

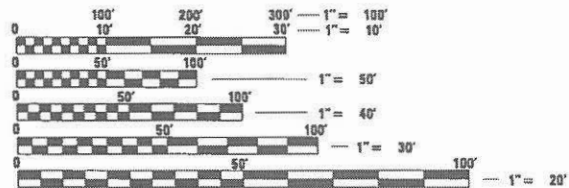
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	97708	

INDEX OF SHEETS

SHEET NUMBER	DESCRIPTION
1	COVER SHEET
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42-43	GEOMETRICS
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48-50	REMOVAL
51-53	EROSION AND SEDIMENT CONTROL
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55	ENTRANCE DETAILS
56-57	MISCELLANEOUS DETAILS
58-71	CROSS SECTIONS

STANDARDS

STD. NO.		
000001-08	604001-05	720001-01
001001-02	604091-05	720006-04
001006	606001-08	720011-01
280001-07	606301-04	725001-01
420001-10	630001-13	728001-01
420101-07	630116	729001-01
420111-04	701001-02	731001-01
424016-05	701006-05	780001-05
424031-02	701011-04	781001-04
442101-09	701301-04	782001-01
542301-03	701311-03	782006-01
602401-07	701501-06	B.L.R. 22-7
602601-06	701801-06	
602701-02	701901-09	



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

DESIGN DESIGNATION FOR STATE ROUTE 162
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL
ADT: 8,480 (2023) 10,340 (2043)
DHY: 1.034 (2043)
DESIGN SPEED: 50 MPH

DESIGN DESIGNATION FOR KEEBLER ROAD
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
ADT: 5,130 (2023) 6,250 (2043)
DHY: 625 (2043)
DESIGN SPEED: 40 MPH

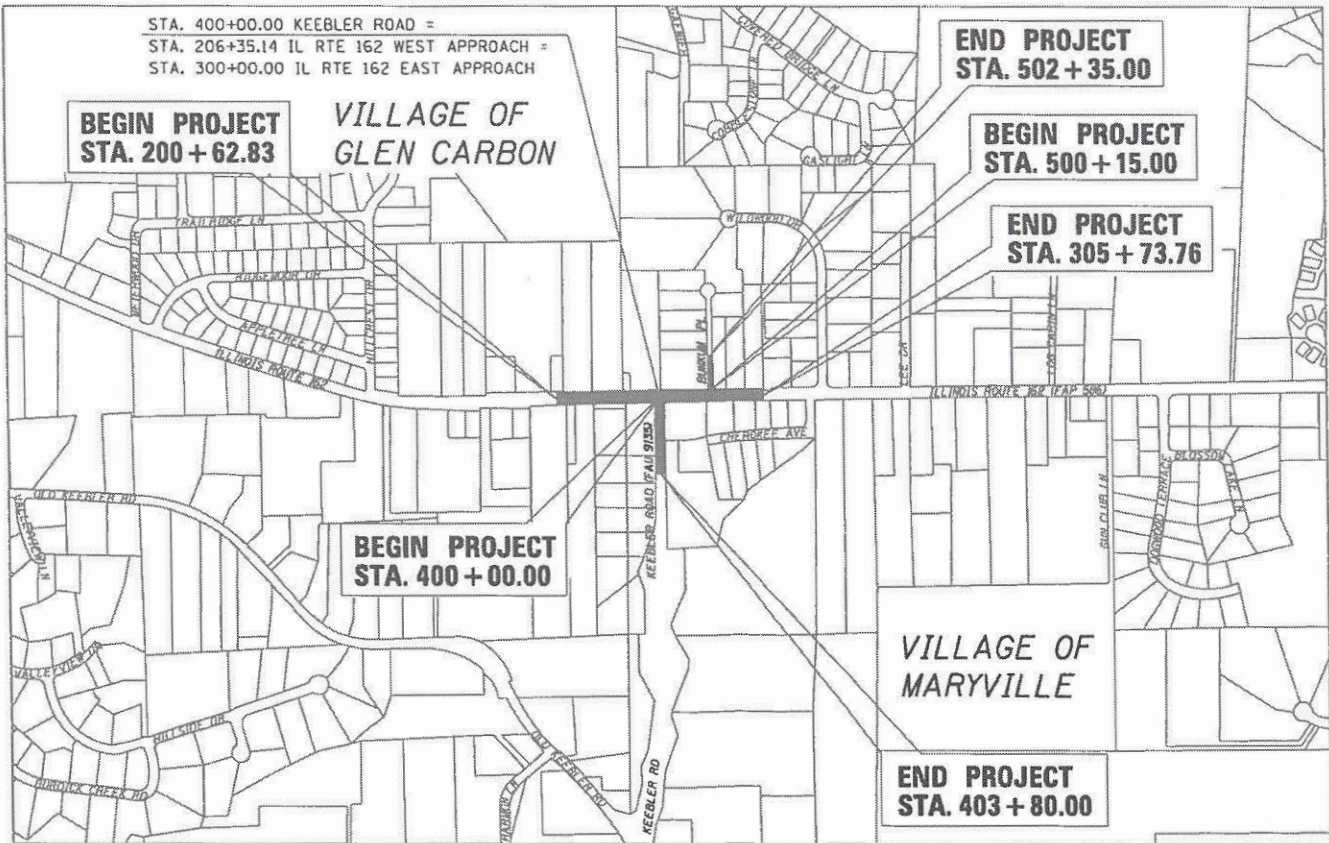
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEEBLER ROAD AT IL 162 ROUNDABOUT
MARYVILLE, ILLINOIS

F.A.P. ROUTE 586 (IL RTE 162)
F.A.U. ROUTE 9135 (KEEBLER ROAD)
CMAQ FUNDS

SECTION NO.: 16-00015-02-PV
MADISON COUNTY
PROJECT NO.: XUEX(335)
C-98-337-16

PLAN 1" = 20'
PROFILE HORIZ. 1" = 20'
PROFILE VERT. 1" = 5'
CROSS SECTIONS 1" = 10' HORIZ.
1" = 5' VERT.



LOCATION MAP

SCALE: 1" = 500'

KEEBLER ROAD PROJECT: 380.00 LIN. FT. = 0.072 MILES
ILLINOIS ROUTE 162 PROJECT: 1146.07 LIN. FT. = 0.217 MILES
BUNKUM PLACE PROJECT: 220.00 LIN. FT. = 0.042 MILES
GROSS LENGTH OF PROJECT: 1746.07 LIN. FT. = 0.331 MILES
NET LENGTH OF PROJECT: 1746.07 LIN. FT. = 0.331 MILES
SECTION 3 & 4, T. 3 N., R. 8 W., 3RD P.M.



LOCATION OF SECTION INDICATED THUS: —

VILLAGE OF MARYVILLE	
Approved	<i>[Signature]</i> 7/19/2024 Craig Short Village of Maryville, Mayor
Passed	<i>[Signature]</i> 7/19/2024 District 8 Engineer of Local Roads & Streets
Releasing for Bid Based on Limited Review	<i>[Signature]</i> 7/19/2024 Region 5 Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

[Signature] 7/17/24
BRIAN F. KULICK, P.E. No. 48938
Job No. E180726



Expires 10-30-25



2100 State Street, P.O. Box 1325
Granite City, IL 62040
618-877-1600 F. 618-452-5541
Professional Design Firm License No. 184-003358

100 North Research Drive
Edwardsville, IL 62025
618-368-0820 F. 618-368-0841

330 N. Fourth Street, Suite 200
St. Louis, MO 63102
314-241-4444 F. 314-241-1331

LEGEND

	EVERGREEN (5" DIA)
	DECIDUOUS (8" DIA)
	SHRUB
	FIRE HYDRANT
	SIGN
	BOLLARD
	POWER POLE
	POWER POLE WITH DOWN GUY
	FENCE
	BENCH MARK
	DITCH/SWALE
	EXISTING MAILBOX

	FOUND CONCRETE MONUMENT
	WATER METER
	GAS METER
	WATER VALVE
	GAS VALVE
	TO BE ADJUSTED
	TO BE REMOVED
	TO BE REMOVED & RELOCATED
	TO BE REMOVED & RELOCATED BY OTHERS
	DO NOT DISTURB
	PROPERTY LINE
	EXIST R.O.W. LINE
	WOOD POST

	WATER LINE
	GAS LINE
	OVERHEAD ELECTRIC LINE
	TELEPHONE LINE
	CABLE TV LINE
	STORM SEWER
	SANITARY SEWER
	LIGHT POLE
	STORM SEWER MANHOLE
	SANITARY SEWER MANHOLE
	CATCH BASIN
	INLET

DITCH CHECK SPACING

RECOMMENDED SPACING OF DITCH CHECK MATERIALS BASED UPON THE PERCENT OF SLOPE ACCORDING TO THE FOLLOWING TABLE:

% SLOPE	(D)	(X)
	HT. AT CENTER/ OVERFLOW PT. OF DITCH CHECK	SPACING OF DITCH CHECK IN FEET
8%	12"	13
	18"	20
	24"	26
7%	12"	14
	18"	21
	24"	28
6%	12"	17
	18"	26
	24"	34
5%	12"	20
	18"	30
	24"	40
4%	12"	25
	18"	38
	24"	50
3%	12"	33
	18"	50
	24"	66
2%	12"	50
	18"	75
	24"	100
1% & BELOW	12"	100
	18"	150
	24"	200

THE QUANTITIES AND SPACING SHOWN IN PLANS WERE BASED ON AN ASSUMED VALUE OF D=1'. QUANTITIES AND SPACING MAY CHANGE DEPENDING ON ACTUAL D. USE FORMULA BELOW TO DETERMINE SPACING OF QUANTITIES. X=D/% SLOPE

FOR DITCH SLOPES >8% USE AGGREGATE DITCH CHECKS.

GENERAL NOTES:

ILLINOIS STATE LAW REQUIRES A 48-HR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

• AT&T 160 W. DIVISION STREET MARYVILLE, ILLINOIS 62062 (618) 346-6426 ATTN: KEVIN URBANEK	TELEPHONE
• AMEREN IP 2600 N. CENTER STREET P.O. BOX 378, MC 0-10 MARYVILLE, ILLINOIS 62062 (618) 346-1270 ATTN: ANDY PARKER	GAS
• AMEREN IP 2600 N. CENTER STREET CM ENGR SPT A - D5 MARYVILLE, ILLINOIS 62062 (618) 346-1224 ATTN: JUSTIN JOSTES	ELECTRIC
• VILLAGE OF MARYVILLE 2520 N. CENTER STREET MARYVILLE, ILLINOIS 62062 (618) 345-7027 ATTN: MAT HOFFMAN	WATER, STORM AND SANITARY SEWERS
• CHARTER COMMUNICATIONS 101 NORTHWEST PLAZA DR. ST. ANN, MISSOURI 63074 (636) 387-6633	CABLE TELEVISION
• SOUTHWEST ELECTRIC COOP. 10031 ELLIS ROAD ST. JACOB, IL 62281 (800) 631-8667 EXT 4214 ATTN: VINCENT SANVI	ELECTRIC
• NATURAL GAS PIPELINE 7501 HUEY ROAD CENTRALIA, IL 62801 (618) 495-2211 ATTN: ROBERT MOODY	GAS
• ILLINOIS AMERICAN WATER COMPANY 100 N. WATER WORKS DRIVE BELLEVILLE, IL 62223 (618) 876-0011 ATTN: DARRELL TYLER	WATER

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *, NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY)

EXISTING UTILITIES SHOWN ON THE PLANS ARE PLOTTED FROM AVAILABLE INFORMATION. THEIR LOCATION SHOULD BE CONSIDERED APPROXIMATE ONLY AND THERE MAY BE OTHERS NOT SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ALL UTILITIES. ANY DAMAGE TO UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR IS ADVISED THAT LIMITED UNDERGROUND INVESTIGATION OF UTILITIES HAS BEEN PERFORMED IN CONNECTION WITH THIS PROJECT. SOME PLAN INFORMATION HAS BEEN OBTAINED FROM VISUAL SURFACE INSPECTION OR AVAILABLE DOCUMENTATION. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR THE PRESENCE, SPECIFIC SIZE, LOCATION OR CONDITION OF UNDERGROUND UTILITY AND DISTRIBUTION SYSTEMS. UTILITY LINE LOCATIONS SHOWN ARE APPROXIMATE AND MAY VARY FROM WHERE SHOWN ON THE PLANS.

AN ESTIMATED QUANTITY OF 100 TONS OF "AGGREGATE FOR TEMPORARY ACCESS" HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND SIDE ROADS THROUGHOUT CONSTRUCTION OPERATIONS DURING THIS CONTRACT.

TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.

ALL MANHOLE AND INLET LOCATIONS NOTED IN THE PLANS REFER TO THE CENTER OF THE BARREL SECTION OF THE STRUCTURE.

THE CONTRACTOR SHALL CONSTRUCT PAVEMENT SO THAT FLOW ALONG CURBS AND/OR GUTTERS IS MAINTAINED, INCLUDING FLOW THROUGH INTERSECTIONS, AROUND CURB RETURNS AND TO EXISTING INLETS.

REMOVAL OF AGGREGATE PAVEMENT SURFACE AND OIL AND CHIP PAVEMENT SHALL NOT BE PAID FOR SEPERATELY, BUT WILL BE PAID FOR AS EARTH EXCAVATION.

THE TOP OF PROPOSED P.C.C. CURB AND GUTTER SHALL BE CONSTRUCTED AT THE SAME ELEVATION AS THE TOP OF THE EXISTING CURB AND GUTTER. THIS SHALL BE DONE IN ORDER TO MAINTAIN THE EXISTING DRAINAGE PATTERN TO EXISTING INLETS AND TO MAINTAIN THE EXISTING PROFILES WITH NO ADDITIONAL PAYMENTS.

THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO ADJUST WATER VALVES, WATER METERS, GAS VALVES, GAS METERS AND OTHER ITEMS LOCATED WITHIN THE EXISTING ROADWAY TO MATCH THE PROPOSED ROADWAY SURFACE.

ALL EXCAVATED AREAS DUE TO WIDENING AND/OR STRUCTURE AND SIDEWALK CONSTRUCTION OPERATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS. THIS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE CONSIDERED INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

CHANGES IN THE VERTICAL OR HORIZONTAL DIMENSIONS OF GUTTERS, CURBS, OR COMBINATION CURB & GUTTER, WHEN TRANSITIONING FROM ONE TYPE TO ANOTHER AS SHOWN IN THE PLANS, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR THE TYPE DESIGNATED IN THE PLAN SCHEDULE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR AN ON-SITE INSPECTION PRIOR TO SUBMITTING A BID ON THIS PROJECT. UPON RECEIPT OF A BID, IT SHALL BE ASSUMED THAT THE CONTRACTOR IS FULLY FAMILIAR WITH THE CONSTRUCTION SITE.

EXISTING HEADWALLS AND OTHER APPURTENANCES ATTACHED TO EXISTING CULVERTS OR STORM SEWERS TO BE REMOVED SHALL ALSO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST FOR REMOVING THE APPURTENANCES WILL NOT BE PAID FOR SEPERATELY, BUT WILL BE INCLUDED IN THE COST OF THE CULVERT REMOVAL OR STORM SEWER REMOVAL ITEM.

WHERE PROPOSED CONCRETE PAVEMENT OR P.C.C. CURB AND GUTTER IS TO BE CONSTRUCTED ADJACENT TO EXISTING CONCRETE PAVEMENT OR P.C.C. CURB AND GUTTER, THE CONTRACTOR SHALL DRILL AND GROUT NO. 6 X 30 EPOXY COATED TIE BARS AT 30" CENTERS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF P.C.C. PAVEMENT 10" (JOINTED) OR COMBINATION CONCRETE CURB AND GUTTER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE FOLLOWING CONSTANTS WERE USED IN THE CALCULATION OF QUANTITIES FOR THIS PROJECT:

NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
GRANULAR MATERIALS	2.05 TON/C.Y.
HOT-MIX ASPHALT	112 LBS/S.Y./INCH
BITUMINOUS MATERIALS (PRIME COAT)	0.25 LB/S.F.
BITUMINOUS MATERIALS (TACK COAT)	0.025 LB/S.F. (HMA LIFTS) 0.05 LB/S.F. (MILLED HMA)

REMOVAL OF LANDSCAPING ITEMS SHOWN ON THE PLANS SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS. REMOVAL OF TEMPORARY PAVEMENT MARKINGS WILL BE PAID PER 50 FT FOR PAVEMENT MARKING REMOVAL - GRINDING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE FIRE DEPARTMENT AND POLICE DEPARTMENT OF THE RESPECTIVE MUNICIPALITY ANY TIME NORMAL TRAFFIC FLOW ON ANY STREET OR ROAD IS TO BE INTERRUPTED, HOWEVER BRIEFLY. SCHOOLS AND POST OFFICE SHALL ALSO BE CONTACTED WHEN A ROAD IS PARTIALLY OR COMPLETELY CLOSED.

VILLAGE OF MARYVILLE FIRE DEPARTMENT	(618) 344-8099 (NON-EMERGENCY)
VILLAGE OF MARYVILLE POLICE DEPARTMENT	(618) 344-8899 (NON-EMERGENCY)
MADISON COUNTY SHERIFF DEPARTMENT	(618) 692-4433 (NON-EMERGENCY)
MARYVILLE POST OFFICE	(618) 288-1720
GLEN CARBON POST OFFICE	(618) 288-9503
COLLINSVILLE POST OFFICE	(618) 344-3787
MARYVILLE ELEMENTARY SCHOOL	(618) 346-6262
MARYVILLE CHRISTIAN SCHOOL	(618) 505-7000
ST JOHN NEUMANN CATHOLIC SCHOOL	(618) 345-7230
FIRST BAPTIST CHURCH MARYVILLE	(618) 667-8221
FATHER MCGIVNEY CATHOLIC HIGH SCHOOL	(618) 855-9010
ALBERT CASSENS ELEMENTARY SCHOOL	(618) 655-6150
GLEN CARBON ELEMENTARY SCHOOL	(618) 692-7460
ST THOMAS CHILD CARE AND PRESCHOOL	(618) 288-5697
COLLINSVILLE COMMUNITY SCHOOL	(618) 343-2878
VILLAGE OF GLEN CARBON POLICE DEPARTMENT	(618) 288-7226
VILLAGE OF GLEN CARBON FIRE DEPARTMENT	(618) 288-1220

COMMITMENTS

TREES WITH A DIAMETER OF THREE (3) INCHES OR GREATER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER OF ANY YEAR.

FILE NAME = gennotes.dgn	USER NAME = SMahmud	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	GENERAL NOTES, LEGEND AND COMMITMENTS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RKR	REVISED -					586	16-00015-02-PV	MADISON	71	2
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -		CONTRACT NO. 97708							
JUNEAU JOB NO. E168728	PLOT DATE = 7/17/2024	DATE - 7/17/24	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	37
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	84
20100500	TREE REMOVAL, ACRES	ACRE	0.25
20200100	EARTH EXCAVATION	CU YD	6365
20800150	TRENCH BACKFILL	CU YD	703
25000100	SEEDING, CLASS 1	ACRE	2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	180
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	180
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	180
25100115	MULCH, METHOD 2	ACRE	2
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200
28000305	TEMPORARY DITCH CHECKS	FOOT	572
28000400	PERIMETER EROSION BARRIER	FOOT	522
28000500	INLET AND PIPE PROTECTION	EACH	28
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	1997
28100709	STONE DUMPED RIPRAP, CLASS A5	SQ YD	58
28200200	FILTER FABRIC	SQ YD	2055
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	138
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	1853
31100700	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	4643
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	62
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2007
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1163
40600370	LONGITUDINAL JOINT SEALANT	FOOT	730
40600990	TEMPORARY RAMP	SQ YD	46
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	307
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	297

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	14
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	3667
42001300	PROTECTIVE COAT	SQ YD	7489
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	884
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	799
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2896
42400800	DETECTABLE WARNINGS	SQ FT	64
44000100	PAVEMENT REMOVAL	SQ YD	4052
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	1180
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	889
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	737
44000600	SIDEWALK REMOVAL	SQ FT	3774
44200986	CLASS B PATCHES, TYPE III, 11 INCH	SQ YD	84
44201299	DOWEL BARS 1 1/2"	EACH	84
44213200	SAW CUTS	FOOT	272
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	133
48203041	HOT-MIX ASPHALT SHOULDERS, 11"	SQ YD	318
50105220	PIPE CULVERT REMOVAL	FOOT	396
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1947
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	264
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	63
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	19
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1033
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	288
55100500	STORM SEWER REMOVAL 12"	FOOT	301
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1

* SPECIALTY ITEMS

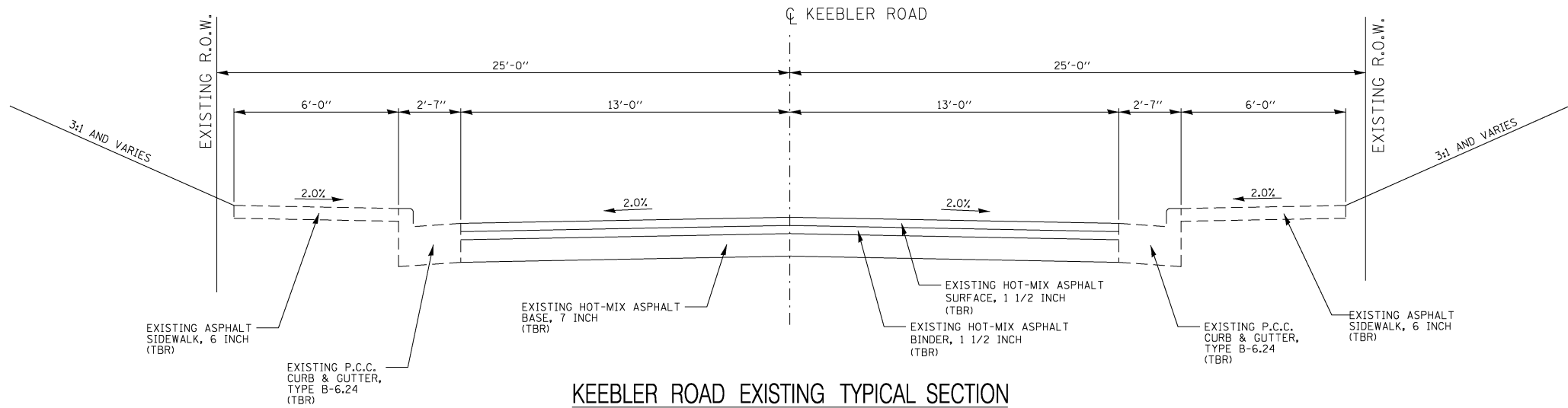
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
60500060	REMOVING INLETS	EACH	4
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	347
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2480
60607400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24	FOOT	195
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	320
60617800	PAVED FLUME	FOOT	4
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	175
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8
63200310	GUARDRAIL REMOVAL	FOOT	204
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	155
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	22
67100100	MOBILIZATION	L SUM	1
70106700	TEMPORARY RUMBLE STRIPS	EACH	6
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	20
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	8287
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	388
* 72000100	SIGN PANEL - TYPE 1	SQ FT	214
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	11
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	475
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	9
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3678
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	71
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	20

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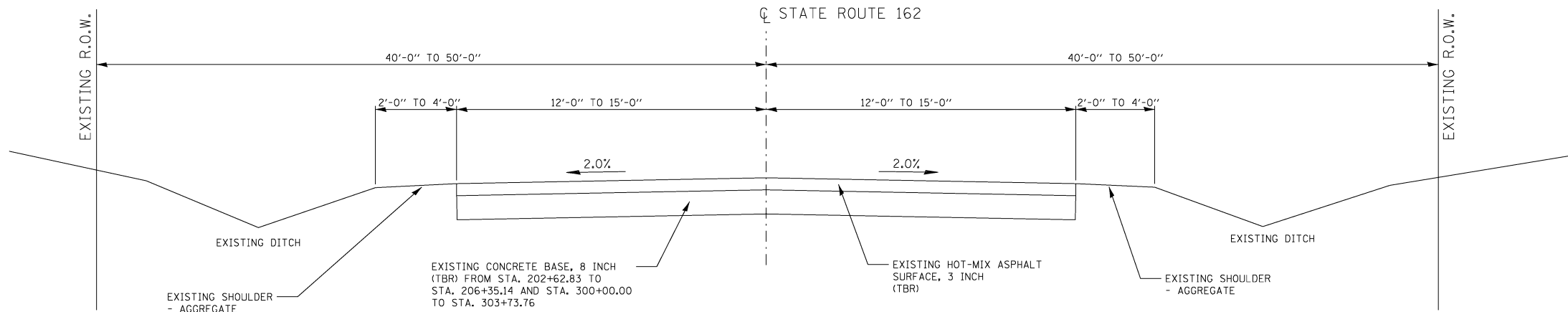
* SPECIALTY ITEMS
0042

FILE NAME *	USER NAME * 5Mahmud	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	SUMMARY OF QUANTITIES					P.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
sum qty.dgn		DRAWN - RKR	REVISED -		506	16-00015-02-PV	MADISON	71	4					
		CHECKED - BFK	REVISED -		CONTRACT NO. 97708									
JUNEAU Job No. E160720		DATE - 7/17/2024	REVISED -		SCALE: N.T.S.	SHEET 2 OF 2	SHEETS	STA	TO STA	THE WORKING AND PROJECT				



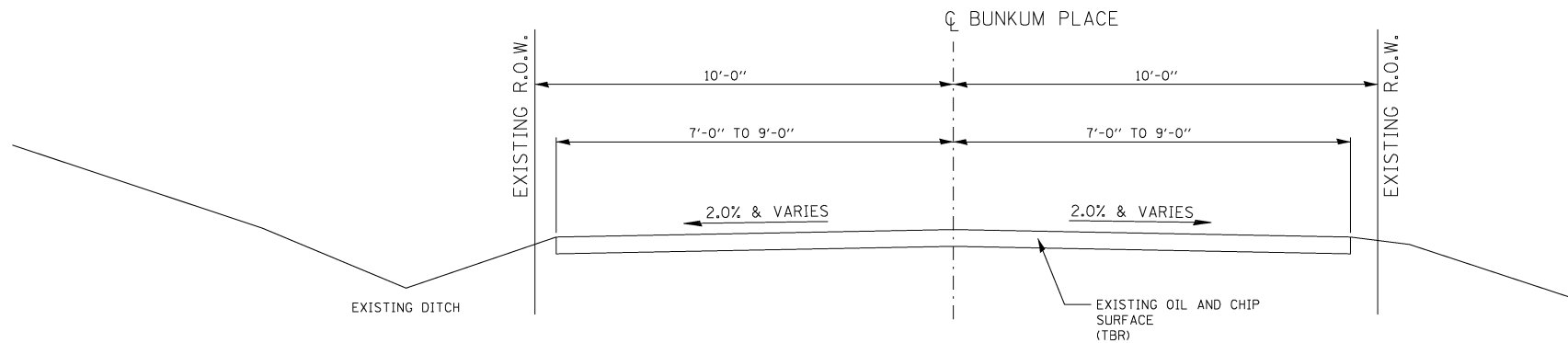
KEEBLER ROAD EXISTING TYPICAL SECTION

STA. 400+00.00 TO STA. 403+80.00
(NOT TO SCALE)



STATE ROUTE 162 EXISTING TYPICAL SECTION

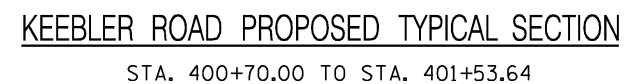
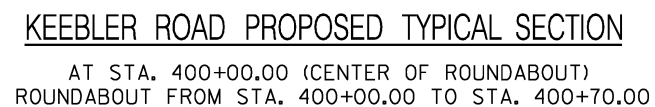
STA. 200+62.83 TO STA. 206+35.14
STA. 300+00.00 TO STA. 305+73.76
(NOT TO SCALE)



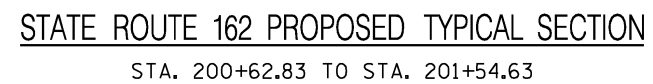
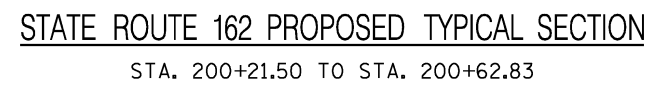
BUNKUM PLACE EXISTING TYPICAL SECTION

STA. 500+15.00 TO STA. 502+35.00
(NOT TO SCALE)

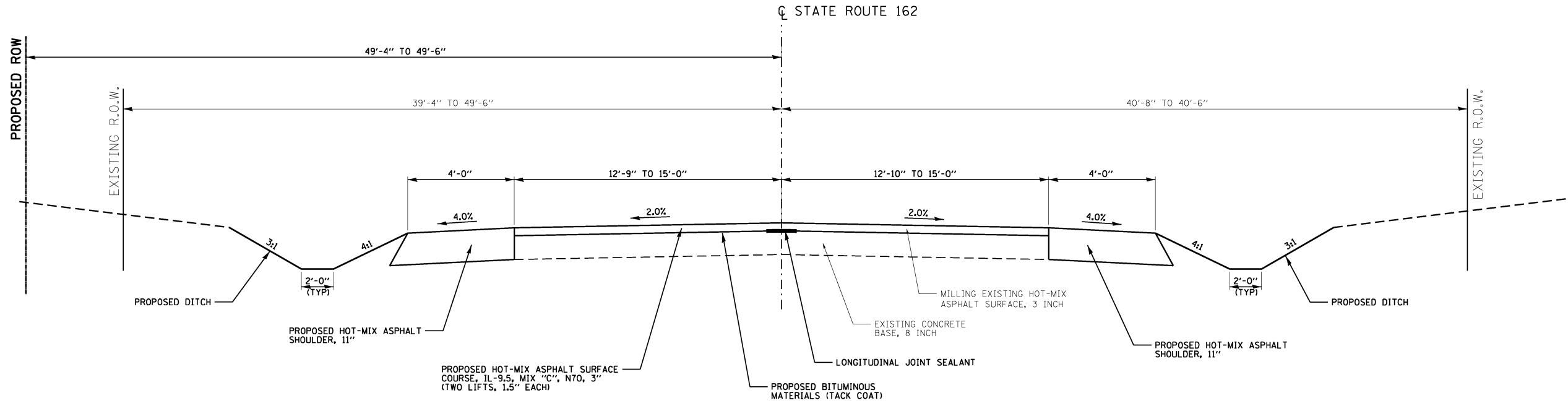
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		DRAWN - RKR	REVISED -						586	16-00015-02-PV	MADISON	71	5
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -		CONTRACT NO. 97708								
	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					



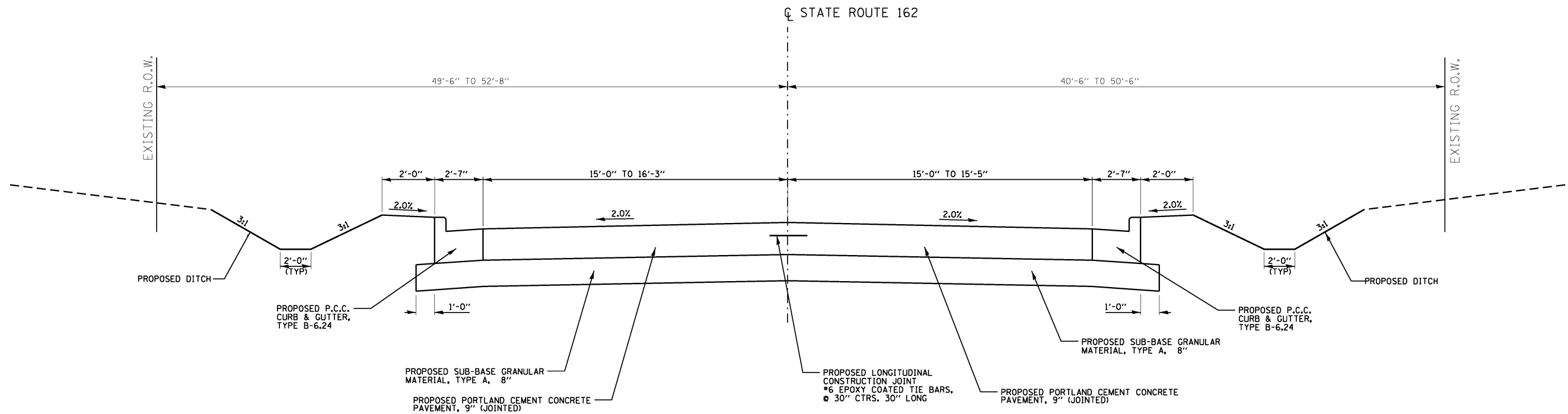
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tpj-proposed.dgn		DRAWN - RKR	REVISED -			9135	16-00015-02-PV	MADISON	71	6
		CHECKED - BFK	REVISED -			CONTRACT NO. 97708				
JUNEAU JOB NO. E160720		DATE - 7/17/24	REVISED -			SCALE: N.T.S.	SHEET NO. 1 OF 8 SHEETS	STA.	TO STA.	
	PLOT SCALE = 40.0000 ' / in.						ILLINOIS FED. AID PROJECT			



FILE NAME =	USER NAME = SMahmud	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDAABOUT MARYVILLE, ILLINOIS	PROPOSED TYPICALS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -		CONTRACT NO. 97708								
	PLOT DATE = 7/17/2024	DATE - 7/17/24	REVISED -										
				SCALE: N.T.S.	SHEET NO. 3 OF 8 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT				



STATE ROUTE 162 PROPOSED TYPICAL SECTION
STA. 201+54.63 TO STA. 202+62.83



STATE ROUTE 162 PROPOSED TYPICAL SECTION
STA. 202+62.83 TO STA. 204+63.07

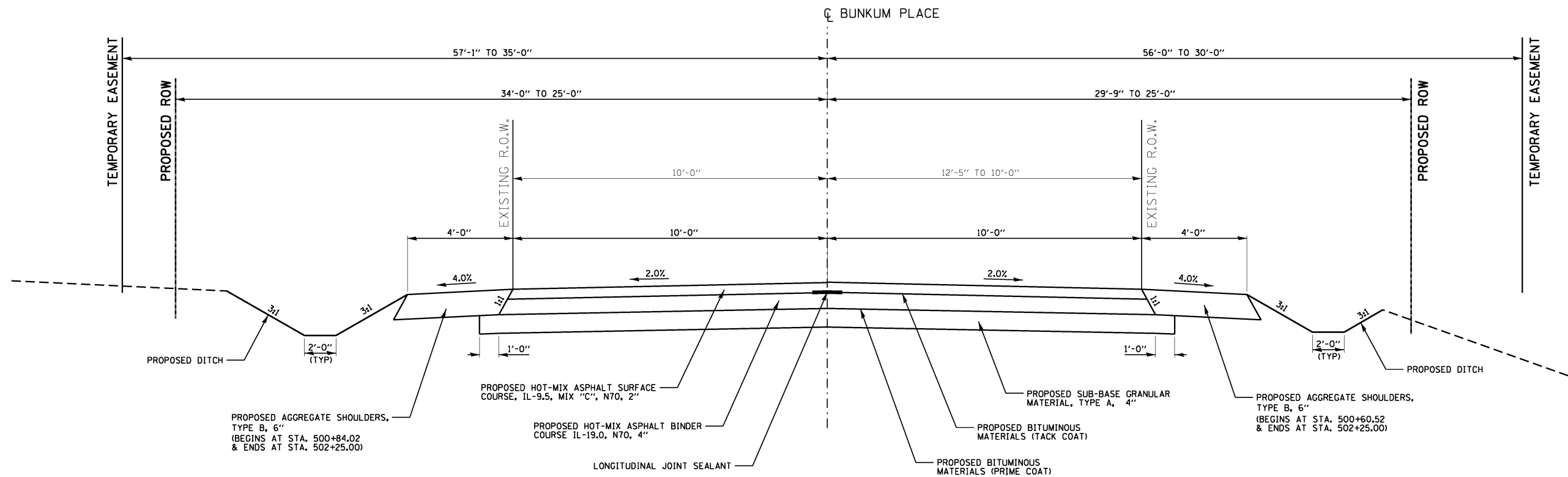
FILE NAME = typ-proposed.dgn JUNEAU JOB NO. E160720	USER NAME = SMahmud PLOT SCALE = 40.0000 ' / in. PLOT DATE = 7/17/2024	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	PROPOSED TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RKR	REVISED -					586	16-00015-02-PV	MADISON	71	9
		CHECKED - BFK	REVISED -		SCALE: N.T.S. SHEET NO. 4 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 97708				
		DATE - 7/17/24	REVISED -					ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = SMahmud	DESIGNED - BFK	REVISED -	STATE ROUTE 162 AND KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	PROPOSED TYPICALS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
typ..proposed.dgn		DRAWN - RKR	REVISED -							586	16-00015-02-PV	MADISON	71	11
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -		CONTRACT NO. 97708									
JUNEAU JOB NO. E160720	PLOT DATE = 7/17/2024	DATE - 7/17/24	REVISED -											
				SCALE: N.T.S.	SHEET NO. 6 OF 8 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT					



FILE NAME =	USER NAME = SMahmud	DESIGNED - BFK	REVISED -	STATE ROUTE 162 AND KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	PROPOSED TYPICALS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
typ..proposed.dgn		DRAWN - RKR	REVISED -		586	16-00015-02-PV	MADISON	71	12					
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -		CONTRACT NO. 97700									
JUNEAU JOB NO. E160720	PLOT DATE = 7/17/2024	DATE - 7/17/24	REVISED -		SCALE: N.T.S.	SHEET NO. 7 OF 8 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT				



BUNKUM PLACE PROPOSED TYPICAL SECTION
STA. 500+60.52 TO STA. 502+35.00

FILE NAME = typ-proposed.dgn JUNEAU JOB NO. E160720	USER NAME = SMahmud	DESIGNED - BFK	REVISED -	STATE ROUTE 162 AND KEEBLER ROAD ROUNDAABOUT MARYVILLE, ILLINOIS	PROPOSED TYPICALS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RKR	REVISED -							586	16-00015-02-PV	MADISON	71	13
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -		CONTRACT NO. 97708									
PLOT DATE = 7/17/2024	DATE - 7/17/24	REVISED -	SCALE: N.T.S.		SHEET NO. 8 OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT						

PAVING SCHEDULE

LOCATION	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SUBBASE GRANULAR MATERIAL, TYPE A	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED) (SQ YD)	PORTLAND CEMENT CONCRETE PAVEMENT 9" (SPECIAL) (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (TON)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70 (TON)	LONGITUDINAL JOINT SEALANT (FOOT)	AGGREGATE SHOULDERS, TYPE B 6" (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 11" (SQ YD)
	(SQ YD)	(SQ YD)	(TON)									
KEEBLER ROAD												
STA. 400+70.00 TO STA. 402+25.00	799.5		44.8	549.1								
STA. 402+25.00 TO STA. 403+80.00	605.2					1084.4	325.3	215.9	54.0	155.0		
STATE ROUTE 162												
STA. 200+62.83 TO STA. 202+62.83							363.4		98.0	200.0		149.4
STA. 202+62.83 TO STA. 303+73.76		4302.0	93.6	2850.1	507.1							
STA. 303+73.76 TO STA. 305+73.76							384.0		100.8	200.0		168.9
BUNKUM PLACE												
STA. 500+15.00 TO STA. 500+60.52		341.2		268.0								
STA. 500+60.52 TO STA. 502+35.00	448.0					923.1	89.8	90.6	44.2	175.0	133.3	
TOTAL	1853	4643	138	3667	507	2007	1163	307	297	730	133	318

RELOCATE EXISTING MAILBOX SCHEDULE

EXISTING LOCATION	PROPOSED LOCATION	RELOCATE EXISTING MAILBOX (EACH)
STATE ROUTE 162		
STA. 201+73.39 - 20.39' LT	STA. 201+62.71 - 19.18' LT	1
STA. 201+82.81 - 26.07' RT	STA. 201+72.69 - 19.27' RT	1
STA. 202+40.06 - 23.39' RT	STA. 202+48.69 - 20.74' RT	1
STA. 203+11.12 - 23.81' RT	STA. 203+02.41 - 19.08' RT	1
STA. 205+17.84 - 19.08' RT	STA. 402+44.41 - 18.32' RT	1
STA. 206+01.48 - 49.39' LT	STA. 204+65.10 - 20.36' LT	1
STA. 301+11.60 - 32.78' LT	STA. 500+88.02 - 16.00' LT	1
STA. 305+52.24 - 24.25' LT	STA. 305+36.22 - 18.56' LT	1
KEEBLER ROAD		
STA. 401+40.31 - 17.47' LT	STA. 401+98.20 - 175.92' LT	1
STA. 403+23.46 - 16.11' RT	STA. 403+23.45 - 17.24' RT	1
TOTAL		10

PIPE CULVERTS SCHEDULE

STRUCTURE ID	LOCATION	PIPE CULVERTS CLASS A, TYPE 1		PRECAST REINFORCED CONCRETE FLARED END SECTION		TRENCH BACKFILL (CU YD)
		15"	18"	15"	18"	
		(FOOT)	(FOOT)	(EACH)	(EACH)	
	STATE ROUTE 162					
K-1 TO K-2	STA. 200+83.89 - 45.00' LT TO STA. 200+83.89 - 27.00' LT	10		1		0
K-2 TO K-3	STA. 200+83.89 - 27.00' LT TO STA. 200+83.89 - 29.61' RT	49		1		31
K-4 TO K-5	STA. 201+33.60 - 27.97' LT TO STA. 201+81.26 - 27.97' LT	36		2		4
K-6 TO K-7	STA. 201+41.55 - 29.72' RT TO STA. 201+77.78 - 29.66' RT	24		2		4
K-8 TO K-9	STA. 202+47.36 - 28.90' RT TO STA. 203+04.55 - 27.95' RT	45		2		5
K-10 TO K-11	STA. 204+21.32 - 27.69' LT TO STA. 204+67.57 - 29.89' LT	36		2		4
K-23 TO K-40	STA. 302+32.77 - 39.60' LT TO STA. 302+50.75 - 45.17' LT	12		1		0
K-27 TO K-28	STA. 304+96.41 - 33.81' LT TO STA. 304+96.41 - 30.00' RT		56		1	37
K-28 TO K-29	STA. 304+96.41 - 30.00' RT TO STA. 305+04.21 - 42.50' RT		7		1	0
K-30 TO K-31	STA. 305+06.08 - 34.17' LT TO STA. 305+41.96 - 29.66' LT	24		2		3
	BUNKUM PLACE					
K-32 TO K-33	STA. 500+51.94 - 23.15' LT TO STA. 500+92.15 - 23.15' LT	28		2		2
	TOTAL	264	63	15	2	90

PAVEMENT MARKING SCHEDULE

LOCATION	TYPE	THERMOPLASTIC PAVEMENT MARKING				MODIFIED URETHANE PAVEMENT MARKING					CURB REFLECTORS		RAISED REFLECTIVE PAVEMENT MARKER		PAINT PAVEMENT MARKING CURB		TEMPORARY PAVEMENT MARKING - PAINT			PAVEMENT MARKING REMOVAL - GRINDING (SQ FT)
		6" YELLOW (FOOT)	6" WHITE (FOOT)	12" YELLOW (FOOT)	12" WHITE (FOOT)	6" YELLOW (FOOT)	6" WHITE (FOOT)	12" YELLOW (FOOT)	12" WHITE (FOOT)	LETTERS & SYMBOLS (SQ FT)	CYRSTAL ONE-WAY (EACH)	AMBER ONE-WAY (EACH)	AMBER ONE-WAY (EACH)	AMBER TWO-WAY (EACH)	YELLOW (FOOT)	WHITE (FOOT)	LINE 6" (FOOT)	LINE 12" (FOOT)	LETTERS & SYMBOLS (SQ FT)	
KEEBLER ROAD																				
STA. 400+70.00 TO STA. 403+80.00											2	13	10	1	149	35				
	YIELD LINE									6									6	6
	DOUBLE CENTERLINE	567				286											853			427
	EDGE LINE		310			159	380										849			425
	SKIP-DASH 3'-3'								20									20		20
	DIAGONALS			20				16										36		36
	CROSSWALK								145									145		145
STATE ROUTE 162																				
STA. 200+62.83 TO STA. 305+73.76											4	28	30	4	666	53				
	YIELD LINE									14									14	14
	DOUBLE CENTERLINE	1310				1406											2716			1358
	EDGE LINE		800			855	1331										2986			1493
	SKIP-DASH 3'-3'								43									43		43
	DIAGONALS			33				93										126		126
BUNKUM PLACE																				
STA. 500+15.00 TO STA. 502+35.00																				
	STOP LINE				18													18		18
	DOUBLE CENTERLINE	349															349			175
	EDGE LINE		342				192										534			267
TOTAL		2226	1452	53	18	2706	1903	109	208	20	6	41	40	5	815	88	8287	388	20	4552
	GRAND TOTAL	3678		71		4609		317			47		45		903					

STORM SEWER SCHEDULE

STRUCTURE ID	LOCATION	STORM SEWERS, CLASS A, RCCP		TRENCH BACKFILL
		TYPE 1	TYPE 2	
		15" (FOOT)	15" (FOOT)	(CU YD)
	KEEBLER ROAD			
K-19 TO K-34	STA. 300+77.03 - 36.43' RT TO STA. 400+76.88 - 35.26' LT		74	45
K-34 TO K-35	STA. 400+76.88 - 35.26' LT TO STA. 401+33.64 - 22.66' RT		78	28
K-35 TO K-36	STA. 401+33.64 - 22.66' RT TO STA. 402+37.57 - 18.83' RT		101	76
K-36 TO K-37	STA. 402+37.57 - 18.83' RT TO STA. 402+37.57 - 18.84' LT		35	9
K-36 TO K-38	STA. 402+37.57 - 18.83' RT TO STA. 403+27.24 - 13.71' RT	87		27
K-39 TO K-38	STA. 403+27.24 - 17.73' LT TO STA. 403+27.24 - 13.71' RT	28		3
	STATE ROUTE 162			
K-12 TO K-13	STA. 202+70.15 - 25.94' LT TO STA. 203+15.97 - 19.00' LT	39		3
K-41 TO K-14	STA. 203+07.25 - 25.83' RT TO STA. 203+15.97 - 19.00' RT	4		0
K-14 TO K-15	STA. 203+15.97 - 19.00' RT TO STA. 204+22.94 - 19.02' RT	103		25
K-13 TO K-16	STA. 203+15.97 - 19.00' LT TO STA. 204+22.94 - 19.37' LT	105		35
K-16 TO K-17	STA. 204+22.94 - 19.37' LT TO STA. 205+46.46 - 28.65' LT	125		48
K-15 TO K-18	STA. 204+22.94 - 19.02' RT TO STA. 205+07.64 - 20.95' RT	79		21
K-20 TO K-22	STA. 300+88.71 - 27.29' LT TO STA. 302+10.00 - 22.87' LT	123		69
K-21 TO K-25	STA. 302+10.00 - 19.02' RT TO STA. 303+70.89 - 19.00' RT	157		50
K-22 TO K-23	STA. 302+10.00 - 22.87' LT TO STA. 302+32.77 - 39.60' LT	26		4
K-23 TO K-24	STA. 302+32.77 - 39.60' LT TO STA. 303+70.89 - 19.00' LT	137		37
K-24 TO K-42	STA. 303+70.89 - 19.00' LT TO STA. 303+86.16 - 29.23' LT	11		0
K-25 TO K-26	STA. 303+70.89 - 19.00' RT TO STA. 303+81.85 - 31.44' RT	9		0
	TOTAL	1033	288	480

CONCRETE MEDIAN SURFACE SCHEDULE

LOCATION	CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
	(SQ FT)
KEEBLER ROAD	
STA. 400+72.52 TO STA. 400+99.42	407.3
STA. 401+10.58 TO STA. 401+50.38	183.3
STATE ROUTE 162	
STA. 204+66.97 TO STA. 205+62.29	644.0
STA. 300+72.45 TO STA. 302+19.47	737.5
TOTAL	1972

PROTECTIVE COAT SCHEDULE

LOCATION	PROTECTIVE COAT (SQ YD)
KEEBLER ROAD	
PORTLAND CEMENT CONCRETE PAVEMENT	549
COMBINATION CURB AND GUTTER	313
PORTLAND CEMENT CONCRETE SIDEWALK	322
SPLITTER ISLAND MEDIAN SURFACE	66
DRIVEWAY PAVEMENT	594
STATE ROUTE 162	
PORTLAND CEMENT CONCRETE PAVEMENT	3357
COMBINATION CURB AND GUTTER	713
SPLITTER ISLAND MEDIAN SURFACE	154
DRIVEWAY PAVEMENT	645
BUNKUM PLACE	
PORTLAND CEMENT CONCRETE PAVEMENT	268
COMBINATION CURB AND GUTTER	62
DRIVEWAY PAVEMENT	444
PAVED FLUME	2
TOTAL	7489

TRENCH BACKFILL SUMMARY SCHEDULE

LOCATION	TRENCH BACKFILL (CU YD)
KEEBLER ROAD	
STORM SEWER SCHEDULE	188
STORM SEWER REMOVAL	95
STATE ROUTE 162	
STORM SEWER SCHEDULE	292
PIPE CULVERT SCHEDULE	88
PIPE CULVERT REMOVAL	38
BUNKUM PLACE	
PIPE CULVERT SCHEDULE	2
TOTAL	703

TEMPORARY TRAFFIC SIGNAL SCHEDULE

LOCATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION (EACH)	TEMPORARY RUMBLE STRIPS (EACH)
STATE ROUTE 162 / BUNKUM PLACE	1	6
TOTAL	1	6

GUARDRAIL SCHEDULE

LOCATION	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)	GUARDRAIL REFLECTORS, TYPE A (EACH)
STATE ROUTE 162				
STA. 200+22.69 - 16.17' RT TO STA. 200+72.72 - 16.00' RT		1	1	4
STA. 200+72.72 - 16.00' RT TO STA. 200+97.73 - 16.00' RT	25.00			
STA. 200+97.73 - 16.00' RT TO STA. 201+47.72 - 17.75' RT		1	1	
STA. 200+30.57 - 15.32 LT TO STA. 200+80.57 - 16.00' LT		1	1	4
STA. 200+80.57 - 16.00' LT TO STA. 200+93.07 - 16.00' LT	12.50			
STA. 200+93.07 - 16.00' LT TO STA. 201+43.02 - 17.56' LT		1	1	
STA. 303+73.76 - 20.00' LT TO STA. 304+23.76 - 18.25' LT		1	1	4
STA. 304+23.76 - 18.25' LT TO STA. 304+61.26 - 17.69' LT	37.50			
STA. 304+61.26 - 17.69' LT TO STA. 305+11.26 - 17.94' LT		1	1	
STA. 303+73.76 - 20.00' RT TO STA. 304+23.76 - 18.25' RT		1	1	4
STA. 304+23.76 - 18.25' RT TO STA. 305+23.76 - 16.75' RT	100.00			
STA. 305+23.76 - 16.75' RT TO STA. 305+73.76 - 17.00' RT		1	1	
TOTAL	175	8	8	16

DRIVEWAY PAVEMENT SCHEDULE

LOCATION	OFFSET	WIDTH	PCC DRIVEWAY PAVEMENT 6 INCH (SQ YD)	PCC DRIVEWAY PAVEMENT 8 INCH (SQ YD)	INCIDENTAL HOT-MIX ASPHALT SURFACING 6 INCH TON	"Y" DISTANCE (FOOT)
		(FOOT)				
KEEBLER ROAD						
- STA. 400+42.57 - 88.56' TO STA. 401+49.46 - 53.75'	RT	0 TO 5.40			14.1	
- STA. 400+42.81 - 102.84' TO STA. 400+90.42 - 98.33'	RT	11.50	86.6			
PE @ STA. 402+07.61	LT	12.00		356.4		
PE @ STA. 402+80.47	RT	24.00		90.8		26.5
PE @ STA. 403+03.86	RT	12.00	38.4			19.8
PE @ STA. 403+55.00	LT	18.00	21.9			2.9
STATE ROUTE 162						
PE @ STA. 201+49.64	LT	24.00	95.1			30.7
PE @ STA. 201+61.15	RT	12.00	40.8			21.6
PE @ STA. 202+65.35	RT	14.00	48.5			17.0
PE @ STA. 202+87.90	RT	12.00	54.9			26.9
PE @ STA. 204+48.91	LT	24 TO 12		351.7		220.6
PE @ STA. 305+24.14	LT	12.00	53.7			31.3
BUNKUM PLACE						
PE @ STA. 500+72.02	LT	20.00	443.9			181.1
TOTAL			884	799	14	

SIDEWALK SCHEDULE

LOCATION	WIDTH (FOOT)	P.C.C. SIDEWALK, 4" (SQ FT)
KEEBLER ROAD		
STA. 401+01.00 - 5.32' LT TO STA. 401+09.00 - 3.90' RT	8	74.5
STA. 401+05.51 - 25.39' LT TO STA. 403+46.00 - 22.08' LT	6	1408.3
STA. 403+64.00 - 21.85' LT TO STA. 403+80.00 - 21.90' LT	6	78.7
STA. 401+05.76 - 26.50' RT TO STA. 402+60.00 - 23.11' RT	6	890.7
STA. 402+84.45 - 22.77' RT TO STA. 402+97.86 - 22.58' RT	6	40.2
STA. 403+09.86 - 22.43' RT TO STA. 403+80.00 - 21.72' RT	6	403.6
TOTAL		2896

MANHOLE AND INLET SCHEDULE

STRUCTURE ID	LOCATION	OFFSET DISTANCE	INLETS, SPECIAL, NO. 1	MANHOLES, TYPE A, 4'-DIA., TYPE 1 F, CL	MANHOLES, TYPE A, 4'-DIA., TYPE 24 F&G	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
		(FOOT)	(3' X 3') (EACH)	(EACH)	(EACH)	(EACH)
	KEEBLER ROAD					
K-34	STA. 400+76.88 LT	35.26	1			
K-35	STA. 401+33.64 RT	22.66	1			
K-36	STA. 402+37.57 RT	18.83	1			
K-37	STA. 402+37.57 LT	18.84	1			
K-38	STA. 403+27.24 RT	13.71			1	
K-39	STA. 403+27.24 LT	17.73	1			
	STATE ROUTE 162					
K-2	STA. 200+83.89 LT	27.00		1		
K-12	STA. 202+70.15 LT	25.94				1
K-41	STA. 203+07.25 RT	25.83				1
K-13	STA. 203+15.97 LT	19.00	1			
K-14	STA. 203+15.97 RT	19.00	1			
K-15	STA. 204+22.94 RT	19.02	1			
K-16	STA. 204+22.94 LT	19.37	1			
K-17	STA. 205+46.46 LT	28.65	1			
K-18	STA. 205+07.64 RT	20.95	1			
K-19	STA. 300+77.03 RT	36.43	1			
K-20	STA. 300+88.71 LT	27.29	1			
K-21	STA. 302+10.00 RT	19.02	1			
K-22	STA. 302+10.00 LT	22.87	1			
K-23	STA. 302+32.77 LT	39.60	1			
K-24	STA. 303+70.89 LT	19.00	1			
K-25	STA. 303+70.89 RT	19.00	1			
K-26	STA. 303+81.85 RT	31.44				1
K-42	STA. 303+86.16 LT	29.23				1
K-28	STA. 304+96.41 RT	30.00		1		
	TOTAL		18	2	1	4

PAVEMENT PATCHING SCHEDULE

LOCATION	WIDTH	CLASS B PATCHES, TYPE III, 11 INCH	DOWEL BARS 1½"	SAW CUTS
	(FOOT)	(SQ YD)	(EACH)	(FOOT)
STATE ROUTE 162				
STA. 200+76.39 - 0.00' LT TO STA. 200+91.39 - 0.00' LT	12.00	20	20	66
STA. 200+76.39 - 0.00' RT TO STA. 200+91.39 - 0.00' RT	12.00	20	20	66
STA. 304+88.91 - 0.00' LT TO STA. 305+03.91 - 0.00' LT	13.27 TO 13.05	22	22	70
STA. 304+88.91 - 0.00' RT TO STA. 305+03.91 - 0.00' RT	13.27 TO 13.05	22	22	70
TOTAL		84	84	272

DETECTABLE WARNINGS SCHEDULE

LOCATION	DETECTABLE WARNINGS (SQ FT)
KEEBLER ROAD	
STA. 401+01.00 - 4.97' RT TO STA. 401+09.00 - 3.90' RT	16.2
STA. 401+01.00 - 5.32' LT TO STA. 401+09.00 - 4.43' LT	16.2
STA. 401+06.11 - 25.77' LT TO STA. 401+14.39 - 26.01' LT	16.0
STA. 401+06.36 - 26.88' RT TO STA. 401+14.64 - 27.11' RT	16.0
TOTAL	64

INLET REMOVAL

LOCATION	REMOVING INLETS
	(EACH)
KEEBLER ROAD	
STA. 400+76.56 - 13.71' RT	1
STA. 400+77.34 - 14.09' LT	1
STA. 403+27.20 - 13.80' RT	1
STA. 403+27.66 - 13.96' LT	1
TOTAL	4

PERIMETER EROSION BARRIER SCHEDULE

LOCATION	PERIMETER EROSION BARRIER (FOOT)
STATE ROUTE 162	
STA. 200+50.00 - 27.46' RT TO STA. 201+29.47 - 28.74' RT	79.8
STA. 200+50.00 - 29.43' LT TO STA. 201+00.00 - 25.55' LT	62.0
STA. 303+75.00 - 28.52' LT TO STA. 305+18.14 - 31.19' LT	143.7
STA. 303+82.55 - 30.13' RT TO STA. 305+99.74 - 14.86' RT	236.1
TOTAL	522

PAVED FLUME SCHEDULE

LOCATION	PAVED FLUME (FOOT)
BUNKUM PLACE	
STA. 500+47.18 - 20.75' LT TO STA. 500+49.18 - 21.75' LT	3.5
TOTAL	4

COMBINATION CURB AND GUTTER SCHEDULE

LOCATION	COMBINATION CONCRETE CURB AND GUTTER				CONCRETE CURB, TYPE B (SPECIAL) (FOOT)
	BARRIER		MOUNTABLE		
	TYPE B-6.12 (FOOT)	TYPE B-6.24 (FOOT)	TYPE B-9.24 (FOOT)	TYPE M-2.12 (FOOT)	
KEEBLER ROAD					
STA. 400+51.44 - 50.37' RT TO STA. 403+80.00 - 14.93' RT		335.4			
STA. 400+52.17 - 49.63' LT TO STA. 403+80.00 - 14.98' LT		334.9			
STA. 400+72.01 - 11.93' LT TO STA. 400+76.34 - 9.79' RT		25.2			
STA. 400+72.01 - 11.93' LT TO STA. 401+50.38 - 2.24' LT	79.2				
STA. 400+76.34 - 9.79' RT TO STA. 401+50.38 - 2.24' LT		80.1			
STA. 400+99.15 - 5.83' RT TO STA. 400+99.12 - 6.14' LT	12.9				
STA. 401+11.12 - 4.23' RT TO STA. 401+11.10 - 4.79' LT	10.4				
STA. 401+39.77 - 27.50' LT TO STA. 401+50.00 - 24.51' LT					10.7
STA. 401+50.00 - 24.51' LT TO STA. 403+00.00 - 22.65' LT					150.0
STATE ROUTE 162					
STA. 202+62.83 - 17.00' LT TO STA. 205+81.15 - 47.63' LT		329.9			
STA. 202+99.43 - 17.00' RT TO STA. 205+95.62 - 60.18' RT		303.1			
STA. 204+66.99 - 2.51' RT TO STA. 205+58.58 - 6.56' LT		99.9			
STA. 204+66.99 - 2.51' RT TO STA. 205+62.98 - 10.93' RT	96.3				
STA. 205+58.58 - 6.56' LT TO STA. 205+62.98 - 10.93' RT		21.2			
STA. 205+81.15 - 47.63' LT TO STA. 300+50.88 - 50.94' LT		86.4			
STA. 300+35.87 - 62.43' RT TO STA. 303+73.76 - 17.00' RT		343.5			
STA. 300+50.88 - 50.94' LT TO STA. 301+75.13 - 17.57' LT		136.2			
STA. 300+72.52 - 8.28' LT TO STA. 300+76.10 - 10.14' RT		21.8			
STA. 300+72.52 - 8.28' LT TO STA. 302+19.52 - 2.18' LT	148.4				
STA. 300+76.10 - 10.14' RT TO STA. 302+19.52 - 2.18' LT		148.0			
STA. 303+39.36 - 17.00' LT TO STA. 303+73.76 - 17.00' LT		34.4			
ROUNDAABOUT CENTRAL ISLAND			194.8	320.4	
BUNKUM PLACE					
STA. 500+13.85 - 110.25' LT TO STA. 500+59.46 - 13.44' LT		111.8			
STA. 500+17.52 - 55.41' RT TO STA. 500+60.52 - 13.40' RT		68.1			
TOTAL	347	2480	195	320	161

STONE DUMPED RIPRAP SCHEDULE

LOCATION	LENGTH	WIDTH			DEPTH	STONE DUMPED RIPRAP, CLASS A4	STONE DUMPED RIPRAP, CLASS A5	FILTER FABRIC FOR USE WITH RIPRAP	AGGREGATE BEDDING *
	FT	FT			FT	SQ YD	SQ YD	SQ YD	TON
STATE ROUTE 162		A	B	C	D				
STA. 200+22.69 - 28.17' RT TO STA. 201+41.55 - 29.72' RT	119	8	2	9	5.66 TO 6.25	243.2		243.2	82.76
STA. 200+50.00 - 29.43' LT TO STA. 201+33.60 - 32.38' LT	84	0	0	VAR.	12.00 TO 13.69	221.6		221.6	75.41
STA. 200+83.89 - 45.00' LT TO STA. 200+83.89 - 70.00' LT	25	4	2	4	3.50		27.8	27.8	12.65
STA. 201+77.78 - 29.66' RT TO STA. 202+47.36 - 28.90' RT	70	4	2	3	2.83	69.5		69.5	23.65
STA. 201+81.26 - 27.97' LT TO STA. 202+50.00 - 29.38' LT	68.8	3.5	2	4.5	2.83	76.4		76.4	26.00
STA. 202+50.00 - 29.38' LT TO STA. 203+50.00 - 27.90' LT	100	VAR.	2	VAR.	5.25 TO 6.00	231.8		231.8	78.88
STA. 302+10.12 - 33.19' LT TO STA. 302+65.43 - 49.93' LT	55	0	0	VAR.	2.83	52.6		52.6	17.90
STA. 303+50.00 - 26.27' LT TO STA. 305+18.14 - 38.90' LT	168	VAR.	2	VAR.	3.33 TO 8.0	317.7		317.7	108.11
STA. 303+50.00 - 27.30' RT TO STA. 305+99.74 - 14.86' RT	250	VAR.	2	VAR.	4.00 TO 12.83	655.5		655.5	223.07
STA. 305+04.21 - 42.50' RT TO STA. 305+11.31 - 64.98' RT	24	VAR.	2	VAR.	3.50		30.1	30.1	13.70
BUNKUM PLACE									
STA. 500+92.15 - 23.15' LT TO STA. 501+50.00 - 16.88' LT	58	6.0	2	VAR.	3.83	82.2		82.2	27.97
STA. 501+00.00 - 18.75' RT TO STA. 501+50.00 - 18.00' RT	50	VAR.	2	3	2.83	46.5		46.5	15.82
TOTAL						1997	58	2055	706

NOTE: * AGGREGATE BEDDING QUANTITY PROVIDED FOR INFORMATION ONLY

TEMPORARY DITCH CHECKS SCHEDULE

LOCATION	TEMPORARY DITCH CHECKS (FOOT)
STATE ROUTE 162	
STA. 200+91.31 - LT	9.5
STA. 200+91.52 - RT	8.0
STA. 201+04.86 - LT	9.5
STA. 201+15.66 - LT	9.5
STA. 201+16.54 - RT	8.0
STA. 201+26.47 - LT	9.5
STA. 201+95.32 - RT	12.5
STA. 202+03.60 - LT	12.5
STA. 202+20.33 - RT	12.5
STA. 202+34.68 - LT	12.5
STA. 202+65.75 - LT	12.5
STA. 202+96.82 - LT	9.5
STA. 203+27.90 - LT	11.0
STA. 203+31.02 - RT	11.0
STA. 203+65.54 - RT	11.0
STA. 203+65.72 - LT	11.0
STA. 204+95.50 - LT	11.0
STA. 301+15.30 - LT	14.0
STA. 301+80.00 - LT	14.0
STA. 302+63.30 - RT	11.0
STA. 303+14.48 - RT	10.5
STA. 303+48.96 - RT	11.0
STA. 303+50.58 - LT	11.0
STA. 303+58.44 - RT	11.0
STA. 303+60.20 - LT	11.0
STA. 303+67.15 - RT	11.0
STA. 303+69.80 - LT	10.0
STA. 303+75.85 - RT	10.5
STA. 303+79.42 - LT	9.5
STA. 303+84.55 - RT	10.5
STA. 303+89.04 - LT	9.5
STA. 303+93.25 - RT	10.5
STA. 303+98.65 - LT	9.0
STA. 304+01.96 - RT	10.5
STA. 304+10.66 - RT	10.0
STA. 304+19.36 - RT	10.0
STA. 304+21.48 - LT	9.5
STA. 304+28.07 - RT	10.0
STA. 304+36.77 - RT	10.0
STA. 304+45.47 - RT	10.0
STA. 304+46.45 - LT	9.5
STA. 304+63.00 - RT	7.0
STA. 304+71.43 - LT	10.0
STA. 304+90.12 - RT	7.0
STA. 305+02.40 - LT	10.0
STA. 305+08.56 - RT	11.0
STA. 305+11.08 - RT	11.0
BUNKUM PLACE	
STA. 500+59.32 - RT	9.5
STA. 501+03.27 - RT	9.5
STA. 501+05.80 - LT	11.0
STA. 501+18.85 - RT	9.5
STA. 501+19.57 - LT	9.0
STA. 501+33.33 - LT	8.0
STA. 501+34.42 - RT	9.5
STA. 501+47.10 - LT	6.0
STA. 501+78.18 - LT	9.5
TOTAL	572

INLET AND PIPE PROTECTION SCHEDULE

LOCATION	DISTANCE (FOOT)	INLET AND PIPE PROTECTION (EACH)
KEEBLER ROAD		
STA. 400+76.88 LT	35.26	1
STA. 401+33.64 RT	22.66	1
STA. 402+37.57 LT	18.84	1
STA. 402+37.57 RT	18.83	1
STA. 403+27.24 RT	13.71	1
STA. 403+27.24 LT	17.73	1
STATE ROUTE 162		
STA. 200+83.89 RT	29.61	1
STA. 201+77.78 RT	29.66	1
STA. 201+81.26 LT	27.97	1
STA. 203+04.55 RT	27.95	1
STA. 203+15.97 LT	19.00	1
STA. 203+15.97 RT	19.00	1
STA. 204+22.94 RT	19.02	1
STA. 204+22.94 LT	19.37	1
STA. 204+67.57 LT	29.89	1
STA. 205+07.64 RT	20.95	1
STA. 205+46.46 LT	28.65	1
STA. 300+77.03 RT	36.43	1
STA. 300+88.71 LT	27.29	1
STA. 302+10.00 RT	19.02	1
STA. 302+10.00 LT	22.87	1
STA. 302+32.77 LT	39.60	1
STA. 302+50.75 LT	45.17	1
STA. 303+70.89 RT	19.00	1
STA. 303+70.89 LT	19.00	1
STA. 304+96.41 LT	33.81	1
STA. 305+41.96 LT	29.66	1
BUNKUM PLACE		
STA. 500+92.15 LT	23.15	1
TOTAL		28

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EARTH * EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-) (CU YD)
KEEBLER ROAD				
STA. 400+75.00 TO STA. 403+80.00	500	375	480	-105
STATE ROUTE 162 WEST APPROACH				
STA. 200+21.50 TO STA. 206+35.14	1175	881	643	+238
STATE ROUTE 162 EAST APPROACH				
STA. 300+00.00 TO STA. 305+73.76	2810	2108	667	+1441
BUNKUM PLACE				
STA. 500+15.00 TO STA. 502+35.00	1880	1410	11	+1399
TOTAL	6365	4774	1801	+2973

NOTES: * BASED ON 25% SHRINKAGE

SEEDING SCHEDULE

LOCATION	TEMPORARY EROSION CONTROL SEEDING (LB)	SEEDING, CLASS 1 (ACRE)	NITROGEN FERTILIZER NUTRIENT (LB)	PHOSPHORUS FERTILIZER NUTRIENT (LB)	POTASSIUM FERTILIZER NUTRIENT (LB)	MULCH, METHOD 2 (ACRE)
KEEBLER ROAD						
STA. 400+00.00 TO STA. 403+80.00	35	0.35	32	32	32	0.35
STATE ROUTE 162						
STA. 200+19.50 TO STA. 306+04.75	145	1.45	131	131	131	1.45
BUNKUM PLACE						
STA. 500+15.00 TO STA. 502+35.00	20	0.20	18	18	18	0.20
TOTAL	200	2.00	180	180	180	2.00

FILE NAME = combschd.dgn JUNEAU JOB NO. E160720	USER NAME = ramesh	DESIGNED – BFK	REVISED –	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	QUANTITY SCHEDULES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN – RKR	REVISED –						586	16-00015-02-PV	MADISON	71	17	
	PLOT SCALE = 100.0000 ' / in.	CHECKED – BFK	REVISED –		SCALE: NTS				SHEET 4	OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 97708	
	PLOT DATE = 6/20/2024	DATE – 6/20/24	REVISED –						ILLINOIS FED. AID PROJECT					

SIGNAGE SCHEDULE

LOCATION	LT/RT	PROPOSED OFFSET	DESCRIPTION	SIGN PANEL TYPE 1	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT	RELOCATE SIGN PANEL TYPE 1	RELOCATE SIGN PANEL ASSEMBLY TYPE B
		(FOOT)		(SQ FT)	(FOOT)	(EACH)	(SQ FT)	(EACH)
KEEBLER ROAD								
STA. 400+24.67	LT	14.15	R6-1R (36x12)	3.0	16.0			
			R6-4 (30x24)	5.0				
STA. 400+74.16	LT	6.85	R1-2 (36)	3.9	12.5	1		
			R5-1 (30x30)	6.3				
STA. 400+75.97	RT	6.55	D1-1 (48x18)	6.0	11.5	1		
STA. 400+81.79	LT	35.06	R1-2 (36)	3.9	15.5			
			R5-1 (30x30)	6.3				
STA. 401+12.07	LT	31.46	W11A-2 (30x30)	6.3	17.5			
			W16-7P (24x12)	2.0				
STA. 401+12.11	RT	34.05	W11A-2 (30x30)	6.3	17.5			
			W16-7P (24x12)	2.0				
STA. 401+48.96	LT	0.50	R4-7 (24x30)	5.0	12.5	1		
STA. 402+24.50	LT	27.68	W3-2 (30x30)	6.3	15.5			
STA. 403+74.50	LT	23.80	W2-6 (30x30)	6.3	18.0			
			W13-1 (18x18)	2.3				
STA. 404+74.50	LT	24.25	W11A-2 (30x30)	6.3	17.5			
			W16-9P (24x12)	2.0				
STA. 405+74.50	LT	24.25	M2-1 (24x12)	2.0	16.0			
			M-1100 (30x24)	5.0				
STATE ROUTE 162								
STA. 201+50.00	RT	31.80	W2-6 (30x30)	6.3	15.5			
			W16-8P (24x8)	1.3				
			W13-1 (18x18)	2.3				
STA. 203+50.00	RT	21.68	W3-2 (30x30)	6.3	17.5			
STA. 204+68.00	RT	0.00	R4-7 (24x30)	5.0	12.5	1		
STA. 205+52.30	RT	34.14	R1-2 (36)	3.9	15.5			
			R5-1 (30x30)	6.3				
STA. 205+59.00	LT	3.42	M3-4 (24x12)	2.0	14.5	1		
			M-1100 (30x24)	5.0				
			M6-2R (21x15)	2.2				
STA. 205+61.14	RT	5.90	R1-2 (36)	3.9	12.5	1		
			R5-1 (30x30)	6.3				
STA. 206+11.50	RT	16.25	R6-1R (36x12)	3.0	16.0			
			R6-4 (30x24)	5.0				
STA. 300+21.18	LT	18.60	R6-1R (36x12)	3.0	16.0			
			R6-4 (30x24)	5.0				
STA. 300+74.14	LT	3.20	R1-2 (36)	3.9	12.5	1		
			R5-1 (30x30)	6.3				
STA. 300+75.68	RT	6.77	M3-2 (24x12)	2.0	14.5	1		
			M-1100 (30x24)	5.0				
			M6-2R (21x15)	2.2				
STA. 300+82.99	LT	31.68	R1-2 (36)	3.9	15.5			
			R5-1 (30x30)	6.3				
STA. 302+18.22	LT	0.58	R4-7 (24x30)	5.0	12.5	1		
STA. 303+28.00	LT	22.52	W3-2 (30x30)	6.3	16.5			
STA. 303+00.00	RT	20.00	R2-1 (24x30)		15.5		5.0	
STA. 304+50.00	LT	26.00	W2-6 (30x30)	6.3	18.0			
			W16-8P (24x8)	1.3				
			W13-1 (18x18)	2.3				
BUNKUM PLACE								
STA. 500+43.00	LT	31.58	W14-1aR (36x8)		16.0			1
			D-3 (36x12)					
			D-3 (30x12)					
STA. 500+45.00	LT	24.08	R1-1 (30x30)		15.5			
STA. 500+51.19	RT	16.48	R2-1 (24x30)	5.0	16.0			
STA. 501+30.00	RT	22.00	W14-1(30x30)		17.0	6.3		
STA. 502+20.00	LT	24.00	R2-1 (24x30)	5.0	15.5			
TOTAL				214	475	9	11	1

TEMPORARY PAVEMENT SCHEDULE

LOCATION	TEMPORARY PAVEMENT (VARIABLE DEPTH) (TON)	AGGREGATE SURFACE COURSE, TYPE A, 6" (SQ YD)	TEMPORARY RAMP (SQ YD)
STATE ROUTE 162			
STA. 302+68.80 - 0.00' LT TO STA. 302+98.80 - 0.00' LT	7		
BUNKUM PLACE			
STA. 500+14.42 - 61.42' LT TO STA. 500+15.40 - 42.16' RT			46
STA. 501+27.42 - 14.00' RT TO STA. 502+24.43 - 14.00' RT		62	
TOTAL	7	62	46

PIPE CULVERT REMOVAL

LOCATION	PIPE CULVERT REMOVAL (FOOT)	TRENCH BACKFILL (CU YD)
STATE ROUTE 162		
STA. 200+83.96 - 39.75' LT TO STA. 200+84.78 - 26.14' RT	66	12
STA. 201+39.82 - 26.91' LT TO STA. 201+60.52 - 26.45' LT	21	2
STA. 201+45.09 - 28.54' RT TO STA. 201+70.51 - 29.06' RT	25	0
STA. 202+42.50 - 27.40' RT TO STA. 202+97.87 - 26.25' RT	55	4
STA. 204+40.95 - 27.10' LT TO STA. 204+63.86 - 29.57' LT	24	0
STA. 205+06.39 - 18.37' RT TO STA. 205+41.86 - 11.43' RT	35	6
STA. 301+13.67 - 36.63' LT TO STA. 301+47.74 - 32.10' LT	36	0
STA. 303+17.72 - 26.12' LT TO STA. 303+59.92 - 27.94' LT	42	0
STA. 304+96.32 - 27.12' LT TO STA. 304+96.52 - 35.62' RT	63	12
STA. 305+05.87 - 27.27' LT TO STA. 305+35.01 - 26.29' LT	29	2
TOTAL	396	38

COMBINATION CURB AND GUTTER REMOVAL

LOCATION	COMBINATION CURB AND GUTTER REMOVAL (FOOT)
KEEBLER ROAD	
STA. 400+10.74 - 17.61' LT TO STA. 403+80.00 - 14.98' LT	369.6
STA. 400+13.15 - 17.73' RT TO STA. 403+80.00 - 14.93' RT	367.1
TOTAL	737

GUARDRAIL REMOVAL

LOCATION	GUARDRAIL REMOVAL (FOOT)
STATE ROUTE 162	
STA. 303+66.23 - 18.03' RT TO STA. 305+70.23 - 17.43' RT	204
TOTAL	204

HOT-MIX ASPHALT SURFACE REMOVAL

LOCATION	HOT-MIX ASPHALT SURFACE REMOVAL, 3" (SQ YD)
STATE ROUTE 162	
STA. 200+62.83 TO STA. 202+62.83	580.5
STA. 303+73.76 TO STA. 305+73.76	599.8
TOTAL	1180

ORNAMENTAL FENCE SCHEDULE

LOCATION	ORNAMENTAL FENCE (FOOT)
KEEBLER ROAD	
STA. 400+17.68 - 138.85' LT TO STA. 401+39.77 - 30.50' LT	180
STA. 400+24.43 - 138.30' RT TO STA. 401+35.00 - 43.10' RT	167
TOTAL	347

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)
STATE ROUTE 162	
STA. 200+62.83 TO STA. 202+62.83	3
STA. 303+73.76 TO STA. 305+73.76	3
TOTAL	6

TREE REMOVAL

LOCATION	TREE REMOVAL		TREE REMOVAL, ACRES (ACRE)
	6 TO 15 UNITS DIAMETER (UNIT)	OVER 15 UNITS DIAMETER (UNIT)	
STATE ROUTE 162			
STA. 200+50.00 - 29.42' LT TO STA. 201+45.80 - 49.00' LT			0.05
STA. 202+00.08 - 36.90' LT TO STA. 202+40.15 - 41.20' LT			0.01
STA. 205+01.47 - 58.67' RT		24	
STA. 205+82.07 - 74.65' LT TO STA 205+97.96 - 134.96' LT			0.02
STA. 300+53.12 - 74.64' RT	10		
STA. 300+79.06 - 56.47' RT	15		
STA. 303+59.93 - 39.00' RT TO STA. 303+78.10 - 43.85' RT			0.01
STA. 305+46.70 - 39.03' RT	6		
STA. 305+56.80 - 41.18' RT	6		
BUNKUM PLACE			
STA. 500+86.85 - 6.58' RT		30	
STA. 501+08.87 - 6.29' LT		30	
TOTAL	37	84	0.25

DRIVEWAY PAVEMENT REMOVAL

LOCATION	OFFSET	DRIVEWAY PAVEMENT REMOVAL (SQ YD)
KEEBLER ROAD		
- STA. 400+59.73 - 114.85' TO STA. 400+90.42 - 98.33'	RT	58.8
PE @ STA. 401+65.64	LT	240.0
PE @ STA. 402+80.47	RT	74.8
PE @ STA. 403+03.86	RT	47.7
STATE ROUTE 162		
PE @ STA. 201+49.64	LT	43.3
PE @ STA. 202+87.90	RT	66.5
PE @ STA. 205+26.36	RT	80.4
PE @ STA. 301+24.19	LT	277.4
TOTAL		889

SEGMENTAL CONCRETE BLOCK WALL SCHEDULE

LOCATION	SEGMENTAL CONCRETE BLOCK WALL (SQ FT)
KEEBLER ROAD	
STA. 400+14.68 - 138.85' LT TO STA. 401+39.77 - 27.50' LT	853
STA. 400+21.43 - 138.30' RT TO STA. 401+35.00 - 40.10' RT	1034
STATE ROUTE 162	
STA. 201+60.72 - 49.35' LT TO STA. 201+71.23 - 34.81' LT	60
TOTAL	1947

RIPRAP REMOVAL

LOCATION	REMOVE EXISTING RIPRAP (SQ YD)
STATE ROUTE 162	
STA. 303+64.43 - 21.94' RT TO STA. 305+83.93 - 28.40' RT	480.3
TOTAL	480

PAVEMENT REMOVAL

LOCATION	PAVEMENT REMOVAL (SQ YD)
KEEBLER ROAD	
STA. 399+85.26 TO STA. 403+80.00	1260.1
STATE ROUTE 162	
STA. 200+62.83 - 12.00' LT TO STA. 202+21.19 - 14.11' LT	59.1
STA. 200+62.83 - 12.00' RT TO STA. 202+62.83 - 15.00' RT	56.3
STA. 202+62.83 TO STA. 303+73.76	2586.7
STA. 303+73.76 - 15.00' RT TO STA. 305+73.76 - 15.54' RT	42.4
STA. 303+90.76 - 14.75' LT TO STA. 305+73.76 - 16.29' LT	47.6
TOTAL	4052

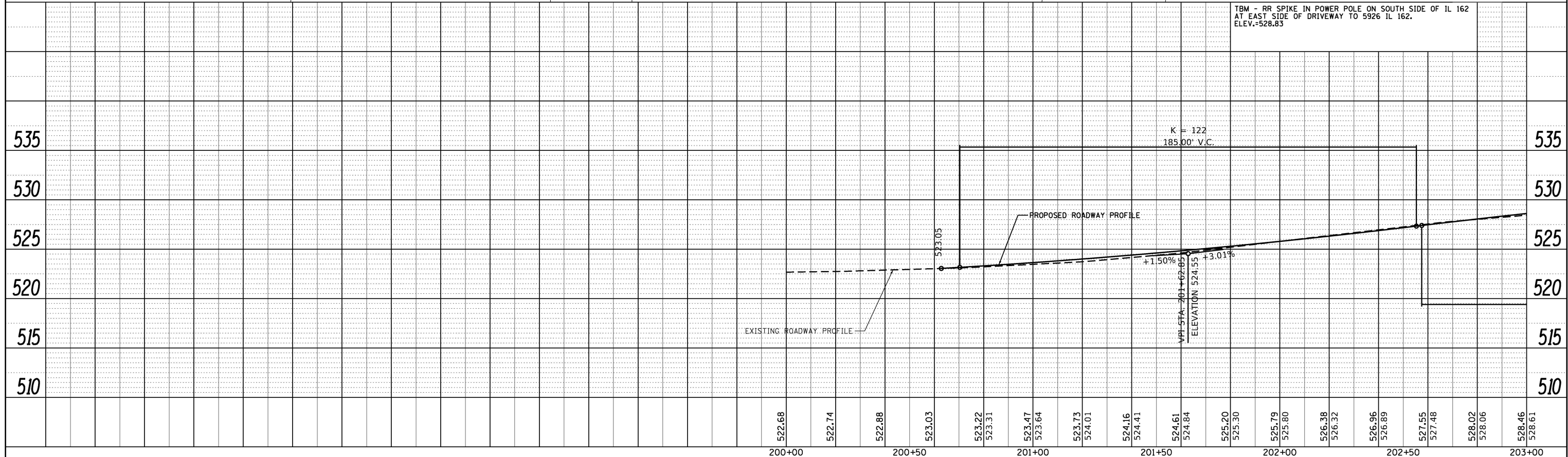
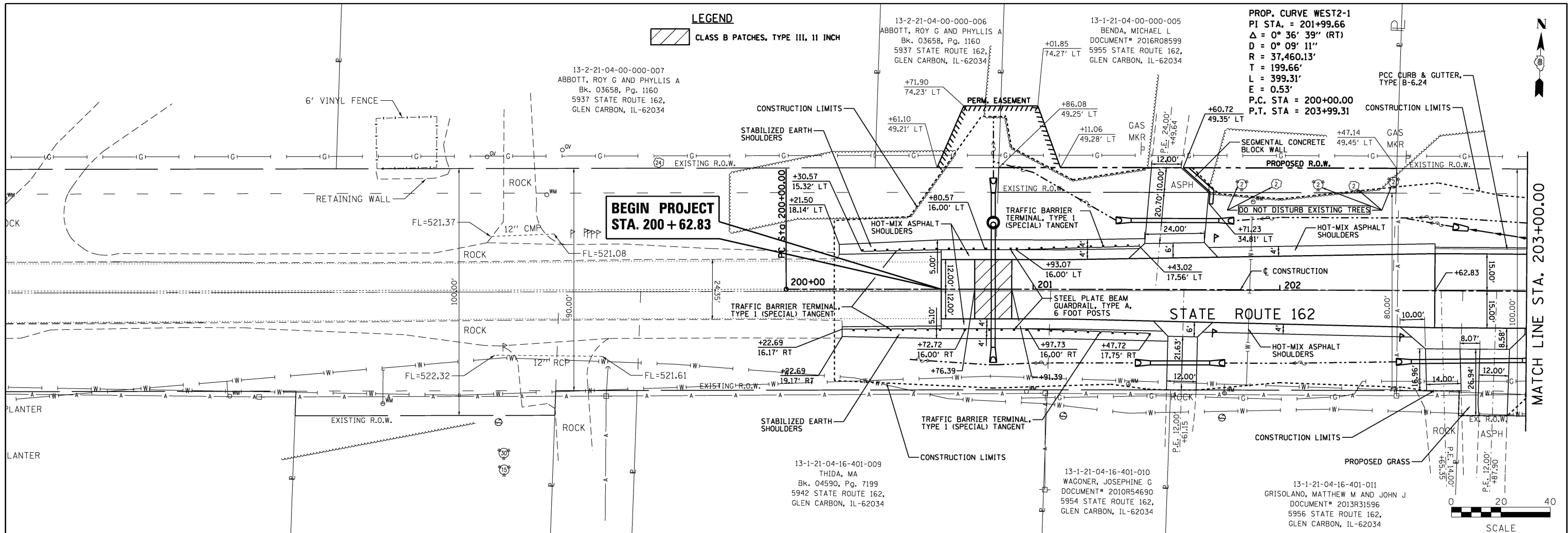
SIDEWALK REMOVAL

LOCATION	WIDTH (FOOT)	SIDEWALK REMOVAL (SQ FT)
KEEBLER ROAD		
STA. 400+10.97 - 18.28' LT TO STA. 401+42.21 - 15.71' LT	6	767.7
STA. 400+13.36 - 18.48' RT TO STA. 402+59.11 - 21.34' RT	6	1435.2
STA. 401+87.19 - 21.62' LT TO STA. 403+80.00 - 21.90' LT	6	1212.2
STA. 403+21.59 - 21.65' RT TO STA. 403+80.00 - 21.72' RT	6	359.3
TOTAL		3774

STORM SEWER REMOVAL

LOCATION	STORM SEWER REMOVAL 12" (FOOT)	TRENCH BACKFILL (CU YD)
KEEBLER ROAD		
STA. 400+76.56 - 13.71' RT TO STA. 400+77.34 - 14.09' LT	26	11
STA. 400+76.56 - 13.71' RT TO STA. 403+27.20 - 13.80' RT	249	84
STA. 403+27.20 - 13.80' RT TO STA. 403+27.66 - 13.96' LT	26	0
TOTAL	301	95

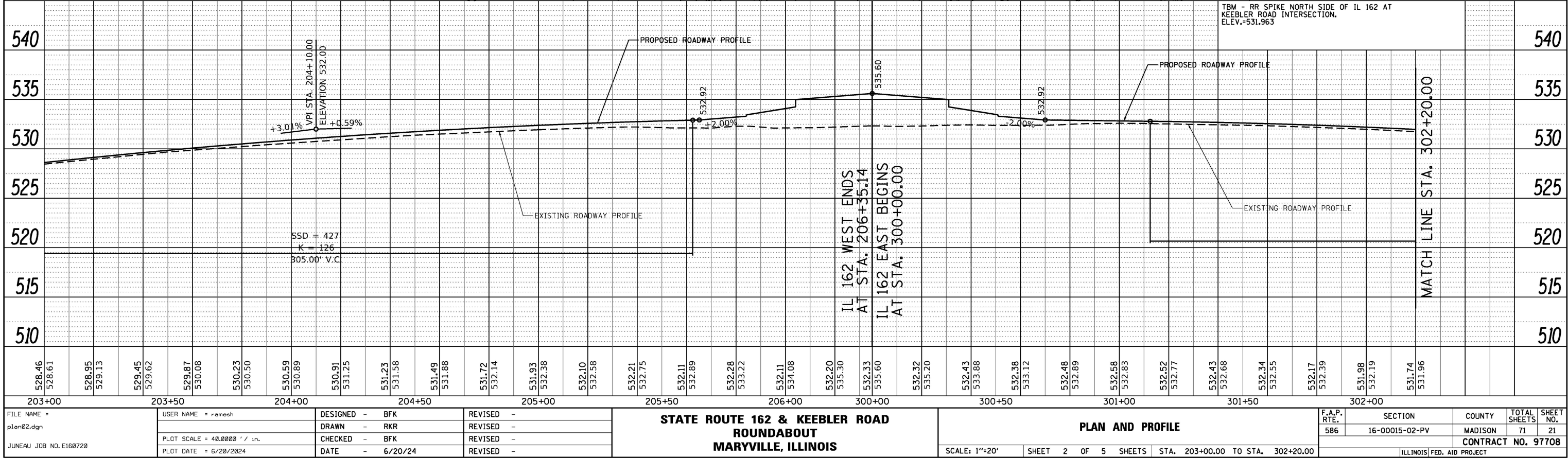
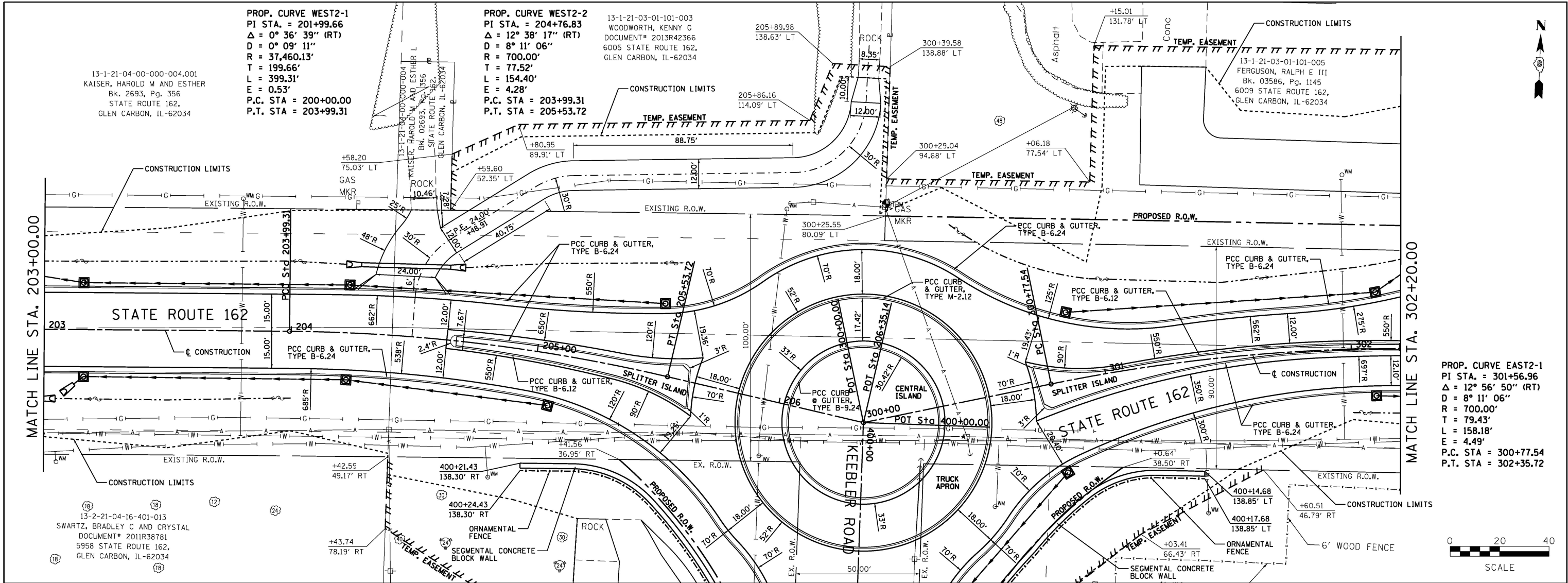
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NOTE BOOK _____		GRADES CHECKED _____					
NO. _____		BKG. NOTED _____					
		STRUCTURE NOTATIONS CHK'D _____					



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		DRAWN - RKR	REVISED -						586	16-00015-02-PV	MADISON	71	20
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. 200+00.00 TO STA. 203+00.00				CONTRACT NO. 97708				
	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -						ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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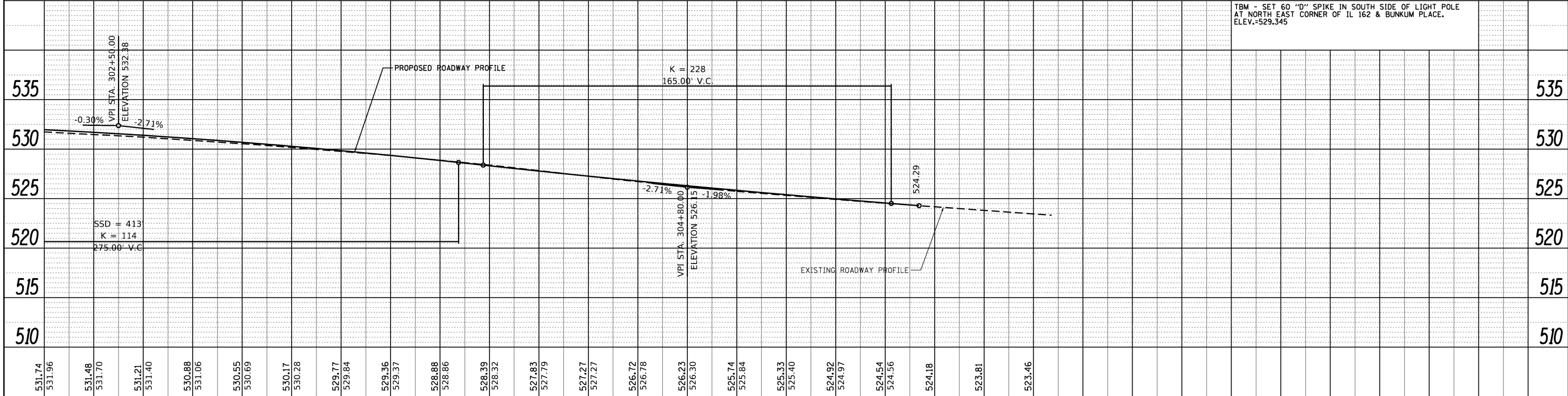
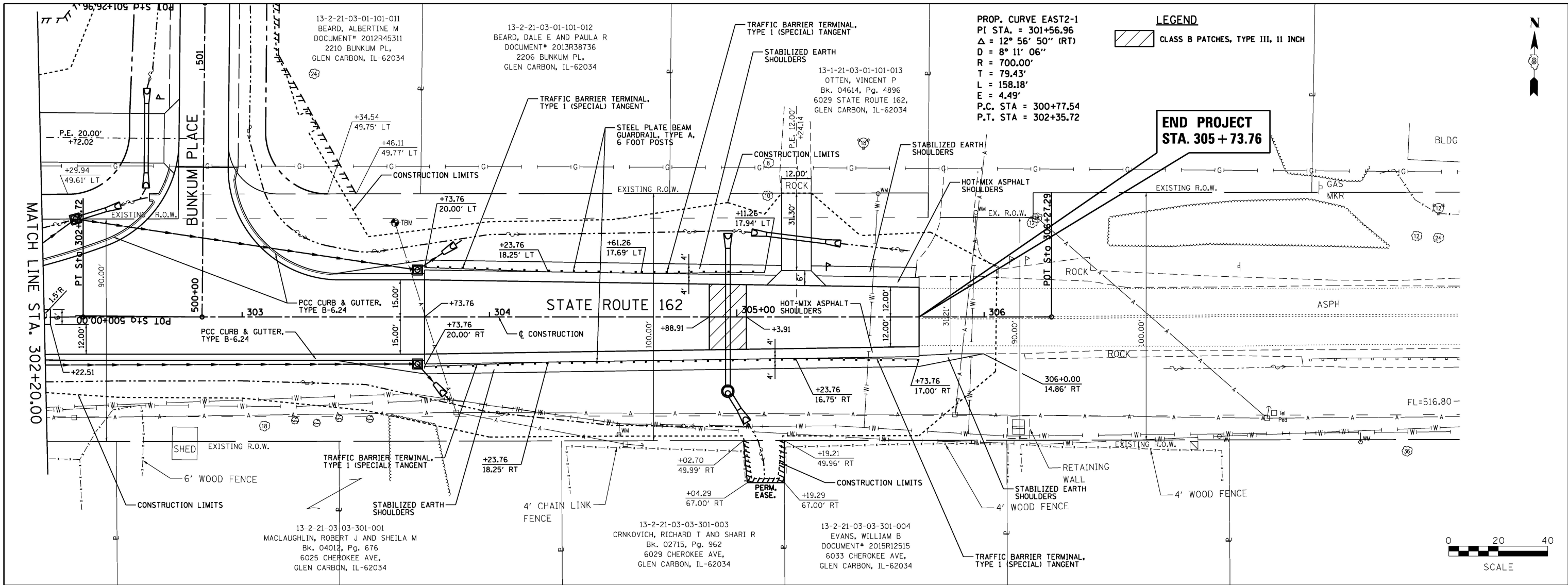
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FILE NAME =	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	PLAN AND PROFILE	F.A.P. RTE. 586	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 21	CONTRACT NO. 97708
plen02.dgn		DRAWN - RKR	REVISED -								
		CHECKED - BFK	REVISED -								
JUNEAU JOB NO. E160720		DATE - 6/20/24	REVISED -								
					SCALE: 1"=20'	SHEET 2 OF 5 SHEETS		STA. 203+00.00 TO STA. 302+20.00		ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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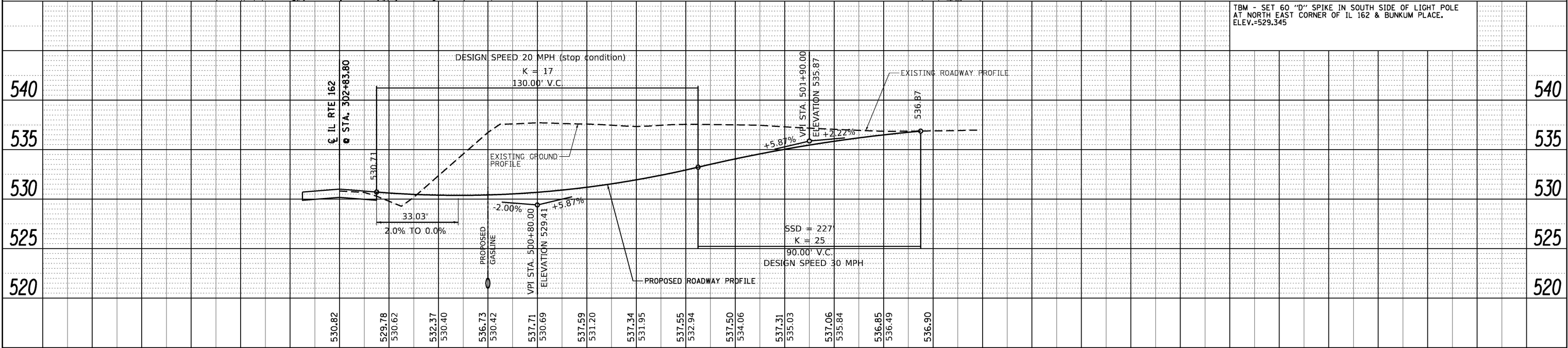
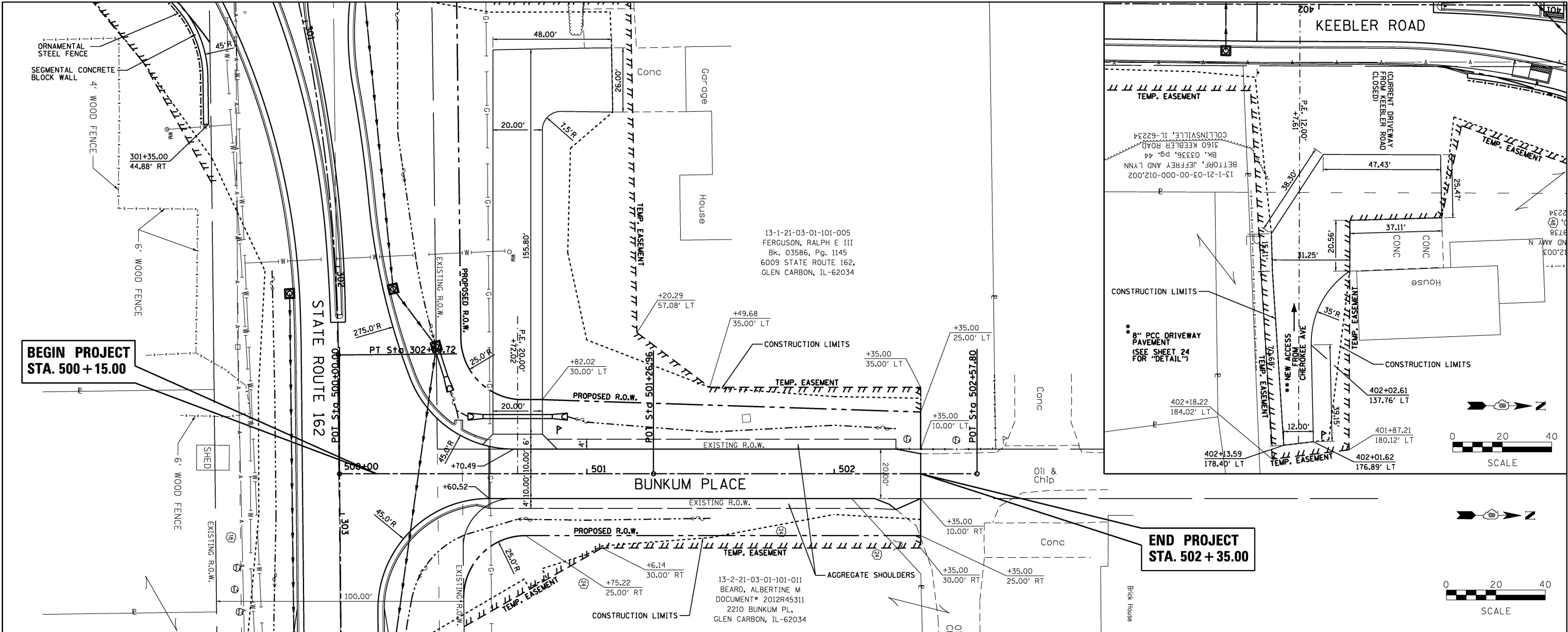
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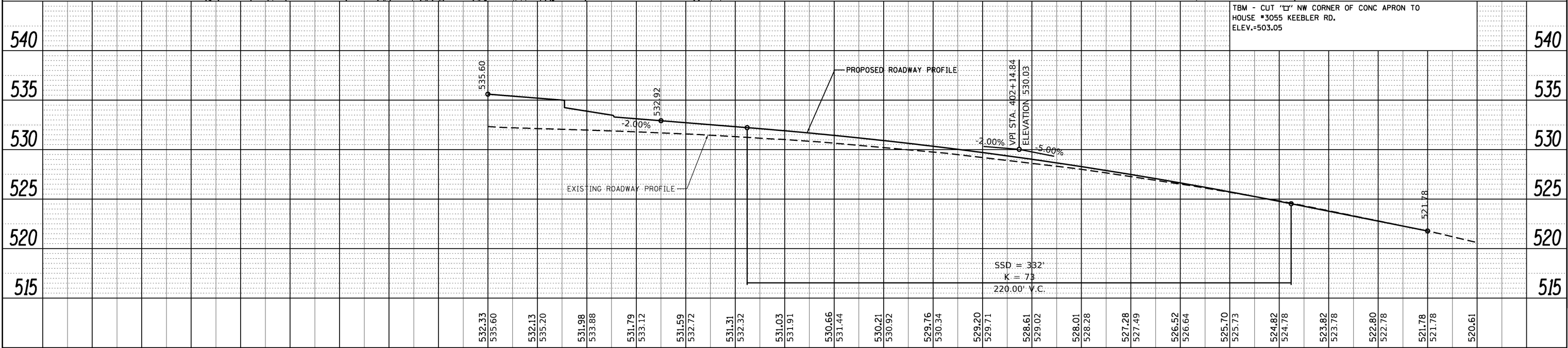
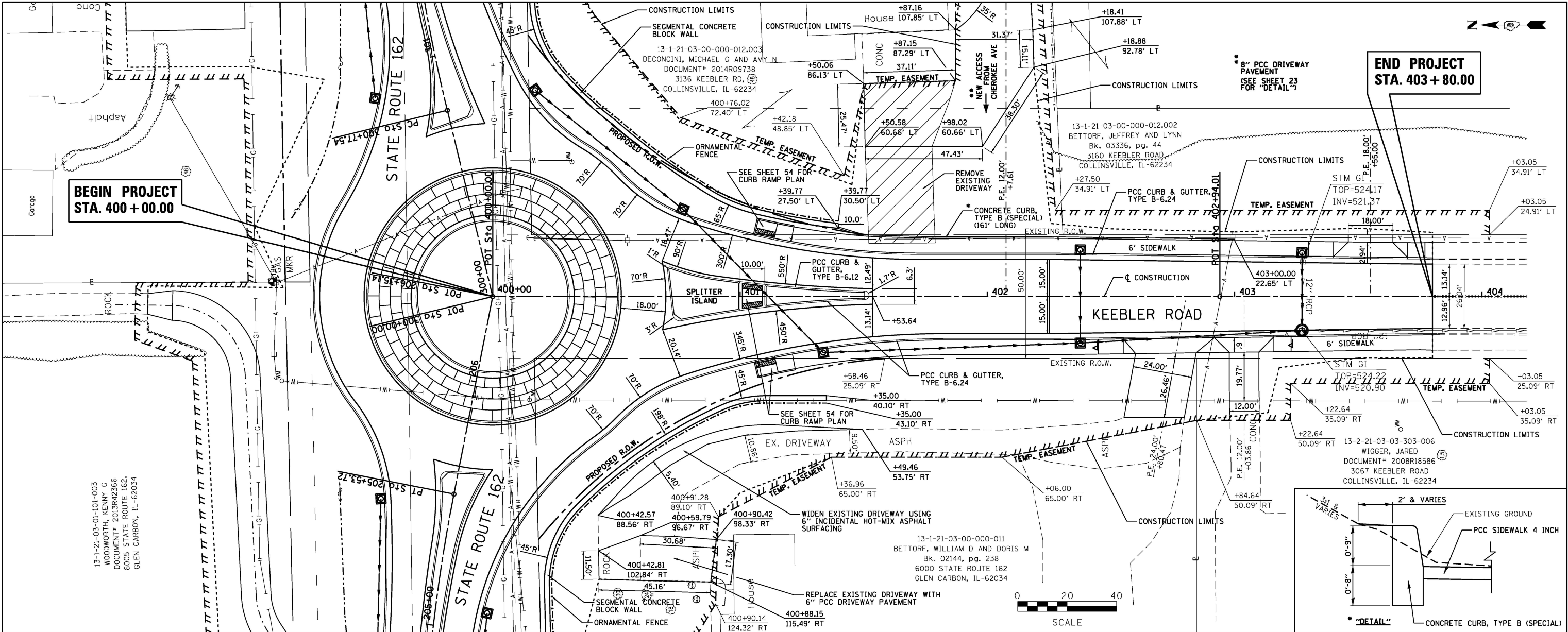
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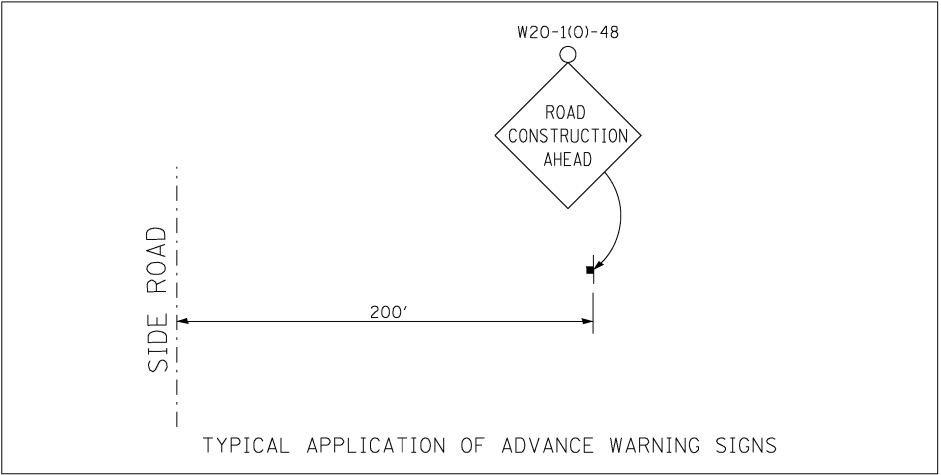
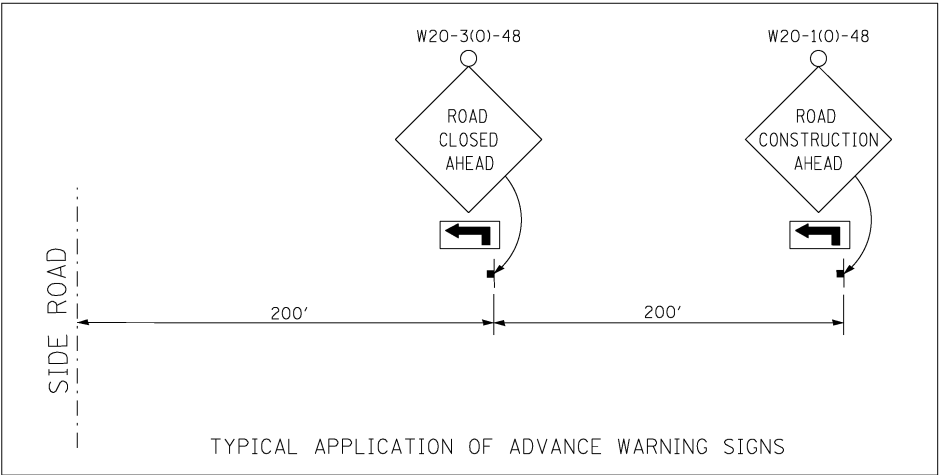
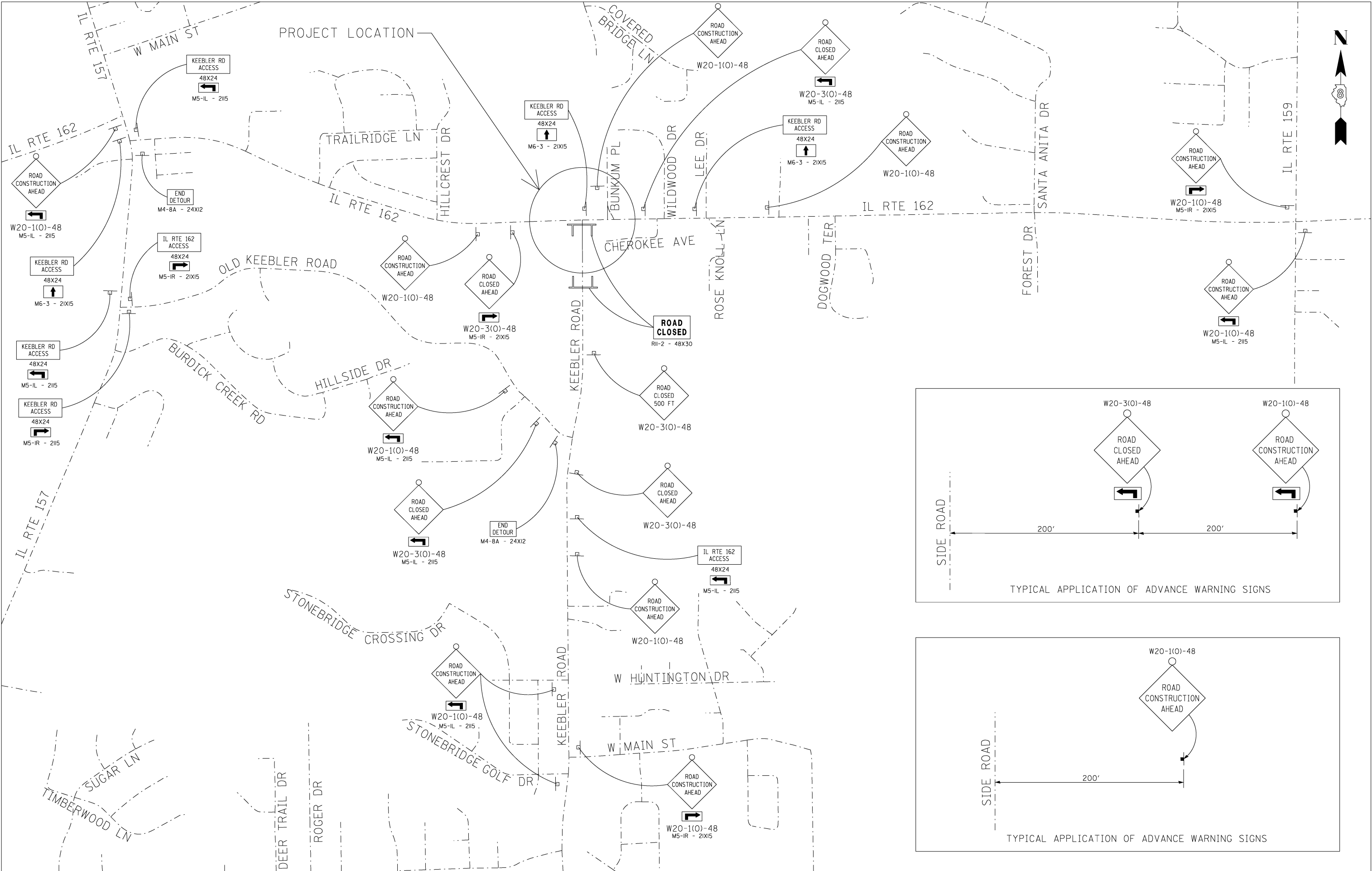
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plen04.dgn		DRAWN - RKR	REVISED -						586	16-00015-02-PV	MADISON	71	23
JUNEAU JOB NO. E160720		CHECKED - BFK	REVISED -						CONTRACT NO. 97708				
		DATE - 6/20/24	REVISED -						ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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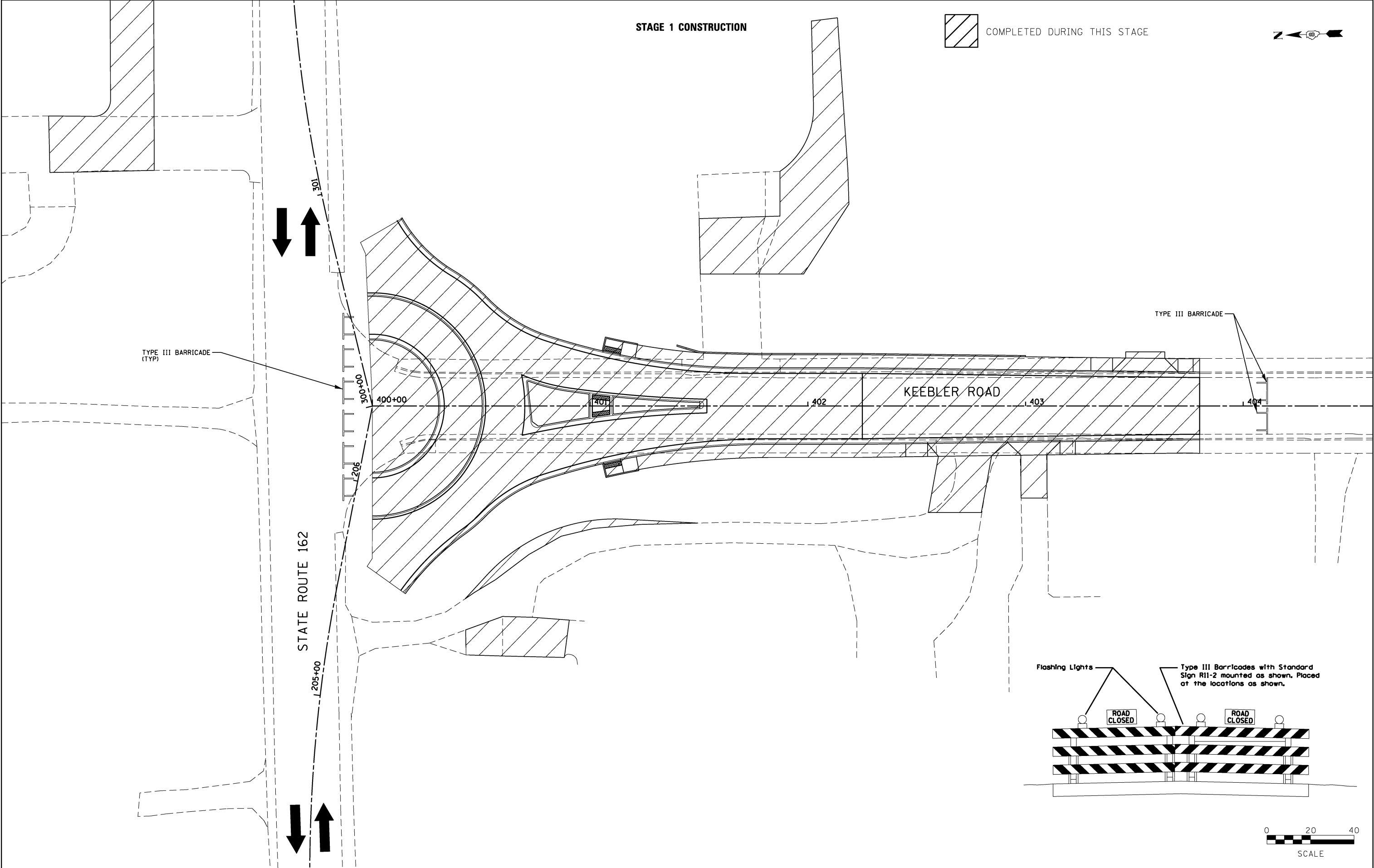
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NOTE BOOK	PLOTTED		
NO.	CHECKED		
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plan05.dgn		DRAWN - RKR	REVISED -									9135	16-00015-02-PV	MADISON	71	24
JUNEAU JOB NO. E160720		CHECKED - BFK	REVISED -									CONTRACT NO. 97708				
		DATE - 6/20/24	REVISED -									ILLINOIS FED. AID PROJECT				
				SCALE: 1"=20'				SHEET 5 OF 5 SHEETS				STA. 400+00.00 TO STA. 403+80.00				

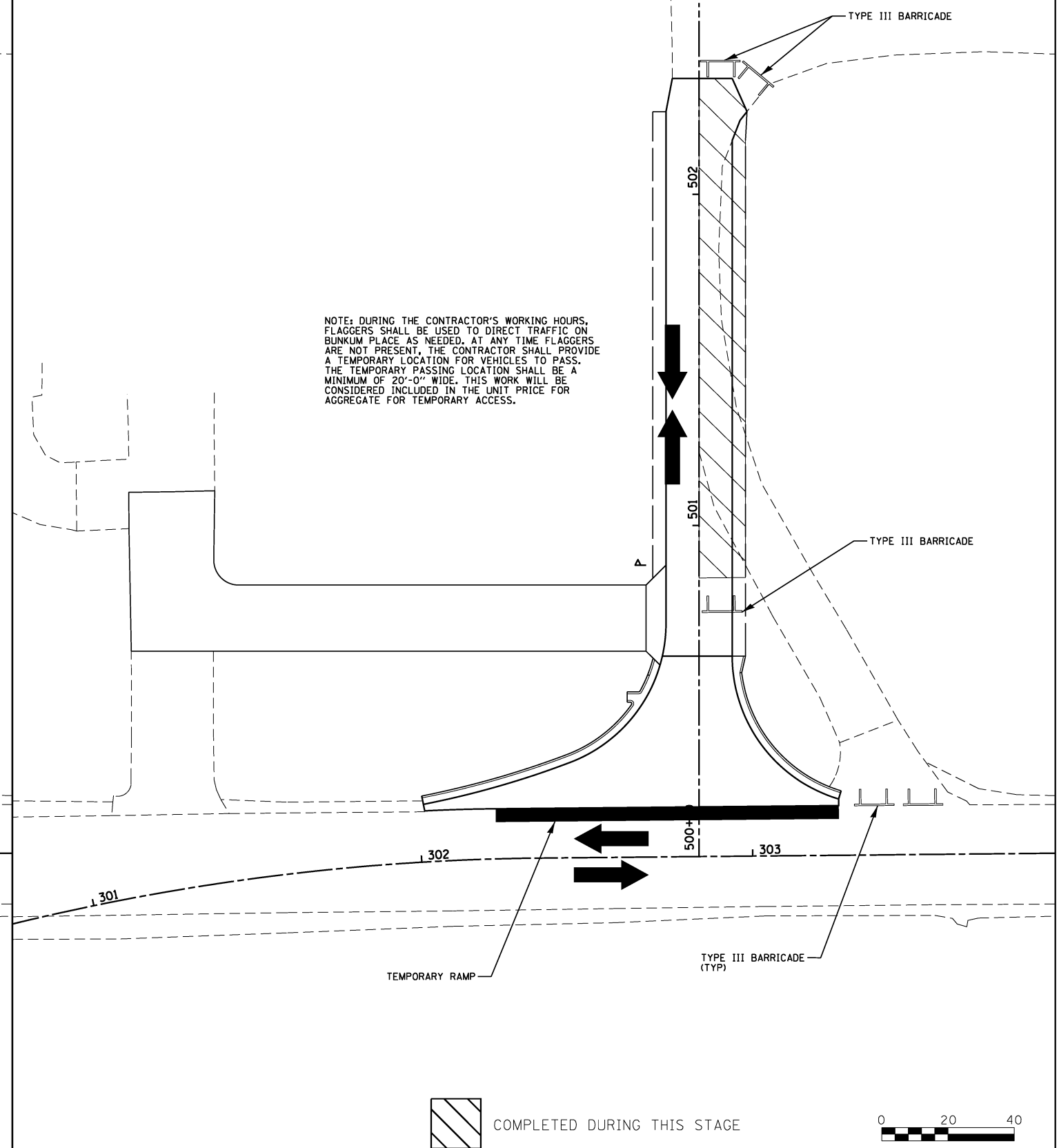


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	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -					ILLINOIS FED. AID PROJECT				
					SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				

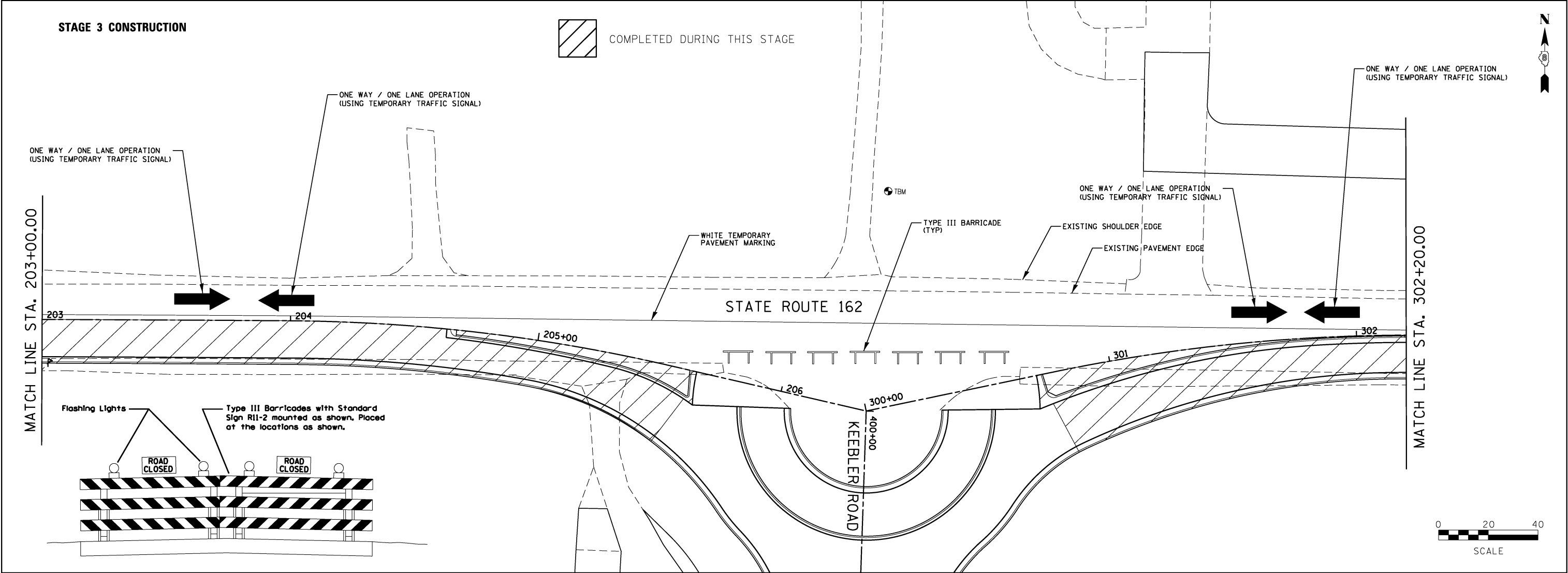
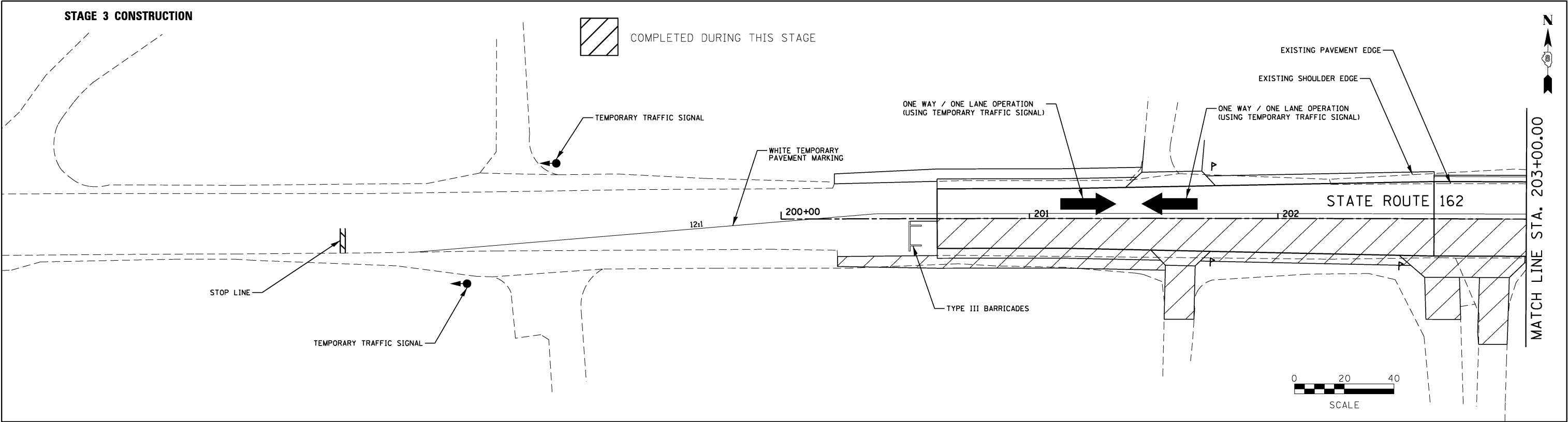


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	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -		SCALE: 1"=20'	SHEET 1	OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

STAGE 2 CONSTRUCTION

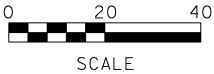
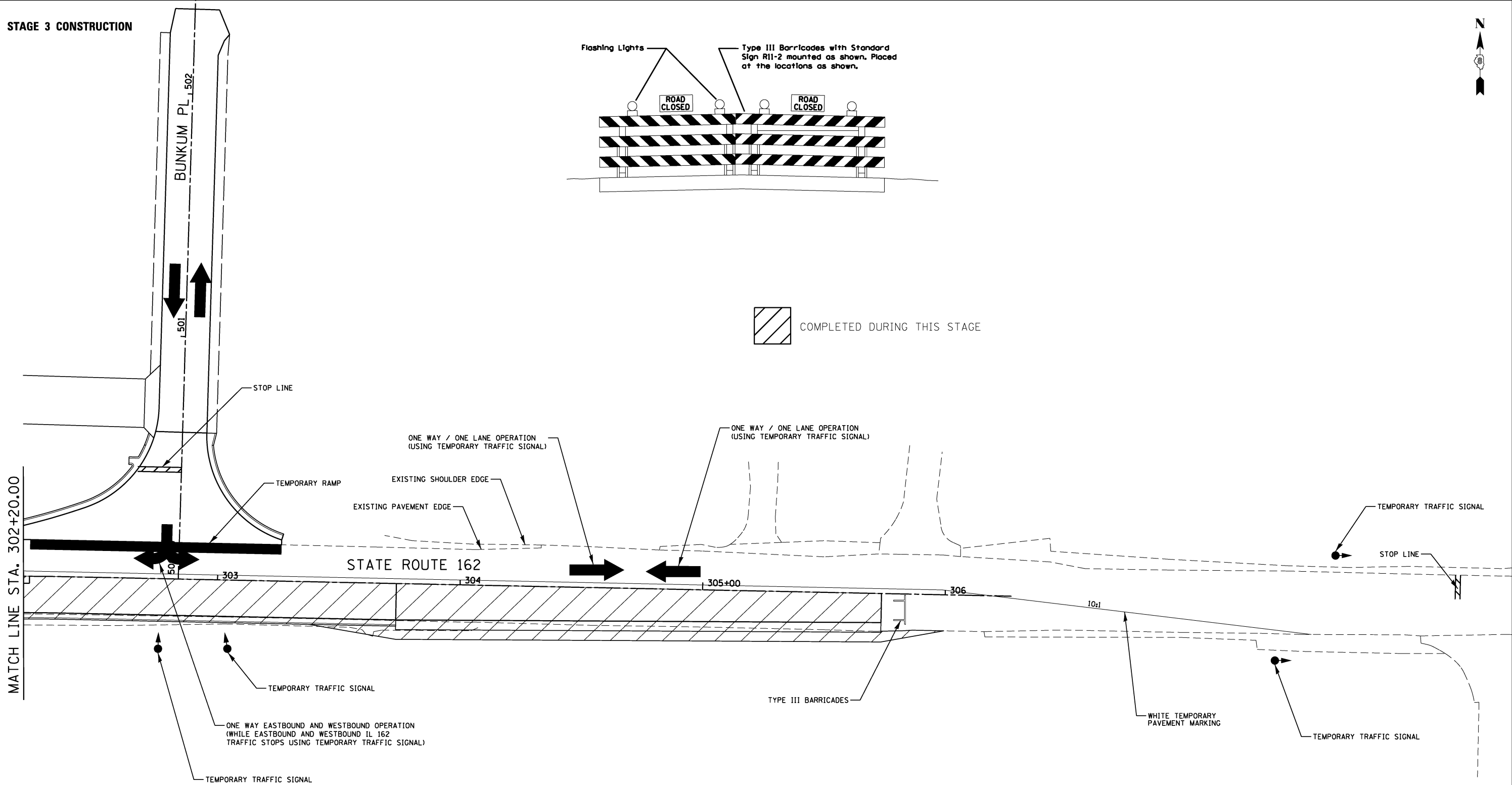


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stage001b.dgn		DRAWN - RKR	REVISED -						586	16-00015-02-PV	MADISON	71	27
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JUNEAU JOB NO. E160720	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -									CONTRACT NO. 97708	

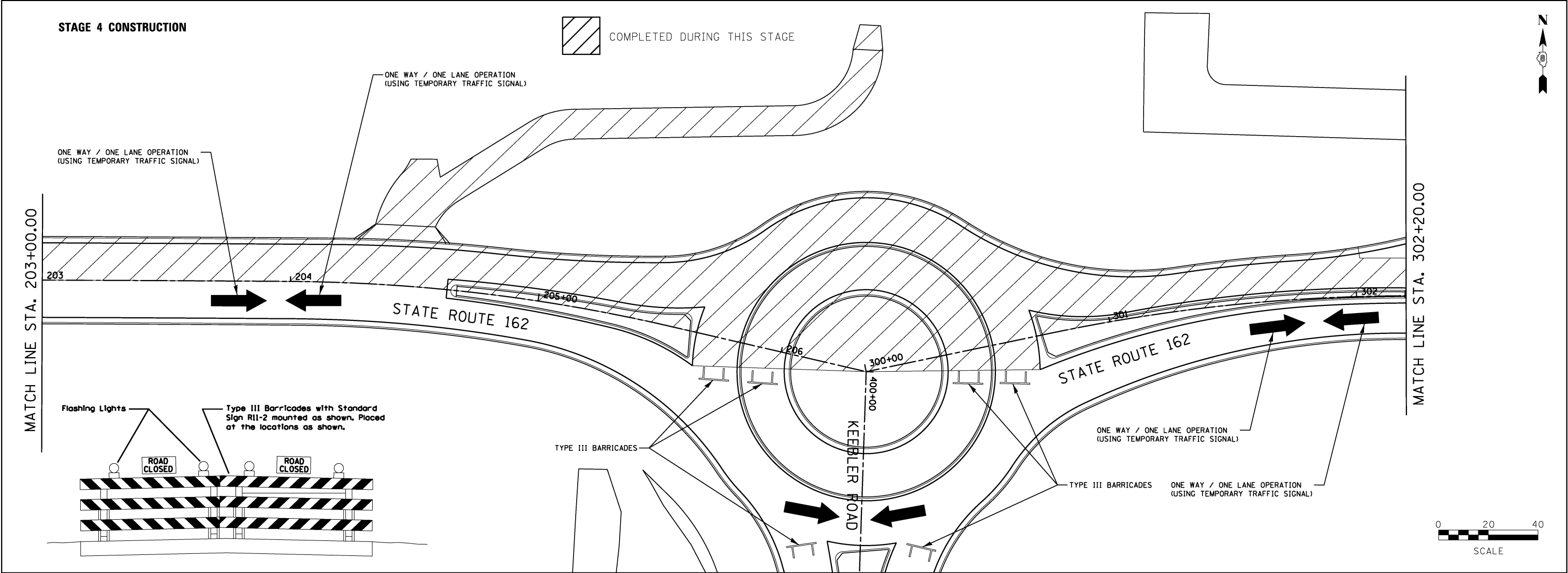
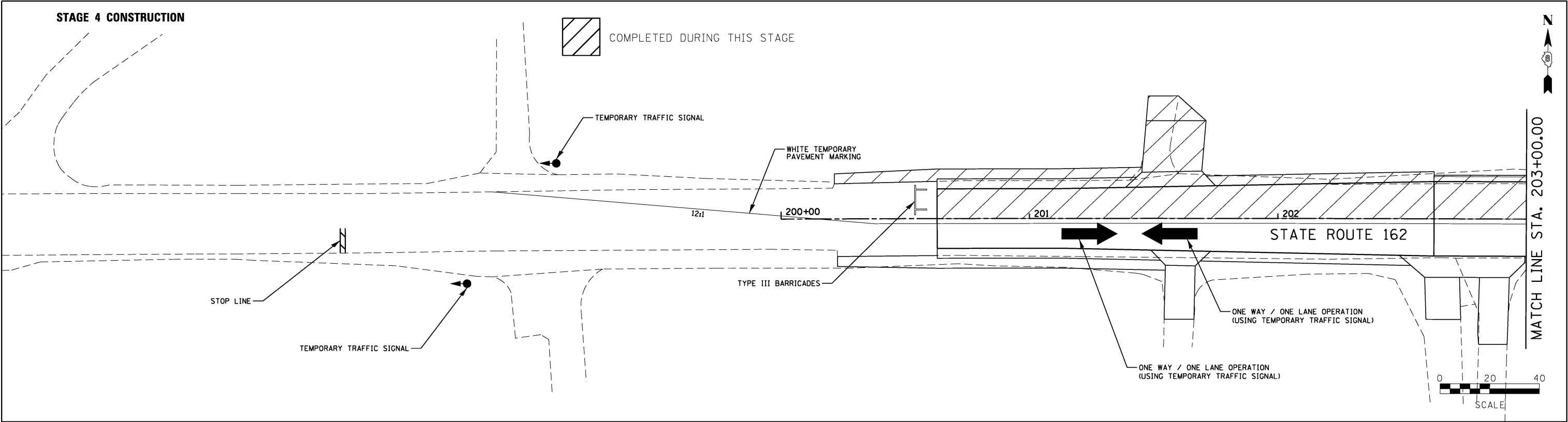


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JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	DRAWN - RKR	REVISED -					CONTRACT NO. 97708				
	PLOT DATE = 6/20/2024	CHECKED - BFK	REVISED -					ILLINOIS FED. AID PROJECT				
		DATE - 6/20/24	REVISED -					SCALE: 1"=20'	SHEET 3 OF 6 SHEETS	STA.	TO STA.	

STAGE 3 CONSTRUCTION



FILE NAME = stage003b.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	STAGE 3 CONSTRUCTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RKR	REVISED -					586	16-00015-02-PV	MADISON	71	30
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JUNEAU JOB NO. E160720	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -		SCALE: 1"=20'	SHEET 4 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

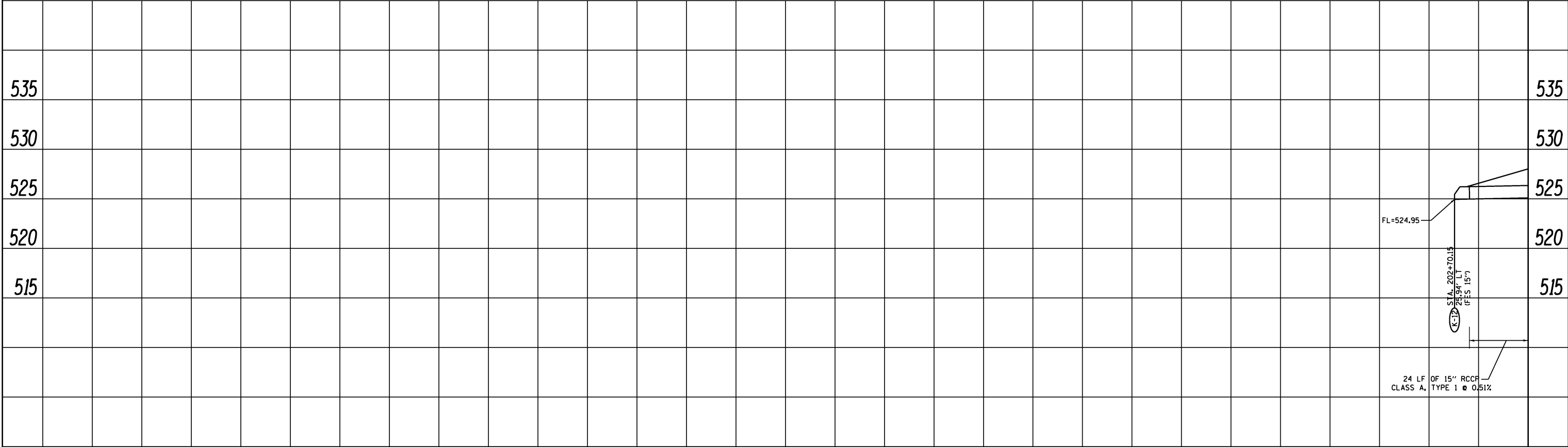


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JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	DRAWN - RKR	REVISED -		SCALE: 1"=20'	SHEET 5	OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 97708		
	PLOT DATE = 6/20/2024	CHECKED - BFK	REVISED -							ILLINOIS FED. AID PROJECT		
		DATE - 6/20/24	REVISED -									

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NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
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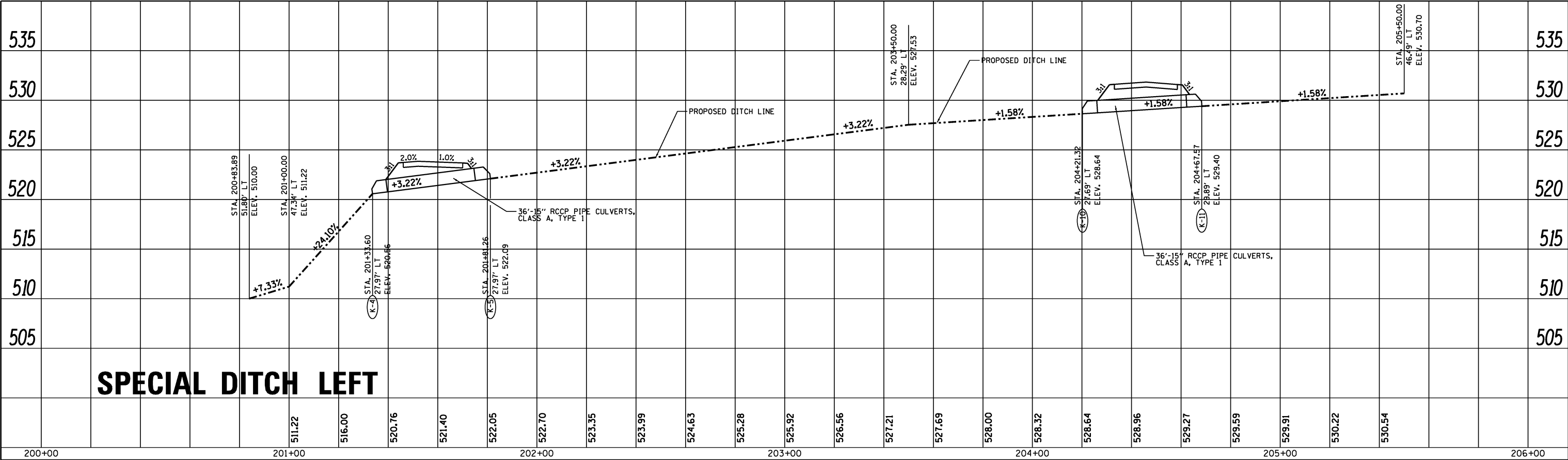
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STRUCTURE	NOTATIONS	CHKD

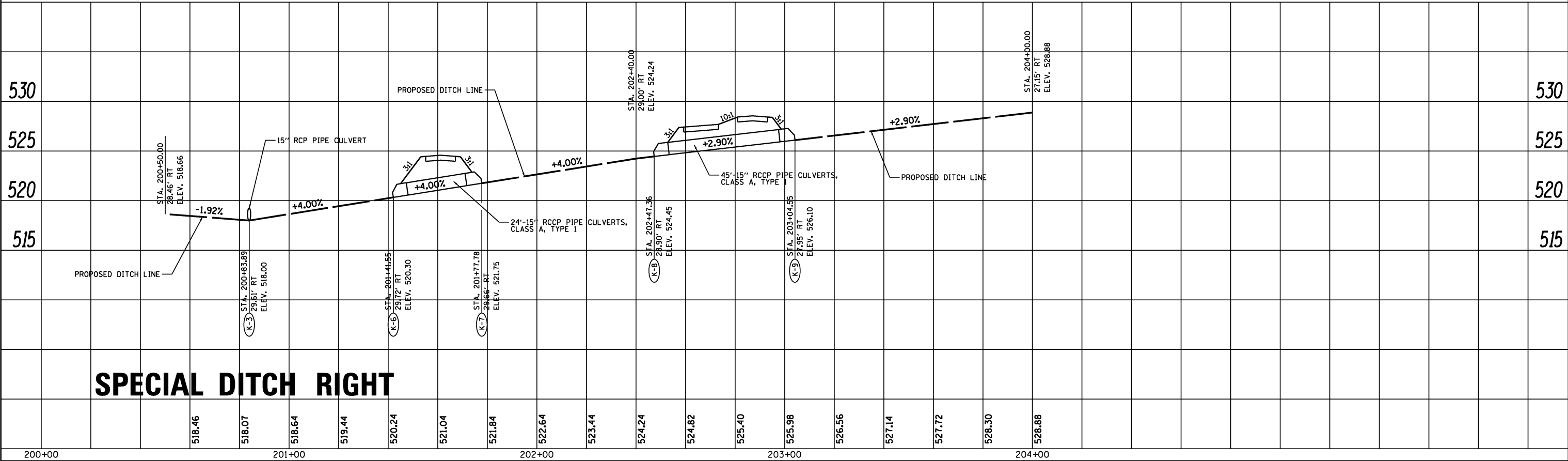


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JUNEAU JOB NO. E160720	PLOT DATE = 6/20/2024	CHECKED - BFK DATE - 6/20/24			SCALE: 1"=20'	SHEET 1 OF 8 SHEETS	STA. 200+00.00 TO STA. 203+00.00	ILLINOIS FED. AID PROJECT	CONTRACT NO. 97708	

PLAN	SURVEYED	BY	DATE
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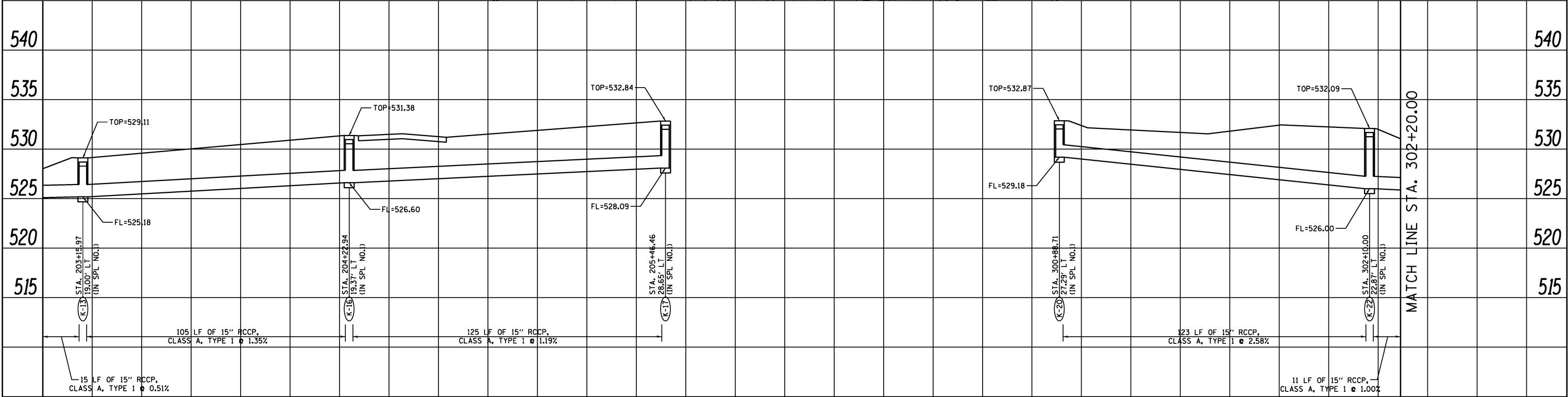
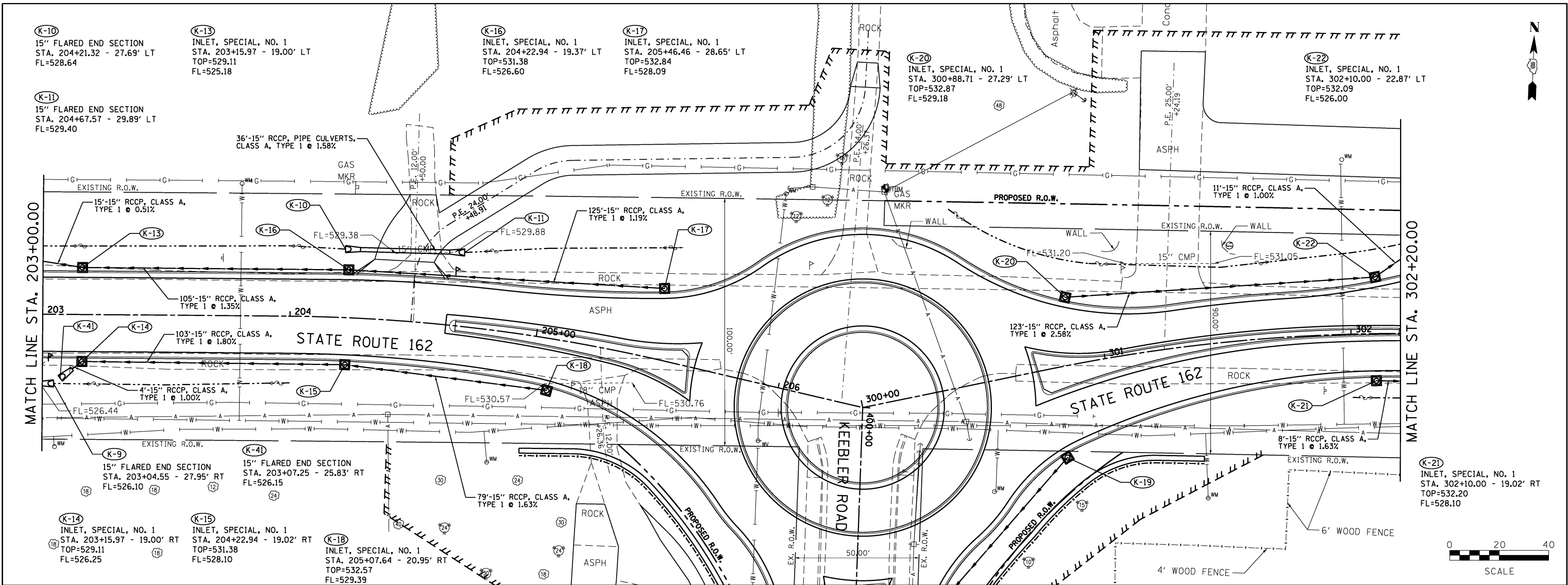


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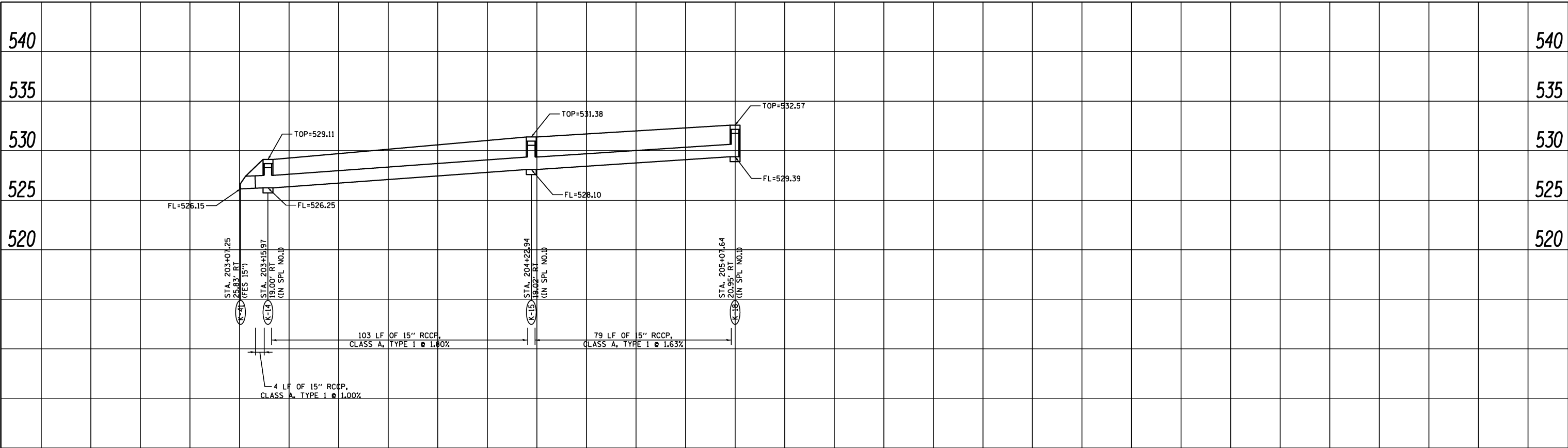
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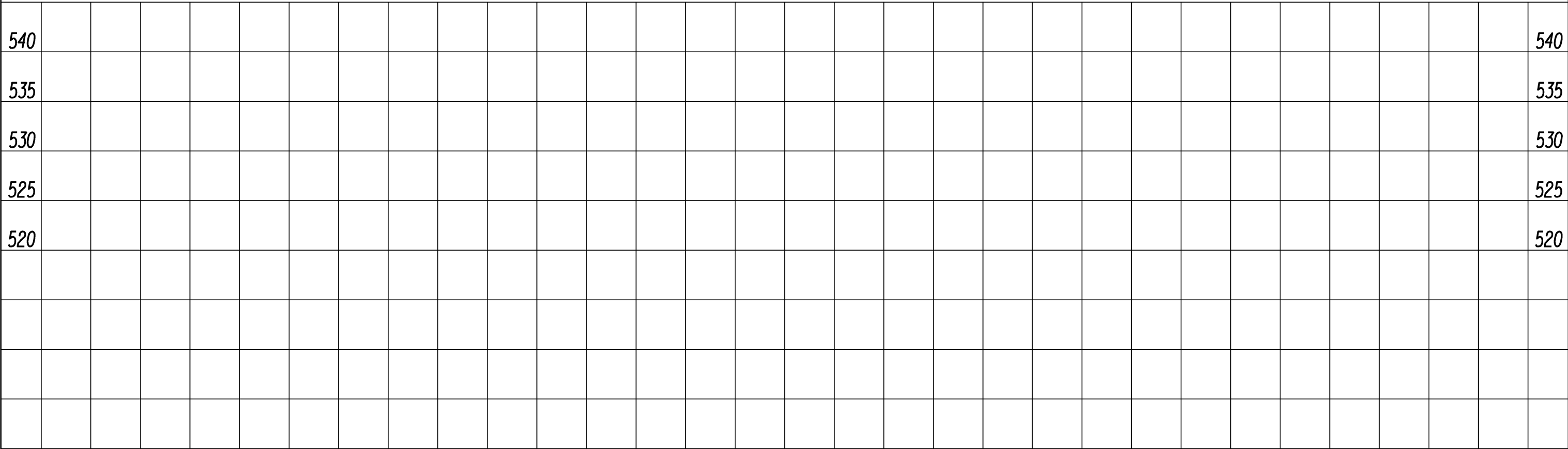


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PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -							ILLINOIS FED. AID PROJECT				

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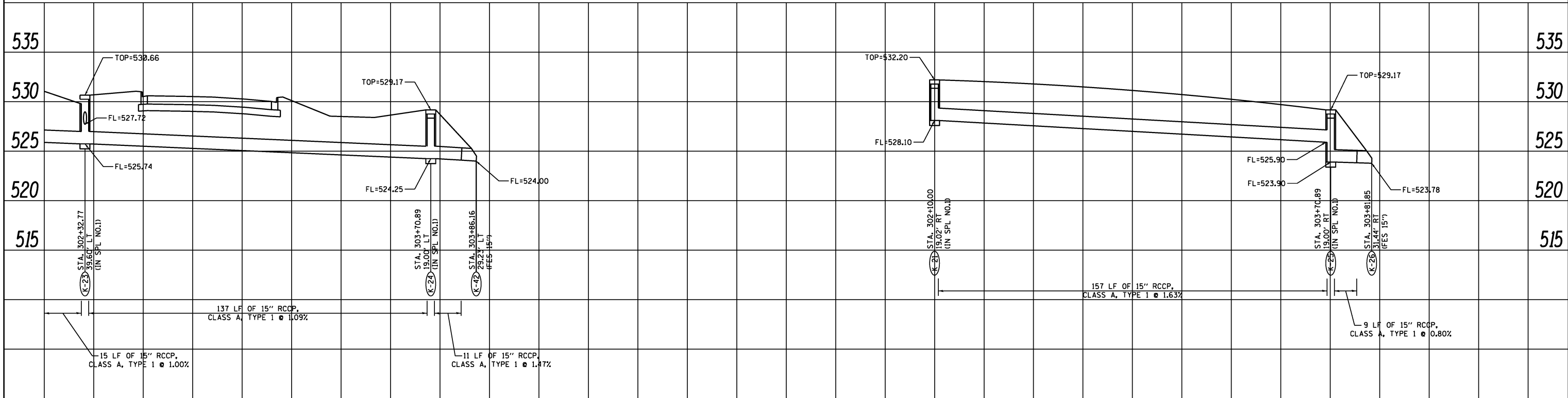
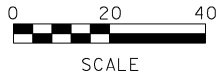
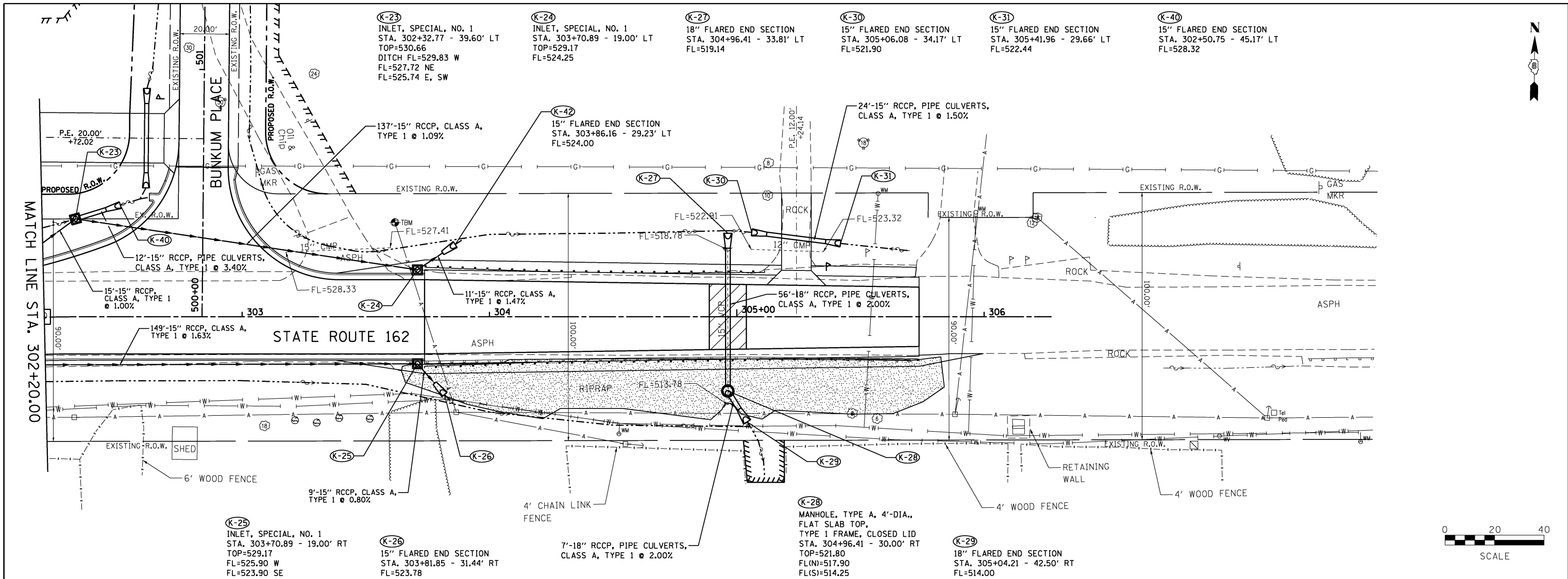


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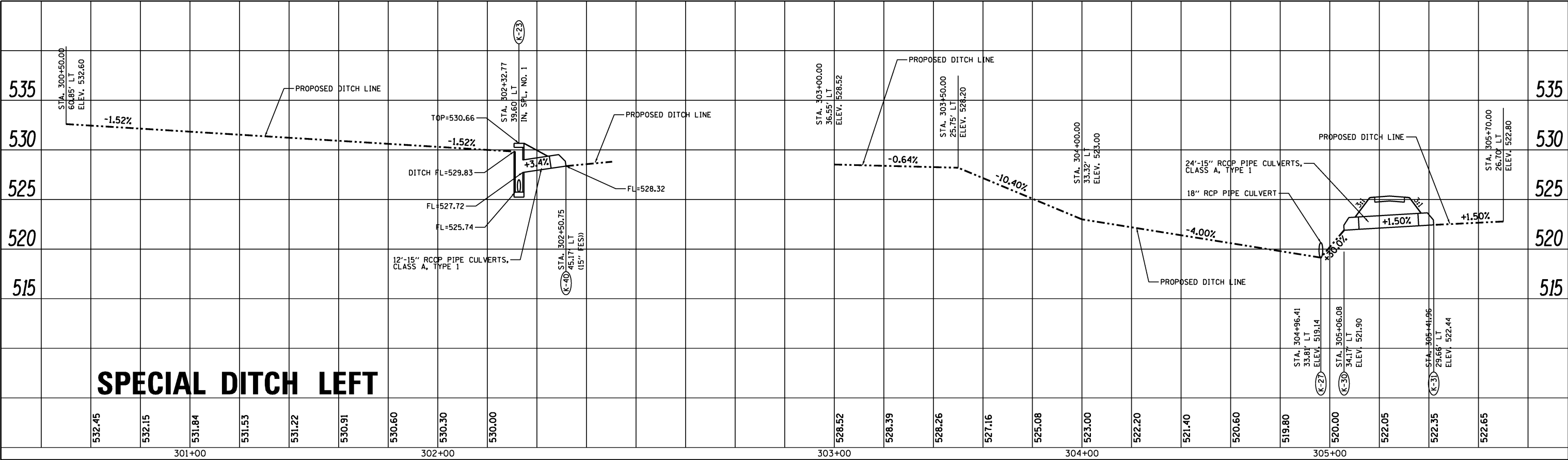
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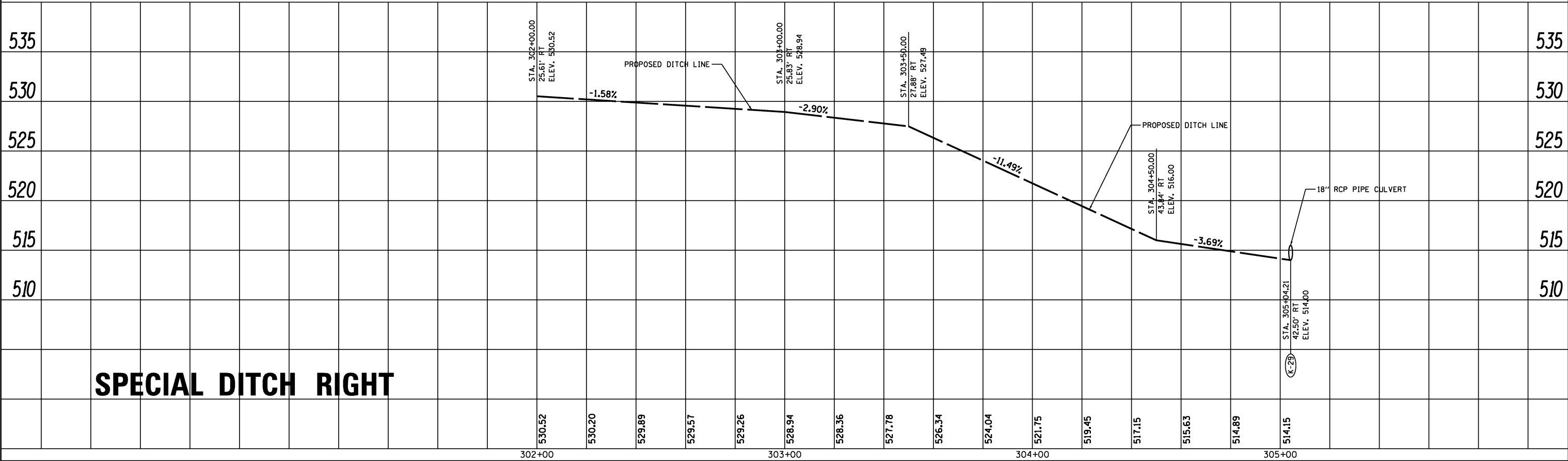


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JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 5 OF 8 SHEETS	STA. 302+20.00 TO STA. 306+00.00	CONTRACT NO. 97708				
	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -		ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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	APPROVED		
	PAID FILE NAME		



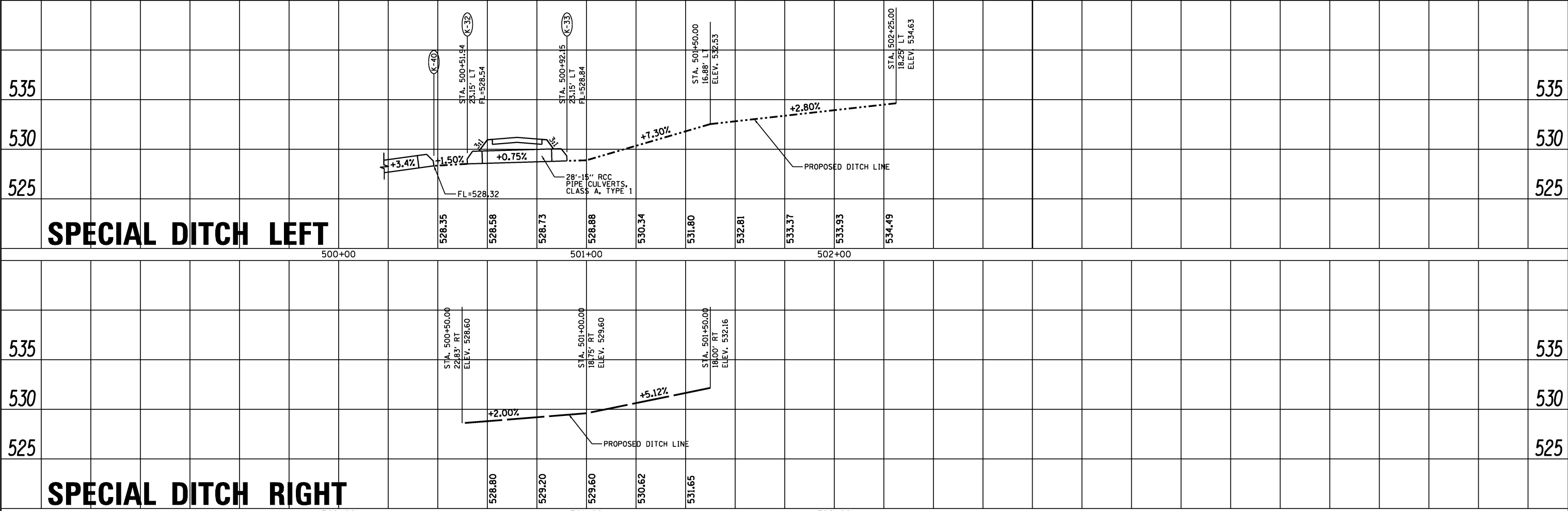
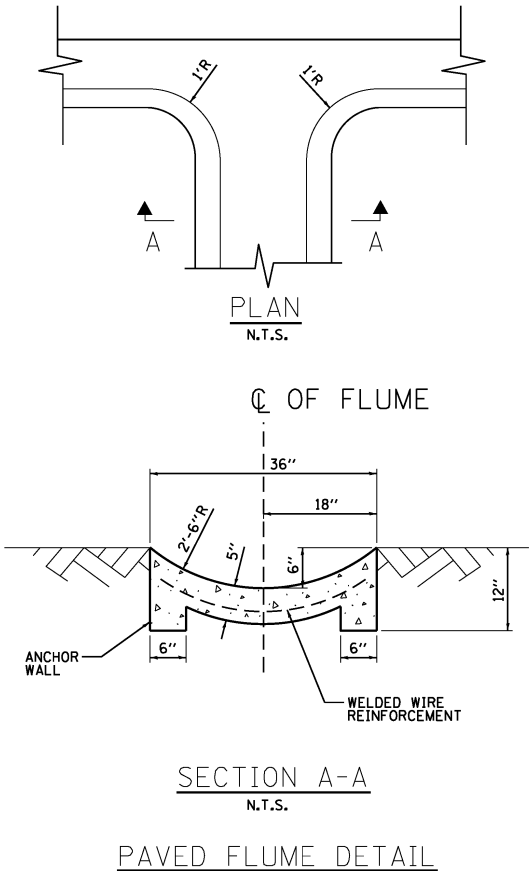
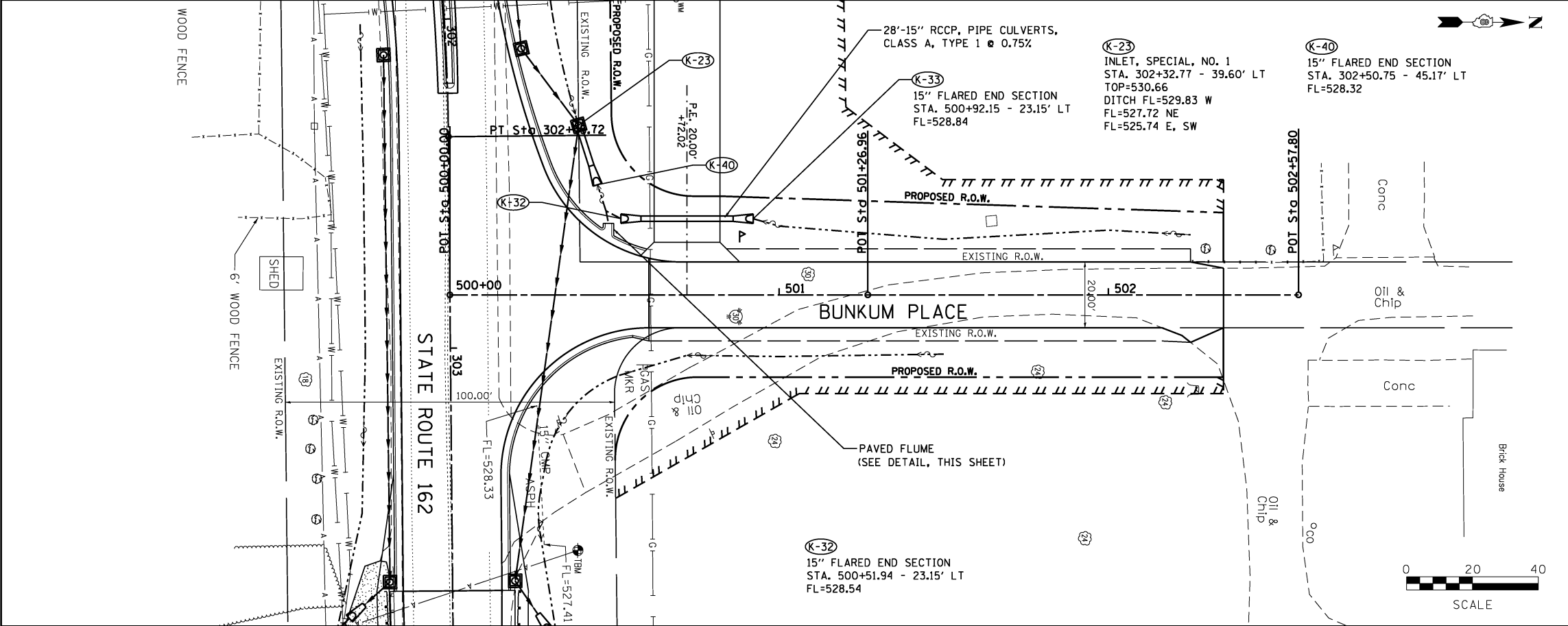
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NOTE BOOK NO.	GRADES CHECKED		
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		DRAWN - RKR	REVISED -						586	16-00015-02-PV	MADISON	71	39
	PLOT SCALE = 40.0000' / 1in.	CHECKED - BFK	REVISED -				CONTRACT NO. 97708						
JUNEAU JOB NO. E160720	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -		SCALE: 1"=20'	SHEET 6 OF 8 SHEETS	STA. 300+50.00 TO STA. 305+70.00	ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO.		

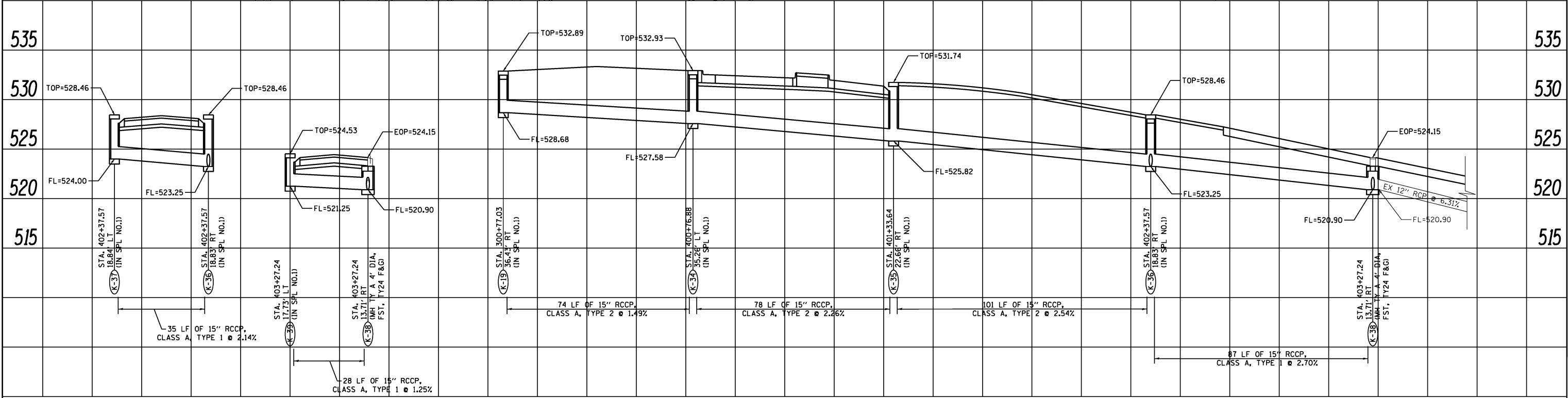
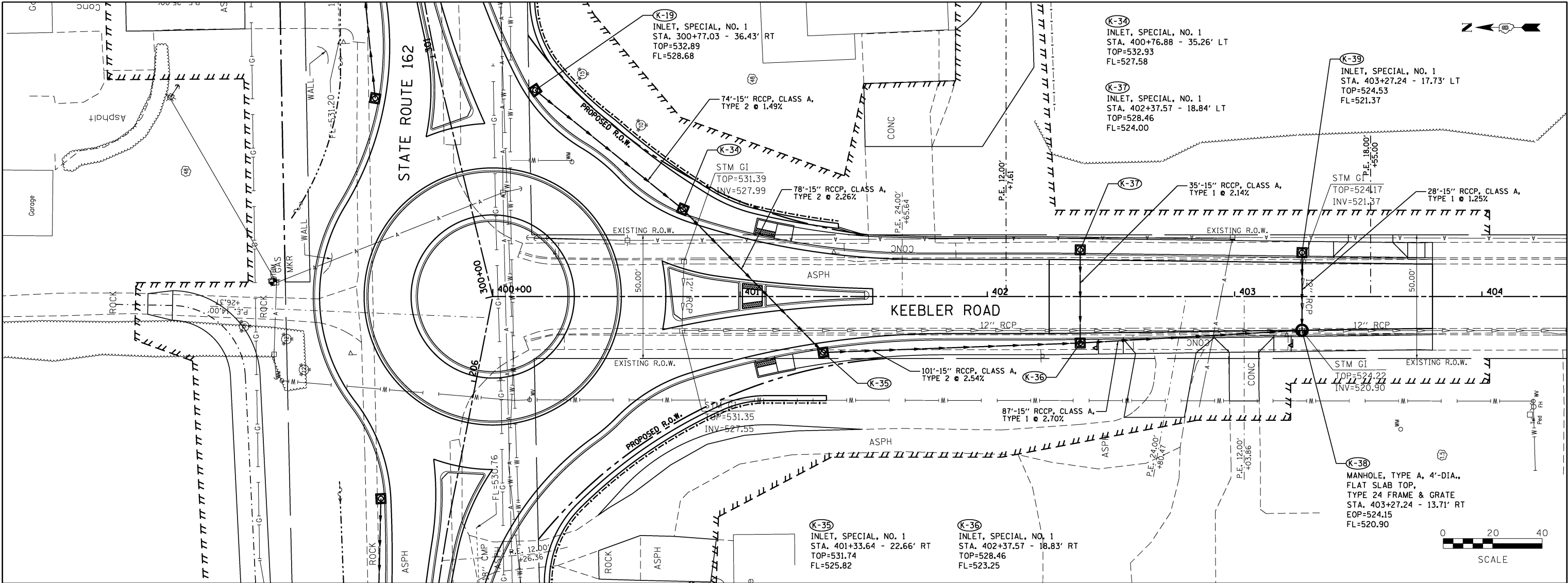
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	PLOTTED		
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FILE NAME = drain04.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	DRAINAGE PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RKR	REVISED -			586	16-00015-02-PV	MADISON	71	40
JUNEAU JOB NO. E160720		CHECKED - BFK	REVISED -			CONTRACT NO. 97708				
		DATE - 6/20/24	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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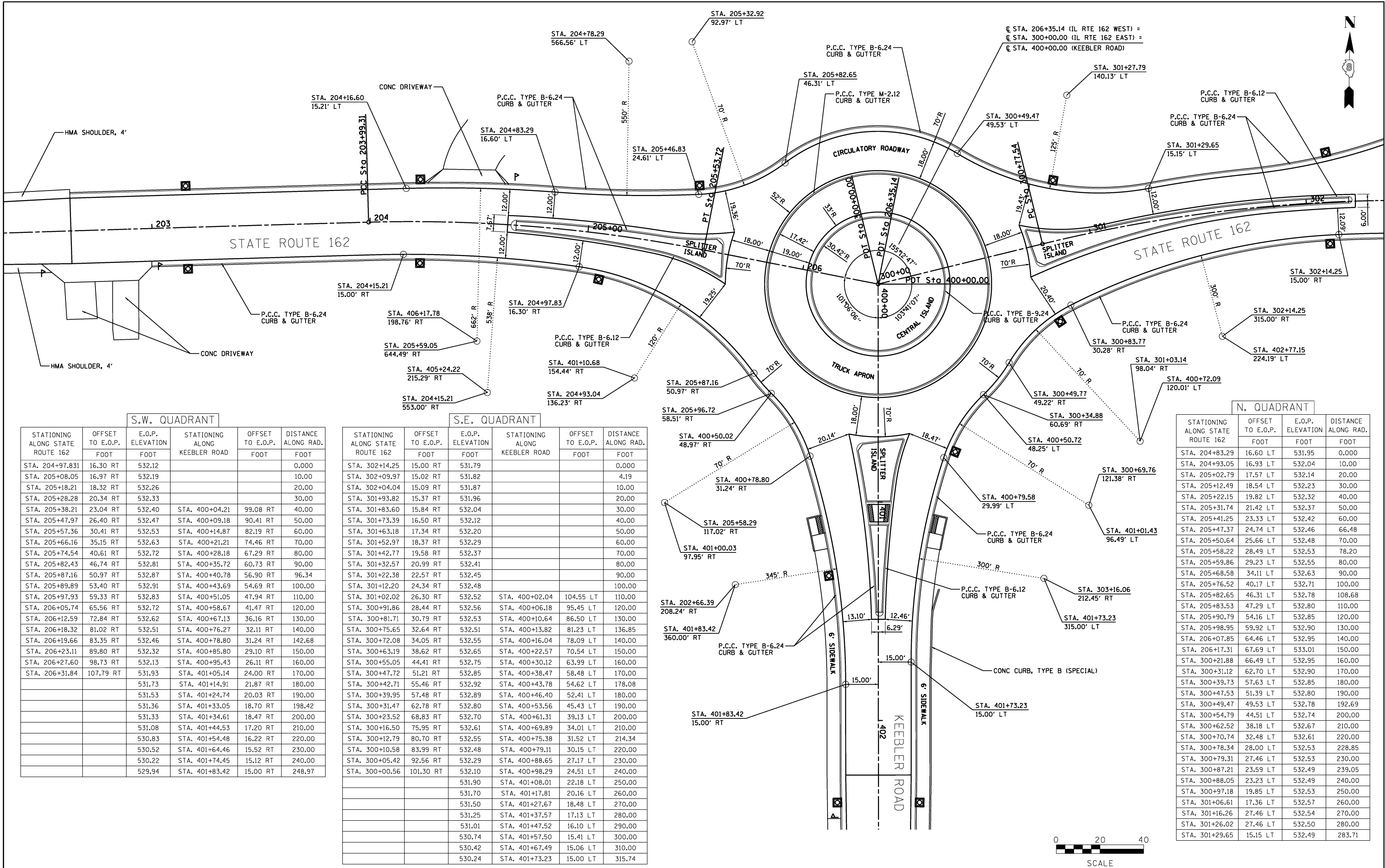
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NOTE BOOK NO.	PLOTTED		
	CHECKED		
	DESIGNED		
	NOTATIS CHKD		



FILE NAME = drain05.dgn	USER NAME = ramesh	DESIGNED - BFK DRAWN - RKR CHECKED - BFK DATE - 6/20/24	REVISED - REVISED - REVISED - REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	DRAINAGE PLAN AND PROFILE SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA. 400+00.00 TO STA. 403+80.00	F.A.U. RTE. 9135	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 41	CONTRACT NO. 97708 ILLINOIS FED. AID PROJECT
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PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	FILE NAME		



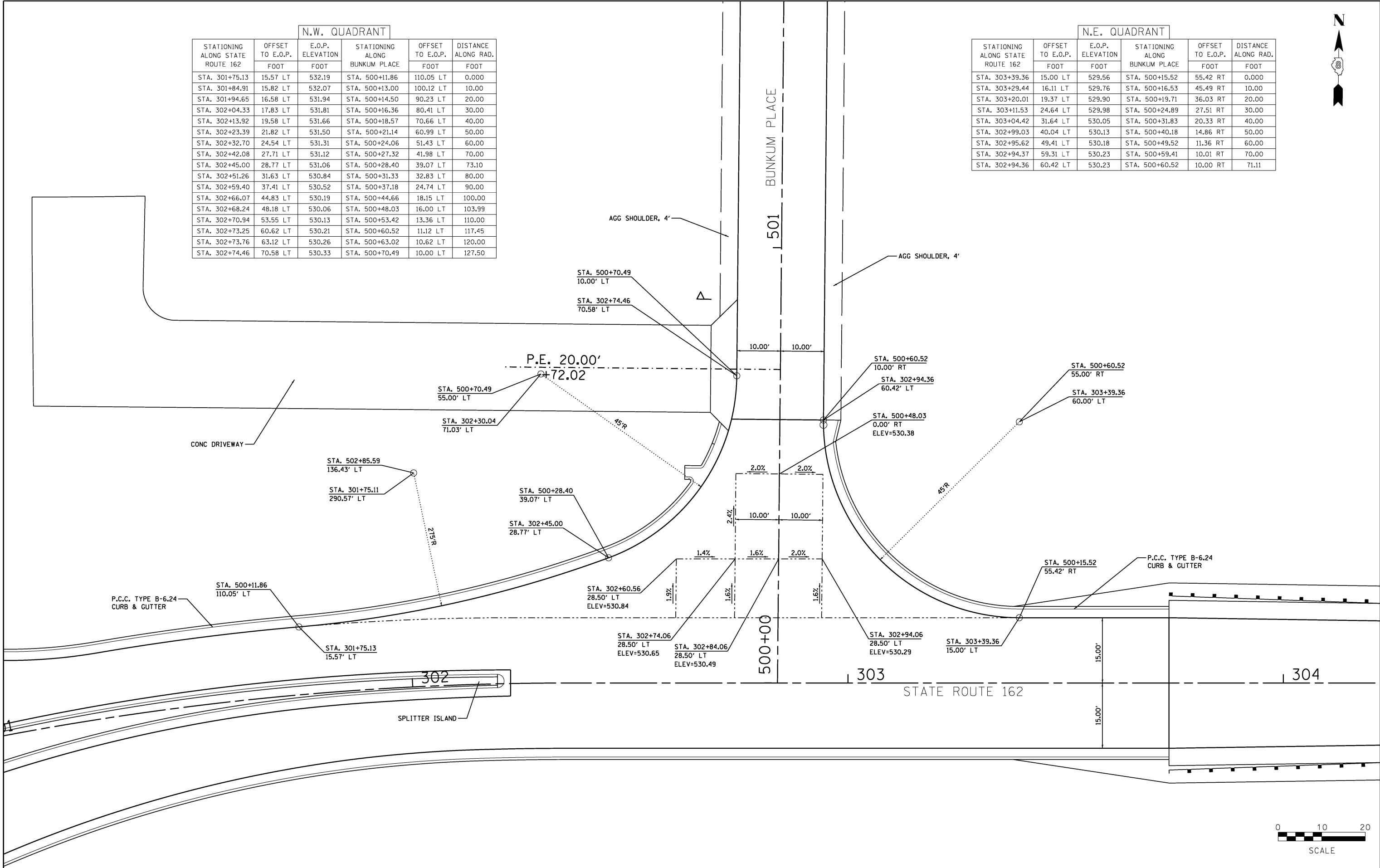
S.W. QUADRANT					
STATIONING ALONG STATE ROUTE 162	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG KEEBLER ROAD	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
STA. 204+97.831	16.30 RT	532.12			0.00
STA. 205+08.05	16.97 RT	532.19			10.00
STA. 205+18.21	18.32 RT	532.26			20.00
STA. 205+28.28	20.34 RT	532.33			30.00
STA. 205+38.21	23.04 RT	532.40	STA. 400+04.21	99.08 RT	40.00
STA. 205+47.97	26.40 RT	532.47	STA. 400+09.18	90.41 RT	50.00
STA. 205+57.36	30.41 RT	532.53	STA. 400+14.87	82.19 RT	60.00
STA. 205+66.16	35.15 RT	532.63	STA. 400+21.21	74.46 RT	70.00
STA. 205+74.54	40.61 RT	532.72	STA. 400+28.18	67.29 RT	80.00
STA. 205+82.43	46.74 RT	532.81	STA. 400+35.72	60.73 RT	90.00
STA. 205+87.16	50.97 RT	532.87	STA. 400+40.78	56.90 RT	96.34
STA. 205+89.89	53.40 RT	532.91	STA. 400+43.69	54.69 RT	100.00
STA. 205+97.93	59.33 RT	532.83	STA. 400+51.05	47.94 RT	110.00
STA. 206+05.74	65.56 RT	532.72	STA. 400+58.67	41.47 RT	120.00
STA. 206+12.59	72.84 RT	532.62	STA. 400+67.13	36.16 RT	130.00
STA. 206+18.32	81.02 RT	532.51	STA. 400+76.27	32.11 RT	140.00
STA. 206+19.66	83.35 RT	532.46	STA. 400+78.80	31.24 RT	142.68
STA. 206+23.11	89.80 RT	532.32	STA. 400+85.80	29.10 RT	150.00
STA. 206+27.60	98.73 RT	532.13	STA. 400+95.43	26.11 RT	160.00
STA. 206+31.84	107.79 RT	531.93	STA. 401+05.14	24.00 RT	170.00
		531.73	STA. 401+14.91	21.87 RT	180.00
		531.53	STA. 401+24.74	20.03 RT	190.00
		531.36	STA. 401+33.05	18.70 RT	198.42
		531.33	STA. 401+34.61	18.47 RT	200.00
		531.08	STA. 401+44.53	17.20 RT	210.00
		530.83	STA. 401+54.48	16.22 RT	220.00
		530.52	STA. 401+64.46	15.52 RT	230.00
		530.22	STA. 401+74.45	15.12 RT	240.00
		529.94	STA. 401+83.42	15.00 RT	248.97

S.E. QUADRANT					
STATIONING ALONG STATE ROUTE 162	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG KEEBLER ROAD	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
STA. 302+14.25	15.00 RT	531.79			0.00
STA. 302+09.97	15.02 RT	531.82			4.19
STA. 302+04.04	15.09 RT	531.87			10.00
STA. 301+93.82	15.37 RT	531.96			20.00
STA. 301+83.60	15.84 RT	532.04			30.00
STA. 301+73.39	16.50 RT	532.12			40.00
STA. 301+63.18	17.34 RT	532.20			50.00
STA. 301+52.97	18.37 RT	532.29			60.00
STA. 301+42.77	19.58 RT	532.37			70.00
STA. 301+32.57	20.99 RT	532.41			80.00
STA. 301+22.38	22.57 RT	532.45			90.00
STA. 301+12.20	24.34 RT	532.48			100.00
STA. 301+02.02	26.30 RT	532.52	STA. 400+02.04	104.55 LT	110.00
STA. 300+91.86	28.44 RT	532.56	STA. 400+06.18	95.45 LT	120.00
STA. 300+81.71	30.79 RT	532.53	STA. 400+10.64	86.50 LT	130.00
STA. 300+75.65	32.64 RT	532.51	STA. 400+13.82	81.23 LT	136.85
STA. 300+72.08	34.05 RT	532.55	STA. 400+16.04	78.09 LT	140.00
STA. 300+63.19	38.62 RT	532.65	STA. 400+22.57	70.54 LT	150.00
STA. 300+55.05	44.41 RT	532.75	STA. 400+30.12	63.99 LT	160.00
STA. 300+47.72	51.21 RT	532.85	STA. 400+38.47	58.48 LT	170.00
STA. 300+42.71	55.46 RT	532.92	STA. 400+43.78	54.62 LT	178.08
STA. 300+39.95	57.48 RT	532.89	STA. 400+46.40	52.41 LT	180.00
STA. 300+31.47	62.78 RT	532.80	STA. 400+53.56	45.43 LT	190.00
STA. 300+23.52	68.83 RT	532.70	STA. 400+61.31	39.13 LT	200.00
STA. 300+16.50	75.95 RT	532.61	STA. 400+69.89	34.01 LT	210.00
STA. 300+12.79	80.70 RT	532.55	STA. 400+75.38	31.52 LT	214.34
STA. 300+10.58	83.99 RT	532.48	STA. 400+79.11	30.15 LT	220.00
STA. 300+05.42	92.56 RT	532.29	STA. 400+88.65	27.17 LT	230.00
STA. 300+00.56	101.30 RT	532.10	STA. 400+98.29	24.51 LT	240.00
		531.90	STA. 401+08.01	22.18 LT	250.00
		531.70	STA. 401+17.81	20.16 LT	260.00
		531.50	STA. 401+27.67	18.48 LT	270.00
		531.25	STA. 401+37.57	17.13 LT	280.00
		531.01	STA. 401+47.52	16.10 LT	290.00
		530.74	STA. 401+57.50	15.41 LT	300.00
		530.42	STA. 401+67.49	15.06 LT	310.00
		530.24	STA. 401+73.23	15.00 LT	315.74

N. QUADRANT			
STATIONING ALONG STATE ROUTE 162	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	DISTANCE ALONG RAD. FOOT
STA. 204+83.29	16.60 LT	531.95	0.00
STA. 204+93.05	16.93 LT	532.04	10.00
STA. 205+02.79	17.57 LT	532.14	20.00
STA. 205+12.49	18.54 LT	532.23	30.00
STA. 205+22.15	19.82 LT	532.32	40.00
STA. 205+31.74	21.42 LT	532.37	50.00
STA. 205+41.25	23.33 LT	532.42	60.00
STA. 205+47.37	24.74 LT	532.46	66.48
STA. 205+50.64	25.66 LT	532.48	70.00
STA. 205+58.22	28.49 LT	532.53	78.20
STA. 205+59.86	29.23 LT	532.55	80.00
STA. 205+68.58	34.11 LT	532.63	90.00
STA. 205+76.52	40.17 LT	532.71	100.00
STA. 205+82.65	46.31 LT	532.78	108.68
STA. 205+83.53	47.29 LT	532.80	110.00
STA. 205+90.79	54.16 LT	532.85	120.00
STA. 205+98.95	59.92 LT	532.90	130.00
STA. 206+07.85	64.46 LT	532.95	140.00
STA. 206+17.31	67.69 LT	533.01	150.00
STA. 300+21.88	66.49 LT	532.95	160.00
STA. 300+31.12	62.70 LT	532.90	170.00
STA. 300+39.73	57.63 LT	532.85	180.00
STA. 300+47.53	51.39 LT	532.80	190.00
STA. 300+49.47	49.53 LT	532.78	192.69
STA. 300+54.79	44.51 LT	532.74	200.00
STA. 300+62.52	38.18 LT	532.67	210.00
STA. 300+70.74	32.48 LT	532.61	220.00
STA. 300+78.34	28.00 LT	532.53	228.85
STA. 300+79.31	27.46 LT	532.53	230.00
STA. 300+87.21	23.59 LT	532.49	239.05
STA. 300+88.05	23.23 LT	532.49	240.00
STA. 300+97.18	19.85 LT	532.53	250.00
STA. 301+06.61	17.36 LT	532.57	260.00
STA. 301+16.26	27.46 LT	532.54	270.00
STA. 301+26.02	27.46 LT	532.50	280.00
STA. 301+29.65	15.15 LT	532.49	283.71

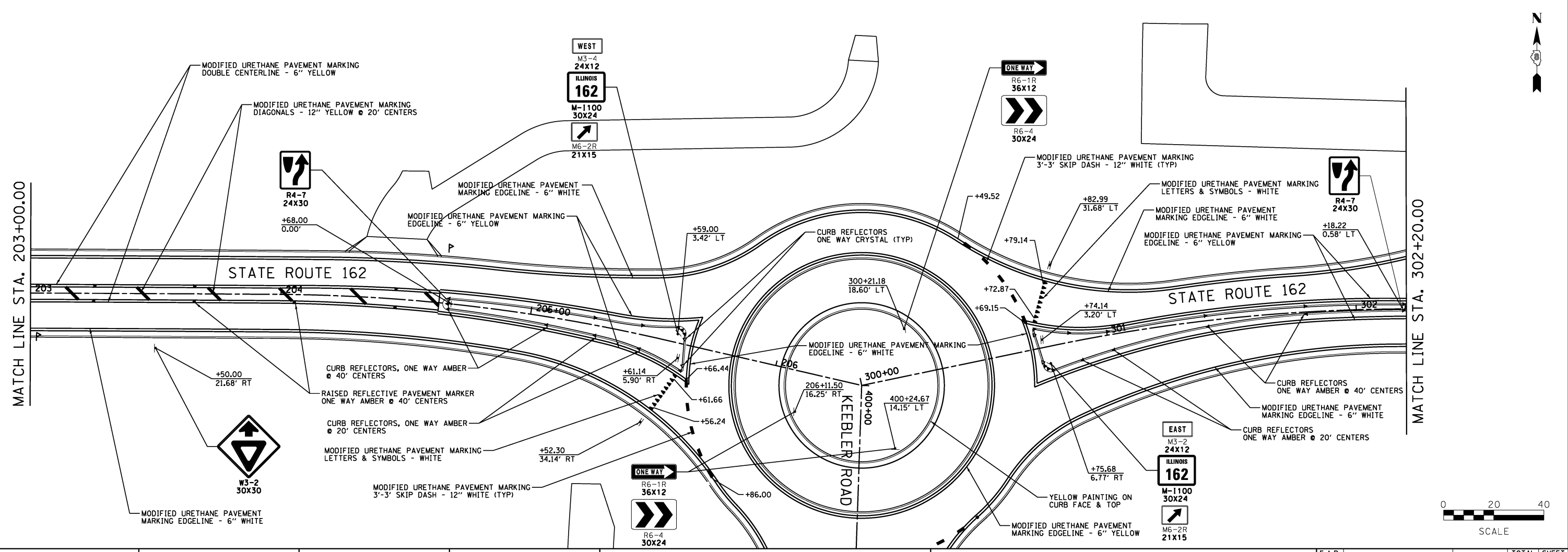
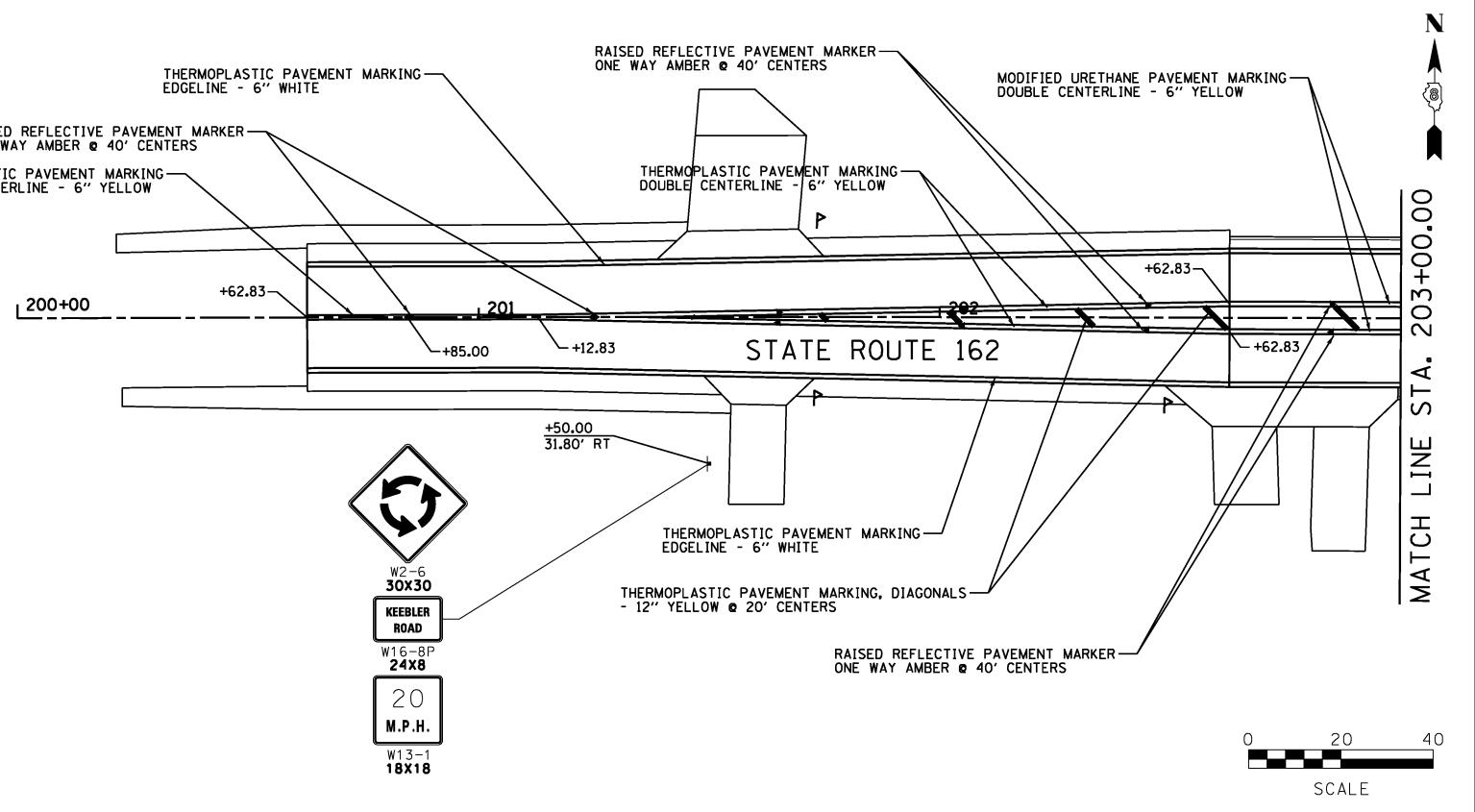
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PROFILE	SURVEYED	DATE	BY	PLOTTED	CHECKED	STRUCTURE	NOTATIS CHKD

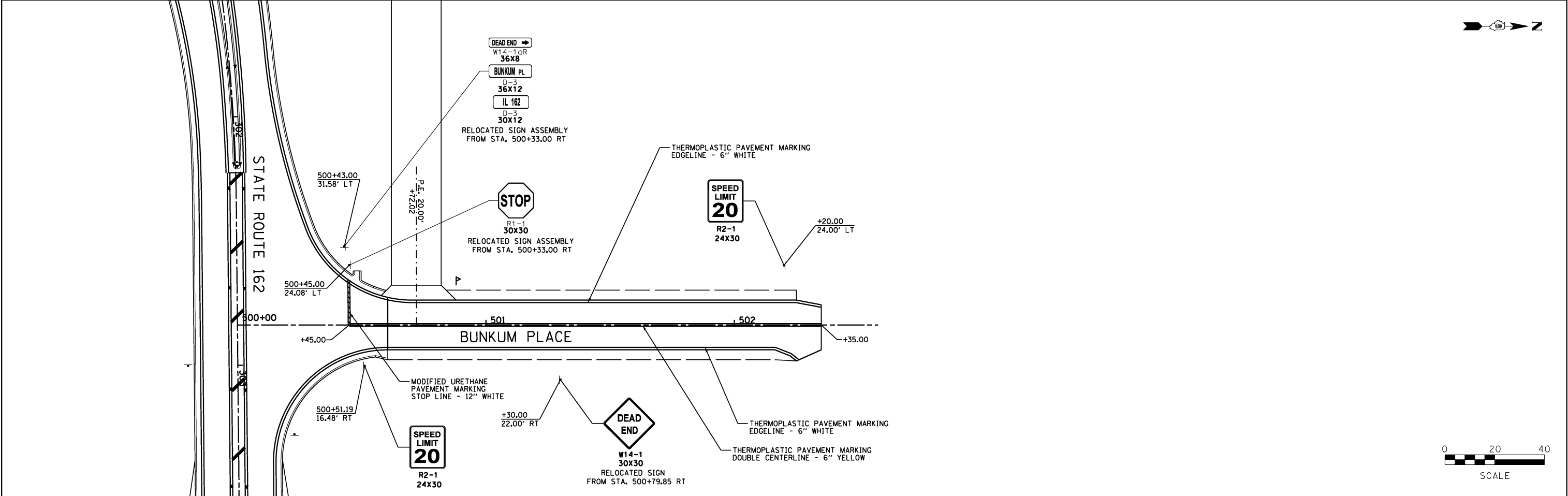
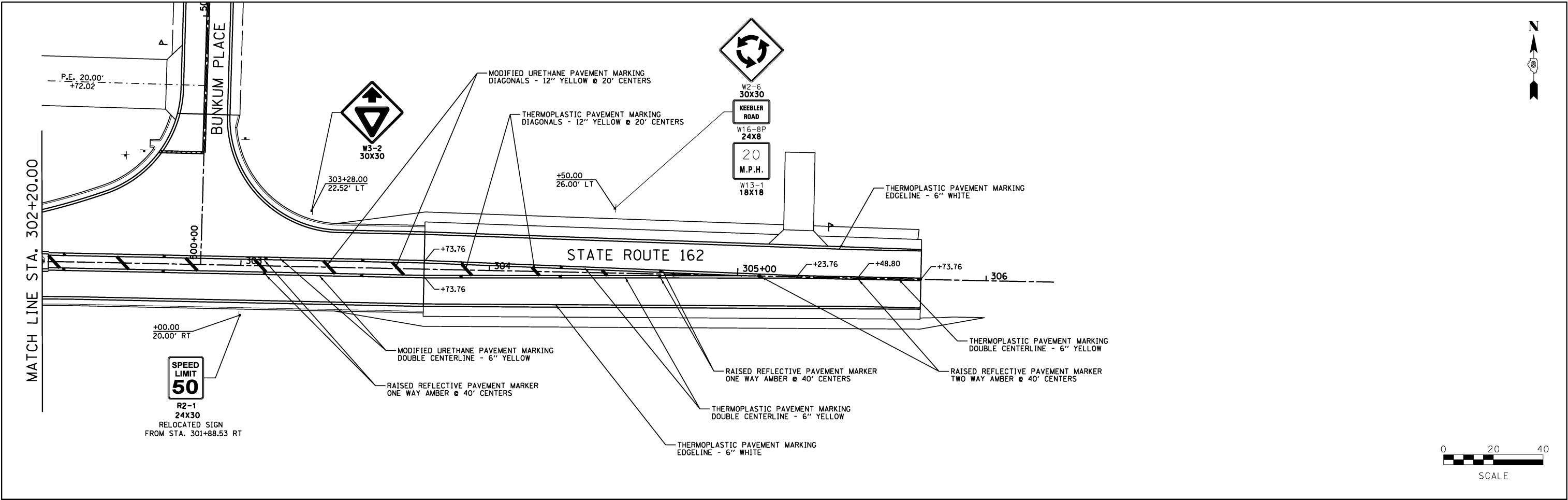


N.W. QUADRANT					
STATIONING ALONG STATE ROUTE 162	OFFSET TO E.O.P.	E.O.P. ELEVATION	STATIONING ALONG BUNKUM PLACE	OFFSET TO E.O.P.	DISTANCE ALONG RAD.
	FOOT	FOOT		FOOT	FOOT
STA. 301+75.13	15.57 LT	532.19	STA. 500+11.86	110.05 LT	0.000
STA. 301+84.91	15.82 LT	532.07	STA. 500+13.00	100.12 LT	10.00
STA. 301+94.65	16.58 LT	531.94	STA. 500+14.50	90.23 LT	20.00
STA. 302+04.33	17.83 LT	531.81	STA. 500+16.36	80.41 LT	30.00
STA. 302+13.92	19.58 LT	531.66	STA. 500+18.57	70.66 LT	40.00
STA. 302+23.39	21.82 LT	531.50	STA. 500+21.14	60.99 LT	50.00
STA. 302+32.70	24.54 LT	531.31	STA. 500+24.06	51.43 LT	60.00
STA. 302+42.08	27.71 LT	531.12	STA. 500+27.32	41.98 LT	70.00
STA. 302+45.00	28.77 LT	531.06	STA. 500+28.40	39.07 LT	73.10
STA. 302+51.26	31.63 LT	530.84	STA. 500+31.33	32.83 LT	80.00
STA. 302+59.40	37.41 LT	530.52	STA. 500+37.18	24.74 LT	90.00
STA. 302+66.07	44.83 LT	530.19	STA. 500+44.66	18.15 LT	100.00
STA. 302+68.24	48.18 LT	530.06	STA. 500+48.03	16.00 LT	103.99
STA. 302+70.94	53.55 LT	530.13	STA. 500+53.42	13.36 LT	110.00
STA. 302+73.25	60.62 LT	530.21	STA. 500+60.52	11.12 LT	117.45
STA. 302+73.76	63.12 LT	530.26	STA. 500+63.02	10.62 LT	120.00
STA. 302+74.46	70.58 LT	530.33	STA. 500+70.49	10.00 LT	127.50

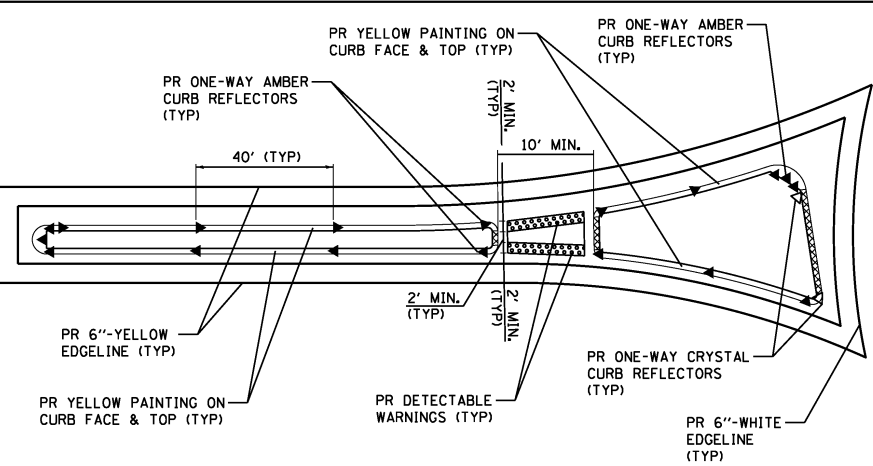
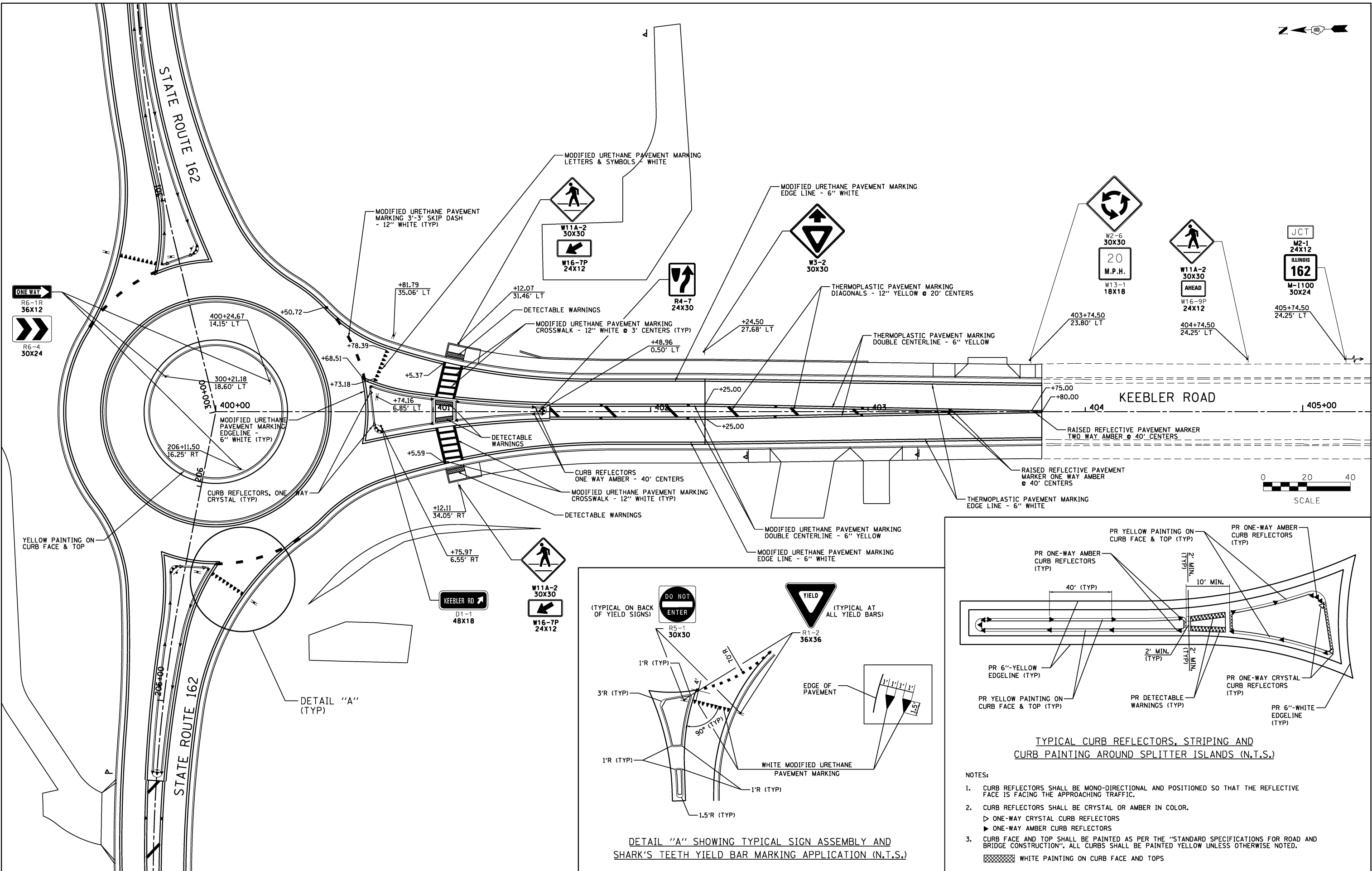
N.E. QUADRANT					
STATIONING ALONG STATE ROUTE 162	OFFSET TO E.O.P.	E.O.P. ELEVATION	STATIONING ALONG BUNKUM PLACE	OFFSET TO E.O.P.	DISTANCE ALONG RAD.
	FOOT	FOOT		FOOT	FOOT
STA. 303+39.36	15.00 LT	529.56	STA. 500+15.52	55.42 RT	0.000
STA. 303+29.44	16.11 LT	529.76	STA. 500+16.53	45.49 RT	10.00
STA. 303+20.01	19.37 LT	529.90	STA. 500+19.71	36.03 RT	20.00
STA. 303+11.53	24.64 LT	529.98	STA. 500+24.89	27.51 RT	30.00
STA. 303+04.42	31.64 LT	530.05	STA. 500+31.83	20.33 RT	40.00
STA. 302+99.03	40.04 LT	530.13	STA. 500+40.18	14.86 RT	50.00
STA. 302+95.62	49.41 LT	530.18	STA. 500+49.52	11.36 RT	60.00
STA. 302+94.37	59.31 LT	530.23	STA. 500+59.41	10.01 RT	70.00
STA. 302+94.36	60.42 LT	530.23	STA. 500+60.52	10.00 RT	71.11



FILE NAME = pmark01.dgn JUNEAU JOB NO. E160720	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	PAVEMENT MARKINGS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RKR	REVISED -					586	16-00015-02-PV	MADISON	71	45
	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -					CONTRACT NO. 97708				
	PLOT DATE = 7/17/2024	DATE - 7/17/24	REVISED -					SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	



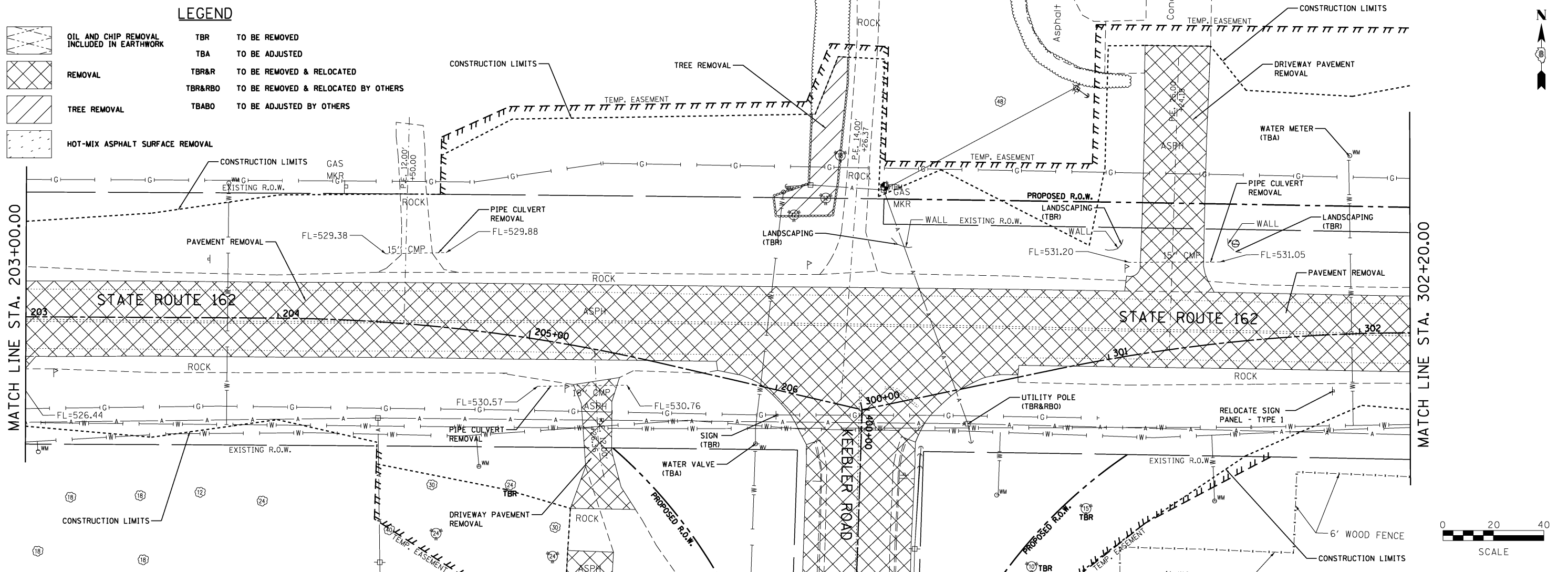
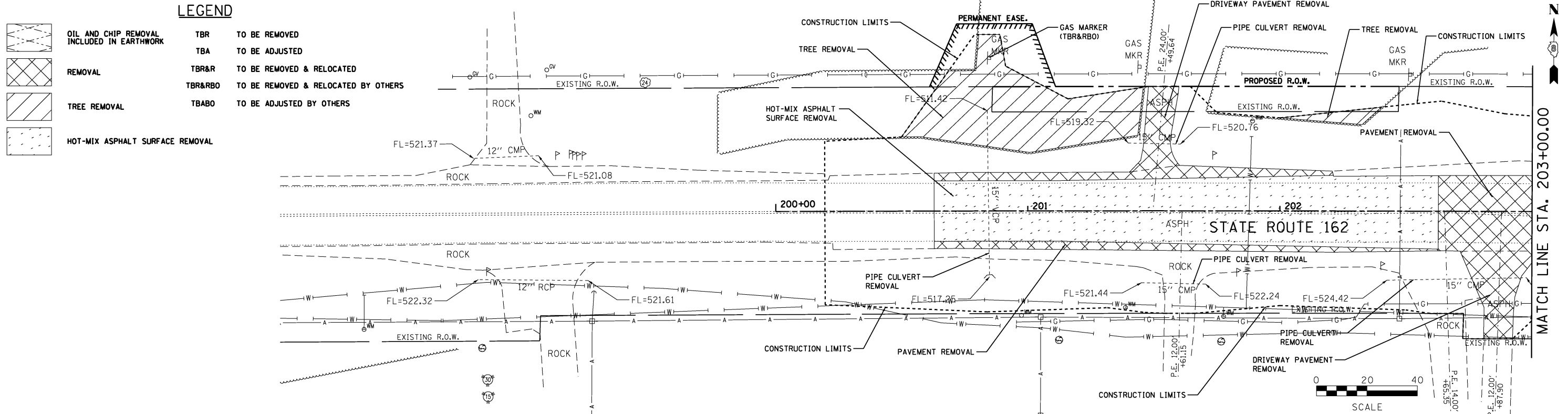
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		DRAWN - RKR	REVISED -					586	16-00015-02-PV	MADISON	71	46
		CHECKED - BFK	REVISED -		SCALE: 1"=20'			CONTRACT NO. 97708				
		DATE - 7/17/24	REVISED -		SHEET 2	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



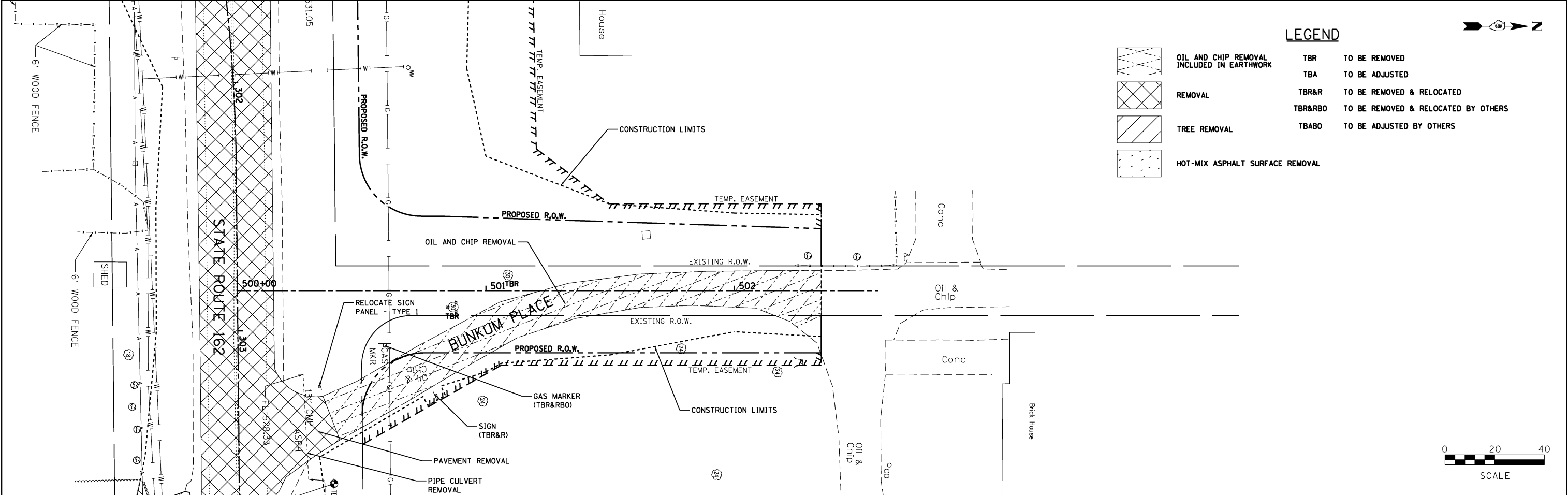
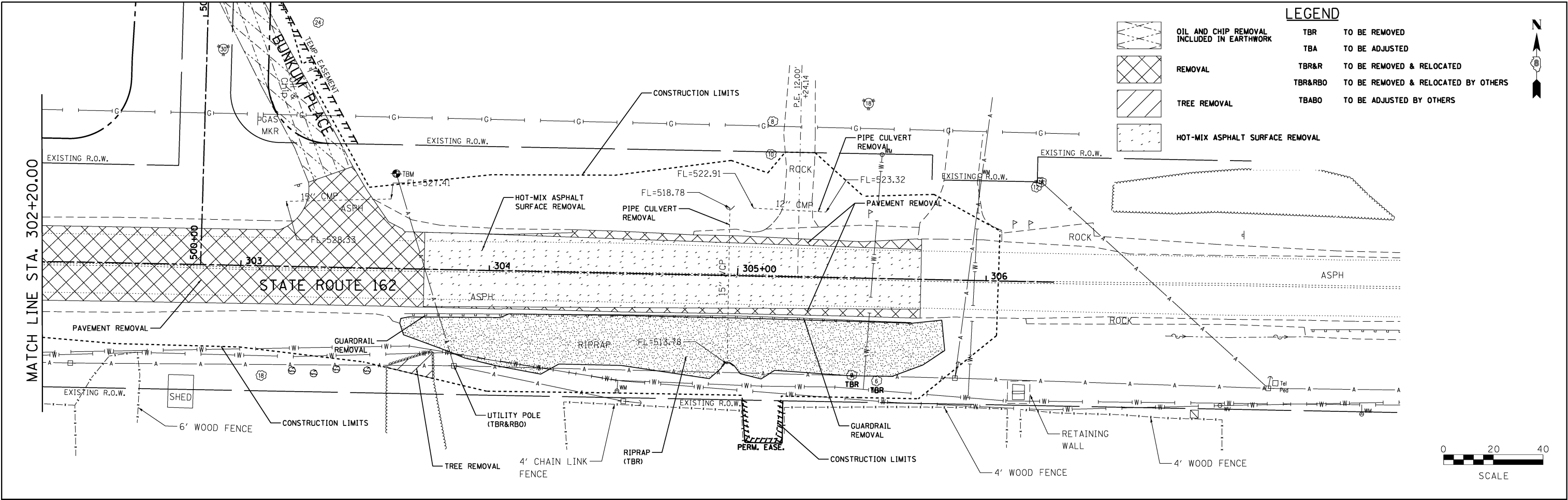
TYPICAL CURB REFLECTORS, STRIPING AND CURB PAINTING AROUND SPLITTER ISLANDS (N.T.S.)

- NOTES:
- CURB REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
 - CURB REFLECTORS SHALL BE CRYSTAL OR AMBER IN COLOR.
 - ONE-WAY CRYSTAL CURB REFLECTORS
 - ONE-WAY AMBER CURB REFLECTORS
 - CURB FACE AND TOP SHALL BE PAINTED AS PER THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". ALL CURBS SHALL BE PAINTED YELLOW UNLESS OTHERWISE NOTED.
 - WHITE PAINTING ON CURB FACE AND TOPS

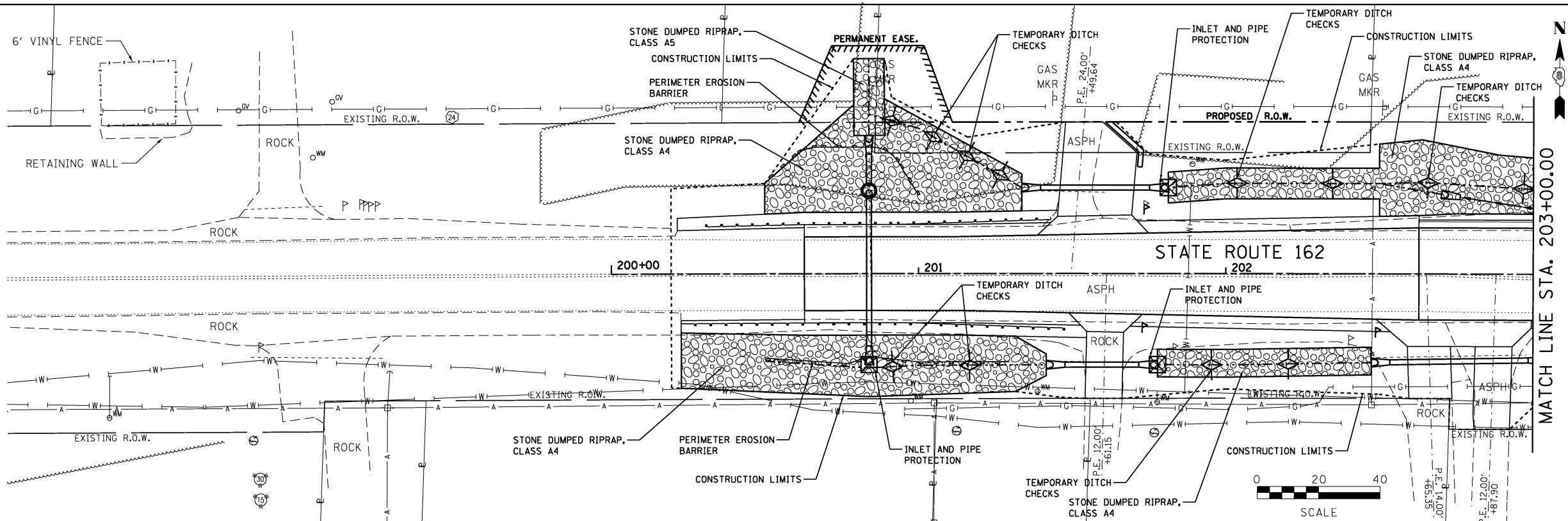
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		DRAWN - RKR	REVISED -						9135	16-00015-02-PV	MADISON	71	47
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -						CONTRACT NO. 97708				
JUNEAU JOB NO. E160720	PLOT DATE = 7/17/2024	DATE - 7/17/24	REVISED -		SCALE: 1"=20'	SHEET 3 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				



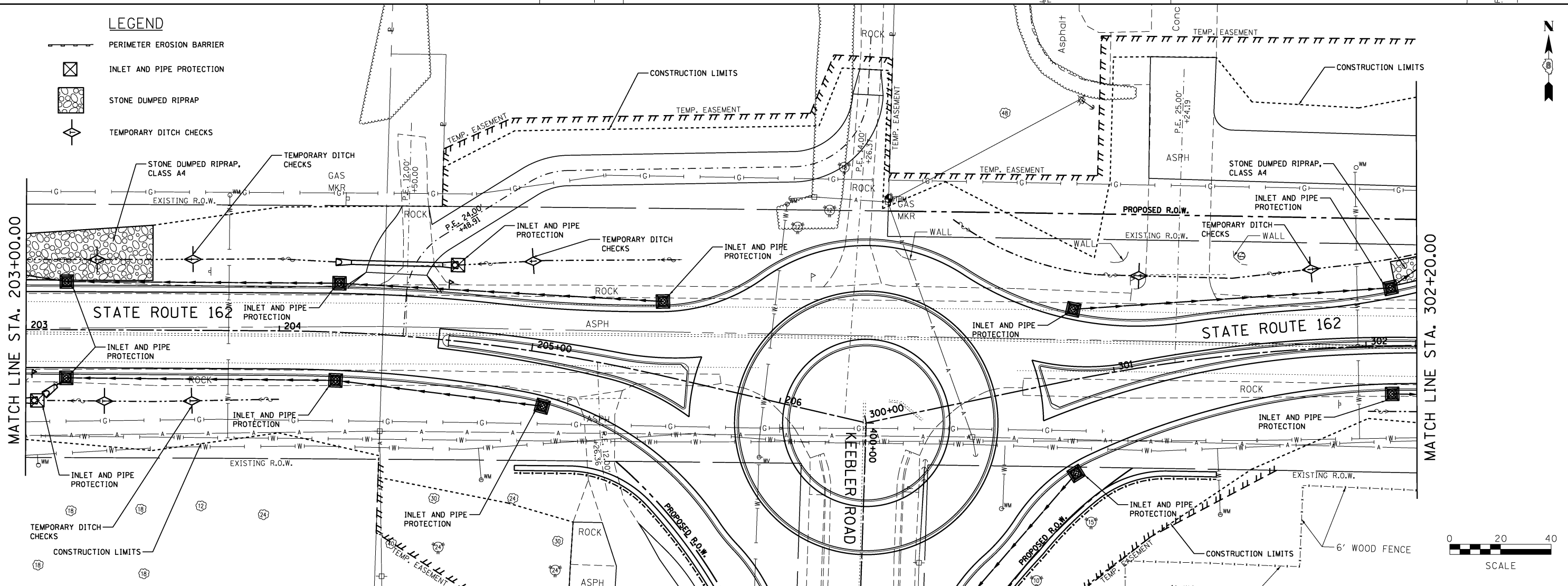
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ero01.dgn		DRAWN - RKR	REVISED -					586	16-00015-02-PV	MADISON	71	48
	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -									CONTRACT NO. 97708
JUNEAU JOB NO. E160720	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -									ILLINOIS FED. AID PROJECT



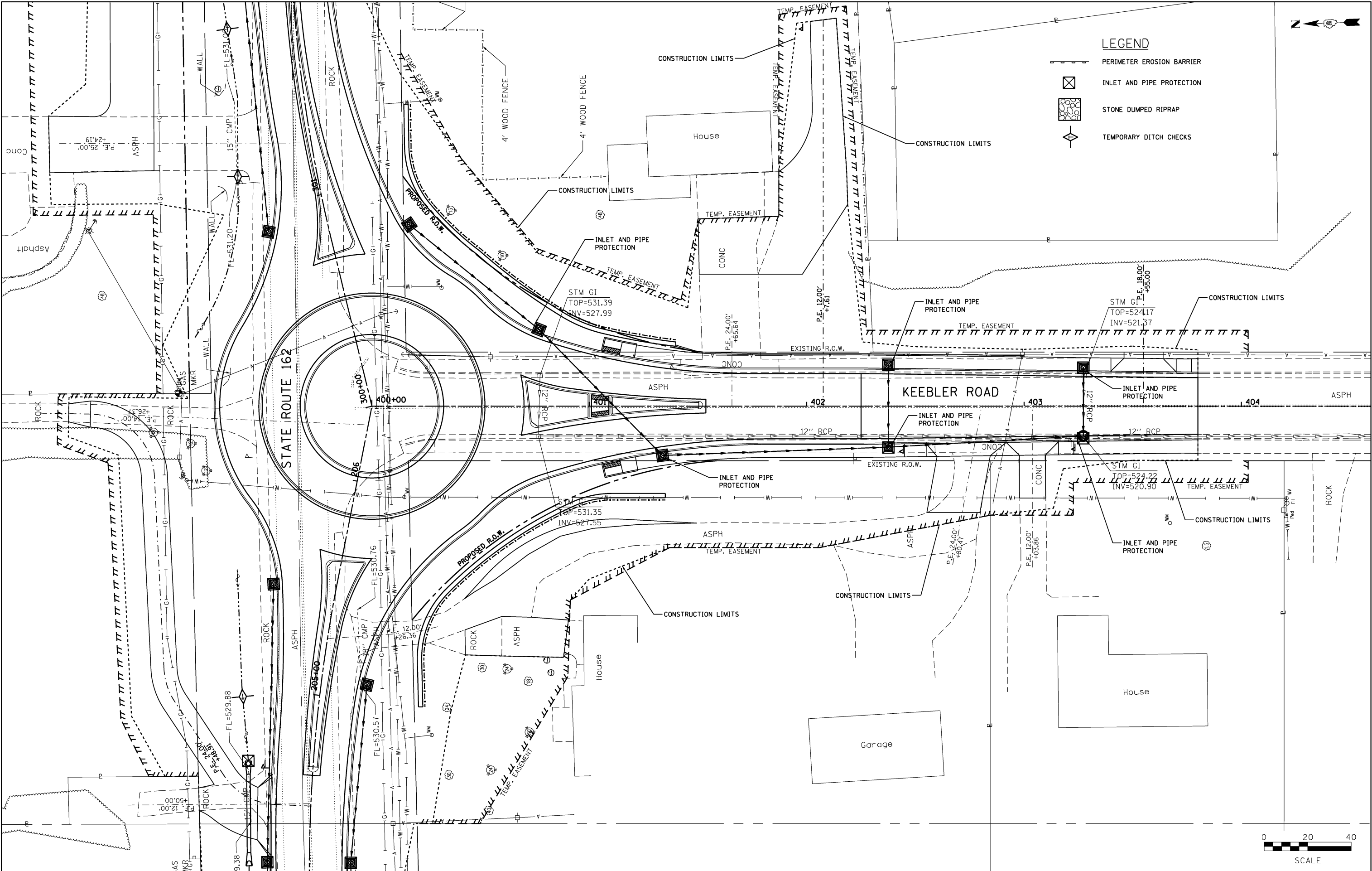
- LEGEND**
- PERIMETER EROSION BARRIER
 - INLET AND PIPE PROTECTION
 - STONE DUMPED RIPRAP
 - TEMPORARY DITCH CHECKS



- LEGEND**
- PERIMETER EROSION BARRIER
 - INLET AND PIPE PROTECTION
 - STONE DUMPED RIPRAP
 - TEMPORARY DITCH CHECKS



FILE NAME = ero01.dgn JUNEAU JOB NO. E160720	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	EROSION AND SEDIMENT CONTROL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RKR	REVISED -						586	16-00015-02-PV	MADISON	71	51
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -		CONTRACT NO. 97708								
	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE: 1"=20'	SHEET 1	OF 3	SHEETS	STA.	TO STA.				

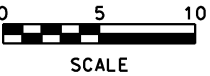
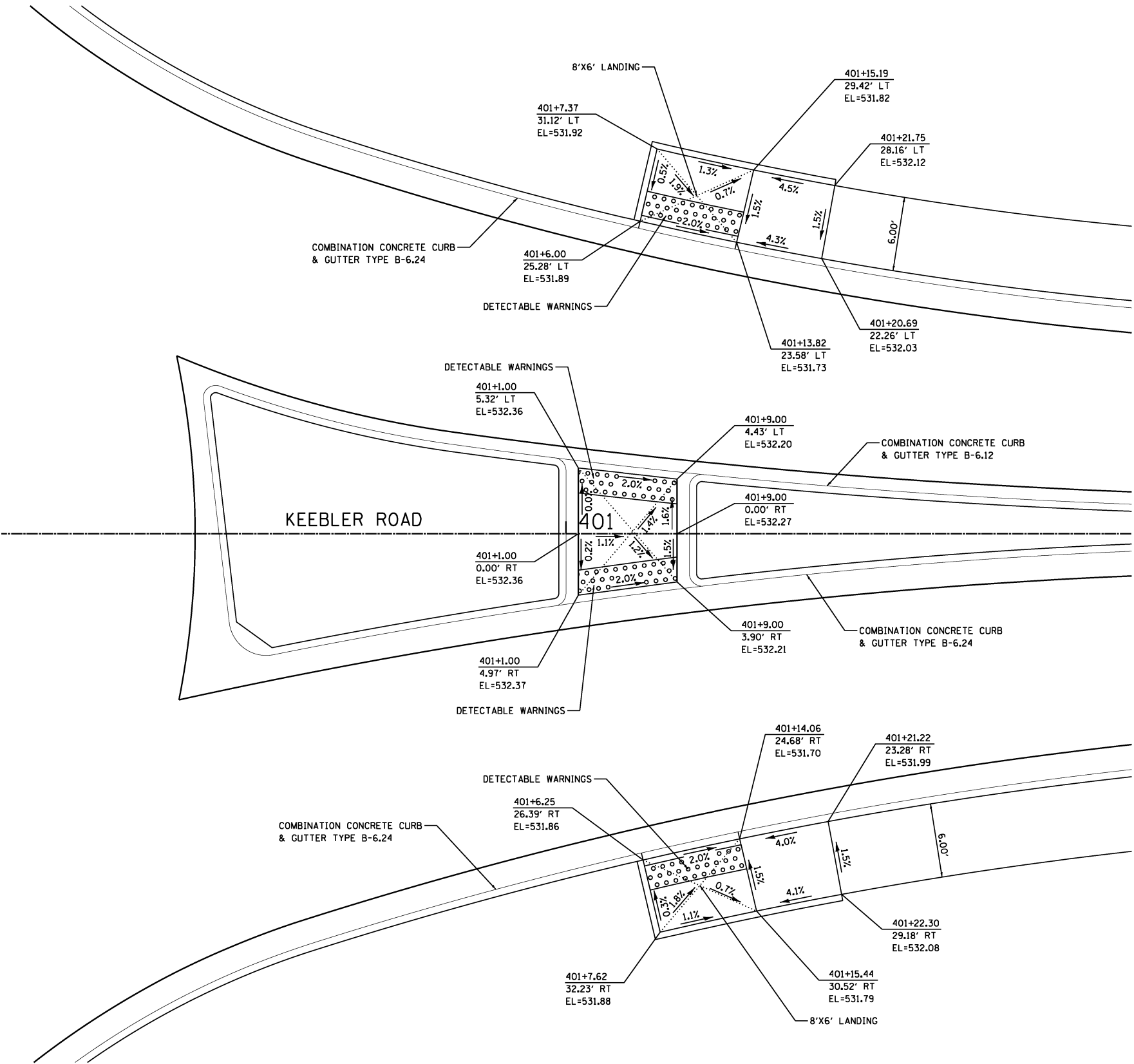


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	PLOT SCALE = 40.0000 ' / in.	DRAWN - RKR	REVISED -						9135	16-00015-02-PV	MADISON	71	53
	PLOT DATE = 6/20/2024	CHECKED - BFK	REVISED -		CONTRACT NO. 97708								
	DATE - 6/20/24	REVISED -	SCALE: 1"=20'		SHEET 3 OF 3 SHEETS	STA.	TO STA.						

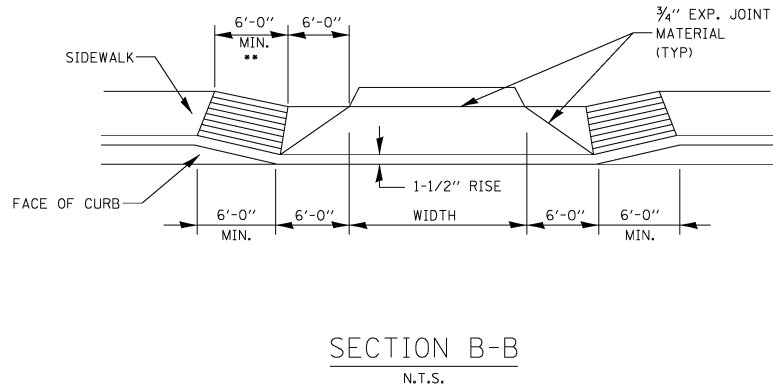
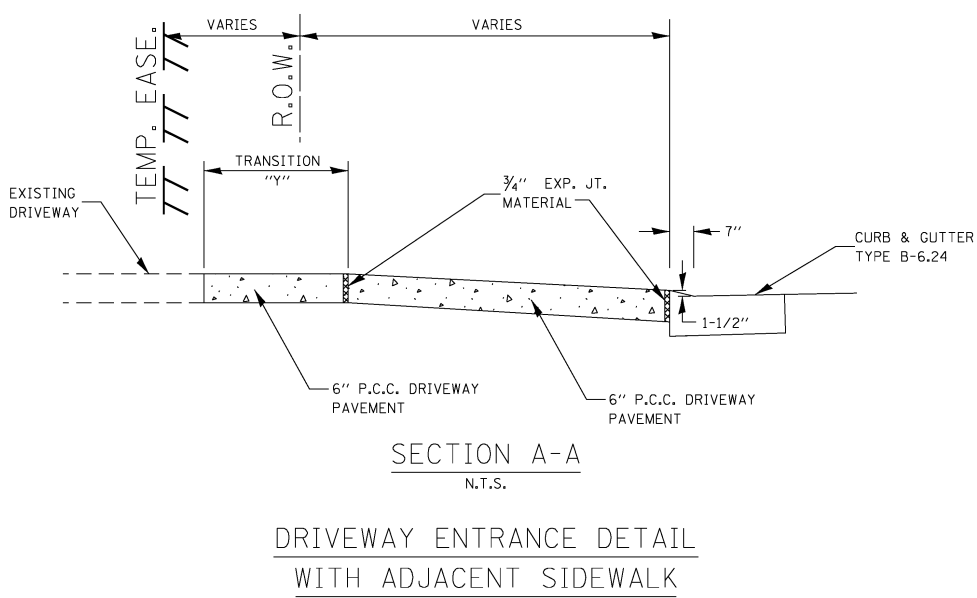
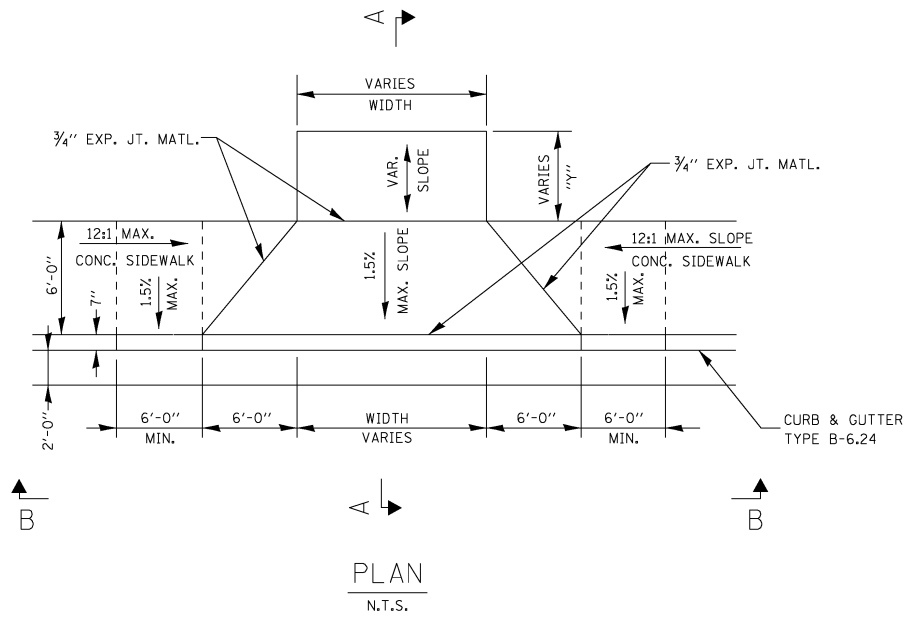


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NOTE BOOK NO.	DATE	BY	DATE	BY

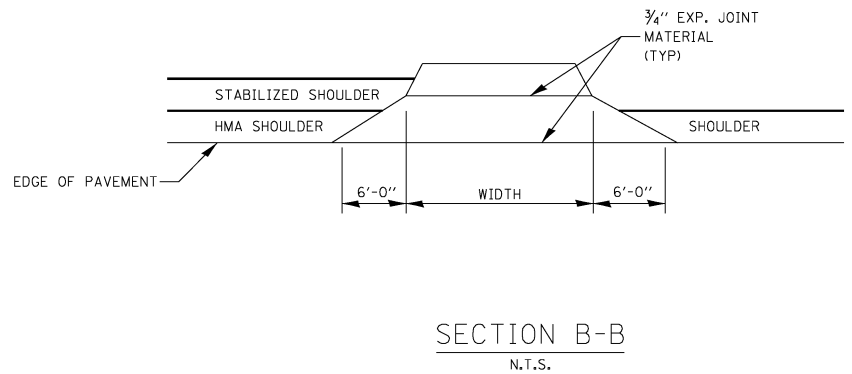
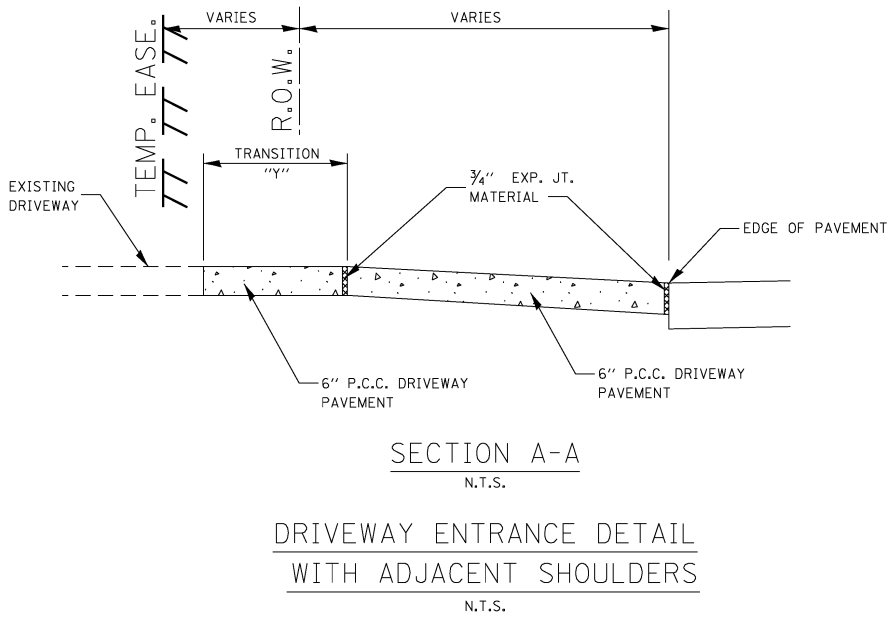
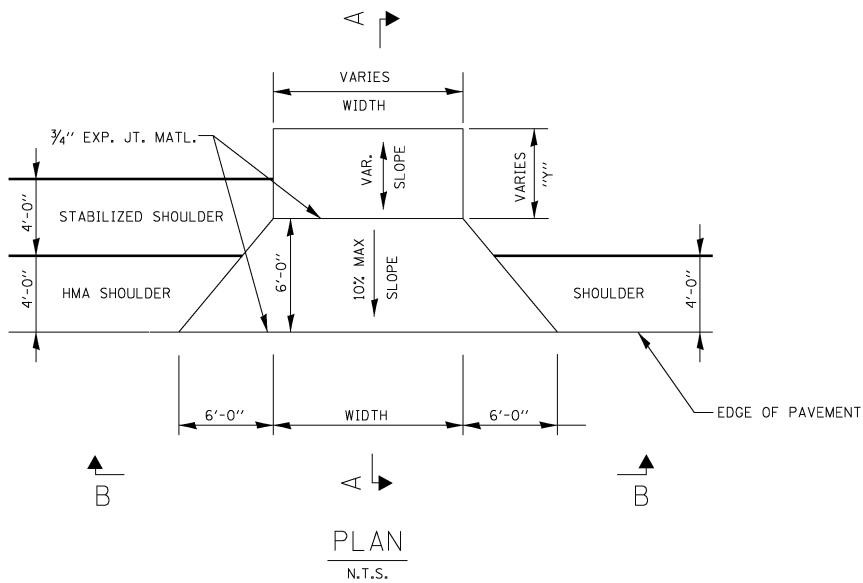
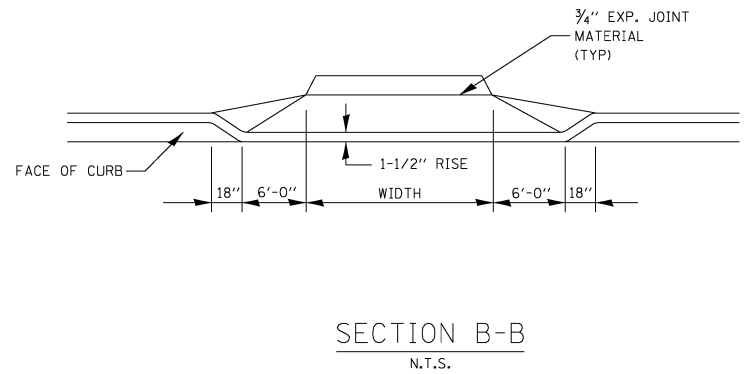
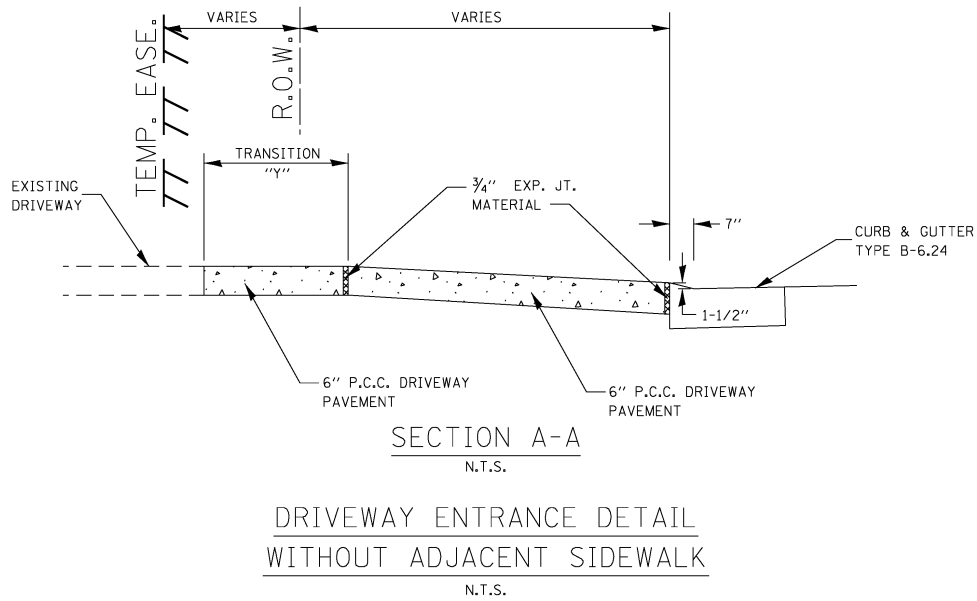
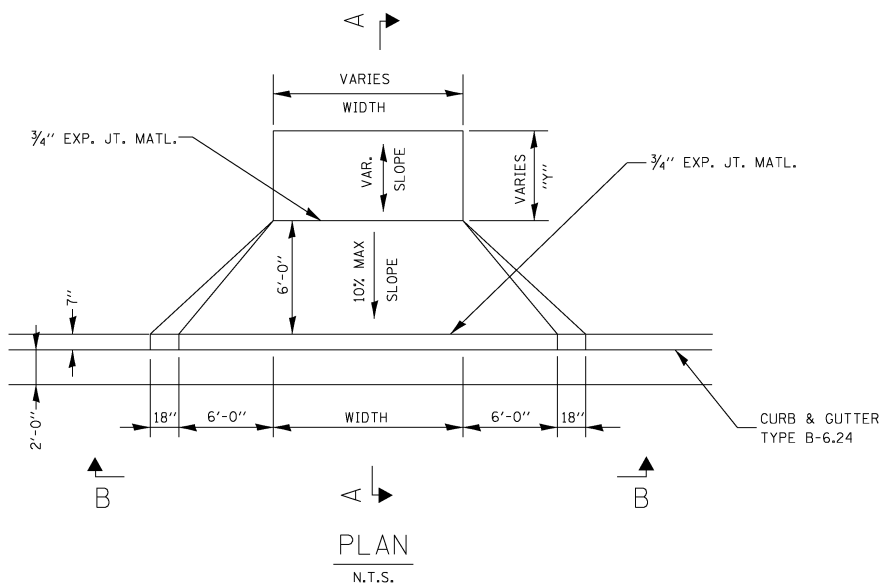
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NOTE BOOK NO.	DATE	BY	DATE	BY



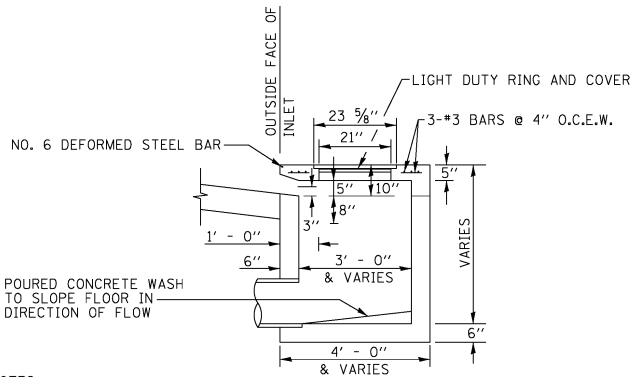
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		DRAWN - JJB	REVISED -					CONTRACT NO. 97708				
JUNEAU JOB NO. E160720	PLOT DATE = 7/17/2024	CHECKED - BFK	REVISED -		SCALE: 1"=5'	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				



•• SLOPE SIDEWALK AT A 12:1 MAXIMUM
TO MATCH DRIVEWAY APRON ELEVATION
(TYPICAL BOTH SIDES)

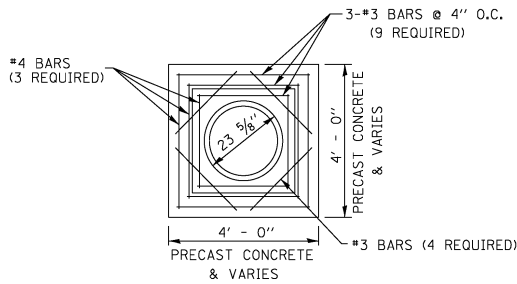


FILE NAME = entrance details.dgn JUNEAU JOB NO. E160720	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDBOUT MARYVILLE, ILLINOIS	ENTRANCE DETAILS			F.A.P. RTE. 586	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 55
		DRAWN - RKR	REVISED -									
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -									
	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -									
SCALE: N.T.S.			SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	CONTRACT NO. 97708					
ILLINOIS FED. AID PROJECT												



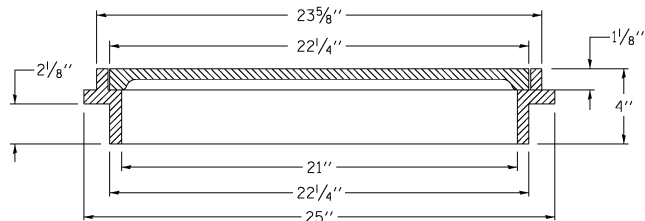
NOTES:
REINFORCING BARS USED IN THE INLET SHALL BE #4 BARS @ 10" O.C. BOTH WAYS.

SECTION A-A
N.T.S.

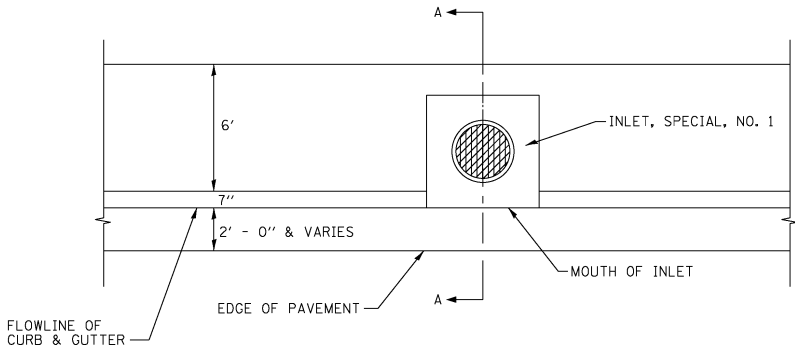


CONCRETE LID PLAN
N.T.S.

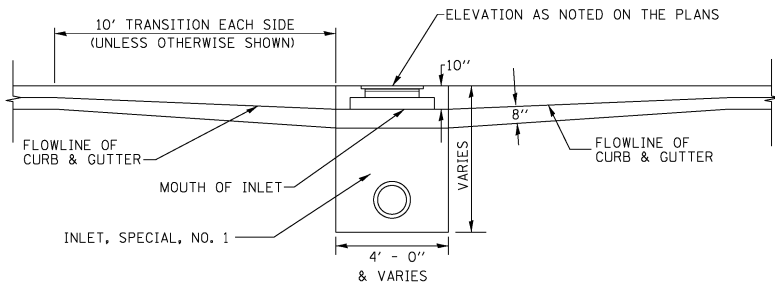
INLET TYPE	INSIDE WIDTH	LID TYPE
INLETS, SPECIAL, NO. 1	3 X 3	NORMAL



LIGHT DUTY RING AND COVER
N.T.S.



PLAN
N.T.S.



FRONT ELEVATION
N.T.S.

INLET WALL	
TYPE	THICKNESS
PRECAST CONCRETE	6"
CAST-IN-PLACE CONCRETE	6"

NOTES:
REINFORCING BARS, CLASS "PC" CONCRETE, CAST IRON RING AND COVER, AND ALL MATERIAL AND LABOR SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "INLET, SPECIAL" COMPLETE AND IN PLACE.

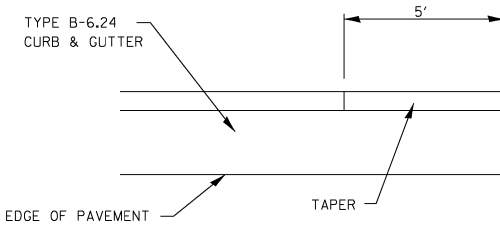
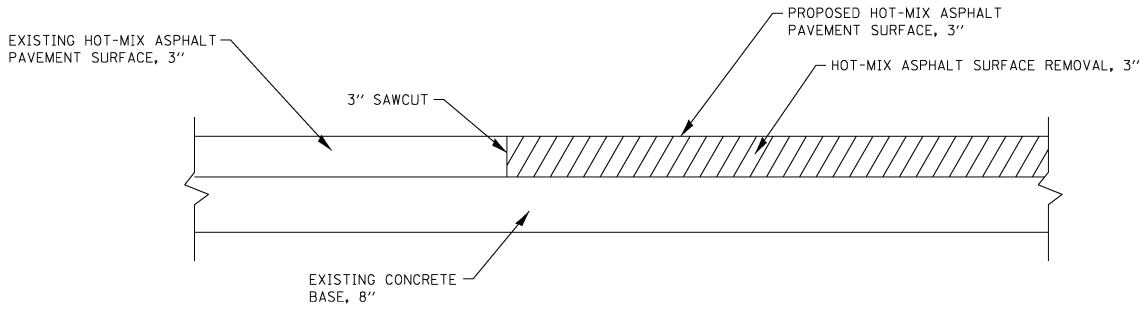
THE TOPS OF ALL INLETS WHICH ARE LOCATED IN CURVES SHALL BE CONSTRUCTED TO CONFORM TO THE RADIUS OF THE CURVE.

THE INLET SHALL BE A CATCH BASIN W/FLAT LID OR SIMILAR BASED ON STRUCTURE SIZE.

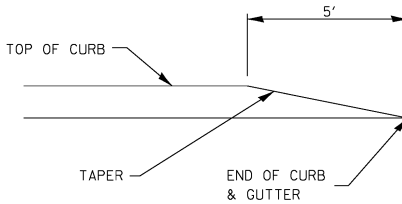
THE INLET LID AS WELL AS THE RING AND COVER USED SHALL BE ACCORDING TO THE DETAILS AS SHOWN IN THE PLANS.

DETAILS FOR THE INLET, SPECIAL AS SHOWN ABOVE ARE BASED UPON INSIDE DIMENSIONS OF 3'X3'.

INLETS, SPECIAL, NO. 1
N.T.S.

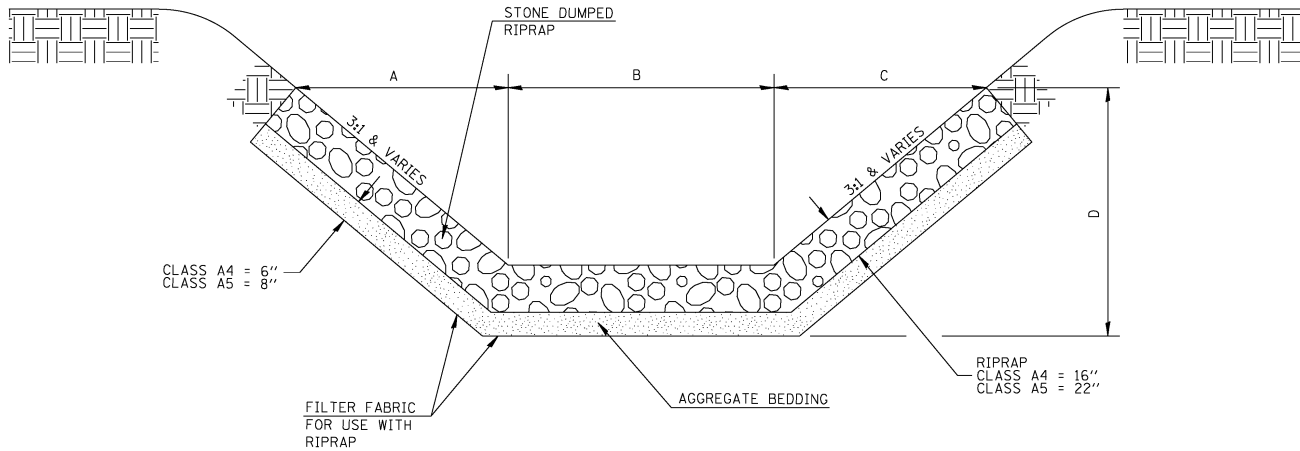


PLAN
N.T.S.

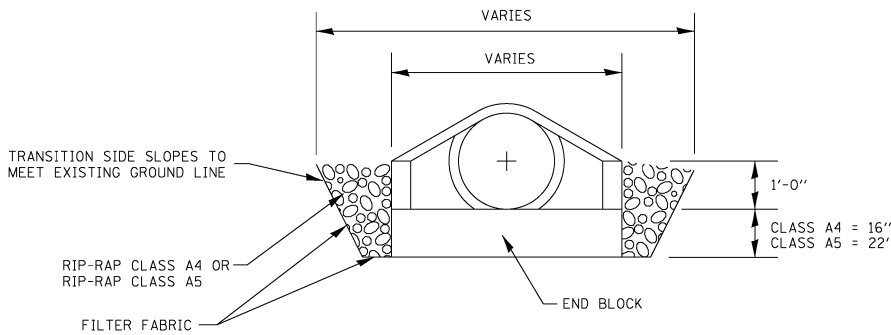


ELEVATION
N.T.S.

CURB AND GUTTER TERMINI
N.T.S.



STONED DUMPED RIPRAP DITCH LINING
N.T.S.



RIP-RAP DETAIL
STORM SEWER OUTFALL
N.T.S.

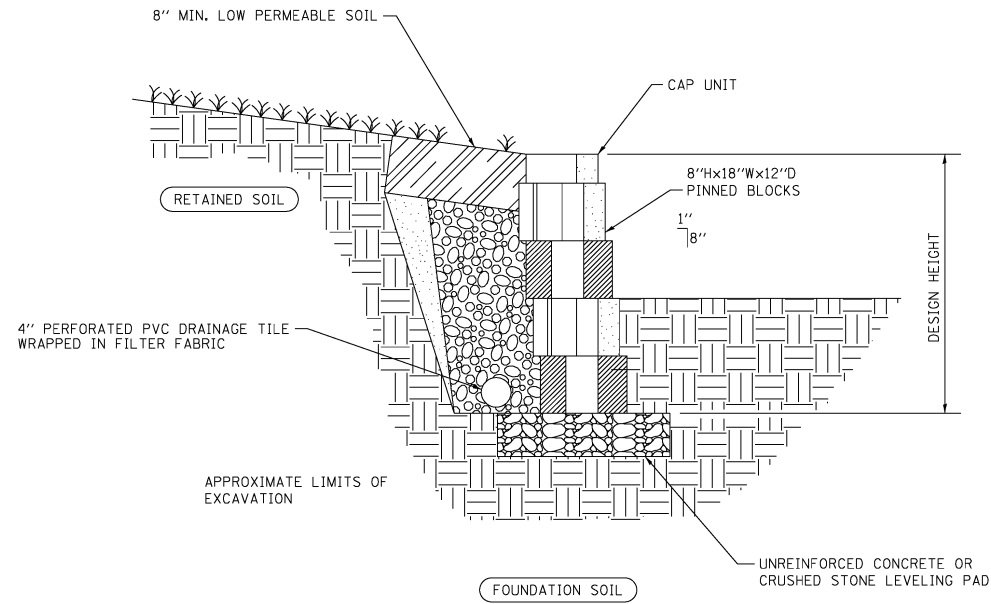
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		DRAWN - RKR	REVISED -
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		DATE - 6/20/24	REVISED -

STATE ROUTE 162 & KEEBLER ROAD
ROUNDAABOUT
MARYVILLE, ILLINOIS

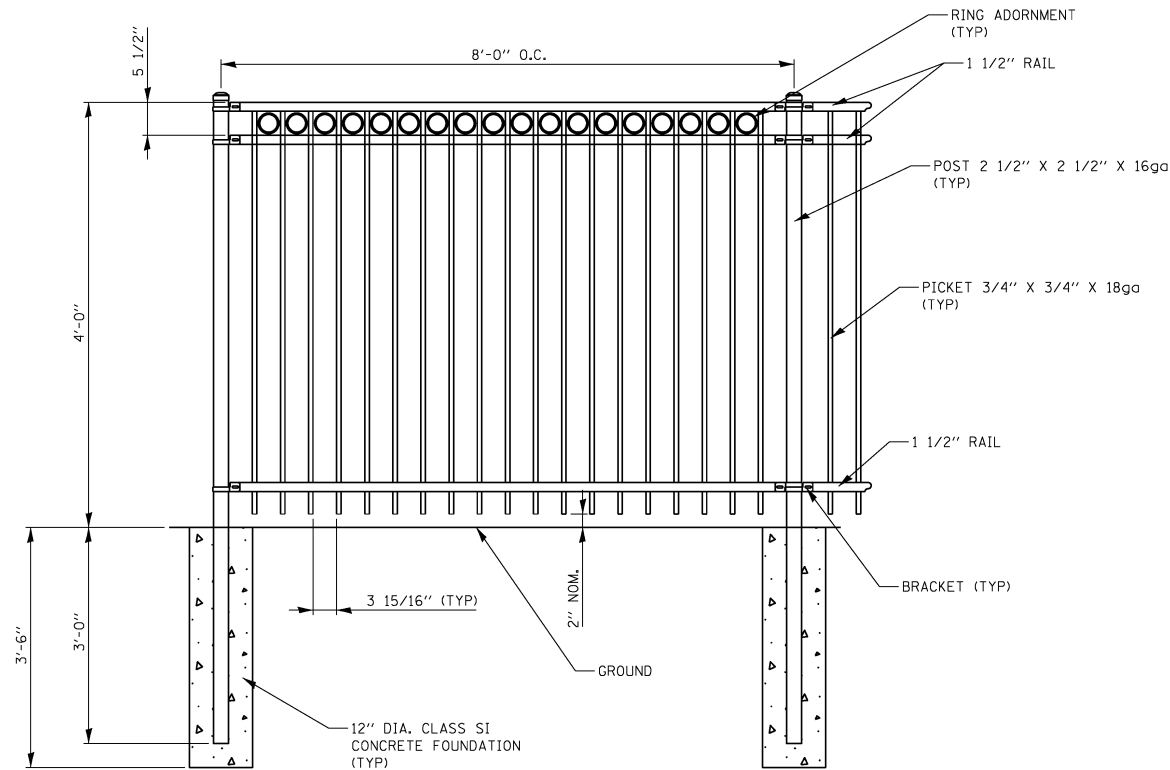
MISCELLANEOUS DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	56
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				

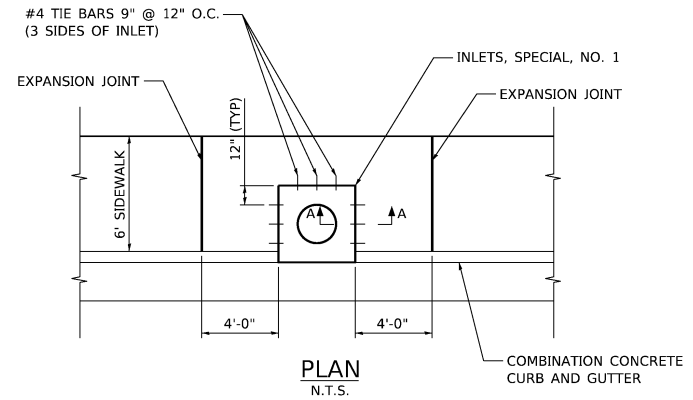


SEGMENTAL CONCRETE BLOCK WALL
N.T.S.

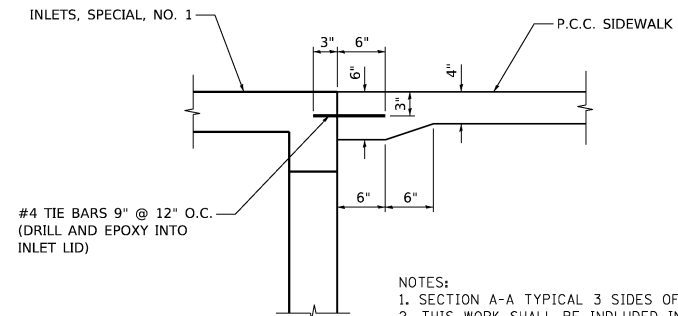


NOTE: ALL STEEL TO BE GALVANIZED BY THE HOT-DIP PROCESS
AND COATED WITH EPOXY PRIMER AND BLACK ACRYLIC TOP COAT.

ORNAMENTAL FENCE
N.T.S.



PLAN
N.T.S.



NOTES:
1. SECTION A-A TYPICAL 3 SIDES OF INLET
2. THIS WORK SHALL BE INCLUDED IN THE COST OF
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH.

SECTION A-A
N.T.S.

INLET AND SIDEWALK TIE DETAIL
N.T.S.

FILE NAME = misc.details.dgn JUNEAU JOB NO. E160720	USER NAME = ramesh PLOT SCALE = 40.0000' / in. PLOT DATE = 7/17/2024	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDBOUT MARYVILLE, ILLINOIS	MISCELLANEOUS DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RKR	REVISED -					586	16-00015-02-PV	MADISON	71	57
		CHECKED - BFK	REVISED -		SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 97708				
		DATE - 7/17/24	REVISED -					ILLINOIS FED. AID PROJECT				

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

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

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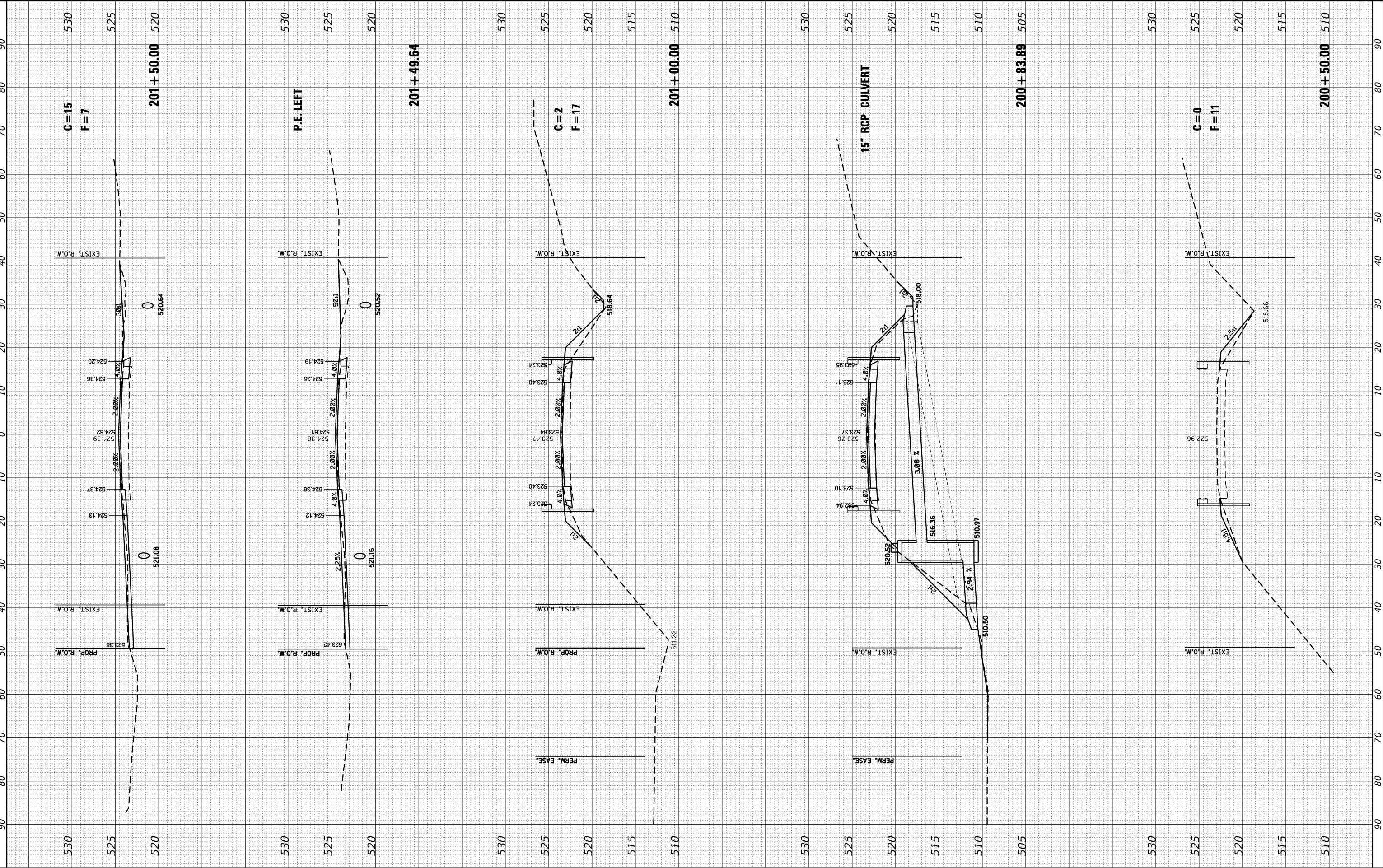
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PLOT DATE = 6/20/2024	CHECKED - BFK	REVISED -
	DATE - 6/20/24	REVISED -

STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS

STATE ROUTE 162
CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 1 OF 5 SHEETS STA. 200+50.00 TO STA. 201+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	58
				CONTRACT NO. 97708
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL Default

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JUNEAU JOB NO. E160720

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PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 6/20/2024

DESIGNED	-	BFK
DRAWN	-	RKR
CHECKED	-	BFK
DATE	-	6/20/24

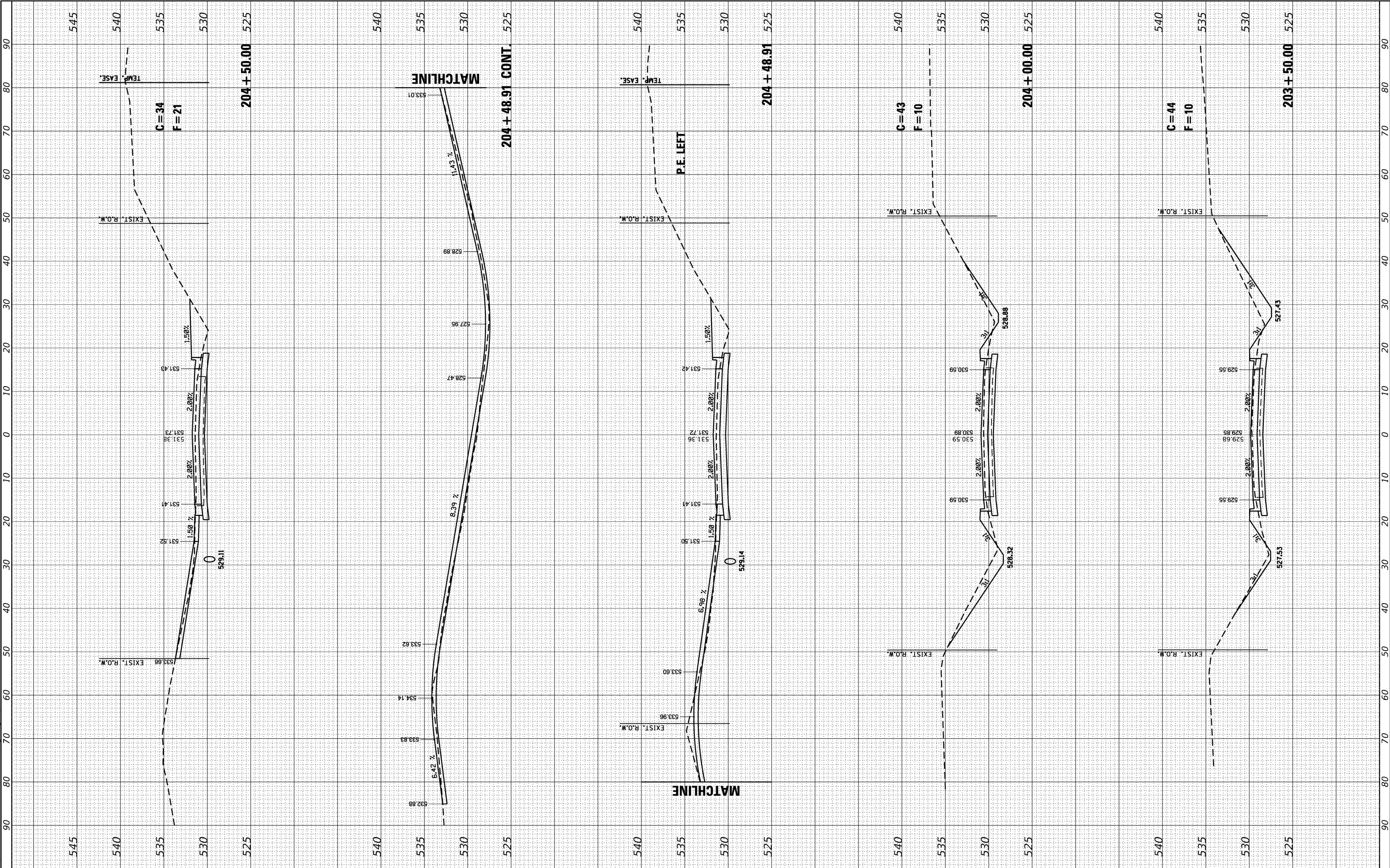
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REVISED	-
REVISED	-
REVISED	-

STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS

STATE ROUTE 162
CROSS SECTIONS

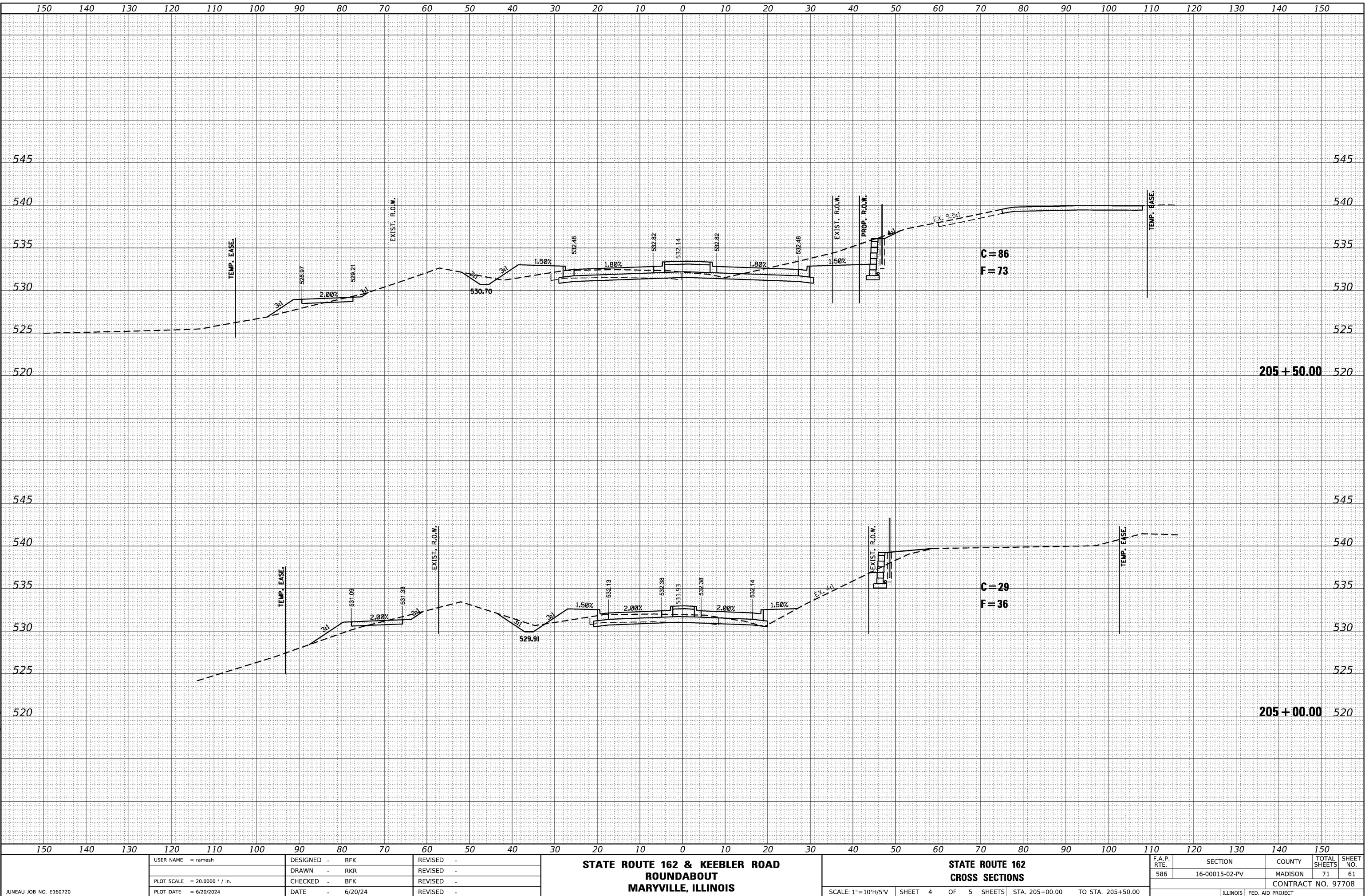
SCALE: 1"=10'H/5'V SHEET 3 OF 5 SHEETS STA. 203+50.00 TO STA. 204+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	60
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



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

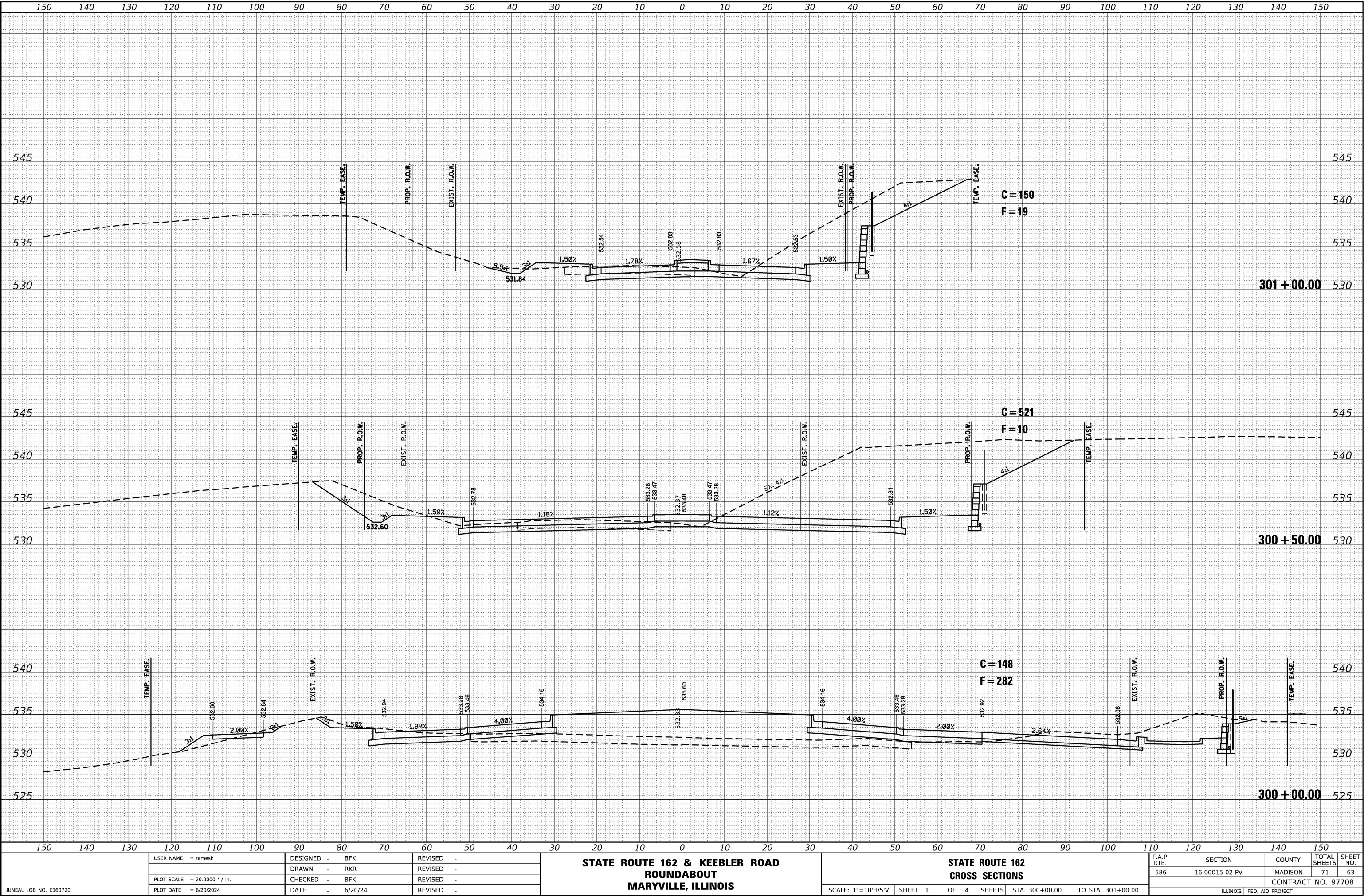
JUNEAU JOB NO. E160720



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

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

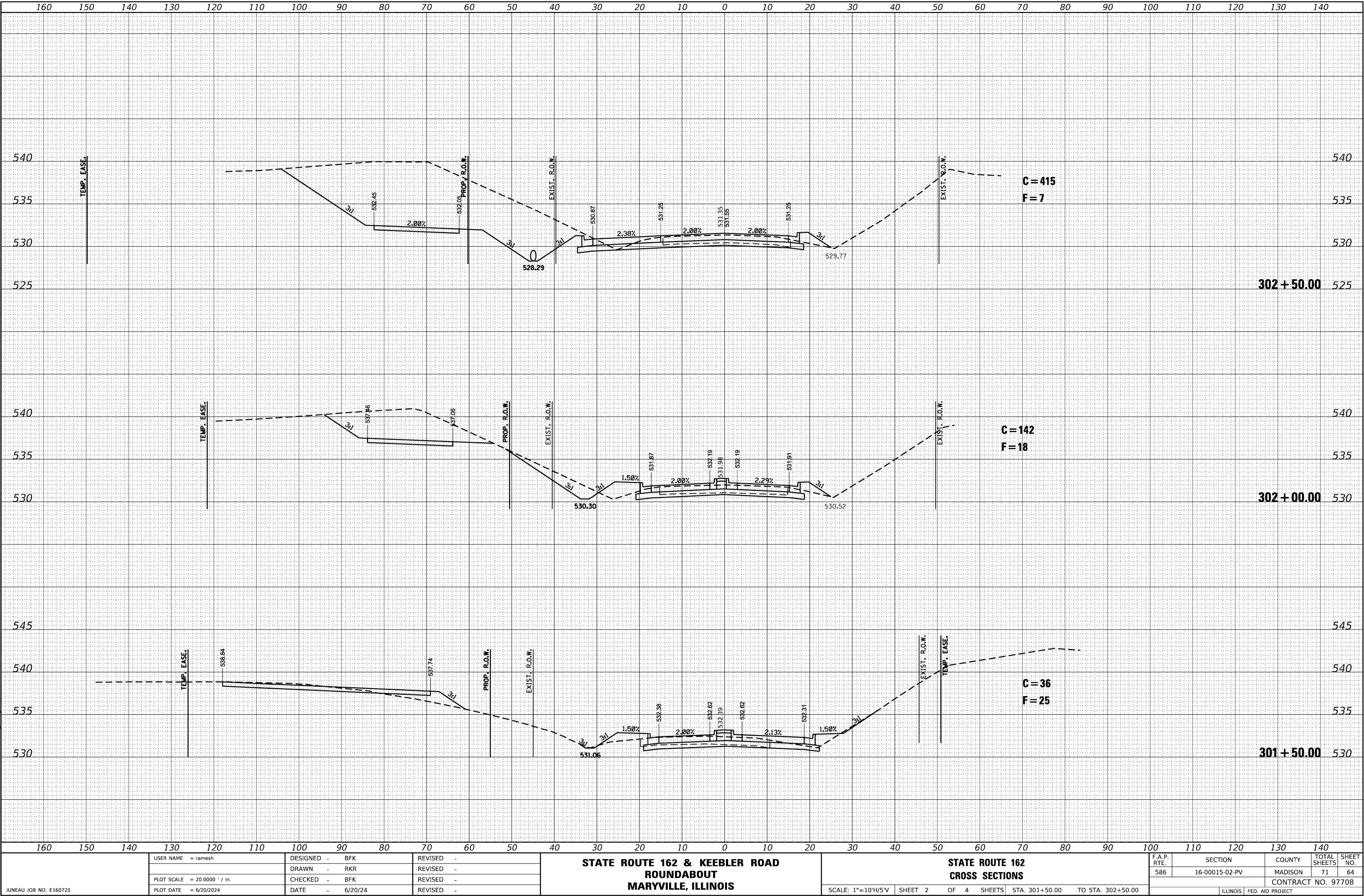
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NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

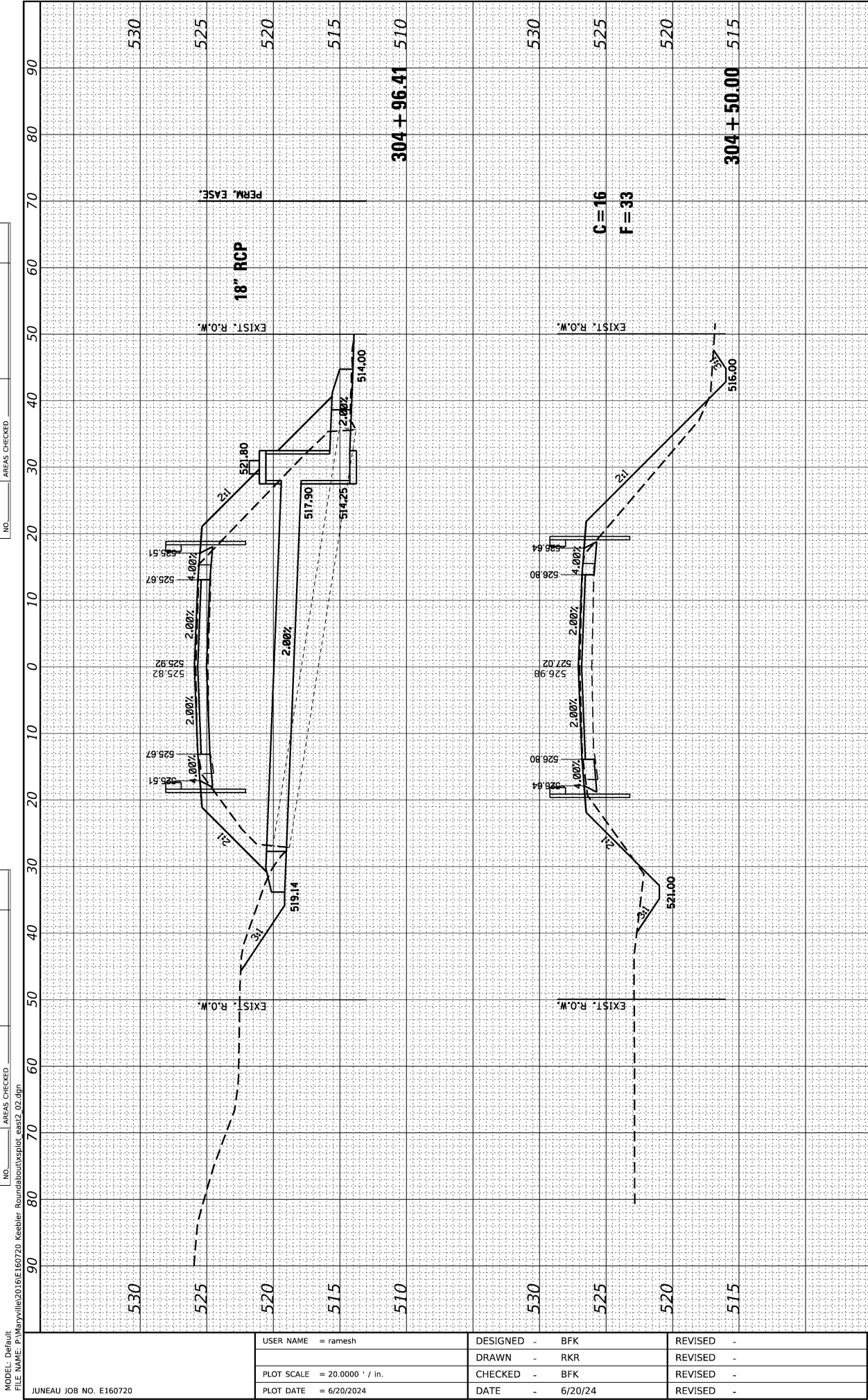
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NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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



STATE ROUTE 162 & KEEBLER ROAD
ROUNDAABOUT
MARYVILLE, ILLINOIS

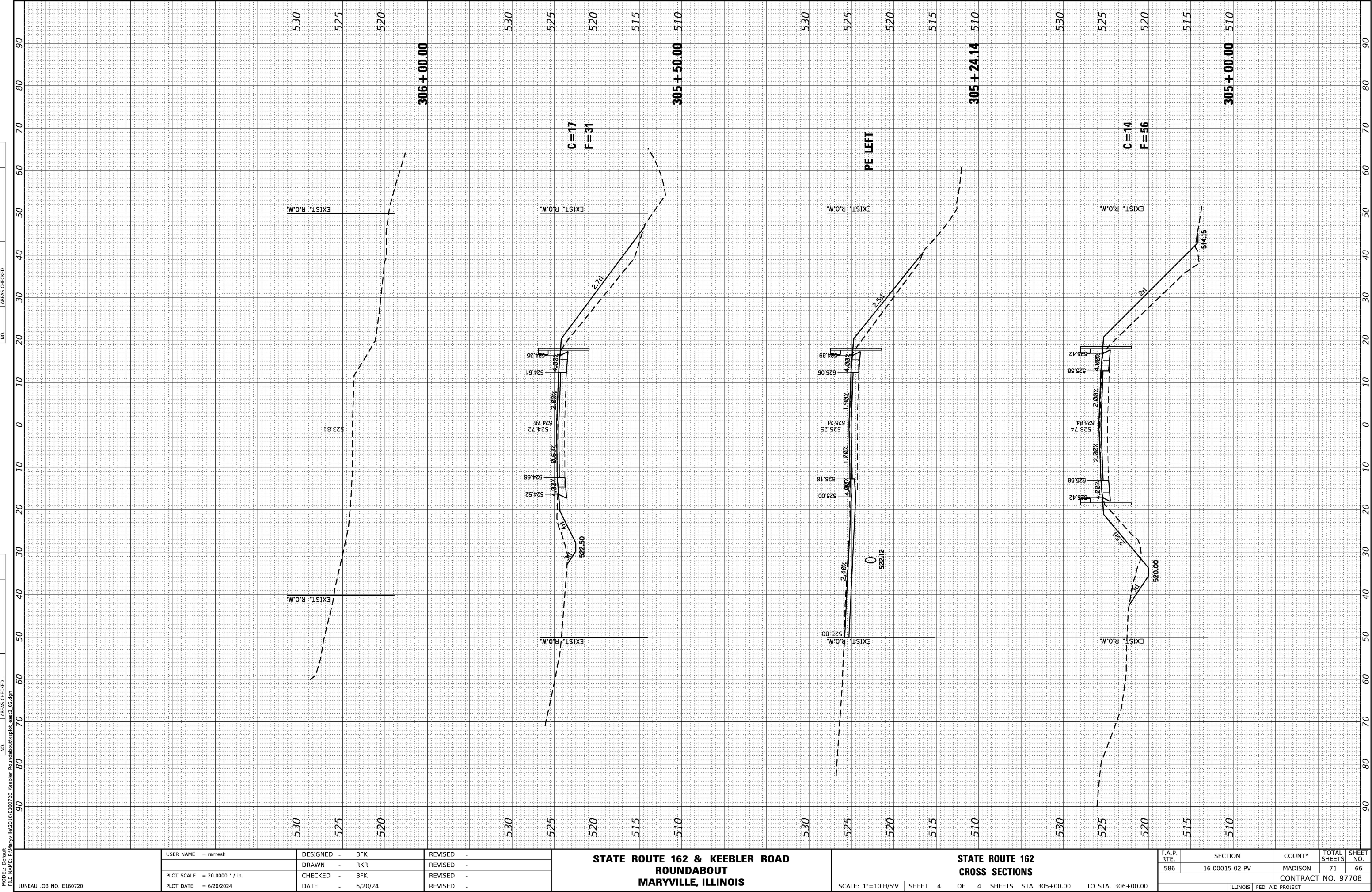
STATE ROUTE 162
CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 3 OF 4 SHEETS STA. 302+83.80 TO STA. 304+96.41

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	65
				CONTRACT NO. 97708
		ILLINOIS	FED. AID PROJECT	

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

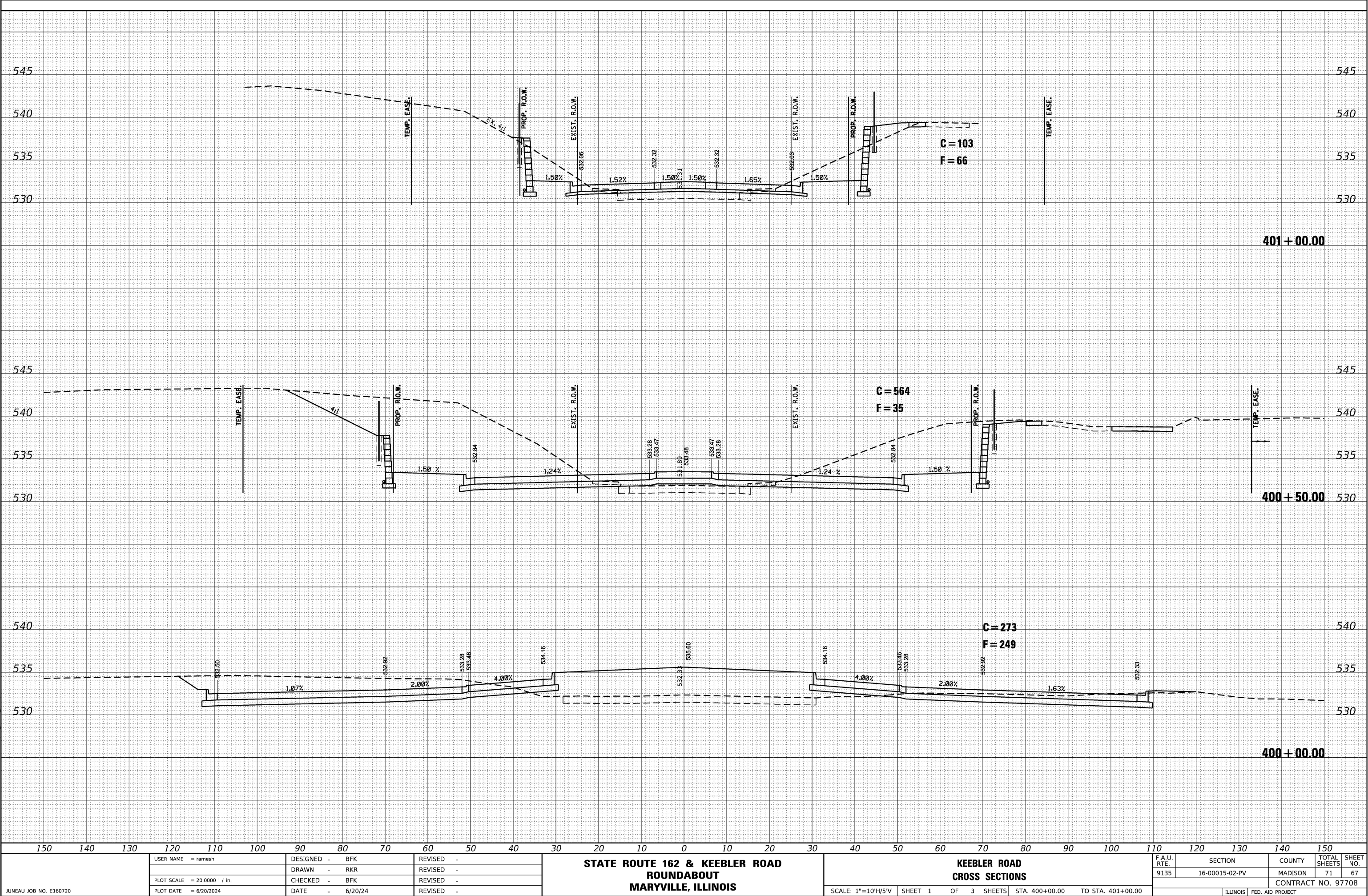
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FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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

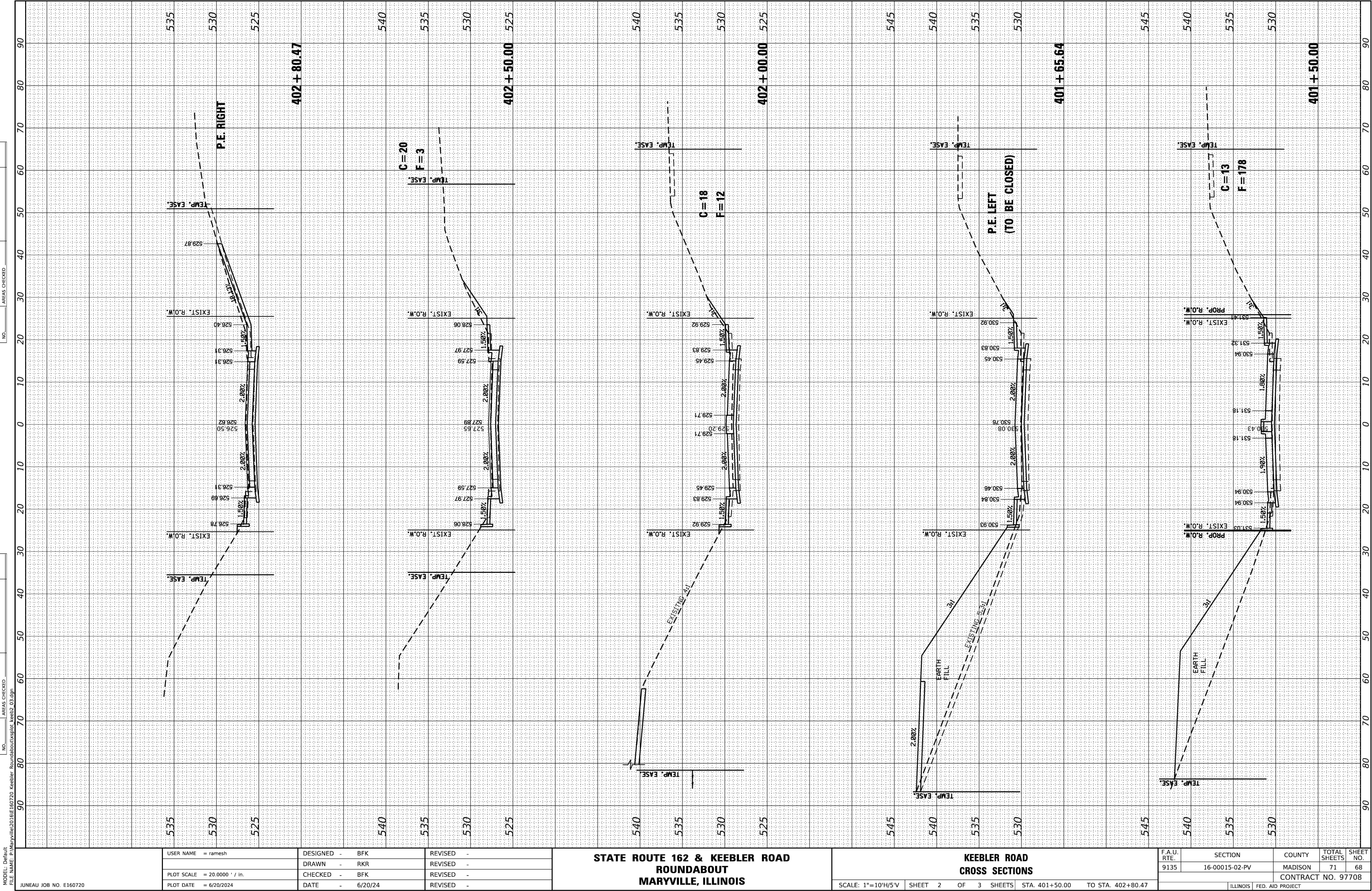
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JUNEAU JOB NO. E160720				STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS				KEEBLER ROAD CROSS SECTIONS				F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 9135 16-00015-02-PV MADISON 71 67 CONTRACT NO. 97708			
USER NAME = ramesh				DESIGNED - BFK				SCALE: 1"=10'H/5'V				ILLINOIS FED. AID PROJECT			
DRAWN - RKR				REVISD -				SHEET 1 OF 3 SHEETS							
PLOT SCALE = 20.0000 ' / in.				CHECKED - BFK				STA. 400+00.00 TO STA. 401+00.00							
PLOT DATE = 6/20/2024				DATE - 6/20/24											
				REVISED -											
				REVISED -											
				REVISED -											
				REVISED -											

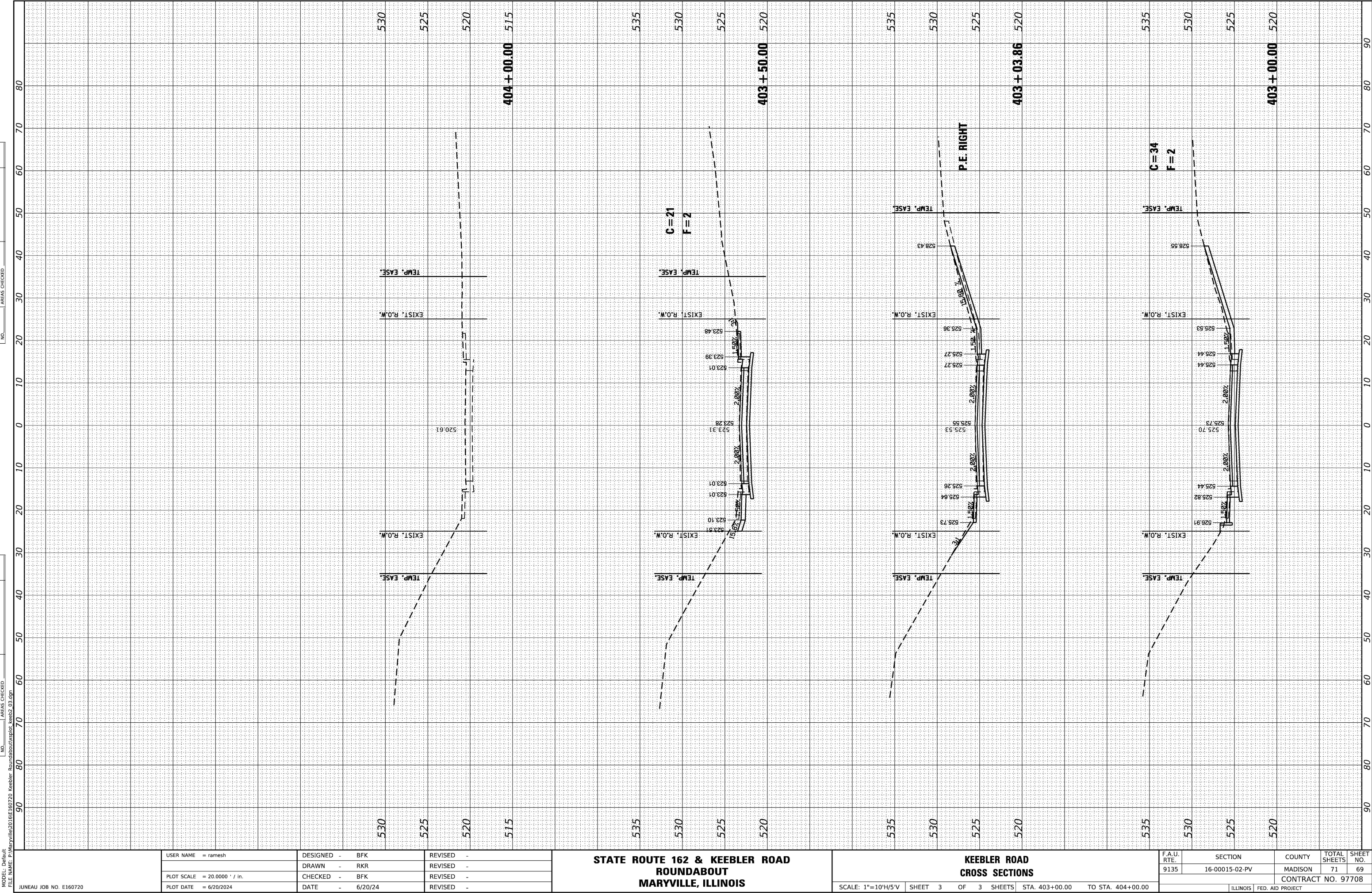
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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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



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

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



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

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

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JUNEAU JOB NO. E160720

USER NAME	= ramesh
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 6/20/2024

DESIGNED	- BFK
DRAWN	- RKR
CHECKED	- BFK
DATE	- 6/20/24

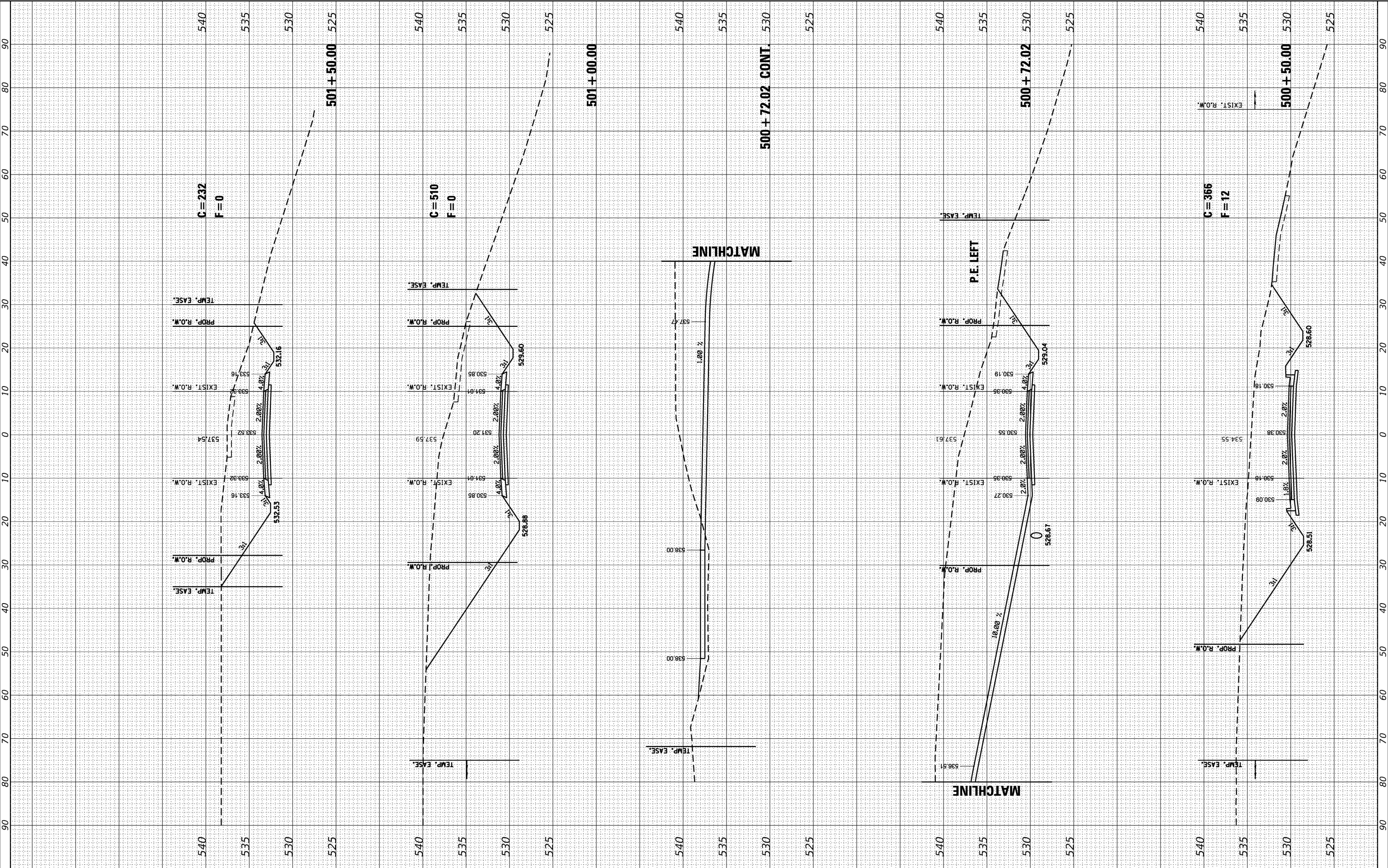
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REVISED	-

STATE ROUTE 162 & KEEBLER ROAD
ROUNDBOUT
MARYVILLE, ILLINOIS

BUNKUM PLACE
CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 1 OF 2 SHEETS STA. 500+50.00 TO STA. 501+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	70
		CONTRACT NO. 97708		
		ILLINOIS	FED. AID PROJECT	

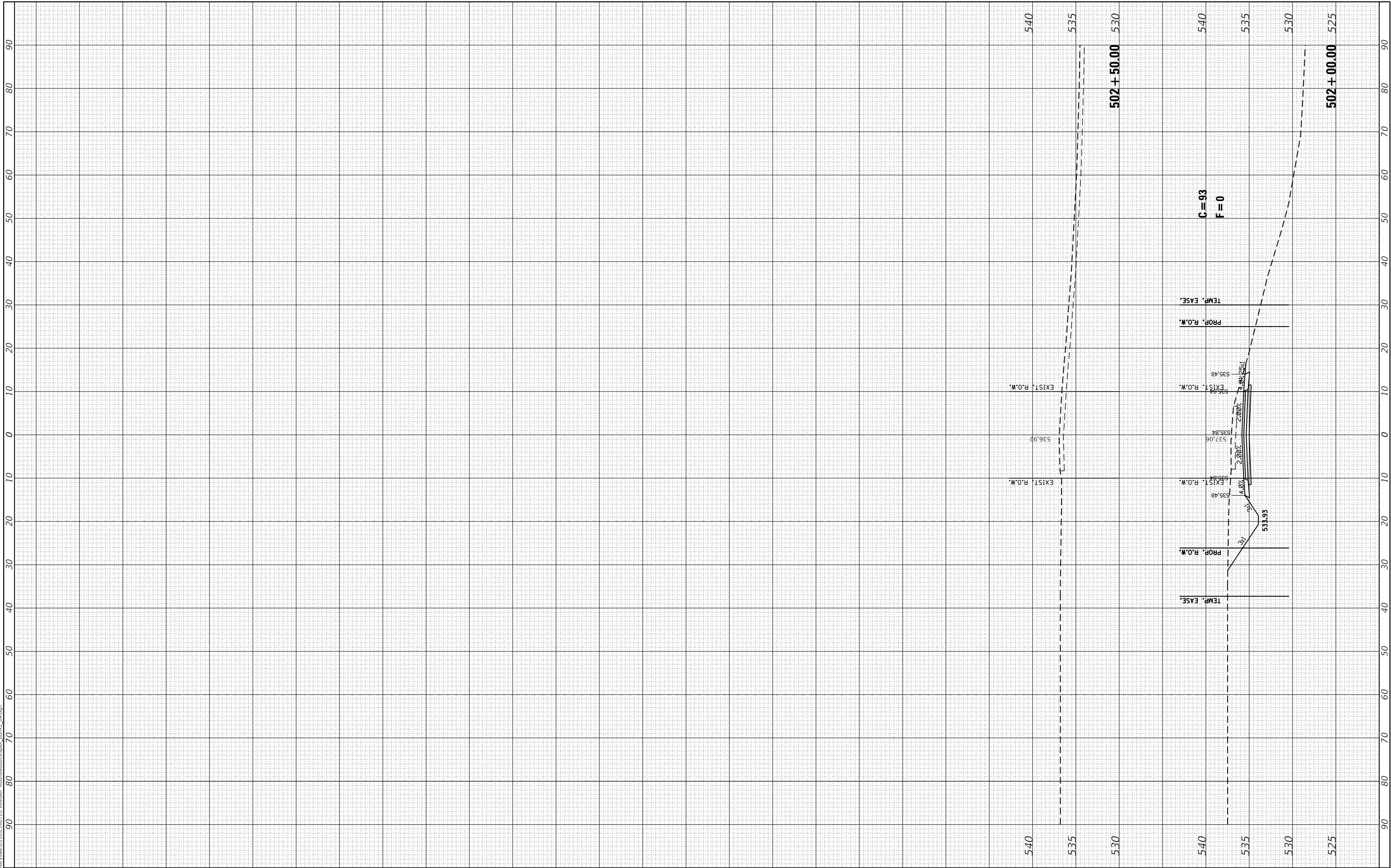


FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

ORIGINAL SURVEY			DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		
NO.			

MODEL: Default
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JUNEAU JOB NO. E160720	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDAABOUT MARYVILLE, ILLINOIS	BUNKUM PLACE CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RKR	REVISED -						586	16-0015-02-PV	MADISON	71	71
	PLOT SCALE = 20.0000 ' / in.	CHECKED - BFK	REVISED -						CONTRACT NO. 97708				
	PLOT DATE = 6/20/2024	DATE - 6/20/24	REVISED -		SCALE: 1"=10'H/5'V	SHEET 2 OF 2 SHEETS	STA. 502+00.00 TO STA. 502+50.00				ILLINOIS FED. AID PROJECT		