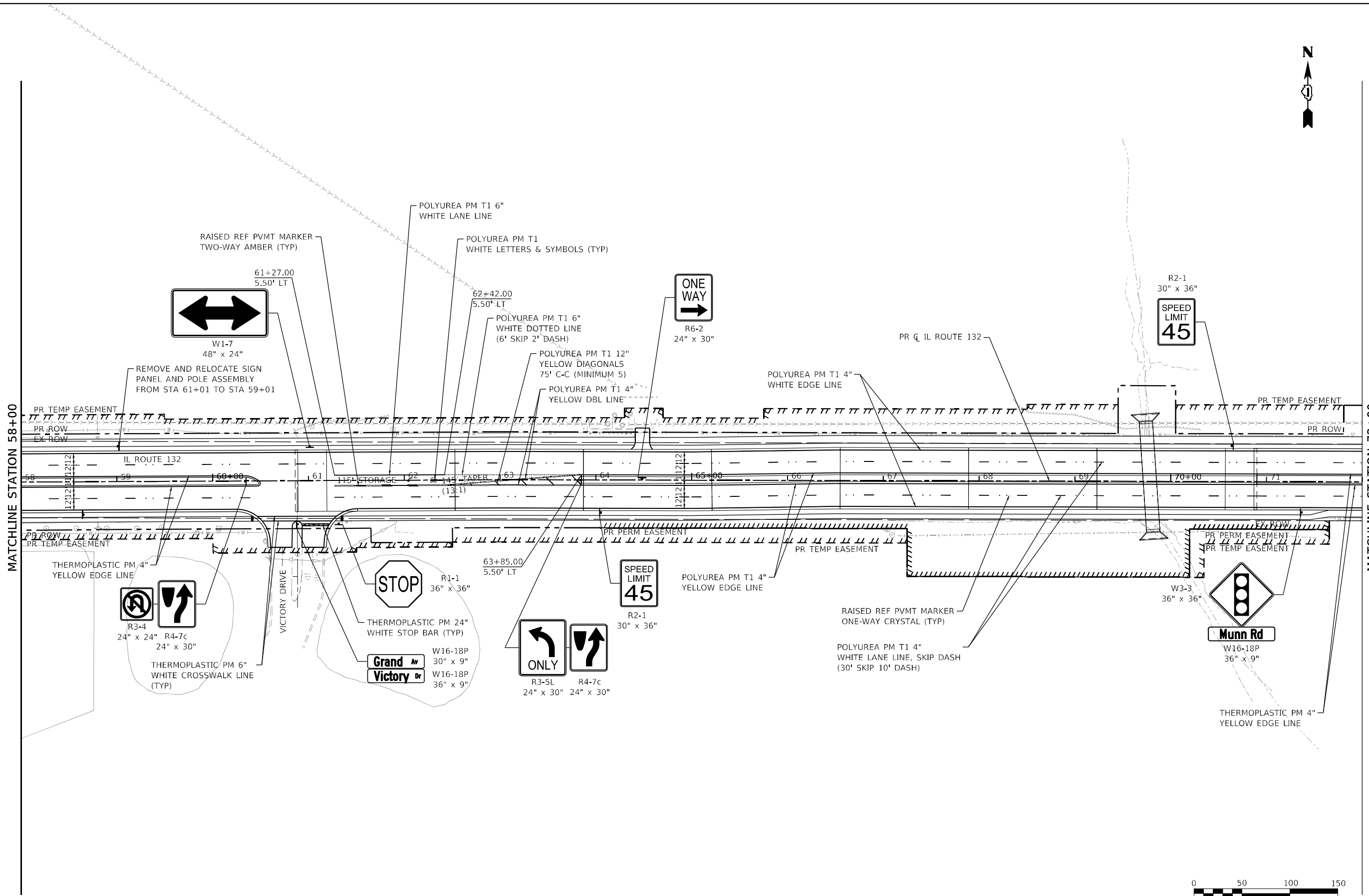


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PLOT DATE = 5/3/2021	CHECKED - NJS	REVISED -
	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GRAND AVENUE (ILLINOIS ROUTE 132) PAVEMENT MARKING AND SIGNING PLAN			
SCALE: 1" = 50'	SHEET 3 OF 6 SHEETS	STA. 46+00 TO STA. 46+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	A-WGRS-2	LAKE	205	98
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



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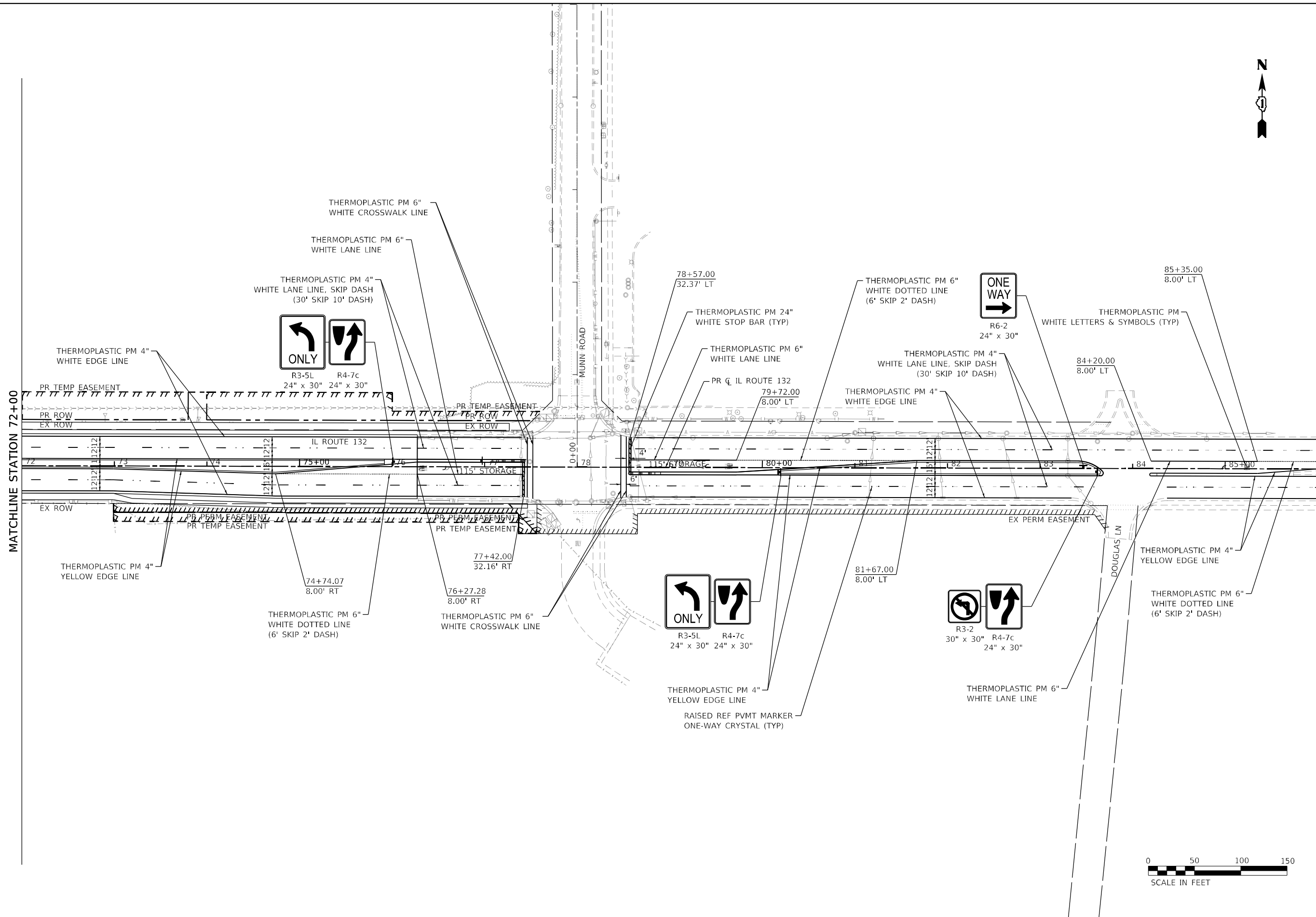


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PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRAND AVENUE (ILLINOIS ROUTE 132)
PAVEMENT MARKING AND SIGNING PLAN
 SCALE: 1" = 50' SHEET 4 OF 6 SHEETS STA. 58+00 TO STA. 72+00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 99
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				



MATCHLINE STATION 72+00

MATCHLINE STATION 86+00



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PLOT SCALE = 100,0000' / in.	CHECKED - NJS	REVISED -
PLOT DATE = 5/2/2021	DATE - 3/30/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRAND AVENUE (ILLINOIS ROUTE 132)
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 50'

SHEET 5 OF 6 SHEETS STA. 72+00 TO STA. 86+00

F.A.P. RTE. 541	SECTION A-WGRS-2	COUNTY LAKE	TOTAL SHEETS 205	SHEET NO. 100
CONTRACT NO. 62DB6				
ILLINOIS FED. AID PROJECT				