

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

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	

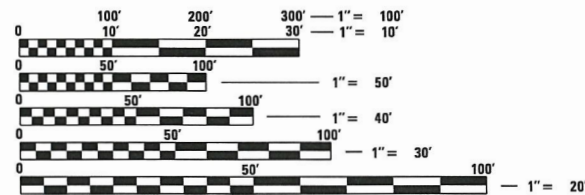
INDEX OF SHEETS

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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	630001-12	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	701901-08	

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

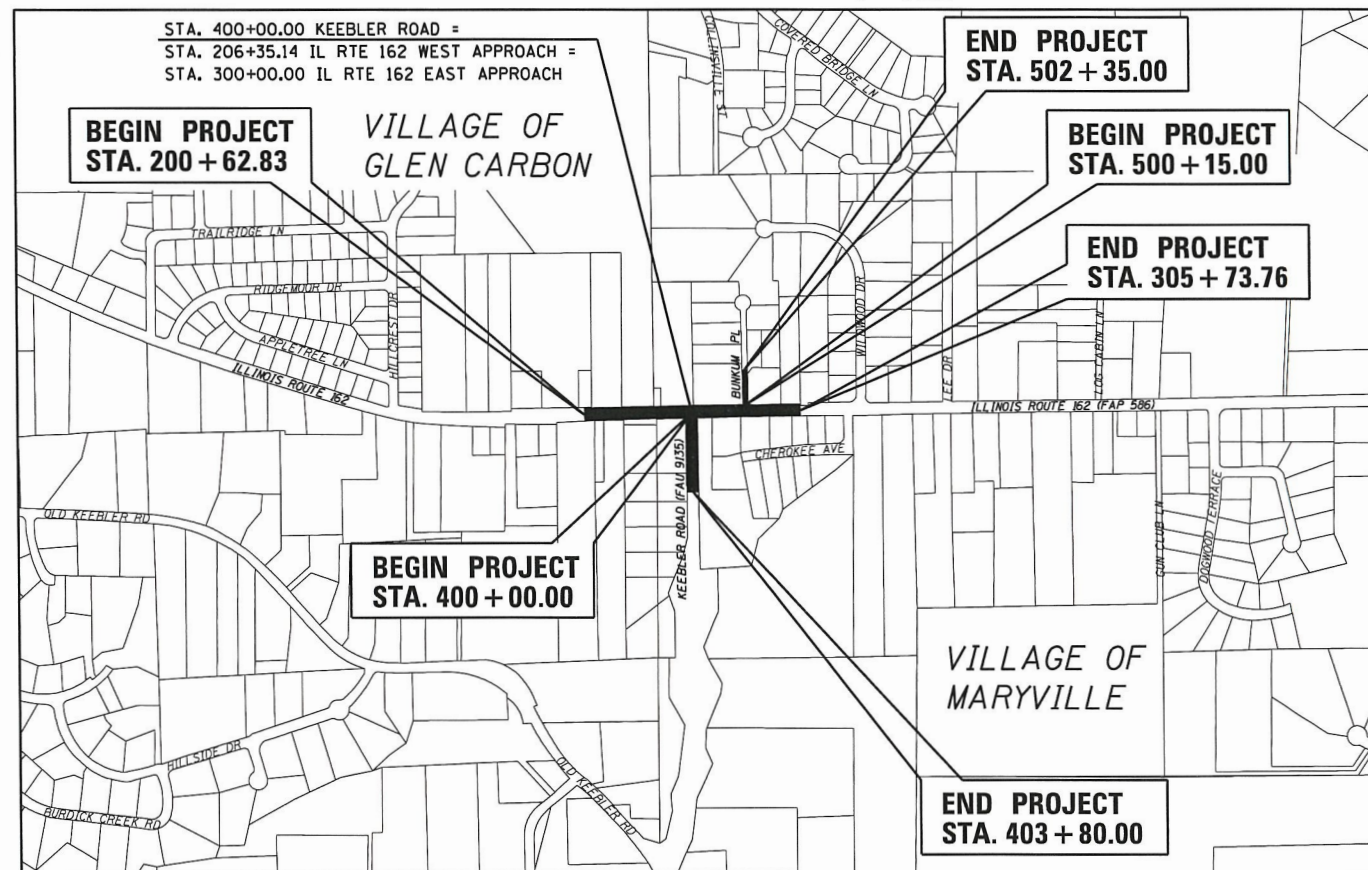


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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 (2019) 10,340 (2039)
DHV: 1,034 (2039)
DESIGN SPEED: 50 MPH

DESIGN DESIGNATION FOR KEEBLER ROAD
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
ADT: 5,130 (2019) 6,250 (2039)
DHV: 625 (2039)
DESIGN SPEED: 40 MPH



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.



Expires 02-28-22

VILLAGE OF MARYVILLE

Approved: *Craig Short* 11/22/2021
Date: 11/22/2021
Craig Short
Village of Maryville, Mayor

Passed: *[Signature]* 11-4-2021
District 8 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *[Signature]* 11-4-2021
Region 5 Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

Brian F. Kulick 11/22/21
DATE: 11/22/21
BRIAN F. KULICK, P.E. No. 49936
Job No. E160720



































2100 State Street, P.O. Box 1325
Granite City, IL 62040
618-877-1400 F. 618-452-5541

100 North Research Drive
Edwardsville, IL 62025
618-659-0900 F. 618-659-0941

330 N. Fourth Street, Suite 200
St. Louis, MO 63102
314-241-4444 F. 314-909-1331

Professional Design Firm License No. 184.003389

LEGEND

 5"	EVERGREEN (5" DIA)		FOUND CONCRETE MONUMENT		WATER LINE
 8"	DECIDUOUS (8" DIA)	 WM	WATER METER		GAS LINE
	SHRUB	 GM	GAS METER		OVERHEAD ELECTRIC LINE
	FIRE HYDRANT	 WV	WATER VALVE		TELEPHONE LINE
	SIGN	 GV	GAS VALVE		CABLE TV LINE
	BOLLARD	(TBA)	TO BE ADJUSTED		STORM SEWER
	POWER POLE	(TBR)	TO BE REMOVED		SANITARY SEWER
	POWER POLE WITH DOWN GUY	(TBR&R)	TO BE REMOVED & RELOCATED		LIGHT POLE
	FENCE	(TBR&RBO)	TO BE REMOVED & RELOCATED BY OTHERS		STORM SEWER MANHOLE
	BENCH MARK	DND	DO NOT DISTURB		SANITARY SEWER MANHOLE
	DITCH/SWALE		PROPERTY LINE		CATCH BASIN
	EXISTING MAILBOX		EXIST R.O.W. LINE		INLET
			WOOD POST		

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 TELEPHONE
160 W. DIVISION STREET
MARYVILLE, ILLINOIS 62062
(618) 346-6426
ATTN: KEVIN URBANEK
- AMEREN IP GAS
2600 N. CENTER STREET
P.O. BOX 378, MC 0-10
MARYVILLE, ILLINOIS 62062
(618) 346-1270
ATTN: ANDY PARKER
- AMEREN IP ELECTRIC
2600 N. CENTER STREET
CM ENGR SPT A - D5
MARYVILLE, ILLINOIS 62062
(618) 346-1224
ATTN: JUSTIN JOSTES
- VILLAGE OF MARYVILLE WATER, STORM AND SANITARY SEWERS
2520 N. CENTER STREET
MARYVILLE, ILLINOIS 62062
(618) 345-7074
ATTN: MAT HOFFMAN
- CHARTER COMMUNICATIONS CABLE TELEVISION
101 NORTHWEST PLAZA DR.
ST. ANN, MISSOURI 63074
(636) 387-6633
- SOUTHWEST ELECTRIC COOP. ELECTRIC
10031 ELLIS ROAD
ST. JACOB, IL 62281
(800) 631-8667 EXT 4214
ATTN: VINCENT SANVI
- NATURAL GAS PIPELINE GAS
7501 HUEY ROAD
CENTRALIA, IL 62801
(618) 495-2211
ATTN: ROBERT MOODY
- ILLINOIS AMERICAN WATER COMPANY WATER
100 N. WATER WORKS DRIVE
BELLEVILLE, IL 62223
(618) 875-0011
ATTN: DARRELL TYLER

(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 SEPERATELY 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)

EARTHWORK AND MATERIAL REQUIRED IN CONNECTION WITH BACKFILLING BEHIND CURBS, SIDEWALKS, AND DRAINAGE STRUCTURES SHALL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF THE SPECIFIC ITEM OF WORK INVOLVED AND NO ADDITIONAL COMPENSATION OR REMUNERATION WILL BE ALLOWED. GRADING AND SHAPING OF AREAS DISTURBED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL NOT BE AT ANY ADDITIONAL COST TO THE CONTRACT.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

IL 162 / KEEBLER ROAD ROUNDABOUT				
MIXTURE USE	SURFACE	BINDER	SHOULDER ≥ 2.25"	SHOULDER < 2.25"
AC / PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	•	•	•	•
DESIGN AIR VOIDS	4.0% Ndes=70	4.0% Ndes=70	4.0% Ndes=30	4.0% Ndes=30
MIX COMPOSITION				
(GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 19.0L	IL 9.5L
FRICITION AGG	MIXTURE C	MIXTURE B		MIXTURE C

• SEE SPECIAL PROVISION.

COMMITMENTS

NO COMMITMENTS.

FILE NAME = gennotes.dgn	USER NAME = ramesh	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.
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	DRAWN - RKR	REVISED -			586	16-00015-02-PV	MADISON	71	2
	PLOT DATE = 10/29/2021	CHECKED - BFK	REVISED -			CONTRACT NO. 97708		ILLINOIS FED. AID PROJECT		
		DATE - 06/29/21	REVISED -	SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.			

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
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	885
40600990	TEMPORARY RAMP	SQ YD	46
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	268
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	335
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	14

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
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
60500060	REMOVING INLETS	EACH	4

Δ SPECIALTY ITEMS

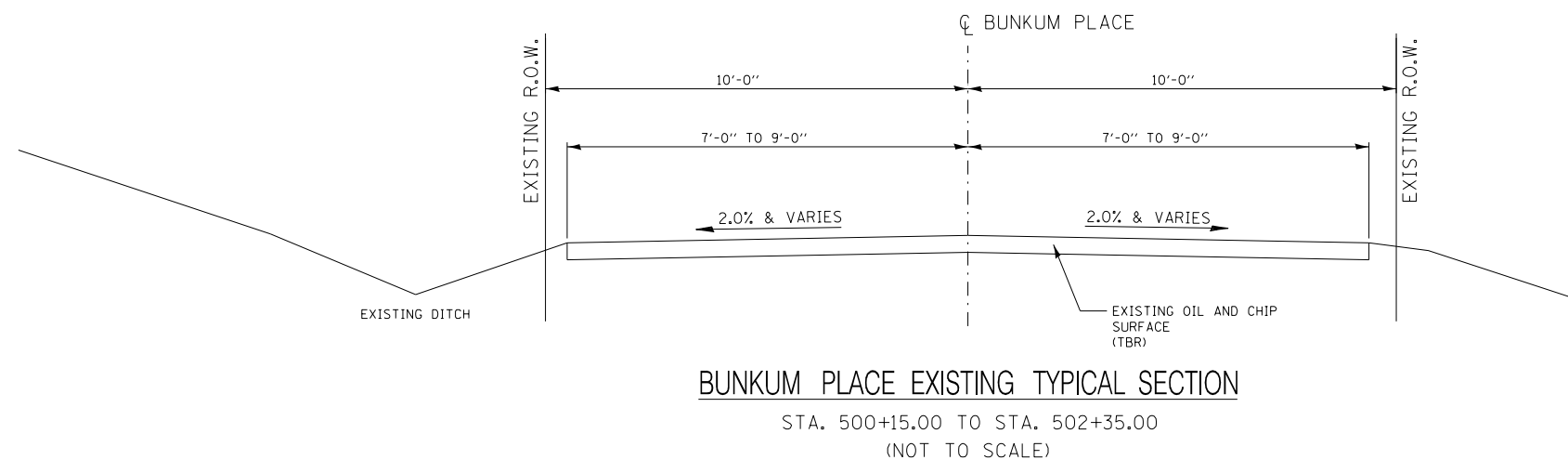
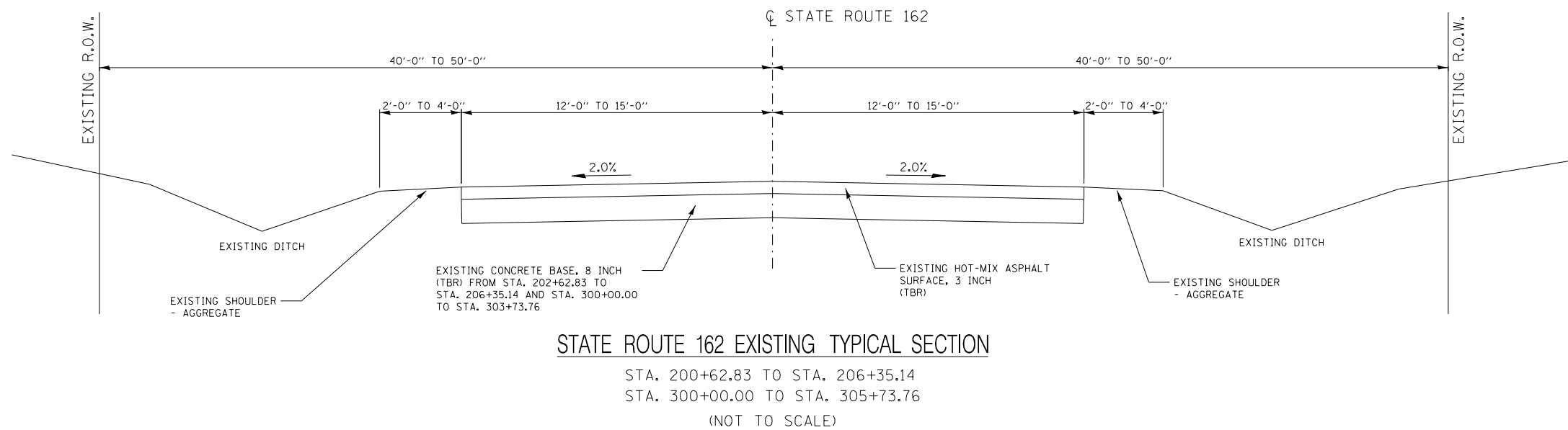
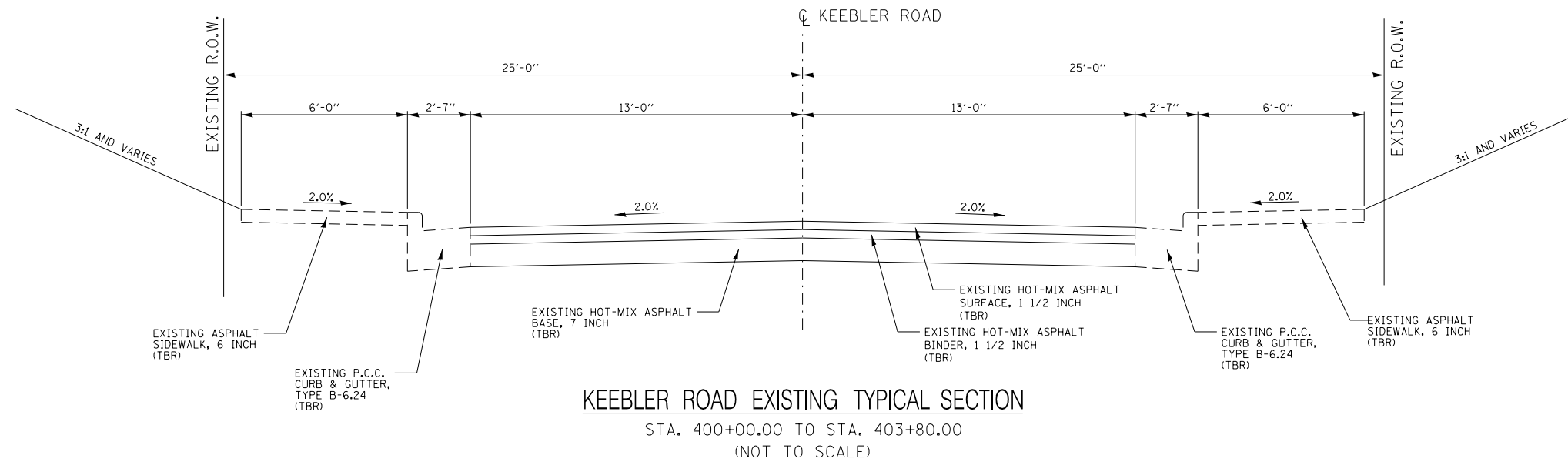
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JUNEAU Job No. E160720	PLOT SCALE = 100.0000' / in.	CHECKED - BFK	REVISED -	SCALE: N.T.S.	SHEET 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 97708		
	PLOT DATE = 11/3/2021	DATE - 06/29/21	REVISED -							

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
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
Δ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	175
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8
63200310	GUARDRAIL REMOVAL	FOOT	204
Δ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	155
Δ 66900530	SOIL DISPOSAL ANALYSIS	EACH	3
Δ 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
Δ 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
Δ 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
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	8287
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	388
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	214
Δ 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1
Δ 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	11
Δ 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	475
Δ 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	9
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3678
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	71
Δ 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	20
Δ 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4609

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
Δ 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	317
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	45
Δ 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	16
Δ 78200020	CURB REFLECTORS	EACH	47
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	6
Δ 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	7
LR420033	PORTLAND CEMENT CONCRETE PAVEMENT 9" (SPECIAL)	SQ YD	507
X0323265	REMOVE EXISTING RIPRAP	SQ YD	480
X0327235	LOCATING UNDERGROUND UTILITIES	FOOT	75
X0327301	RELOCATE EXISTING MAILBOX	EACH	10
X0795800	COARSE AGGREGATE	TON	138
Δ X2200018	ORNAMENTAL FENCE	FOOT	347
X6024242	INLETS, SPECIAL, NO. 1	EACH	18
X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	161
X6061310	CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)	SQ FT	1972
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	3170
Δ X7800200	PAINT PAVEMENT MARKING CURB	FOOT	903
# Z0076600	TRAINEES	Hour	500
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	500

Δ SPECIALTY ITEMS
0042



FILE NAME =
 typ_existing.dgn
 JUNEAU JOB NO. E160720

USER NAME = ramesh
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 6/28/2021

DESIGNED - BFK
 DRAWN - RKR
 CHECKED - BFK
 DATE - 06/29/21

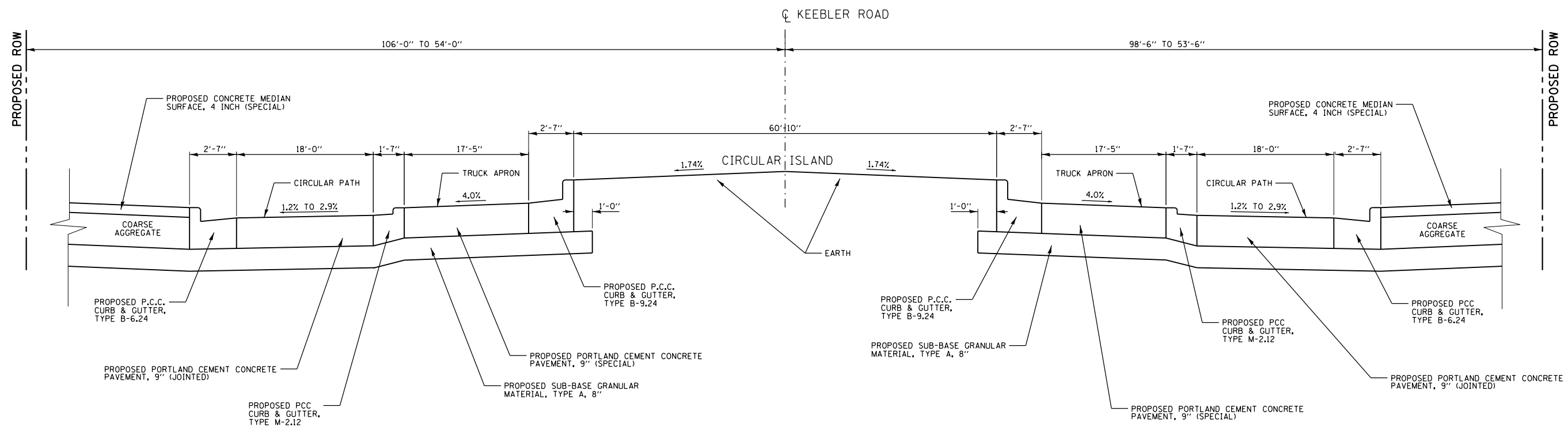
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**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

EXISTING TYPICALS

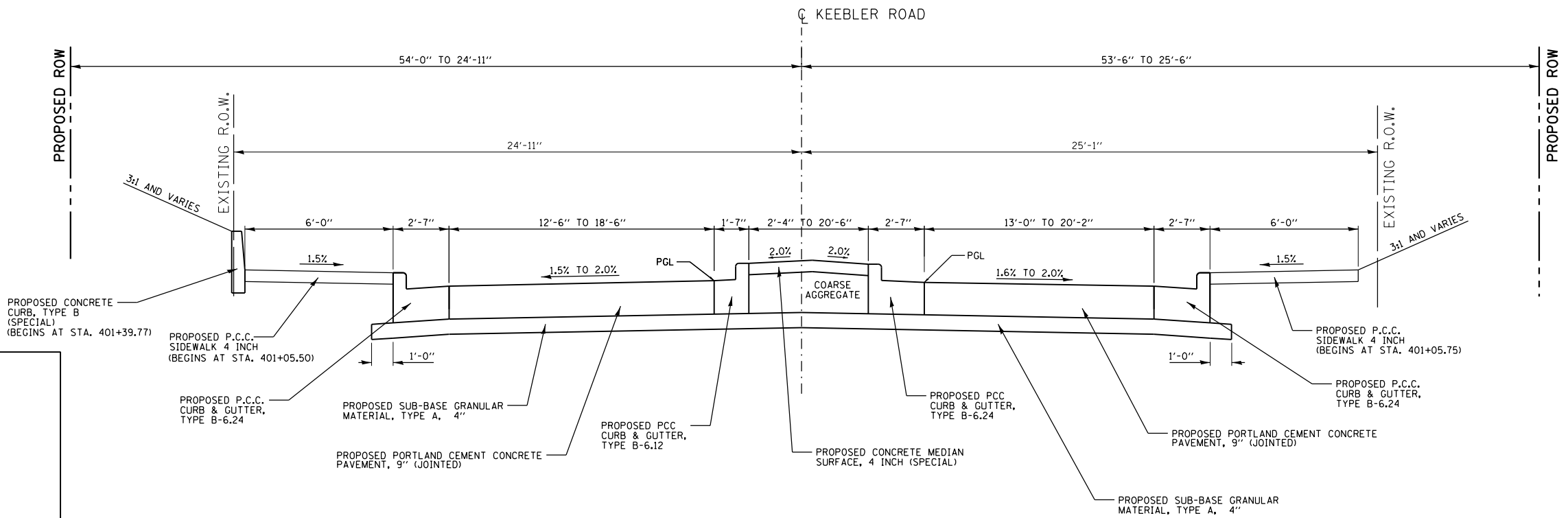
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	5
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



KEEBLER ROAD PROPOSED TYPICAL SECTION

AT STA. 400+00.00 (CENTER OF ROUNDABOUT)
 ROUNDABOUT FROM STA. 400+00.00 TO STA. 400+70.00



KEEBLER ROAD PROPOSED TYPICAL SECTION

STA. 400+70.00 TO STA. 401+53.64

KEEBLER ROAD STRUCTURAL DESIGN TRAFFIC

STRUCTURAL DESIGN TRAFFIC
 DESIGN YEAR: 2039
 STRUCTURAL DESIGN YEAR ADT (2029): 5,660
 90% PV 8% SU 2% MU

ROAD/STREET CLASSIFICATION: MINOR ARTERIAL

PERCENT OF STRUCTURAL DESIGN TRAFFIC
 IN DESIGN LANE PV = 50% SU = 50% MU = 50%

TRAFFIC FACTOR = 0.50

MINIMUM SOIL SUPPORT IBR = 3.0 (ASSUMED)

PAVEMENT STRUCTURE MATERIALS:
 RIGID PAVEMENT - 10" JOINTED PORTLAND CEMENT CONCRETE PAVEMENT WITH WELDED WIRE REINFORCEMENT
 4" GRANULAR SUBBASE

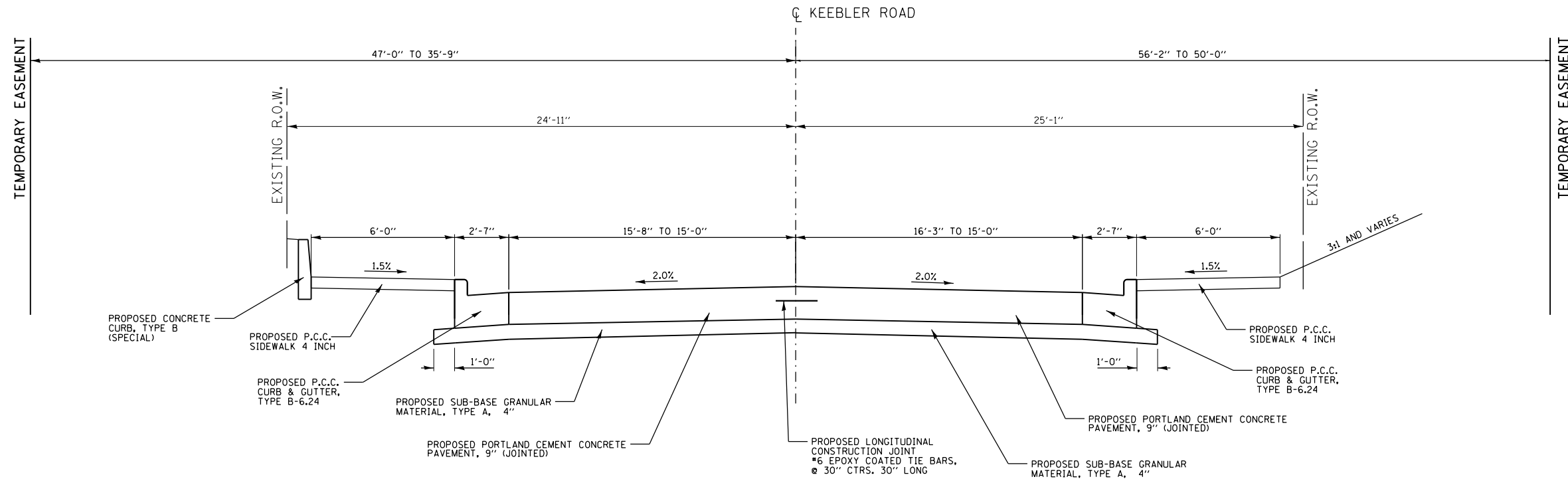
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	PLOT DATE = 6/28/2021	CHECKED - BFK	REVISED -
		DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

PROPOSED TYPICALS

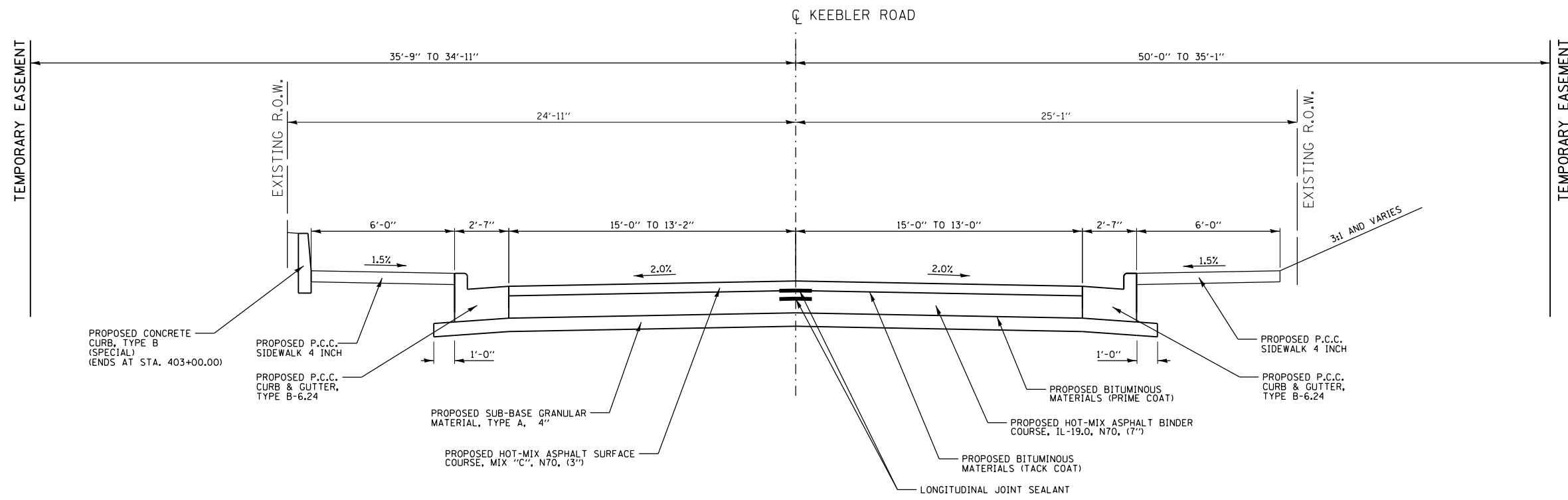
SCALE: N.T.S. SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9135	16-00015-02-PV	MADISON	71	6
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



KEEBLER ROAD PROPOSED TYPICAL SECTION

STA. 401+53.64 TO STA. 402+25.00



KEEBLER ROAD PROPOSED TYPICAL SECTION

STA. 402+25.00 TO STA. 403+80.00

FILE NAME =
typ-proposed.dgn
JUNEAU JOB NO. E160720

USER NAME = ramesh
PLOT SCALE = 40.0000' / in.
PLOT DATE = 6/28/2021

DESIGNED - BFK
DRAWN - RKR
CHECKED - BFK
DATE - 06/29/21

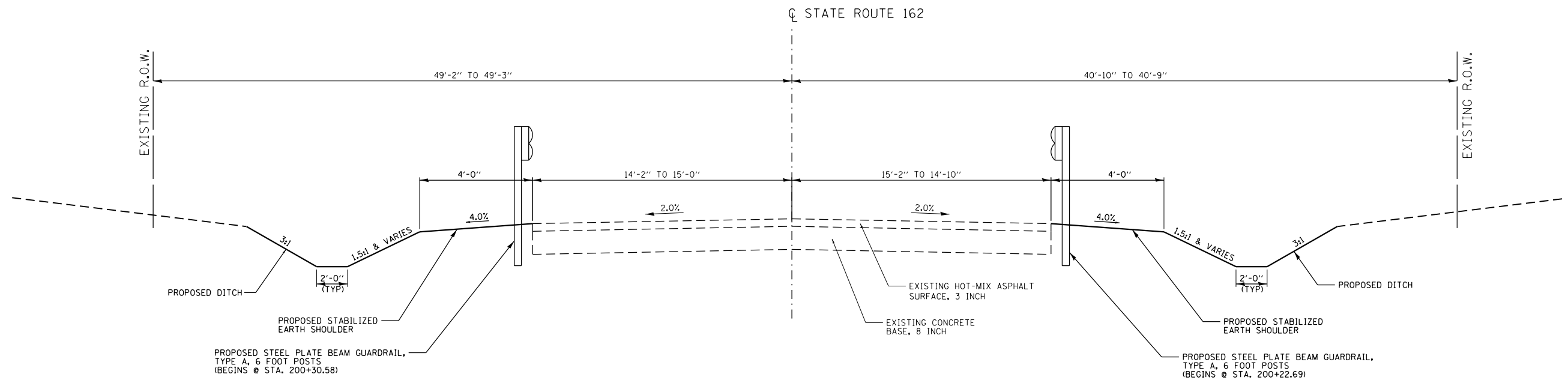
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**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

PROPOSED TYPICALS

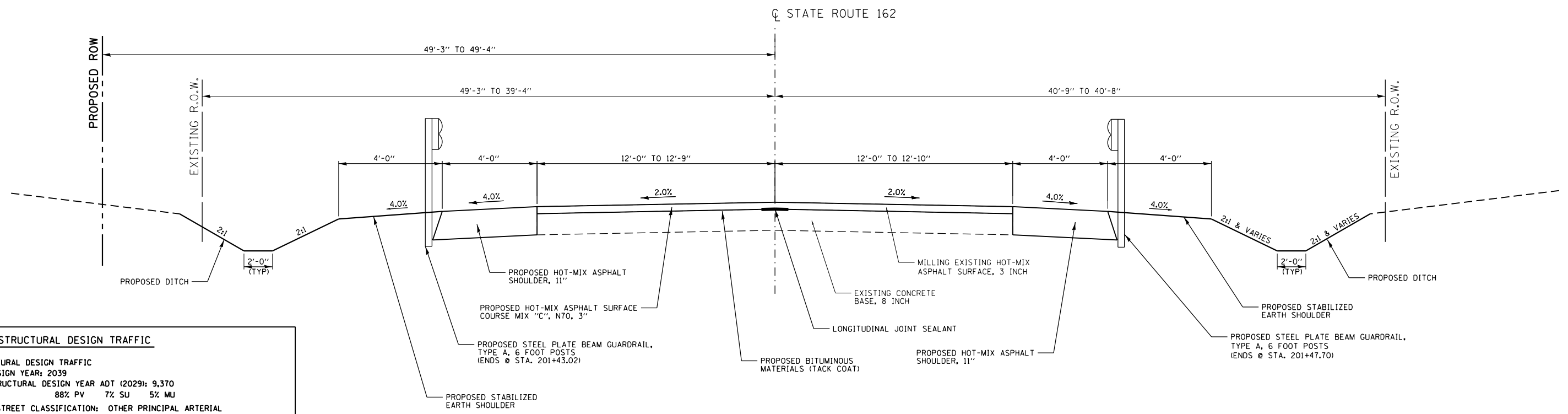
SCALE: N.T.S. SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9135	16-00015-02-PV	MADISON	71	7
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



STATE ROUTE 162 PROPOSED TYPICAL SECTION

STA. 200+21.50 TO STA. 200+62.83



STATE ROUTE 162 PROPOSED TYPICAL SECTION

STA. 200+62.83 TO STA. 201+54.63

IL 162 STRUCTURAL DESIGN TRAFFIC

STRUCTURAL DESIGN TRAFFIC
 DESIGN YEAR: 2039
 STRUCTURAL DESIGN YEAR ADT (2029): 9,370
 88% PV 7% SU 5% MU

ROAD/STREET CLASSIFICATION: OTHER PRINCIPAL ARTERIAL

PERCENT OF STRUCTURAL DESIGN TRAFFIC
 IN DESIGN LANE PV = 50% SU = 50% MU = 50%

TRAFFIC FACTOR = 4.59

MINIMUM SOIL SUPPORT IBR = 3.0 (ASSUMED)

PAVEMENT STRUCTURE MATERIALS:
 RIGID PAVEMENT - 10" JOINTED PORTLAND CEMENT CONCRETE
 PAVEMENT WITH WELDED WIRE REINFORCEMENT
 8" GRANULAR SUBBASE

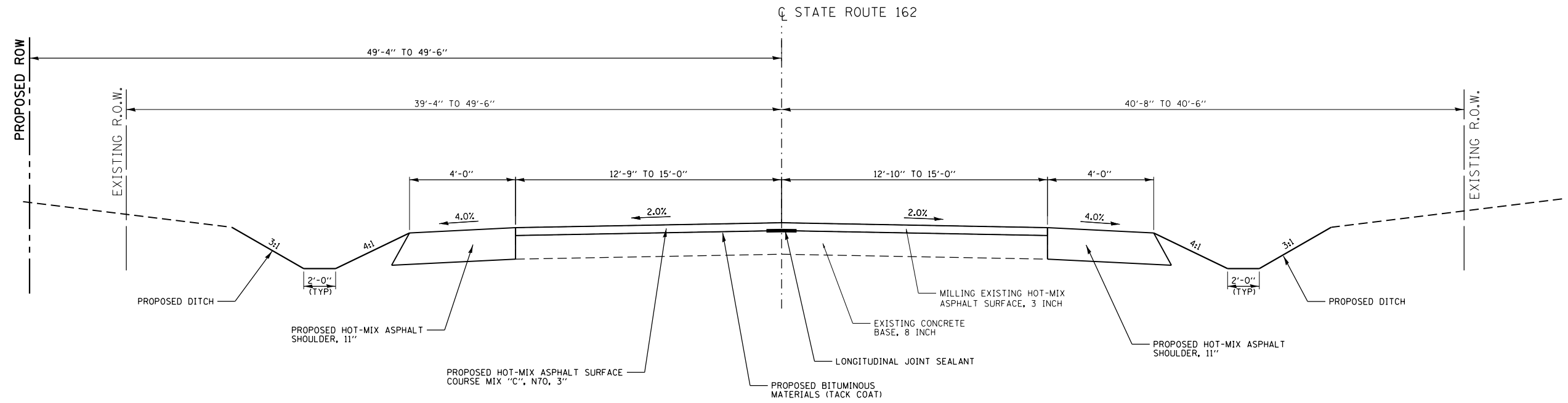
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	PLOT DATE = 6/28/2021	CHECKED - BFK	REVISED -
		DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

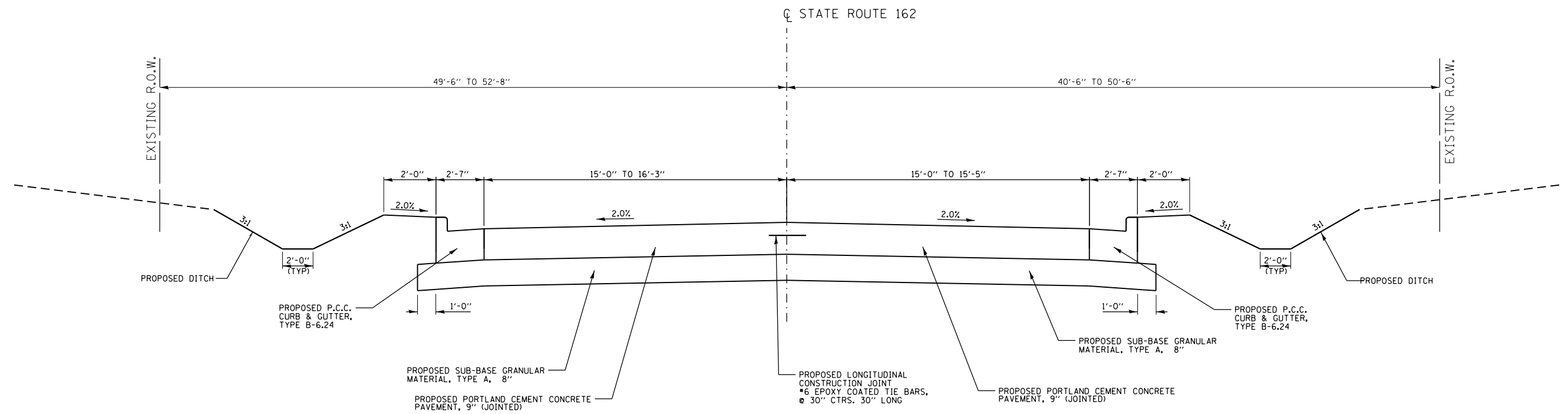
PROPOSED TYPICALS

SCALE: N.T.S. SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	8
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				

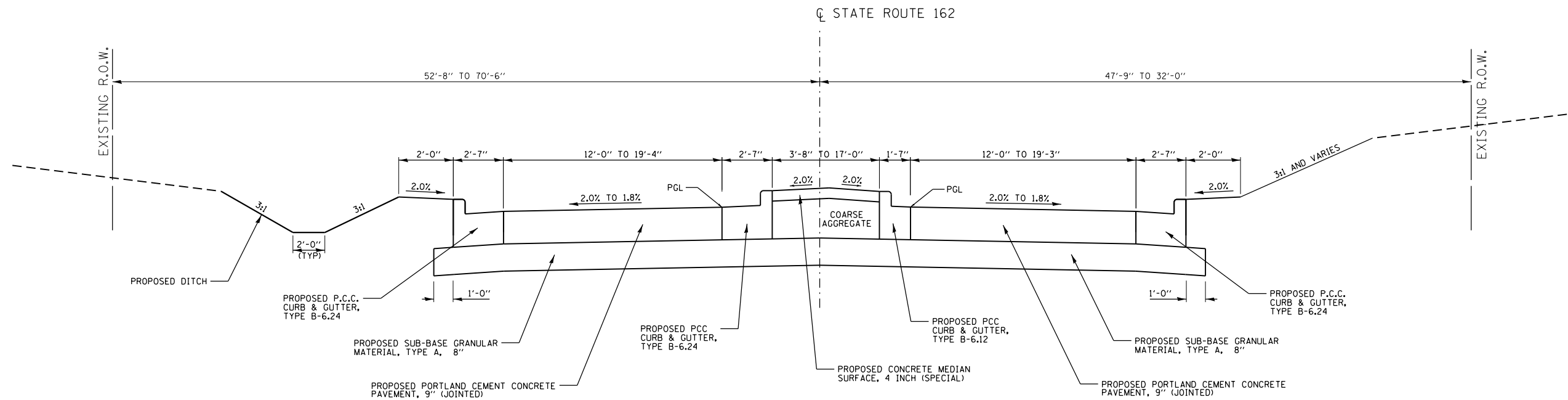


STATE ROUTE 162 PROPOSED TYPICAL SECTION
 STA. 201+54.63 TO STA. 202+62.83



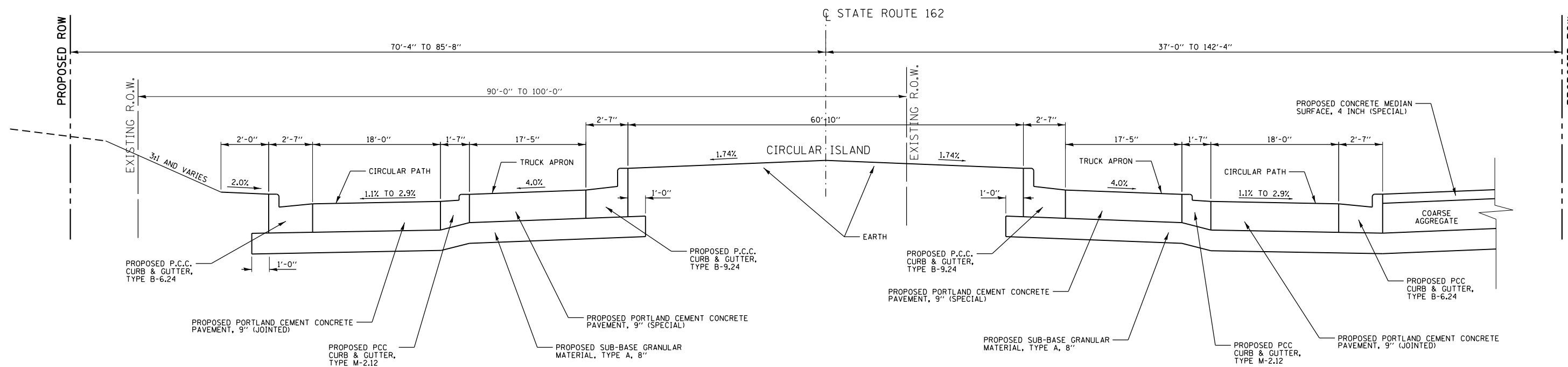
STATE ROUTE 162 PROPOSED TYPICAL SECTION
 STA. 202+62.83 TO STA. 204+63.07

FILE NAME = typ-proposed.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	PROPOSED TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -					586	16-00015-02-PV	MADISON	71	9
JUNEAU JOB NO. E160720	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -		SCALE: N.T.S.	SHEET NO. 4 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 97708			
											ILLINOIS FED. AID PROJECT	



STATE ROUTE 162 PROPOSED TYPICAL SECTION

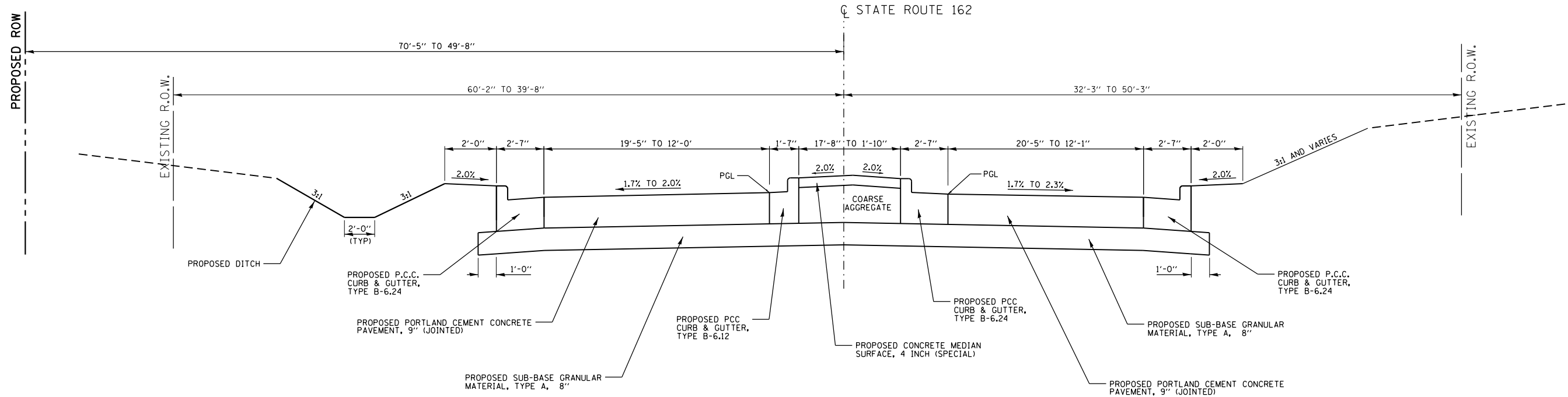
STA. 204+63.07 TO STA. 205+65.14



STATE ROUTE 162 PROPOSED TYPICAL SECTION

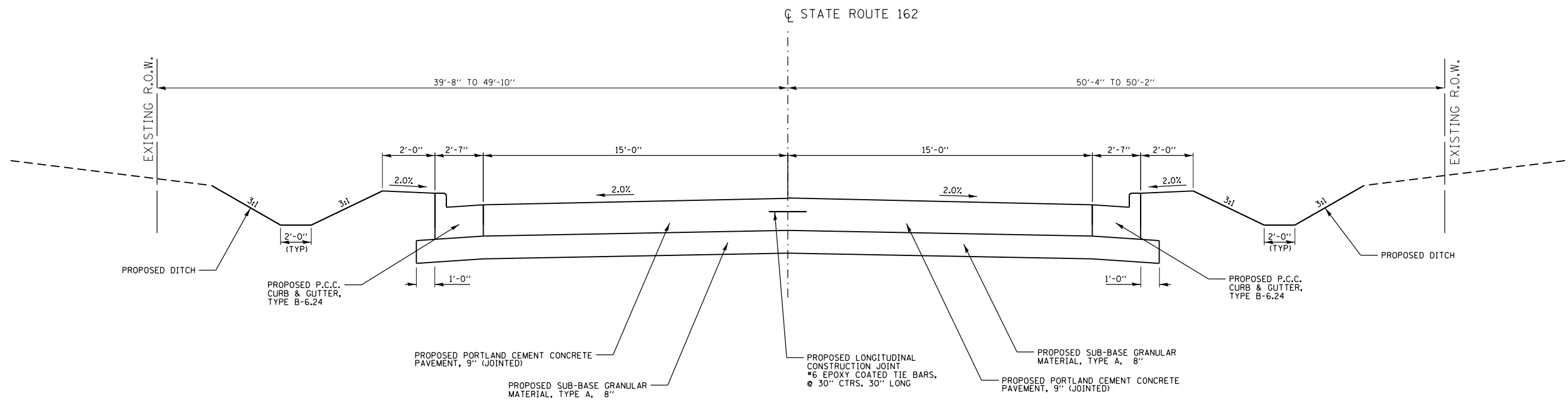
AT STA. 206+35.14 AND AT STA. 300+00.00 (CENTER OF ROUNDABOUT)
 ROUNDABOUT FROM STA. 205+65.14 TO STA. 206+35.14 &
 ROUNDABOUT FROM STA. 300+00.00 TO STA. 300+70.00

FILE NAME = typ-proposed.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	PROPOSED TYPICALS			F.A.P. RTE. 586	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 10
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: N.T.S.	SHEET NO. 5 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 97708			
	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -		ILLINOIS FED. AID PROJECT							



STATE ROUTE 162 PROPOSED TYPICAL SECTION

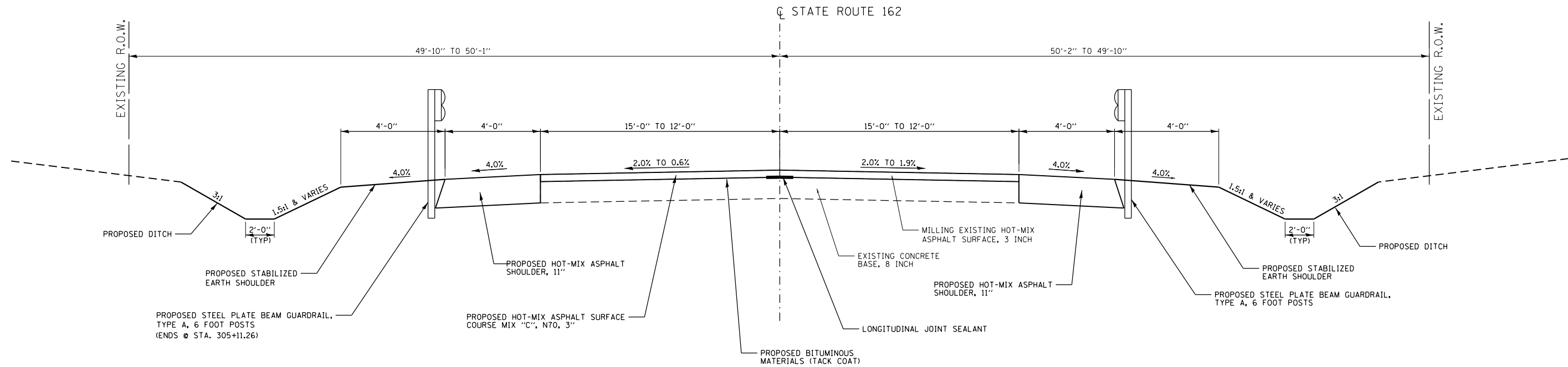
STA. 300+70.00 TO STA. 302+22.51



STATE ROUTE 162 PROPOSED TYPICAL SECTION

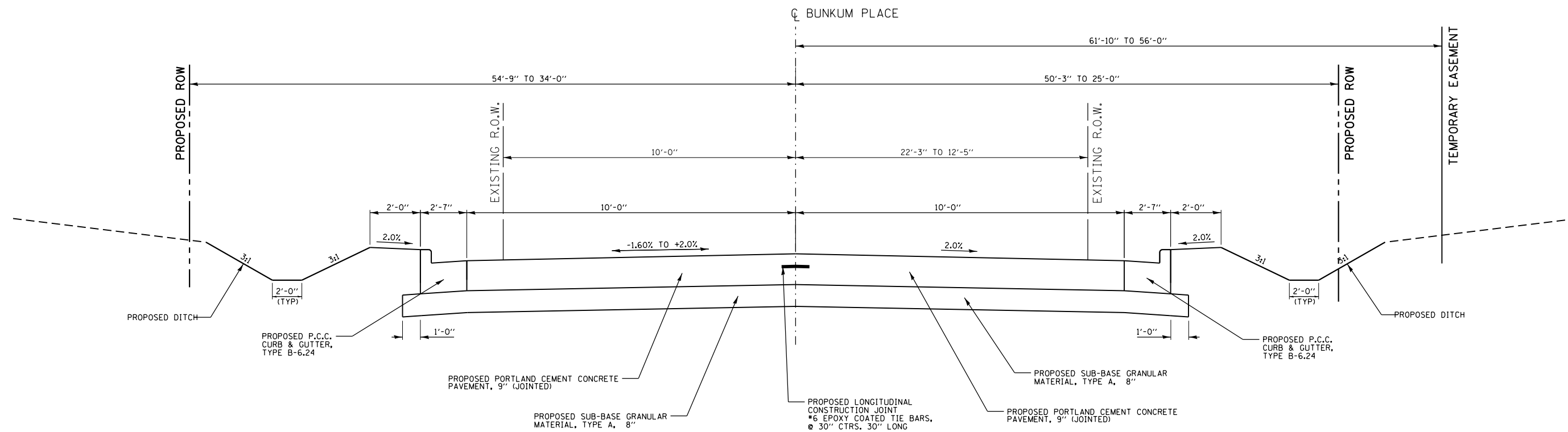
STA. 302+22.51 TO STA. 303+73.76

FILE NAME = typ-proposed.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 AND KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	PROPOSED TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -					586	16-00015-02-PV	MADISON	71	11
JUNEAU JOB NO. E160720	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -		SCALE: N.T.S.	SHEET NO. 6 OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
											CONTRACT NO. 97708	



STATE ROUTE 162 PROPOSED TYPICAL SECTION

STA. 303+73.76 TO STA. 305+73.76



BUNKUM PLACE PROPOSED TYPICAL SECTION

STA. 500+15.00 TO STA. 500+62.52

FILE NAME = typ-proposed.dgn
JUNEAU JOB NO. E160720

USER NAME = ramesh
PLOT SCALE = 40.0000' / in.
PLOT DATE = 6/28/2021

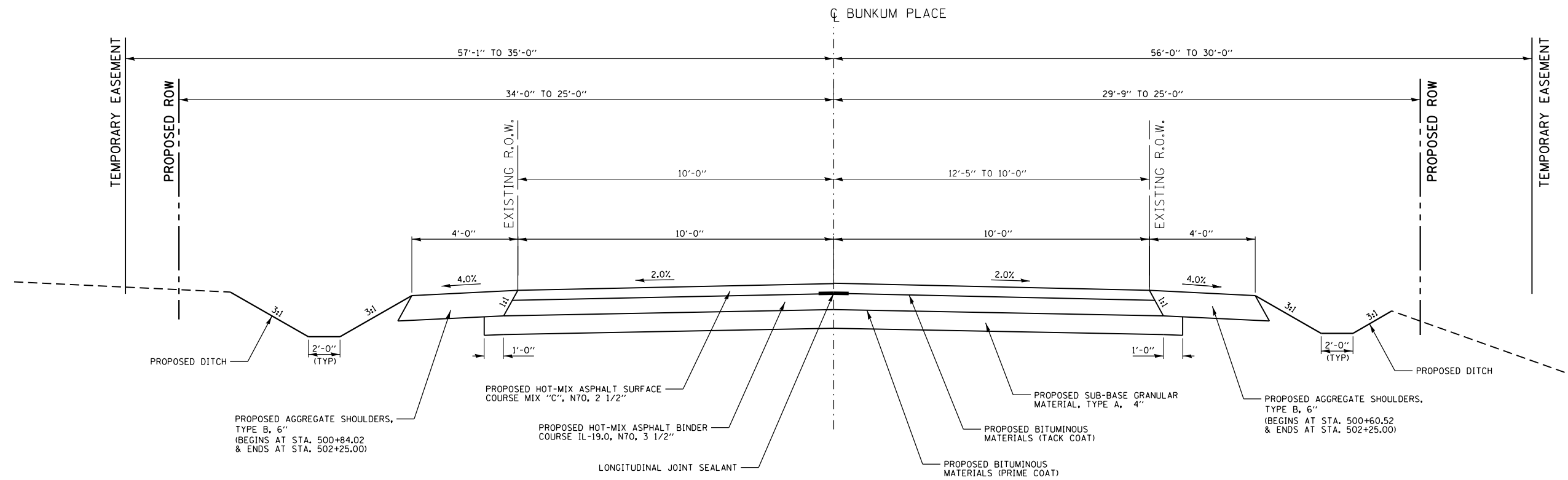
DESIGNED - BFK
DRAWN - RKR
CHECKED - BFK
DATE - 06/29/21

REVISED -
REVISED -
REVISED -
REVISED -

**STATE ROUTE 162 AND KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

PROPOSED TYPICALS
SCALE: N.T.S. SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	12
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



BUNKUM PLACE PROPOSED TYPICAL SECTION

STA. 500+60.52 TO STA. 502+35.00

FILE NAME = typ-proposed.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 AND KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	PROPOSED TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -					586	16-00015-02-PV	MADISON	71	13
JUNEAU JOB NO. E160720	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -		SCALE: N.T.S.	SHEET NO. 8 OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 97708			

PAVING SCHEDULE

LOCATION	SUBBASE GRANULAR MATERIAL, TYPE A 4" (SQ YD)	SUBBASE GRANULAR MATERIAL, TYPE A 8" (SQ YD)	COARSE AGGREGATE (TON)	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)
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	188.9	81.0	310.0		
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	79.3	55.3	175.0	133.3	
TOTAL	1853	4643	138	3667	507	2007	1163	268	335	885	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" (FOOT)	18" (FOOT)	15" (EACH)	18" (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			TEMPORARY PAVEMENT MARKING REMOVAL (SQ FT)	
		4" YELLOW (FOOT)	4" WHITE (FOOT)	12" YELLOW (FOOT)	12" WHITE (FOOT)	4" YELLOW (FOOT)	4" 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 4" (FOOT)	LINE 12" (FOOT)	LETTERS & SYMBOLS (SQ FT)		
KEEBLER ROAD																					
STA. 400+70.00 TO STA. 403+80.00																					
	YIELD LINE									6										6	6
	DOUBLE CENTERLINE	567				286															284
	EDGE LINE		310			159	380														283
	SKIP-DASH 3'-3'								20												20
	DIAGONALS			20																	36
	CROSSWALK																				145
STATE ROUTE 162																					
STA. 200+62.83 TO STA. 305+73.76																					
	YIELD LINE									14											14
	DOUBLE CENTERLINE	1310				1406															905
	EDGE LINE		800			855	1331														995
	SKIP-DASH 3'-3'								43												43
	DIAGONALS			33				93													126
BUNKUM PLACE																					
STA. 500+15.00 TO STA. 502+35.00																					
	STOP LINE																				18
	DOUBLE CENTERLINE	349																			116
	EDGE LINE		342				192														178
TOTAL		2226	1452	53	18	2706	1903	109	208	20	6	41	40	5	815	88	8287	388	20	3170	
	GRAND TOTAL		3678		71	4609		317			47		45		903						

STORM SEWER SCHEDULE

STRUCTURE ID	LOCATION	STORM SEWERS, CLASS A, RCCP		TRENCH BACKFILL (CU YD)
		TYPE 1	TYPE 2	
		15" (FOOT)	15" (FOOT)	
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 (FOOT)	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)
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		26.5
PE @ STA. 402+80.47	RT	24.00		90.8		19.8
PE @ STA. 403+03.86	RT	12.00	38.4			2.9
PE @ STA. 403+55.00	LT	18.00	21.9			
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

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
			A	B	C	D				
STATE ROUTE 162										
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

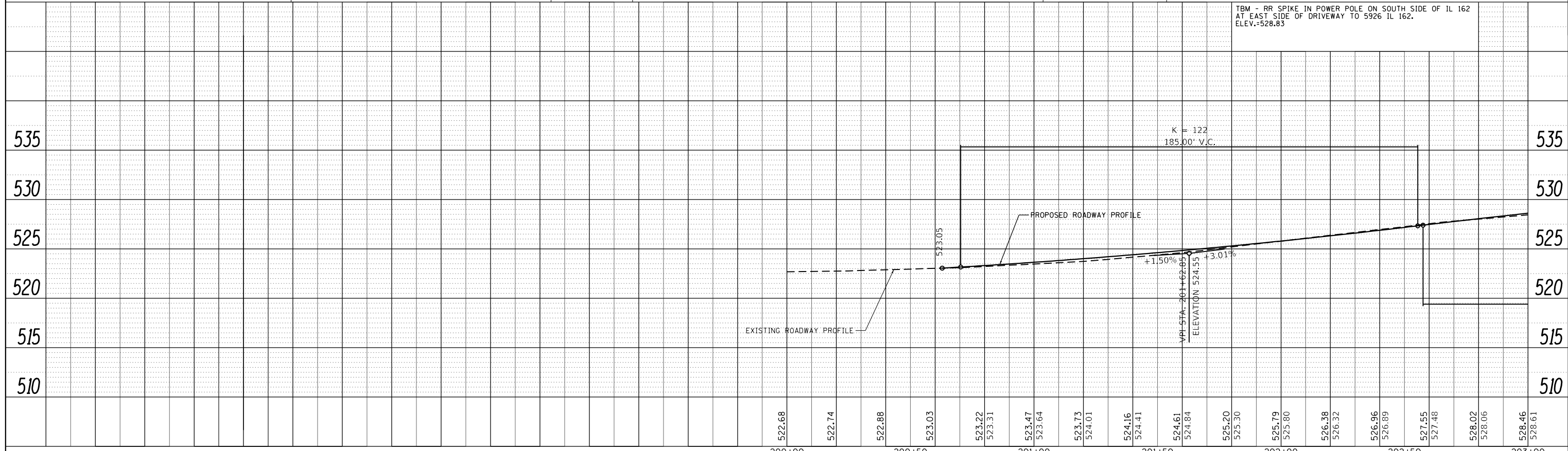
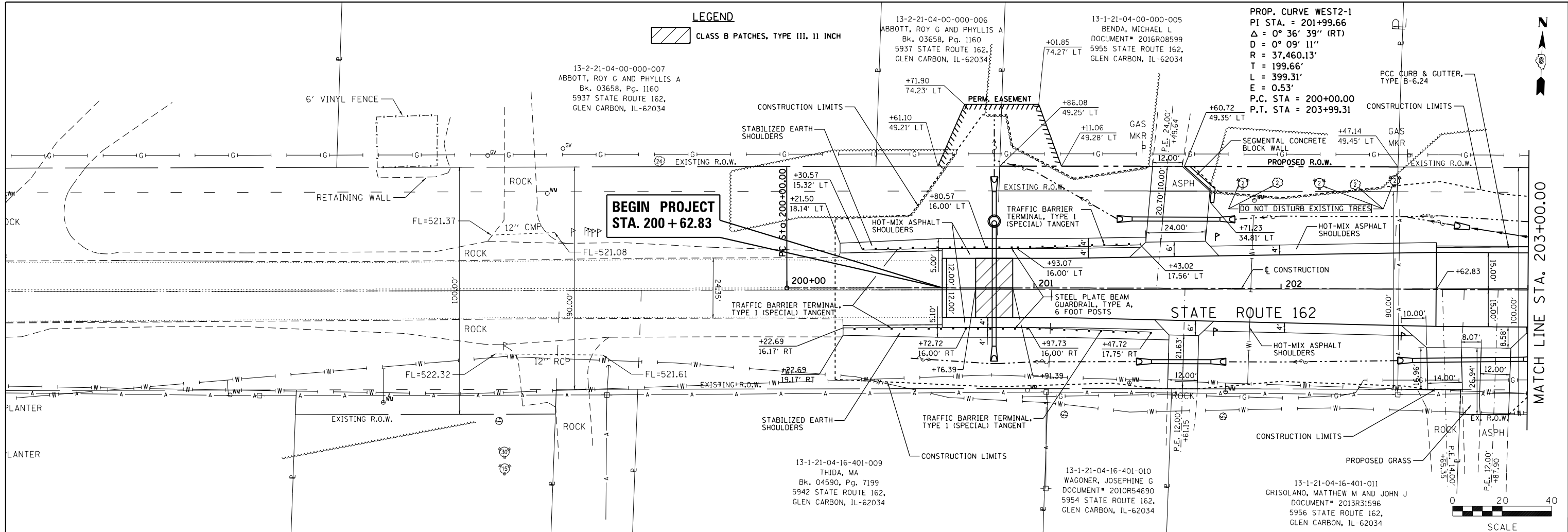
NOTES: * BASED ON 25% SHRINKAGE

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

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PLOTTED	
NOTE BOOK	
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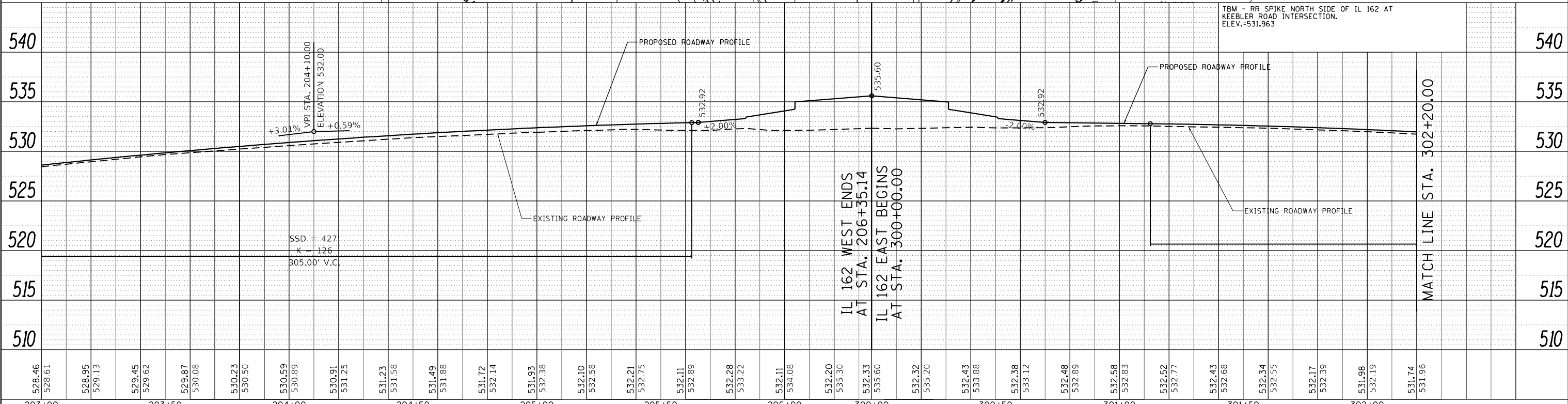
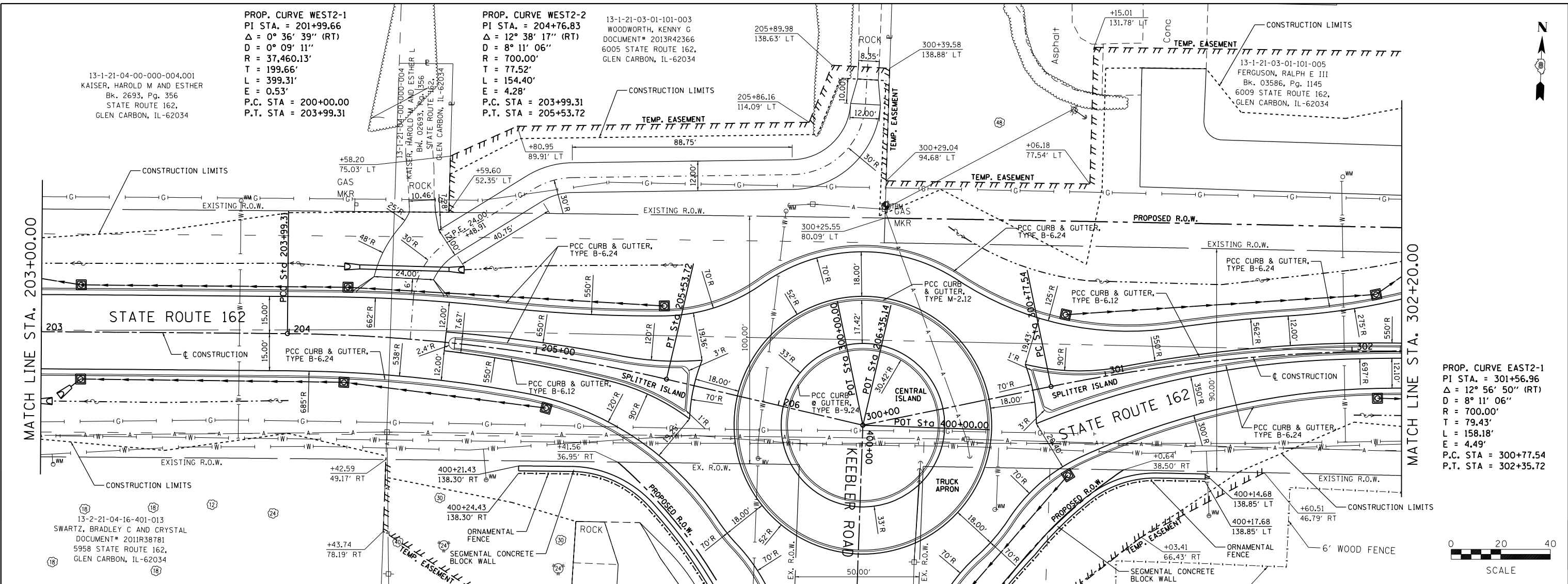
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JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -			CONTRACT NO. 97708				
	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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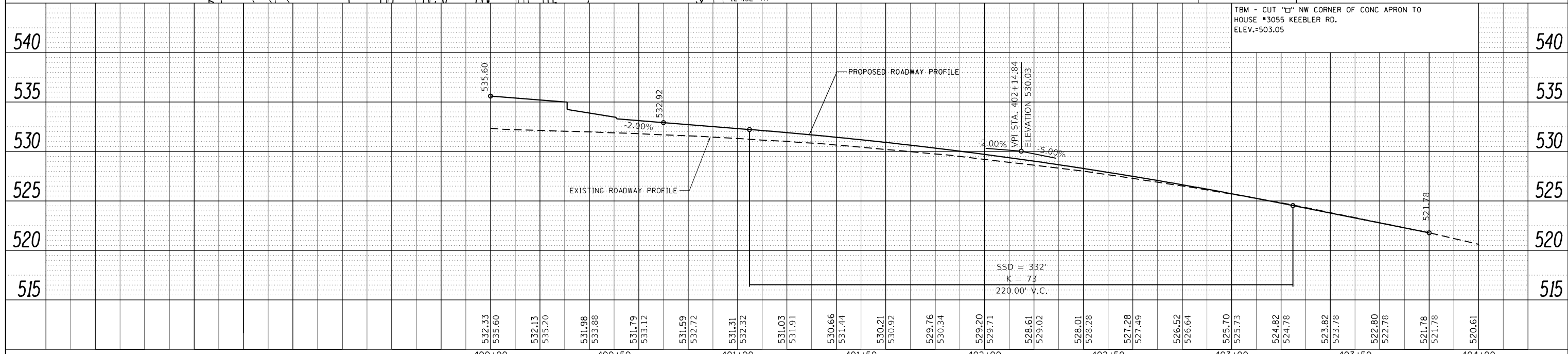
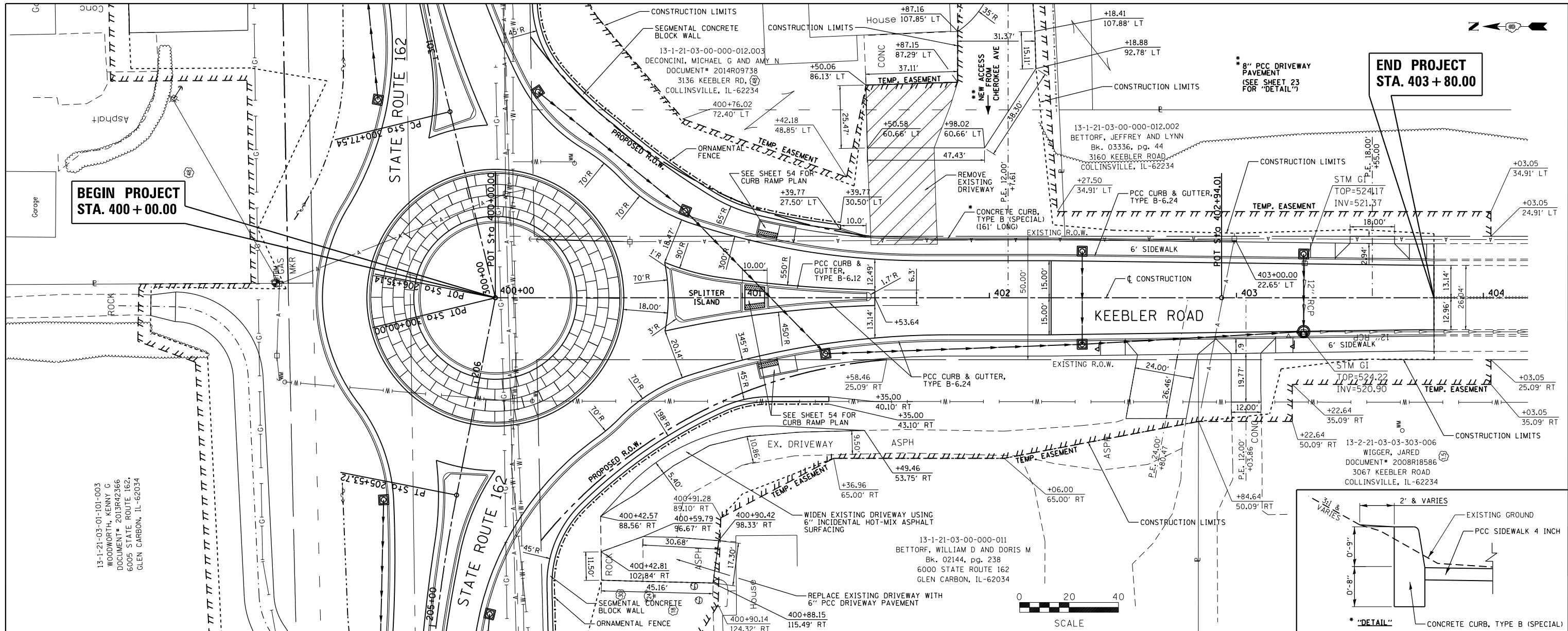
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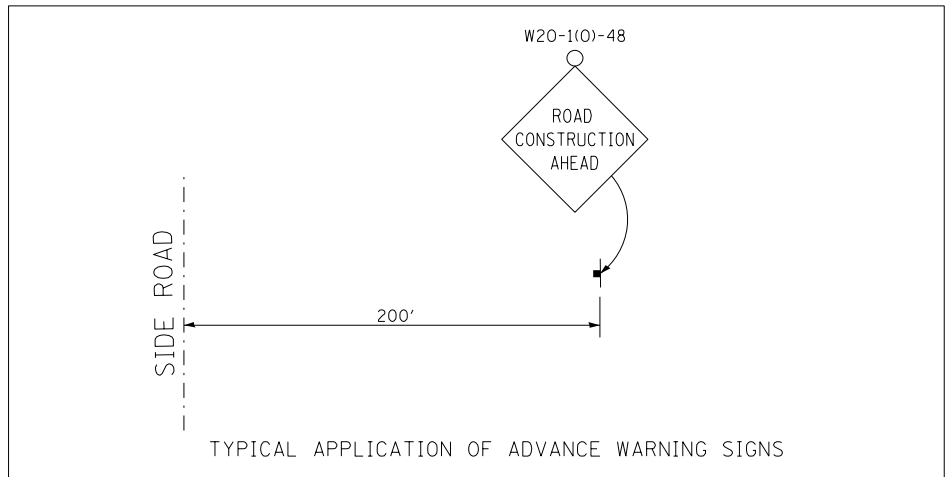
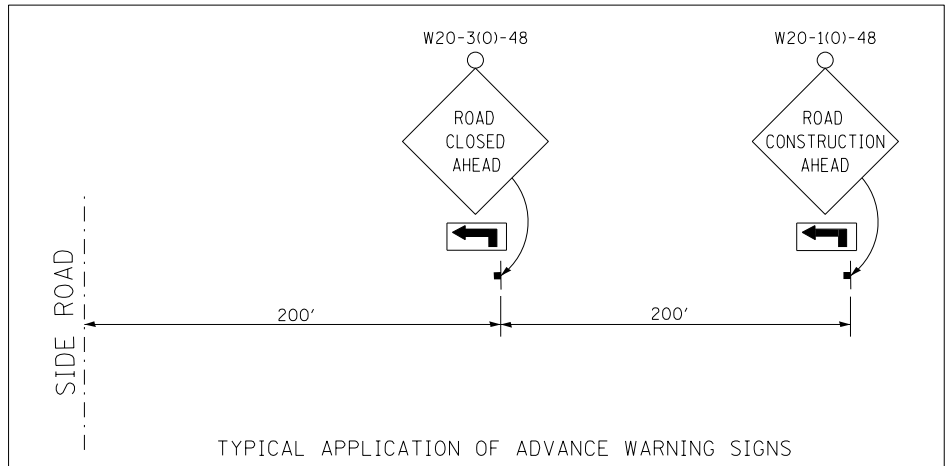
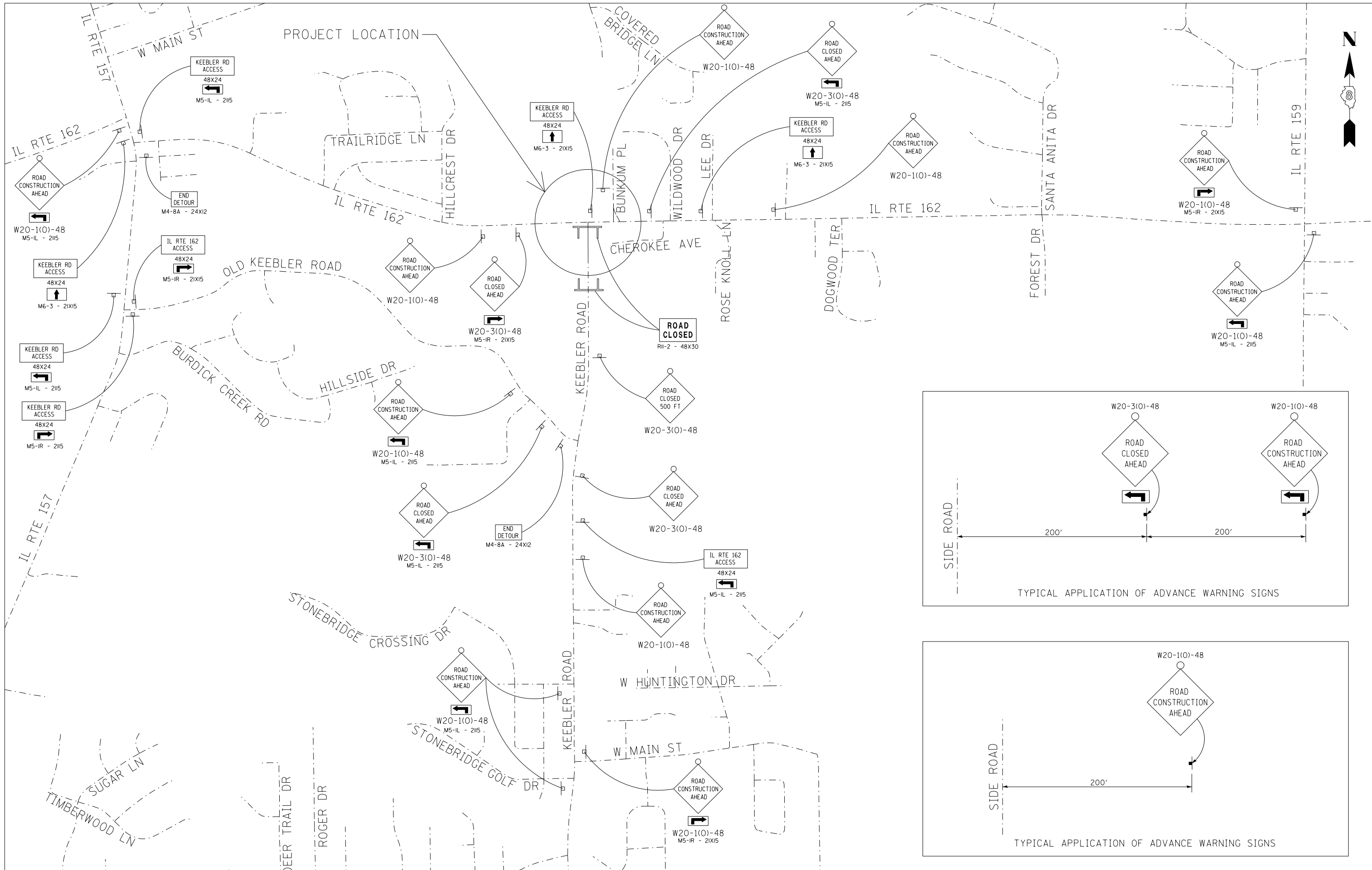
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JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 2 OF 5 SHEETS	STA. 203+00.00 TO STA. 302+20.00	CONTRACT NO. 97708				
	PLOT DATE = 6/28/2021	DATE = 06/29/21	REVISED -		ILLINOIS FED. AID PROJECT							

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

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATIONS
	NO.	



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JUNE/2020	PLOT SCALE = 40.0000" / in.	CHECKED - BFK	REVISED -			CONTRACT NO. 97708				
	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -			ILLINOIS FED. AID PROJECT				



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JUNEAU JOB NO. E168728

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CHECKED - BFK
DATE - 06/29/21
PLOT SCALE = 960.0000' / in.
PLOT DATE = 6/28/2021

DESIGNED - BFK
DRAWN - RKR
CHECKED - BFK
DATE - 06/29/21

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**STATE ROUTE 162 & KEEBLER ROAD
ROUNDBOUT
MARYVILLE, ILLINOIS**

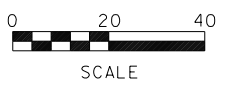
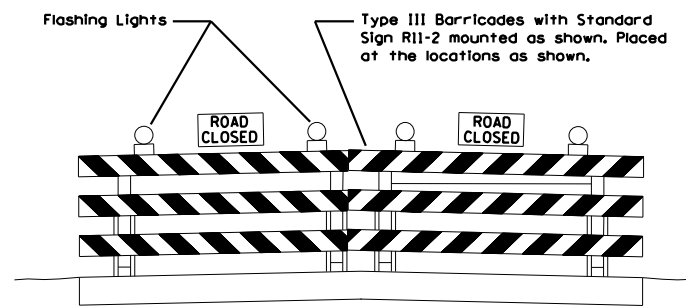
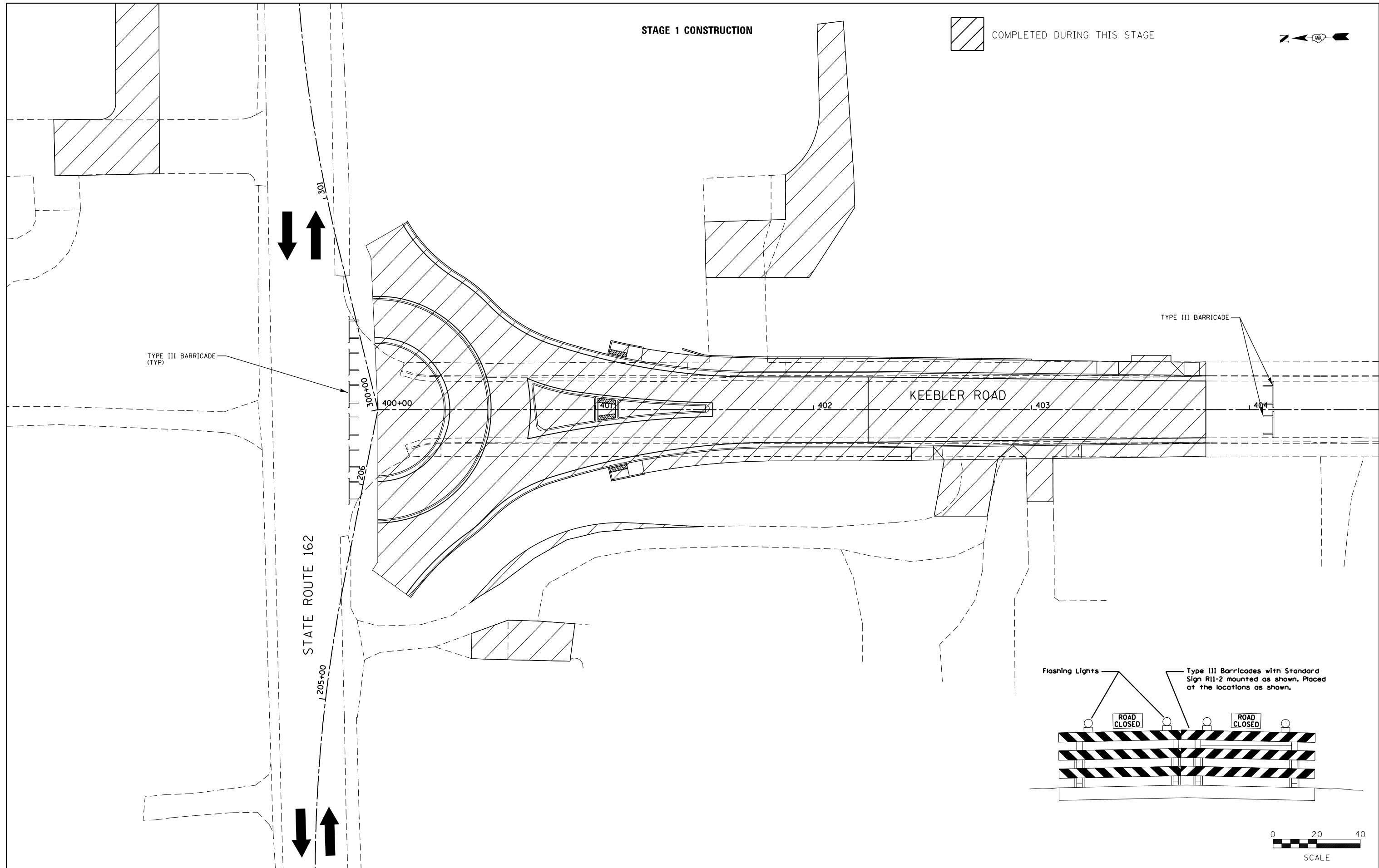
**ADVANCED WARNING SIGNS
STAGE 1 AND STAGE 2 CONSTRUCTION**
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	25
				CONTRACT NO. 97708
ILLINOIS FED. AID PROJECT				

STAGE 1 CONSTRUCTION



COMPLETED DURING THIS STAGE



FILE NAME = stage001a.dgn	USER NAME = ramesh	DESIGNED - SAS	REVISED -
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	DRAWN - RKR	REVISED -
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		DATE - 06/29/21	REVISED -

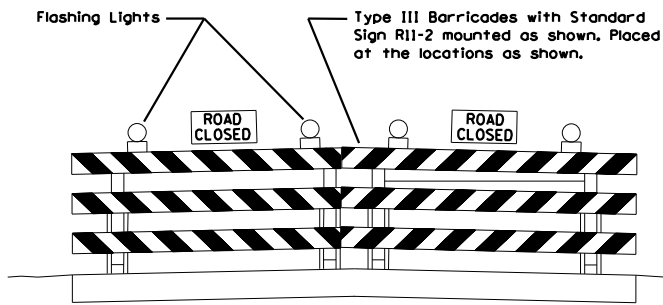
**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

STAGE 1 CONSTRUCTION			
SCALE: 1"=20'	SHEET 1 OF 6 SHEETS	STA.	TO STA.

F.A.U. RTE. 9135	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 26
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				

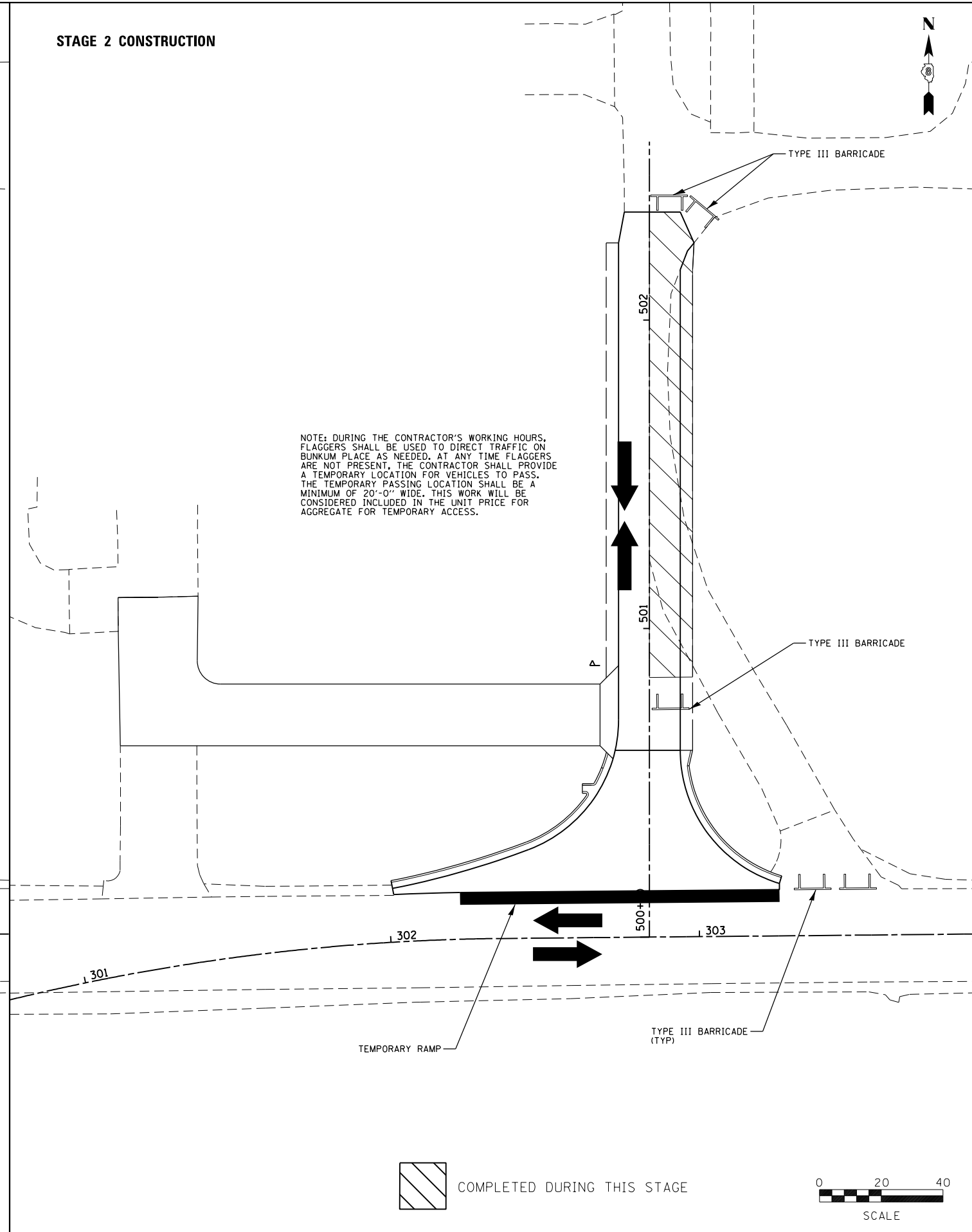
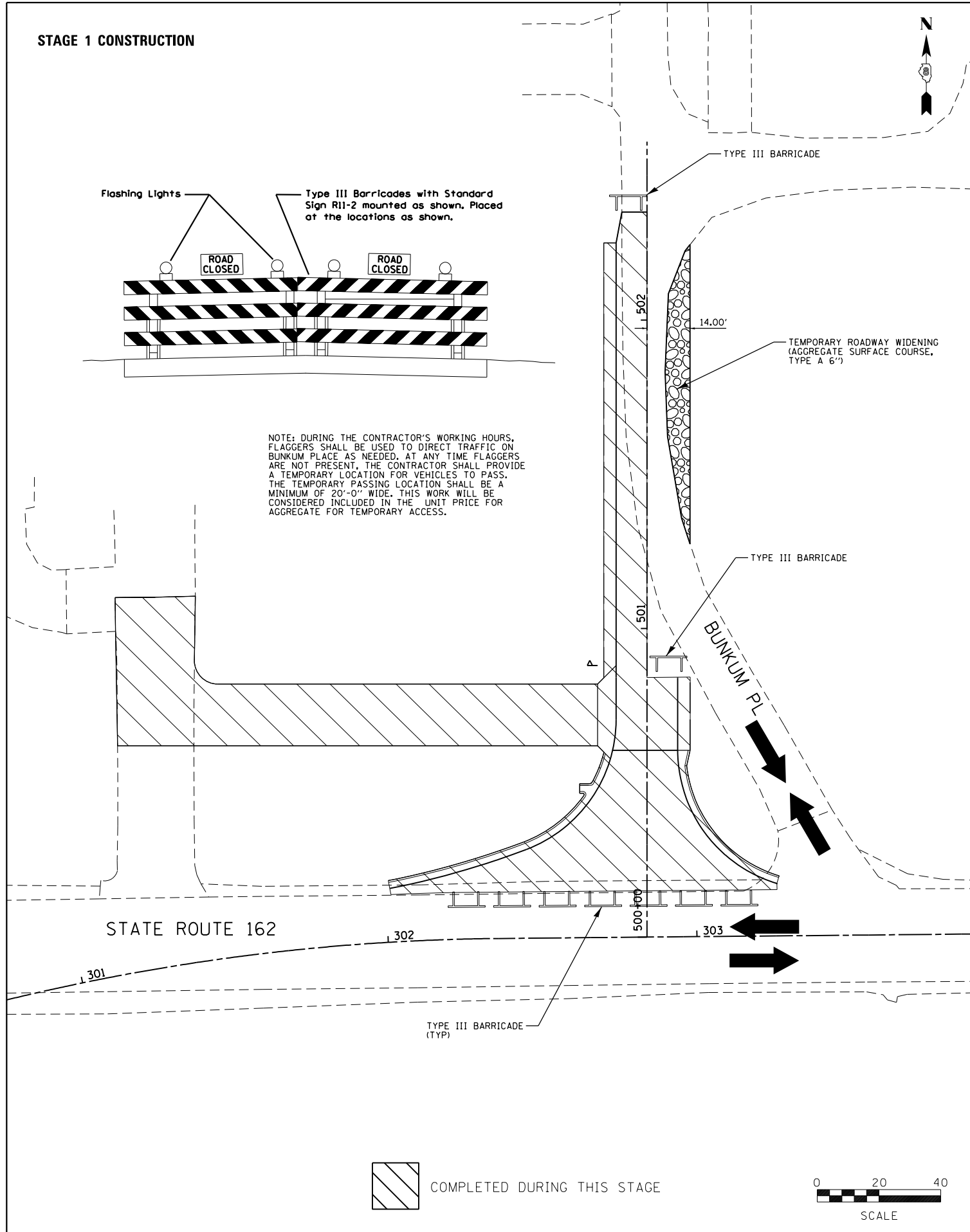
STAGE 1 CONSTRUCTION

STAGE 2 CONSTRUCTION



NOTE: DURING THE CONTRACTOR'S WORKING HOURS, FLAGGERS SHALL BE USED TO DIRECT TRAFFIC ON BUNKUM PLACE AS NEEDED. AT ANY TIME FLAGGERS ARE NOT PRESENT, THE CONTRACTOR SHALL PROVIDE A TEMPORARY PASSING LOCATION FOR VEHICLES TO PASS. THE TEMPORARY PASSING LOCATION SHALL BE A MINIMUM OF 20'-0" WIDE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR AGGREGATE FOR TEMPORARY ACCESS.

NOTE: DURING THE CONTRACTOR'S WORKING HOURS, FLAGGERS SHALL BE USED TO DIRECT TRAFFIC ON BUNKUM PLACE AS NEEDED. AT ANY TIME FLAGGERS ARE NOT PRESENT, THE CONTRACTOR SHALL PROVIDE A TEMPORARY PASSING LOCATION FOR VEHICLES TO PASS. THE TEMPORARY PASSING LOCATION SHALL BE A MINIMUM OF 20'-0" WIDE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR AGGREGATE FOR TEMPORARY ACCESS.



COMPLETED DURING THIS STAGE



SCALE



COMPLETED DURING THIS STAGE



SCALE

FILE NAME = stage001b.dgn	USER NAME = ramesh	DESIGNED - SAS	REVISED -
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	DRAWN - RKR	REVISED -
	PLOT DATE = 6/28/2021	CHECKED - BFK	REVISED -
		DATE - 06/29/21	REVISED -

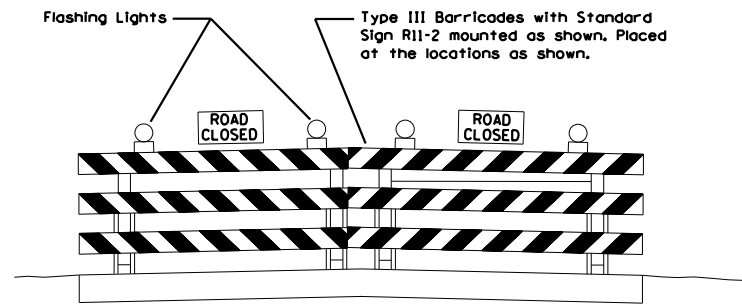
**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

STAGE 1 & 2 CONSTRUCTION

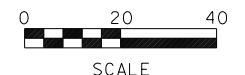
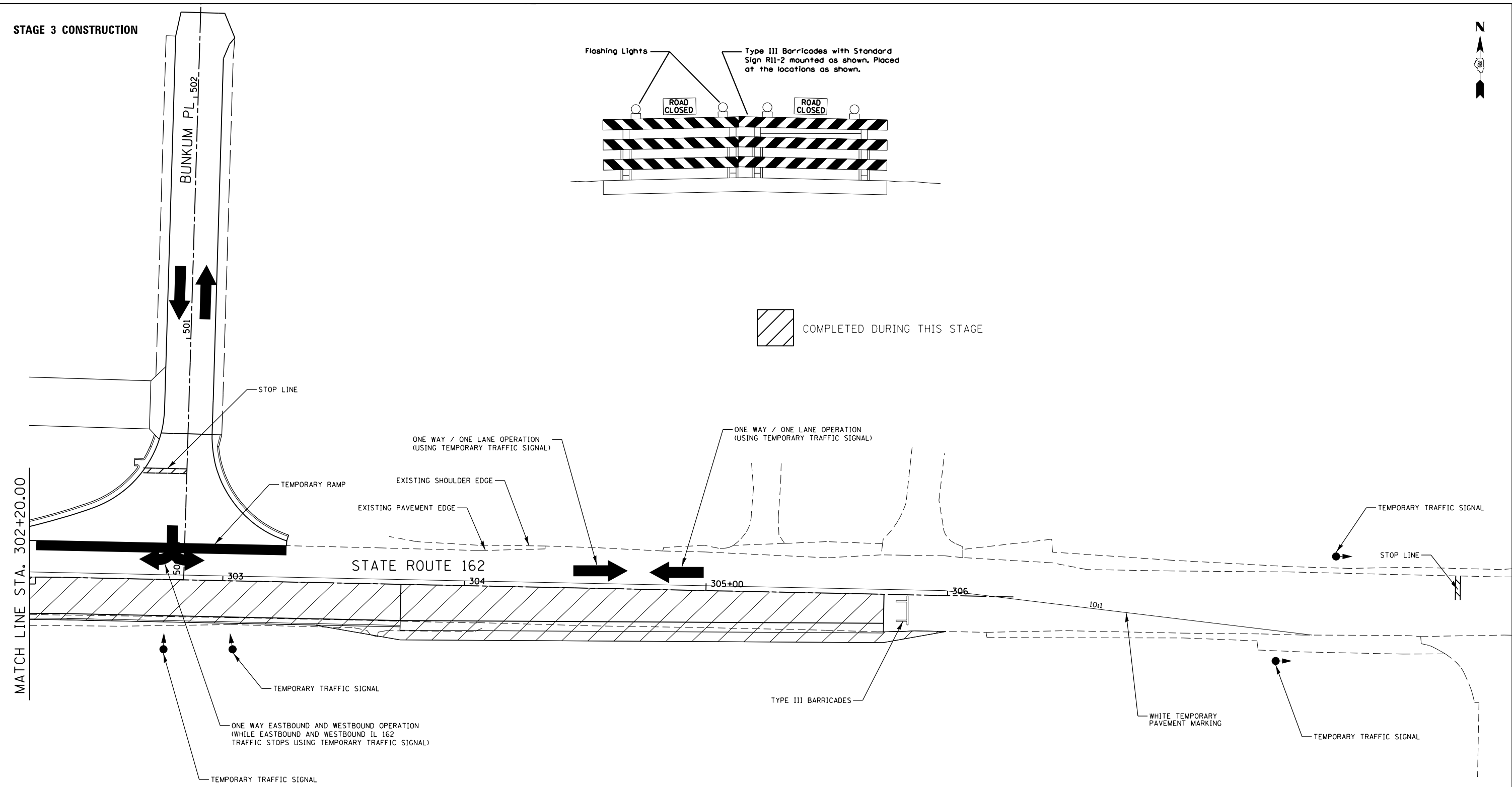
SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	27
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				

STAGE 3 CONSTRUCTION



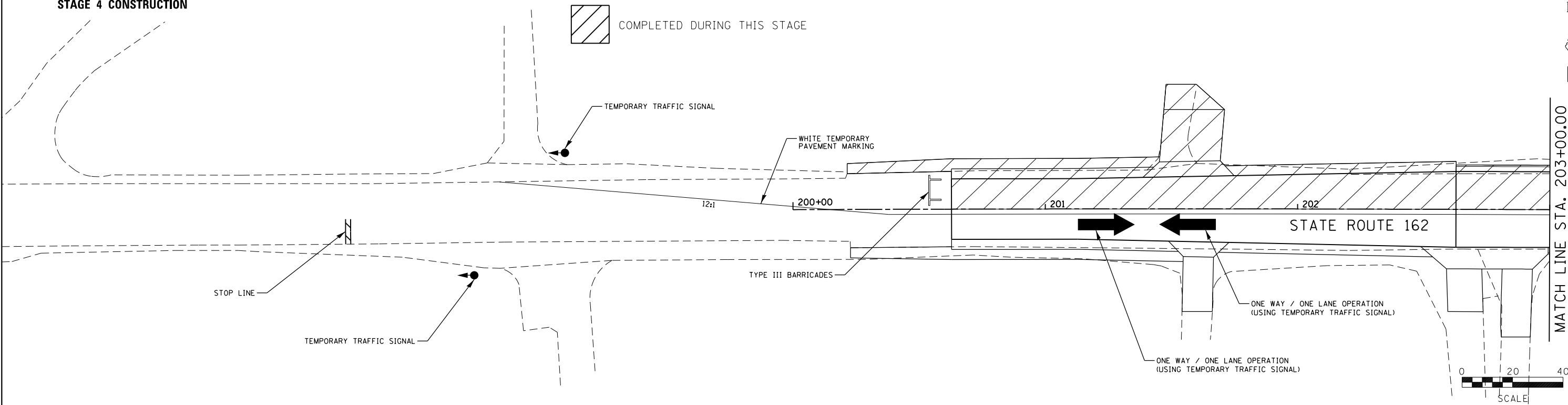
 COMPLETED DURING THIS STAGE



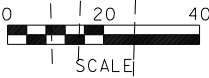
FILE NAME = stage003b.dgn	USER NAME = ramesh	DESIGNED - SAS	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	STAGE 3 CONSTRUCTION			F.A.P. RTE. 586	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 30
	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 4 OF 6 SHEETS	STA. TO STA.	CONTRACT NO. 97708				
JUNEAU JOB NO. E160720	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -		ILLINOIS FED. AID PROJECT							

STAGE 4 CONSTRUCTION

 COMPLETED DURING THIS STAGE

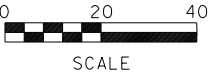
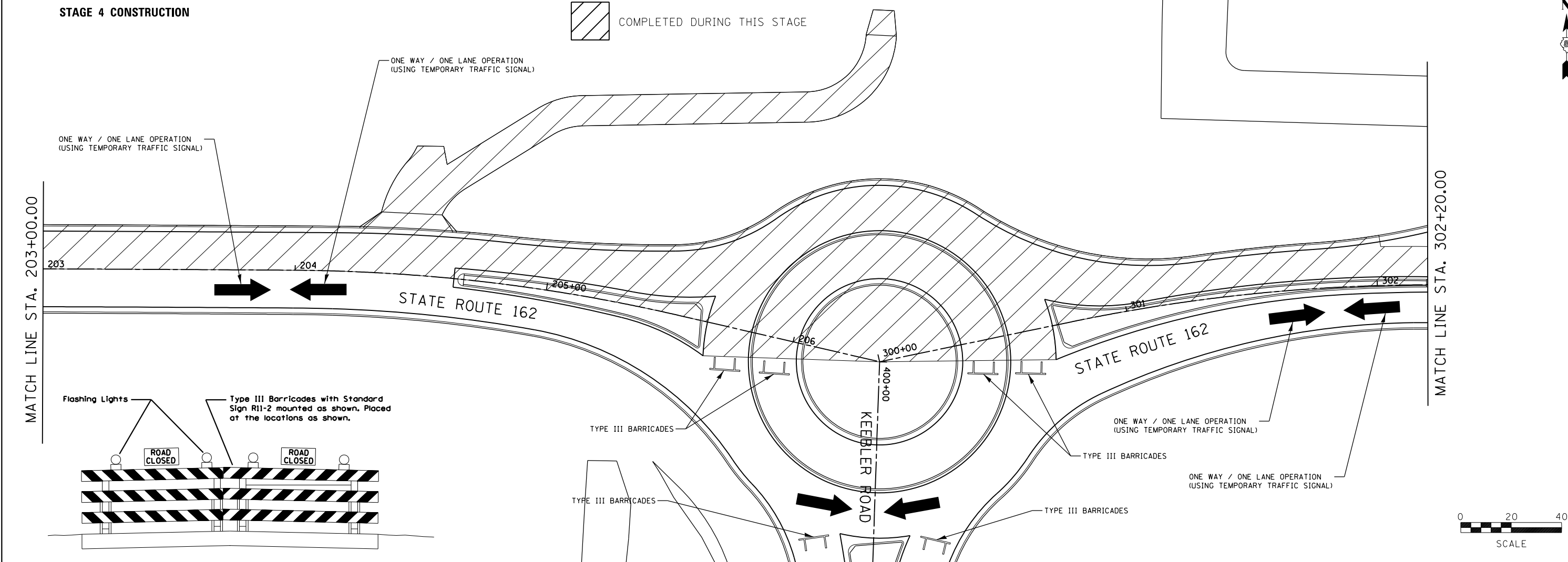


MATCH LINE STA. 203+00.00



STAGE 4 CONSTRUCTION

 COMPLETED DURING THIS STAGE



MATCH LINE STA. 203+00.00

MATCH LINE STA. 302+20.00

FILE NAME = stage004a.dgn
JUNEAU JOB NO. E160720

USER NAME = ramesh
PLOT SCALE = 40.0000' / in.
PLOT DATE = 6/28/2021

DESIGNED - SAS
DRAWN - RKR
CHECKED - BFK
DATE - 06/29/21

REVISED -
REVISED -
REVISED -
REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

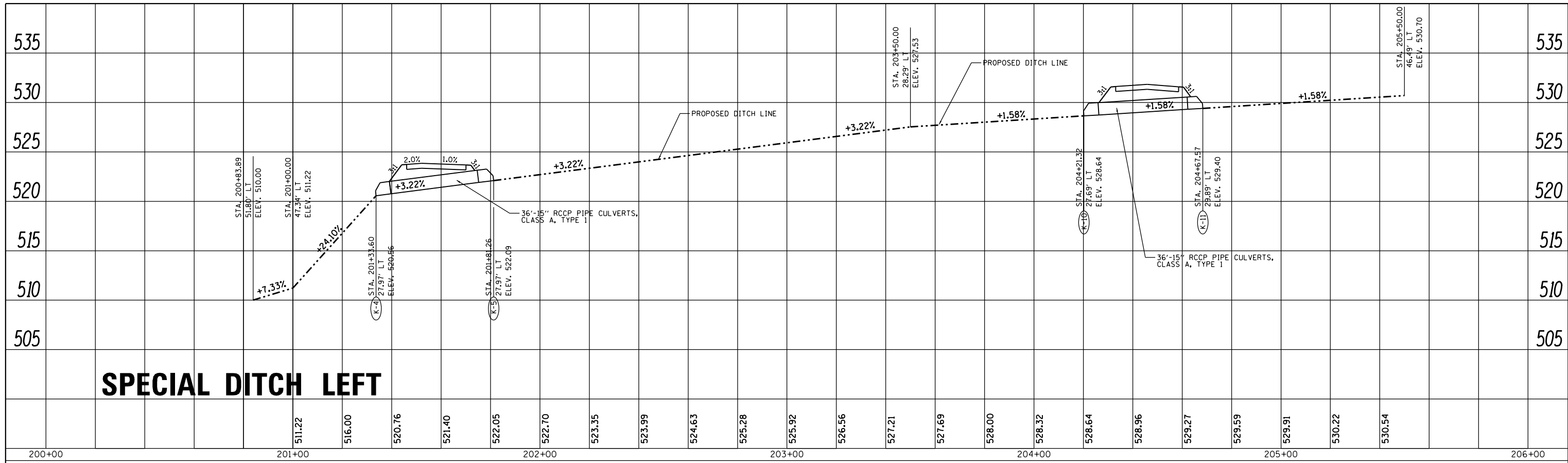
STAGE 4 CONSTRUCTION

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. TO STA.

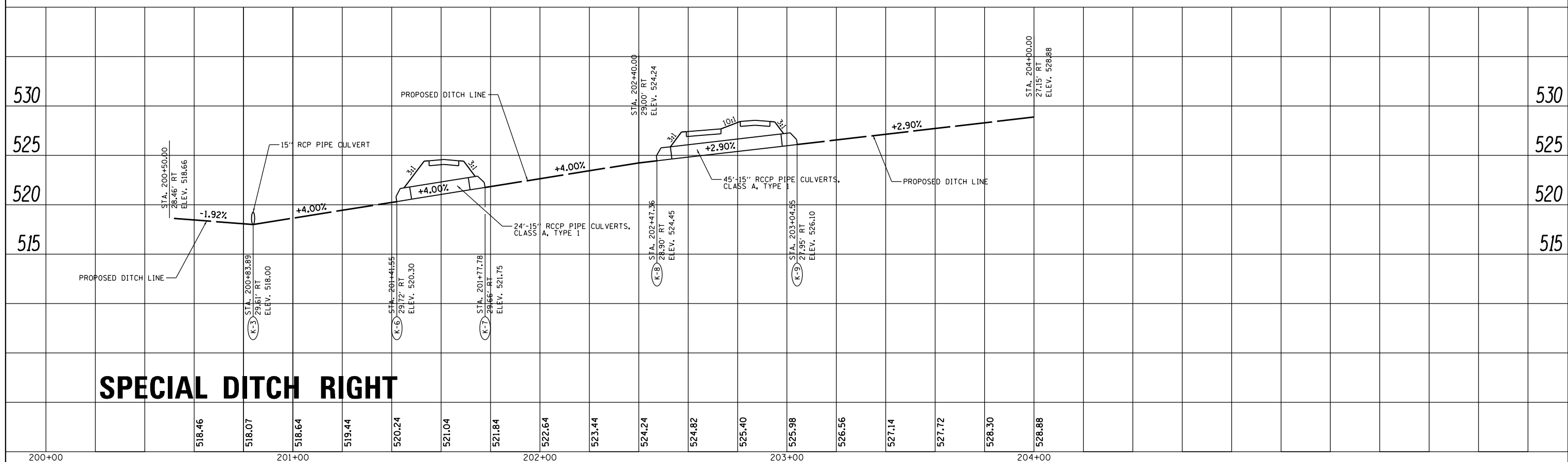
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	32
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



SPECIAL DITCH LEFT

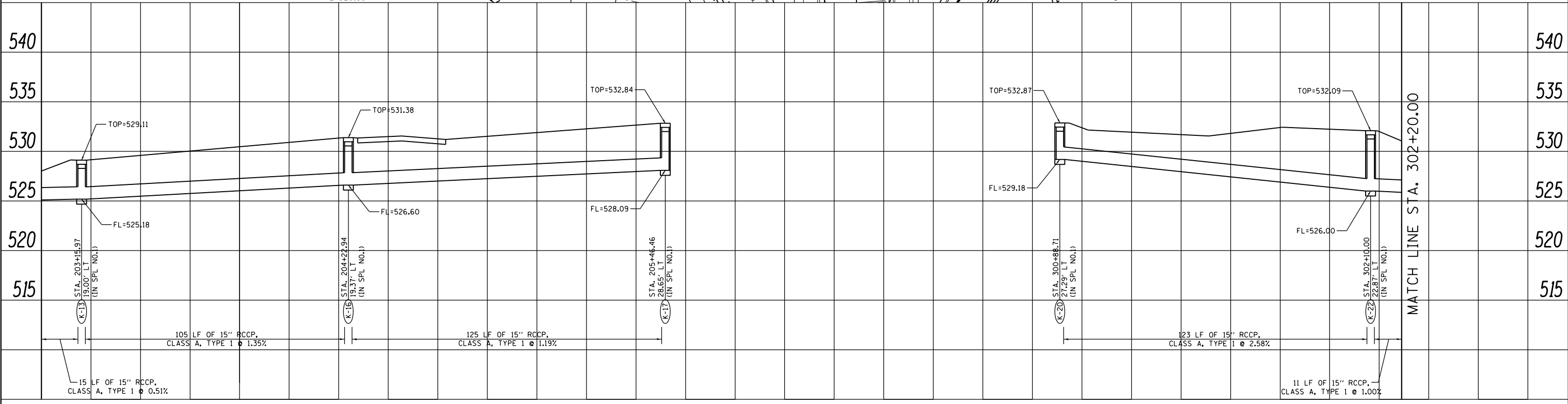
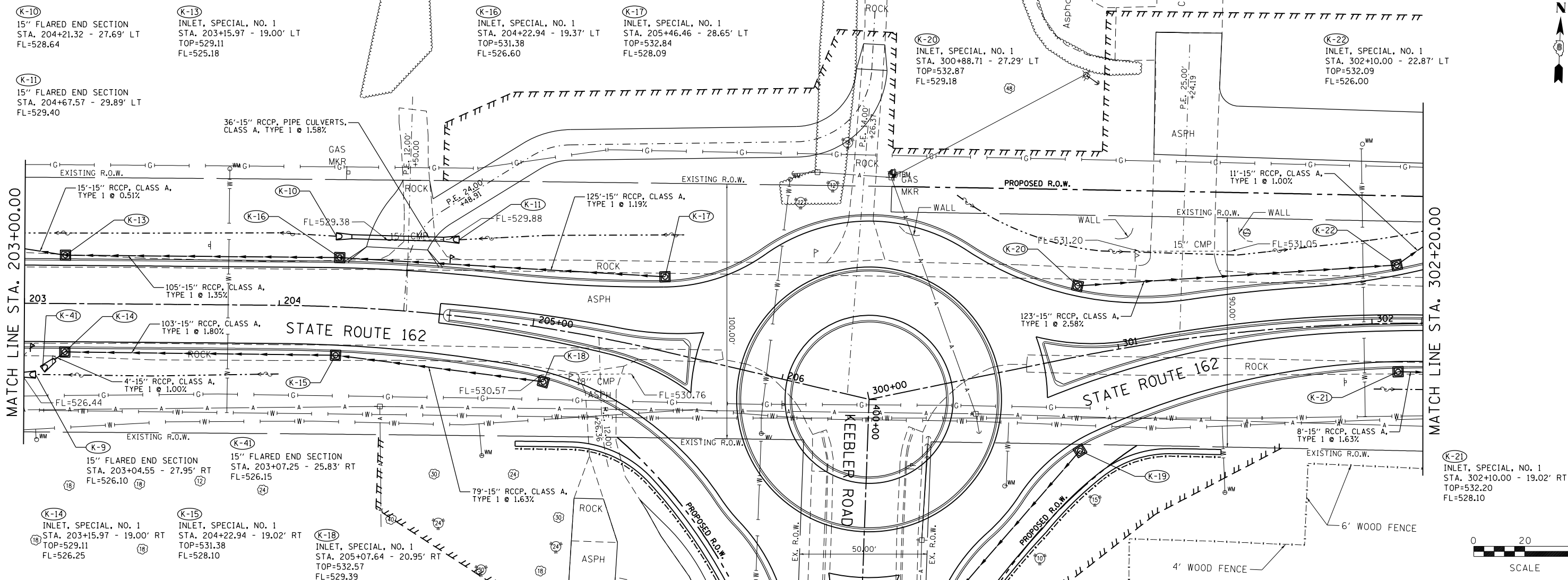


SPECIAL DITCH RIGHT

FILE NAME =	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	DRAINAGE DITCH PROFILES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
drain01a.dgn		DRAWN - RKR	REVISED -		586	16-00015-02-PV	MADISON	71	35	CONTRACT NO. 97708	
JUNEAU JOB NO. E160720		CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 2 OF 8 SHEETS	STA. 200+50.00 TO STA. 205+50.00	ILLINOIS FED. AID PROJECT			
		DATE - 06/29/21	REVISED -								

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
DESIGNED	
NO. _____	

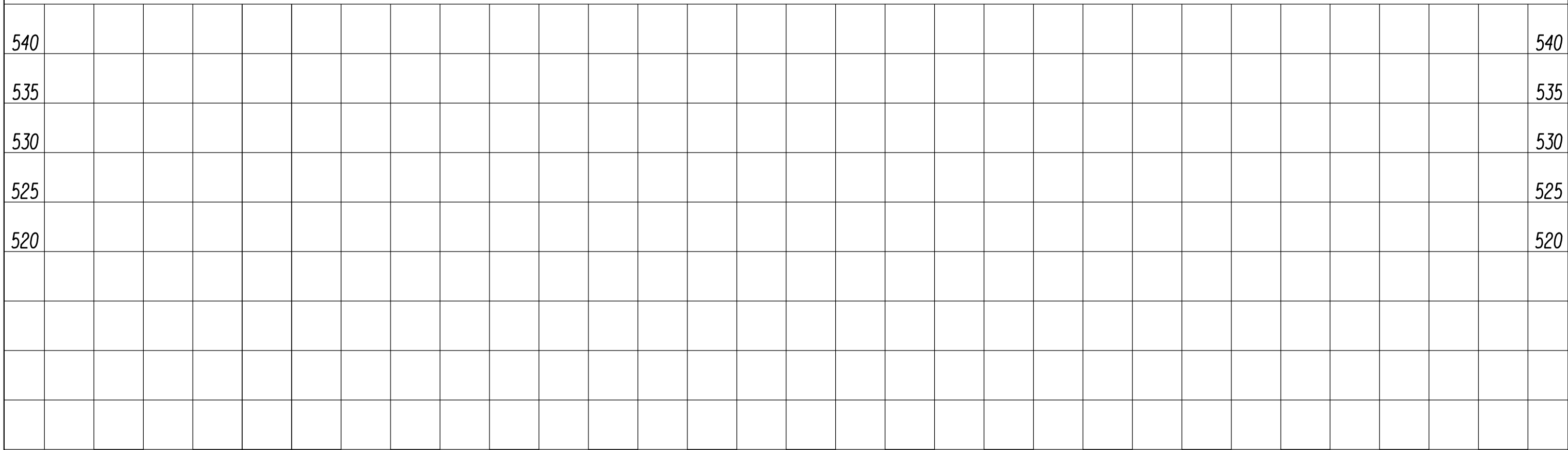
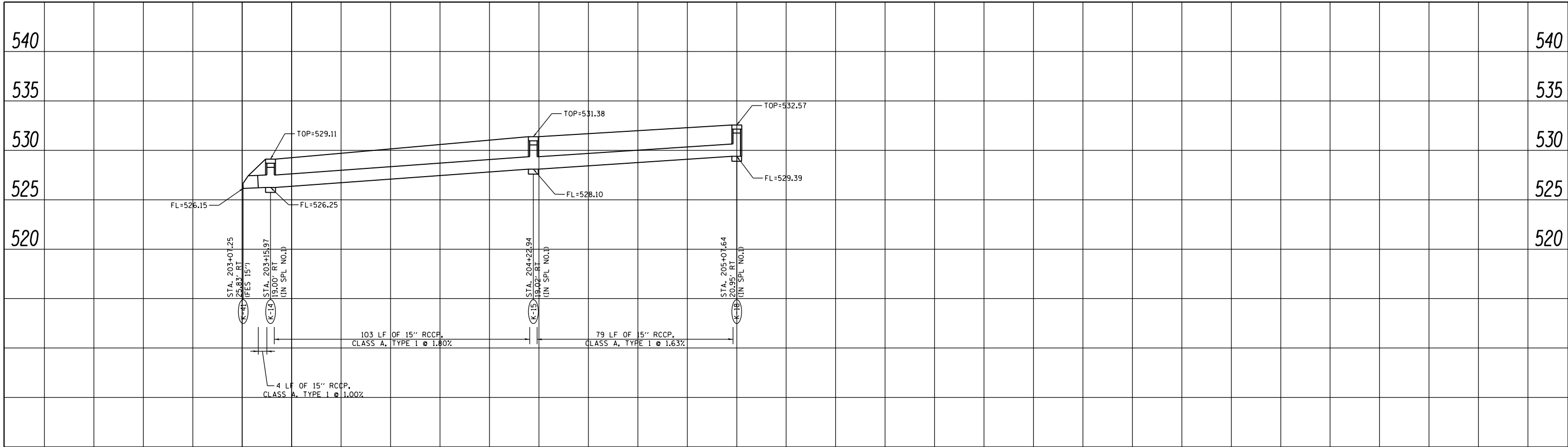
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NO. _____	



FILE NAME = drain02.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	DRAINAGE PLAN AND PROFILE			F.A.P. RTE. 586	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 36
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 3 OF 8 SHEETS	STA. 203+00.00 TO STA. 302+20.00	CONTRACT NO. 97708				
	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -		ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

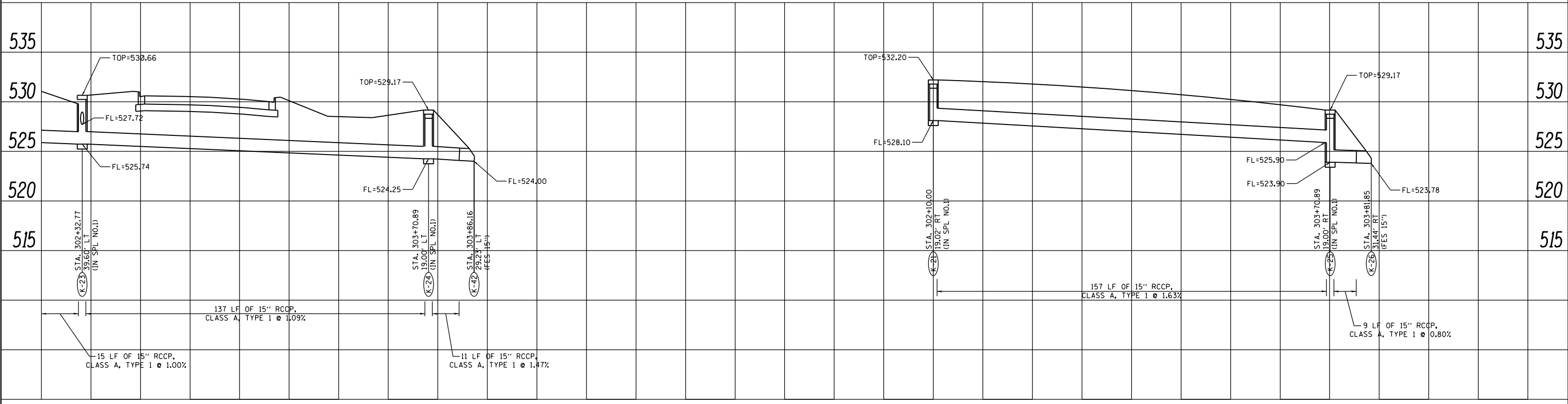
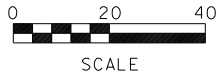
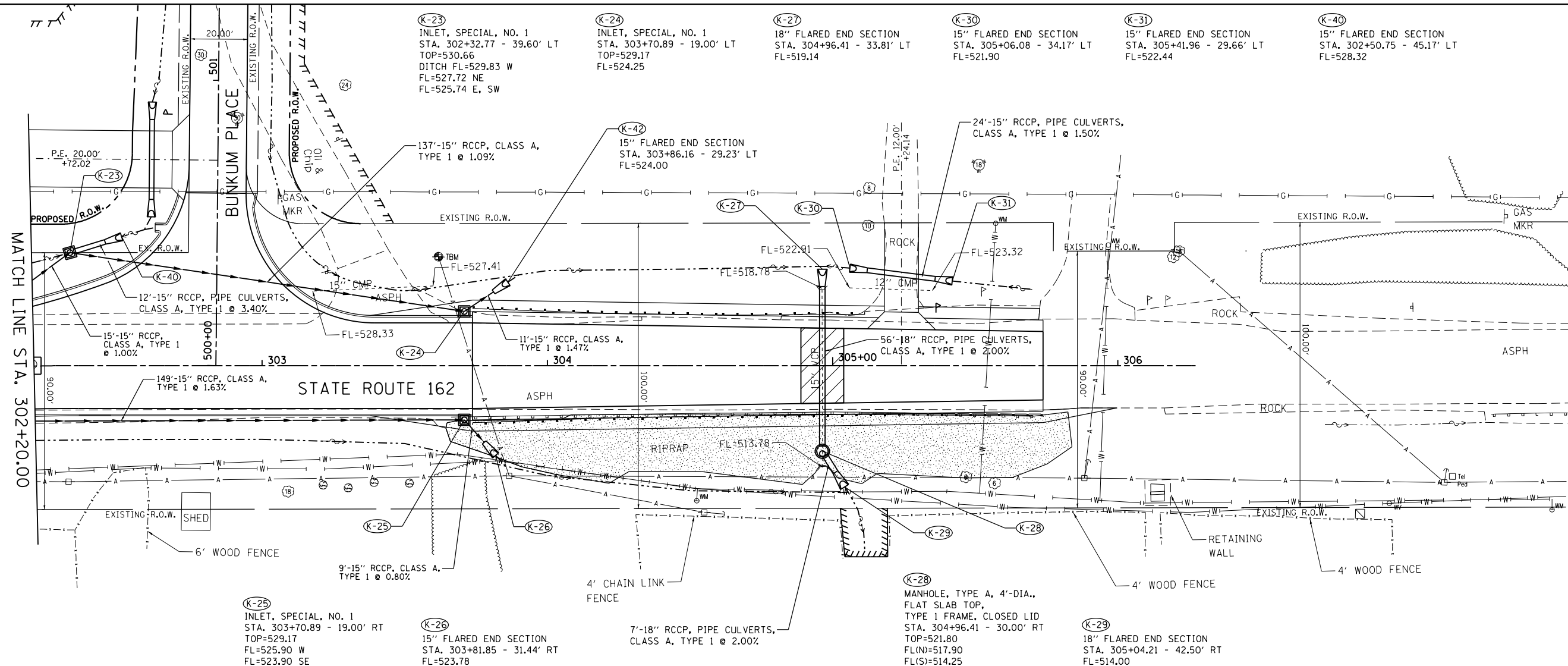
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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FILE NAME = drain02a.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	DRAINAGE PROFILES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	DRAWN - RKR	REVISED -		SCALE: 1"=20'	SHEET 4 OF 8 SHEETS	STA.	TO STA.	586	16-00015-02-PV	MADISON	71	37
	PLOT DATE = 6/28/2021	CHECKED - BFK	REVISED -						CONTRACT NO. 97708				
		DATE - 06/29/21	REVISED -						ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
NO. _____	
NOTE BOOK	
NO. _____	
CADD FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NO. _____	
NOTE BOOK	
NO. _____	



FILE NAME =
drain03.dgn

USER NAME = ramesh

DESIGNED - BFK
DRAWN - RKR
CHECKED - BFK
DATE - 06/29/21

REVISED -
REVISED -
REVISED -
REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

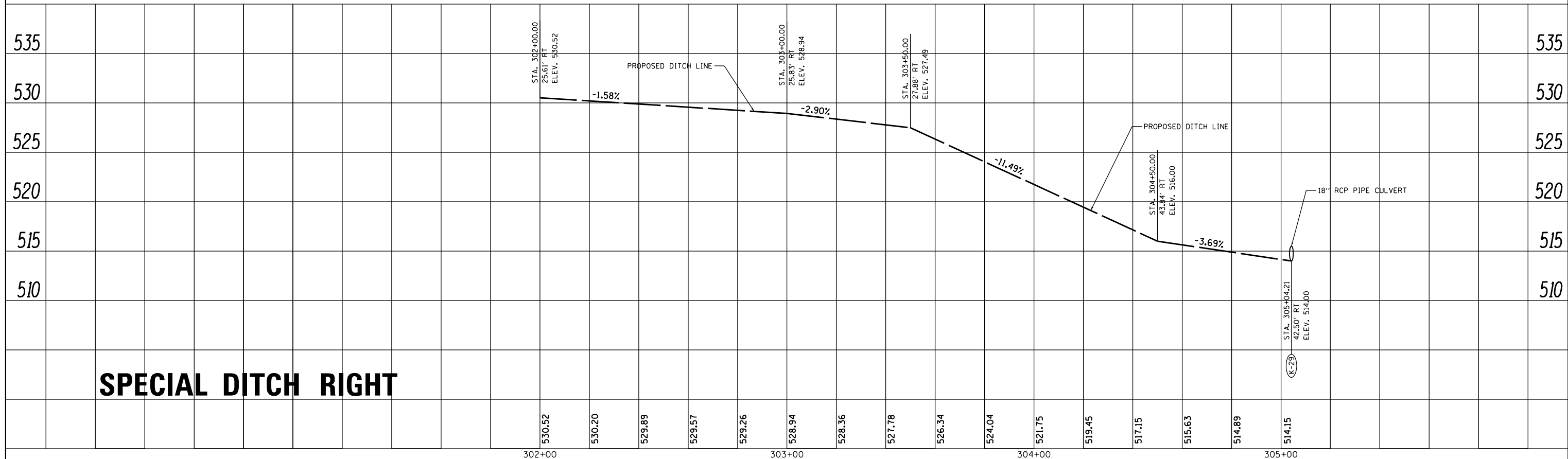
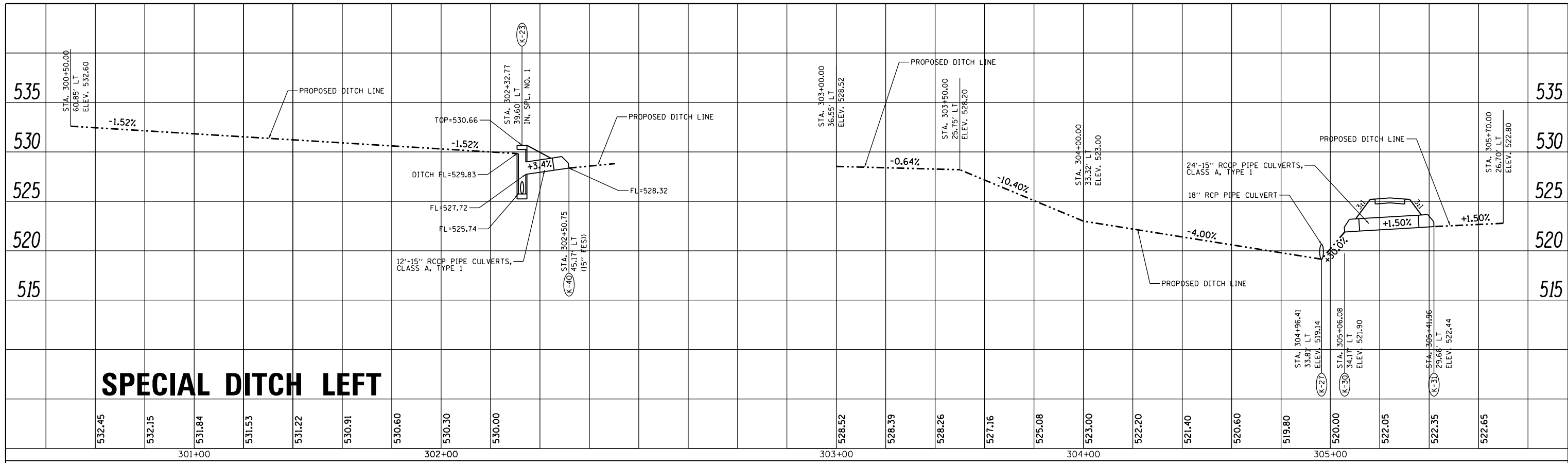
DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 5 OF 8 SHEETS STA. 302+20.00 TO STA. 306+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	38
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				

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

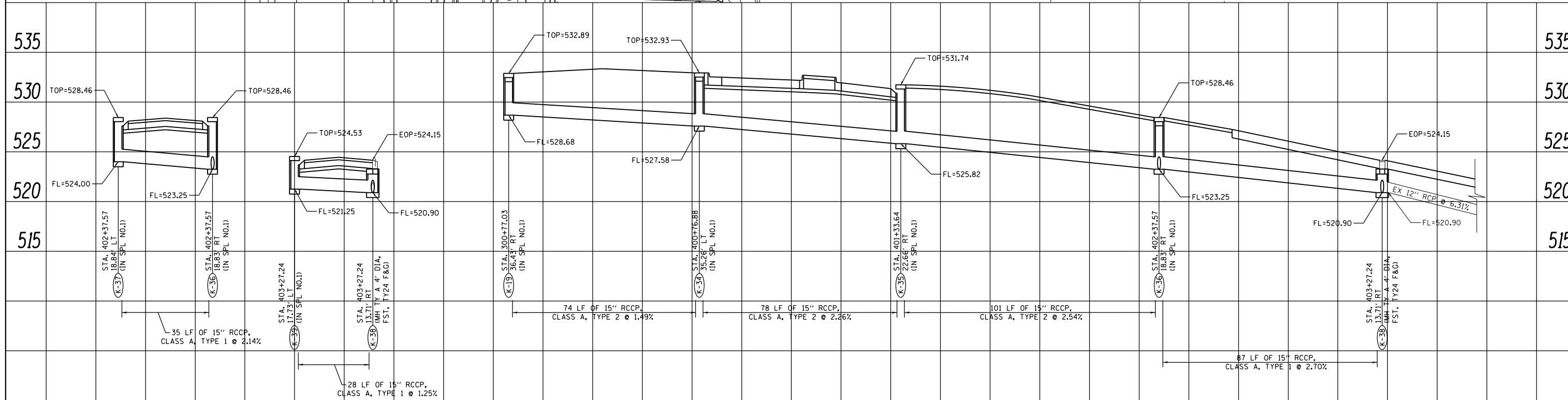
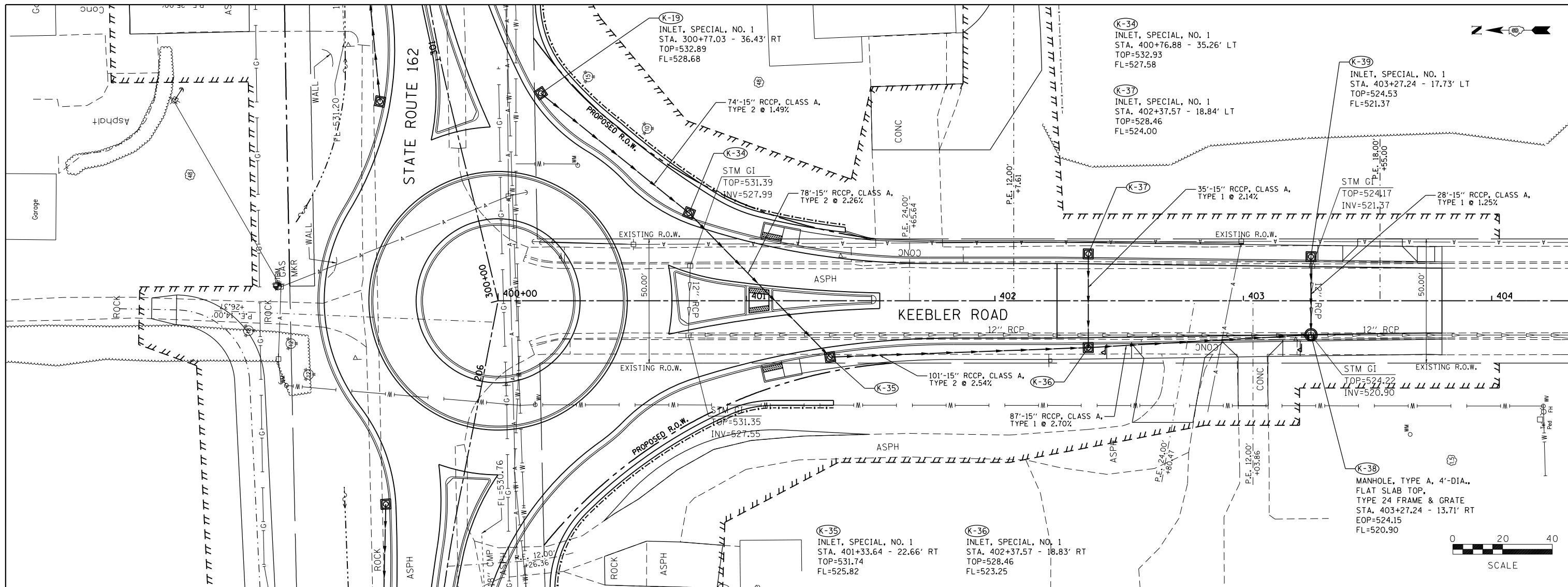
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	



FILE NAME = drain03a.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	DRAINAGE DITCH PROFILES			F.A.P. RTE. = 586	SECTION = 16-00015-02-PV	COUNTY = MADISON	TOTAL SHEETS = 71	SHEET NO. = 39
JUNEAU JOB NO. E160720	PLOT DATE = 6/28/2021	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 6 OF 8 SHEETS	STA. 300+50.00 TO STA. 305+70.00	CONTRACT NO. 97708				
		DATE - 06/29/21	REVISED -		ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	GRADES	NO.
	STRUCTURE	FILE NAME
	NOTATIONS	

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



FILE NAME = drain05.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	DRAINAGE PLAN AND PROFILE			F.A.U. R.T.E. = 9135	SECTION = 16-00015-02-PV	COUNTY = MADISON	TOTAL SHEETS = 71	SHEET NO. = 41
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 8 OF 8 SHEETS	STA. 400+00.00 TO STA. 403+80.00	CONTRACT NO. 97708				
	PLOT DATE = 6/28/2021	DATE = 06/29/21	REVISED -		ILLINOIS FED. AID PROJECT							



N.W. QUADRANT

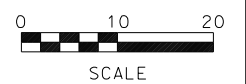
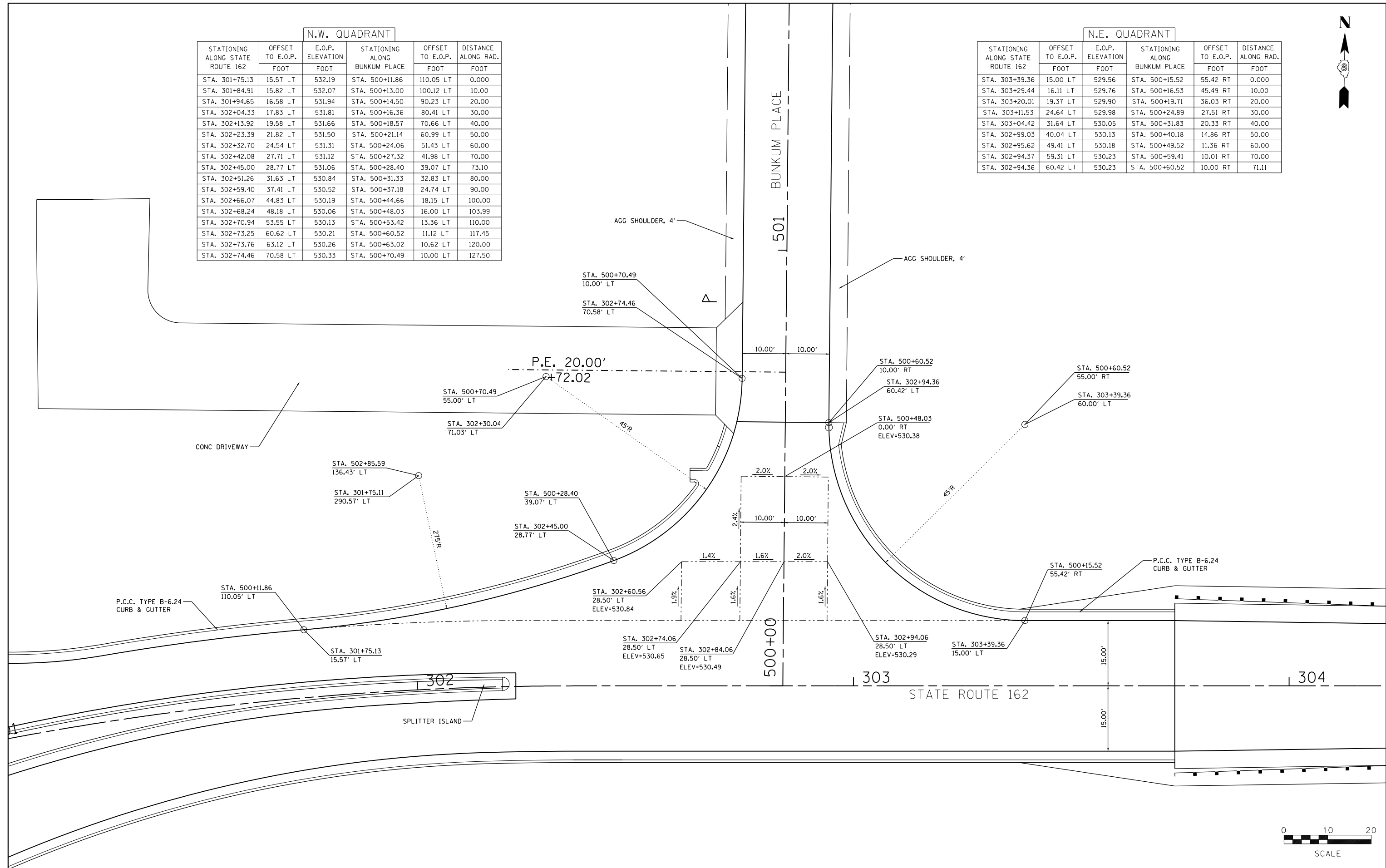
STATIONING ALONG STATE ROUTE 162	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG BUNKUM PLACE	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
STA. 301+84.91	15.82 LT	532.07	STA. 500+13.00	100.12 LT	10.00
STA. 301+94.65	16.58 LT	531.94	STA. 500+14.50	90.23 LT	20.00
STA. 302+04.33	17.83 LT	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

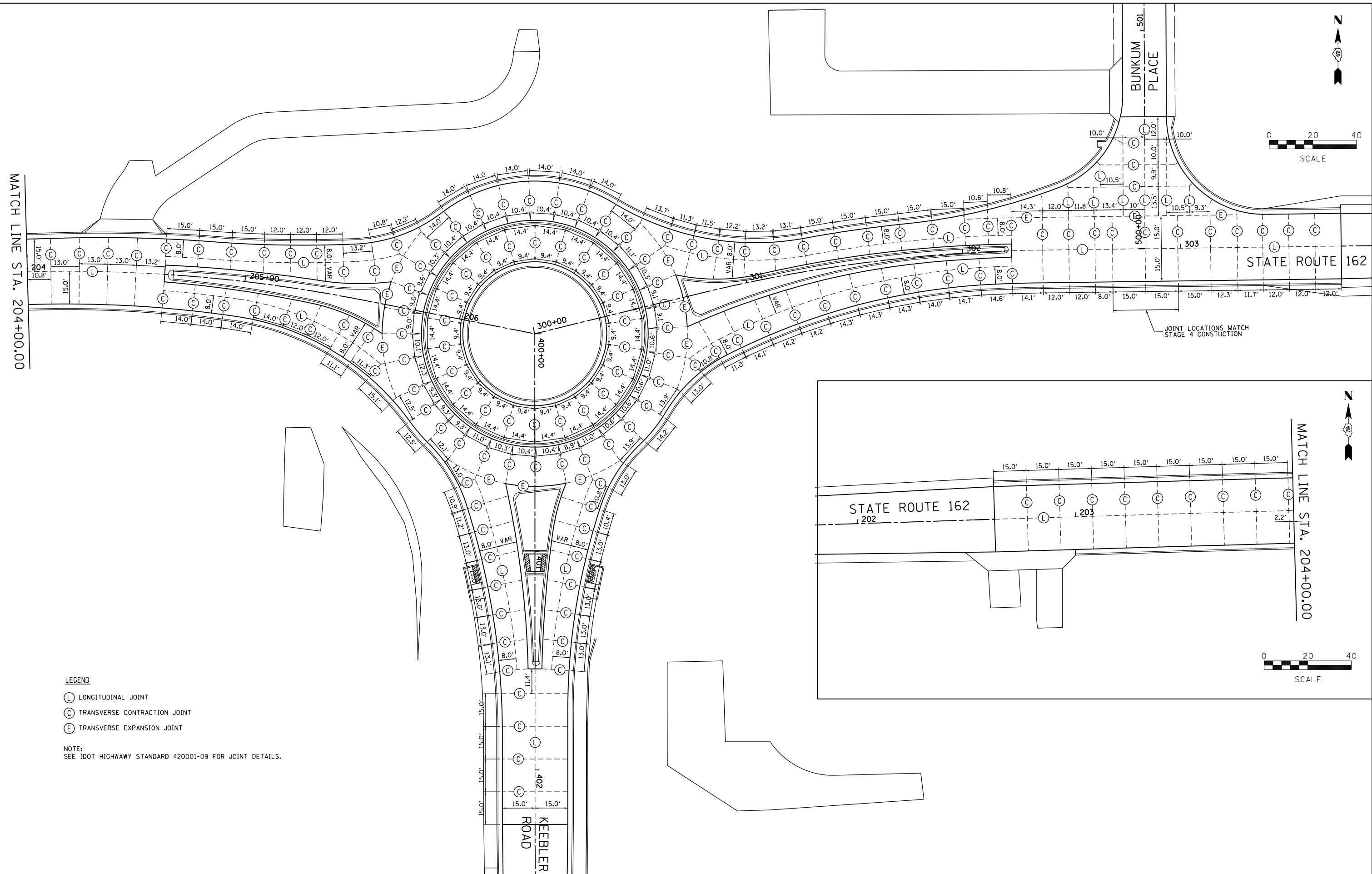
STATIONING ALONG STATE ROUTE 162	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG BUNKUM PLACE	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
STA. 303+29.44	16.11 LT	529.76	STA. 500+16.53	45.49 RT	10.00
STA. 303+20.01	19.37 LT	529.90	STA. 500+19.71	36.03 RT	20.00
STA. 303+11.53	24.64 LT	529.98	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

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

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



FILE NAME = GEOMETRICS 02.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	GEOMETRICS		F.A.P. RTE. = 586	SECTION = 16-00015-02-PV	COUNTY = MADISON	TOTAL SHEETS = 71	SHEET NO. = 43	
JUNEAU JOB NO. E160720	PLOT SCALE = 20.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=10'	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 97708				
	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -		ILLINOIS FED. AID PROJECT							



LEGEND

- (L) LONGITUDINAL JOINT
- (C) TRANSVERSE CONTRACTION JOINT
- (E) TRANSVERSE EXPANSION JOINT

NOTE:
SEE IDOT HIGHWAY STANDARD 420001-09 FOR JOINT DETAILS.

FILE NAME =
jointing01.dgn
JUNEAU JOB NO. E160720

USER NAME = ramesh
PLOT SCALE = 40.0000' / in.
PLOT DATE = 6/28/2021

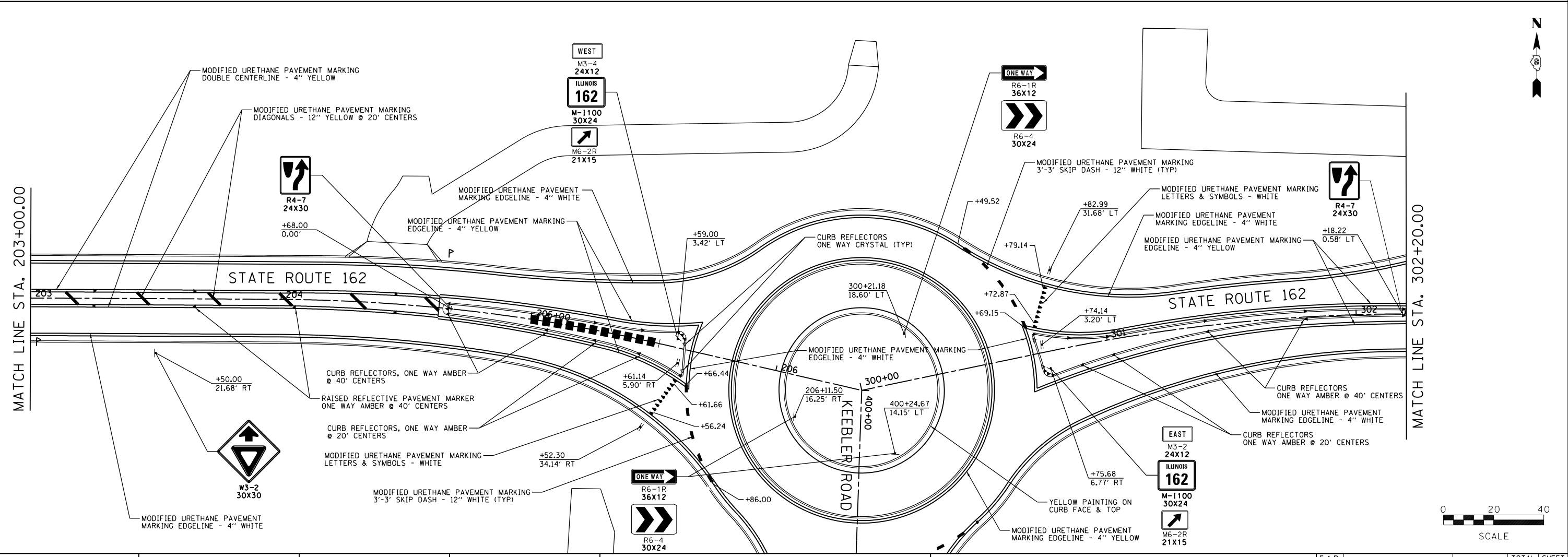
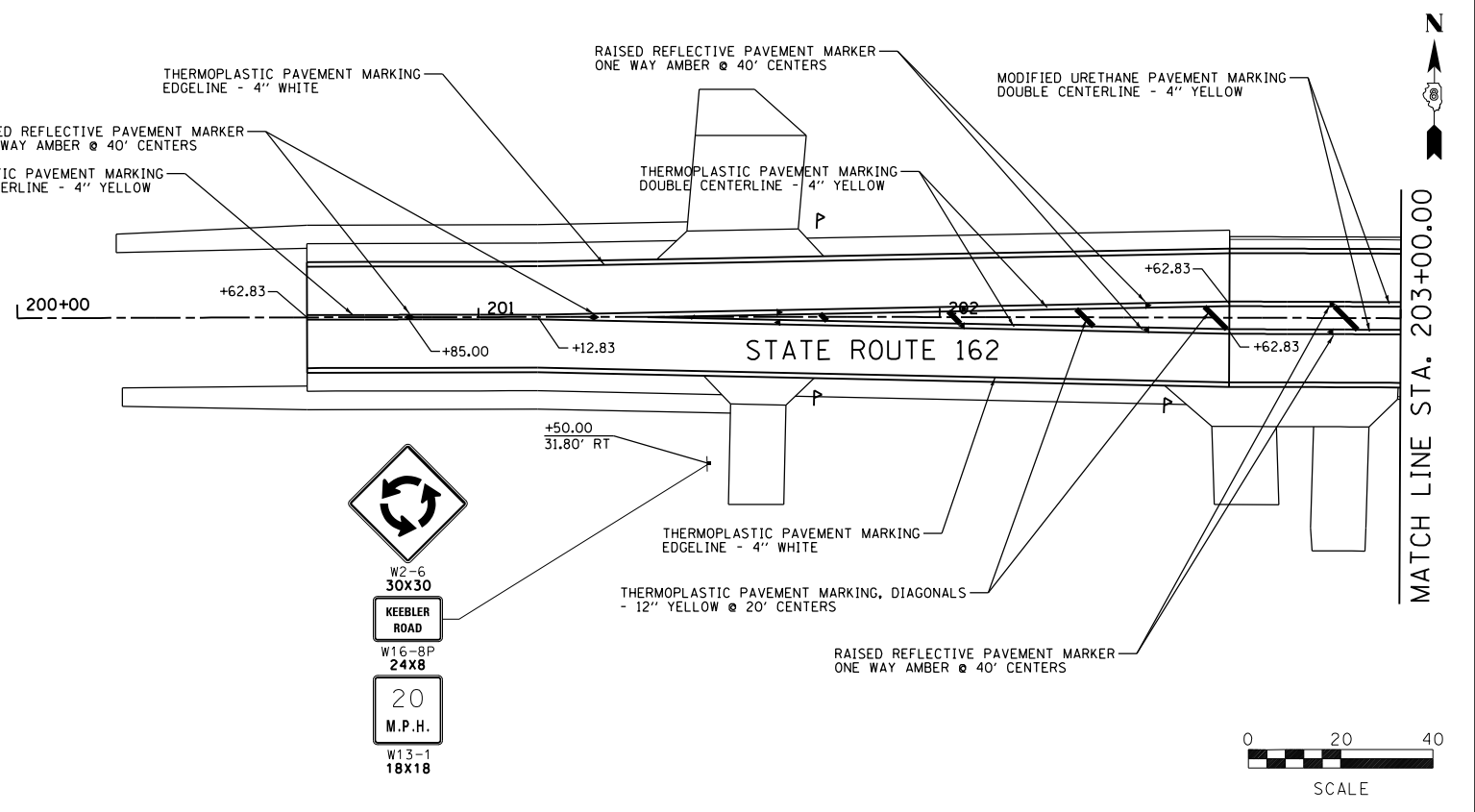
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DRAWN - JJB
CHECKED - BFK
DATE - 06/29/21

REVISED -
REVISED -
REVISED -
REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	44
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



FILE NAME = pmark01.dgn
 JUNE/20 JOB NO. E160720

USER NAME = ramesh
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 6/28/2021

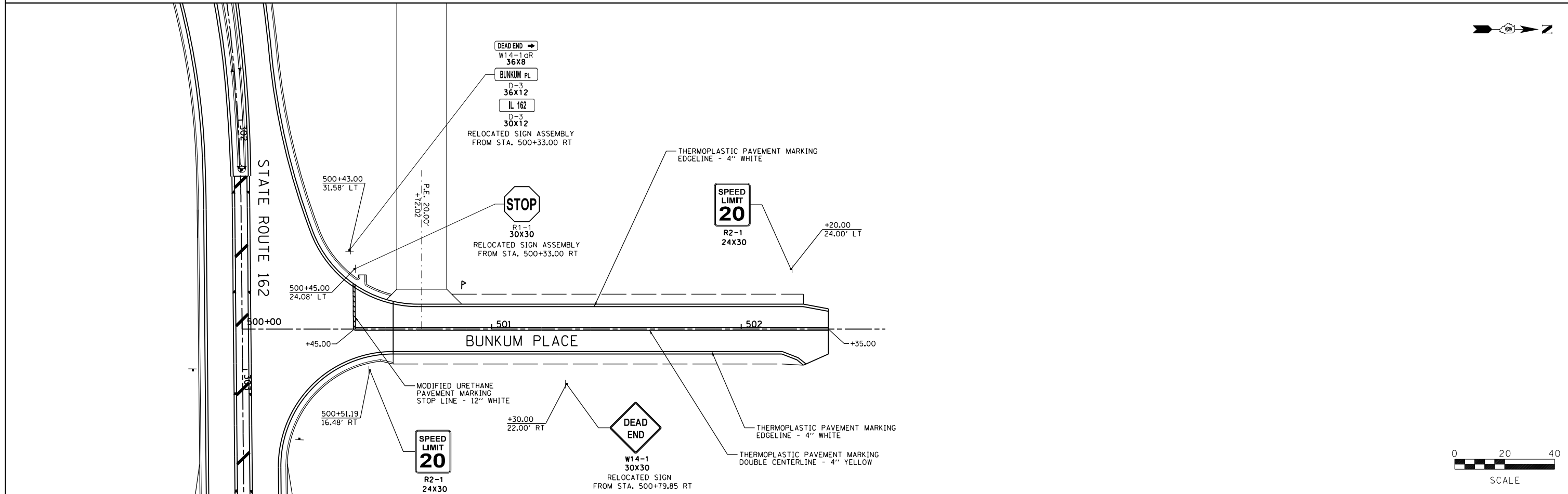
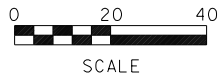
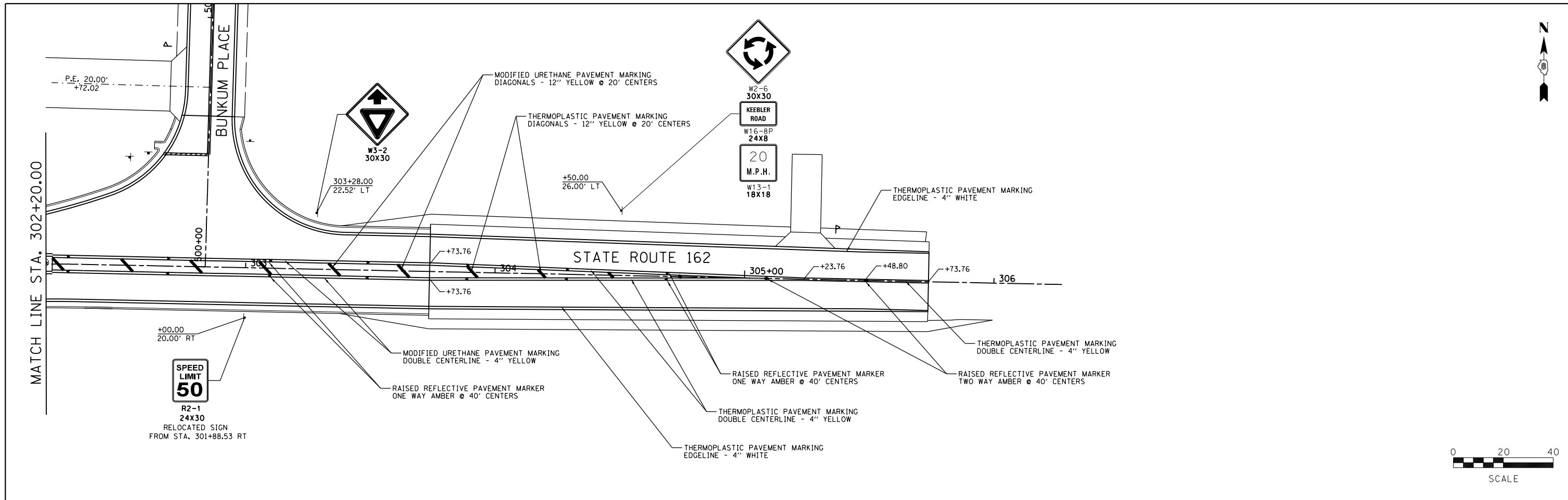
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 DRAWN - RKR
 CHECKED - BFK
 DATE - 06/29/21

REVISED -
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 REVISED -

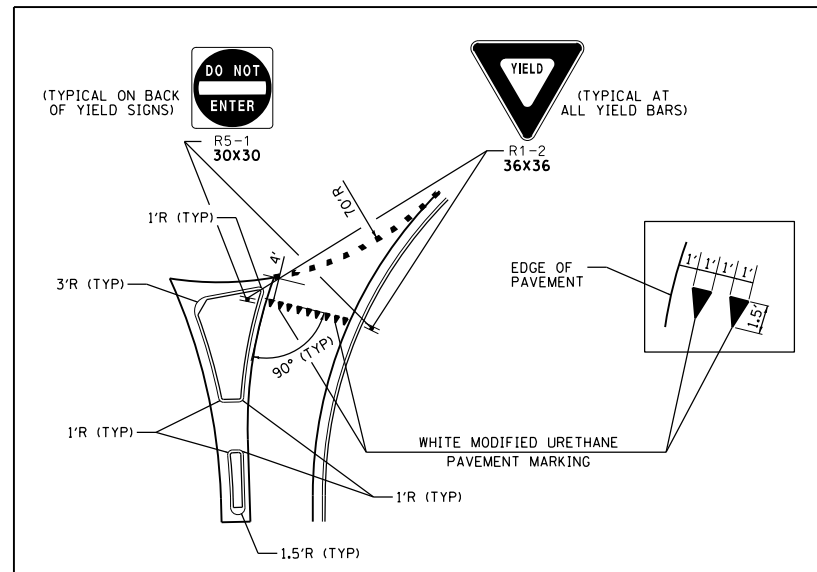
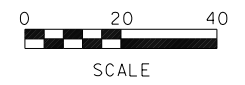
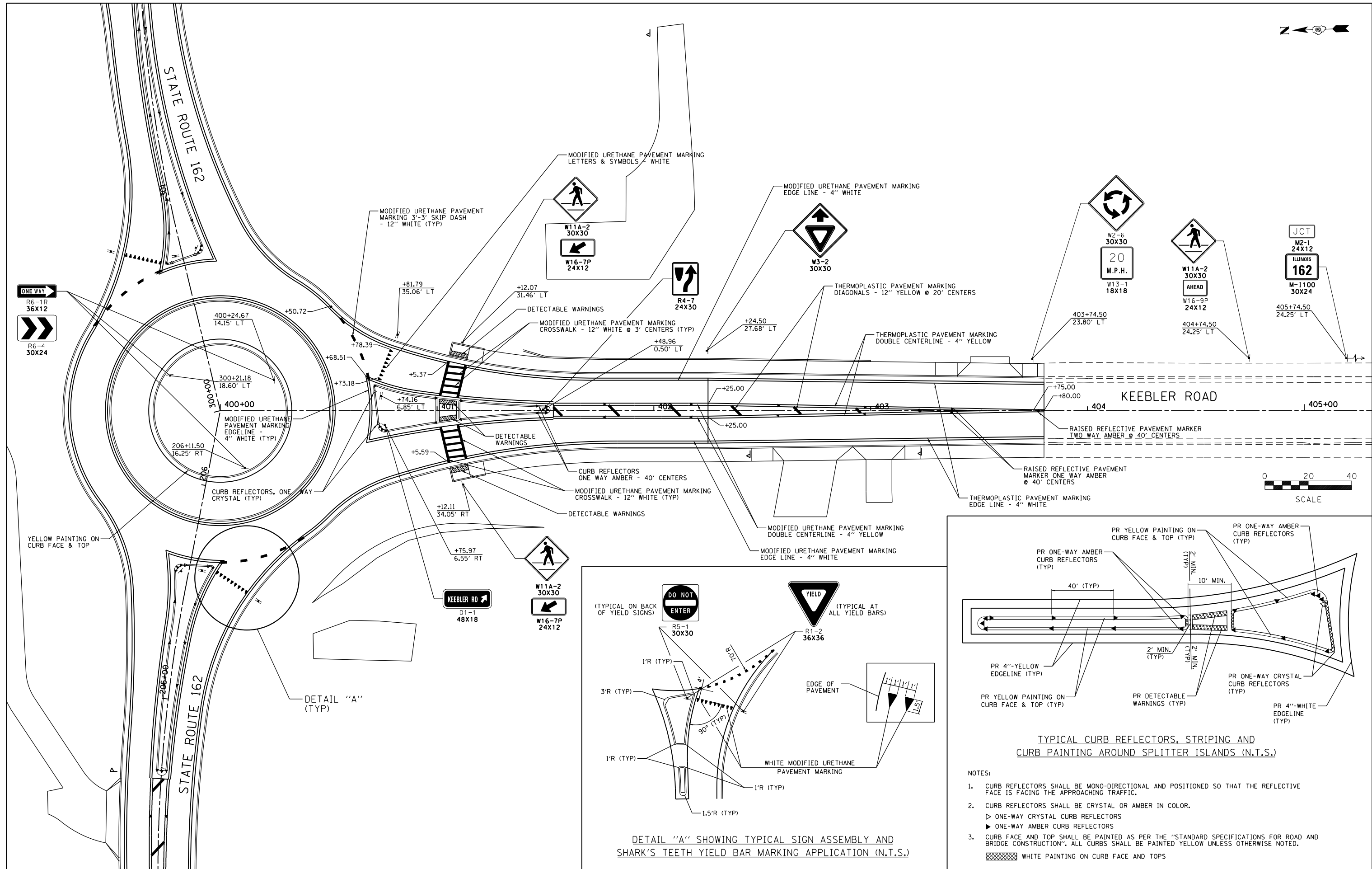
**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

PAVEMENT MARKINGS
 SCALE: 1"=20'
 SHEET 1 OF 3 SHEETS
 STA. TO STA.

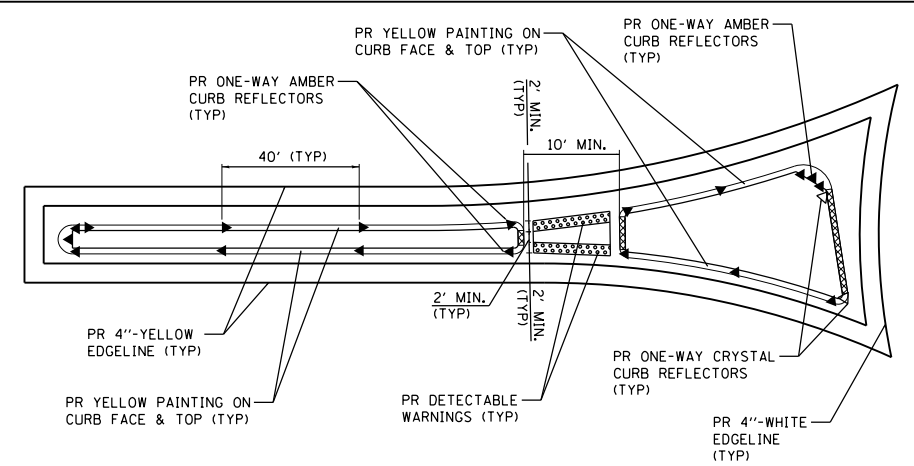
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	45
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



FILE NAME = pmark02.dgn	USER NAME = ramesh	DESIGNED - SAS	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	PAVEMENT MARKINGS			F.A.P. RTE. 586	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 46
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 97708			
	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -		ILLINOIS FED. AID PROJECT							



DETAIL "A" SHOWING TYPICAL SIGN ASSEMBLY AND SHARK'S TEETH YIELD BAR MARKING APPLICATION (N.T.S.)



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

FILE NAME = pmark03.dgn
 JUNE/01 JOB NO. E160720

USER NAME = ramesh
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 6/28/2021

DESIGNED - SAS
 DRAWN - RKR
 CHECKED - BFK
 DATE - 06/29/21

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

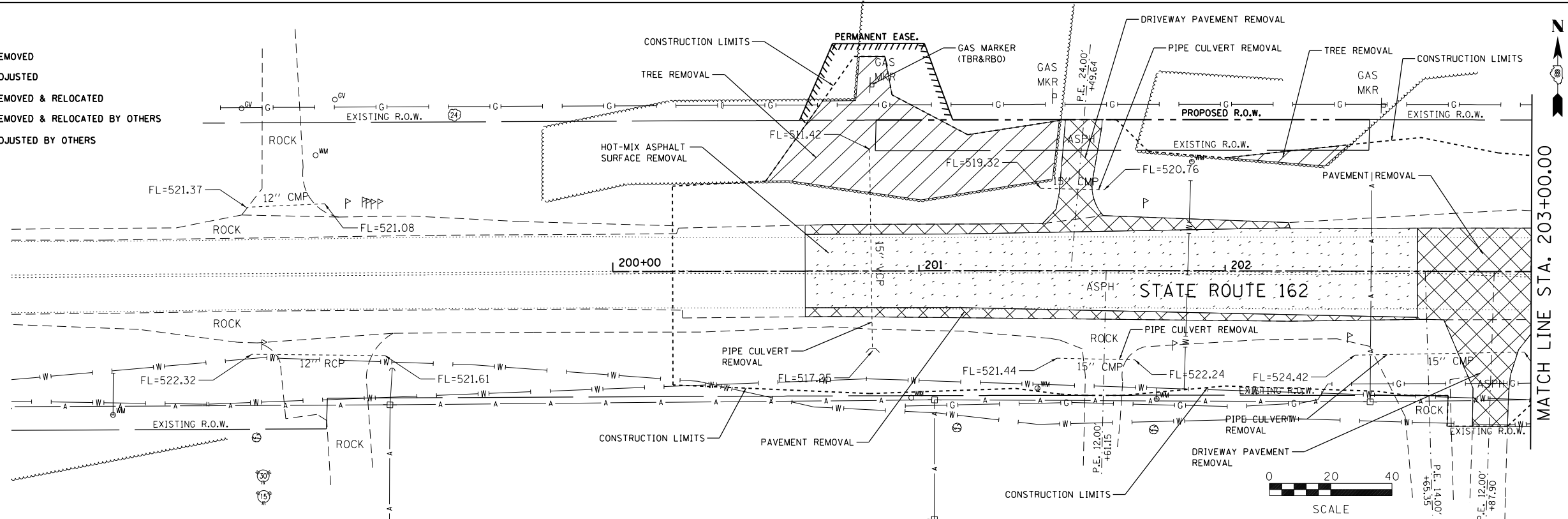
PAVEMENT MARKINGS

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9135	16-00015-02-PV	MADISON	71	47
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				

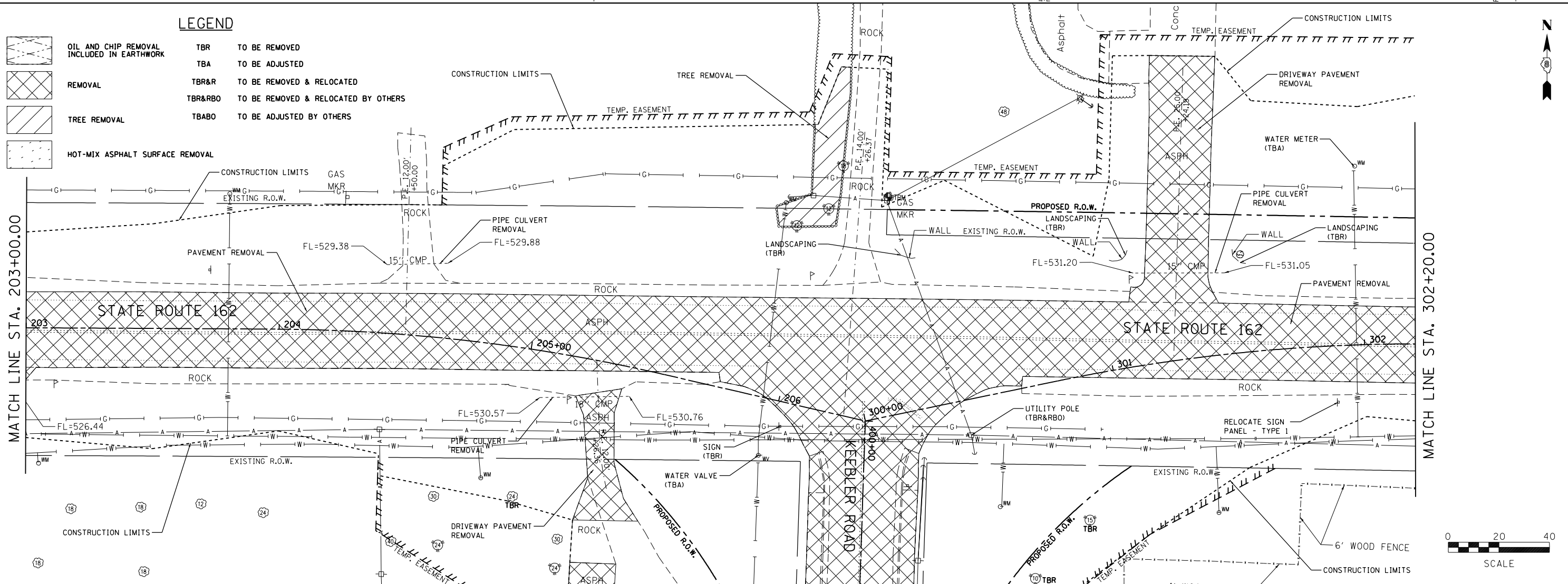
LEGEND

	OIL AND CHIP REMOVAL INCLUDED IN EARTHWORK	TBR	TO BE REMOVED
	REMOVAL	TBA	TO BE ADJUSTED
	TREE REMOVAL	TBR&R	TO BE REMOVED & RELOCATED
	HOT-MIX ASPHALT SURFACE REMOVAL	TBR&RBO	TO BE REMOVED & RELOCATED BY OTHERS
		TBABO	TO BE ADJUSTED BY OTHERS



LEGEND

	OIL AND CHIP REMOVAL INCLUDED IN EARTHWORK	TBR	TO BE REMOVED
	REMOVAL	TBA	TO BE ADJUSTED
	TREE REMOVAL	TBR&R	TO BE REMOVED & RELOCATED
	HOT-MIX ASPHALT SURFACE REMOVAL	TBR&RBO	TO BE REMOVED & RELOCATED BY OTHERS
		TBABO	TO BE ADJUSTED BY OTHERS



FILE NAME = ero01.dgn
 JUNE/JULY JOB NO. E160720

USER NAME = ramesh
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 6/28/2021

DESIGNED - SAS
 DRAWN - RKR
 CHECKED - BFK
 DATE - 06/29/21

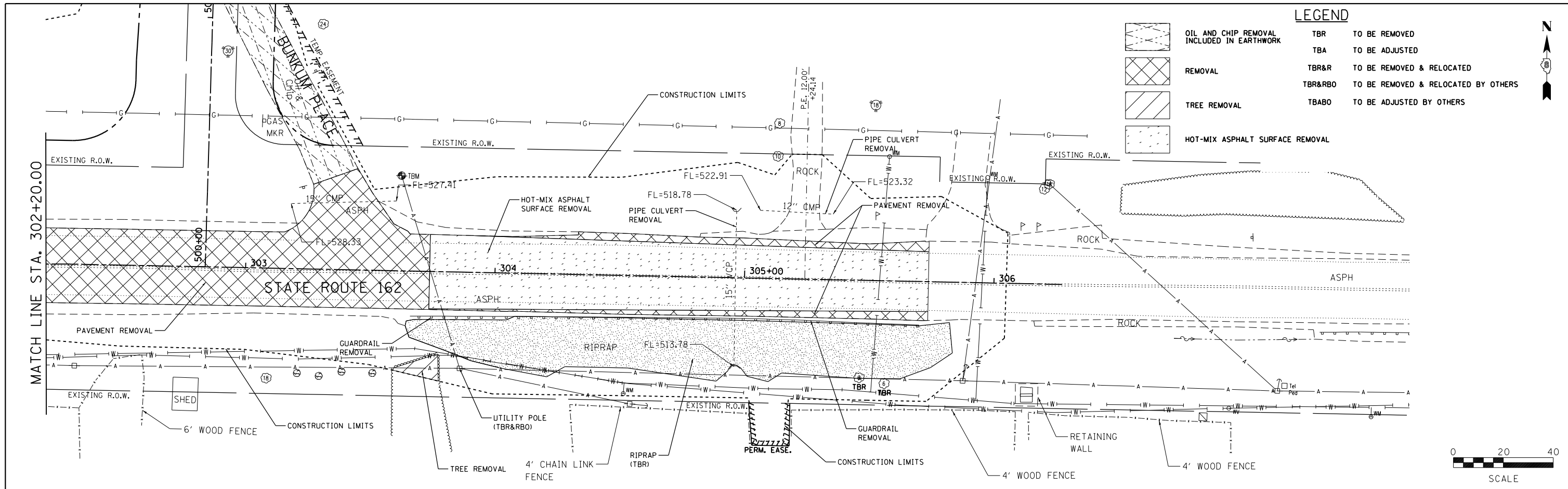
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

REMOVAL

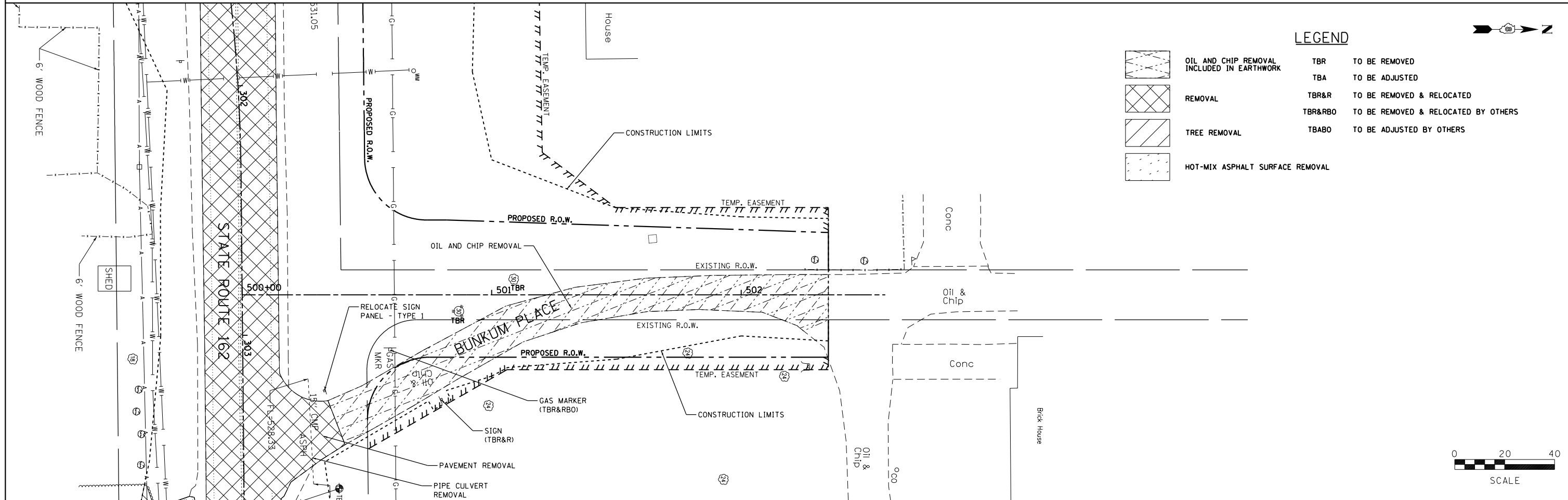
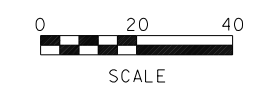
SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	48
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



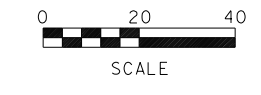
LEGEND

[Hatched pattern]	OIL AND CHIP REMOVAL INCLUDED IN EARTHWORK	TBR	TO BE REMOVED
[Cross-hatched pattern]	REMOVAL	TBA	TO BE ADJUSTED
[Diagonal lines]	TREE REMOVAL	TBR&R	TO BE REMOVED & RELOCATED
[Dotted pattern]	HOT-MIX ASPHALT SURFACE REMOVAL	TBR&RBO	TO BE REMOVED & RELOCATED BY OTHERS
		TB&BO	TO BE ADJUSTED BY OTHERS

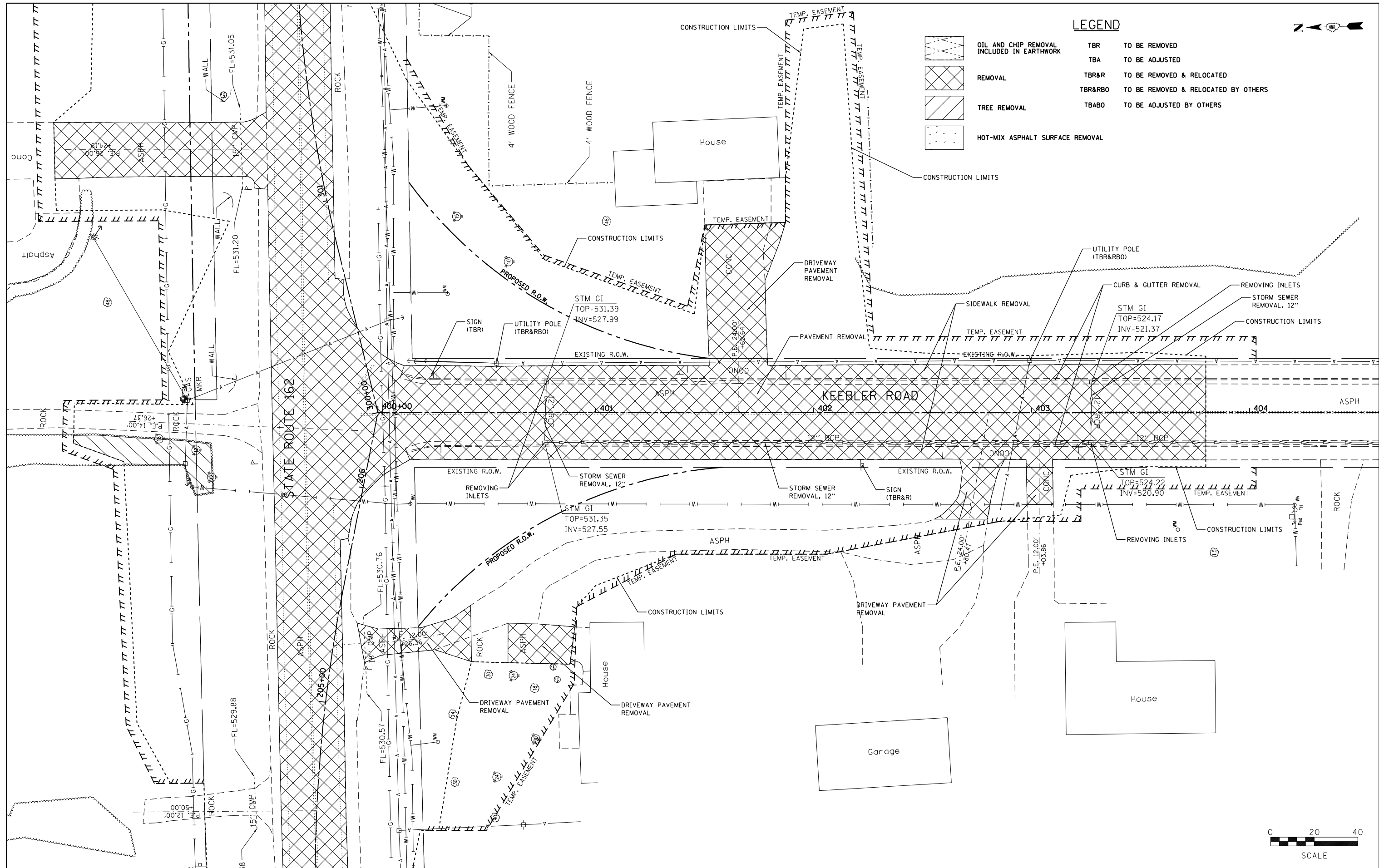


LEGEND

[Hatched pattern]	OIL AND CHIP REMOVAL INCLUDED IN EARTHWORK	TBR	TO BE REMOVED
[Cross-hatched pattern]	REMOVAL	TBA	TO BE ADJUSTED
[Diagonal lines]	TREE REMOVAL	TBR&R	TO BE REMOVED & RELOCATED
[Dotted pattern]	HOT-MIX ASPHALT SURFACE REMOVAL	TBR&RBO	TO BE REMOVED & RELOCATED BY OTHERS
		TB&BO	TO BE ADJUSTED BY OTHERS



FILE NAME = erc02.dgn	USER NAME = ramesh	DESIGNED - SAS	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	REMOVAL		F.A.P. RTE. 586	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 49	
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	DRAWN - RKR	REVISED -		SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 97708				
	PLOT DATE = 6/28/2021	CHECKED - BFK	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 06/29/21	REVISED -									



LEGEND

	OIL AND CHIP REMOVAL INCLUDED IN EARTHWORK	TBR	TO BE REMOVED
	REMOVAL	TBA	TO BE ADJUSTED
	TREE REMOVAL	TBR&R	TO BE REMOVED & RELOCATED
	HOT-MIX ASPHALT SURFACE REMOVAL	TBR&RBO	TO BE REMOVED & RELOCATED BY OTHERS
		TB&BO	TO BE ADJUSTED BY OTHERS

FILE NAME =
era03.dgn
JUNEAU JOB NO. E160720

USER NAME = ramesh
PLOT SCALE = 40.0000' / in.
PLOT DATE = 6/28/2021

DESIGNED - SAS
DRAWN - RKR
CHECKED - BFK
DATE - 06/29/21

REVISED -
REVISED -
REVISED -
REVISED -





**STATE ROUTE 162 & KEEBLER ROAD
ROUNDBOUT
MARYVILLE, ILLINOIS**

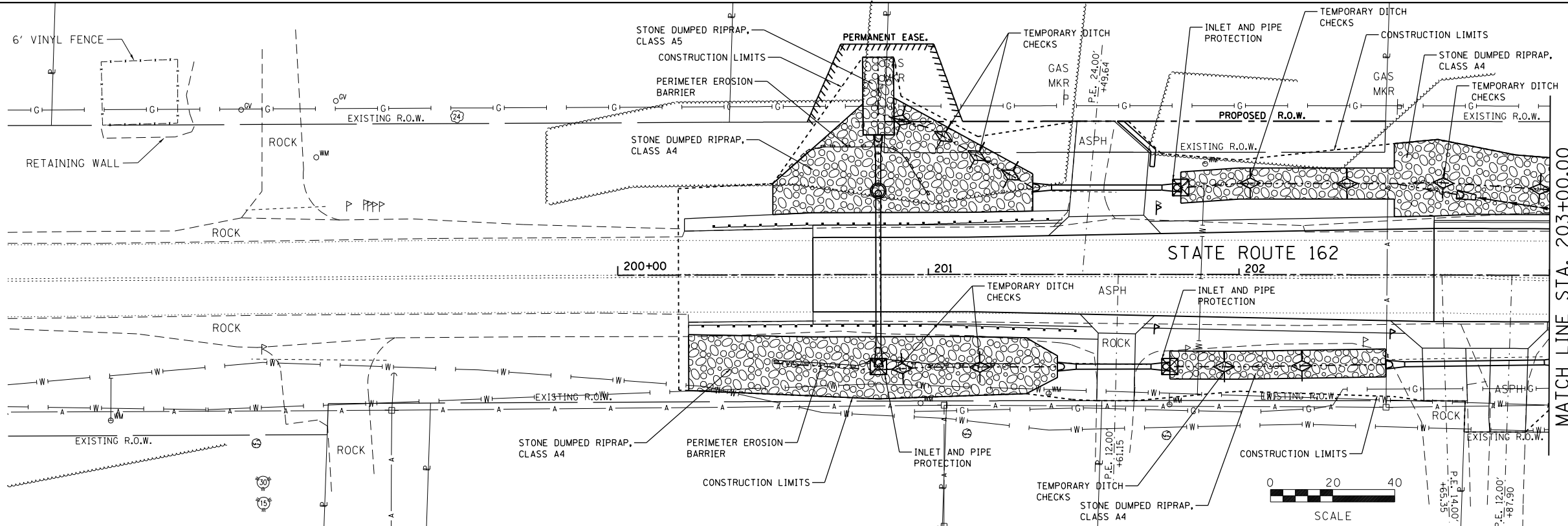
REMOVAL

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9135	16-00015-02-PV	MADISON	71	50
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				





LEGEND

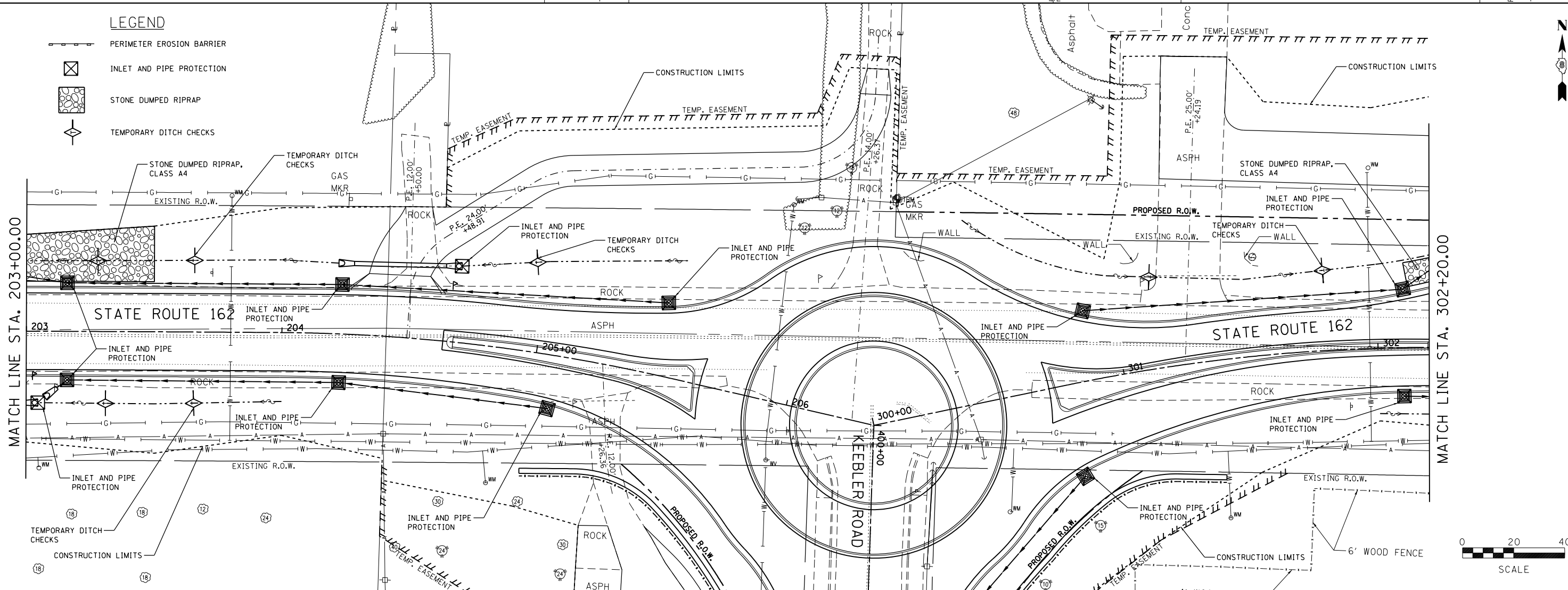
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  STONE DUMPED RIPRAP
-  TEMPORARY DITCH CHECKS



MATCH LINE STA. 203+00.00

LEGEND

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



MATCH LINE STA. 203+00.00

MATCH LINE STA. 302+20.00

FILE NAME = ero01.dgn
JUNE04 JOB NO. E160720

USER NAME = ramesh
PLOT SCALE = 40.0000' / in.
PLOT DATE = 6/28/2021

DESIGNED - SAS
DRAWN - RKR
CHECKED - BFK
DATE - 06/29/21

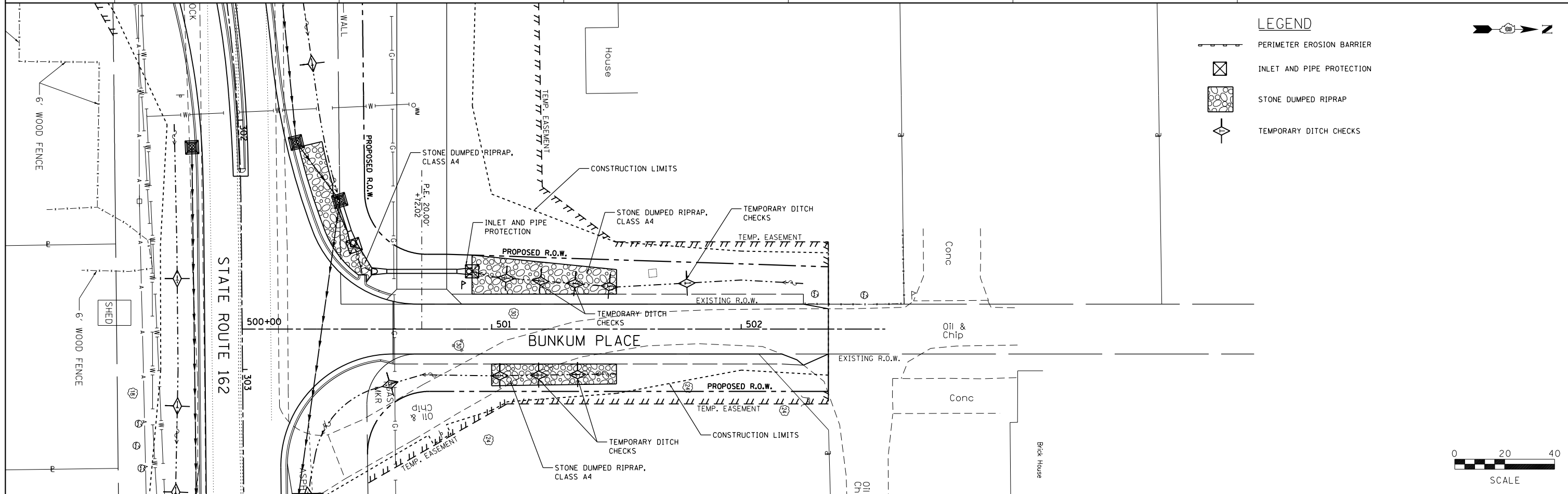
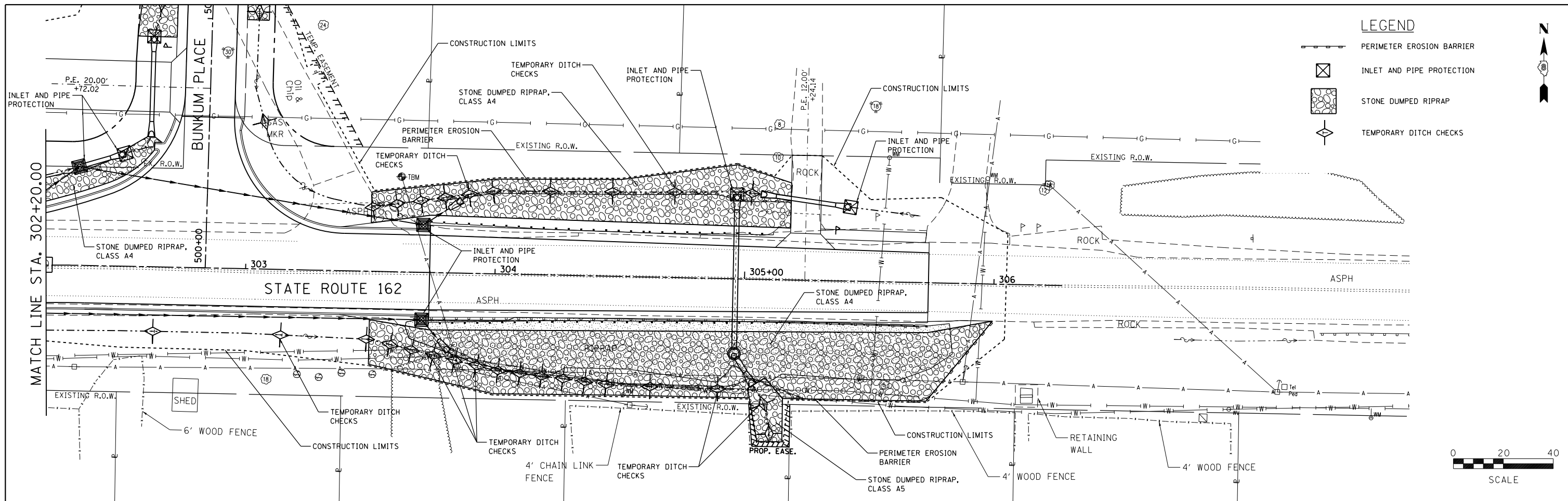
REVISED -
REVISED -
REVISED -
REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDBOUT
MARYVILLE, ILLINOIS**

EROSION AND SEDIMENT CONTROL

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	51
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



FILE NAME = erc02.dgn
 JUNE 01 JOB NO. E160720

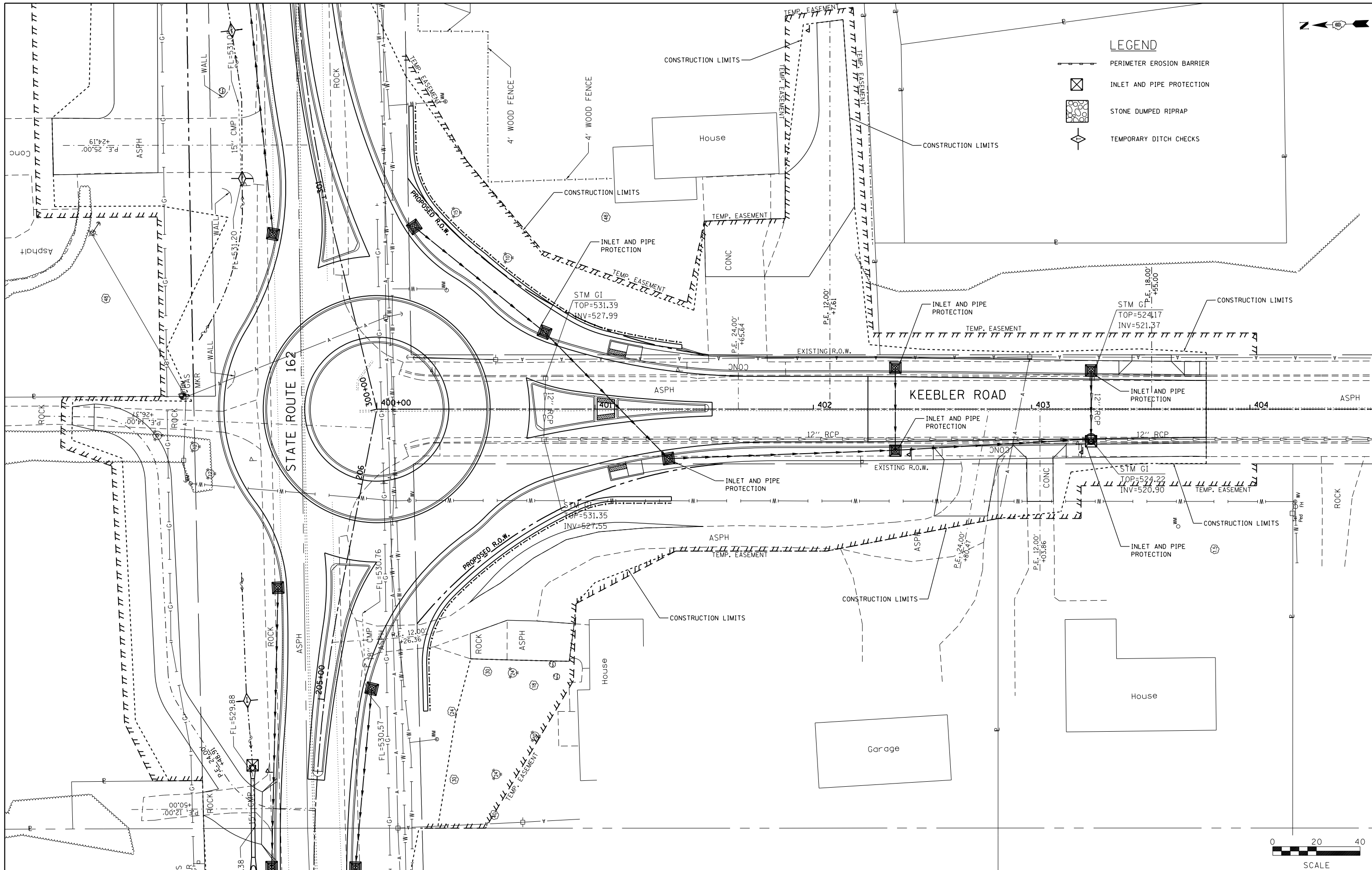
USER NAME = ramesh	DESIGNED - SAS	REVISED -
	DRAWN - RKR	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

EROSION AND SEDIMENT CONTROL

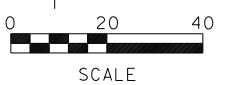
SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	52
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



LEGEND

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

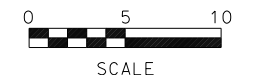
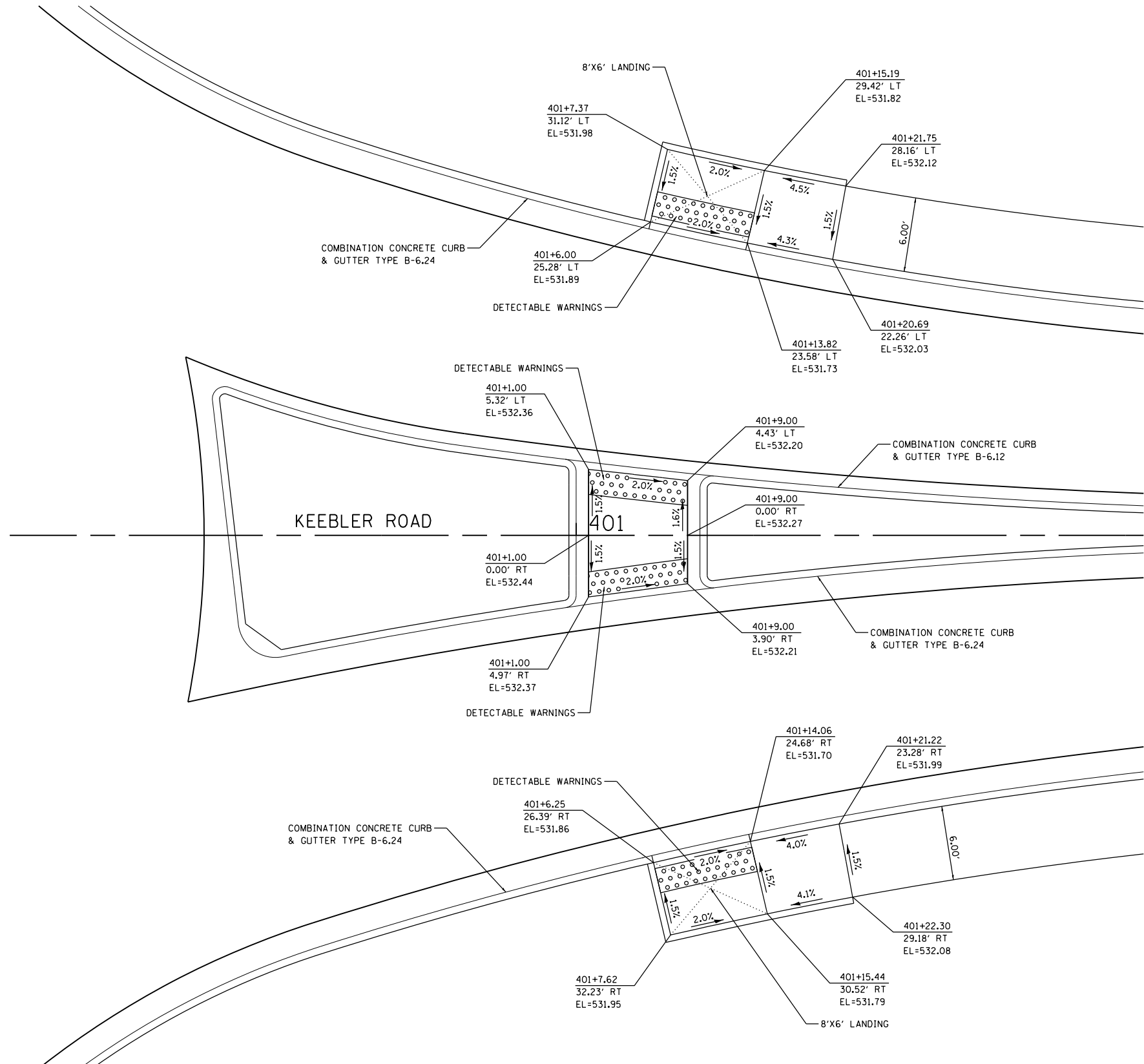


FILE NAME = ero03.dgn	USER NAME = ramesh	DESIGNED - SAS	REVISED -	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	EROSION AND SEDIMENT CONTROL		F.A.U. RTE. 9135	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 53
	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 3 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 97708			
JUNEAU JOB NO. E160720	PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -	ILLINOIS FED. AID PROJECT							



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	FIELD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	



FILE NAME = sidewalk curb ramp plan.dgn
 JUNEAU JOB NO. E160720

USER NAME = ramesh
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 6/28/2021

DESIGNED - BFK
 DRAWN - JJB
 CHECKED - BFK
 DATE - 06/29/21

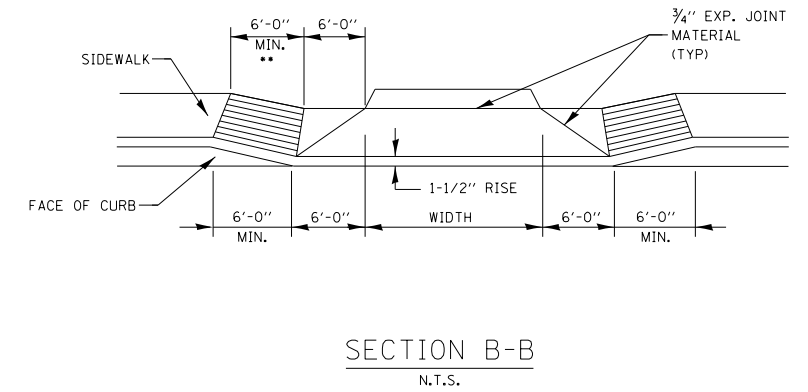
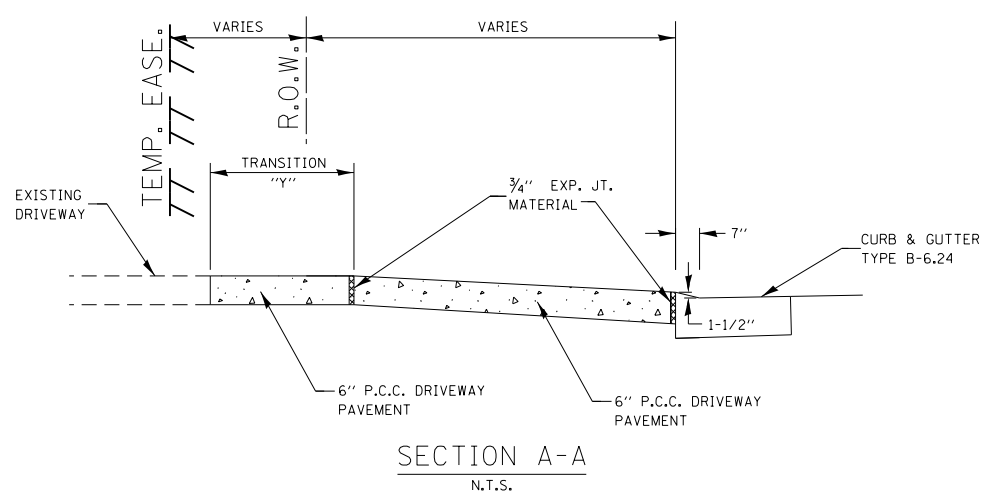
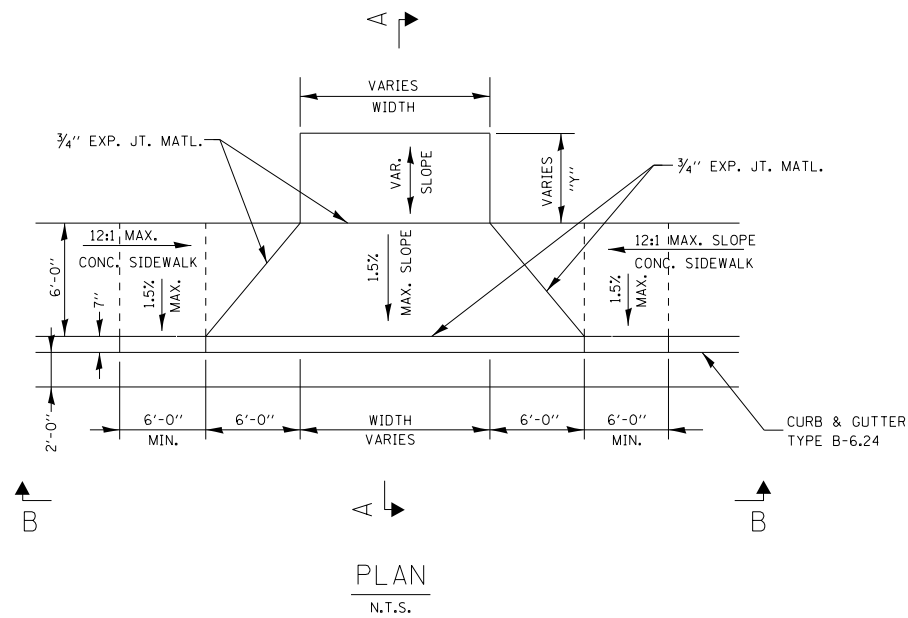
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

SIDEWALK CURB RAMP PLAN

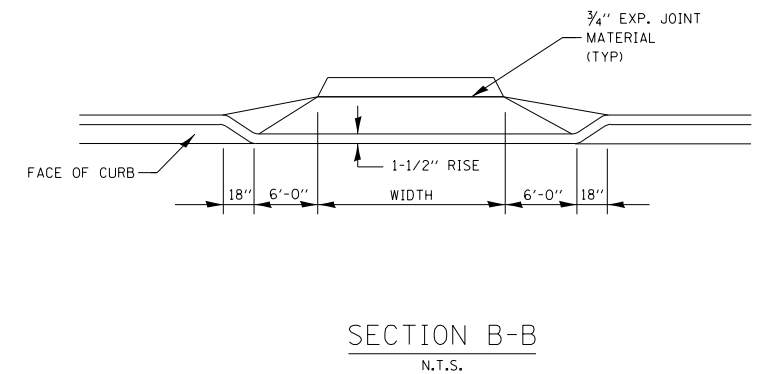
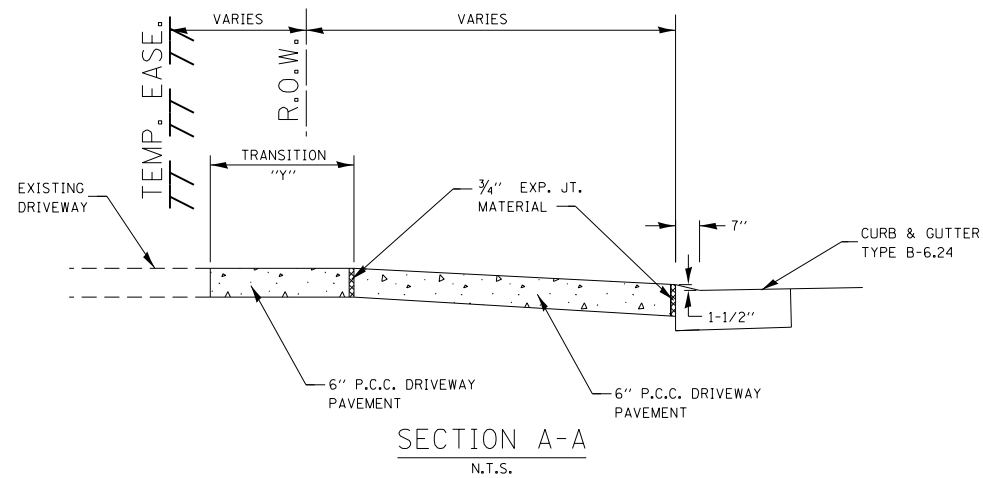
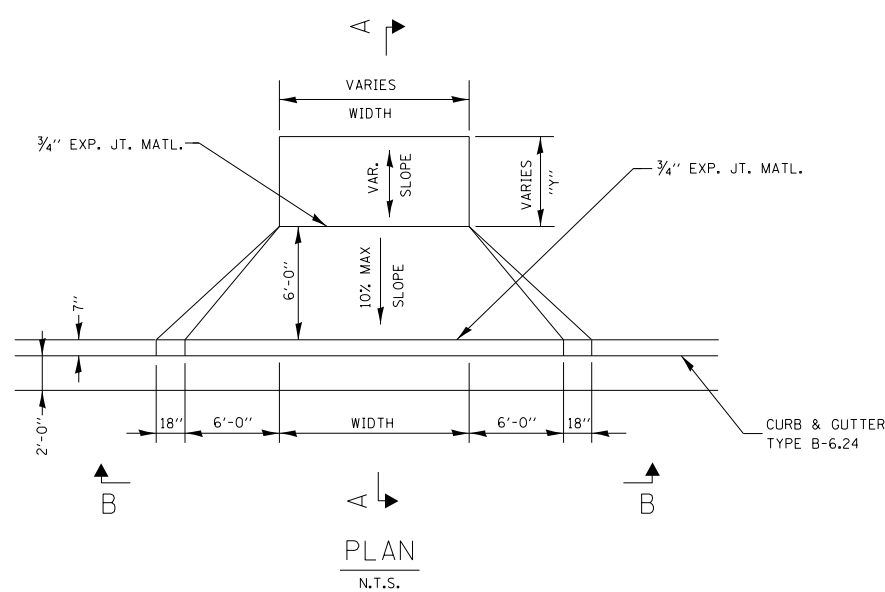
SCALE: 1"=5' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9135	16-00015-02-PV	MADISON	71	54
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				

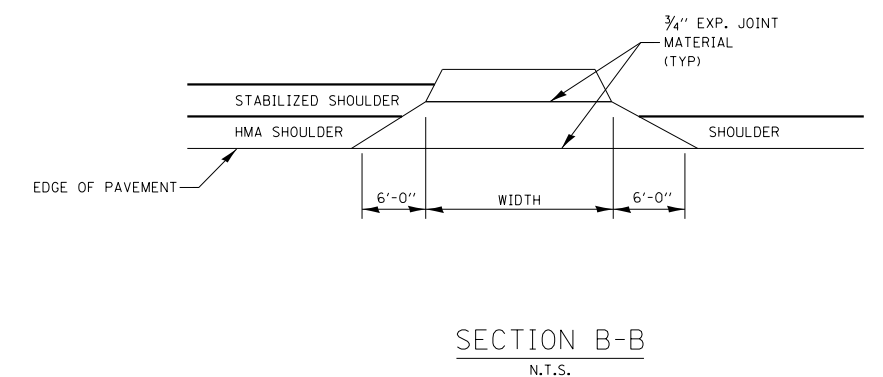
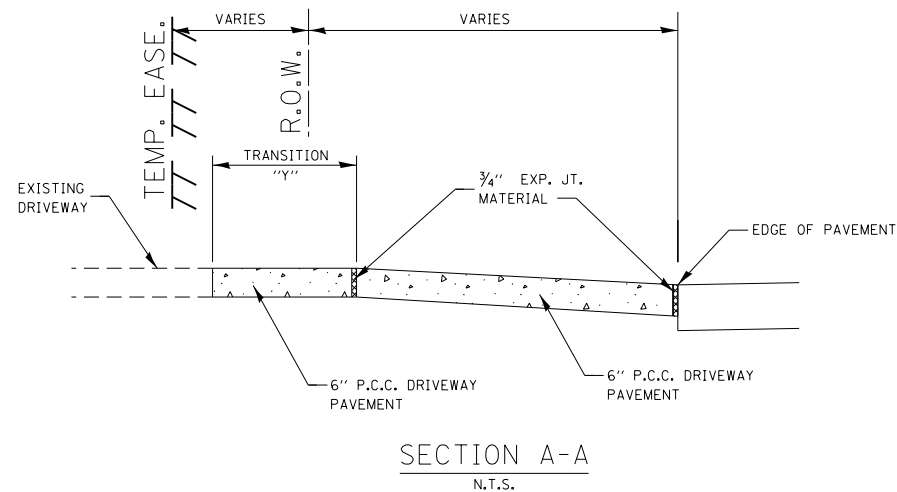
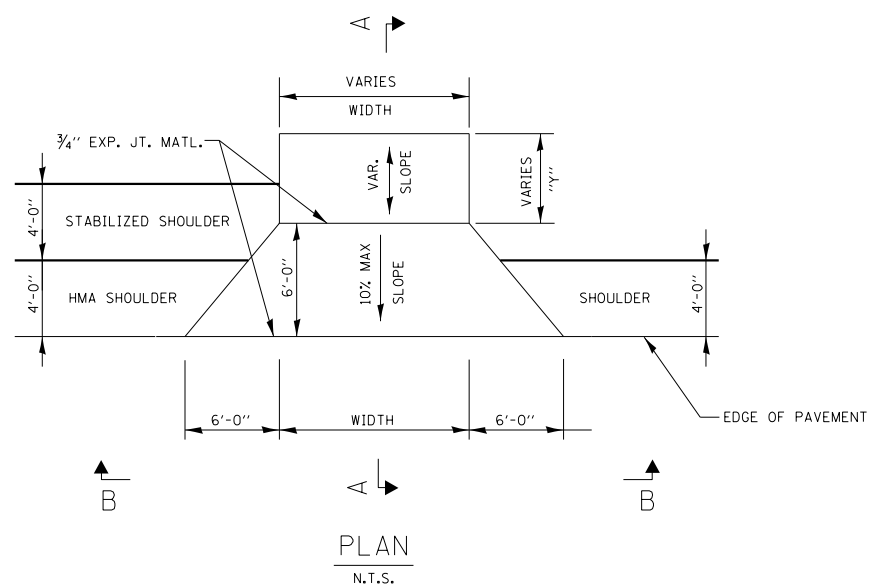


DRIVEWAY ENTRANCE DETAIL
WITH ADJACENT SIDEWALK

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



DRIVEWAY ENTRANCE DETAIL
WITHOUT ADJACENT SIDEWALK



DRIVEWAY ENTRANCE DETAIL
WITH ADJACENT SHOULDERS

FILE NAME =
entrance details.dgn
JUNEAU JOB NO. E160720

USER NAME = ramesh
PLOT SCALE = 40.0000' / in.
PLOT DATE = 6/28/2021

DESIGNED - SAS
DRAWN - TAK
CHECKED - BFK
DATE - 06/29/21

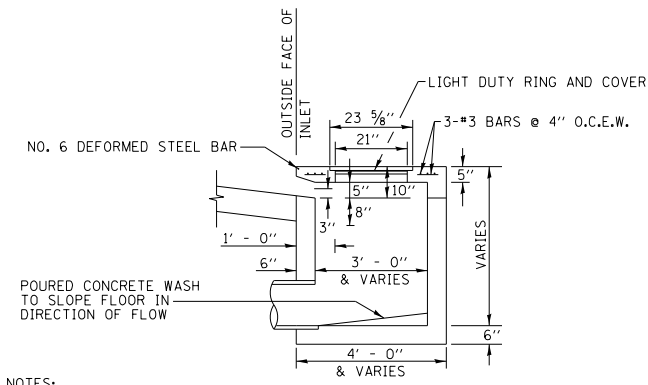
REVISED -
REVISED -
REVISED -
REVISED -

STATE ROUTE 162 & KEEBLER ROAD
ROUNDBOUT
MARYVILLE, ILLINOIS

ENTRANCE DETAILS

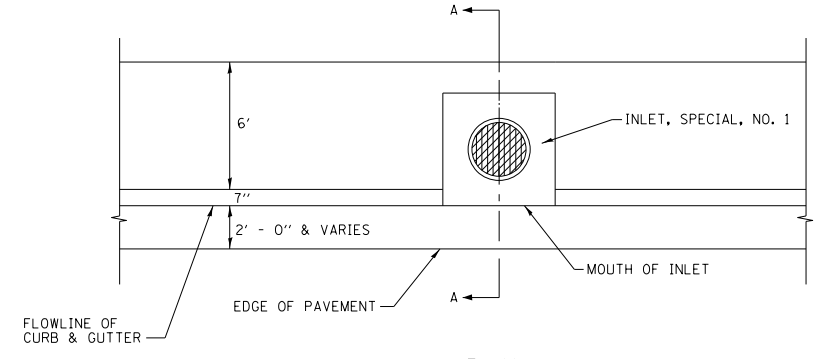
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	55
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				

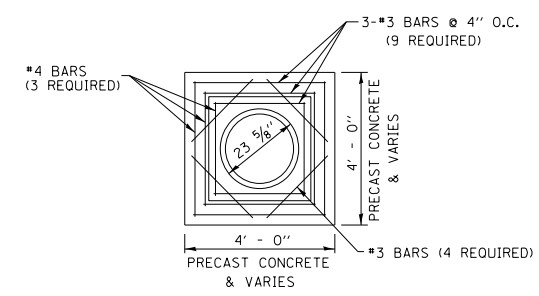


NOTES:
REINFORCING BARS USED IN THE INLET SHALL BE #4 BARS @ 10" O.C. BOTH WAYS.

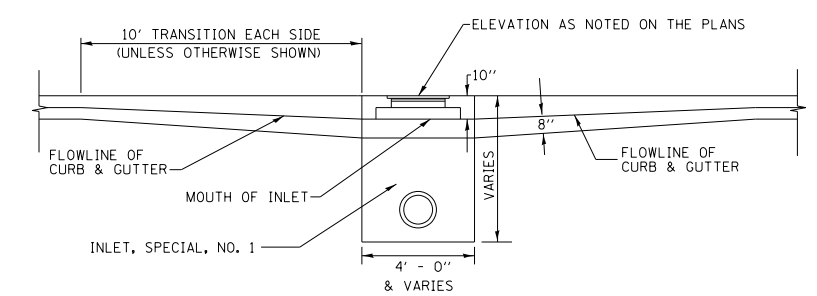
SECTION A-A
N.T.S.



PLAN
N.T.S.



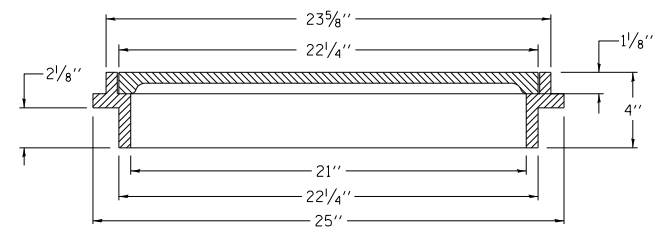
CONCRETE LID PLAN
N.T.S.



FRONT ELEVATION
N.T.S.

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

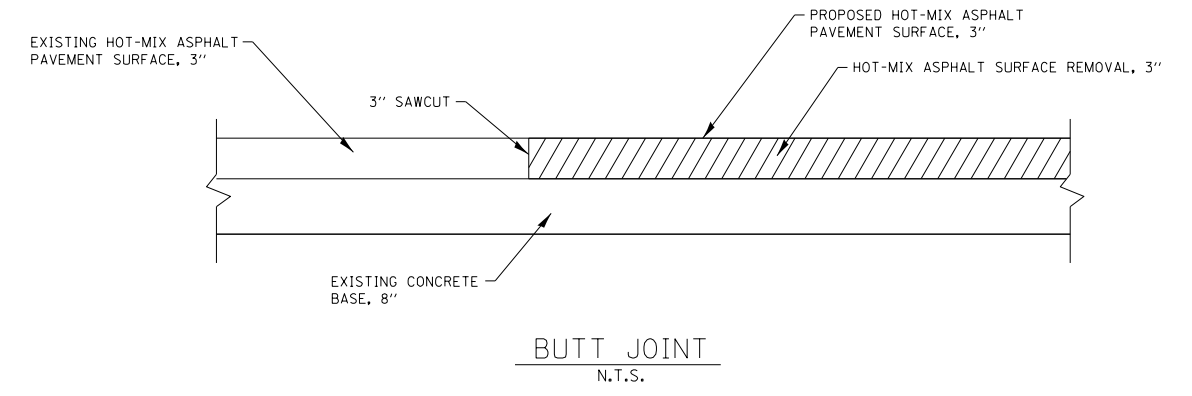
INLET WALL	
TYPE	THICKNESS
PRECAST CONCRETE	6"
CAST-IN-PLACE CONCRETE	6"



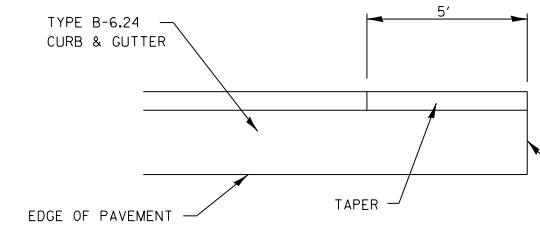
LIGHT DUTY RING AND COVER
N.T.S.

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

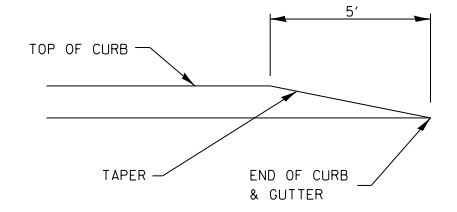
NOTES:
REINFORCING BARS, CLASS "PC" CONCRETE, CAST IRON RING AND COVER, AND ALL MATERIAL AND LABOR SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "INLET, SPECIAL" COMPLETE AND IN PLACE.
THE TOPS OF ALL INLETS WHICH ARE LOCATED IN CURVES SHALL BE CONSTRUCTED TO CONFORM TO THE RADIUS OF THE CURVE.
THE INLET 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'.



BUTT JOINT
N.T.S.

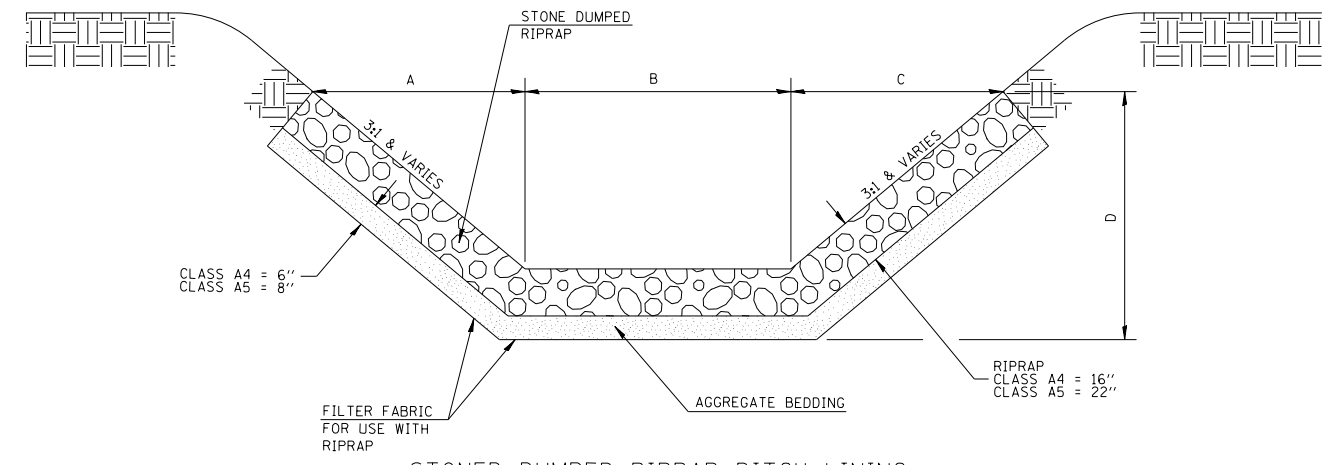


PLAN
N.T.S.

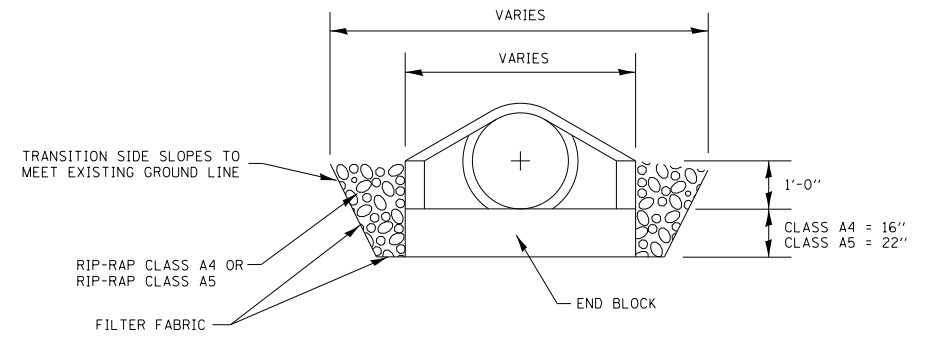


ELEVATION
N.T.S.

CURB AND GUTTER TERMINI
N.T.S.



STONED DUMPED RIPRAP DITCH LINING
N.T.S.



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

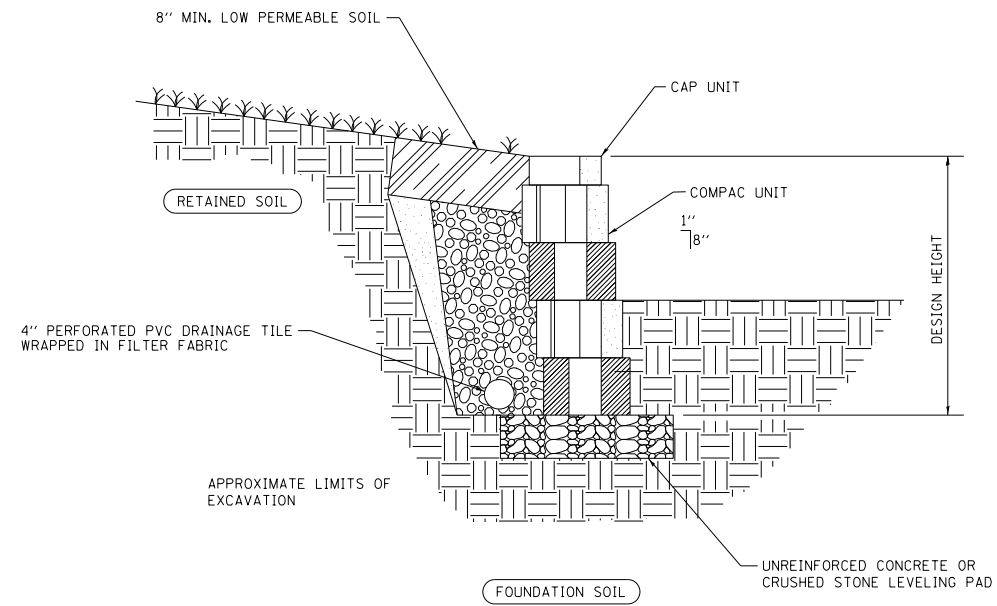
FILE NAME = misc.details.dgn	USER NAME = ramesh	DESIGNED - BFK	REVISED -
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	DRAWN - RKR	REVISED -
	PLOT DATE = 10/29/2021	CHECKED - BFK	REVISED -
		DATE - 06/29/21	REVISED -

STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS

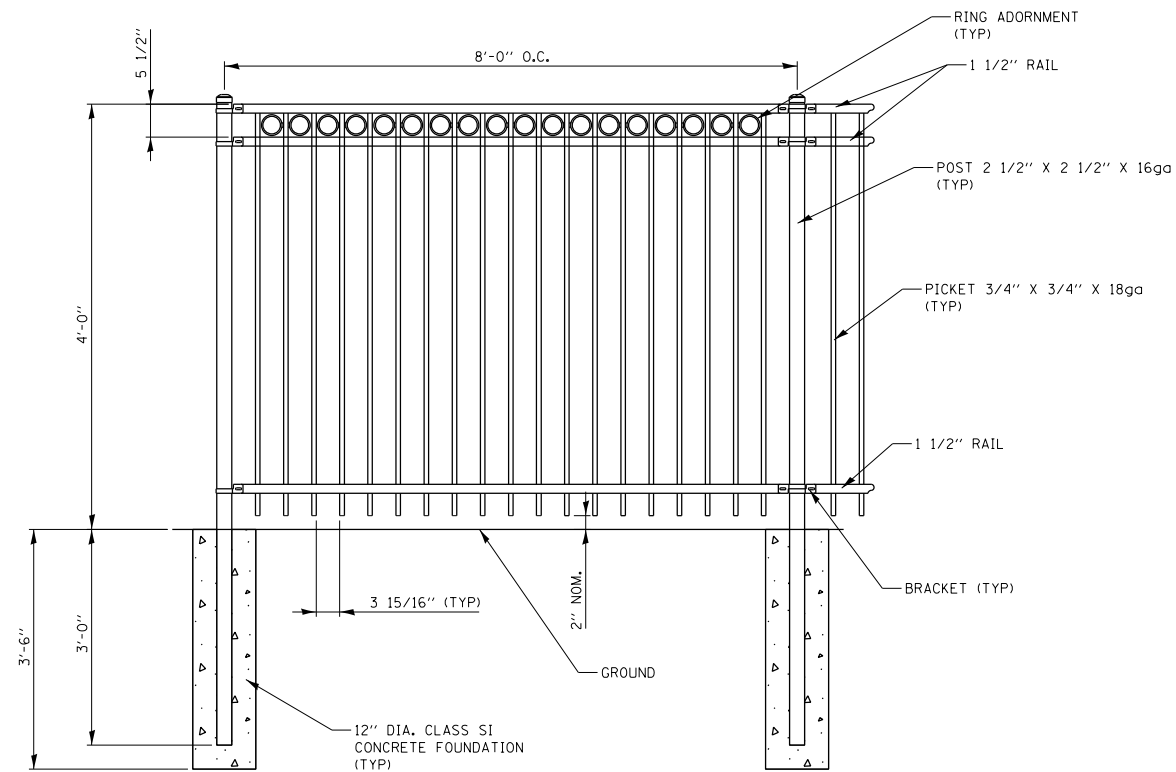
MISCELLANEOUS DETAILS

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				

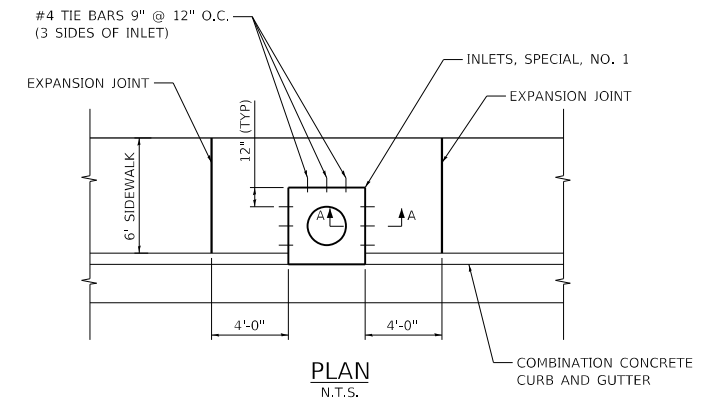


SEGMENTAL CONCRETE BLOCK WALL
N.T.S.

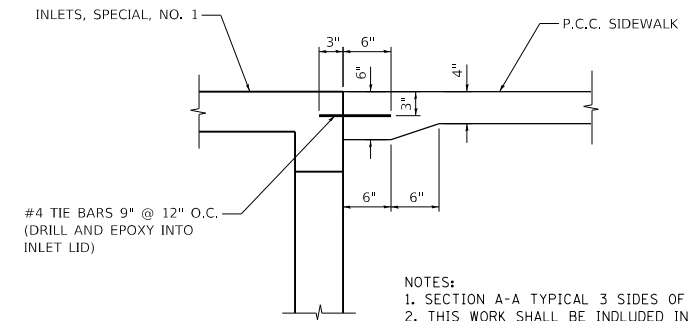


NOTE: ALL STEEL TO BE GALVANIZED BY THE HOT-DIP PROCESS AND COATED WITH EPOXY PRIMER AND BLACK ACRYLIC TOP COAT.

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	USER NAME = ramesh	DESIGNED - BFK	REVISED -
JUNEAU JOB NO. E160720	PLOT SCALE = 40.0000' / in.	DRAWN - RKR	REVISED -
	PLOT DATE = 6/28/2021	CHECKED - BFK	REVISED -
		DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	57
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default

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JUNEAU JOB NO. E160720

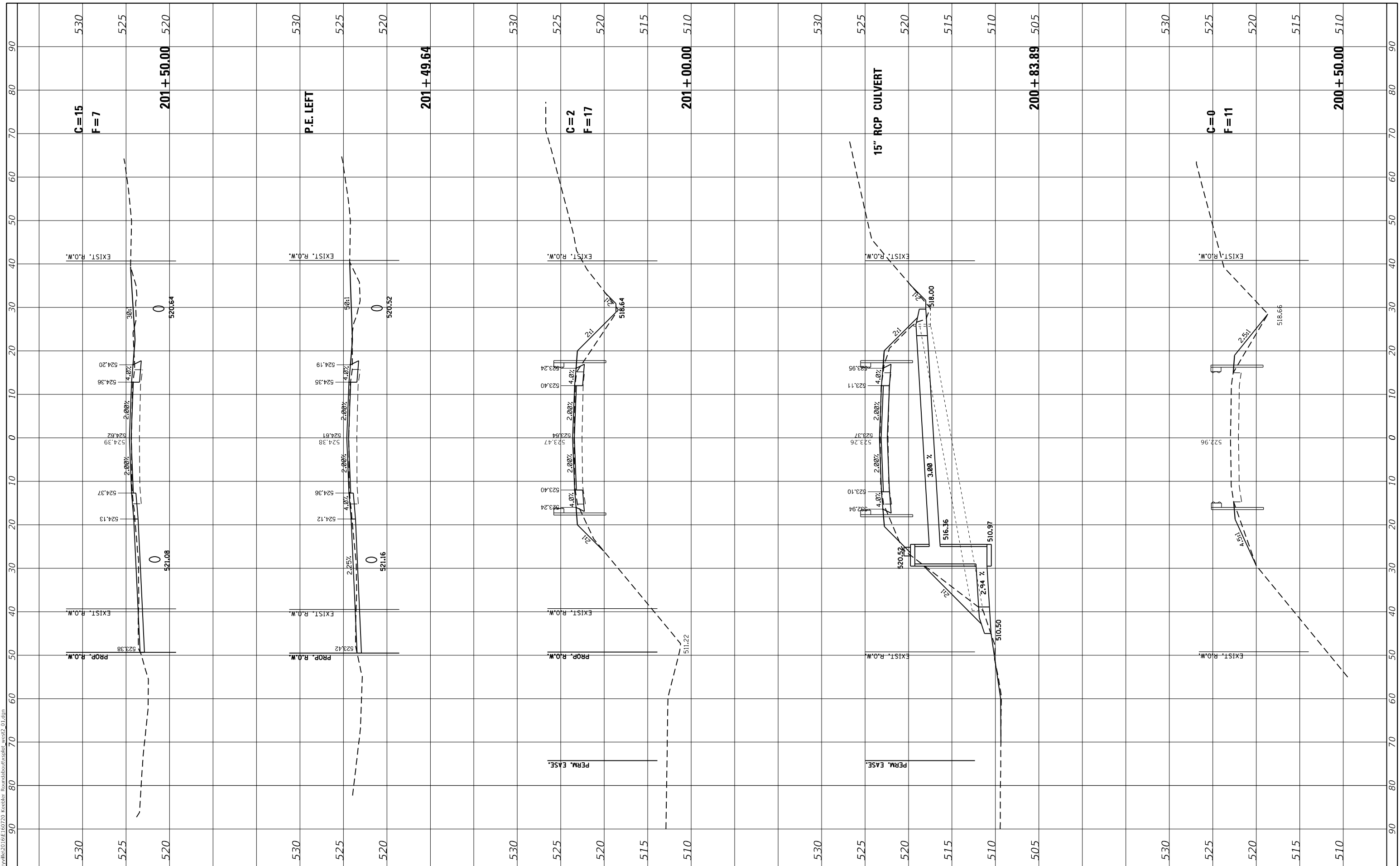
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PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

**STATE ROUTE 162
CROSS SECTIONS**

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

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



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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

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JUNEAU JOB NO. E160720

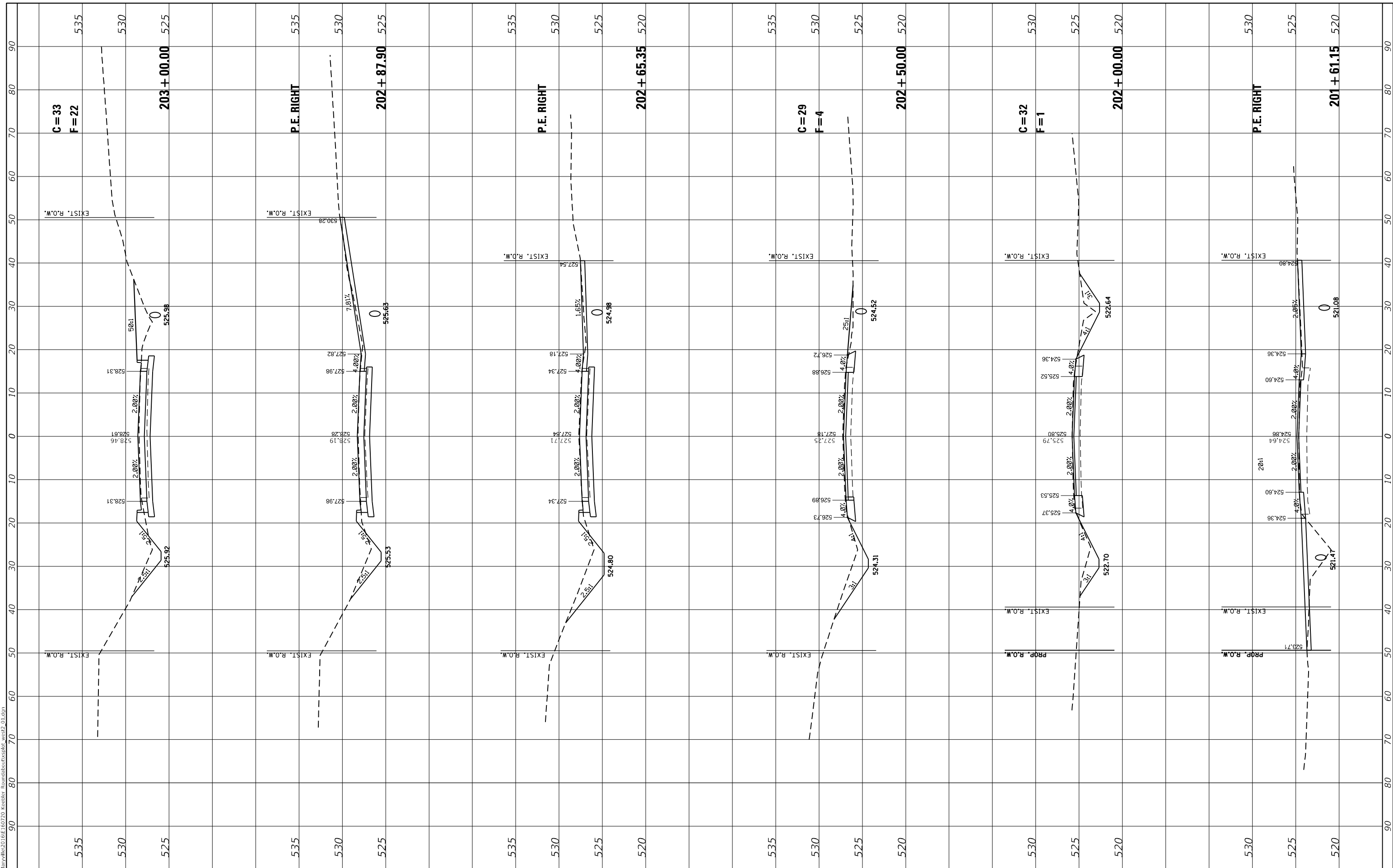
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PLOT SCALE = 20.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

**STATE ROUTE 162
CROSS SECTIONS**

SCALE: 1"=10'V/5'H SHEET 2 OF 5 SHEETS STA. 201+61.15 TO STA. 203+00.00

F.A.P. RTE. 586	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 59
			CONTRACT NO. 97708	
		ILLINOIS FED. AID PROJECT		



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

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

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JUNEAU JOB NO. E160720

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PLOT DATE = 6/28/2021

DESIGNED - SAS
DRAWN - SAS
CHECKED - BFK
DATE - 06/29/21

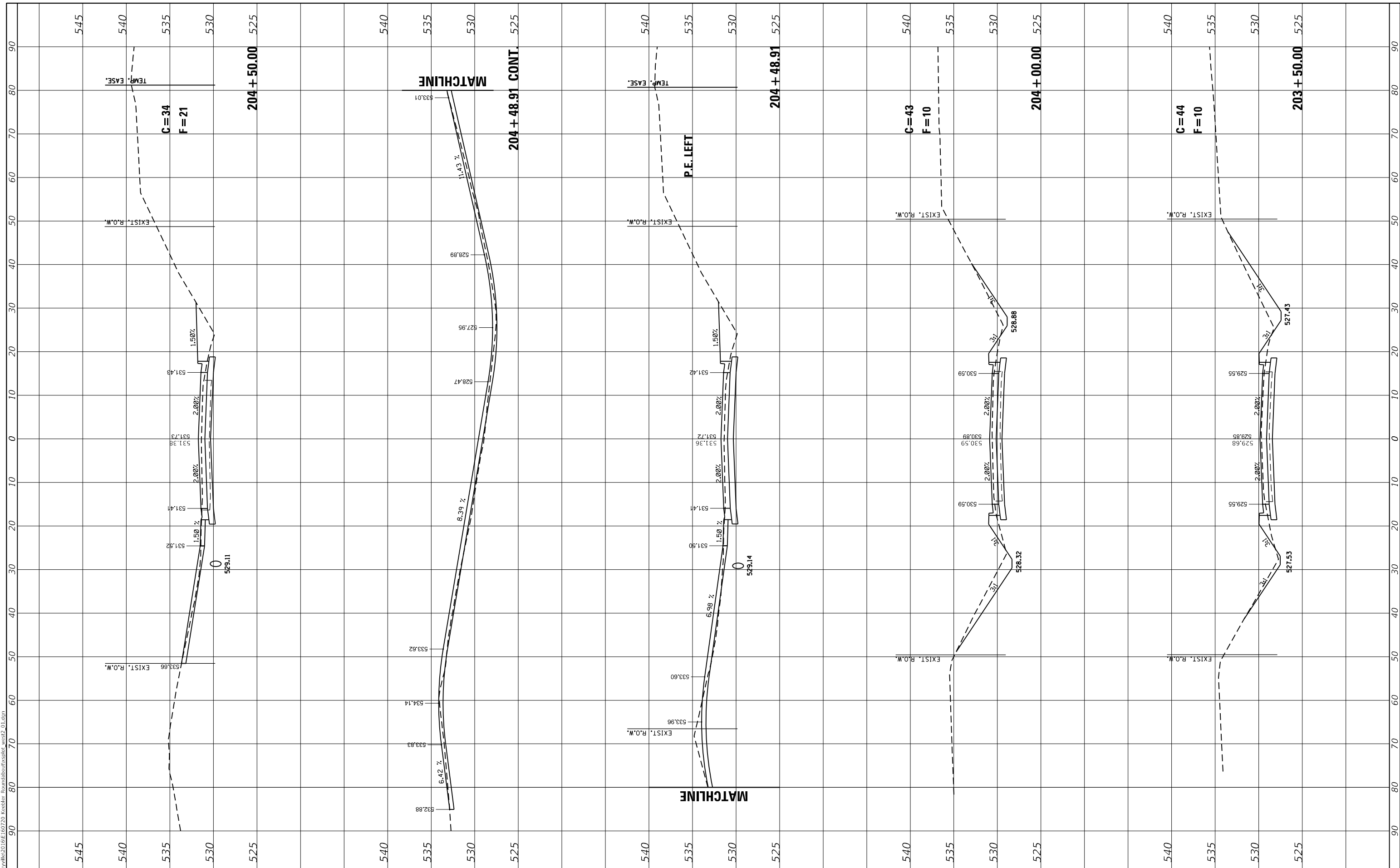
REVISED -
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REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

**STATE ROUTE 162
CROSS SECTIONS**

SCALE: 1"=10'V/5'H SHEET 3 OF 5 SHEETS STA. 203+50.00 TO STA. 204+56.00

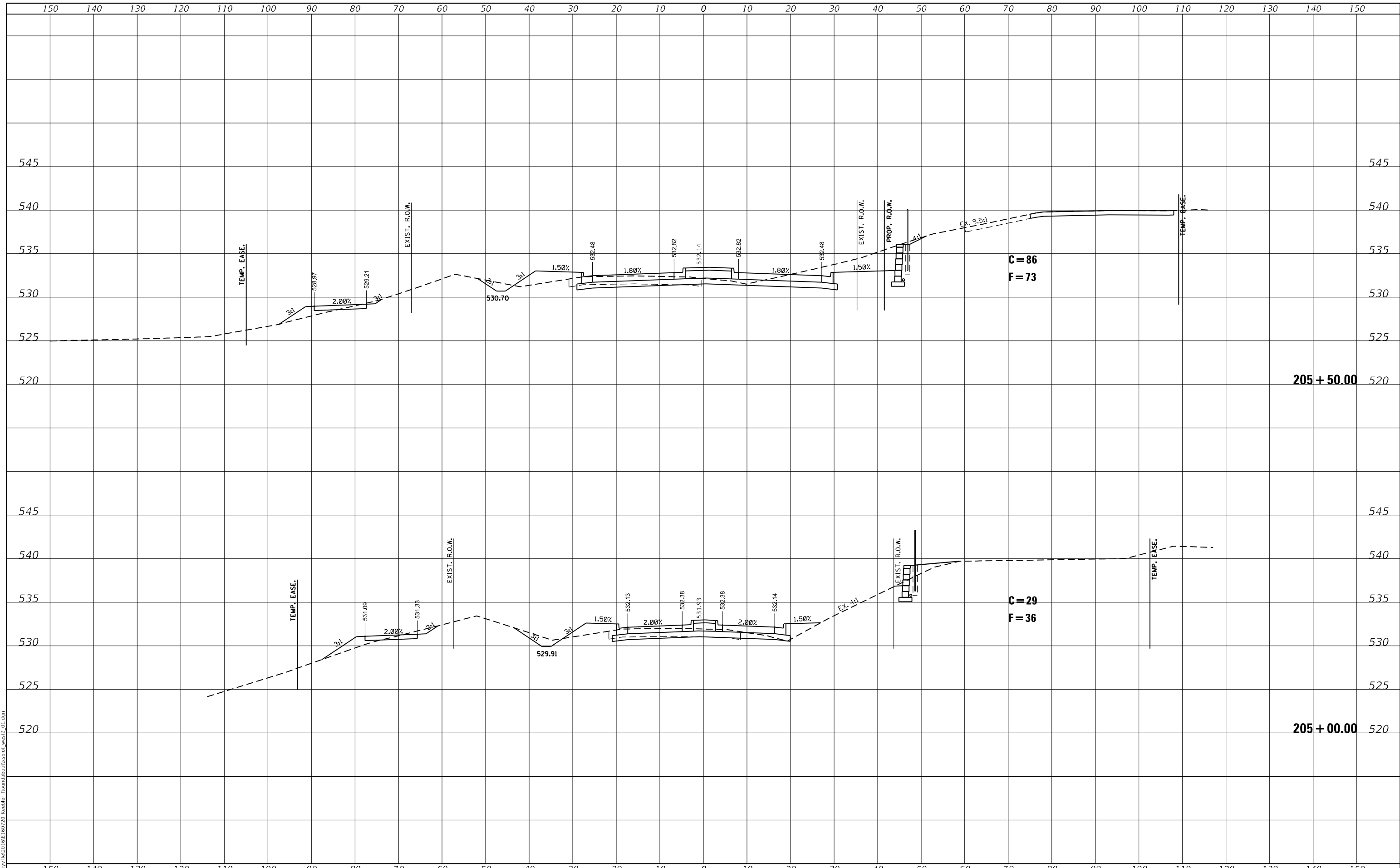
F.A.P. RTE. 586	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 60
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97708	



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

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

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JUNEAU JOB NO. E160720

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	DRAWN - SAS	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

**STATE ROUTE 162
CROSS SECTIONS**

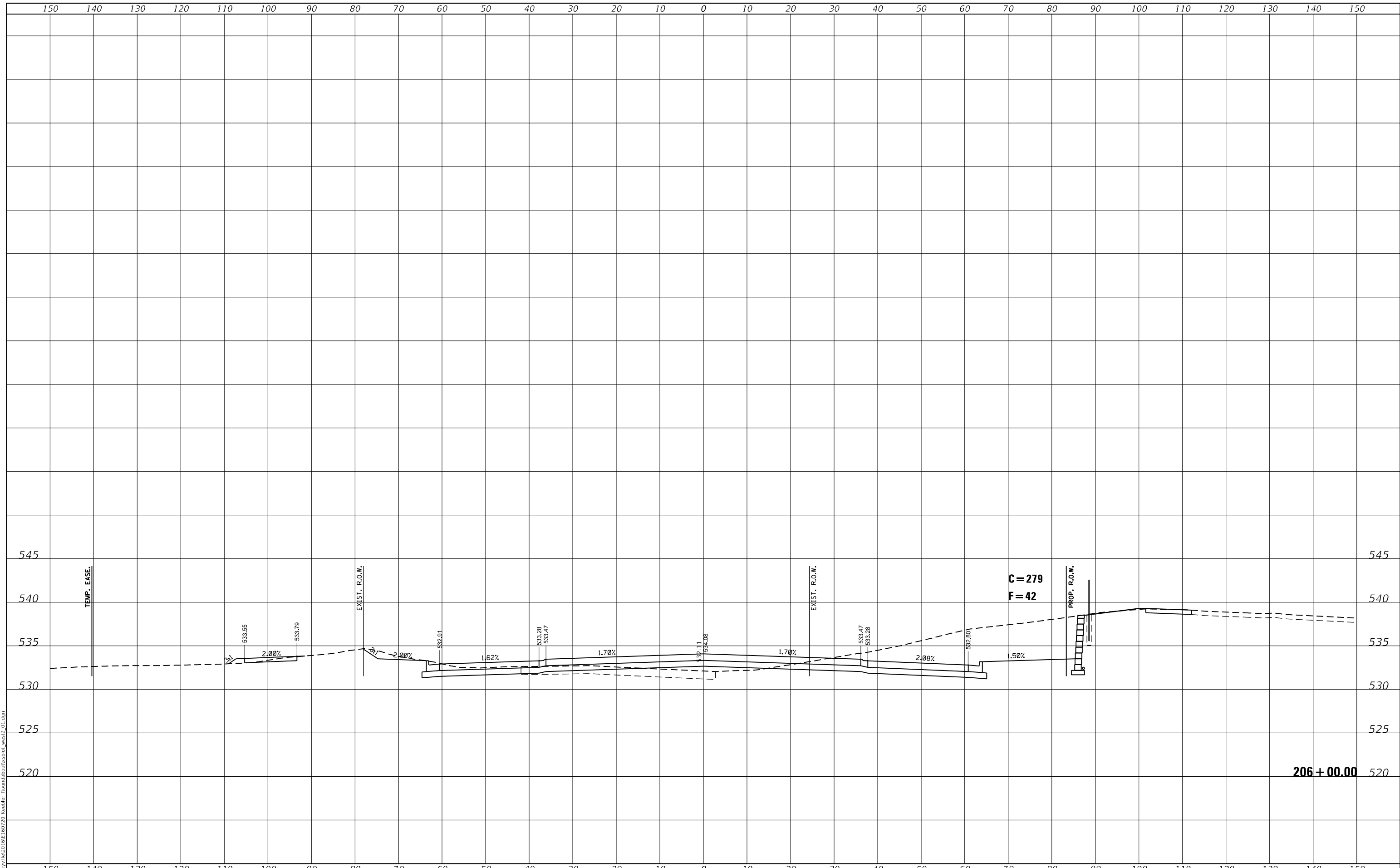
SCALE: 1"=10'V/5'H SHEET 4 OF 5 SHEETS STA. 205+00.00 TO STA. 206+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	61
			CONTRACT NO. 97708	
			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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JUNEAU JOB NO. E160720



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PLOT SCALE = 20.0000 ' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

**STATE ROUTE 162
CROSS SECTIONS**

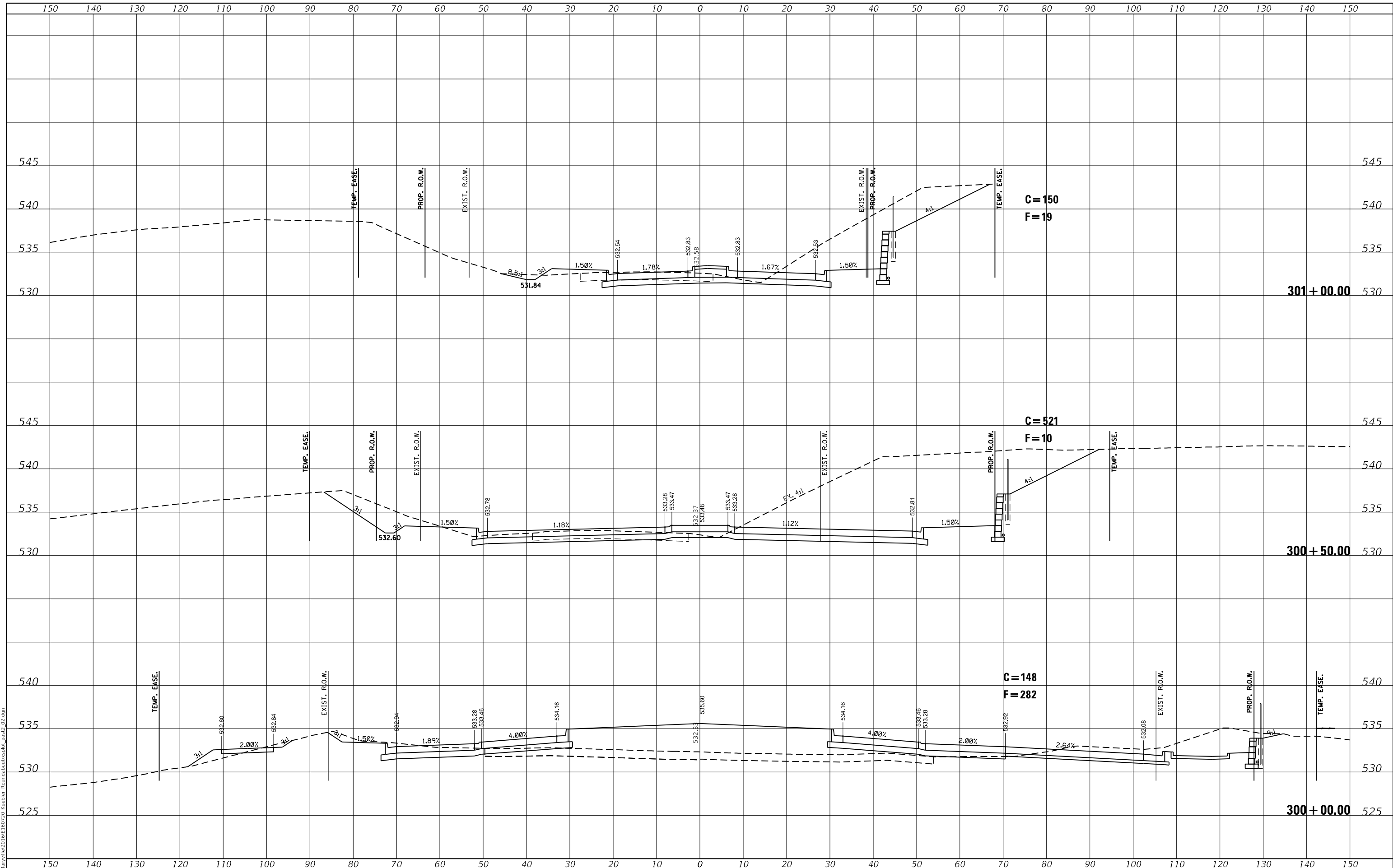
SCALE: 1"=10'V/5'H SHEET 5 OF 5 SHEETS STA. 205+00.00 TO STA. 206+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	62
			CONTRACT NO. 97708	
			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

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JUNEAU JOB NO. E160720

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	DRAWN - SAS	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

**STATE ROUTE 162
 CROSS SECTIONS**

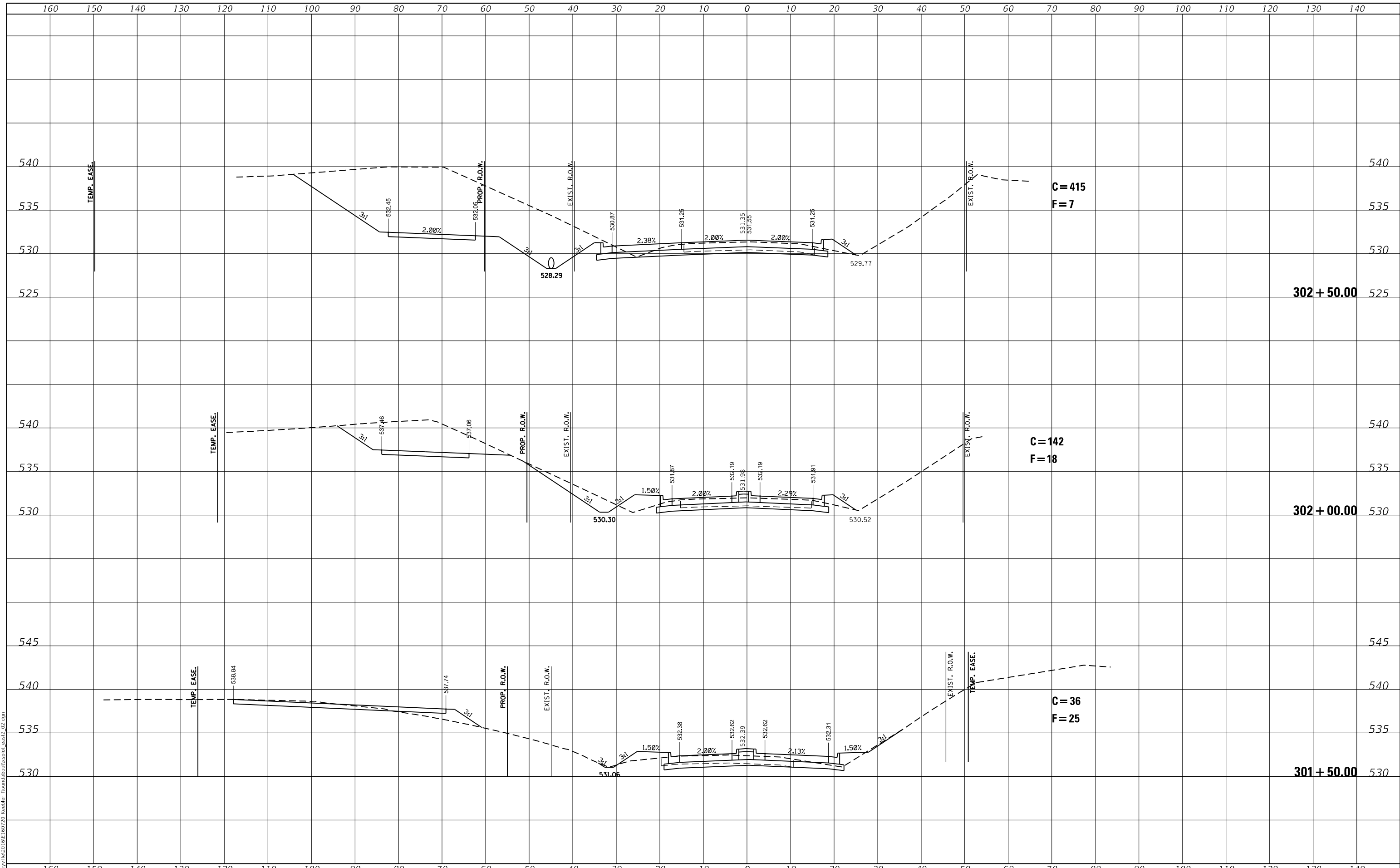
SCALE: 1"=10'V/5'H SHEET 1 OF 4 SHEETS STA. 300+00.00 TO STA. 301+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	63
			CONTRACT NO. 97708	
			ILLINOIS FED. AID PROJECT	

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

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

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 JUNEAU JOB NO. E160720



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PLOT SCALE = 20.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

**STATE ROUTE 162
 CROSS SECTIONS**

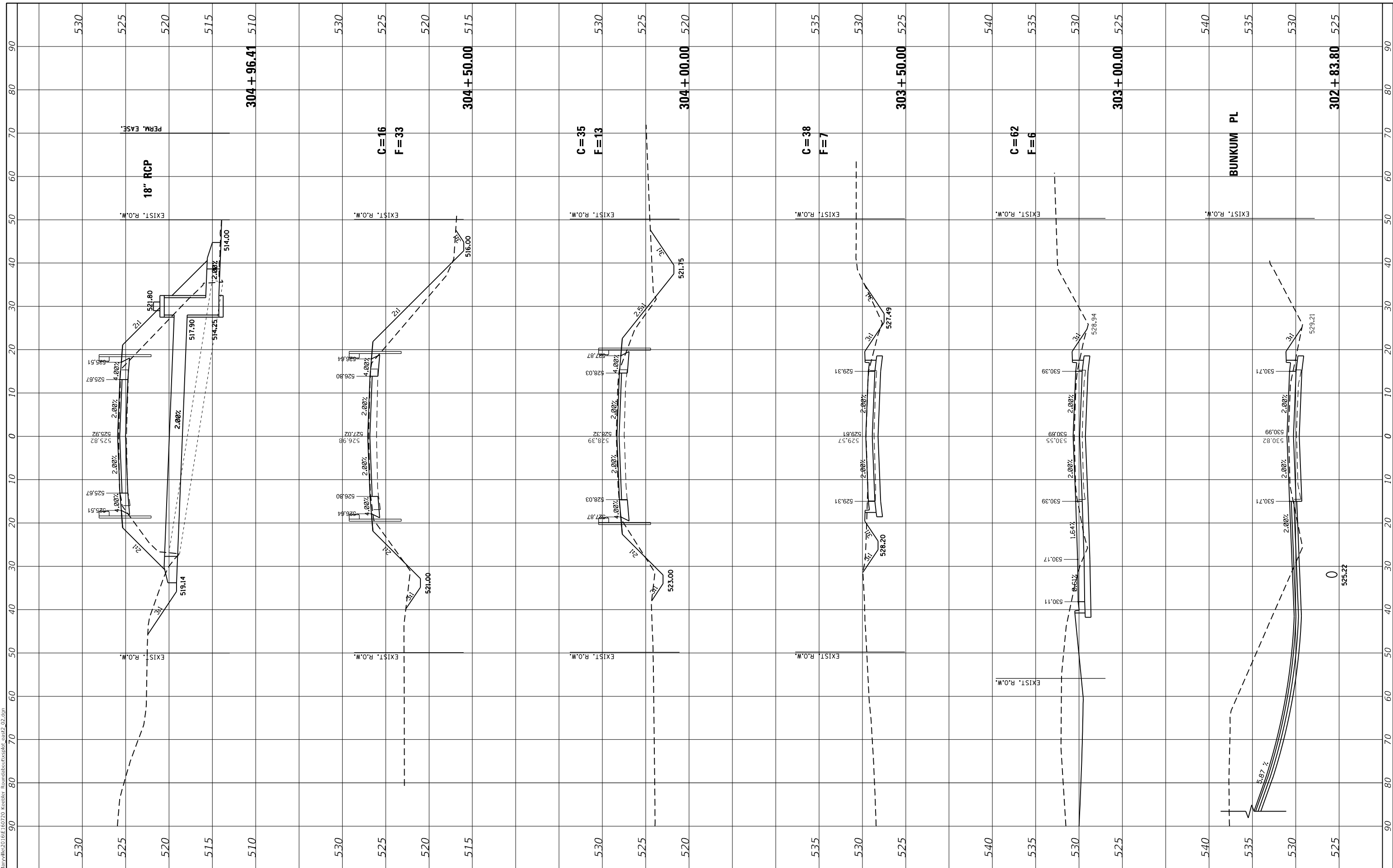
SCALE: 1"=10'V/5'H SHEET 2 OF 4 SHEETS STA. 301+50.00 TO STA. 302+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	16-00015-02-PV	MADISON	71	64
			CONTRACT NO. 97708	
			ILLINOIS FED. AID PROJECT	

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

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

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 JUNEAU JOB NO. E160720



USER NAME	= ramesh
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DRAWN	- SAS
CHECKED	- BFK
DATE	- 06/29/21
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 6/28/2021

REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

**STATE ROUTE 162
 CROSS SECTIONS**

SCALE: 1"=10'V/5'H 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 NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
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	TEMPLATE		
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JUNEAU JOB NO. E160720

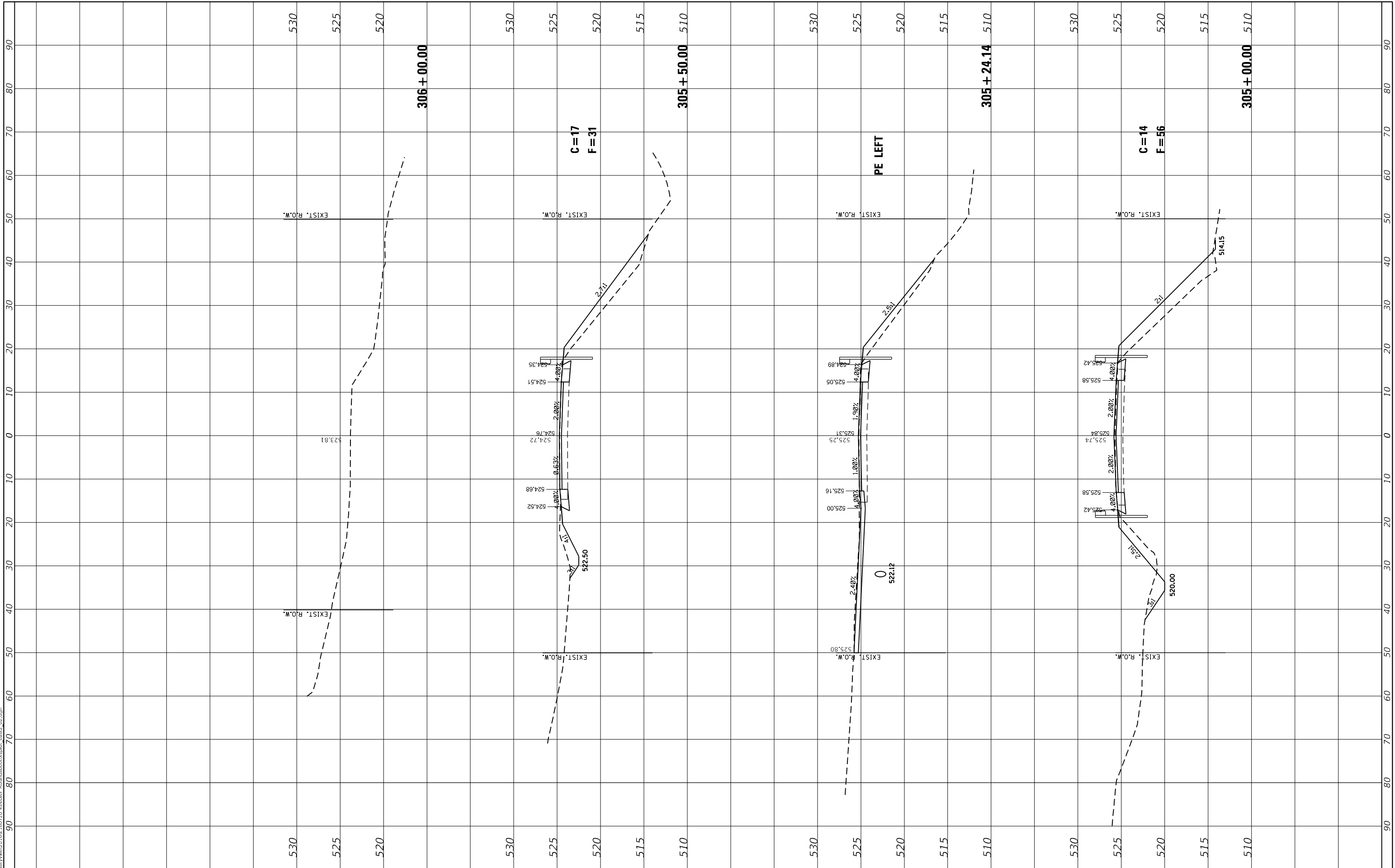
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PLOT DATE = 6/28/2021	DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

**STATE ROUTE 162
CROSS SECTIONS**

SCALE: 1"=10'V/5'H SHEET 4 OF 4 SHEETS STA. 305+00.00 TO STA. 306+00.00

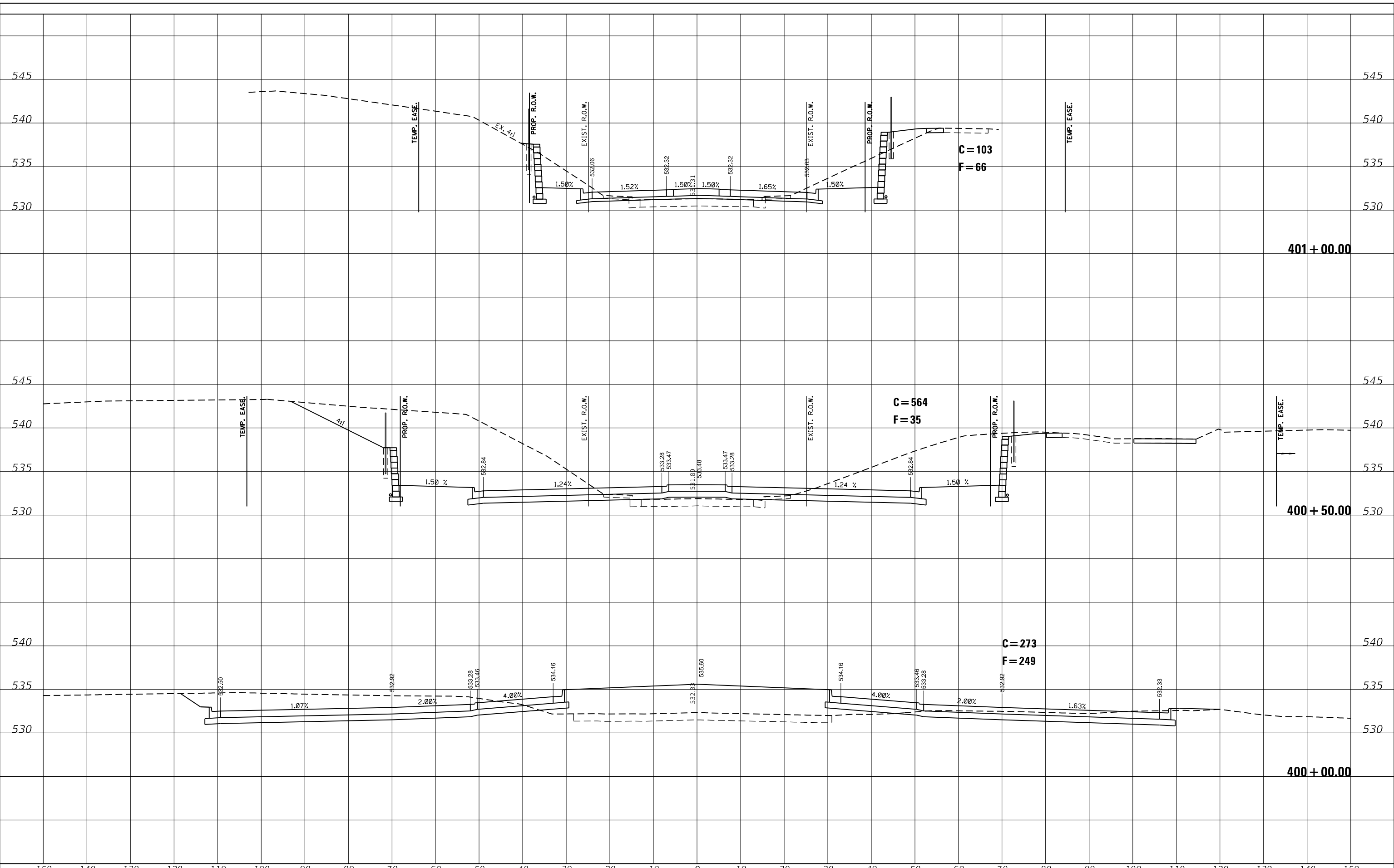
F.A.P. RTE. 586	SECTION 16-00015-02-PV	COUNTY MADISON	TOTAL SHEETS 71	SHEET NO. 66
			CONTRACT NO. 97708	
ILLINOIS			FED. AID PROJECT	



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

ORIGINAL SURVEY NO.	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
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USER NAME = ramesh DESIGNED - SAS DRAWN - SAS PLOT SCALE = 20.0000' / in. PLOT DATE = 6/28/2021	REVISIONS REVISIONS REVISIONS REVISIONS REVISIONS	STATE ROUTE 162 & KEEBLER ROAD ROUNDABOUT MARYVILLE, ILLINOIS	KEEBLER ROAD CROSS SECTIONS SCALE: 1"=10'V/5'H SHEET 1 OF 3 SHEETS STA. 400+00.00 TO STA. 401+00.00	F.A.U. RTE. 9135 SECTION 16-00015-02-PV COUNTY MADISON TOTAL SHEETS 71 SHEET NO. 67 CONTRACT NO. 97708 ILLINOIS FED. AID PROJECT
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JUNEAU JOB NO. E160720

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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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JUNEAU JOB NO. E160720

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PLOT DATE	= 6/28/2021

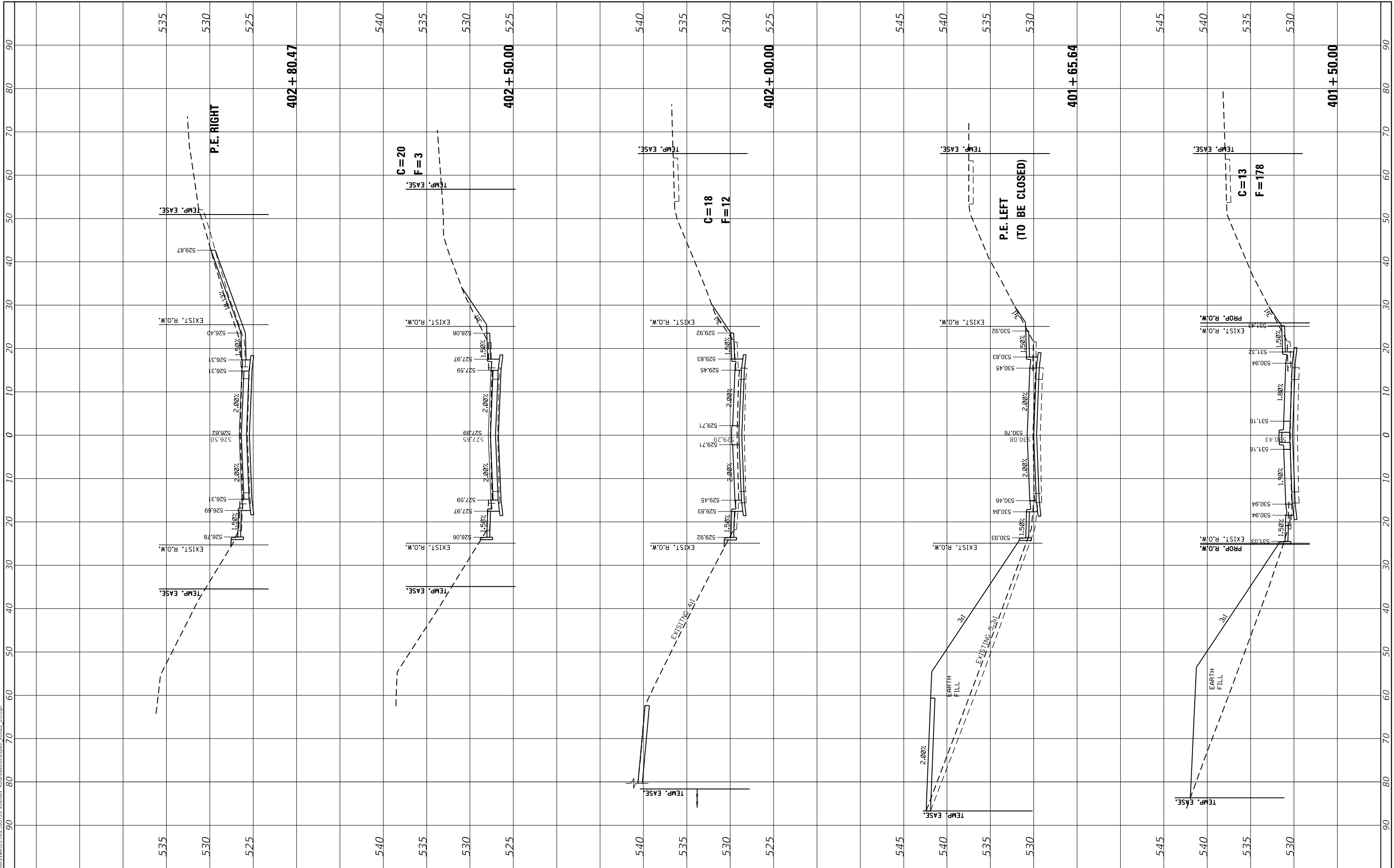
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REVISD	-

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

**KEEBLER ROAD
 CROSS SECTIONS**

SCALE: 1"=10'V/5'H SHEET 2 OF 3 SHEETS STA. 401+50.00 TO STA. 402+80.47

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9135	16-00015-02-PV	MADISON	71	68
CONTRACT NO. 97708				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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JUNEAU JOB NO. E160720

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PLOT DATE	= 6/28/2021

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DRAWN	- SAS
CHECKED	- BFK
DATE	- 06/29/21

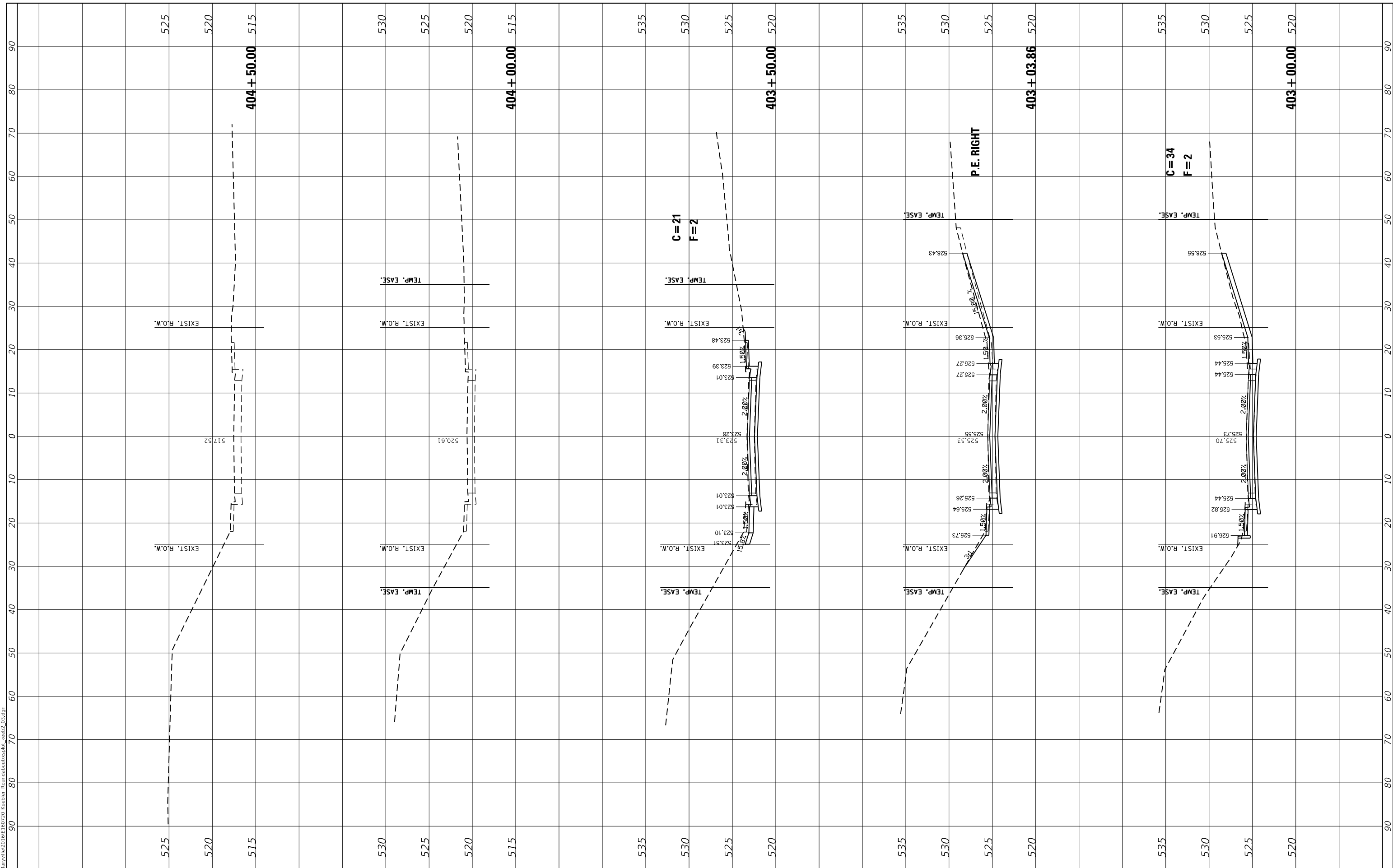
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**STATE ROUTE 162 & KEEBLER ROAD
ROUNDABOUT
MARYVILLE, ILLINOIS**

**KEEBLER ROAD
CROSS SECTIONS**

SCALE: 1"=10'V/5'H SHEET 3 OF 3 SHEETS STA. 403+00.00 TO STA. 404+50.00

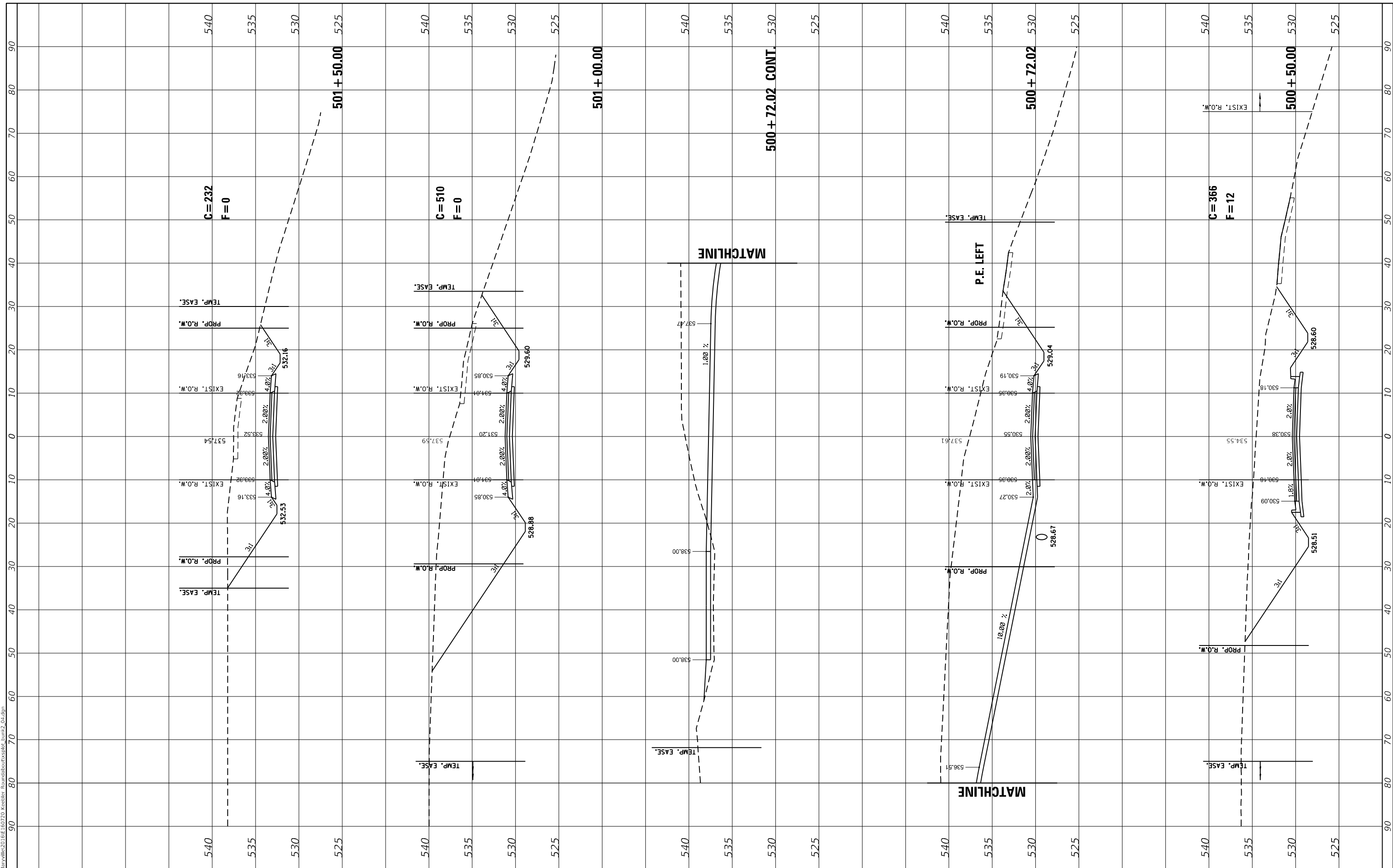
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9135	16-00015-02-PV	MADISON	71	69
CONTRACT NO. 97708			ILLINOIS FED. AID PROJECT	



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

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

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PLOT SCALE = 20.0000' / in.	DRAWN - SAS	REVISED -
PLOT DATE = 6/28/2021	CHECKED - BFK	REVISED -
	DATE - 06/29/21	REVISED -

**STATE ROUTE 162 & KEEBLER ROAD
 ROUNDABOUT
 MARYVILLE, ILLINOIS**

**BUNKUM PLACE
 CROSS SECTIONS**

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

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

