01/19/2018 LETTING ITEM 091

F. A. U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4304	04-00045-01-FP	WILL	40	1
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

CONTRACT #61E30

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS
SEE SHEET NO. 2

HIGHWAY STANDARDS
SEE SHEET NO. 2

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

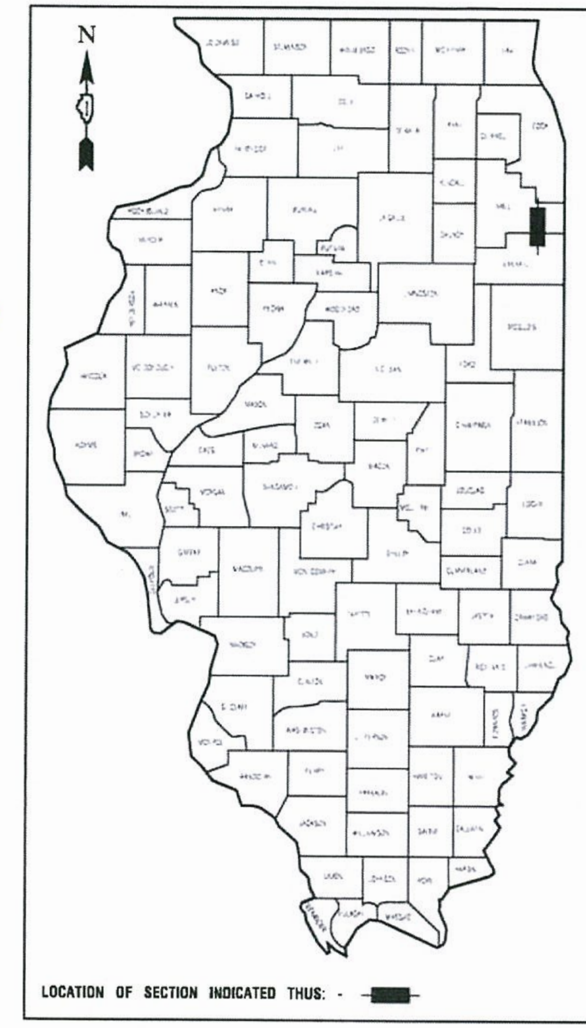
FAU 4304 (RATHJE ROAD), CORNING AVE TO JOLIET RD
RECONSTRUCTION
SECTION NO.: 04-00045-01-FP
PROJECT NO.: N9A5(205)
VILLAGE of PEOTONE
WILL COUNTY
JOB NO.: C-91-187-15

DESIGN DESIGNATION – RATHJE ROAD (2030) – MAJOR COLLECTOR
PV=6,650 SU=300 MU=50

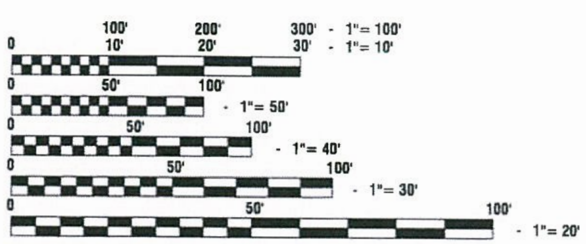
2016 ADT – 2,000
2040 ADT – 7,000

EXISTING SPEED LIMIT – 25 MPH
PROPOSED SPEED LIMIT – 25 MPH

DESIGN PERIOD – 20 YEARS
DESIGN SPEED LIMIT – 35 MPH
STREET CLASSIFICATION – CLASS II ROAD

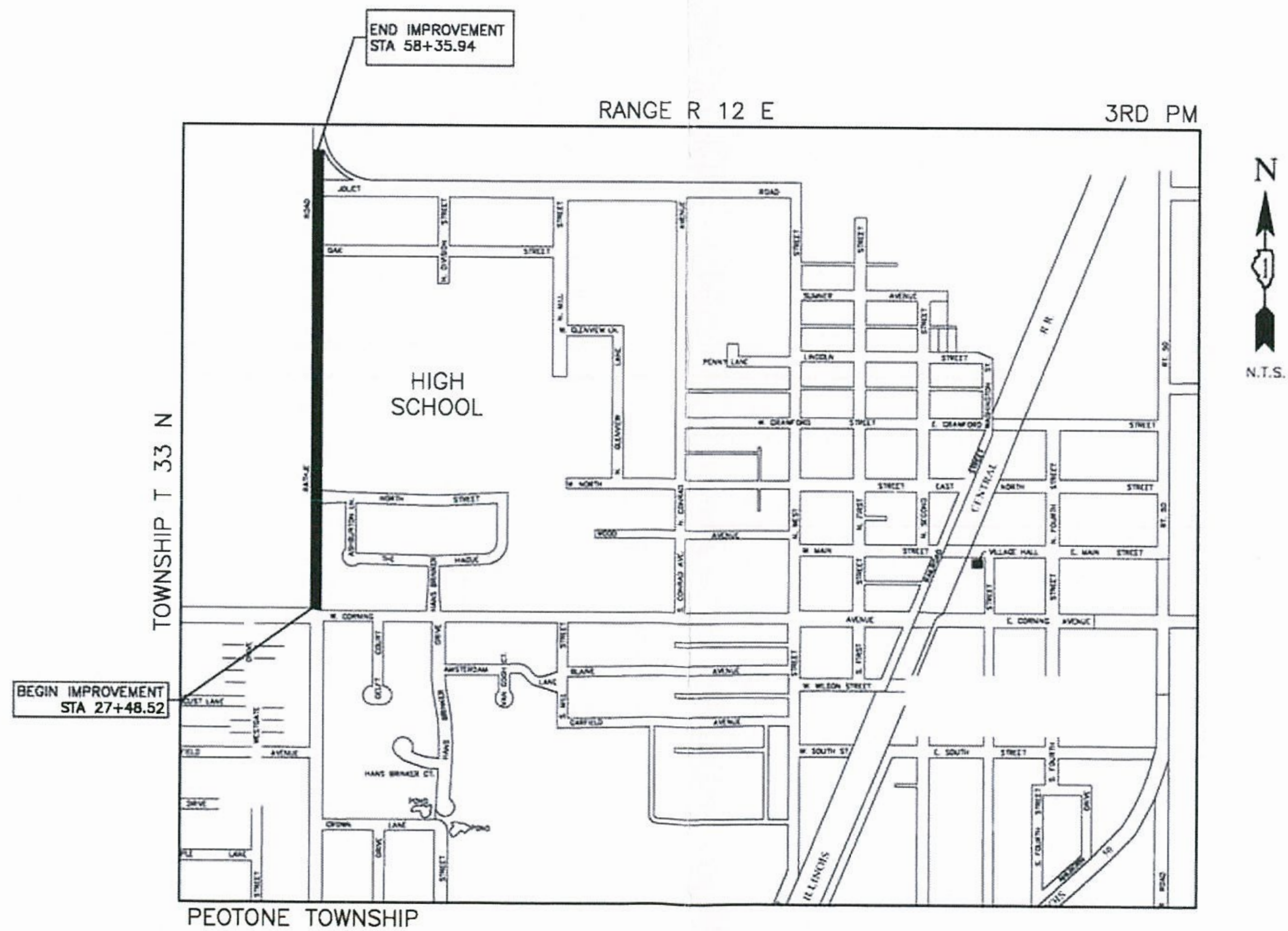


SCALES
- PLAN - 1"=50'
- PROFILE HORIZ. - 1"=50'
- PROFILE VERT. - 1"=5'
- CROSS SECTIONS - 1"=10'



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



LOCATION MAP

GROSS LENGTH=3,086 FEET=0.58 MILES
NET LENGTH=3,086 FEET=0.58 MILES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Approved 10-4-17
President, Village of PEOTONE

Passed OCTOBER 16, 2017
CHRISTOPHER HOLT
District 1 Engineer of Local Roads & Streets

Released for Bid Based on Limited Review OCTOBER 16, 2017
Anthony J. Quigley / CAB
Regional Engineer

DESCRIPTION OF IMPROVEMENT

THIS IMPROVEMENT CONSISTS OF EARTH EXCAVATION, PAVEMENT REMOVAL, HMA FULL DEPTH PAVEMENT, STORM SEWER CONSTRUCTION, BOX CULVERTS, AND ALL INCIDENTAL WORK AS NECESSARY TO COMPLETE THE IMPROVEMENT SHOWN HEREIN AND AS DESCRIBED IN THE SPECIFICATIONS.

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

Troy A. Golem
9-27-17

TROY A. GOLEM
62-63270
LICENSED PROFESSIONAL ENGINEER
STATE OF ILLINOIS

LICENSE EXPIRES: 11/30/17

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 61E30

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, PE, 847-705-4406, SCHAUMBURG, IL.
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

INDEX OF SHEETS

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATION AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-07	TRAVERSABLE PIPE GRATE
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET TYPE A
602401-04	MANHOLE TYPE A
602406-08	MANHOLE TYPE A 6' (1.8m) DIAMETER
602411-06	MANHOLE TYPE A 7' (2.1m) DIAMETER
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS TYPE 1
604036-03	FRAME AND GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE 11
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

1. BOTH THE ROBINSON ENGINEERING, LTD. FIELD OFFICE (708–331–6700) AND BOB HENNKE AT THE VILLAGE OF PEOTONE (708–258–3279) SHALL BE NOTIFIED TWO (2) WORKING DAYS BEFORE CONSTRUCTION BEGINS.
2. AREAS DISTURBED BY CONSTRUCTION SHALL BE KEPT TO A MINIMUM. ALL AREAS DISTURBED UNNECESSARILY SHALL BE RESTORED AS REQUIRED IN THE SPECIAL PROVISION.
3. ACCESS TO EXISTING DRIVEWAYS, PATHS, AND ALL PUBLIC FACILITIES SHALL BE MAINTAINED AT ALL TIMES BY PLACEMENT OF TEMPORARY AGGREGATE. THE CONTRACTOR SHALL PERIODICALLY MONITOR ALL AFFECTED AREAS DURING THE PROJECT, AND SHALL PLACE ADDITIONAL AGGREGATE WHEN NECESSARY.
4. UTILITIES INDICATED ON THE PLANS ARE PROVIDED FOR THE CONTRACTOR'S USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITIES INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO VERIFY LOCATIONS OF ALL UTILITIES. IF DETERMINED NECESSARY UTILITY RELOCATIONS SHALL BE PERFORMED BY PRIVATE UTILITY OWNERS.
5. CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS ADOPTED APRIL 1, 2016, THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
6. THE TOP OF ALL STRUCTURES SHALL BE FLUSH WITH THE ADJACENT SURFACE OR THE INDICATED ELEVATION SHOWN ON THE PLANS. FRAME ELEVATIONS ARE GIVEN ONLY TO ASSIST IN DETERMINING THE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL SURFACE ELEVATION AS PART OF THE NEW STRUCTURE.
7. ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR SHALL MAKE EVERY ATTEMPT NOT TO DAMAGE EXISTING TREES.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
10. LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SHALL BE REMOVED BY THE END OF EACH DAY BY THE CONTRACTOR.
11. STANDARD SPECIFICATIONS REFER TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016 AND ALL ADDENDA AND SUPPLEMENTAL SPECIFICATIONS.
12. ANY UNSUITABLE MATERIAL SHALL NOT BE RE–USED WITHIN THE LIMITS OF THIS CONTRACT, BUT SHALL BE WASTED IN ACCORDANCE WITH ARTICLE 202.03 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
13. BEFORE EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1–800–892–0123 FOR FIELD LOCATIONS OF BURIED UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
14. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF PEOTONE.
15. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR THE VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM STATE OR VILLAGE.
16. MAILBOXES SHALL BE RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE UNITED STATES POSTAL SERVICE AND ACCORDING TO ARTICLE 107.20.
17. A QUANTITY FOR AGGREGATE SUBGRADE IMPROVEMENT (CU YDS) HAS BEEN INCLUDED FOR LOCATIONS OF SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIALS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR. POTENTIAL UNDERCUT AREAS WERE IDENTIFIED AT THE TIME OF THE SUBSURFACE EXPLORATION. IF UNSUITABLE SOILS ARE ENCOUNTERED IN THE FIELD DURING CONSTRUCTION, IT IS RECOMMENDED THAT THE SOIL BE REMOVED AND REPLACED WITH MATERIAL MEETING THE DISTRICT ONE AGGREGATE SUBGRADE IMPROVEMENT SPECIAL PROVISION. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER OR SOILS INSPECTOR. ALL POTENTIALLY UNSTABLE SOILS SHALL BE TESTED WITH A CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. ANY MATERIAL NOT NEEDED FOR UNDERCUT REPLACEMENT AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT.
18. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH VARIOUS TYPES OF GUTTER ITEMS OF WORK AS INDICATED ON THE PLANS.

SUMMARY OF QUANTITIES

S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY CONSTRUCTION TYPE CODE 0004	SAFETY 0021	TRAINEES 0042
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	7	7		
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	7	7		
	20200100	EARTH EXCAVATION	CU YD	8135	8135		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1000	1000		
	20800150	TRENCH BACKFILL	CU YD	500	500		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2635	2635		
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	9100	9100		
	25000210	SEEDING, CLASS 2A	ACRE	1.5	1.5		
	25000310	SEEDING, CLASS 4	ACRE	0.5	0.5		
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	135	135		
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	135	135		
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	135	135		
	25100630	EROSION CONTROL BLANKET	SQ YD	9100	9100		
	28000305	TEMPORARY DITCH CHECKS	FOOT	240	240		
	28000400	PERIMETER EROSION BARRIER	FOOT	6375	6375		
	28000510	INLET FILTERS	EACH	61	61		
	28100107	STONE RIPRAP, CLASS A4	SQ YD	270	270		
	28200200	FILTER FABRIC	SQ YD	270	270		
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1000	1000		
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	13885	13885		
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1310	1310		
	35501306	HOT-MIX ASPHALT BASE COURSE, 5 1/2"	SQ YD	11460	11460		
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	220	220		
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200	200		

* – INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES

S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY CONSTRUCTION TYPE CODE 0004	SAFETY 0021	TRAINEES 0042
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	500	500		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5160	5160		
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1350	1350		
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	80	80		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9010		9010	
	42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	70		70	
	42400800	DETECTABLE WARNINGS	SQ FT	60		60	
	44000100	PAVEMENT REMOVAL	SQ YD	7820	7820		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	120	120		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	265	265		
	44000600	SIDEWALK REMOVAL	SQ FT	175	175		
	48101202	AGGREGATE SHOULDERS, TYPE B	CU YD	15	15		
	50102400	CONCRETE REMOVAL	CU YD	5	5		
	50105220	PIPE CULVERT REMOVAL	FOOT	312	312		
*	50901760	PIPE HANDRAIL	FOOT	53		53	
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2		
	54011206	PRECAST CONCRETE BOX CULVERTS 12' X 6'	FOOT	140	140		
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	236	236		
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	261	261		
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	370	370		
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	259	259		
	550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	589	589		
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	575	575		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	14	14		

* – INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES

S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	SAFETY 0021	TRAINEES 0042
					CONSTRUCTION TYPE CODE		
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	276	276		
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	887	887		
	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	200	200		
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	200	200		
	55100500	STORM SEWER REMOVAL 12"	FOOT	466	466		
	55101100	STORM SEWER REMOVAL 21"	FOOT	849	849		
	55101200	STORM SEWER REMOVAL 24"	FOOT	45	45		
*	56106600	ADJUSTING WATER MAIN 12"	FOOT	35	35		
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	8	8		
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2		
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	19	19		
	60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	6	6		
	60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2		
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3		
	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
	60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	2	2		
	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2		
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	3	3		
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	19	19		
	60255500	MANHOLES TO BE ADJUSTED	EACH	1	1		
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1		
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1		
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	3	3		
	60500040	REMOVING MANHOLES	EACH	2	2		

* – INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES

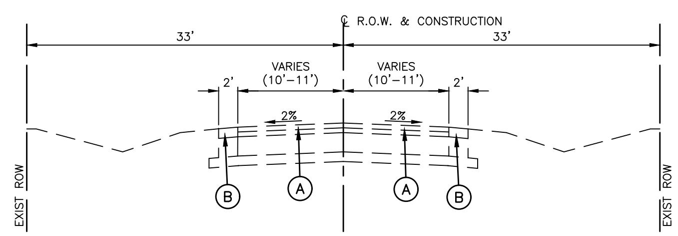
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	SAFETY 0021	TRAINEES 0042
					CONSTRUCTION TYPE CODE		
	60500050	REMOVING CATCH BASINS	EACH	3	3		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	125	125		
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	6050	6050		
	60608562	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	60	60		
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
	67100100	MOBILIZATION	LSUM	1	1		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1000		1000	
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	334		334	
	72000100	SIGN PANEL - TYPE 1	SQ FT	35		35	
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4		4	
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4		4	
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	15		15	
*	72900200	METAL POST - TYPE B	FOOT	160		160	
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	80		80	
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9360		9360	
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	340		340	
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	685		685	
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	70		70	
*	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	60		60	
*	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	15		15	
	Z0076600	TRAINEES	HOUR	500			500
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500			500
	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	4	4		
	X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	200		200	

* – INDICATES SPECIALTY ITEMS

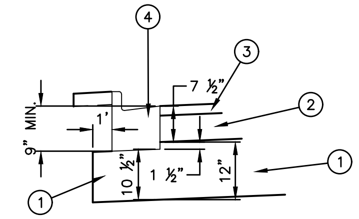
SUMMARY OF QUANTITIES

S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY CONSTRUCTION TYPE CODE 0004	SAFETY 0021	TRAINEES 0042
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1		
*	XX004972	LINE STOPS 12"	EACH	2	2		
	XX005206	EXPLORATORY EXCAVATION	FOOT	75	75		

* – INDICATES SPECIALTY ITEMS



EXISTING TYPICAL SECTION
STATION 27+48.52 TO 58+35.94, RATHJE ROAD



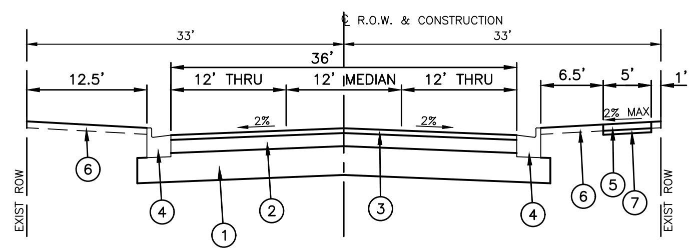
TYPICAL DETAIL AT CURB AND GUTTER

EXISTING LEGEND

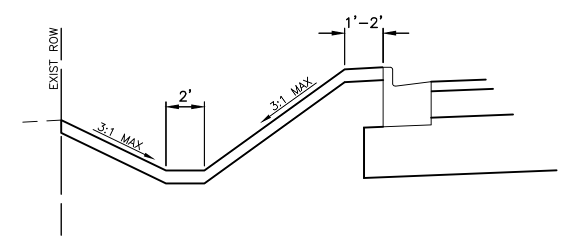
- (A) EXISTING HMA PAVEMENT AND STONE BASE (DEPTH VARY) TO BE REMOVED
- (B) INTERMITTENT GRAVEL SHOULDER TO BE REMOVED

PROPOSED LEGEND

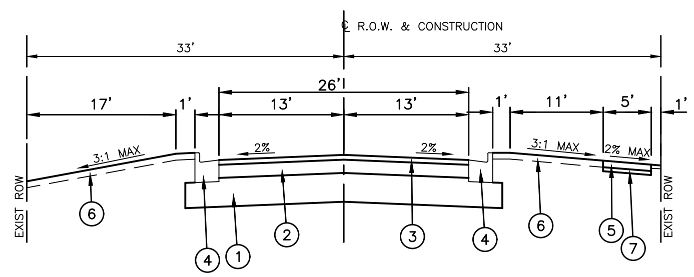
- (1) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (2) HMA BASE COURSE (HMA BIINDER IL–19mm), N50 – 5–1/2"
- (3) HMA SURFACE COURSE, MIX "D", N50 – 2"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B–6.24
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (6) TOPSOIL–4" AND SEEDING, CLASS 2A
- (7) AGGREGATE BASE COURSE, TYPE B–4"



PROPOSED TYPICAL SECTION
STATION 27+48.52 TO 46+27.17, RATHJE ROAD



TYPICAL DITCH SECTION



PROPOSED TYPICAL SECTION
STATION 46+27.17 TO 58+35.94, RATHJE ROAD

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

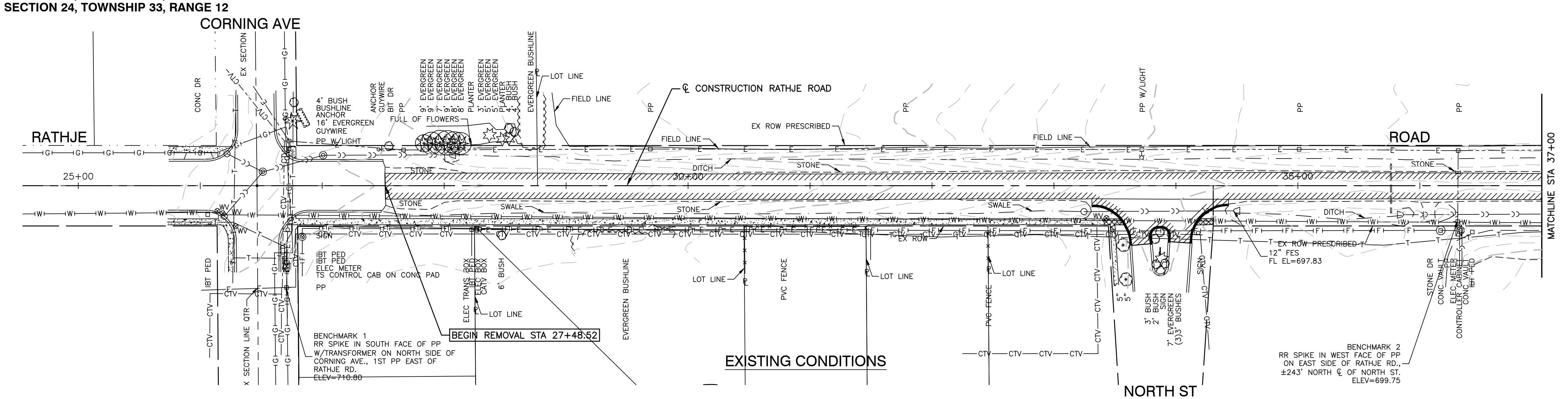
MIXTURE TYPE	AIR VOIDS
FULL DEPTH PAVEMENT	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL–9.5mm)	4% @ 50 Gyr.
HOT MIX ASPHALT BINDER COURSE, IL–19.0, N50, 5.5" (IN 2 LIFTS)	4% @ 50 Gyr.
DRIVEWAYS	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50(IL–9.5mm); 2"	4% @ 50 Gyr.
HOT MIX ASPHALT BASE COURSE, (HMA BINDER IL–19.0mm); 6" (IN 2 LIFTS)	4% @ 50 Gyr.

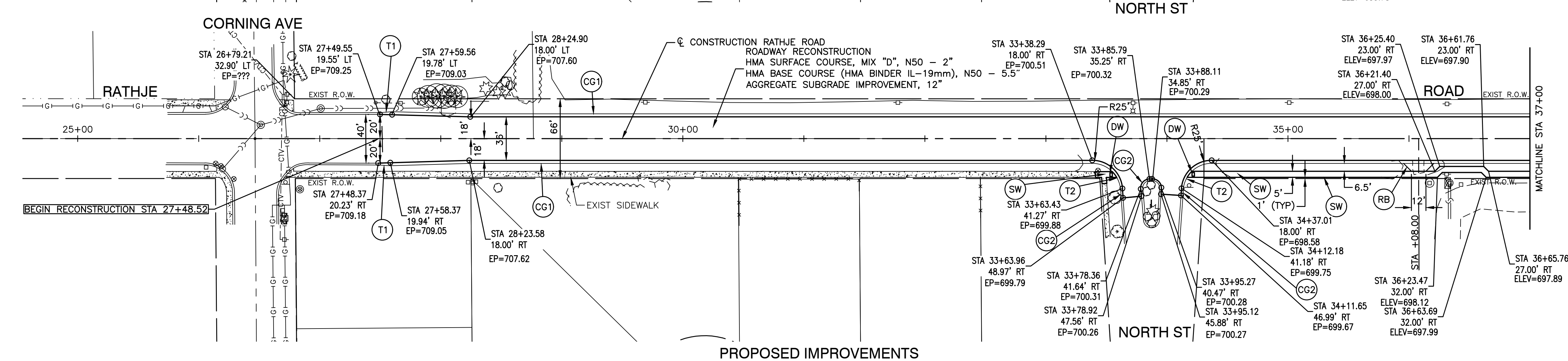
NOTE:
THE UNIT WEIGHT USED TO CALCULATE ALL HOT–MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
THE "AC–TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76–22" AND FOR NON–POLYMERIZED THE "AC–TYPE" SHALL BE "PG 64–22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS, FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

EARTHWORK TABLE

TOTAL CUT (EARTH EXCAVATION)	8135 CY
TOTAL FILL	1475 CY
CUT TO FILL (15% SHRINKAGE)	1695 CY
EXCESS MATERIAL TO BE HAULED AWAY	6860 CY

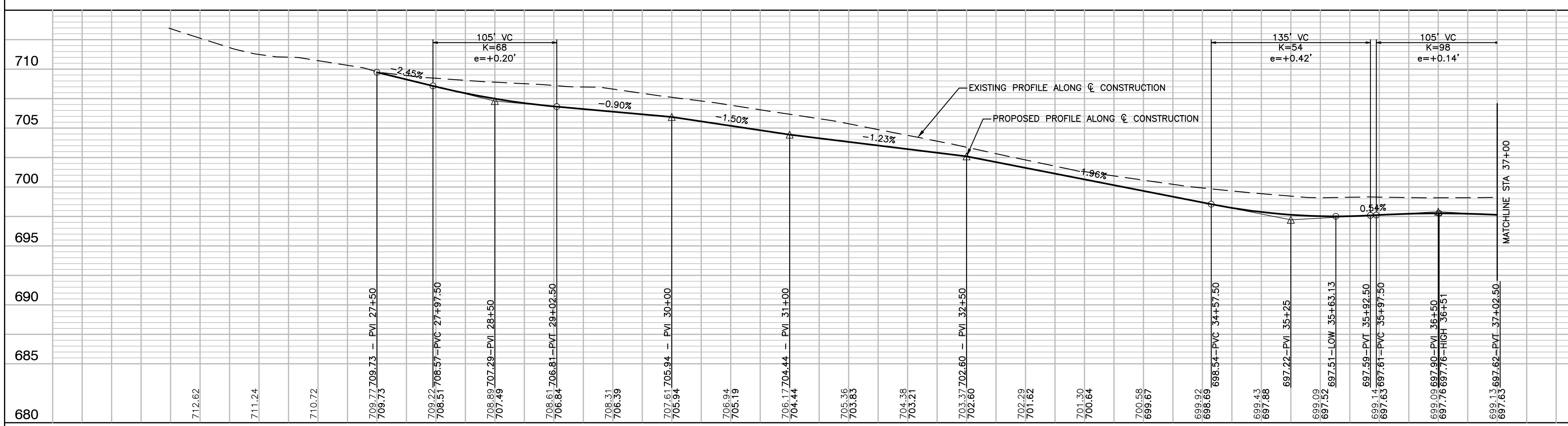
SECTION 23, TOWNSHIP 33, RANGE 12
SECTION 24, TOWNSHIP 33, RANGE 12





LEGEND

- PAVEMENT REMOVAL
- CONCRETE SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CONC CURB & GUTTER REMOVAL
- (CG1) COMBINATION CONCRETE CURB & GUTTER, TYPE B–6.24
- (CG2) COMBINATION CONCRETE CURB & GUTTER, TYPE B–6.12
- (CG3) COMBINATION CONCRETE CURB & GUTTER, TYPE M–4.12
- (SW) PCC SIDEWALK, 5" (7" THROUGH DRIVEWAYS) AGGREGATE BASE COURSE, TYPE B, 4"
- (T1) 10' TRANSITION FROM CURB & GUTTER TYPE B–6.12 TO B–6.24
- (T2) 10' TRANSITION FROM CURB & GUTTER TYPE B–6.24 TO M–4.12
- (RB) HOT–MIX ASPHALT DRIVEWAY HOT–MIX ASPHALT SURFACE COURSE, IL–9.5, MIX "D", N50, 2" HOT–MIX ASPHALT BASE COURSE, 6" AGGREGATE BASE COURSE, TYPE B, 4"
- (CC) PCC CONCRETE DRIVEWAY PCC DRIVEWAY PAVEMENT, 7" AGGREGATE BASE COURSE, TYPE B, 4"
- (DW) DETECTABLE WARNING
- * WARP PAVEMENT FOR LOW SPOT



BENCH MARK:

BENCHMARK 1
RR SPIKE IN SOUTH FACE OF PP W/TRANSFORMER ON NORTH SIDE OF CORNING AVE., 1ST PP EAST OF RATHJE RD.
ELEVATION = 710.80, NAVD 83 DATUM

BENCH MARK:

BENCHMARK 2
RR SPIKE IN WEST FACE OF PP ON EAST SIDE OF RATHJE RD., ±243' NORTH ℄ OF NORTH ST.
ELEVATION = 699.75, NAVD 83 DATUM

25+00 26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00

FILE NAME = 14525_02-PLPR-01 - IDOT PLPR01	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RATHJE ROAD
STREET RECONSTRUCTION
PLAN AND PROFILE

SCALE: H 1"=50', V 1"=5' | SHEET NO. 7 OF 40 SHEETS | STA. 25+00 TO STA. 37+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	7

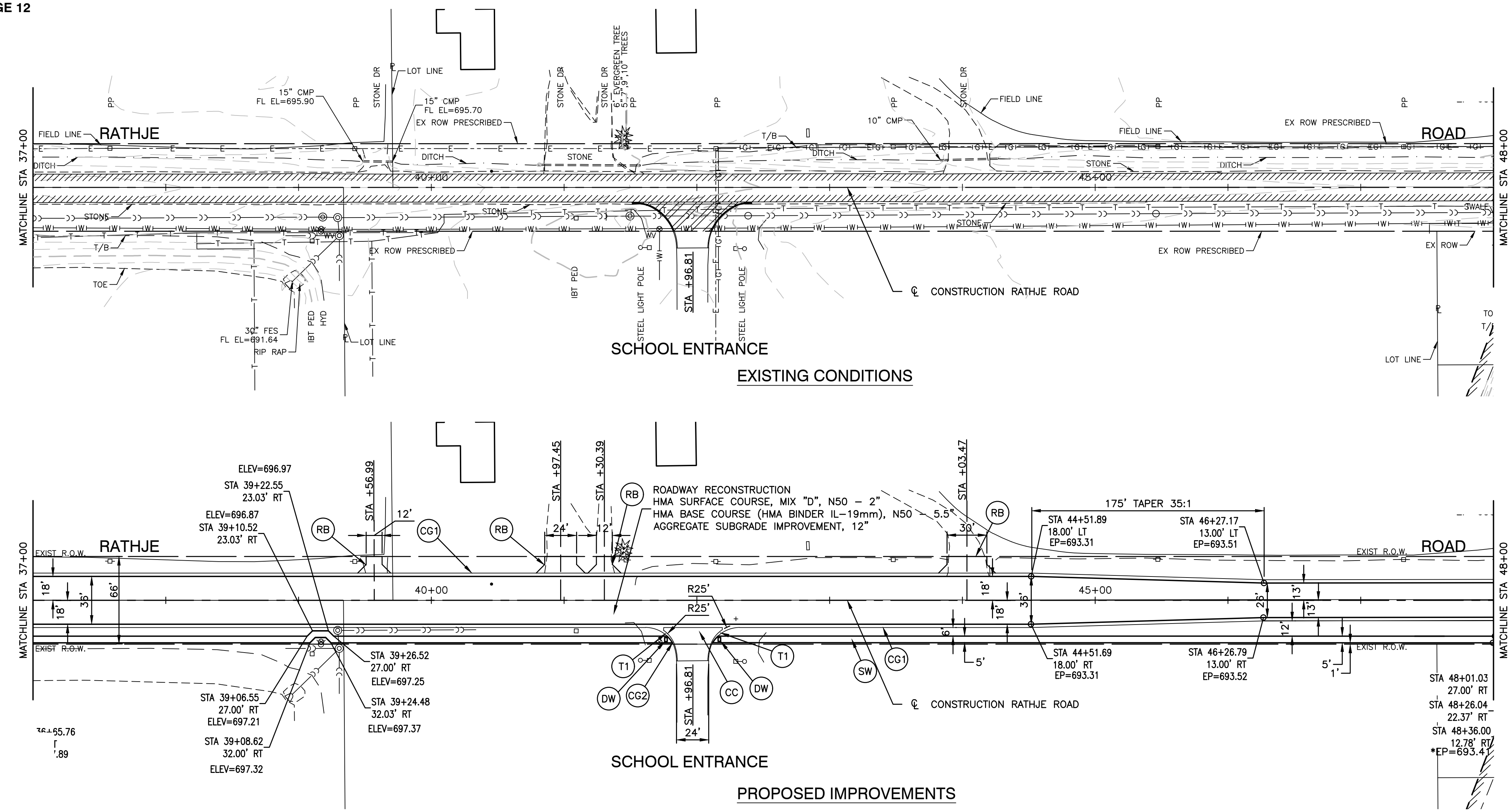
CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----

PLAN	DATE	BY
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

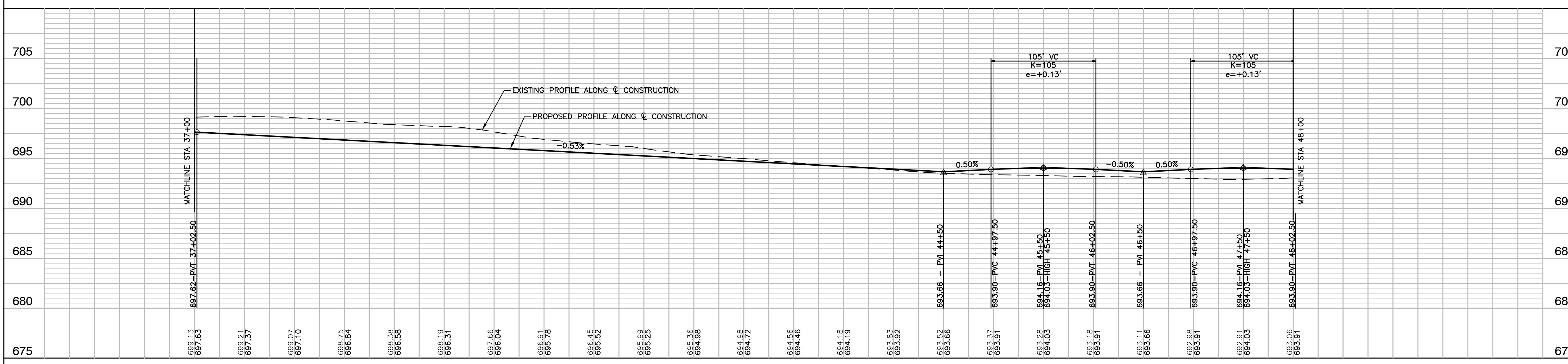
PROFILE	DATE	BY
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
NOTE BOOK NO.		

SECTION 23, TOWNSHIP 33, RANGE 12
SECTION 24, TOWNSHIP 33, RANGE 12



LEGEND

- PAVEMENT REMOVAL
- CONCRETE SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CONC CURB & GUTTER REMOVAL
- CG1 — COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- CG2 — COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- CG3 — COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.12
- SW — PCC SIDEWALK, 5" (7" THROUGH DRIVEWAYS) AGGREGATE BASE COURSE, TYPE B, 4"
- T1 — 10' TRANSITION FROM CURB & GUTTER TYPE B-6.12 TO B-6.24
- T2 — 10' TRANSITION FROM CURB & GUTTER TYPE B-6.24 TO M-4.12
- RB — HOT-MIX ASPHALT DRIVEWAY; HOT-MIX SURFACE COURSE, IL-9.5, MIX "D", N50, 2"; HOT-MIX ASPHALT BASE COURSE, 6"; AGGREGATE BASE COURSE, TYPE B, 4"
- CC — PCC CONCRETE DRIVEWAY; PCC DRIVEWAY PAVEMENT, 7"; AGGREGATE BASE COURSE, TYPE B, 4"
- DW — DETECTABLE WARNING
- * — WARP PAVEMENT FOR LOW SPOT



PLAN — NOTE BOOK — NO. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED — BY — DATE

FILE NAME = 14525_02-PLPR-01 - IDOT PLPR02	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

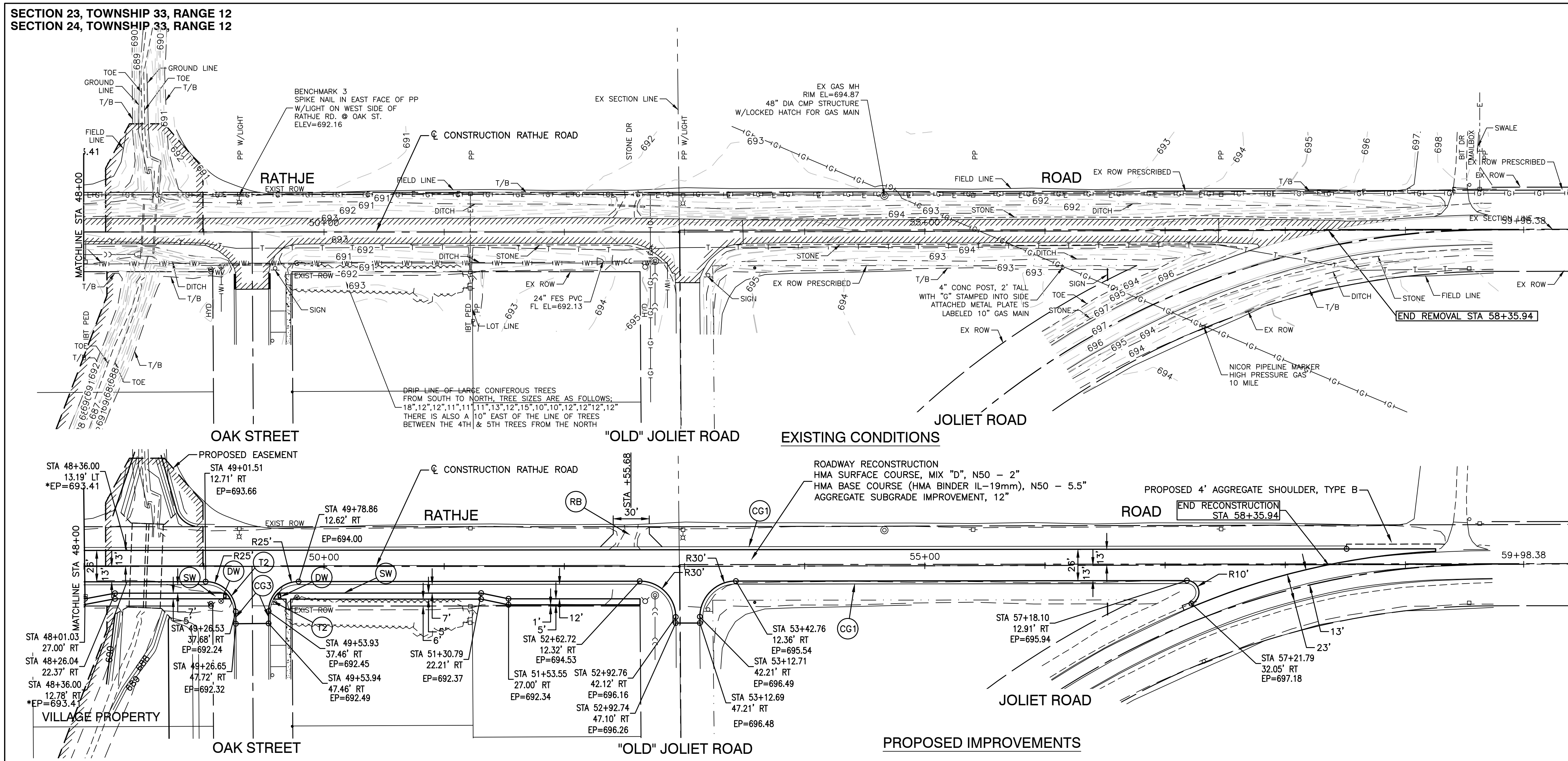
RATHJE ROAD
STREET RECONSTRUCTION
PLAN AND PROFILE

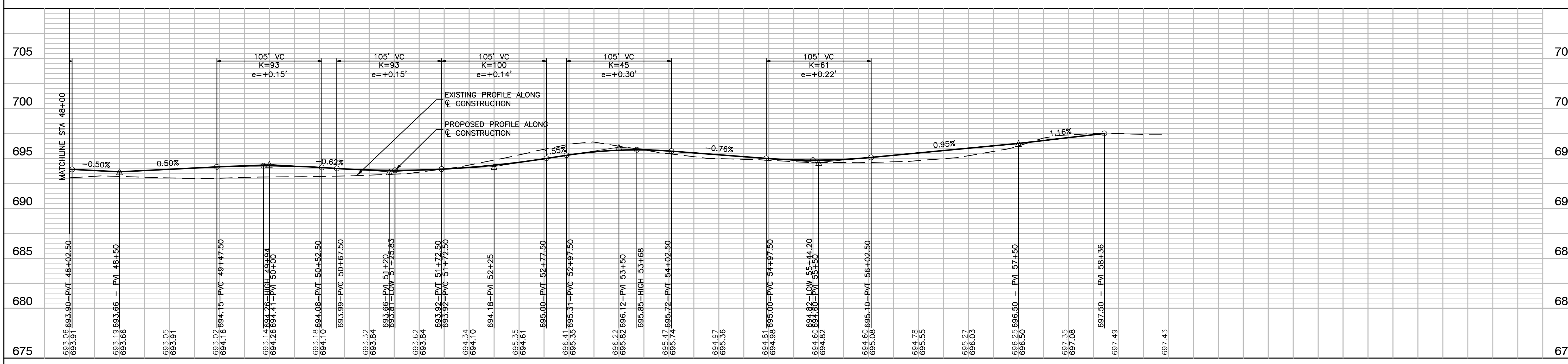
SCALE: H 1"=50', V 1"=5' | SHEET NO. 8 OF 40 SHEETS | STA. 37+00 TO STA. 48+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	8
		CONTRACT NO. 61E30		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----

SECTION 23, TOWNSHIP 33, RANGE 12
SECTION 24, TOWNSHIP 33, RANGE 12





N

NOTE:

AN ALIGNMENT STUDY WAS PERFORMED DURING THE PHASE I STUDY IN ORDER TO EVALUATE THE NEED TO RE-ALIGN THE RATHJE ROAD/JOLIET ROAD INTERSECTION. THE STUDY REVEALED NO APPARENT SAFETY DEFICIENCIES BASED ON REPORTED ACCIDENT EXPERIENCE, AND NO EXCESSIVE DELAYS BASED ON THE TRAFFIC NUMBERS. INTERSECTION REALIGNMENT IS NOT REQUIRED.

LEGEND

- PAVEMENT REMOVAL
- CONCRETE SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CONC CURB & GUTTER REMOVAL
- CG1 — COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- CG2 — COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- CG3 — COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.12
- SW — PCC SIDEWALK, 5" (7" THROUGH DRIVEWAYS) AGGREGATE BASE COURSE, TYPE B, 4"
- T1 — 10' TRANSITION FROM CURB & GUTTER TYPE B-6.12 TO B-6.24
- T2 — 10' TRANSITION FROM CURB & GUTTER TYPE B-6.24 TO M-4.12
- RB — HOT-MIX ASPHALT DRIVEWAY HOT-MIX SURFACE COURSE, IL-9.5, MIX "D", N50, 2" HOT-MIX ASPHALT BASE COURSE, 6" AGGREGATE BASE COURSE, TYPE B, 4"
- CC — PCC CONCRETE DRIVEWAY PCC DRIVEWAY PAVEMENT, 7" AGGREGATE BASE COURSE, TYPE B, 4"
- DW — DETECTABLE WARNING
- * — WARP PAVEMENT FOR LOW SPOT

BENCH MARK:

BENCHMARK 3
SPIKE NAIL IN EAST FACE OF PP W/LIGHT ON WEST SIDE OF RATHJE RD. @ OAK ST.
ELEVATION = 692.16

FILE NAME = 14525_02-PLPR-01 - IDOT PLPR03	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

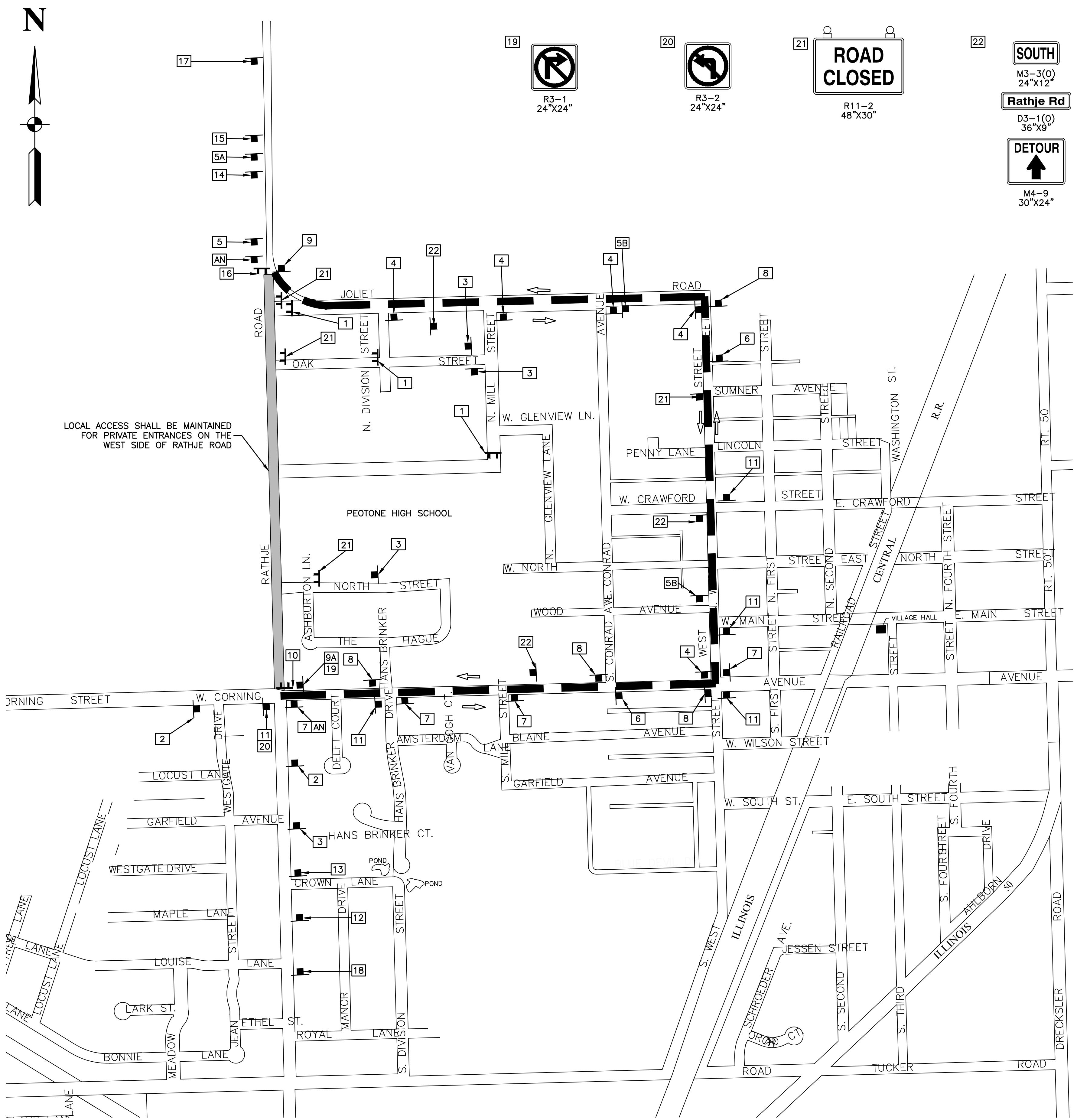
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RATHJE ROAD
STREET RECONSTRUCTION
PLAN AND PROFILE

SCALE: H 1"=50', V 1"=5' | SHEET NO. 9 OF 40 SHEETS | STA. 48+00 TO STA. 59+98.38

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	9
		CONTRACT NO. 61E30		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



19 — R3-1 24"X24"

20 — R3-2 24"X24"

21 — ROAD CLOSED — R11-2 48"X30"

22 — SOUTH M3-3(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / DETOUR M4-9 30"X24"

1 — ROAD CLOSED TO THRU TRAFFIC — R11-4 60"X30"

2 — DETOUR 500 FT W20-2 48"X48" / NORTH M3-1(0) 24"X12" / Rathje Rd D3-1(0) 36"X9"

3 — ROAD CLOSED 1000FT — W20-3(0) 48"X48"

4 — SOUTH M3-3(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / DETOUR M4-9R 30"X24"

5 — SOUTH M3-3(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / DETOUR M4-9L 30"X24"

5A — SOUTH M3-3(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / DETOUR M4-9L(MOD) 30"X24"

5B — SOUTH M3-3(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / DETOUR M4-9R(MOD) 30"X24"

6 — NORTH M3-1(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / DETOUR M4-9L(MOD) 30"X24"

7 — NORTH M3-1(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / DETOUR M4-9R 30"X24"

8 — NORTH M3-1(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / DETOUR M4-9L 30"X24"

9 — NORTH M3-1(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / END DETOUR M4-8a 24"X18"

9A — SOUTH M3-3(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / END DETOUR M4-8a 24"X18"

10 — ROAD CLOSED — R11-2 48"X30"

DETOUR — M4-10R 48"X18"

11 — NORTH M3-1(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / DETOUR M4-9 30"X24"

12 — ROAD CLOSED AHEAD W20-3 48"X48" / NORTH M3-1(0) 24"X12" / Rathje Rd D3-1(0) 36"X9"

13 — NORTH M3-1(0) 24"X12" / Rathje Rd D3-1(0) 36"X9" / DETOUR M4-9R(MOD) 30"X24"

14 — DETOUR 500 FT W20-2 48"X48" / SOUTH M3-3(0) 24"X12" / Rathje Rd D3-1(0) 36"X9"

15 — ROAD CLOSED AHEAD W20-3 48"X48" / SOUTH M3-3(0) 24"X12" / Rathje Rd D3-1(0) 36"X9"

16 — ROAD CLOSED — R11-2 48"X30"

DETOUR — M4-10L 48"X18"

17 — Rathje Road SOUTH CLOSED TO THRU TRAFFIC FOLLOW DETOUR — R11-3a 60"X30"

18 — Rathje Road NORTH CLOSED TO THRU TRAFFIC FOLLOW DETOUR — R11-3a 60"X30"

AN — ROAD WILL BE CLOSED FROM MMM## THRU MMM — 66" × 48" — 5" D TYPE; 5" D TYPE; 5" D TYPE (SEE NOTE a); 5" D TYPE (SEE NOTE b) — AN-C100 – 48"X66"

NOTE:
a) OVERLAY PANEL (a) TO CONTAIN STARTING DATE OF FULL CLOSURE AND DETOUR IMPLEMENTATION.
b) OVERLAY PANEL (b) TO CONTAIN ENDING MONTH OF FULL CLOSURE AND DETOUR.

LEGEND

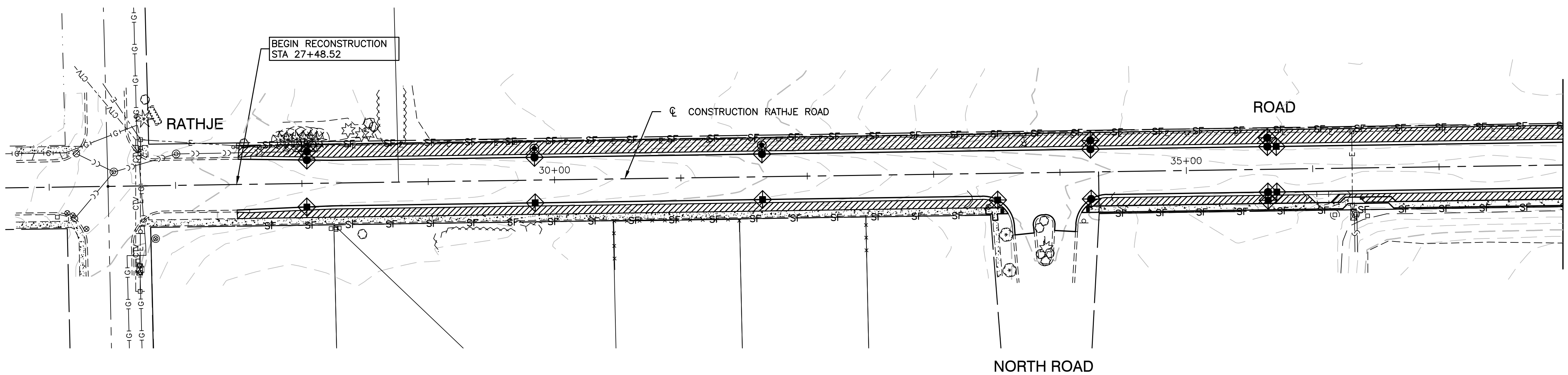
- SUGGESTED DETOUR ROUTE
- CONSTRUCTION AREA DURING DETOUR
- TYPE III BARRICADE WITH STEADY BURNING LIGHT
- SIGN, POST-MOUNTED, PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS
- DIRECTION OF TRAFFIC

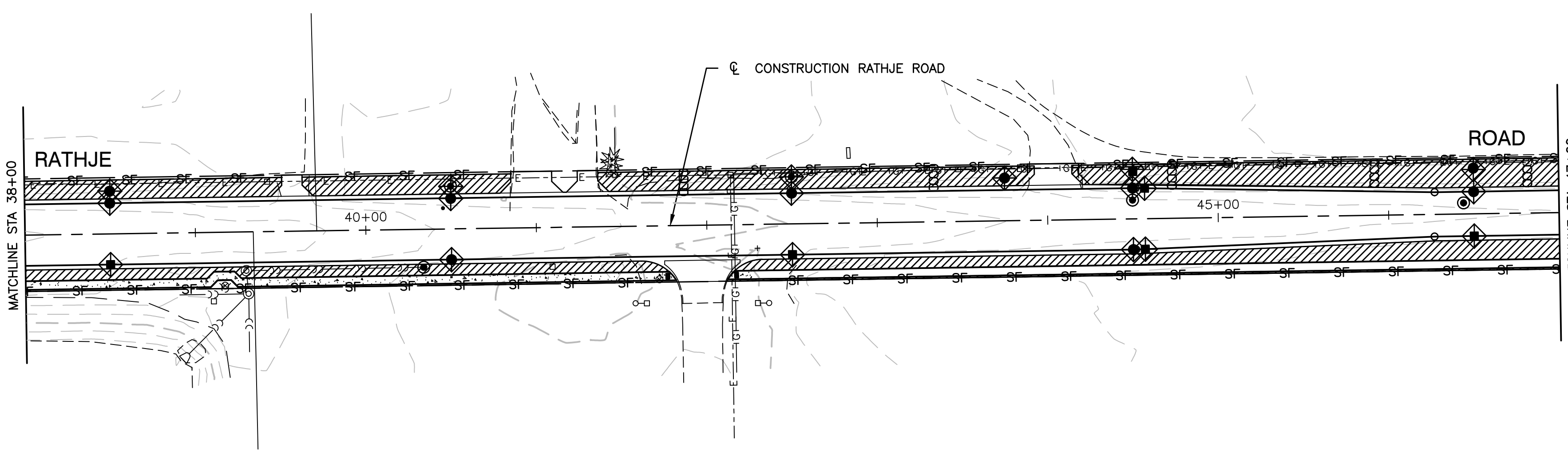
GENERAL NOTES

1. PEOTONE HIGH SCHOOL IS LOCATED ALONG THE PROPOSED RATHJE ROAD IMPROVEMENTS. THE CONTRACTOR SHALL WORK WITH THE VILLAGE TO SCHEDULE THE BULK OF THE WORK AND THE ROAD CLOSURE DURING THE SUMMER MONTHS WHEN SCHOOL IS NOT IN SESSIONS. DISTURBING CONSTRUCTION ACTIVITIES AND ROAD CLOSURE SHALL BE COMPLETE BY THE TIME SCHOOL STARTS IN AUGUST. APPROXIMATE SCHOOL CLOSING AND OPENING DATES: MAY 29, 2018 AND AUGUST 20TH, 2018.
2. THIS DETOUR ROUTE WILL BE IN EFFECT DURING CONSTRUCTION WHEN TRAFFIC ON RATHJE ROAD IS CLOSED. RATHJE ROAD TRAFFIC WILL BE DETOURED VIA CORNING AVENUE, WEST STREET, AND JOLIET STREET.
3. ERECT SIGN ASSEMBLY (AN) (POST MOUNTED) WITH PANELS (a) AND (b) IN PLACE AS SHOWN ON DETOUR PLAN TWO (2) WEEKS PRIOR TO START DATE OF FULL CLOSURE. REMOVE ASSEMBLY AS THE DETOUR ROUTE IS IN OPERATION.
4. ALL SIGNS, BARRICADES, SIGN'S LIGHTS & FLAGS SHALL BE IN ACCORDANCE WITH THOSE INDICATED IN TRAFFIC CONTROL STANDARDS OF MUTCD & STANDARD SPECIFICATIONS.
5. THE VILLAGE OF PEOTONE AND I.D.O.T. (DISTRICT 1) SHALL BE NOTIFIED TWO (2) WEEKS IN ADVANCE PRIOR TO THE IMPLEMENTATION OF THIS DETOUR ROUTE FOR THE SUBJECT CONSTRUCTION.
6. "D3-1(0)" SIGNS SHALL HAVE 6" BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
7. "AN" SIGN AND ALL OTHERS SHALL HAVE BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND. "AN" SIGN IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

FILE NAME = 14525_02-DETR-01 - IDOT P01	USER NAME =	DESIGNED — TAG	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CORNING TO JOLIET ROAD RATHJE ROAD DETOUR PLAN	F.A.U RTE. 4304	SECTION 04-00045-01-FP	COUNTY WILL	TOTAL SHEETS 40 / SHEET NO. 10
		CHECKED — HLG	REVISED —						
	PLOT SCALE =	DRAWN — ACAD	REVISED —					CONTRACT NO. 61E30	
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —		SCALE: 1"=400' — SHEET NO. 10 OF 40 SHEETS — STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ----	

SECTION 23, TOWNSHIP 33, RANGE 12
SECTION 24, TOWNSHIP 33, RANGE 12





KEY	ITEM NAME
——SF——	PERIMETER EROSION BARRIER TO BE PLACED 1' FROM R.O.W. (TYP.)
	INLET FILTER
	SEEDING CLASS 2A WITH EROSION CONTROL BLANKET
	SEEDING CLASS 4 WITH EROSION CONTROL BLANKET
	TEMPORARY DITCH CHECKS
	RIPRAP (WITH BEDDING & FILTER FABRIC) (STONE RIP RAP CL. A, GRADATION RR4)

FILE NAME = 14525_02-LNSC-01 - IDOT P01	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CORNING TO JOLIET ROAD
RATHJE ROAD
LANDSCAPING & EROSION CONTROL

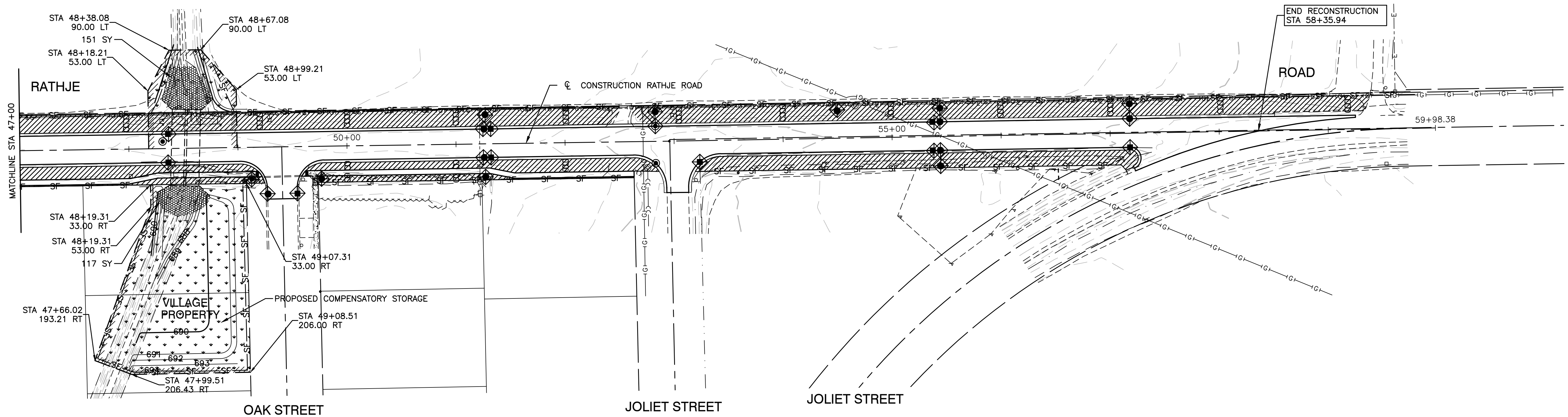
SCALE: 1"=50'	SHEET NO. 11 OF 40 SHEETS	STA. 25+00	TO STA. 47+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	11
		CONTRACT NO. 61E30		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----

SECTION 23, TOWNSHIP 33, RANGE 12
SECTION 24, TOWNSHIP 33, RANGE 12

N



KEY	ITEM NAME
—SF—	PERIMETER EROSION BARRIER TO BE PLACED 1' FROM R.O.W. (TYP.)
	INLET FILTER
	SEEDING CLASS 2A WITH EROSION BLANKET
	SEEDING CLASS 4 WITH EROSION BLANKET
	TEMPORARY DITCH CHECKS
	RIPRAP (WITH BEDDING & FILTER FABRIC) (STONE RIP RAP CL. A, GRADATION RR4)

FILE NAME = 14525_02-LNSC-01 - IDOT P01 (2)	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

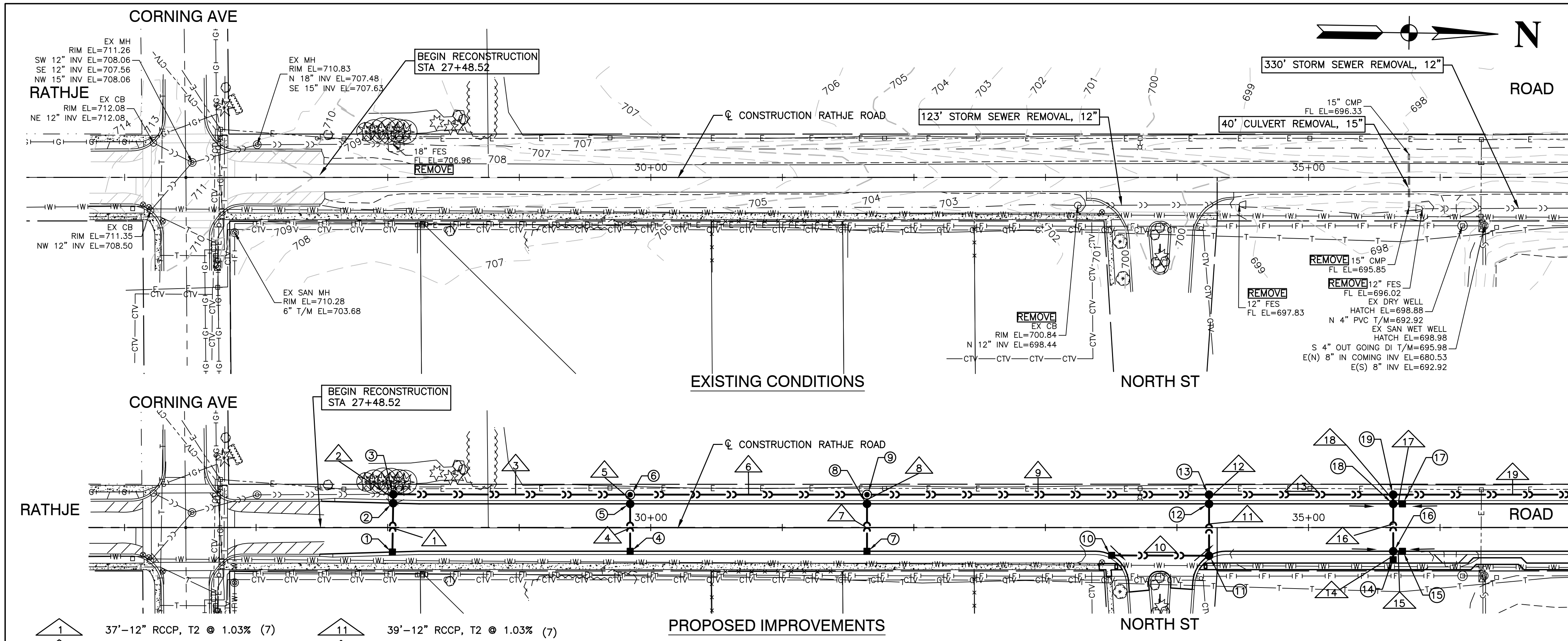
CORNING TO JOLIET ROAD
RATHJE ROAD
LANDSCAPING & EROSION CONTROL

SCALE: 1"=50' | SHEET NO. 12 OF 40 SHEETS | STA. 47+00 TO STA. 59+98.38

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	12

CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



1	37'–12" RCCP, T2 @ 1.03% (7)
2	7'–12" RCCP, T2 @ 1.57% (1)
3	180'–18" RCCP, T2 @ 2.00%
4	36'–12" RCCP, T2 @ 1.58% (11)
5	7'–12" RCCP, T2 @ 1.57% (2)
6	180'–24" RCCP, T2 @ 2.00%
7	36'–12" RCCP, T2 @ 1.58% (11)
8	7'–12" RCCP, T2 @ 1.57% (3)
9	260'–24" RCCP, T2 @ 0.70%
10	74'–12" RCCP, T2 @ 1.00% (14)
11	39'–12" RCCP, T2 @ 1.03% (7)
12	7'–12" RCCP, T2 @ 2.00% (1)
13	140'–24" RCCP, T1 @ 1.00%
14	6'–12" RCCP, T1 @ 1.14% (1)
15	7'–12" RCCP, T1 @ 1.00% (1)
16	36'–12" RCCP, T2 @ 1.06% (7)
17	7'–12" RCCP, T2 @ 1.00% (2)
18	7'–12" RCCP, T2 @ 1.00% (1)
19	286'–24" RCCP, T2 @ 1.01%

1
STA.=28+03.65, 18.59' RT
INL TA, 2' DIA, T24 F&G
RIM=708.03
12" W INV=704.18

2
STA.=28+04.20, 18.53' LT
CB TA, 4' DIA, T24 F&G
RIM=708.02
12" E INV=703.80
12" W INV=703.70

3
STA.=28+04.38, 25.27' LT
CB TA, 4' DIA, T8G
RIM=708.50
12" E INV=703.59
18" N INV=703.59

4
STA.=29+84.37, 18.00' RT
INL TA, 2' DIA, T24 F&G
RIM=705.72
12" W INV=700.77

5
STA.=29+84.37, 18.00' LT
CB TA, 4' DIA, T24 F&G
RIM=705.72
12" E INV=700.20
12" W INV=700.10

6
STA.=29+84.37, 25.00' LT
MH TA, 5' DIA, TIF CL
RIM=706.50
18" S INV=699.99
12" E INV=699.99
24" N INV=699.89

7
STA.=31+64.37, 18.00' RT
INL TA, 2' DIA, T24 F&G
RIM=703.29
12" W INV=698.32

8
STA.=31+64.37, 18.00' LT
CB TA, 4' DIA, T24 F&G
RIM=703.29
12" E INV=697.75
12" W INV=697.65

9
STA.=31+64.37, 25.00' LT
MH TA, 5' DIA, TIF CL
RIM=705.00
24" S INV=696.29
12" E INV=697.54
24" N INV=696.19

10
STA.=33+50.36, 21.11' RT
INL TA, 2' DIA, T24 F&G
RIM=700.31
12" N INV=695.75

11
STA.=34+24.37, 21.43' RT
CB TA, 4' DIA, T24 F&G
RIM=698.84
12" S INV=695.01
12" W INV=694.92

12
STA.=34+24.37, 18.00' LT
CB TA, 4' DIA, T24 F&G
RIM=698.83
12" E INV=694.51
12" W INV=694.41

13
STA.=34+24.37, 25.00' LT
CB TA, 5' DIA, T8G
RIM=699.10
24" S INV=694.37
12" E INV=694.27
24" N INV=694.27

14
STA.=35+64.34, 24.46' RT
INL TA, 2' DIA, T8G
RIM=697.33
12" W INV=693.49

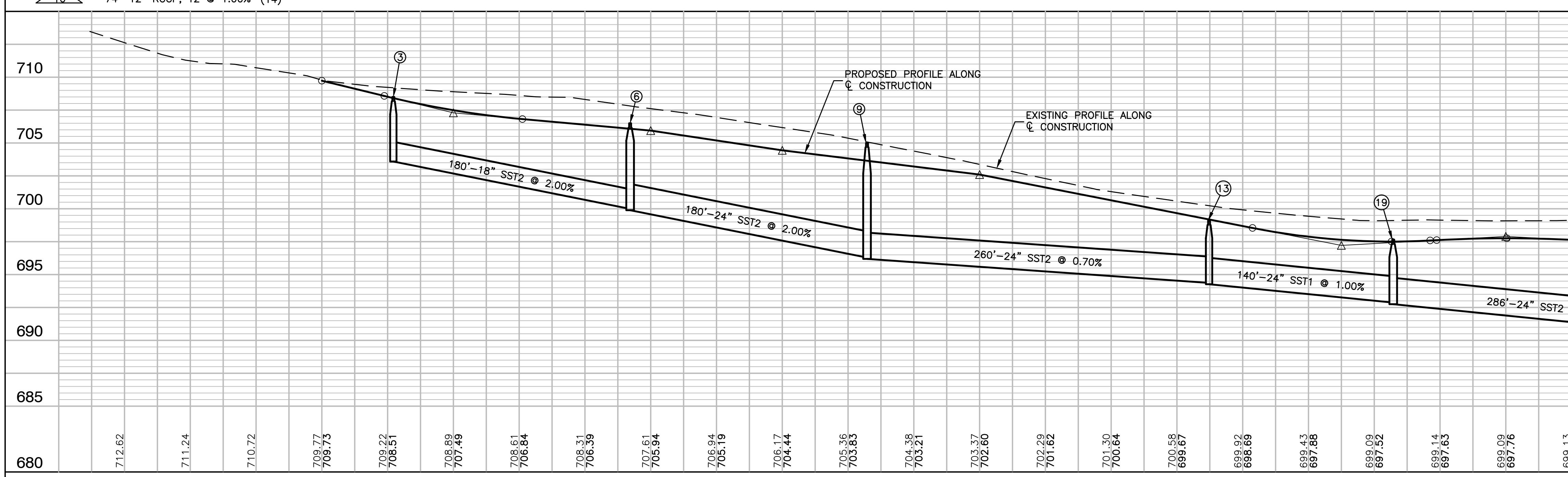
15
STA.=35+71.37, 18.00' RT
INL TA, 2' DIA, T24 F&G
RIM=697.15
12" S INV=693.49

16
STA.=35+64.37, 18.00' RT
CB TA, 4' DIA, T24 F&G
RIM=697.15
12" E INV=693.42
12" N INV=693.42
12" W INV=693.32

17
STA.=35+71.37, 18.00' LT
INL TA, 2' DIA, T24 F&G
RIM=697.15
12" S INV=693.01

18
STA.=35+64.37, 18.00' LT
CB TA, 4' DIA, T24 F&G
RIM=697.15
12" E INV=692.94
12" N INV=692.94
12" W INV=692.84

19
STA.=35+64.37, 25.00' LT
CB TA, 5' DIA, T8G
RIM=697.66
24" S INV=692.87
12" E INV=692.77
24" N INV=692.75



NOTES:

1. ALL OFFSETS AND ELEVATIONS TO CURB LINE STRUCTURES ARE GIVEN TO THE EDGE OF PAVEMENT. OFFSET AND ELEVATIONS FOR FLARED END SECTIONS ARE GIVEN AT THE FLARED END. ALL OTHER OFFSETS AND ELEVATIONS ARE GIVEN TO THE CENTER OF THE STRUCTURE.

2. (XX.X) DENOTES CUBIC YARDS TRENCH BACKFILL.

3. ALL STORM SEWERS SHALL HAVE WATERMAIN QUALITY JOINTS.

4. THE CONNECTION OF PROPOSED DRAINAGE STRUCTURES TO EXISTING STORM SEWERS AND PROPOSED STORM SEWERS TO EXISTING DRAINAGE STRUCTURES WILL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE.

BENCH MARK:

BENCHMARK 1
RR SPIKE IN SOUTH FACE OF PP W/TRANSFORMER ON NORTH SIDE OF CORNING AVE., 1ST PP EAST OF RATHJE RD.
ELEVATION = 710.80, NAVD 83 DATUM

BENCH MARK:

BENCHMARK 2
RR SPIKE IN WEST FACE OF PP ON EAST SIDE OF RATHJE RD., ±243' NORTH ℄ OF NORTH ST.
ELEVATION = 699.75, NAVD 83 DATUM

FILE NAME = 14525_02-DRNG-01 - IDOT D&U1

USER NAME =	DESIGNED — TAG	REVISED —	
	CHECKED — HLG	REVISED —	
PLOT SCALE =	DRAWN — MED	REVISED —	
PLOT DATE = 09-20-17	CHECKED — AG	REVISED —	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CORNING TO JOLIET ROAD
RATHJE ROAD
DRAINAGE & UTILITIES

SCALE: H 1"=50,V 1"=5' | SHEET NO. 13 OF 40 SHEETS | STA. 25+00 TO STA. 37+00

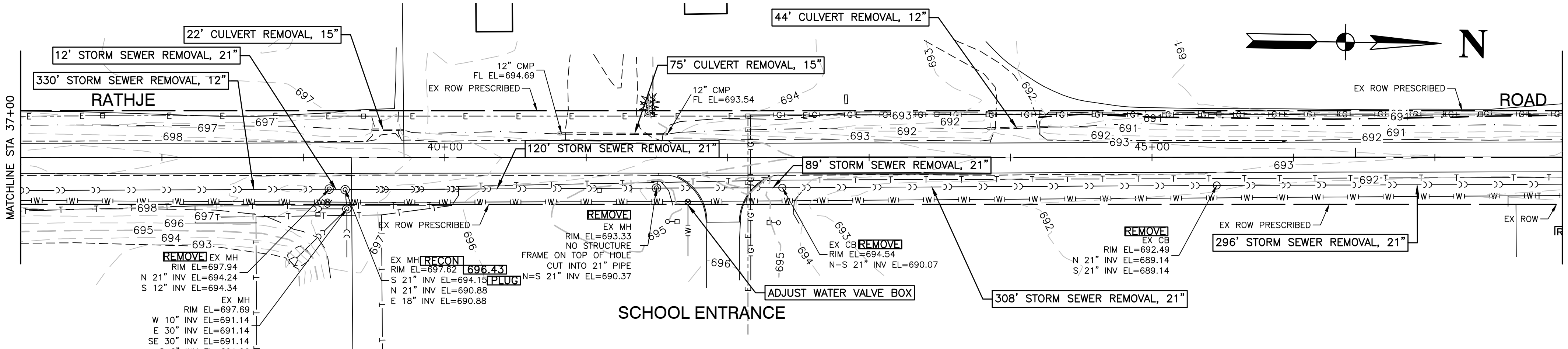
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	13

CONTRACT NO. 61E30

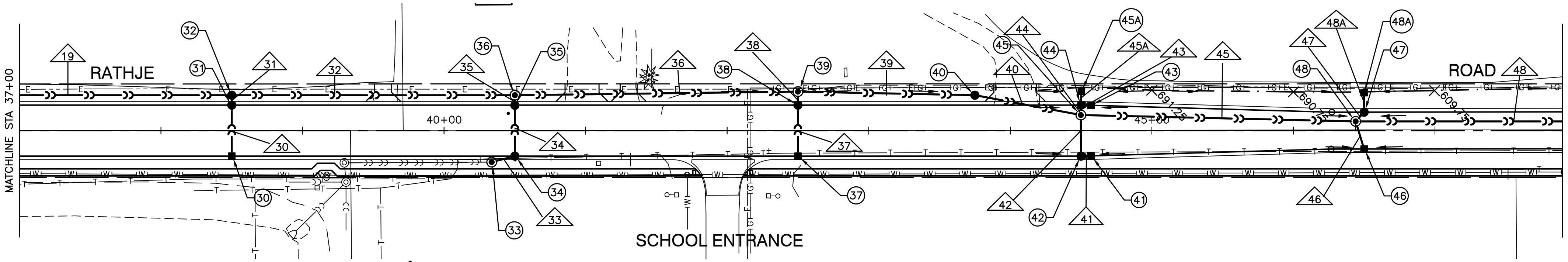
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO. — BY — DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, NOTE BOOK — BY — DATE



EXISTING CONDITIONS



PROPOSED IMPROVEMENTS

19	286'-24" RCCP, T2 @ 1.01%
30	36'-12" RCCP, T2 @ 2.11% (10)
31	7'-12" RCCP, T2 @ 2.00% (2)
32	200'-30" RCCP, T2 @ 0.30% (2)
33	17'-24" RCCP, T2 @ 0.41% (3)
34	36'-24" RCCP, T2 @ 1.06% (14)
35	7'-24" RCCP, T2 @ 0.98% (3)
36	200'-36" RCCP, T2 @ 0.40% (2)
37	36'-12" RCCP, T2 @ 2.11% (10)
38	9'-12" RCCP, T2 @ 1.47% (2)
39	125'-36" RCCP, T1 @ 0.32%
40	76'-36" RCCP, T1 @ 0.34% (13)
41	7'-12" RCCP, T2 @ 1.00% (2)
42	29'-12" RCCP, T2 @ 0.66% (7)
43	7'-12" RCCP, T2 @ 1.00% (3)
44	7'-12" RCCP, T2 @ 3.43% (1)
45	194'-36" RCCP, T1 @ 0.32% (108)
45A	10'-12" RCCP, T1 @ 0.92% (2)
46	20'-12" RCCP, T2 @ 0.98% (2)
47	9'-12" RCCP, T2 @ 1.02% (2)
48	187'-36" RCCP, T1 @ 0.34% (123)
48A	14'-12" RCCP, T1 @ 0.94% (1)

30
STA.=38+50.00, 18.00' RT
INL TA, 2' DIA, T24 F&G
RIM=696.48
12" W INV=691.87

31
STA.=38+50.00, 18.00' LT
CB TA, 4' DIA, T24 F&G
RIM=696.48
12" E INV=691.11
12" W INV=691.01

32
STA.=38+50.00, 25.00' LT
CB TA, 5' DIA, T8G
RIM=697.22
24" S INV=689.87
12" E INV=690.87
30" N INV=689.77

33
STA.=40+33.62, 22.19' RT
MH TA, 5' DIA, TIF CL
RIM=695.75
21" S INV=690.64 (EXIST)
24" N INV=689.99

34
STA.=40+50.00, 18.00' RT
CB TA, 4' DIA, T24 F&G
RIM=695.42
24" S INV=689.92
24" W INV=689.82

35
STA.=40+50.00, 17.85' LT
CB TA, 5' DIA, T24 F&G
RIM=695.42
24" E INV=689.44
24" W INV=689.34

36
STA.=40+50.00, 25.00' LT
MH TA 6' DIA, T8G
RIM=695.63
30" S INV=689.17
24" E INV=689.27
36" N INV=689.07

37
STA.=42+50.00, 18.00' RT
INL TA, 2' DIA, T24 F&G
RIM=694.36
12" W INV=689.82

38
STA.=42+50.00, 18.00' LT
CB TA, 4' DIA, T24 F&G
RIM=694.36
12" E INV=689.06
12" W INV=688.96

39
STA.=42+50.00, 27.50' LT
MH TA, 6' DIA, T8G
RIM=693.25
36" S INV=688.27
12" E INV=688.82
36" N INV=688.17

40
STA.=43+75.00, 25.00' LT
CB TA, 5' DIA, T8G
RIM=693.20
36" S INV=687.77
36" N INV=687.77

41
STA.=44+57.00, 17.85' RT
INL TA, 2' DIA, T24 F&G
RIM=693.34
12" S INV=688.44

42
STA.=44+50.00, 18.00' RT
CB TA, 4' DIA, T24 F&G
RIM=693.30
12" N INV=688.37
12" W INV=688.27

43
STA.=44+57.00, 17.86' LT
INL TA, 2' DIA, T24 F&G
RIM=693.34
12" S INV=688.49

44
STA.=44+50.00, 18.00' LT
CB TA, 4' DIA, T24 F&G
RIM=693.30
12" W INV=688.42
12" N INV=688.42
12" E INV=688.32

45
STA.=44+49.90, 11.00' LT
MH TA 7' DIA, T1F CL
RIM=693.44
36" S INV=687.51
12" W INV=688.08
12" E INV=688.08
36" N INV=687.51

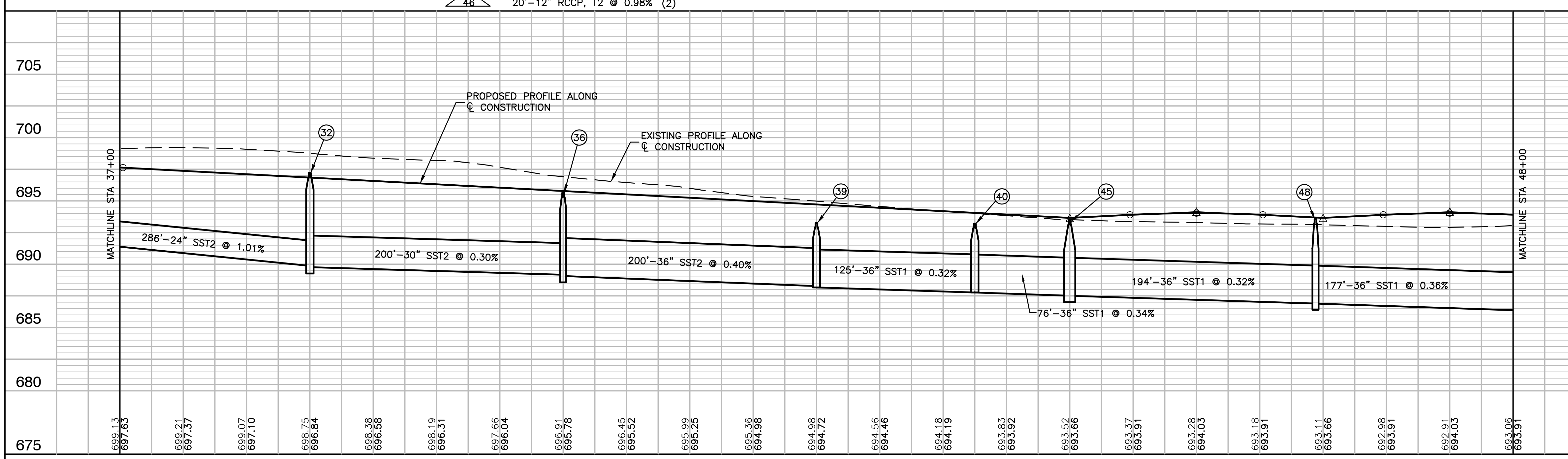
45A
STA.=44+50.24, 27.74' LT
INL TA 2' DIA, T8G
RIM=691.00
12" E INV=688.51

46
STA.=46+50.00, 13.00' RT
INL TA, 2' DIA, T24 F&G
RIM=693.40
12" W INV=688.49

47
STA.=46+50.00, 13.03' LT
CB TA, 4' DIA, T24 F&G
RIM=693.40
12" W INV=688.22
12" SE INV=688.12

48
STA.=46+44.00, 6.50' LT
MH TA, 7' DIA, T1FL CL
RIM=693.56
36" S INV=686.89
12" NW INV=688.03
12" E INV=688.29
36" N INV=686.89

48A
STA.=46+49.94, 26.80' LT
INL TA 2' DIA, T8G
RIM=690.50
12" E INV=688.35



NOTES:

1. ALL OFFSETS AND ELEVATIONS TO CURB LINE STRUCTURES ARE GIVEN TO THE EDGE OF PAVEMENT. OFFSET AND ELEVATIONS FOR FLARED END SECTIONS ARE GIVEN AT THE FLARED END. ALL OTHER OFFSETS AND ELEVATIONS ARE GIVEN TO THE CENTER OF THE STRUCTURE.
2. (XX.X) DENOTES CUBIC YARDS TRENCH BACKFILL.
3. ALL STORM SEWERS SHALL HAVE WATERMAIN QUALITY JOINTS.
4. THE CONNECTION OF PROPOSED DRAINAGE STRUCTURES TO EXISTING STORM SEWERS AND PROPOSED STORM SEWERS TO EXISTING DRAINAGE STRUCTURES WILL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE.

FILE NAME = 14525_02-DRNG-01 - IDOT D&U2

USER NAME =	DESIGNED — TAG	REVISED —	
	CHECKED — HLG	REVISED —	
PLOT SCALE =	DRAWN — MED	REVISED —	
PLOT DATE = 09-20-17	CHECKED — AG	REVISED —	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CORNING TO JOLIET ROAD
RATHJE ROAD
DRAINAGE & UTILITIES

SCALE: H 1"=50,V 1"=5' | SHEET NO. 14 OF 40 SHEETS | STA. 37+00 TO STA. 48+00

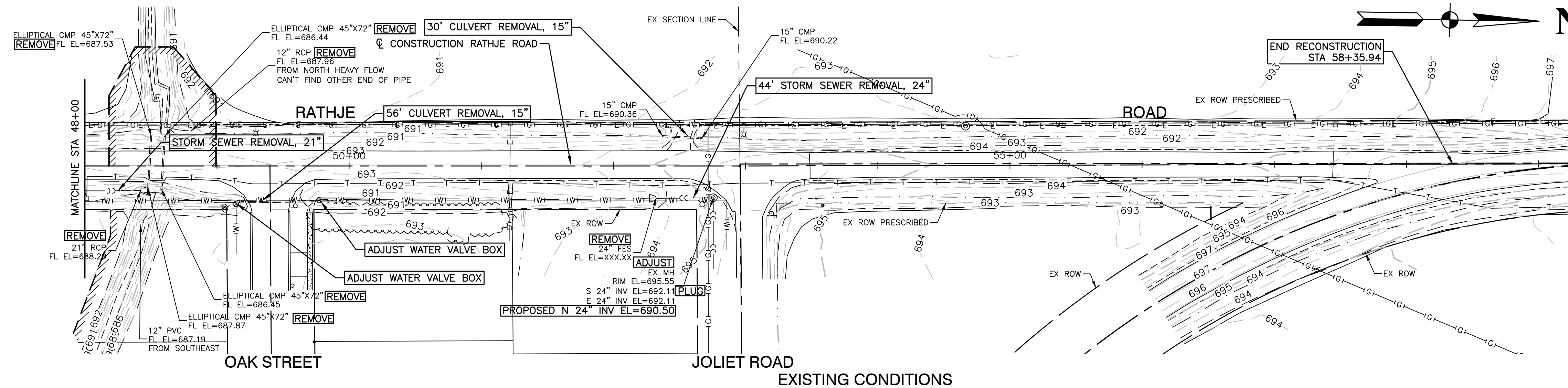
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	14

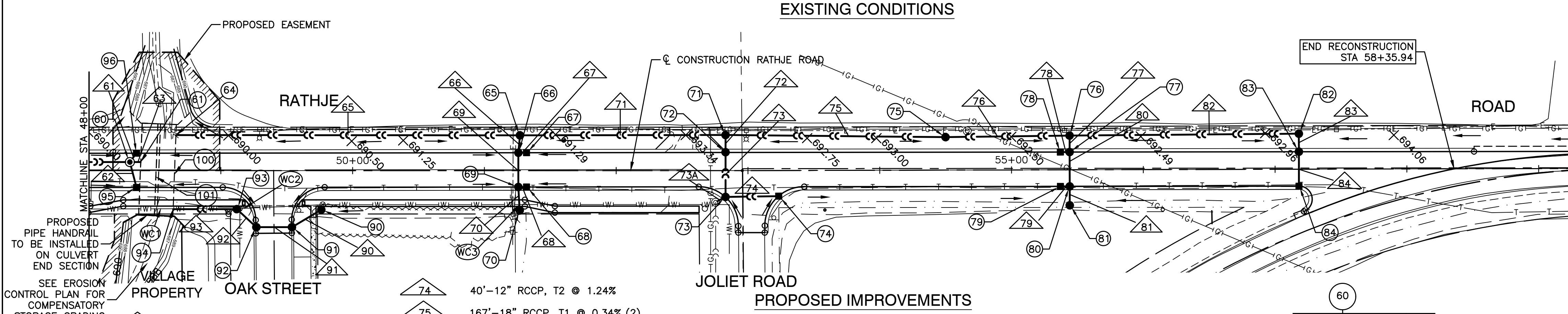
CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----

PLAN: NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.T. OF WAY CHECKED, CADD FILE NAME — BY — DATE

PROFILE: NOTE BOOK — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED — BY — DATE





61	8'–12" RCCP, T1 @ 1.19% (1)
62	20'–12" RCCP, T1 @ 0.50% (2)
63	8'–36" RCCP, T1 @ 0.73% (5)
65	261'–30" RCCP, T1 @ 0.37%
66	13'–18" RCCP, T2 @ 0.98% (2)
67	6'–12" RCCP, T2 @ 1.13% (8)
68	6'–12" RCCP, T2 @ 1.13% (2)
69	26'–18" RCCP, T2 @ 1.19%
70	18'–18" RCCP, T2 @ 1.01% (2)
71	156'–24" RCCP, T1 @ 0.52% (4)
72	13'–24" RCCP, T2 @ 0.99%
73	34'–24" RCCP, T2 @ 0.76% (5)
73A	7'–24" RCCP, T2 @ 7.14%
74	40'–12" RCCP, T2 @ 1.24%
75	167'–18" RCCP, T1 @ 0.34% (2)
76	94'–18" RCCP, T1 @ 0.56% (3)
77	13'–18" RCCP, T2 @ 0.64% (2)
78	7'–12" RCCP, T2 @ 1.00% (3)
79	7'–12" RCCP, T2 @ 1.00% (2)
80	26'–18" RCCP, T2 @ 0.38%
81	14'–15" RCCP, T2 @ 0.42% (2)
82	174'–12" RCCP, T1 @ 0.45% (8)
83	14'–12" RCCP, T2 @ 1.90% (1)
84	26'–12" RCCP, T2 @ 1.98% (1)
90	26'–24" RCCP, T1 @ 0.31% (9)
91	27'–24" RCCP, T2 @ 0.33% (2)
92	20'–24" RCCP, T2 @ 0.30% (17)

WATERMAIN CROSSINGS

WC1 T/P EXISTING WATERMAIN = ±682.45*
PROPOSED BOTTOM CULVERT = 684.20

WC2 T/P EXISTING WATERMAIN = ±685.00*
B/PIPE PROPOSED 24" STORM SEWER = 686.65

WC3 T/P EXISTING WATERMAIN = ±686.50*
B/PIPE PROPOSED 18" STORM SEWER = 688.20

* NOTE – USE EXPLORATORY EXCAVATION TO DETERMINE WATER MAIN LOCATION IF NECESSARY.

60
STA.=48+31.01, 6.50' LT
MH TA, 6' DIA, T1F CL
RIM=693.62
36" S INV=686.26
12" NW INV=691.06
12" E INV=691.06
36" N INV=686.26

61
STA=48+39.24, 6.50' LT
CONNECT TO BOX CULVERT
36" S INV=686.20
(CONNECTION INCLUDED IN COST OF BOX CULVERT)

64
STA=48+66.02, 27' LT
CONNECT TO BOX CULVERT
30" N INV=686.20
(CONNECTION INCLUDED COST OF BOX CULVERT)

65
STA.=51+27.00, 26.84' LT
CB TA, 5' DIA, T8G
RIM=691.08
24" N INV=687.10
18" E INV=687.50
30" S INV=687.05

66
STA.=51+25.80, 13.60' LT
CB TA, 4' DIA, T24 F&G
RIM=692.86
12" N INV=687.83
18" W INV=687.63
18" E INV=687.73

67
STA.=51+31.98, 13.61' LT
INL TA, 2' DIA, T24 F&G
RIM=692.88
12" S INV=687.90

68
STA.=51+32.02, 12.46' RT
INL TA, 2' DIA, T24 F&G
RIM=692.91
12" S INV=688.21

69
STA.=51+25.80, 12.47' RT
CB TA, 4' DIA, T24 F&G
RIM=692.87
18" W INV=688.04
12" N INV=688.14
18" E INV=688.25

70
STA.=51+26.81, 30.25' RT
CB TA, 4' DIA, T8G
RIM=692.06
18" W INV=688.43

71
STA.=52+83.00, 27.08' LT
CB TA, 5' DIA, T8G
RIM=692.25
18" N INV=688.01
24" E INV=688.91
24" S INV=687.91

72
STA.=52+83.00, 14.00' LT
CB TA, 4' DIA, T24 F&G
RIM=694.80
24" E INV=689.14
24" W INV=689.04

73
STA.=52+83.00, 20.00' RT
CB TA, 5' DIA, T24 F&G
RIM=695.29
12" N INV=689.50
24" SE INV=690.00
24" W INV=689.40

74
STA.=53+23.28, 19.50' RT
INL TA, 2' DIA, T24 F&G
RIM=695.93
12" S INV=690.00

75
STA.=54+50.00, 25.06' LT
CB TA, 4' DIA, T8G
RIM=692.75
18" N INV=688.58
18" S INV=688.58

76
STA.=55+44.13, 26.00' LT
CB TA, 4' DIA, T8G
RIM=692.25
18" E INV=689.11
12" N INV=689.21
18" S INV=689.11

77
STA.=55+44.13, 13.48' LT
CB TA, 4' DIA, T24 F&G
RIM=694.55
18" E INV=689.19
12" S INV=689.29
18" W INV=689.19

78
STA.=55+37.13, 13.49' LT
INL TA, 2' DIA, T24 F&G
RIM=694.56
12" N INV=689.36

79
STA.=55+37.13, 12.63' RT
INL TA, 2' DIA, T24 F&G
RIM=694.57
12" N INV=689.46

80
STA.=55+44.13, 12.64' RT
CB TA, 4' DIA, T24 F&G
RIM=694.57
15" E INV=689.29
12" S INV=689.39
18" W INV=689.29

81
STA.=55+44.13, 27.00' RT
CB TA, 4' DIA, T8G
RIM=692.00
15" W INV=689.35

82
STA.=57+18.10, 27.00' LT
CB TA, 4' DIA, T8G
RIM=693.00
12" E INV=690.00
12" S INV=690.00

83
STA.=57+18.10, 13.32' LT
CB TA, 4' DIA, T24 F&G
RIM=692.75
12" E INV=690.36
12" W INV=690.26

84
STA.=57+18.10, 12.91' RT
INL TA, 2' DIA, T24 F&G
RIM=695.94
12" W INV=690.88

90
STA.=49+76.24, 29.71' RT
CB TA, 4' DIA, T8G
RIM=691.25
24" SE INV=687.08

91
STA.=49+54.00, 43.00' RT
CB TA, 4' DIA, T11 F&G
RIM=692.45
24" NW INV=687.00
24" S INV=687.00

92
STA.=49+27.00, 43.00' RT
CB TA, 4' DIA, T11 F&G
RIM=692.28
24" N INV=686.91
24" SW INV=686.91

93
STA.=49+12.15, 29.30' RT
CB TA, 4' DIA, T8G
RIM=692.50
24" NE INV=686.85
24" S INV=686.85

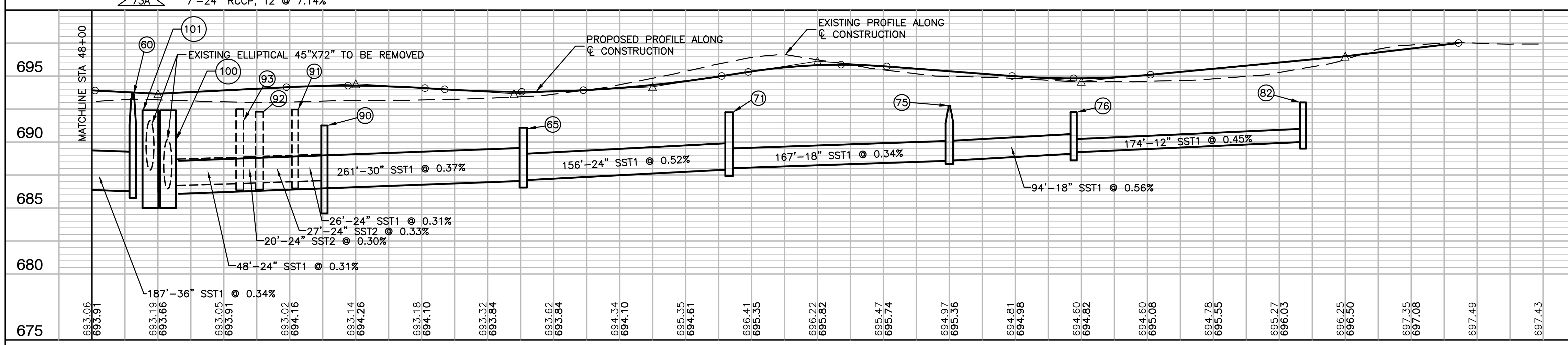
94
STA.=48.63.83, 29.30' RT
CONNECT PIPE TO BOX CULVERT
24" N INV=686.70
(CONNECTION INCLUDED IN COST OF BOX CULVERT)

95
STA.=48+36.03, 12.78' RT
INL TA, 2' DIA, T24 F&G
RIM=693.41
12" W INV=691.16

96
STA.=48+36.00, 13.25' LT
INL TA, 2' DIA, T24 F&G
RIM=693.41
12" SE INV=691.16

100
STA=48+59, CENTER BOX
PRECAST CONC BOX CULVERT
12'X6' – 70' LONG (SEE NOTE 5)
E INV=685.20 (FLOW EL=686.20)
W INV=685.00 (FLOW EL=686.00)
BOTTOM 1' OF CULVERT TO BE EMBEDDED (SEE DETAIL SHEET 18 –21)

101
STA=48+44, CENTER BOX
PRECAST CONC BOX CULVERT
12'X6' – 70' LONG (SEE NOTE 5)
E INV=685.20 (FLOW EL=686.20)
W INV=685.00 (FLOW EL=686.00)
BOTTOM 1' OF CULVERT TO BE EMBEDDED (SEE DETAIL SHEET 18 –21)



NOTES:

1. ALL OFFSETS AND ELEVATIONS TO CURB LINE STRUCTURES ARE GIVEN TO THE EDGE OF PAVEMENT. OFFSET AND ELEVATIONS FOR FLARED END SECTIONS ARE GIVEN AT THE FLARED END. ALL OTHER OFFSETS AND ELEVATIONS ARE GIVEN TO THE CENTER OF THE STRUCTURE.

2. (XX.X) DENOTES CUBIC YARDS TRENCH BACKFILL.

3. ALL STORM SEWERS SHALL HAVE WATERMAIN QUALITY JOINTS.

4. THE CONNECTION OF PROPOSED DRAINAGE STRUCTURES TO EXISTING STORM SEWERS AND PROPOSED STORM SEWERS TO EXISTING DRAINAGE STRUCTURES WILL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE.

5. 2' OF SOIL UNDERCUT AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT MAY BE REQUIRED FOR 12' X 6' BOX CULVERT INSTALLATION. SOIL BORING LOGS ARE INCLUDED IN THE SPECIFICATIONS.

BENCH MARK:

BENCHMARK 3
SPIKE NAIL IN EAST FACE OF PP W/LIGHT ON WEST SIDE OF RATHJE RD. @ OAK ST.
ELEVATION = 692.16, NAVD 83 DATUM

PLAN			PROFILE		
NOTE BOOK	SURVEYED		NOTE BOOK	SURVEYED	
NO.	ALIGNMENT CHECKED			PLOTTED	
	RT. OF WAY CHECKED			GRADES CHECKED	
	CADD FILE NAME			B.M. NOTED	
	BY	DATE		BY	DATE

FILE NAME = 14525_02-DRNG-01 - IDOT D&U3	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — MED	REVISED —
	PLOT DATE = 09-20-17	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

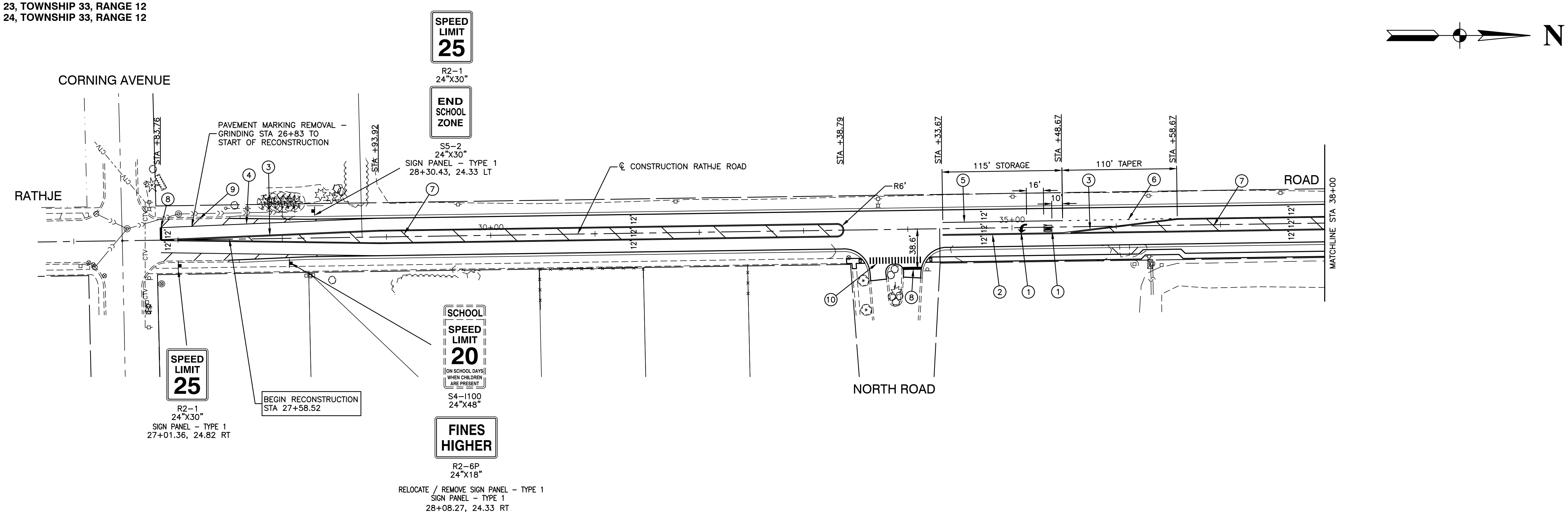
CORNING TO JOLIET ROAD
RATHJE ROAD
DRAINAGE & UTILITIES

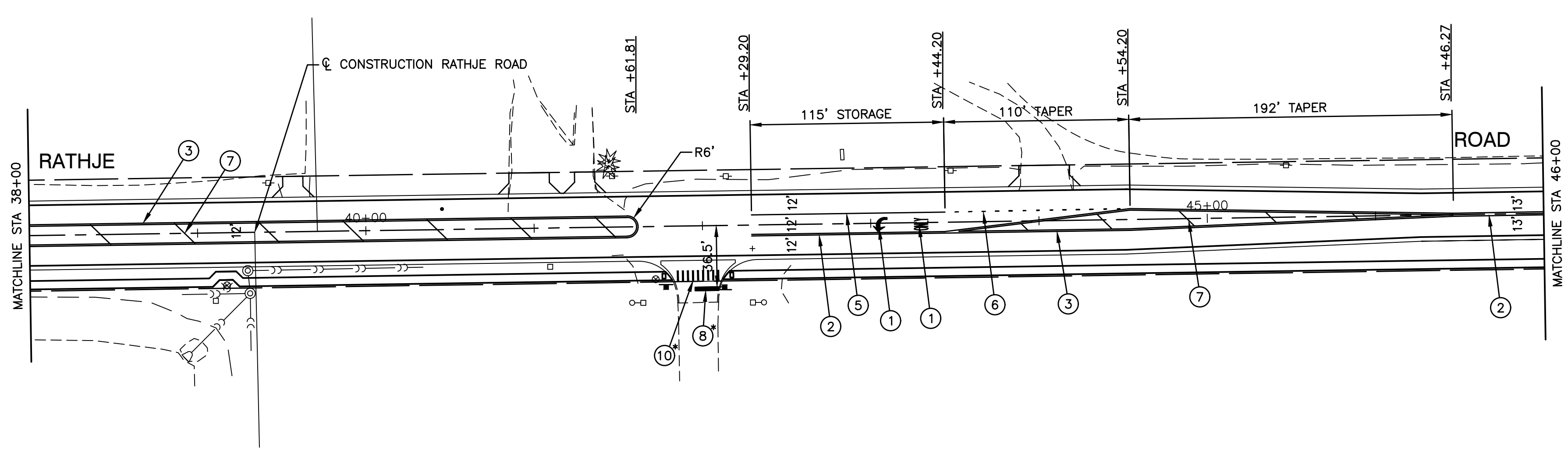
SCALE: H 1"=50,V 1"=5' | SHEET NO. 15 OF 40 SHEETS | STA. 48+00 TO STA. 60+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	15
		CONTRACT NO. 61E30		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----

SECTION 23, TOWNSHIP 33, RANGE 12
SECTION 24, TOWNSHIP 33, RANGE 12





NOTES

1. ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. "*" POLYUREA PAVEMENT MARKING
3. ALL SIGNS AND SUPPORTS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE IDOT HIGHWAY STANDARDS. ALL SIGN SUPPORTS IN GRASS AREAS SHALL BE METAL POST TYPE A OR B.
4. RELOCATION OF EXISTING SIGN PANELS ON AN EXISTING POST SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE INSTALLATION OF A NEW SIGN PANEL ON THE SAME EXISTING POST.

PAVEMENT MARKING LEGEND

1. WHITE LETTERS & SYMBOLS
2. DOUBLE 4" YELLOW CENTERLINE (11" C/C)
3. DOUBLE YELLOW MEDIAN OUTLINE (11" C/C)
4. 4" WHITE EDGE LINE
5. 6" WHITE LANE LINE
6. 6" WHITE SKIP-DASH LINE (2' LINE - 6' SPACE)
7. 12" YELLOW DIAGONAL LINE (50' C/C)
8. 24" WHITE STOP BAR
9. 12" WHITE LINE (45' ANGLE, 20' C/C)
10. 12" WHITE LINE (3' C/C)

TRAFFIC SIGN

FILE NAME = 14525_02-PMKG-01 - IDOT P01	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CORNING TO JOLIET ROAD
RATHJE ROAD
PAVEMENT MARKING & SIGNING

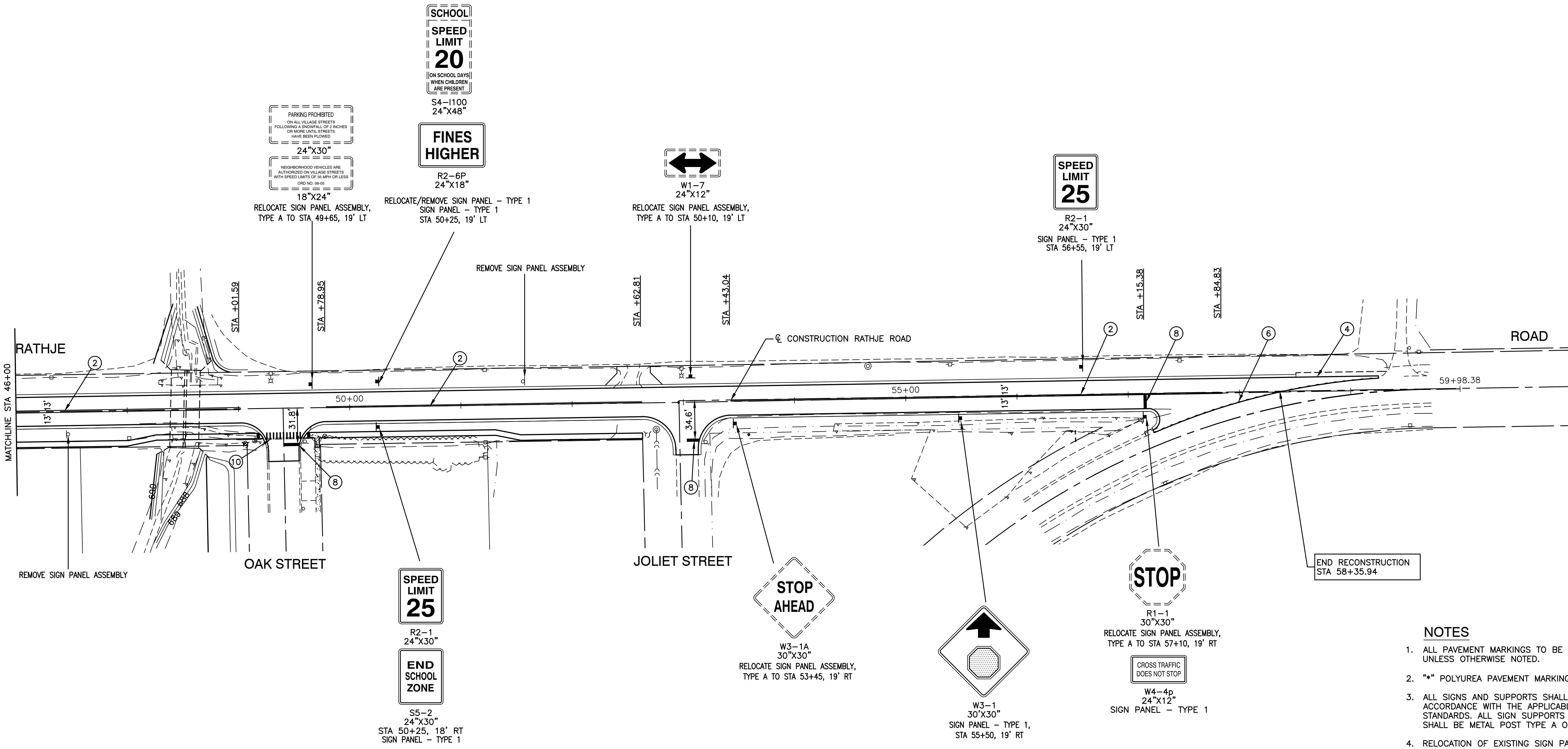
SCALE: 1"=50' | SHEET NO. 16 OF 40 SHEETS | STA. 25+00 TO STA. 46+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	16

CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----

N



NOTES

1. ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. "*" POLYUREA PAVEMENT MARKING
3. ALL SIGNS AND SUPPORTS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE IDOT HIGHWAY STANDARDS. ALL SIGN SUPPORTS IN GRASS AREAS SHALL BE METAL POST TYPE A OR B.
4. RELOCATION OF EXISTING SIGN PANELS ON AN EXISTING POST SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE INSTALLATION OF A NEW SIGN PANEL ON THE SAME EXISTING POST.

PAVEMENT MARKING LEGEND

1. WHITE LETTERS & SYMBOLS
2. DOUBLE 4" YELLOW CENTERLINE (11" C/C)
3. DOUBLE YELLOW MEDIAN OUTLINE (11" C/C)
4. 4" WHITE EDGE LINE
5. 6" WHITE LANE LINE
6. 6" WHITE SKIP–DASH LINE (2' LINE – 6' SPACE)
7. 12" YELLOW DIAGONAL LINE (50' C/C)
8. 24" WHITE STOP BAR
9. 12" WHITE LINE (45' ANGLE, 20' C/C)
10. 12" WHITE LINE (3' C/C)

TRAFFIC SIGN

FILE NAME = 14525_02-PMKG-01 - IDOT P01 (2)	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CORNING TO JOLIET ROAD
RATHJE ROAD
PAVEMENT MARKING & SIGNING

SCALE: 1"=50' | SHEET NO. 17 OF 40 SHEETS | STA. 46+00 TO STA. 59+98.38

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	17
		CONTRACT NO. 61E30		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----

BENCHMARK

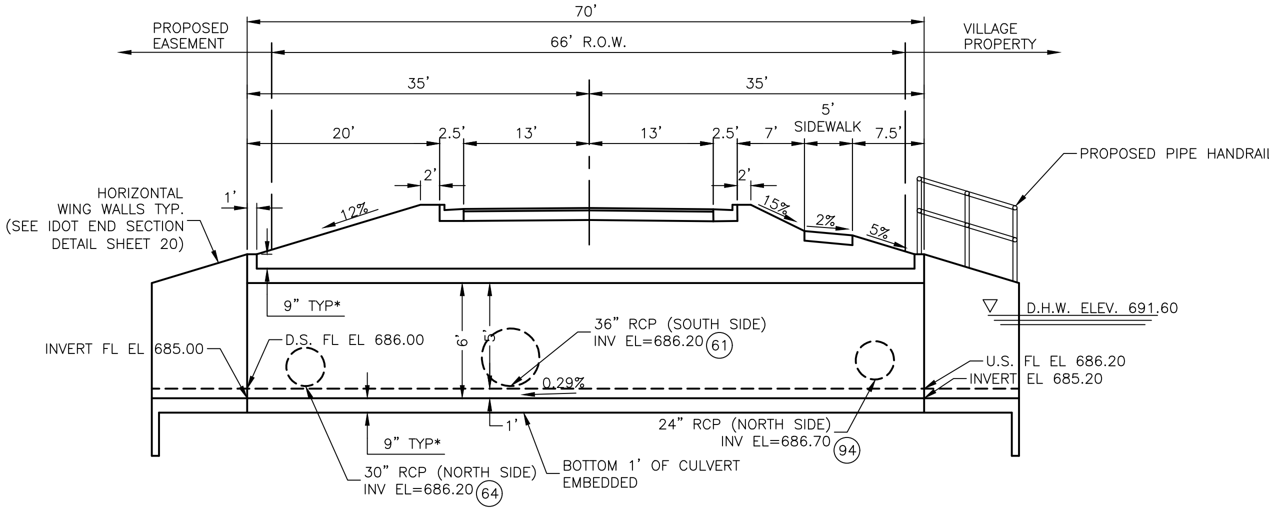
SITE BM3 NAIL IN PP WITH LIGHT NORTH OF EXISTING BOX CULVERT
EL=692.160

EXISTING STRUCTURE

S.N. N/A (NOT IN SYSTEM). CONSISTS OF TWO 45"X72" CORRUGATED STEEL ELLIPTICAL PIPES WITH 18" SEPARATION AND A LENGTH OF 42'.

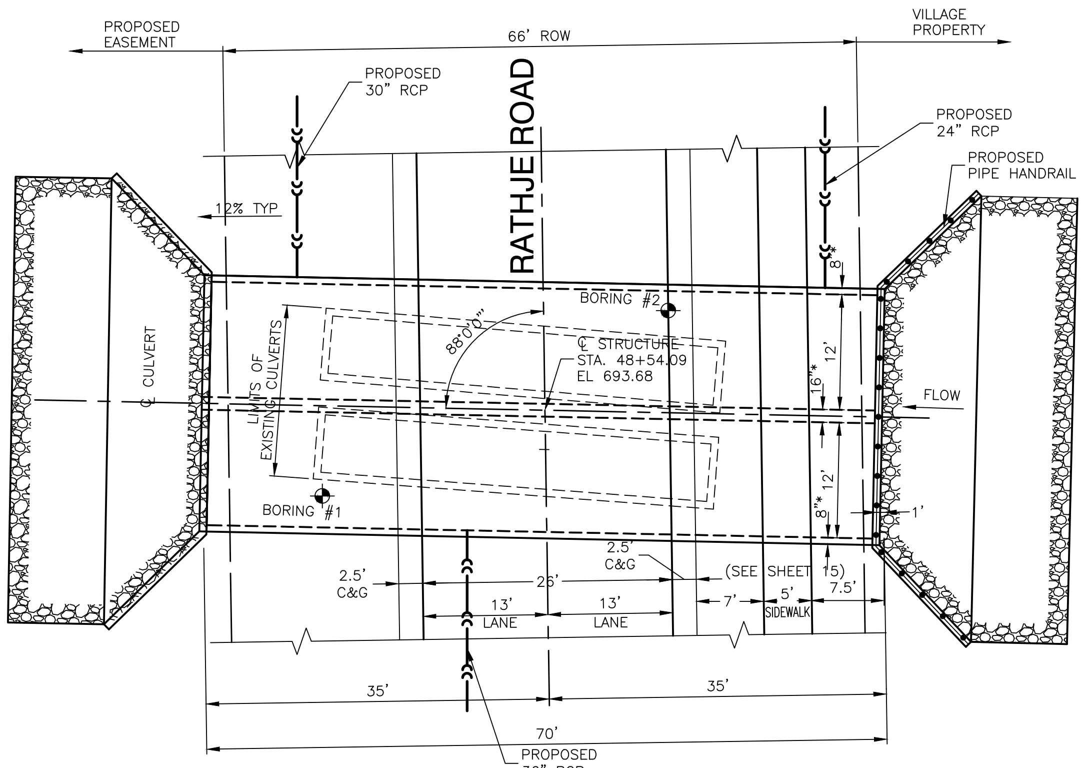
EXISTING CULVERTS TO BE REMOVED AND REPLACED WITH DUAL 70' LONG PRECAST BOX CONCRETE CULVERTS. OPTION OF PRECAST DOUBLE BOX ALLOWED. ROAD WILL BE CLOSED AND TRAFFIC DETOURED DURING CULVERT CONSTRUCTION.

NO SALVAGE.



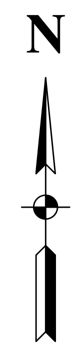
LONGITUDINAL SECTION

* ACTUAL THICKNESS TO BE DETERMINED BY CONTRACTOR/CULVERT SUPPLIER



PLAN

* ACTUAL THICKNESS TO BE DETERMINED BY CONTRACTOR/CULVERT SUPPLIER



BOX CULVERT CONSTRUCTION NOTES:

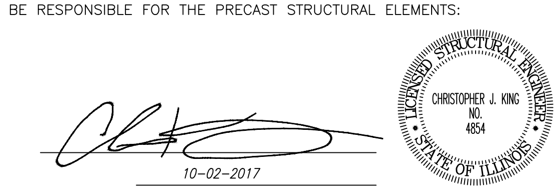
1. 2 FEET OF SOIL UNDERCUT AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT MAY BE REQUIRED FOR BOX CULVERT/END SECTIONS. SOIL BORING LOGS NEAR CULVERT ARE INCLUDED IN THE SPECIFICATIONS.
2. WORK REQUIRED FOR THE INSTALLATION OF THE CULVERT/END SECTIONS INCLUDING TEMPORARY DEWATERING, EXCAVATION SUPPORT, CREEK REROUTING, ETC. IF NECESSARY WILL BE INCLUDED IN THE COST OF THE PRECAST BOX CULVERT AND END SECTION PAY ITEMS.
3. THE CONTRACTOR SHALL SUPPLY SHOP DRAWINGS FOR THE CULVERT AND END SECTIONS AS WELL AS MEANS AND METHODS FOR INSTALLATION IN ACCORDANCE WITH IDOT STANDARDS. THE SHOP DRAWINGS SHALL INCLUDE CUT-OUT AND REBAR INFORMATION AS WELL AS CONNECTION METHODS REGARDING AND THE STORM SEWERS PENETRATING THE SIDES OF THE BOXES (61, 64, 94). ANY COSTS ASSOCIATED WITH THIS WILL BE INCLUDED IN THE COST OF THE PRECAST BOX CULVERT AND END SECTION PAY ITEMS.
4. PRECAST BOX CULVERT SHALL BE CONSTRUCTED ACCORDING TO THE REQUIREMENTS OF SECTION 540 OF THE STANDARD SPECIFICATIONS EXCEPT AS MODIFIED HEREIN.

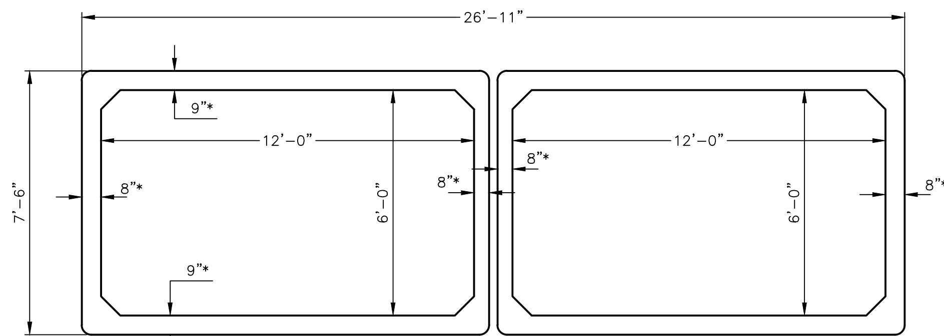
WATERWAY INFORMATION

Drainage Area = ~1.17 sq. mi.			Low Grade Elev. = 693.40 @ Sta. 48+50 (EOP)						
Flood	Freq. Year	Q (C.F.S.)	Opening (Sq. Ft.) Exist.	Opening (Sq. Ft.) Prop.	* Nat. H.W.E.	Head (Ft.) Exist.	Head (Ft.) Prop.	Headwater Elev. Exist.	Headwater Elev. Prop.
	10	263	36	120	691.2	1.9	0.2	693.1	691.4
Design	30	380	38	120	691.6	1.7	0.0	693.3	691.6
	50	453	38	120	691.7	1.7	0.1	693.4	691.8
Base	100	591	39	120	691.9	1.6	0.2	693.5	692.1
Max. Calc.	n/a								

* UPSTREAM FACE OF CULVERT

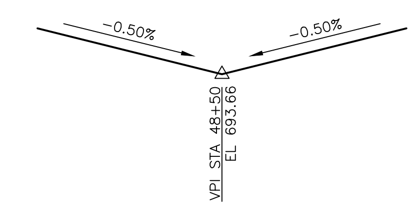
THE TYPE, SIZE, AND LOCATION AND ELEMENTS OF THIS PRECAST CULVERT CONFORM TO THE IDOT CULVERT MANUAL PUBLISHED IN 2016. THE PRECASTER SHALL BE RESPONSIBLE FOR THE PRECAST STRUCTURAL ELEMENTS:





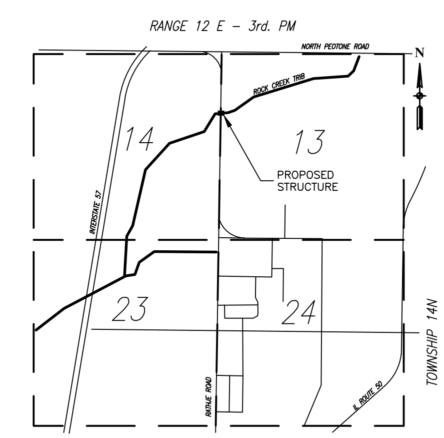
SECTION THROUGH BARREL

SEE SECTION 540.06 OF STANDARD SPECIFICATIONS FOR INFORMATION ON THE REQUIRED BACKFILL AND BEDDING



PROFILE GRADE

(ALONG ℄ ROADWAY)



LOCATION SKETCH

HIGHWAY CLASSIFICATION

FAU 4304 RATHJE ROAD
ADT: 2000 (2016); 7000(2040)
DHV: 600(2040)
FUNCTIONAL CLASS: COLLECTOR
DESIGN 35 MPH

LOADING HL-93

ALLOW 50#/SQ. FT. FOR FUTURE WEARING SURFACE

DESIGN SPECIFICATIONS

ASTM C 1577

DESIGN STRESSES

FIELD UNITS
f_c = 3,500 PSI
f_y = 60,000 PSI (REINFORCEMENT)

GENERAL PLAN & ELEVATION RATHJE ROAD OVER TRIBUTARY TO ROCK CREEK F.A. RTE 4304 - SEC. 04-00045-01-FP WILL COUNTY STATION 48+45.09 STRUCTURE NO. 099-6030

FILE NAME = 14525_02-BRDG-01 - IDOT P01	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

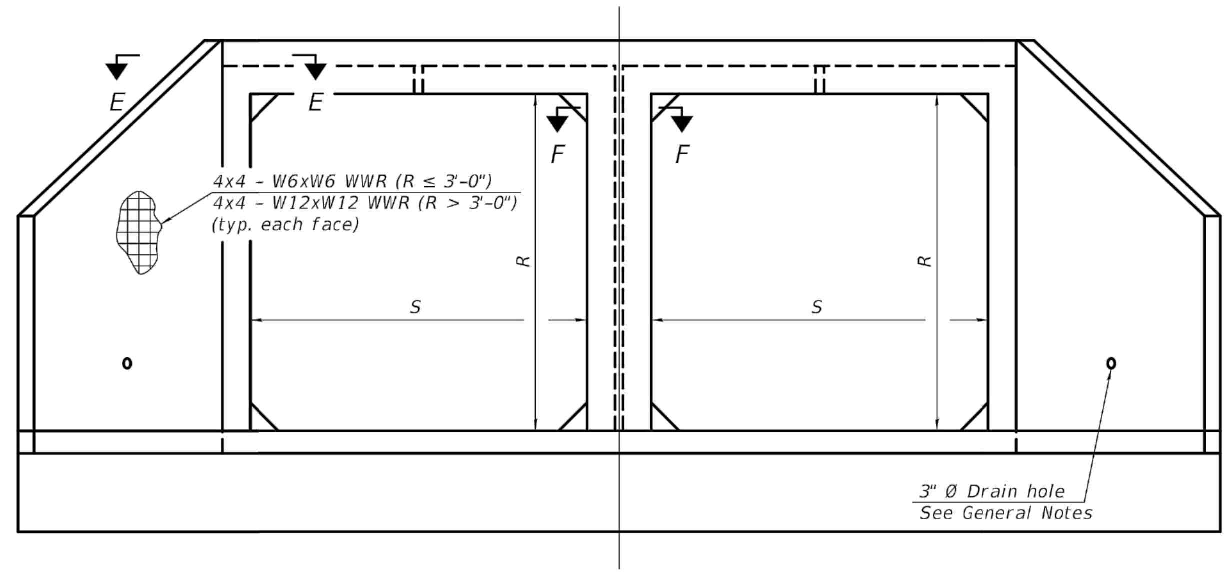
CORNING TO JOLIET ROAD
RATHJE ROAD
BOX CULVERT DETAIL

SCALE: 1"=10' | SHEET NO. 18 OF 40 SHEETS | STA. | TO STA.

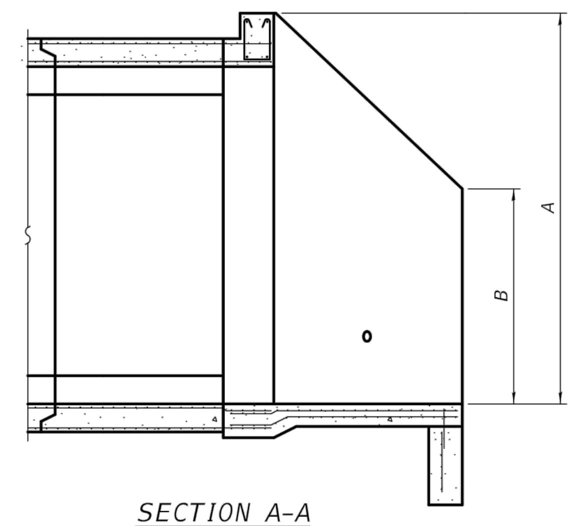
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	18

CONTRACT NO. 61E30

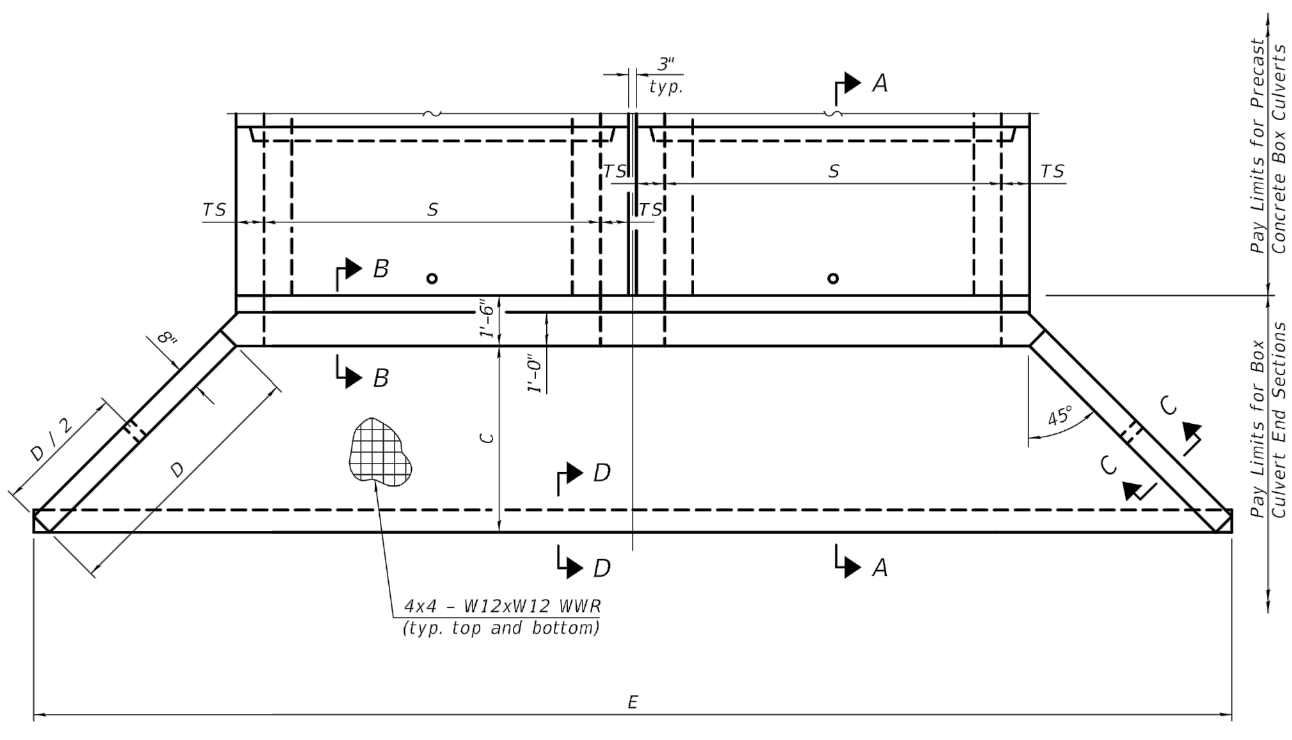
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



END VIEW



SECTION A-A



PLAN

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Details for Double Cell Box Culvert shown. Details for Triple Cell Box Culvert similar.

The details contained herein are for constructing the end sections using cast-in-place (CIP) construction. The Contractor may propose to furnish the end sections using precast construction methods and the end sections may consist of multiple precast concrete segments. The Contractor shall be responsible for determining all details associated with the precast option including any strengthening or stiffening provisions necessary for handling the precast segments. Conceptual details followed by shop drawings and design calculations sealed by an Illinois Licensed Structural Engineer shall be submitted to the Engineer for review and approval. Elements of the precast option shall at a minimum result in the same wingwall geometry and not have a thickness less than that detailed herein. The option to construct the end sections using precast construction methods shall be at no additional charge.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than ½" nor more than 2".

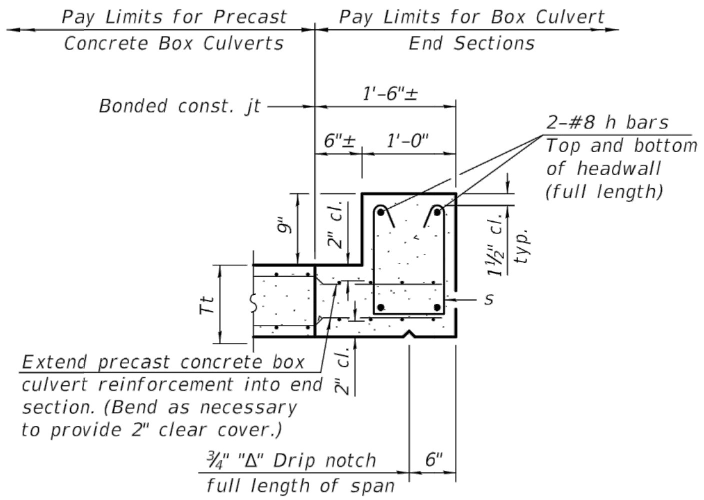
The contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the precast concrete box culvert segments immediately adjacent to the box culvert end sections that is being lapped with the end section reinforcement shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

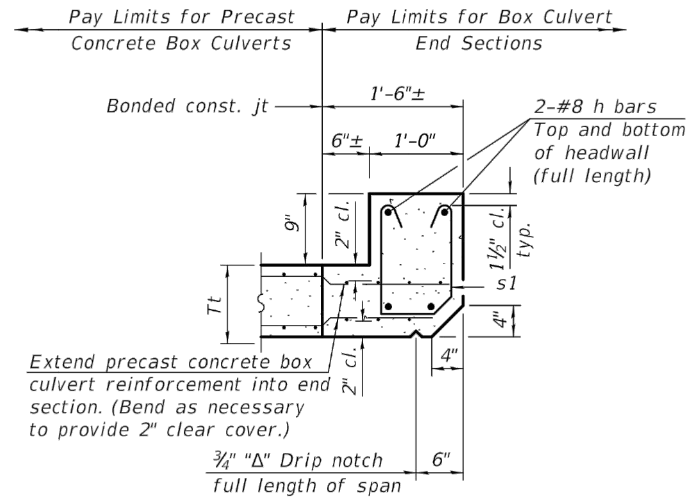
APRON END SECTION DIMENSIONS

							Double Cell		Triple Cell	
Span (S)	Rise (R)	Tt , Tb , & Ts	A	B	C	D	E	Concrete Cu. Yd.	E	Concrete Cu. Yd.
7'-0"	2'-0"	8"	3'-5"	2'-3"	2'-11⅜"	4'-2"	23'-9"	6.6		
7'-0"	3'-0"	8"	4'-5"	2'-9"	3'-11⅜"	5'-7"	25'-9⅛"	8.0		
7'-0"	4'-0"	8"	5'-5"	3'-3"	4'-11⅜"	7'-0"	27'-9⅛"	9.5		
7'-0"	5'-0"	8"	6'-5"	3'-9"	5'-11⅜"	8'-5"	29'- 9⅛"	11.2		
7'-0"	6'-0"	8"	7'-5"	4'-3"	6'-11½"	9'-10"	31'-9¼"	13.1		
8'-0"	2'-0"	8"	3'-5"	2'-3"	2'-11⅜"	4'-2"	25'-9"	7.1		
8'-0"	3'-0"	8"	4'-5"	2'-9"	3'-11⅜"	5'-7"	27'-9⅛"	8.6		
8'-0"	4'-0"	8"	5'-5"	3'-3"	4'-11⅜"	7'-0"	29'-9⅛"	10.2		
8'-0"	5'-0"	8"	6'-5"	3'-9"	5'-11⅜"	8'-5"	31'-9⅛"	11.9		
8'-0"	6'-0"	8"	7'-5"	4'-3"	6'-11½"	9'-10"	33'-9¼"	13.8		
9'-0"	2'-0"	9"	3'-6"	2'-3"	3'-0¾"	4'-4"	28'-3⅞"	8.2	39'-0⅞"	11.4
9'-0"	3'-0"	9"	4'-6"	2'-9"	4'-0¾"	5'-9"	30'-3⅞"	9.7	41'-0⅞"	13.3
9'-0"	4'-0"	9"	5'-6"	3'-3"	5'-0¾"	7'-2"	32'-3⅞"	11.4	43'-0⅞"	15.4
9'-0"	5'-0"	9"	6'-6"	3'-9"	6'-0⅞"	8'-7"	34'-4"	13.2	45'-1"	17.6
9'-0"	6'-0"	9"	7'-6"	4'-3"	7'-0⅛"	9'-11"	36'-2⅝"	15.1	46'-11⅝"	19.8
10'-0"	2'-0"	10"	3'-7"	2'-4"	3'-1½"	4'-5"	30'-9¼"	9.2	42'-8¼"	13.0
10'-0"	3'-0"	10"	4'-7"	2'-10"	4'-1½"	5'-10"	32'-9¼"	10.8	44'-8¼"	15.0
10'-0"	4'-0"	10"	5'-7"	3'-4"	5'-1½"	7'-3"	34'-9⅜"	12.6	46'-8⅜"	17.2
10'-0"	5'-0"	10"	6'-7"	3'-10"	6'-1½"	8'-8"	36'-9⅜"	14.5	48'-8⅜"	19.5
10'-0"	6'-0"	10"	7'-7"	4'-4"	7'-1½"	10'-1"	38'-9⅜"	16.6	50'-8⅜"	22.0
11'-0"	2'-0"	11"	3'-8"	2'-4"	3'-2⅞"	4'-7"	33'-4⅛"	10.4	46'-5⅛"	14.7
11'-0"	3'-0"	11"	4'-8"	2'-10"	4'-2⅞"	6'-0"	35'-4⅛"	12.1	48'-5⅛"	16.9
11'-0"	4'-0"	11"	5'-8"	3'-4"	5'-2¼"	7'-4"	37'-2¾"	13.9	50'-3¾"	19.1
11'-0"	5'-0"	11"	6'-8"	3'-10"	6'-2¼"	8'-9"	39'-2⅞"	15.8	52'-3⅞"	21.4
11'-0"	6'-0"	11"	7'-8"	4'-4"	7'-2¼"	10'-2"	41'-2⅞"	18.1	54'-3⅞"	24.2
12'-0"	2'-0"	12"	3'-9"	2'-5"	3'-3⅝"	4'-8"	35'-9½"	11.6	50'-0½"	16.5
12'-0"	3'-0"	12"	4'-9"	2'-11"	4'-3⅝"	6'-1"	37'-9½"	13.4	52'-0½"	18.8
12'-0"	4'-0"	12"	5'-9"	3'-5"	5'-3⅝"	7'-6"	39'-9⅝"	15.4	54'-0⅝"	21.2
12'-0"	5'-0"	12"	6'-9"	3'-11"	6'-3⅝"	8'-11"	41'-9⅝"	17.6	56'-0⅝"	23.8
12'-0"	6'-0"	12"	7'-9"	4'-5"	7'-3⅝"	10'-4"	43'-9⅝"	19.8	58'-0⅝"	26.6



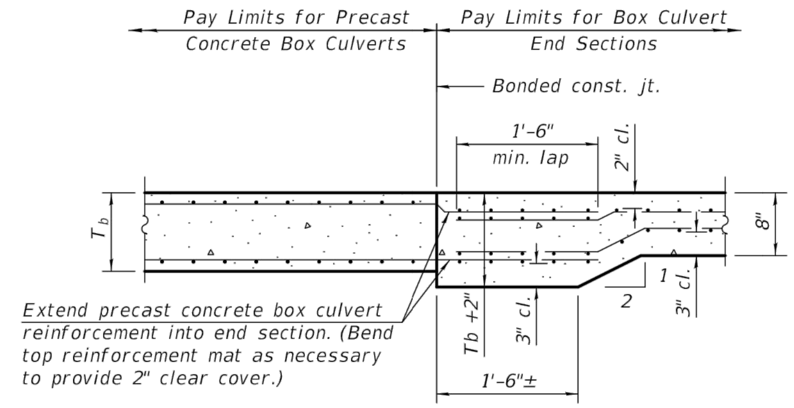
SECTION B-B

(Top slab at downstream end)



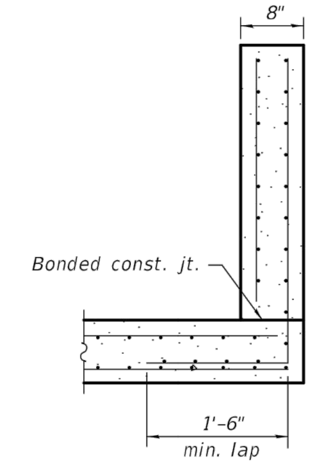
SECTION B-B

(Top slab at upstream end)

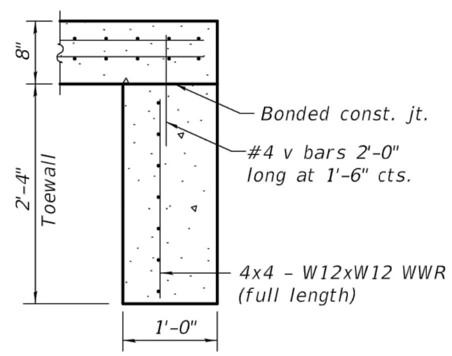


SECTION B-B

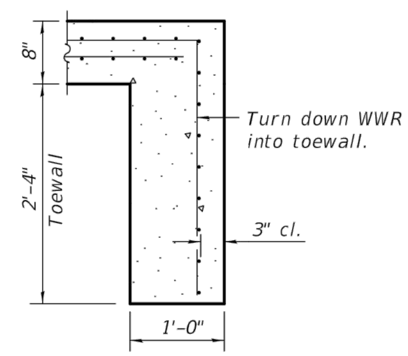
(Bottom slab)



SECTION C-C



SECTION D-D



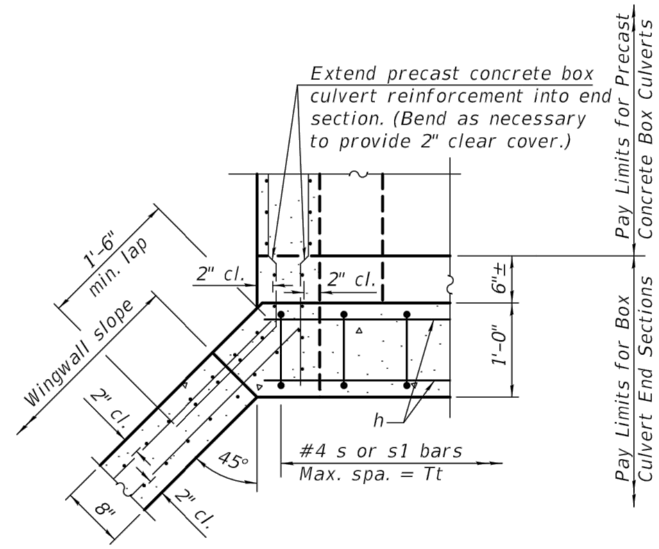
ALT. SECTION D-D

TOEWALL CONSTRUCTION SEQUENCE

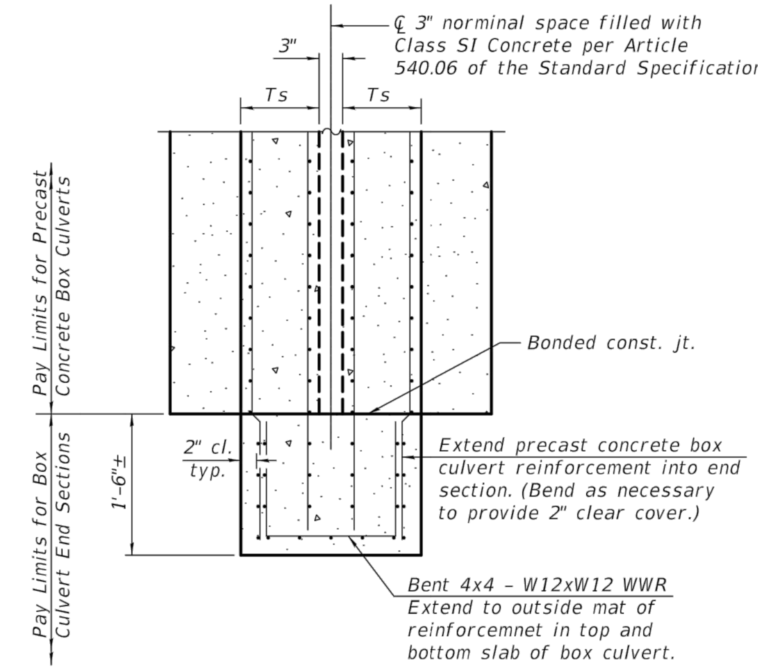
1. Perform excavation and construct toewall.
2. Backfill accordingly and prepare bedding for box culvert end sections.
3. Construct remainder of box culvert end section.

Note:

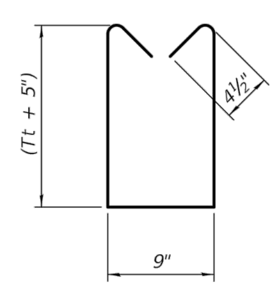
If soil conditions permit, the toewall may be poured monolithically with the bottom slab of the end section using Alt. Section D-D subject to approval from the Engineer.



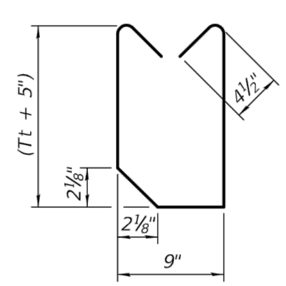
SECTION E-E



SECTION F-F



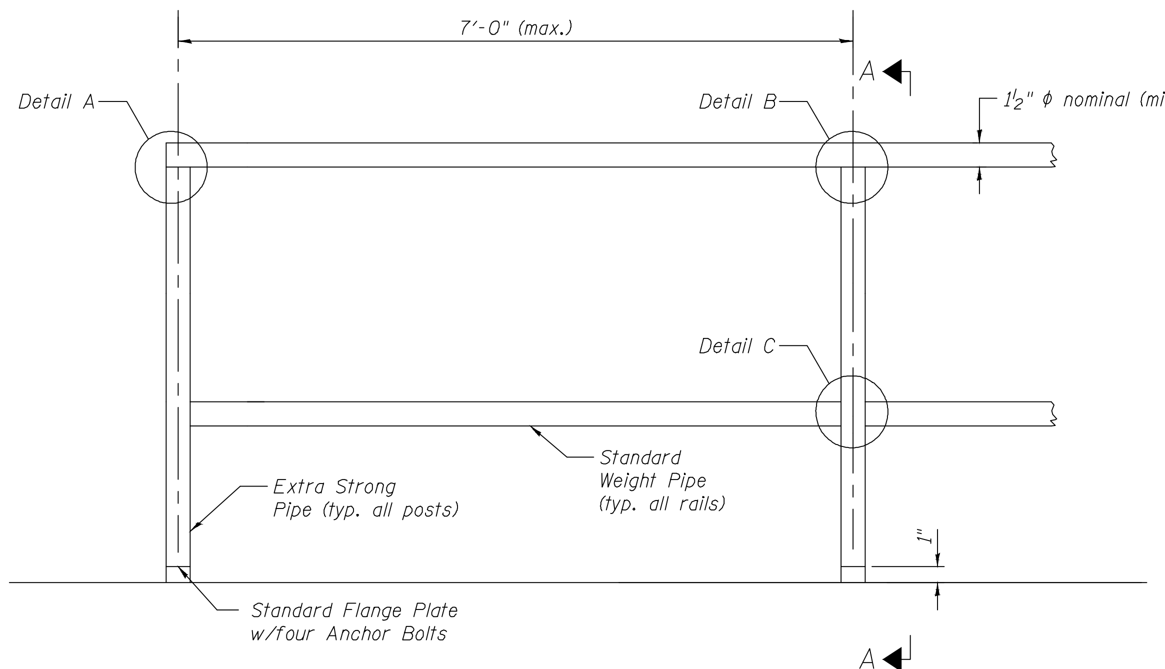
BAR s



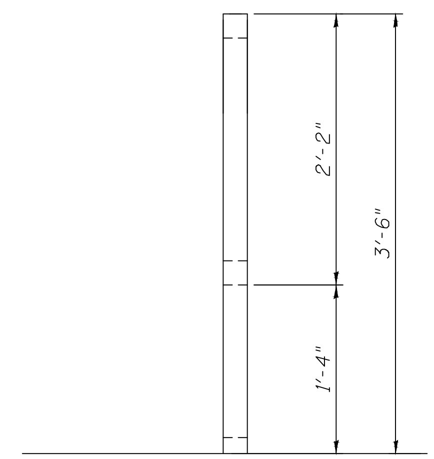
BAR s1

FILE NAME = 14525_02-BRDG-01 - IDOT P01 (4)	USER NAME =	DESIGNED — TAG	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CORNING TO JOLIET ROAD RATHJE ROAD END SECTION DETAIL
		CHECKED — HLG	REVISED —		
	PLOT SCALE =	DRAWN — ACAD	REVISED —		
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —		SCALE: NONE · SHEET NO. 20 OF 40 SHEETS · STA. · TO STA.

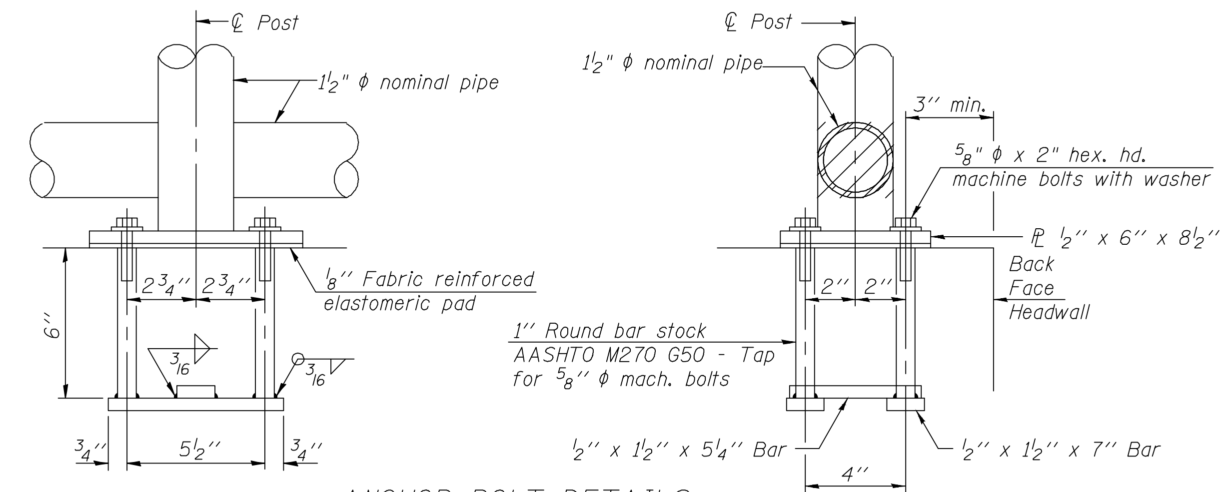
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	20
		CONTRACT NO. 61E30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ----		



PIPE HANDRAIL DETAIL

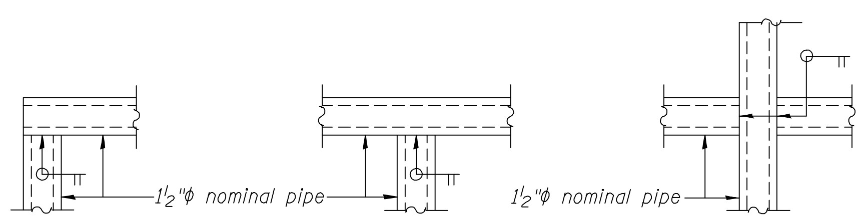


SECTION A-A

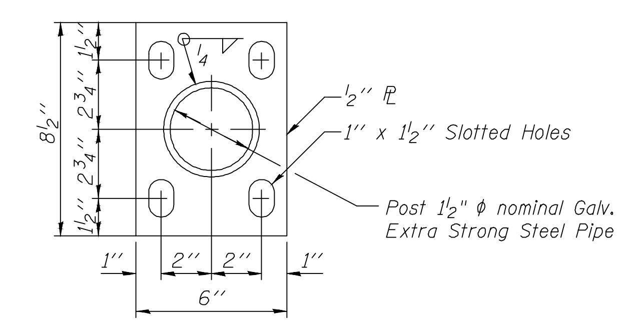


ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting $\frac{5}{8}$" ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



DETAIL A   DETAIL B   DETAIL C



POST BASE PLATE DETAIL

NOTES

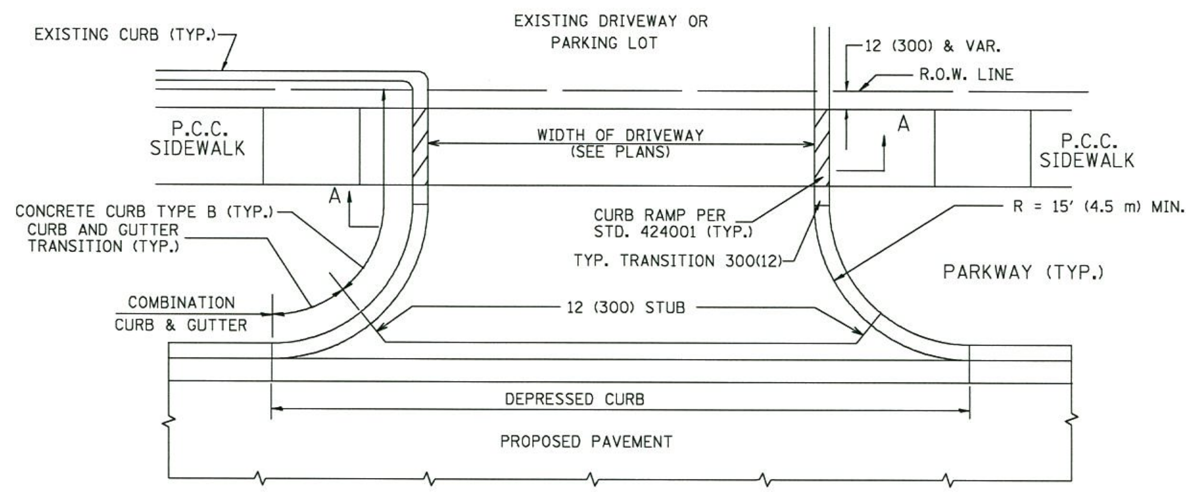
1. Handrail shall conform to Article 509, and especially Article 509.05d, of the IDOT Standard Specifications.
2. Handrails shall not rotate within their fittings.
3. Anchor bolts shall be included in contract unit price per foot for; Pipe Handrail.
4. Anchor bolts shall be placed to miss headwall reinforcement.
5. Measure existing pipe handrail in the field before ordering handrail components and match existing handrail dimensions.
6 All steel elements shall be galvanized

BILL OF MATERIAL

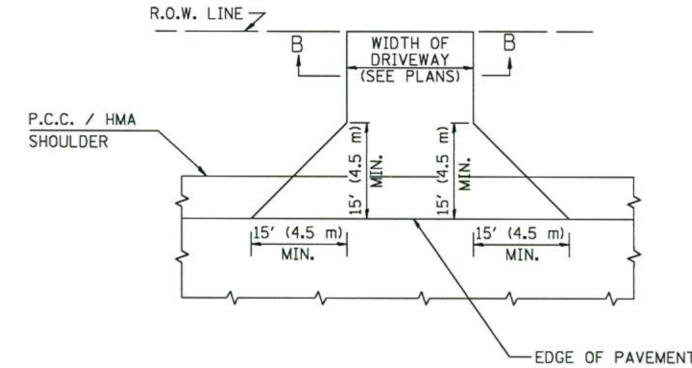
Item	Unit	Quantity
Pipe Handrail	Foot	53

FILE NAME = 14525_02-BRDG-01 - IDOT P01 (2)	USER NAME =	DESIGNED — TAG	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CORNING TO JOLIET ROAD RATHJE ROAD PIPE HANDRAIL DETAIL
		CHECKED — HLG	REVISED —		
	PLOT SCALE =	DRAWN — ACAD	REVISED —		
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —		SCALE: 1"=10' SHEET NO. 21 OF 40 SHEETS STA. TO STA.

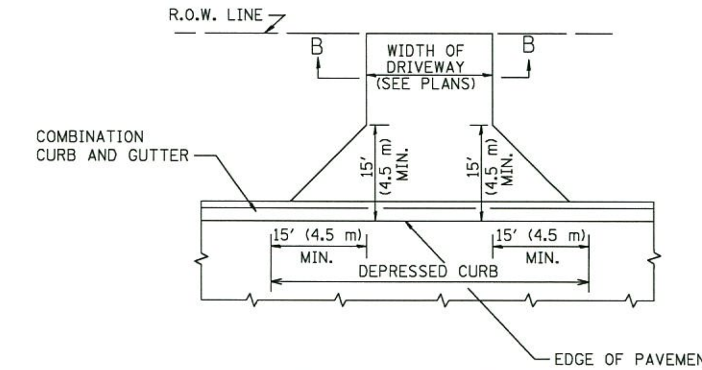
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	21
		CONTRACT NO. 61E30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ----		



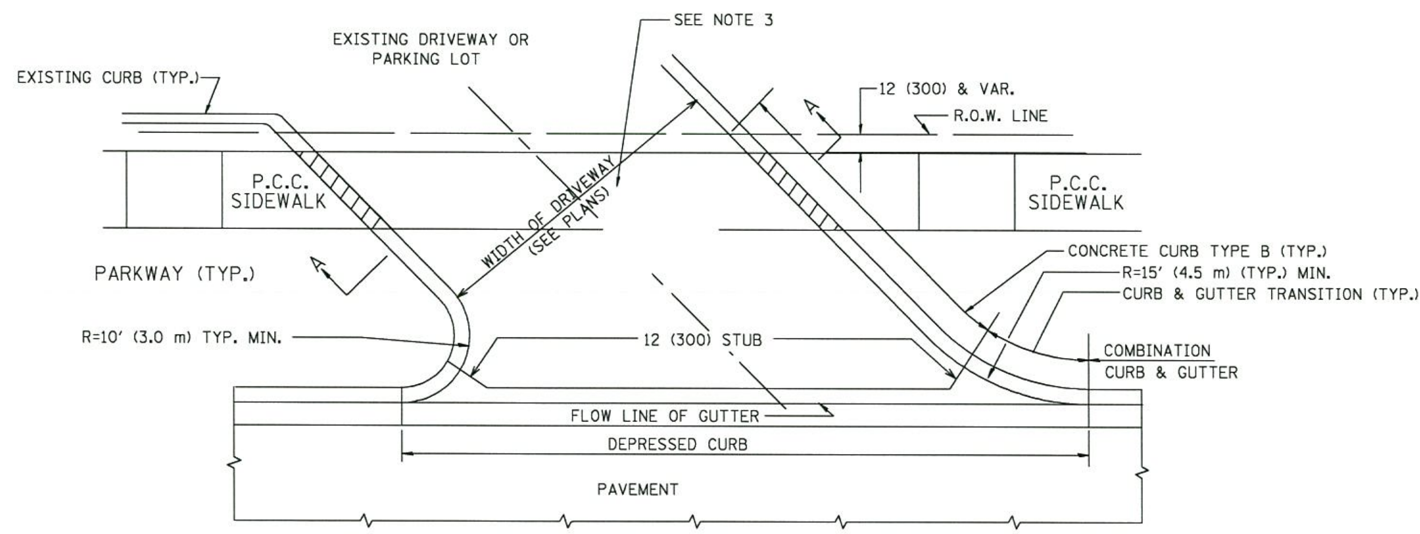
WITH CONCRETE CURB, TYPE B



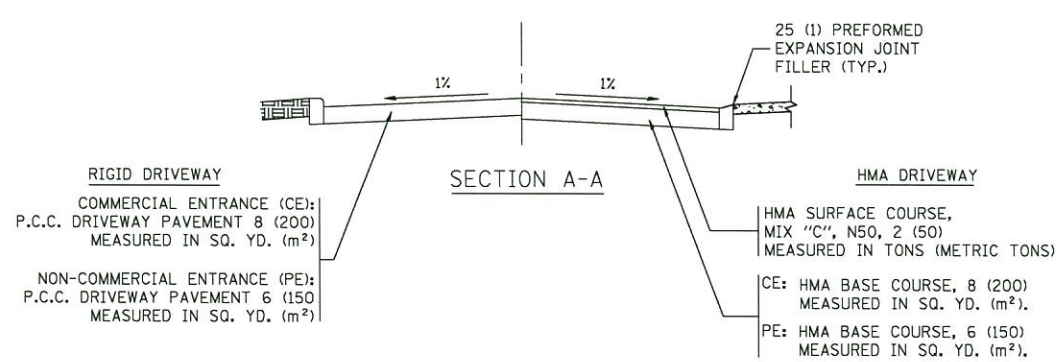
ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B



SECTION A-A

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

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		DRAWN -	REVISED - P. LaFLUER 04-15-03
	PLOT SCALE = 49.9999 ′ / IN.	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 6/12/2008	DATE - 11-04-95	REVISED - R. BORO 06-11-08

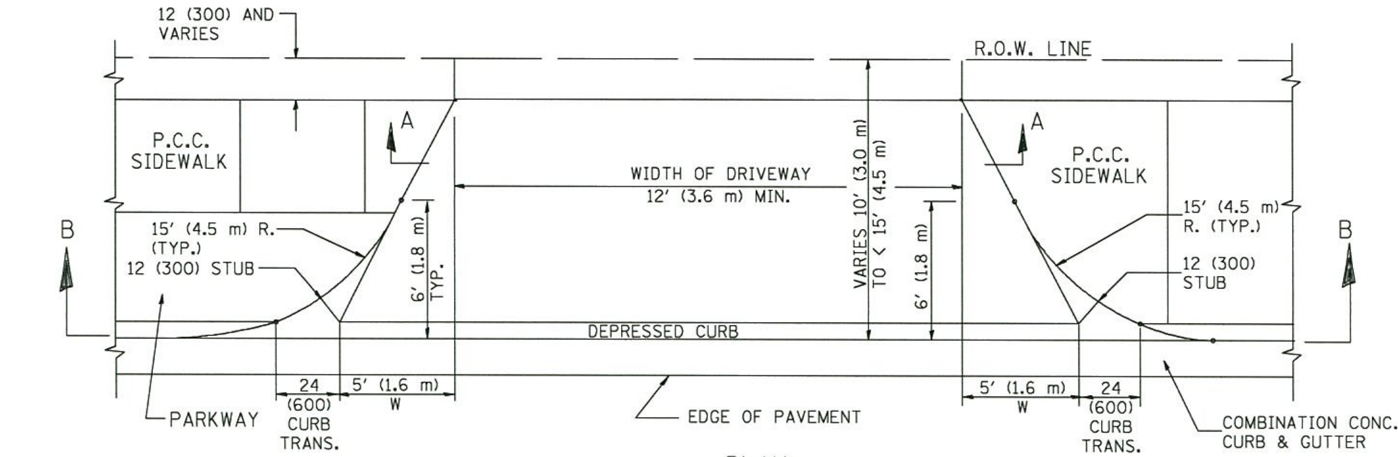
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB ≥ 15′(4.5m)

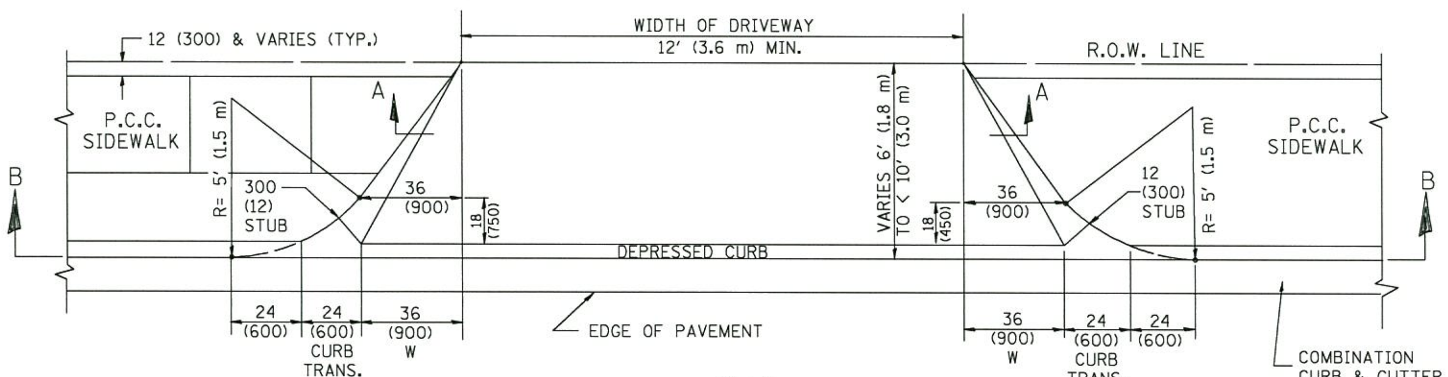
SCALE: NONE | SHEET NO. 22 OF 40 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	22
	BD0156-07 BD-1	CONTRACT NO. 61E30		

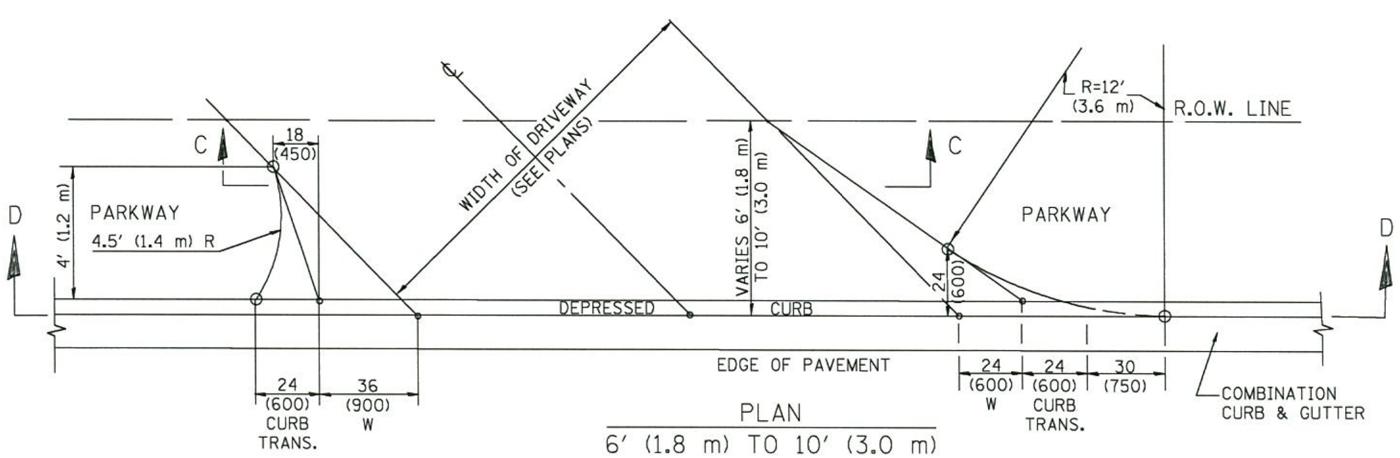
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



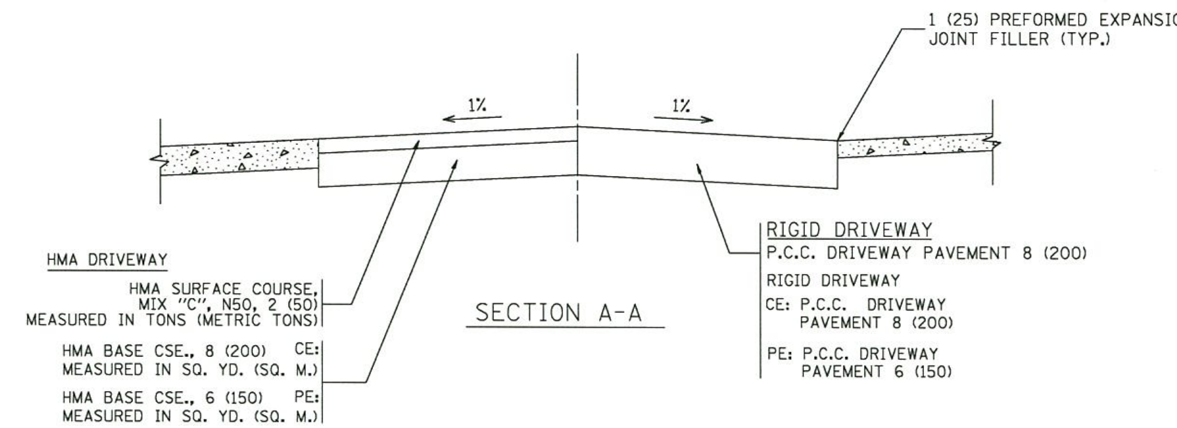
PLAN
10' (3.0 m) TO < 15' (4.5 m)



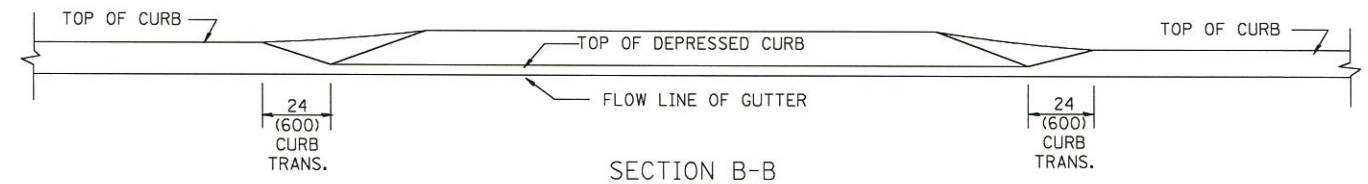
PLAN
6' (1.8 m) TO < 10' (3.0 m)



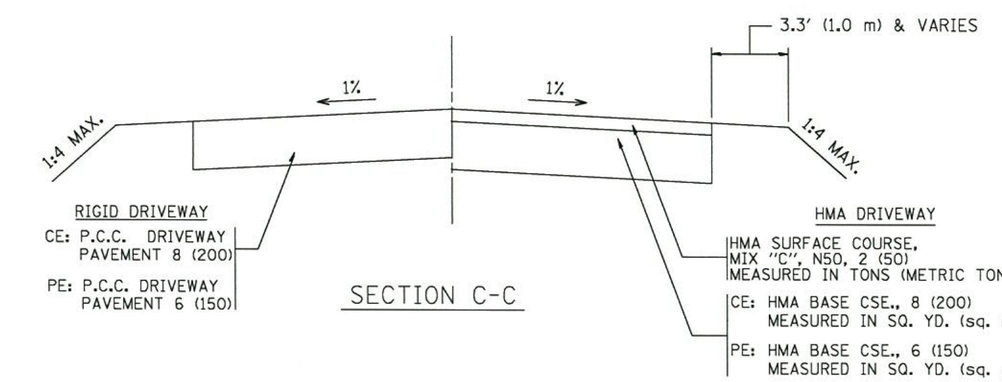
PLAN
6' (1.8 m) TO 10' (3.0 m)



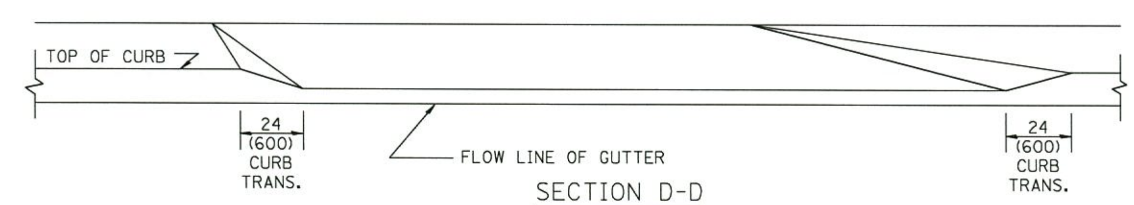
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

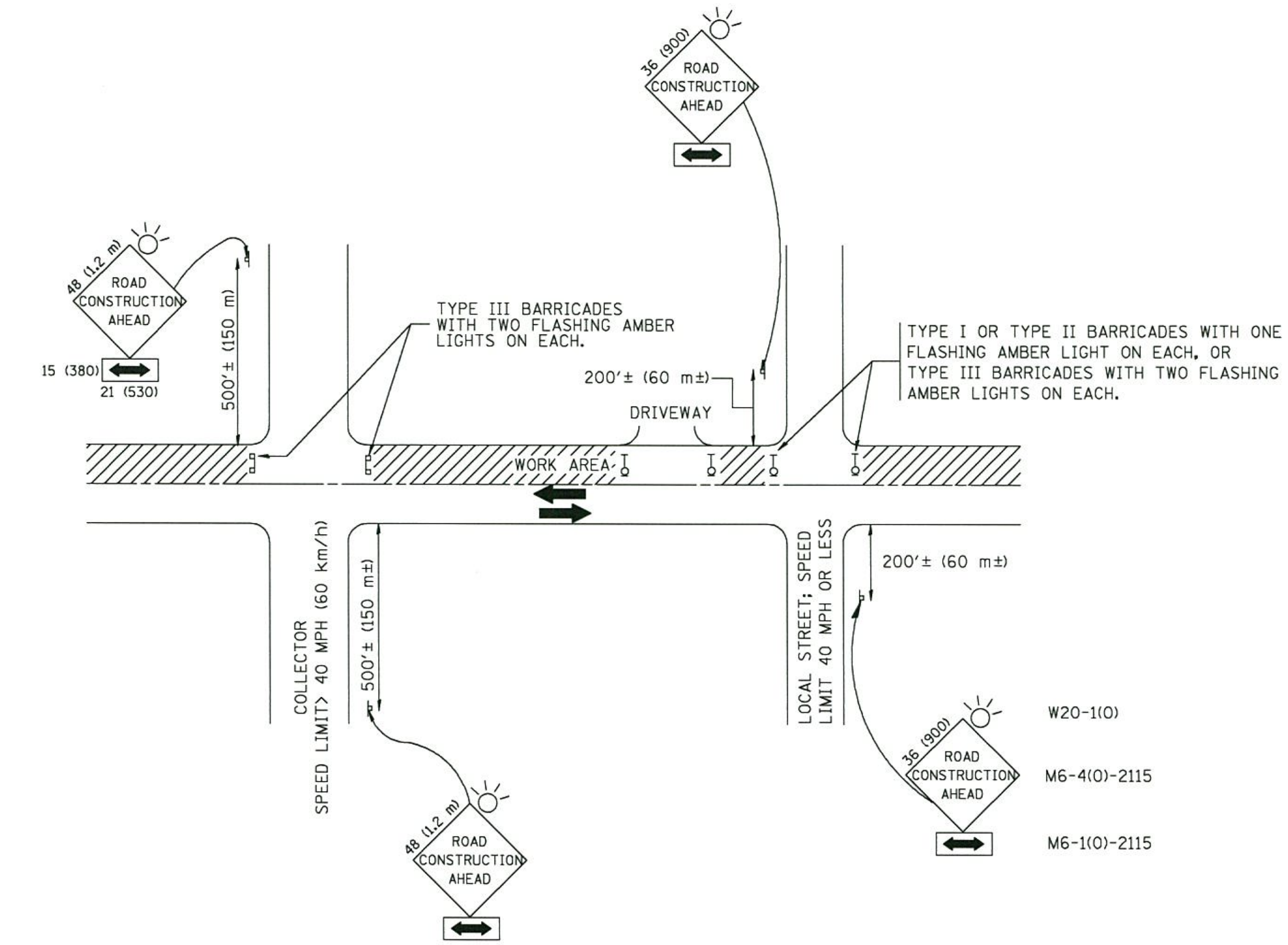
FILE NAME = W:\diststd\22x34\bd02.dgn	USER NAME = geglienobt	DESIGNED - R. SHAH	REVISED - T. HOLTZ 04-08-97
		DRAWN -	REVISED - M. GOMEZ 04-06-01
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - P. LaFLEUR 04-15-03
	PLOT DATE = 1/4/2008	DATE - 11-06-95	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15'(4.5m)

SCALE: NONE | SHEET NO. 23 OF 40 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	23
	BD400-02 BD-2	CONTRACT NO. 61E30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

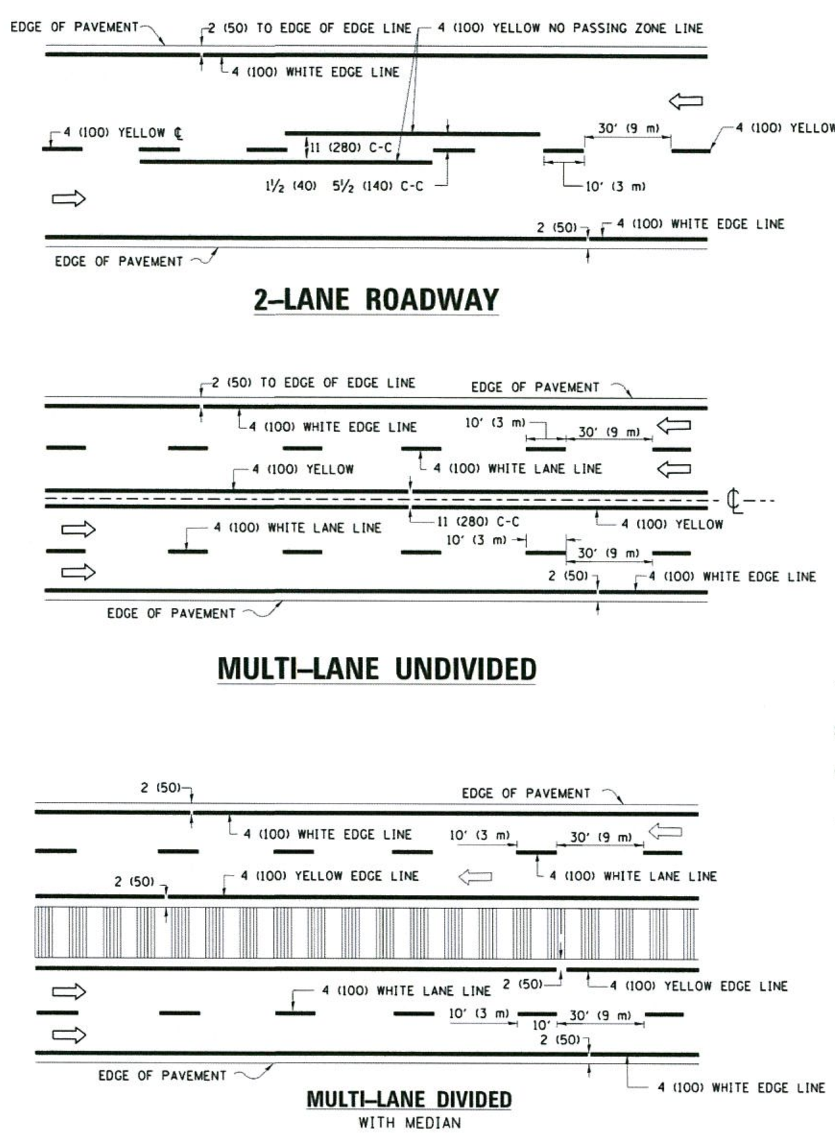
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\diststd\22x34\tc10.dgn	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN -	REVISED - A. HOUSEH 03-06-96	
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96	
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00	

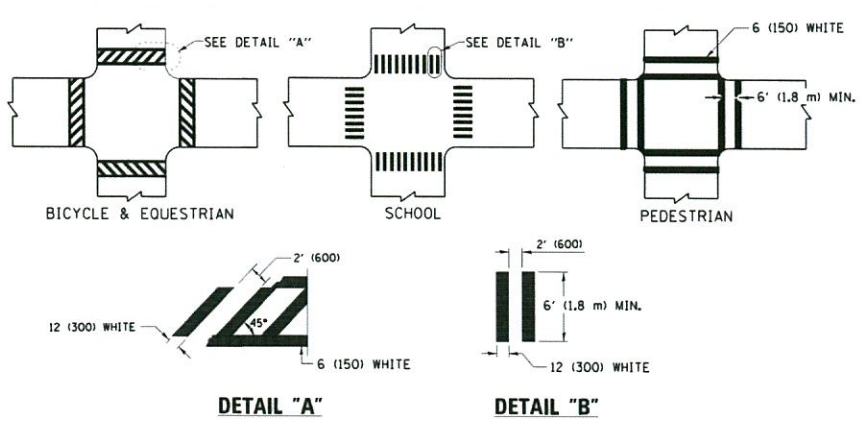
DISTRICT ONE
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE	SHEET NO. 24 OF 40 SHEETS	STA.	TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	24
	TC-10	CONTRACT NO. 61E30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

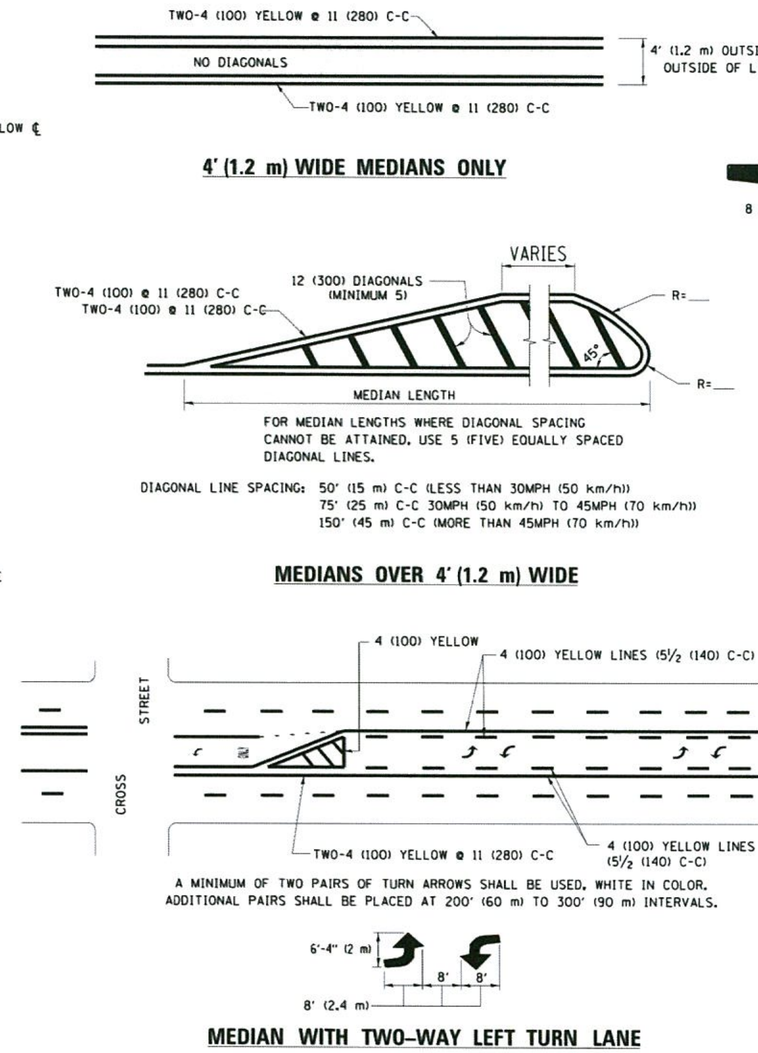


TYPICAL LANE AND EDGE LINE MARKING

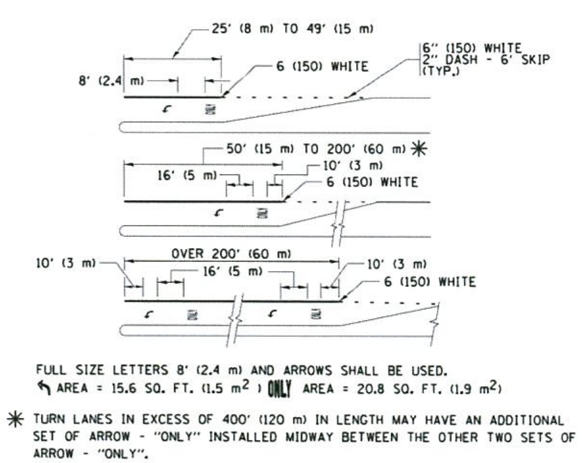


TYPICAL CROSSWALK MARKING

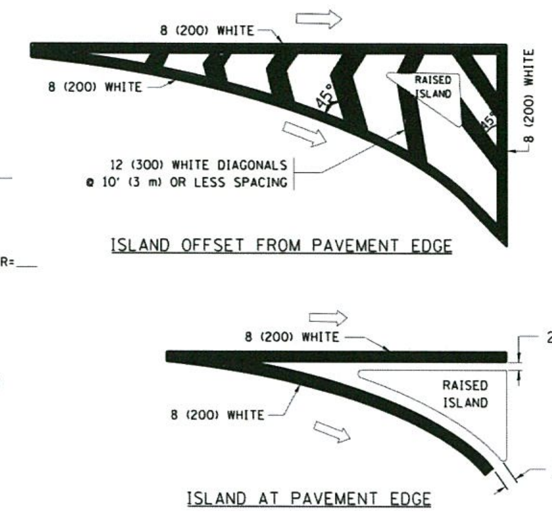
✳ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



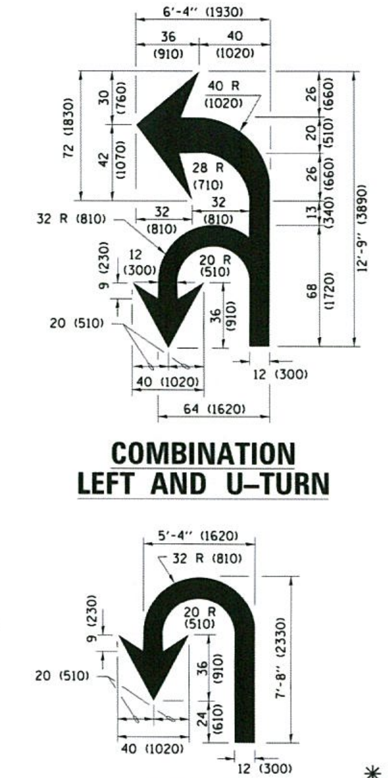
TYPICAL PAINTED MEDIAN MARKING



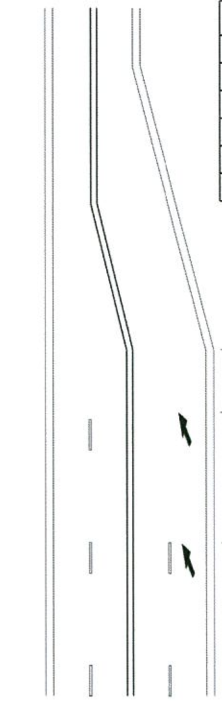
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55



LANE REDUCTION TRANSITION

✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1 CADData\CADsheets\tc13.dgn	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
		DRAWN -	REVISED - C. JUCIUS 07-01-13
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Default	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

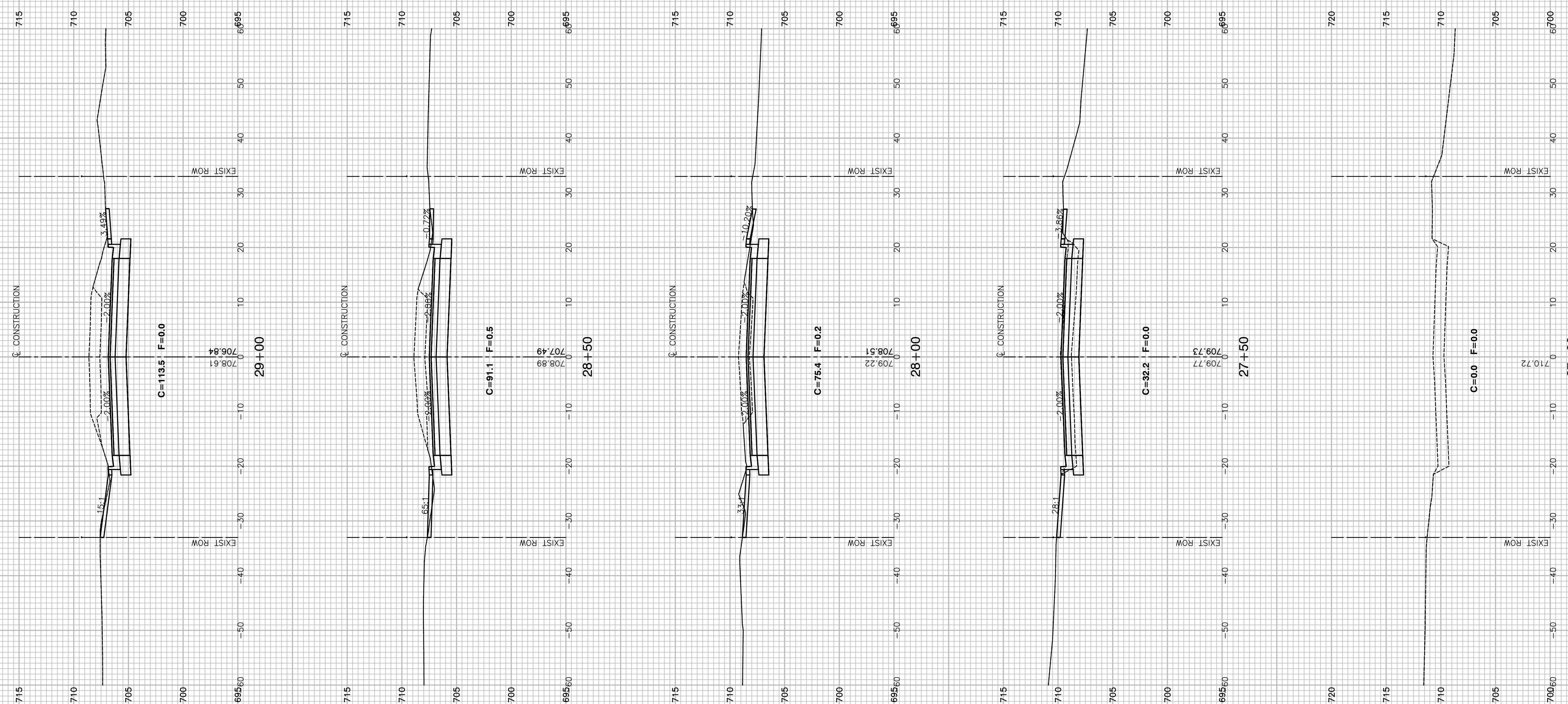
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET NO. 25 OF 40 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	25
	TC-13	CONTRACT NO. 61E30		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



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	CHECKED — HLG	REVISED —	
PLOT SCALE =	DRAWN — ACAD	REVISED —	
PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

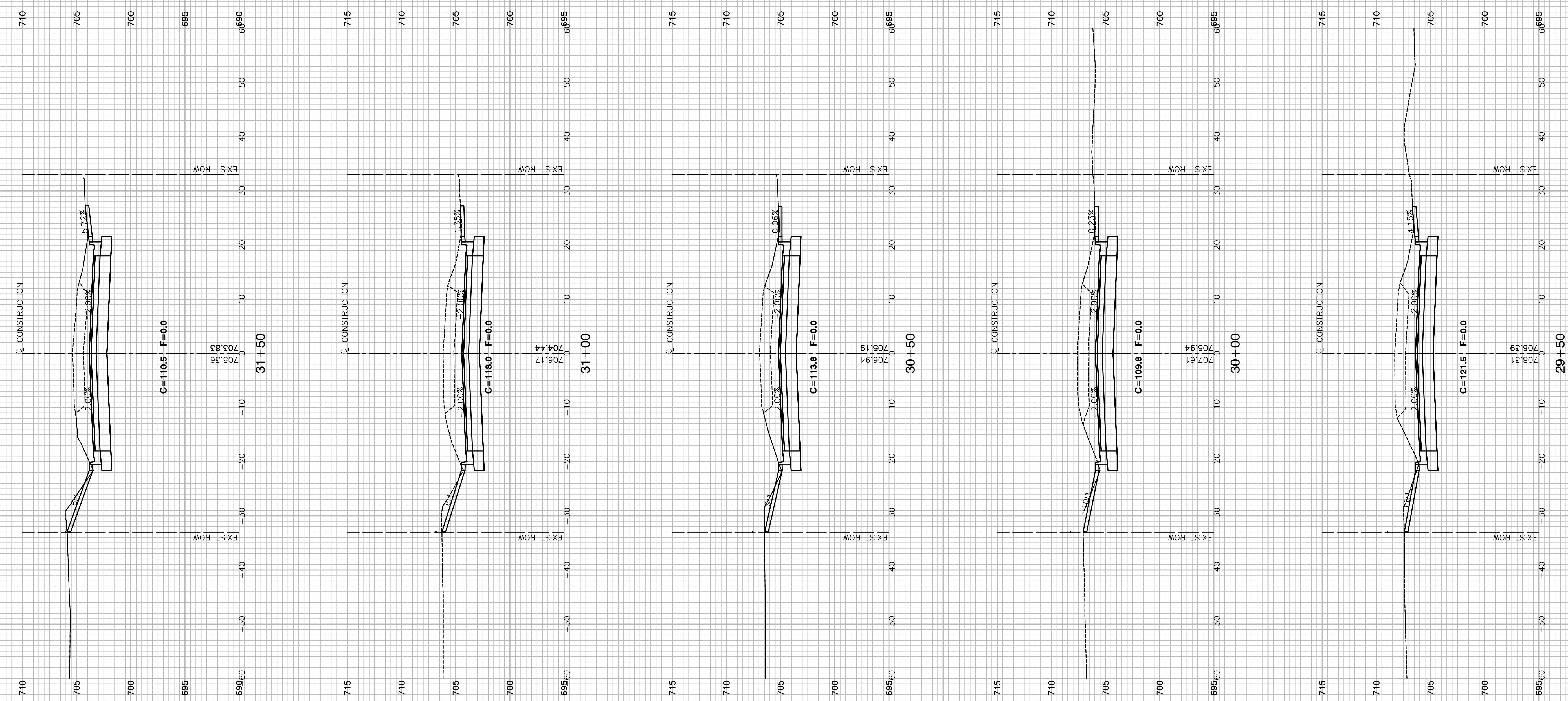
CORNING TO JOLIET ROAD
RATHJE ROAD
CROSS SECTIONS

SCALE: H 1"=10',V 1"=5' | SHEET NO. 26 OF 40 SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	26

CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



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PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

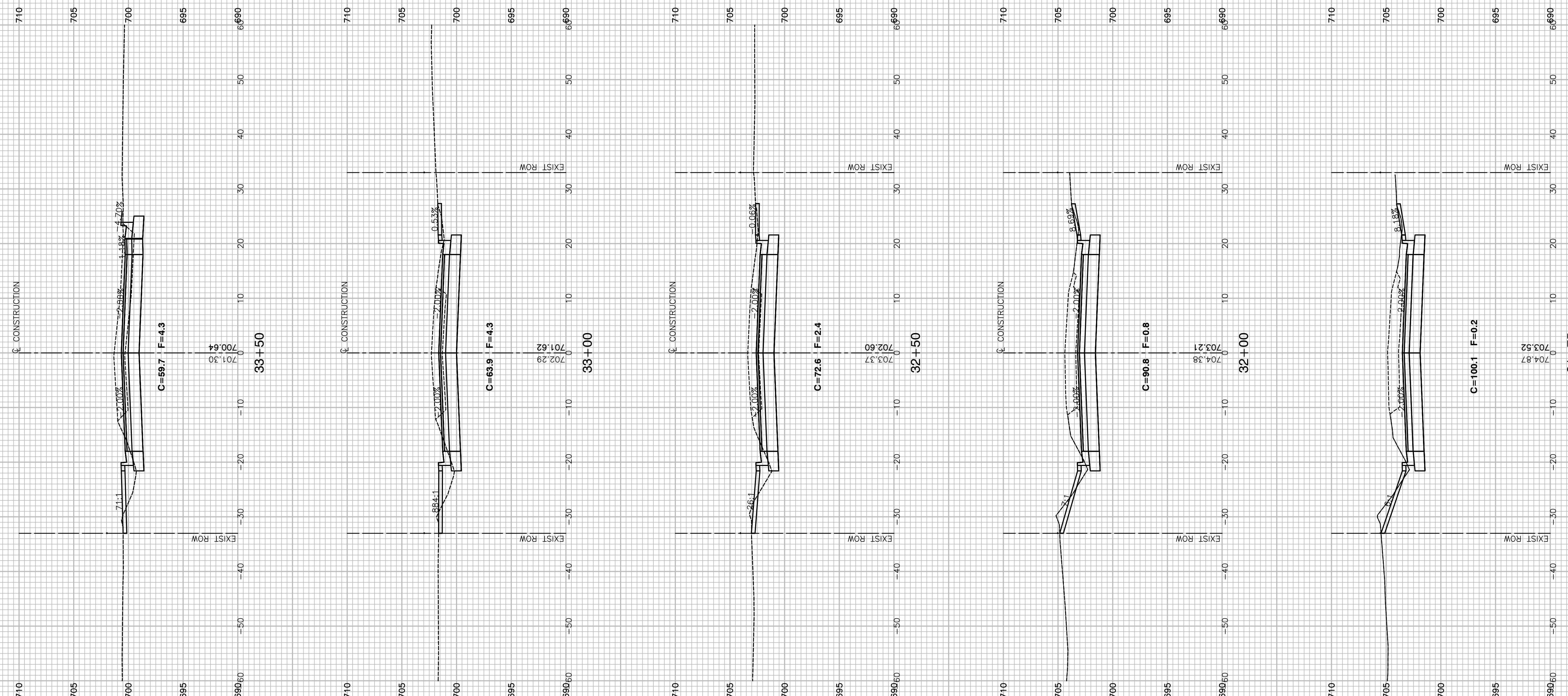
CORNING TO JOLIET ROAD
RATHJE ROAD
CROSS SECTIONS

SCALE: H 1"=10',V 1"=5' | SHEET NO. 27 OF 40 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	27

CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



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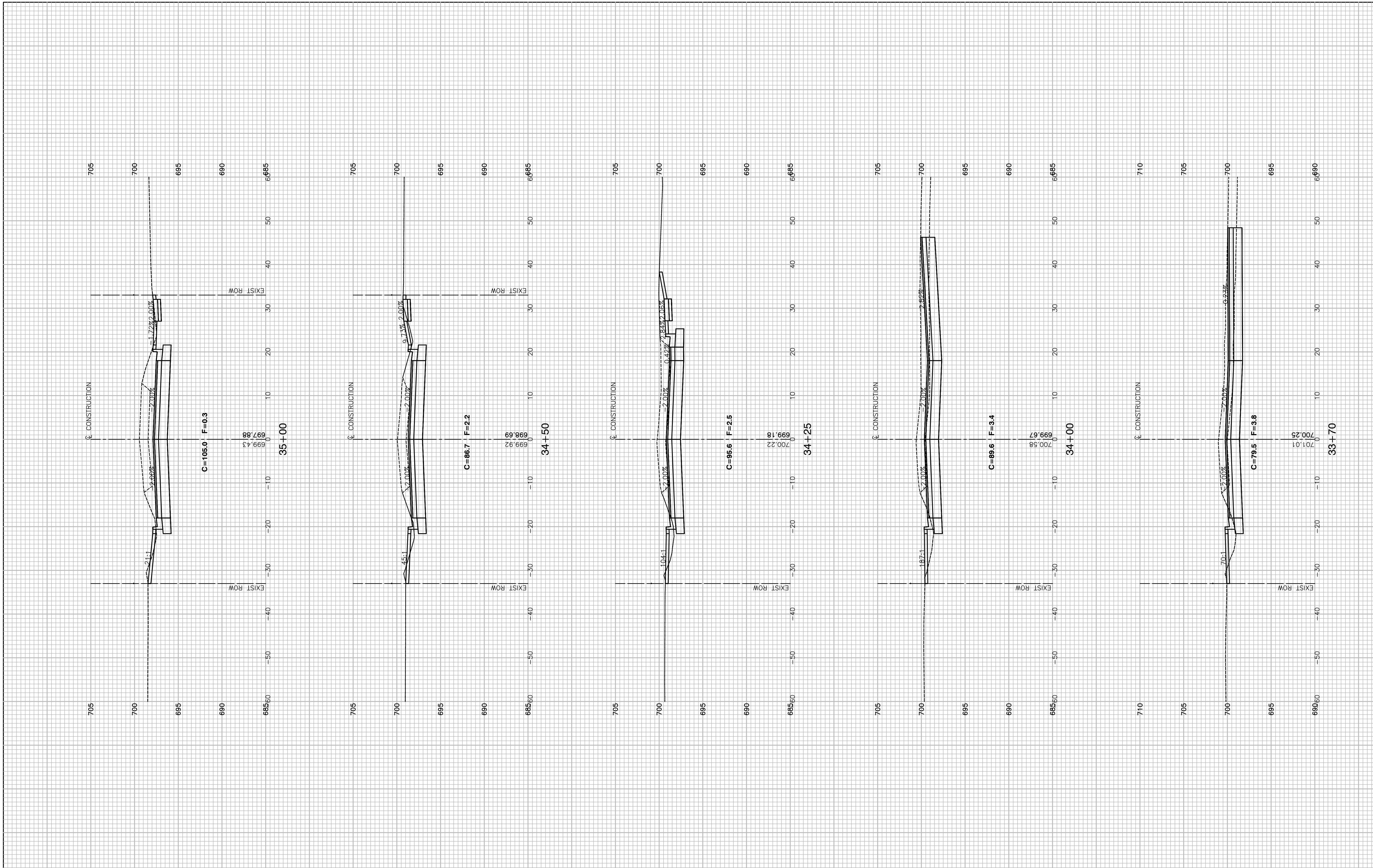
		CHECKED — HLG	REVISED —	
	PLOT SCALE =	DRAWN — ACAD	REVISED —	
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —	

CORNING TO JOLIET ROAD
RATHJE ROAD
CROSS SECTIONS

SCALE: H 1"=10',V 1"=5' | SHEET NO. 28 OF 40 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	28
		CONTRACT NO. 61E30		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



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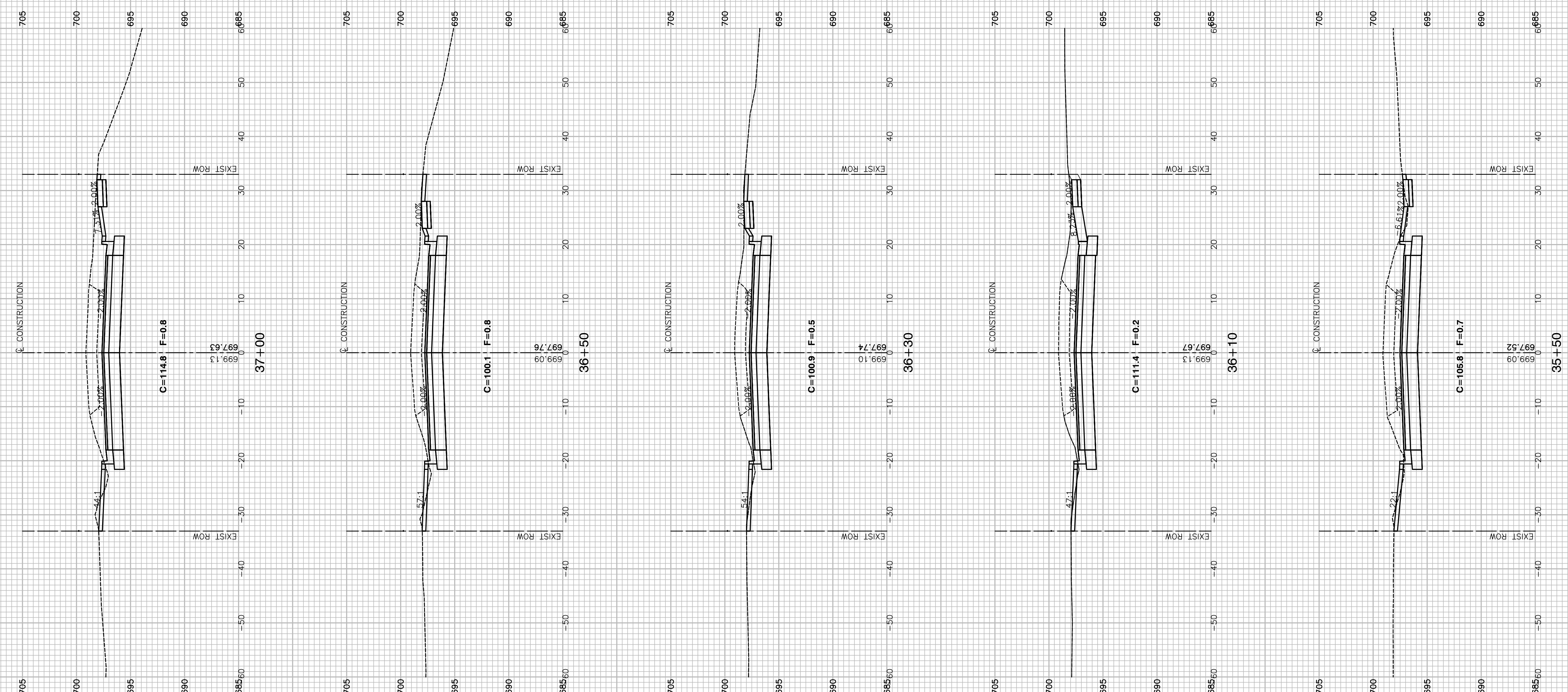
		CHECKED — HLG	REVISED —		
	PLOT SCALE =	DRAWN — ACAD	REVISED —		
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —		SCALE: H 1"=10',V 1"=5' · SHEET NO. 29 OF 40 SHEETS · STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	29
		CONTRACT NO. 61E30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ----		



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	CHECKED — HLG	REVISED —	
PLOT SCALE =	DRAWN — ACAD	REVISED —	
PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

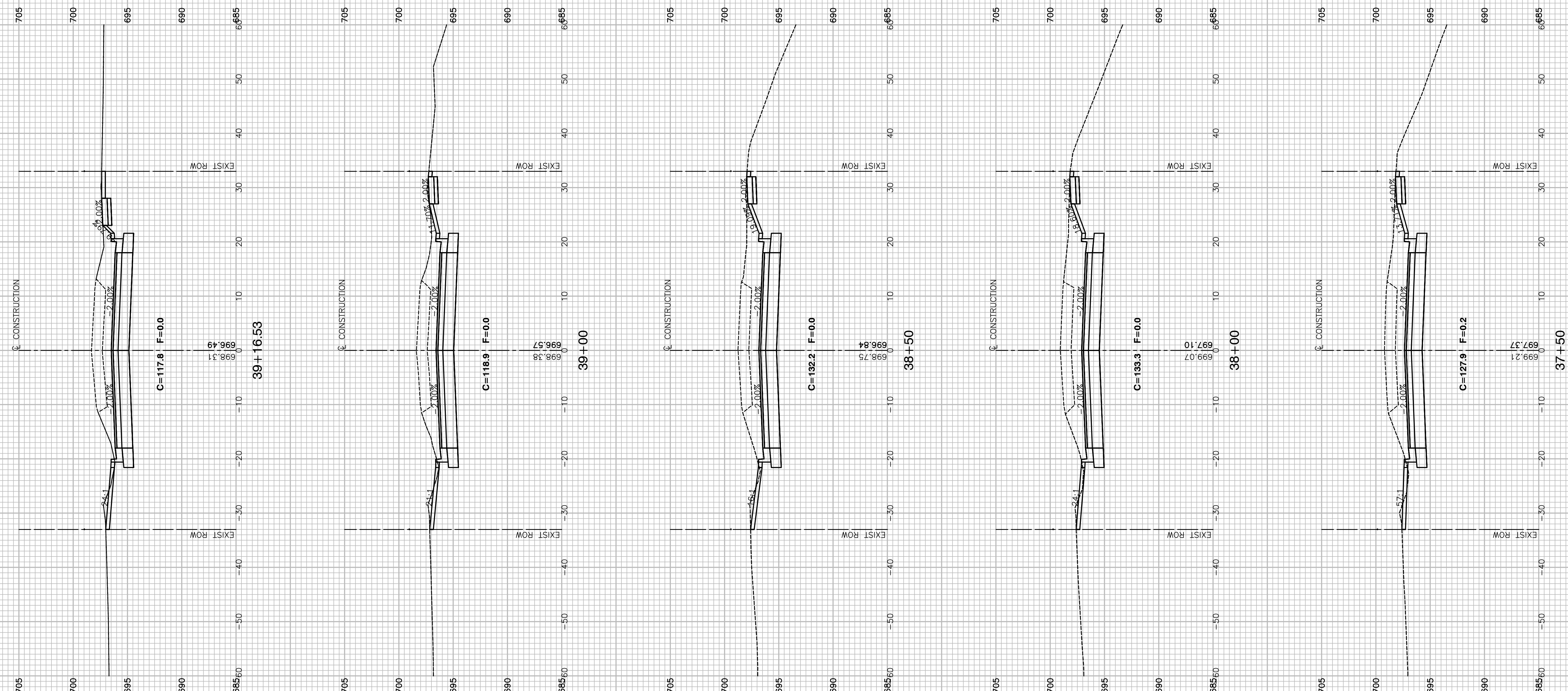
CORNING TO JOLIET ROAD
RATHJE ROAD
CROSS SECTIONS

SCALE: H 1"=10',V 1"=5' | SHEET NO. 30 OF 40 SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	30

CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



FILE NAME = 14525_02-XSECT-01 - IDOT_X(7)

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	CHECKED — HLG	REVISED —	
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PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

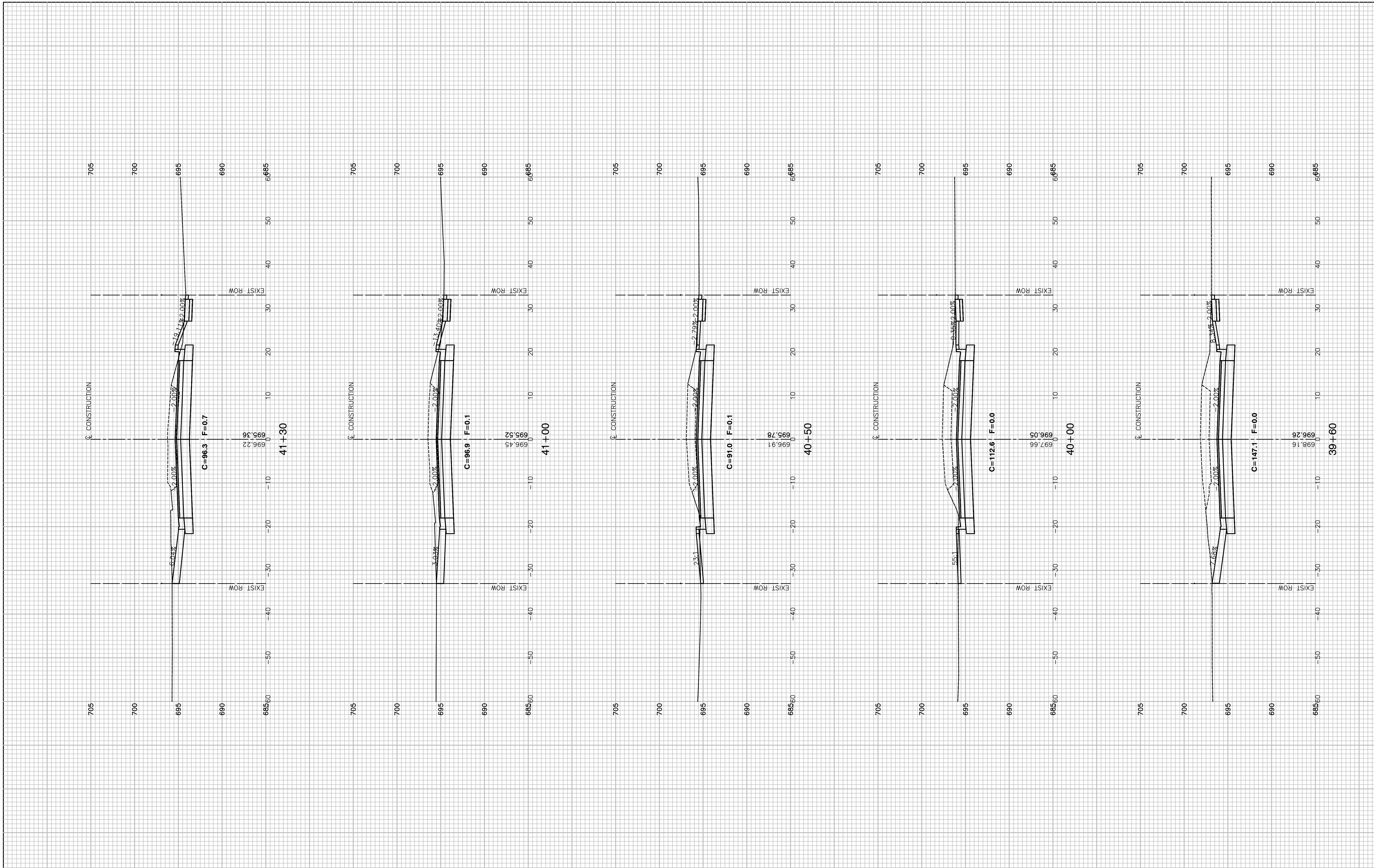
CORNING TO JOLIET ROAD
RATHJE ROAD
CROSS SECTIONS

SCALE: H 1"=10',V 1"=5' | SHEET NO. 31 OF 40 SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	31

CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



FILE NAME = 14525_02-XSECT-01 - IDOT_X(8)

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	CHECKED — HLG	REVISED —
PLOT SCALE =	DRAWN — ACAD	REVISED —
PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

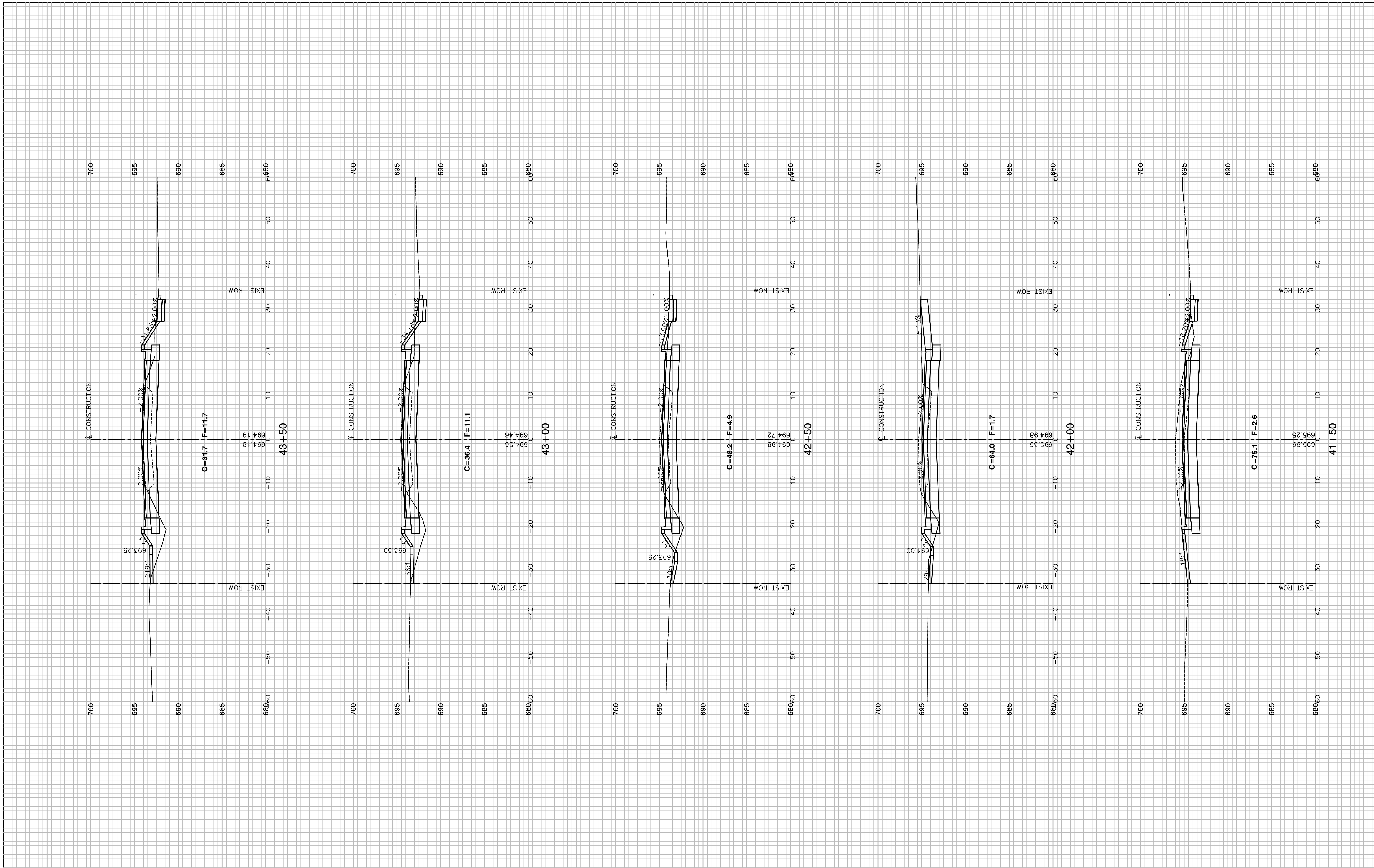
CORNING TO JOLIET ROAD
RATHJE ROAD
CROSS SECTIONS

SCALE: H 1"=10',V 1"=5' | SHEET NO. 32 OF 40 SHEETS | STA. TO STA.

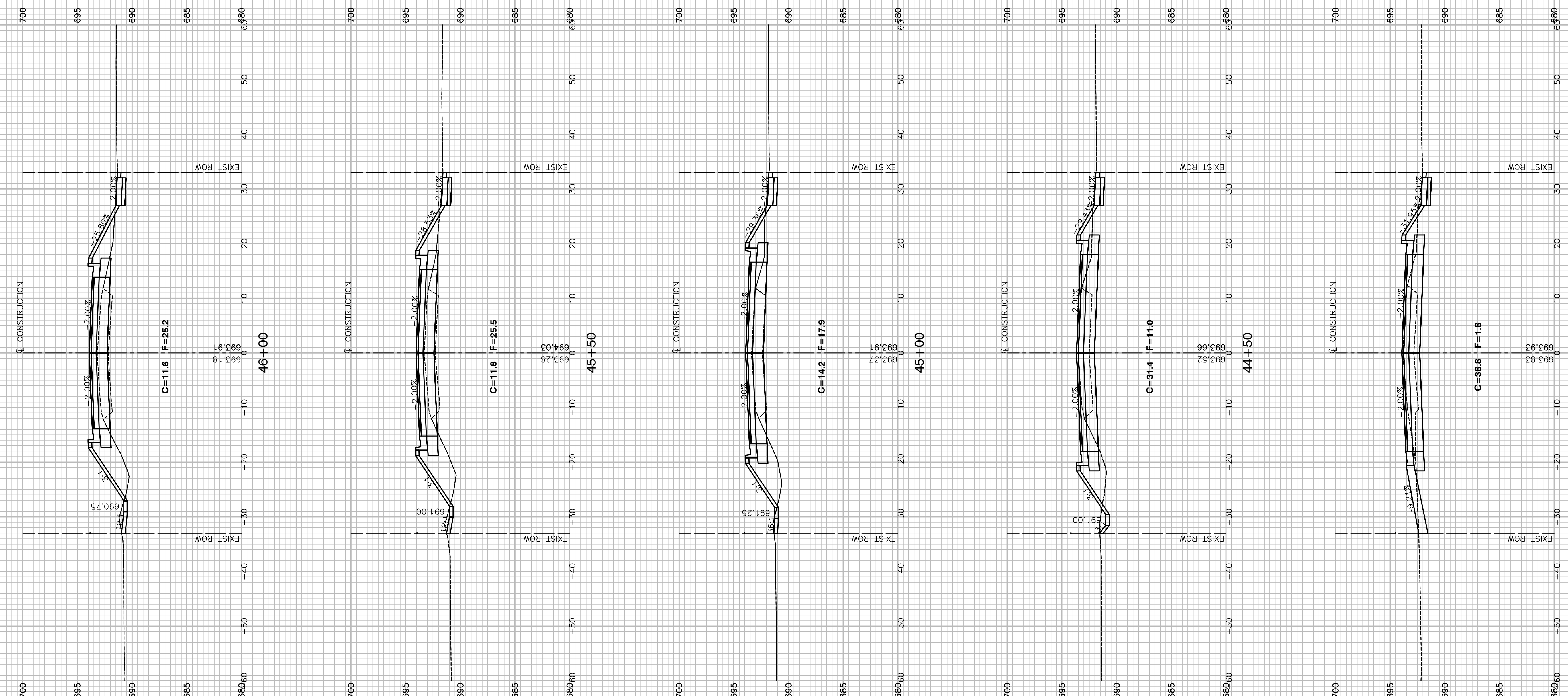
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	32

CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



FILE NAME = 14525_02-XSECT-01 - IDOT_X(9)	USER NAME =	DESIGNED — TAG	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CORNING TO JOLIET ROAD RATHJE ROAD CROSS SECTIONS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED — HLG	REVISED —			4304	04-00045-01-FP	WILL	40	33
	PLOT SCALE =	DRAWN — ACAD	REVISED —			CONTRACT NO. 61E30				
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —		SCALE: H 1"=10',V 1"=5' SHEET NO. 33 OF 40 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ----		



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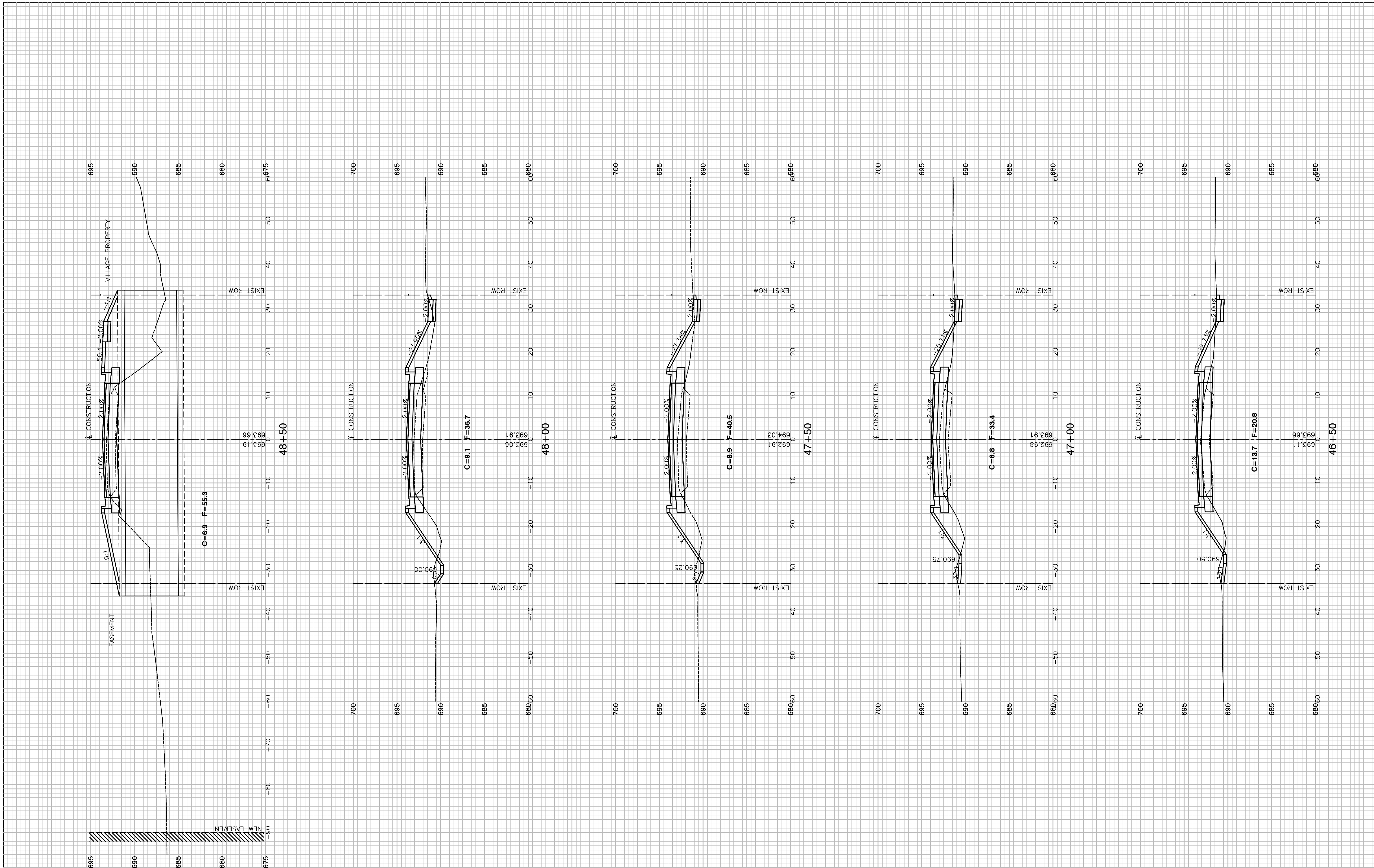
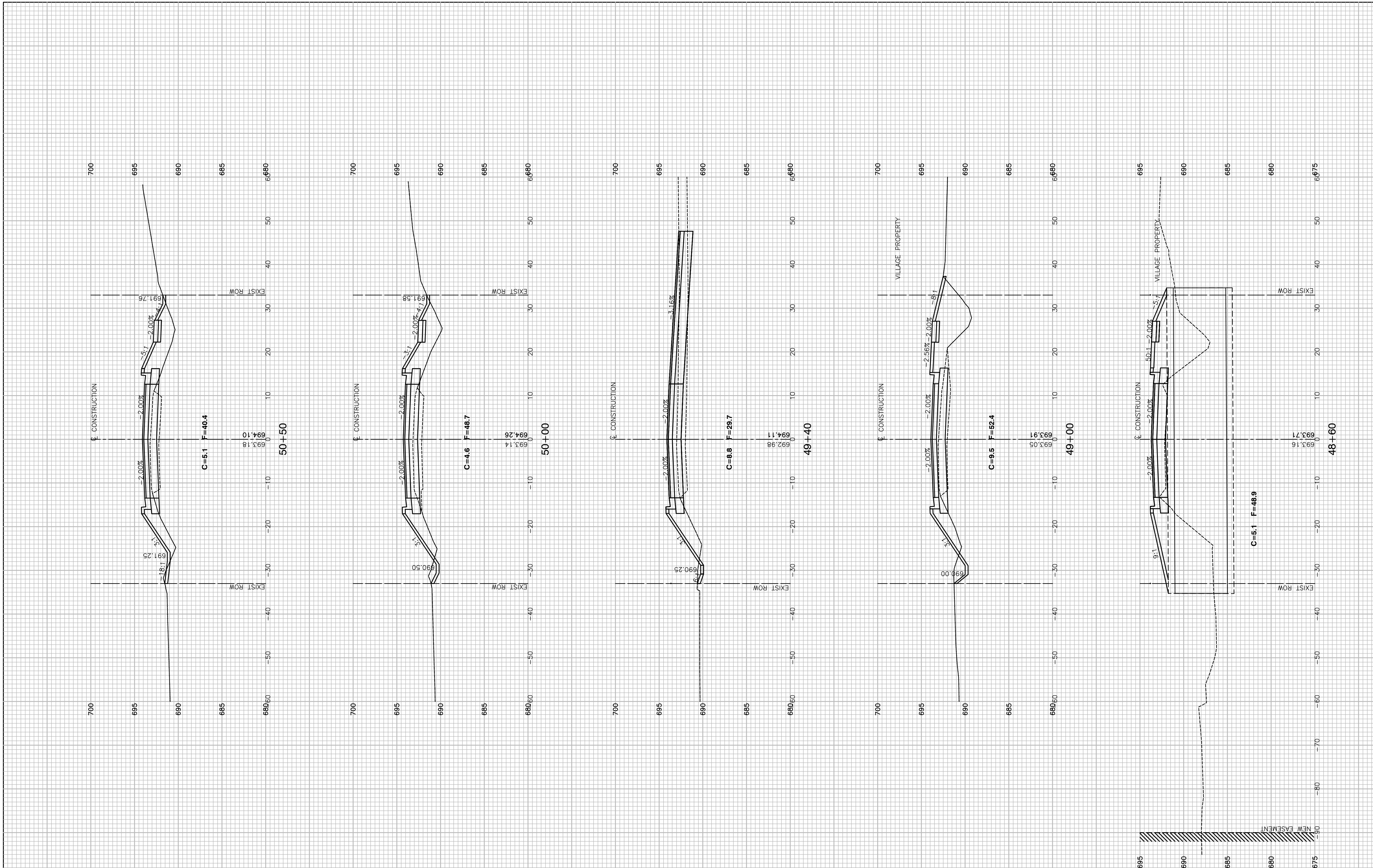
		CHECKED — HLG	REVISED —			SECTION 04-00045-01-FP
	PLOT SCALE =	DRAWN — ACAD	REVISED —			COUNTY WILL
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —		SCALE: H 1"=10',V 1"=5' SHEET NO. 34 OF 40 SHEETS STA. TO STA.	TOTAL SHEETS 40 SHEET NO. 34
						CONTRACT NO. 61E30
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----



FILE NAME = 14525_02-XSECT-01 - IDOT_X(11)	USER NAME =	DESIGNED — TAG	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CORNING TO JOLIET ROAD RATHJE ROAD CROSS SECTIONS
		CHECKED — HLG	REVISED —		
	PLOT SCALE =	DRAWN — ACAD	REVISED —		
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —		SCALE: H 1"=10',V 1"=5' | SHEET NO. 35 OF 40 SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	35
		CONTRACT NO. 61E30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ----		



FILE NAME = 14525_02-XSECT-01 - IDOT_X(12)	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

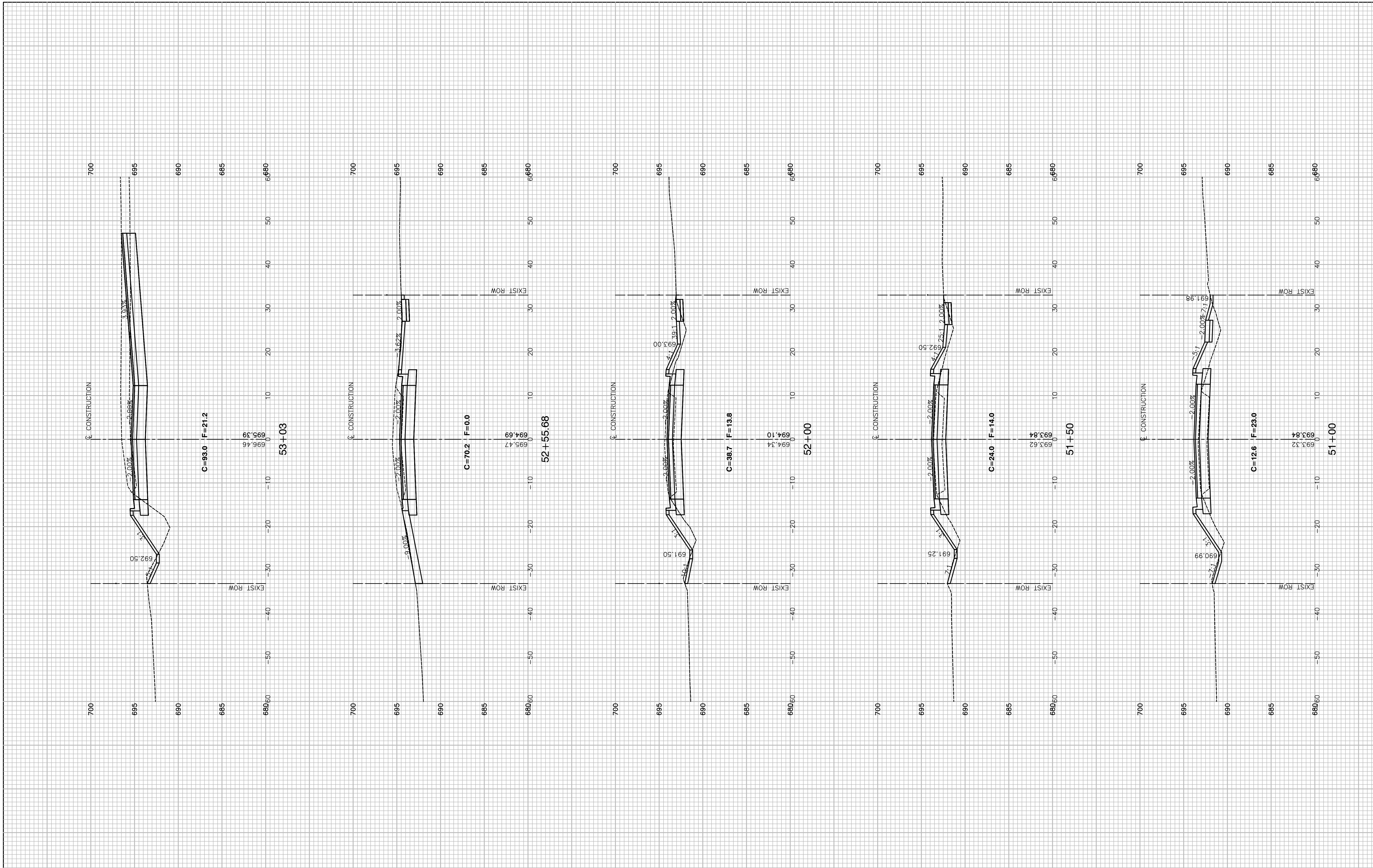
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CORNING TO JOLIET ROAD
RATHJE ROAD
CROSS SECTIONS

SCALE: H 1"=10',V 1"=5' | SHEET NO. 36 OF 40 SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	36
		CONTRACT NO. 61E30		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



FILE NAME = 14525_02-XSECT-01 - IDOT_X(13)	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

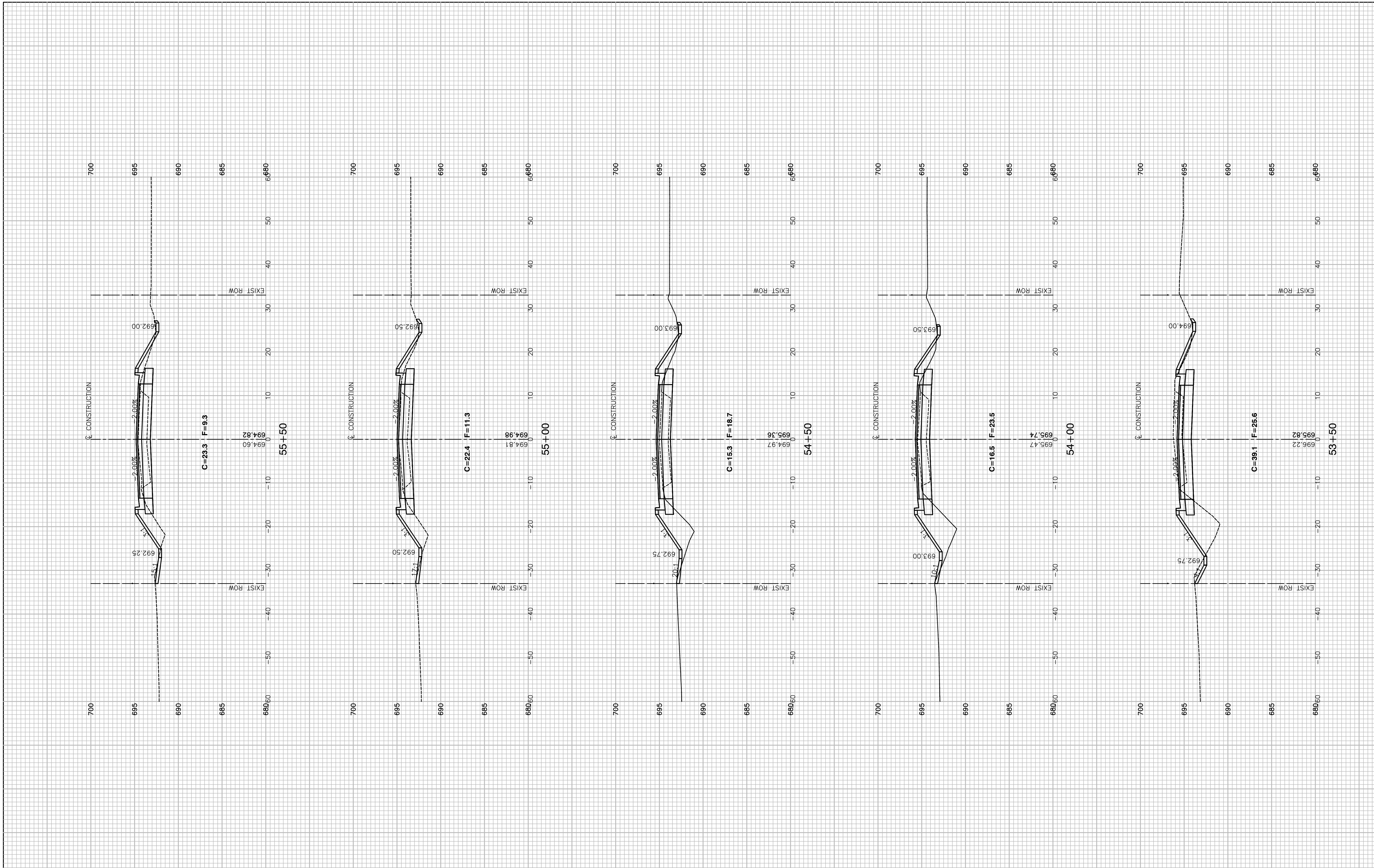
CORNING TO JOLIET ROAD
RATHJE ROAD
CROSS SECTIONS

SCALE: H 1"=10',V 1"=5' | SHEET NO. 37 OF 40 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	37

CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



FILE NAME = 14525_02-XSECT-01 - IDOT_X(14)	USER NAME =	DESIGNED — TAG	REVISED —
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	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

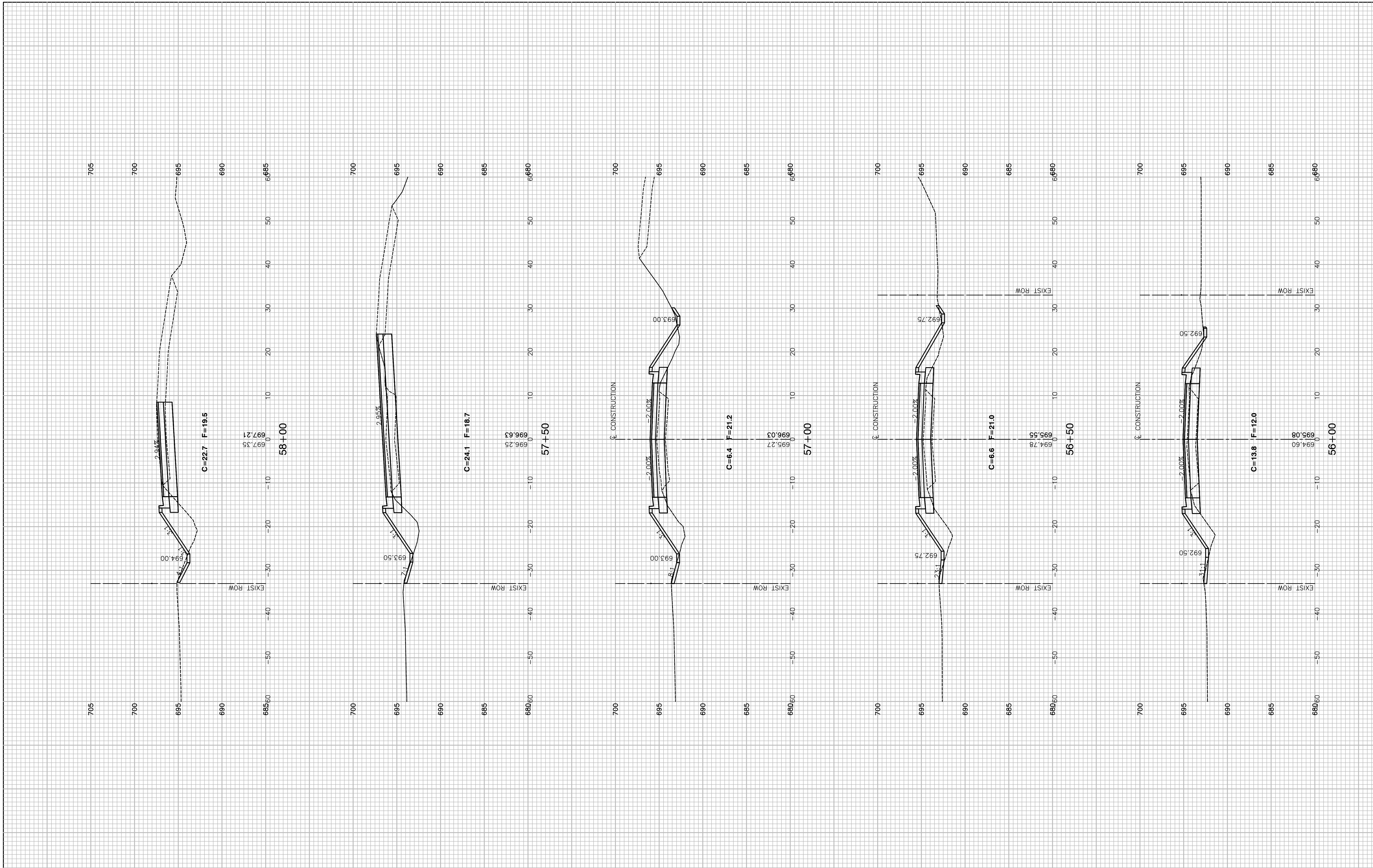
CORNING TO JOLIET ROAD
RATHJE ROAD
CROSS SECTIONS

SCALE: H 1"=10',V 1"=5' | SHEET NO. 38 OF 40 SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	38

CONTRACT NO. 61E30

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ----



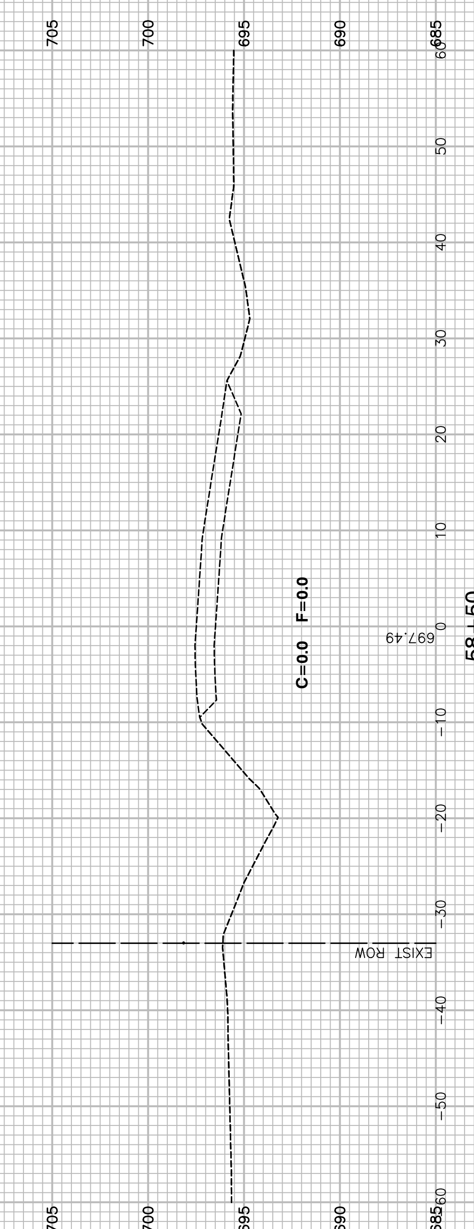
FILE NAME = 14525_02-XSECT-01 - IDOT_X(15)	USER NAME =	DESIGNED — TAG	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — ACAD	REVISED —
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CORNING TO JOLIET ROAD
RATHJE ROAD
CROSS SECTIONS

SCALE: H 1"=10',V 1"=5'	SHEET NO. 39 OF 40 SHEETS	STA.	TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	04-00045-01-FP	WILL	40	39
		CONTRACT NO. 61E30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ----		



FILE NAME = 14525_02-XSECT-01 - IDOT_X(16)	USER NAME =	DESIGNED — TAG	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CORNING TO JOLIET ROAD RATHJE ROAD CROSS SECTIONS	F.A.U RTE. 4304	SECTION 04-00045-01-FP	COUNTY WILL
		CHECKED — HLG	REVISED —					TOTAL SHEETS 40
	PLOT SCALE =	DRAWN — ACAD	REVISED —					SHEET NO. 40
	PLOT DATE = 09-20-17	CHECKED — ACAD	REVISED —		SCALE: H 1"=10', V 1"=5' SHEET NO. 40 OF 40 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----		CONTRACT NO. 61E30