

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	1
FEDERAL AID PROJECT ILLINOIS		CONTRACT NO. 97686		

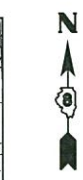
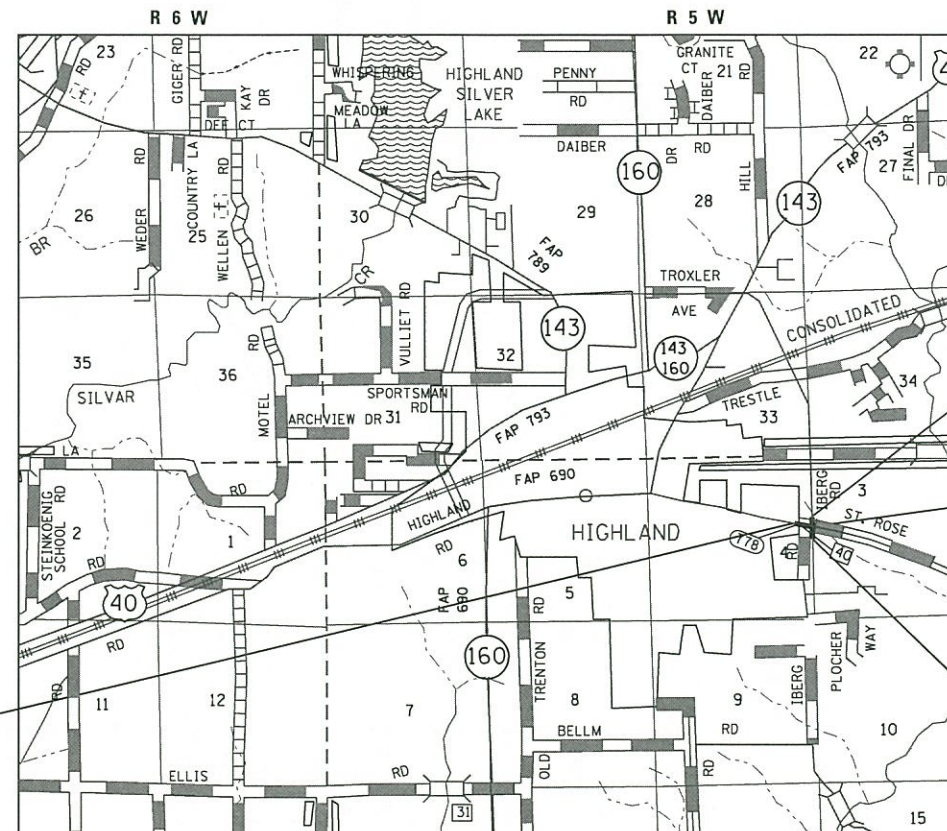
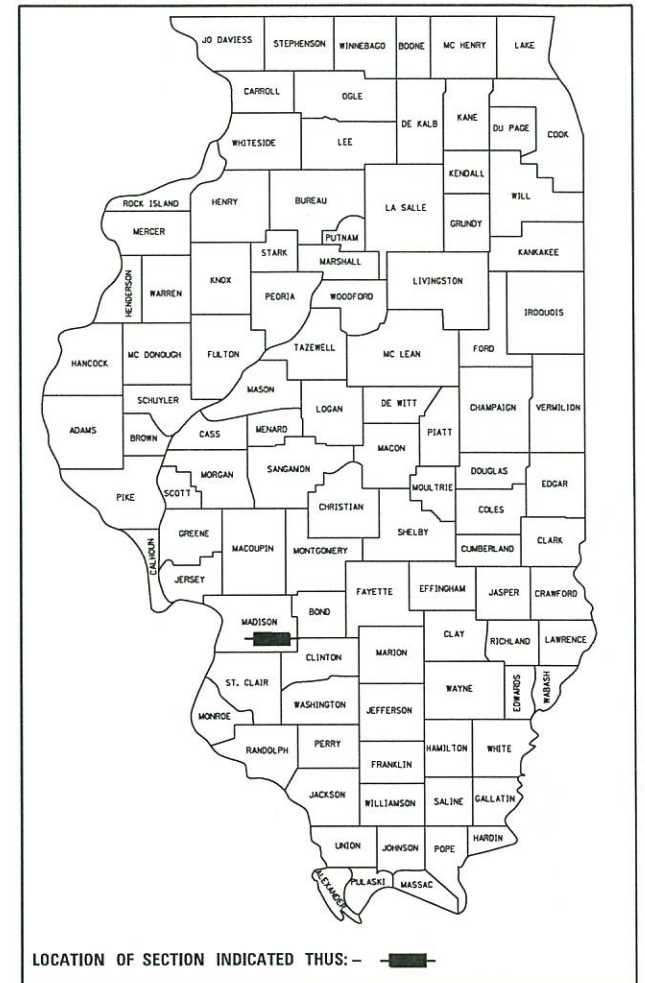
INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2-3	GENERAL NOTES, UTILITIES, HIGHWAY STANDARDS, & COMMITMENTS
4-6	SUMMARY OF QUANTITIES
7-12	TYPICAL SECTIONS
13-15	SCHEDULES
16-19	PLAN & PROFILE SHEETS
20-23	TRAFFIC CONTROL PLANS
24-25	DRAINAGE PLAN SHEETS
26-27	REMOVAL PLAN SHEETS
28-33	ROUNDBOUT DETAILS
34-37	RAMP DETAILS
38-42	PAVEMENT MARKING AND SIGNAGE PLAN SHEETS
43	UTILITY PLAN SHEET
44-45	CONSTRUCTION DETAILS
46-55	CROSS SECTIONS

PLANS FOR PROPOSED

HSIP FUNDS

CITY OF HIGHLAND
BROADWAY / ST. ROSE ROAD (FAU 8846) & IBERG
ROAD / VETERANS HONOR PARKWAY (FAU 8858) ROUNDBOUT
MADISON COUNTY
SECTION: 17-00070-00-PV
PROJECT: QX2K(199)
JOB NO.: C-98-301-17



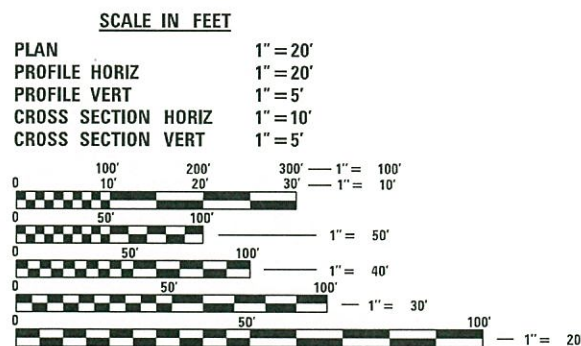
T
4
N

END RECONSTRUCTION
IBERG ROAD /VHP
STA 102 + 75.50

END RECONSTRUCTION
BROADWAY /ST. ROSE ROAD
STA 14 + 62.00

T
3
N

BEGIN RECONSTRUCTION
IBERG ROAD /VHP
STA 96 + 86.00



BEGIN RECONSTRUCTION
BROADWAY /ST. ROSE ROAD
STA 7 + 46.00

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

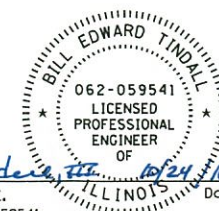
DESIGN DESIGNATION

CLASSIFICATION = MINOR ARTERIAL
DESIGN SPEED = 25 MPH
CURRENT ADT = 4,450
DESIGN YEAR ADT (2038) = 8,200

LOCATION MAP

SCALE: 1" = 5,000'

BROADWAY /ST. ROSE ROAD LENGTH = 716.0 FEET (0.136 MILES)
IBERG ROAD /VETERANS HONOR PARKWAY = 589.50 FEET (0.112 MILES)
NET LENGTH = 1,305.50 FEET (0.247 MILES)
GROSS LENGTH = 1,305.50 FEET (0.247 MILES)



Bill Tindall, P.E.
BILL TINDALL, P.E.
IL P.E. NO. 062-059541
License Expires 11/30/2019

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED: 10.24.18 DATE
Joseph R. Michaelis MAYOR OF HIGHLAND

PASSED: 11/8/18 DATE
acting [Signature] DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW: 11/8/18 DATE
[Signature] REGION FIVE ENGINEER

OATES ASSOCIATES

Collinsville: 100 Lanter Court, Suite 1, Collinsville, IL 62234, 618.345.2200

St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381

Belleville: 20 East Main Street, Belleville, IL 62200, 618.416.4688

St. Charles: 330 North Main, Suite 201, St. Charles, MO 63301, 636.493.6277

www.oatesassociates.com
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

UTILITIES

- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MAY BE CONTACTED DIRECT. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
- ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 2 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

 CHARTER COMMUNICATIONS (CABLE TV)
 815 CHARTER COMMONS
 TOWN & COUNTRY, MO 63017
 (314) 393-5028

 CITY OF HIGHLAND (WATER, SEWER, ELECTRIC, & FIBER OPTIC)
 2610 PLAZA DRIVE
 HIGHLAND, IL 62249
 (618) 654-7511

 AMEREN IP (GAS)
 2600 NORTH CENTER
 MARYVILLE, IL 62062
 (618) 345-8121

 FRONTIER-SOUTH (COMMUNICATIONS)
 111 EAST STATE STREET
 MASCOUTAH, IL 62258
 (618) 566-9815
- THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

GENERAL CONSTRUCTION

- THE CONTRACTOR SHALL REMOVE, MAINTAIN IN A TEMPORARY LOCATION AND PERMANENTLY RESET ALL MAILBOXES, TRAFFIC SIGNS, STREET NAME SIGNS AND ALL PRIVATE AND COMMERCIAL SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS ACCORDING TO ARTICLES 107.20 AND 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE VARIOUS ITEMS OF WORK INVOLVED.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE LOCAL POSTMASTER FOR APPROVAL OF THE TEMPORARY MAILBOX LOCATIONS.

 LYNN TODT
 801 MAIN ST
 HIGHLAND, IL 62249
 (618) 654-2457
- THE CONTRACTOR SHALL PROVIDE SIZE 12"x12" BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
- EARTH EXCAVATION INCLUDES THE REMOVAL OF THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE AND AGGREGATE BASE. THE CONTRACTOR MAY INCORPORATE THESE MATERIALS INTO THE PROPOSED EMBANKMENT. SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- ANY UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- THE CONTRACTOR SHALL BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- WHEN THE MILLING OPERATION COMMENCES, "ROUGH GROOVED SURFACE" (W8-1106-(0)-48) SIGNS SHALL BE PLACED BY THE CONTRACTOR AT EACH END OF THE SECTION, AND EACH INTERSECTING SIDE ROAD. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE VARIOUS ITEMS OF WORK INVOLVED.

ROADWAY ITEMS

- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE VAULT FRAMES AND LIDS LOCATED WITHIN THE RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- THE THICKNESS OF THE ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE ASPHALT MIXTURES ARE PLACED.
- ALL EXISTING ROADWAY FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL MISCELLANEOUS FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS REMOVAL WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR EARTH EXCAVATION.

DRAINAGE

- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS IS THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER SHALL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLE 550.09 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

PAVEMENT MARKING

- THE CONTRACTOR SHALL APPLY SHORT-TERM PAVEMENT MARKINGS TO THE MILLED, PRIMED AND EACH ASPHALT SURFACE LAYER. WORK ZONE PAVEMENT MARKING REMOVAL PAYS FOR REMOVAL FROM FINAL SURFACE ONLY. SHORT-TERM PAVEMENT MARKING REMOVAL ON THE FINAL SURFACE SHALL NOT DAMAGE THE SURFACE OR TEXTURE OF THE PAVEMENT.
- THE CONTRACTOR SHALL PLACE ALL TEMPORARY PAVEMENT MARKINGS IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS MAY BE ADJUSTED BY THE CONTRACTOR, IF NECESSARY, TO MATCH FIELD CONDITIONS AS DIRECTED BY THE RESIDENT ENGINEER.

SIGNAGE

- STOP SIGNS FOR PEDESTRIAN CROSSINGS SHALL INCLUDE DIRECTIONAL SHIELDS TO REMOVE ITS VIEW FROM VEHICULAR TRAFFIC.

MODEL: D:\h1\176-Highland Roundabout\Map\resolutions\CADD Drawings\0816176-SHK-Comments\Notes.dgn



USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 10,0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, UTILITIES, HIGHWAY STANDARDS, & COMMITMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	2
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

ABBREVIATIONS, SYMBOLS, & APPROXIMATE QUANTITIES

25. THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

AD	ALGEBRAIC DIFFERENCE IN GRADE
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION
BVCS	BEGINNING OF VERTICAL CURVE STATION
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
EVCE	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
FES	FLARED END SECTION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TUP	TEMPORARY USE PERMIT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
W	WIDTH

EMERGENCY SERVICE CONTACTS

RICK BLOEMKER, FIRE CHIEF
1115 BROADWAY
PO BOX 218
HIGHLAND, IL 62249
(618) 654-5901

BRAIN WILSON, EMS CHIEF
1122 BROADWAY
PO BOX 218
HIGHLAND, IL 62249
(618) 654-5901

CHRIS CONRAD, CHIEF OF POLICE
820 MULBERRY STREET
HIGHLAND, IL 62249
(618) 654-2131

COMMITMENTS

26. NONE

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATES AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
420111-04	PCC PAVEMENT ROUNDOUTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424031-02	MEDIAN PEDESTRIAN CROSSING
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602306-03	INLET - TYPE B
602402-01	PRECAST MANHOLE - TYPE A 5' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701331-05	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
782001-01	CURB REFLECTORS
BLR 21-9	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS, 2L, 2W

MODEL: D:\chil FILE NAME: H:\P16176-Highland Roundabout\Microstation\CADD Drawing\2016176-SH-General-Notes.dgn



OATES ASSOCIATES
www.oatesassociates.com
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = nick.moore	DESIGNED -	REVISED -
DRAWN -	REVISOR -	REVISOR -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 11/6/2018	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, UTILITIES, HIGHWAY STANDARDS, & COMMITMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	3
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		20200100	EARTH EXCAVATION	CU YD	2,015
	*	20800150	TRENCH BACKFILL	CU YD	206
	*	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4,840
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90
		25100115	MULCH, METHOD 2	ACRE	1.0
		25100630	EROSION CONTROL BLANKET	SQ YD	284
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200
		28000400	PERIMETER EROSION BARRIER	FOOT	1,230
		28000500	INLET AND PIPE PROTECTION	EACH	2
		31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	5,807
		35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	527
		35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	345

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	20
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2,412
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	333
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	37
		40600990	TEMPORARY RAMP	SQ YD	37
	*	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	36
	*	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	83
	*	40701981	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15"	SQ YD	129
		42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	2,904
	*	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	61
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5,136
	*	42400800	DETECTABLE WARNINGS	SQ FT	320
		44000100	PAVEMENT REMOVAL	SQ YD	3,513
	*	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	204

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

MODEL: Default
FILE NAME: H:\P16176- Highland Resources\Information\CADD Drawings\DR16176-SH-SC0.dwg



USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/17/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 8846	SECTION 17-00070-00-PV	COUNTY MADISON	TOTAL SHEETS 55	SHEET NO. 4
CONTRACT NO. 97686			ILLINOIS FED. AID PROJECT	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	52
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,278
	*	44000600	SIDEWALK REMOVAL	SQ FT	2,809
		44004250	PAVED SHOULDER REMOVAL	SQ YD	661
		44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	866
	*	48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	601
		50105220	PIPE CULVERT REMOVAL	FOOT	36
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1
		54216210	REINFORCED CONCRETE PIPE TEE, 30" PIPE WITH 12" RISER	EACH	1
	*	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	444
	*	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	166
	*	55100500	STORM SEWER REMOVAL 12"	FOOT	41
	*	55100700	STORM SEWER REMOVAL 15"	FOOT	74

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	*	56100800	WATER MAIN 10"	FOOT	95
*	*	56105100	WATER VALVES 10"	EACH	1
*	*	56109210	WATER VALVES TO BE ADJUSTED	EACH	4
		60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
*	*	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	10
		60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	6
*	*	60255500	MANHOLES TO BE ADJUSTED	EACH	3
		60500060	REMOVING INLETS	EACH	6
		60600095	CLASS SI CONCRETE (OUTLET)	CU YD	4
		60600605	CONCRETE CURB, TYPE B	FOOT	273
*	*	60604900	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18 VARIABLE WIDTH GUTTER FLAG	FOOT	593
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	984
		60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	276
		60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	383

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

MODEL: Default
FILE NAME: H:\P1\1716-Highland Roundabout\Microstation\CADD\Drawings\09181716-SHA-SGD.dgn



USER NAME = nick.moore
DESIGNED -
DRAWN -
CHECKED -
DATE -
PLOT SCALE = 100.0000' / in.
PLOT DATE = 11/6/2018

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-0070-00-PV	MADISON	55	5
CONTRACT NO. 97686			ILLINOIS FED. AID PROJECT	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		60608521	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24	FOOT	286
		67100100	MOBILIZATION	L SUM	1
*		72000100	SIGN PANEL - TYPE 1	SQ FT	298
*		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	12
*		72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	9
*		72900200	METAL POST - TYPE B	FOOT	652
*		78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	54
*		78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	7,916
*		78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	345
*		78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	312
*		78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	9
*		78200020	CURB REFLECTORS	EACH	60
*		81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	26
*		81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	814

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	*	K1001988	IRRIGATION SYSTEM SPECIAL	LSUM	1
	*	LR430030	CONCRETE PAVER PAVEMENT	SQ YD	666
	*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1
*	*	X0327008	REMOVE AND RELOCATE SIGN (SPECIAL)	EACH	1
	*	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	551
	*	X2500920	SEEDING, CLASS 1A (SPECIAL)	ACRE	1.0
	*	X2800520	ABOVE GRADE INLET FILTERS	EACH	16
	*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, (VARIABLE DEPTH)	SQ YD	701
*	*	X5630710	CONNECTION TO EXISTING WATER MAIN 10"	EACH	1
	*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
	*	Z0004002	BOLLARDS	EACH	2
*	*	Z0036200	PAINT CURB	FOOT	888
	*	Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	89

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

MODEL: Default
FILE NAME: R:\18175 - Highland Roundabout\Information\CADD Drawings\18175-Site-S00.dgn
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

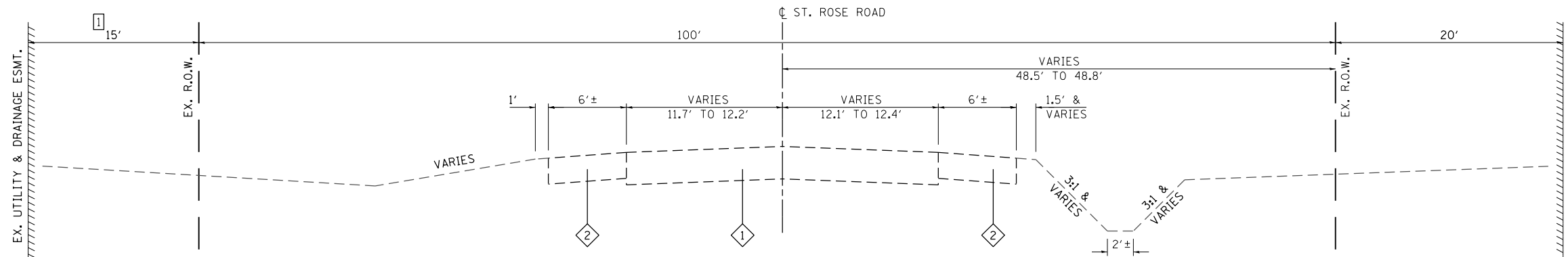
SUMMARY OF QUANTITIES

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

F.A.U. RTE. 8846	SECTION 17-00070-00-PV	COUNTY MADISON	TOTAL SHEETS 55	SHEET NO. 6
CONTRACT NO. 97686			ILLINOIS FED. AID PROJECT	

TYPICAL SECTION NOTES

- 1 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE WEST OF STATION 13+26.1.
- 2 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE FROM STATION 96+85.1 SOUTH TO N PORTE DR INTERSECTION.
- 3 OMIT SAWED LONGITUDINAL JOINT WHEN VARIABLE PAINTED MEDIAN WIDTH IS 2' OR LESS OR WHEN DISTANCE BETWEEN EDGE OF PAVEMENT AND CENTERLINE IS LESS THAN 16.5'.
- 4 THE TIE BAR BETWEEN THE CURB & GUTTER AND THE BIKE LANE CAN BE ELIMINATED IF THE TWO ARE CONSTRUCTED MONOLITHICALLY.
- 5 CROSS SLOPE OF SHARED USE PATHS AND SIDEWALKS SHALL BE 1.5% NOMINAL, 2% MAX, AND 1% MIN.
- 6 BIKE LANES MATCH THE EXISTING AT THE TERMINI AND THEN MERGE INTO THE SHARED USE PATH.

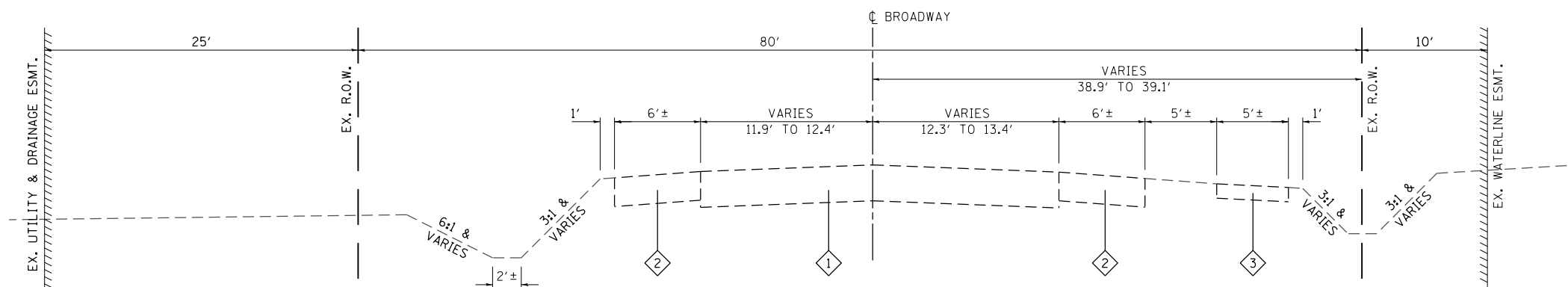


EXISTING ST. ROSE ROAD

STA 10+00.0 (IBERG RD) TO STA 16+00.0

TYPICAL SECTION LEGEND

- 1 EXISTING HMA PAVEMENT
- 2 EXISTING HOT-MIX ASPHALT SHOULDER
- 3 EXISTING PCC SIDEWALK 4"
- 4 EXISTING PCC PAVEMENT 8" (JOINTED)
- 5 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- 6 EXISTING SAWED LONGITUDINAL JOINT
- 7 EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- 8 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 9 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 2"
- 10 EXISTING AGGREGATE BASE COURSE, TYPE A, 6"
- 11 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 12 PROPOSED SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT, SEE HIGHWAY STANDARD 420001
- 13 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- 14 PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
- 15 PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- 16 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- 17 PROPOSED AGGREGATE BASE COURSE, TYPE A 4"
- 18 PROPOSED HMA SURFACE COURSE, MIX "C", N50, SPECIAL, 2"
- 19 PROPOSED BITUMINOUS MATERIALS PRIME COAT
- 20 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 21 PROPOSED TOPSOIL PLACEMENT, 4"
- 22 PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 15"
- 23 PROPOSED HMA SURFACE REMOVAL, (VARIABLE DEPTH)
- 24 PROPOSED HMA SURFACE COURSE, MIX "D", N70, SPECIAL, 2"
- 25 PROPOSED TACK COAT
- 26 PROPOSED AREA REFLECTIVE CRACK CONTROL
- 27 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C



EXISTING BROADWAY

STA 7+46.00 TO STA 10+00.0 (IBERG RD)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	7
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

MODEL: D:\delm... FILE NAME: P:\C\16176-Highland Roundabout\Mapstation\CADD\Drawings\201816176-SH-TYP-SEC.dgn

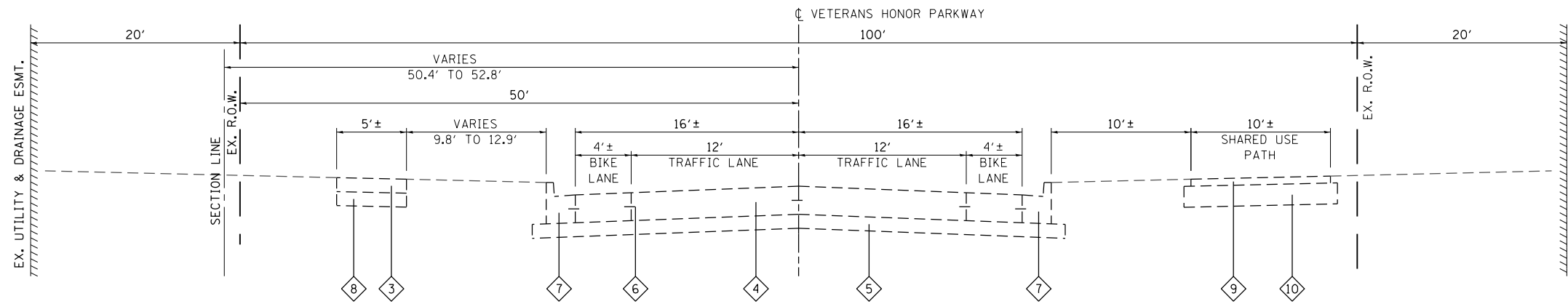


USER NAME = nlc.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

TYPICAL SECTION NOTES

- 1 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE WEST OF STATION 13+26.1.
- 2 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE FROM STATION 96+85.1 SOUTH TO N PORTE DR INTERSECTION.
- 3 OMIT SAWED LONGITUDINAL JOINT WHEN VARIABLE PAINTED MEDIAN WIDTH IS 2' OR LESS OR WHEN DISTANCE BETWEEN EDGE OF PAVEMENT AND CENTERLINE IS LESS THAN 16.5'.
- 4 THE TIE BAR BETWEEN THE CURB & GUTTER AND THE BIKE LANE CAN BE ELIMINATED IF THE TWO ARE CONSTRUCTED MONOLITHICALLY.
- 5 CROSS SLOPE OF SHARED USE PATHS AND SIDEWALKS SHALL BE 1.5% NOMINAL, 2% MAX, AND 1% MIN.
- 6 BIKE LANES MATCH THE EXISTING AT THE TERMINI AND THEN MERGE INTO THE SHARED USE PATH.

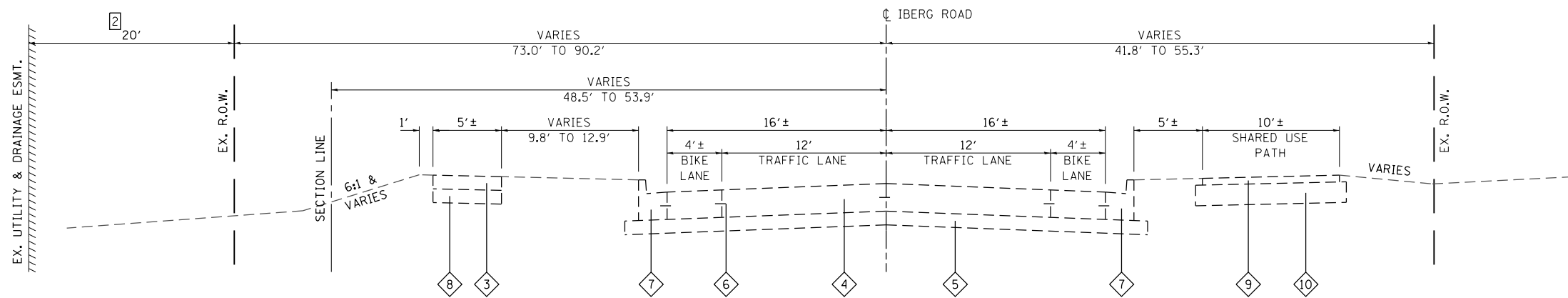


EXISTING VETERANS HONOR PARKWAY

STA 99+99.9 (BROADWAY) TO STA 103+10.0

TYPICAL SECTION LEGEND

- 1 EXISTING HMA PAVEMENT
- 2 EXISTING HOT-MIX ASPHALT SHOULDER
- 3 EXISTING PCC SIDEWALK 4"
- 4 EXISTING PCC PAVEMENT 8" (JOINTED)
- 5 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- 6 EXISTING SAWED LONGITUDINAL JOINT
- 7 EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- 8 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 9 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 2"
- 10 EXISTING AGGREGATE BASE COURSE, TYPE A, 6"
- 11 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 12 PROPOSED SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT, SEE HIGHWAY STANDARD 420001
- 13 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- 14 PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
- 15 PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- 16 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- 17 PROPOSED AGGREGATE BASE COURSE, TYPE A 4"
- 18 PROPOSED HMA SURFACE COURSE, MIX "C", N50, SPECIAL, 2"
- 19 PROPOSED BITUMINOUS MATERIALS PRIME COAT
- 20 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 21 PROPOSED TOPSOIL PLACEMENT, 4"
- 22 PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 15"
- 23 PROPOSED HMA SURFACE REMOVAL, (VARIABLE DEPTH)
- 24 PROPOSED HMA SURFACE COURSE, MIX "D", N70, SPECIAL, 2"
- 25 PROPOSED TACK COAT
- 26 PROPOSED AREA REFLECTIVE CRACK CONTROL
- 27 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C



EXISTING IBERG ROAD

STA 95+50.0 TO STA 99+99.9 (BROADWAY)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	8
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

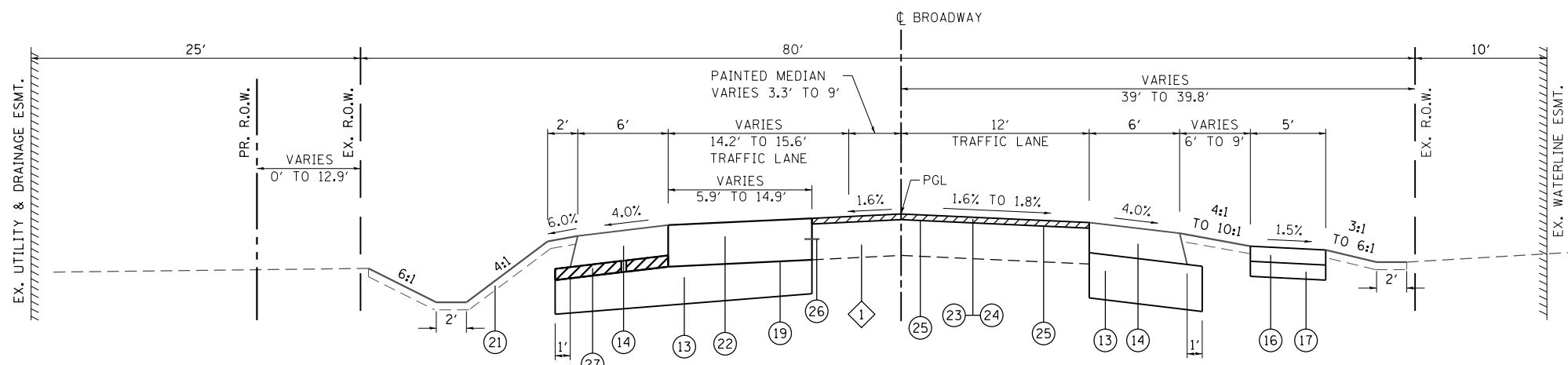
MODEL: D:\data\... FILE NAME: P:\CS\16176-Highland Roundabout\Mapstation\CADD\Drawings\0816176-SH-TYPICAL.dgn



USER NAME = nrick.moore	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 11/6/2018	DATE -	REVISED -

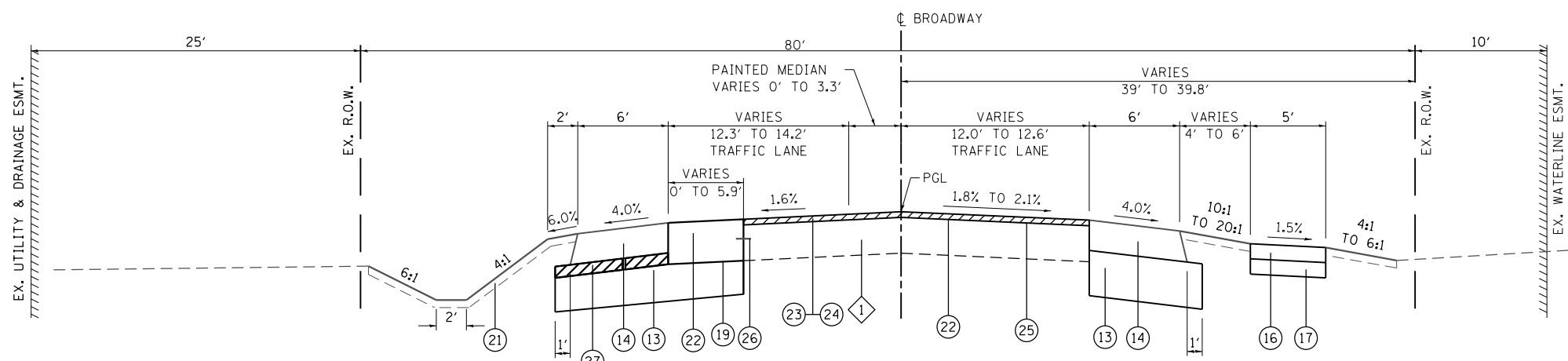
TYPICAL SECTION NOTES

- 1 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE WEST OF STATION 13+26.1.
- 2 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE FROM STATION 96+85.1 SOUTH TO N PORTE DR INTERSECTION.
- 3 OMIT SAWED LONGITUDINAL JOINT WHEN VARIABLE PAINTED MEDIAN WIDTH IS 2' OR LESS OR WHEN DISTANCE BETWEEN EDGE OF PAVEMENT AND CENTERLINE IS LESS THAN 16.5'.
- 4 THE TIE BAR BETWEEN THE CURB & GUTTER AND THE BIKE LANE CAN BE ELIMINATED IF THE TWO ARE CONSTRUCTED MONOLITHICALLY.
- 5 CROSS SLOPE OF SHARED USE PATHS AND SIDEWALKS SHALL BE 1.5% NOMINAL, 2% MAX, AND 1% MIN.
- 6 BIKE LANES MATCH THE EXISTING AT THE TERMINI AND THEN MERGE INTO THE SHARED USE PATH.



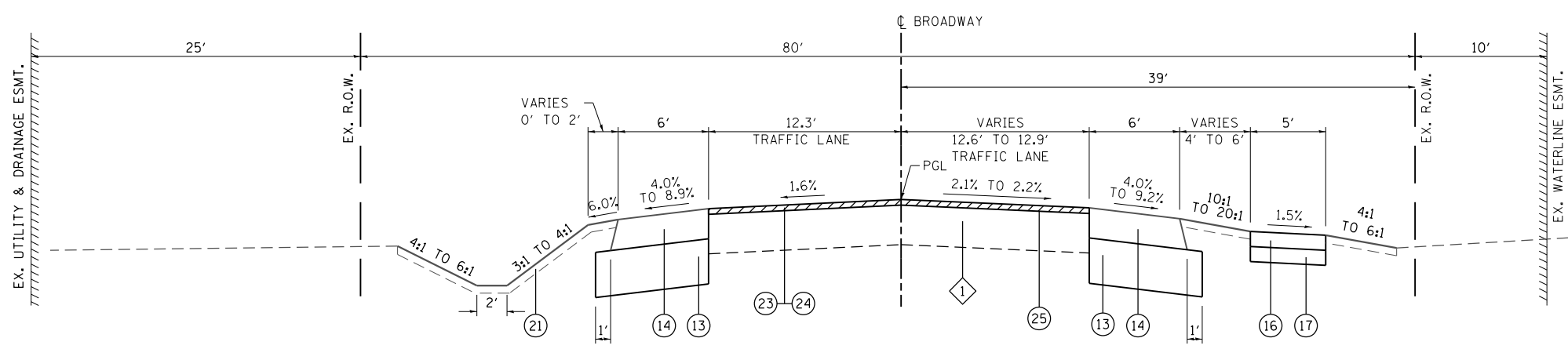
PROPOSED BROADWAY

SEE ROUNDABOUT DETAILS STA 8+40.1 TO STA 10+01.9
STA 8+04.4 TO STA 8+40.1



PROPOSED BROADWAY

STA 7+57.4 TO STA 8+04.4



PROPOSED BROADWAY

STA 7+46.0 TO STA 7+57.4

TYPICAL SECTION LEGEND

- 1 EXISTING HMA PAVEMENT
- 2 EXISTING HOT-MIX ASPHALT SHOULDER
- 3 EXISTING PCC SIDEWALK 4"
- 4 EXISTING PCC PAVEMENT 8" (JOINTED)
- 5 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- 6 EXISTING SAWED LONGITUDINAL JOINT
- 7 EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- 8 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 9 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 2"
- 10 EXISTING AGGREGATE BASE COURSE, TYPE A, 6"
- 11 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 12 PROPOSED SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT, SEE HIGHWAY STANDARD 420001
- 13 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- 14 PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
- 15 PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- 16 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- 17 PROPOSED AGGREGATE BASE COURSE, TYPE A 4"
- 18 PROPOSED HMA SURFACE COURSE, MIX "C", N50, SPECIAL, 2"
- 19 PROPOSED BITUMINOUS MATERIALS PRIME COAT
- 20 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 21 PROPOSED TOPSOIL PLACEMENT, 4"
- 22 PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 15"
- 23 PROPOSED HMA SURFACE REMOVAL, (VARIABLE DEPTH)
- 24 PROPOSED HMA SURFACE COURSE, MIX "D", N70, SPECIAL, 2"
- 25 PROPOSED TACK COAT
- 26 PROPOSED AREA REFLECTIVE CRACK CONTROL
- 27 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C

MODEL: D:\h\m\16176-Highland Roundabout\MicroStation\CADD Drawings\2018\16176-SB-12.dwg



USER NAME = nick.moore
DESIGNED -
DRAWN -
PLOT SCALE = 40,000' / 1"
CHECKED -
PLOT DATE = 11/6/2018

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS SHEET 3 OF 6 SHEETS STA. TO STA.

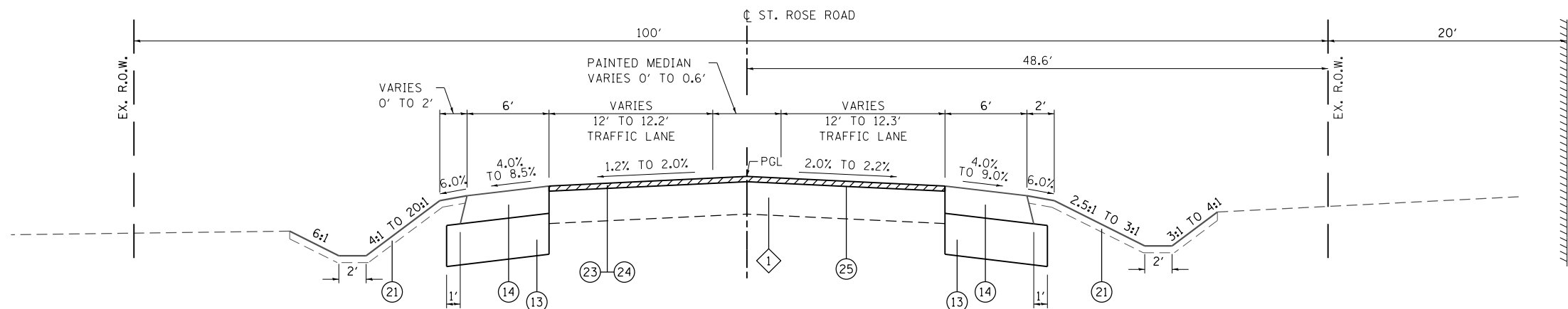
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	9
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION NOTES

- 1 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE WEST OF STATION 13+26.1.
- 2 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE FROM STATION 96+85.1 SOUTH TO N PORTE DR INTERSECTION.
- 3 OMIT SAWED LONGITUDINAL JOINT WHEN VARIABLE PAINTED MEDIAN WIDTH IS 2' OR LESS OR WHEN DISTANCE BETWEEN EDGE OF PAVEMENT AND CENTERLINE IS LESS THAN 16.5'.
- 4 THE TIE BAR BETWEEN THE CURB & GUTTER AND THE BIKE LANE CAN BE ELIMINATED IF THE TWO ARE CONSTRUCTED MONOLITHICALLY.
- 5 CROSS SLOPE OF SHARED USE PATHS AND SIDEWALKS SHALL BE 1.5% NOMINAL, 2% MAX, AND 1% MIN.
- 6 BIKE LANES MATCH THE EXISTING AT THE TERMINI AND THEN MERGE INTO THE SHARED USE PATH.

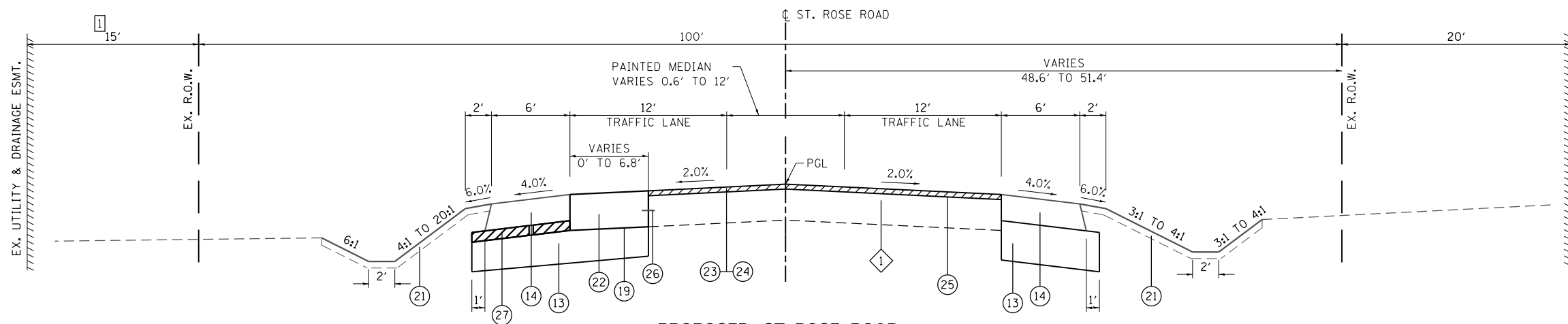
TYPICAL SECTION LEGEND

- 1 EXISTING HMA PAVEMENT
- 2 EXISTING HOT-MIX ASPHALT SHOULDER
- 3 EXISTING PCC SIDEWALK 4"
- 4 EXISTING PCC PAVEMENT 8" (JOINTED)
- 5 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- 6 EXISTING SAWED LONGITUDINAL JOINT
- 7 EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- 8 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 9 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 2"
- 10 EXISTING AGGREGATE BASE COURSE, TYPE A, 6"
- 11 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 12 PROPOSED SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT, SEE HIGHWAY STANDARD 420001
- 13 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- 14 PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
- 15 PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- 16 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- 17 PROPOSED AGGREGATE BASE COURSE, TYPE A 4"
- 18 PROPOSED HMA SURFACE COURSE, MIX "C", N50, SPECIAL, 2"
- 19 PROPOSED BITUMINOUS MATERIALS PRIME COAT
- 20 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 21 PROPOSED TOPSOIL PLACEMENT, 4"
- 22 PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 15"
- 23 PROPOSED HMA SURFACE REMOVAL, (VARIABLE DEPTH)
- 24 PROPOSED HMA SURFACE COURSE, MIX "D", N70, SPECIAL, 2"
- 25 PROPOSED TACK COAT
- 26 PROPOSED AREA REFLECTIVE CRACK CONTROL
- 27 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C



PROPOSED ST. ROSE ROAD

STA 14+50.0 TO STA 14+62.0



PROPOSED ST. ROSE ROAD

STA 12+82.0 TO STA 14+50.0
SEE ROUNDABOUT DETAILS STA 10+01.9 TO STA 12+82.0

MIXTURES TABLE

MIXTURE USE	SURFACE (HMA PAVT FD & HMA SC "D" N70)	BINDER	SURFACE (SHARED-USE PATH)	SHOULDER
THICKNESS	2"	13"	2"	8"
AC/PG	SBS PG 70-22	PG 64-22	PG 58-22	PG 64-22
RAP % (MAX)	*	*	*	*
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=30	4.0% @ Ndes=70
MIX COMPOSITION	IL-12.5	IL-19.0	IL-9.5	IL-19.0 BINDER IL - 9.5 SURFACE
FRICTION AGG	MIXTURE "D"	MIXTURE "D"	MIXTURE "C"	MIXTURE "D"
DENSITY TEST METHOD	CORES / NUCLEAR	CORES / NUCLEAR	CORES / NUCLEAR	CORES / NUCLEAR

* SEE SPECIAL PROVISIONS

STRUCTURAL DESIGN TRAFFIC:	YEAR:	2028
PV = 5,890	SU = 124	MU = 62
ROAD/STREET CLASSIFICATION:	CLASS:	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 97%	S = 2%	M = 1%
TRAFFIC FACTOR:	ACTUAL =	0.38
	MIN =	N/A
PG GRADE:	BINDER:	PG 64-22
	SURFACE:	PG 70-22
STRUCTURAL SUPPORT RATING:		
SSR =		POOR

MODEL: D:\info\Highland Roundabout\Information\CADD Drawings\DR16176-SB-17-12.dwg
FILE NAME: PROJ: 16176-Highland Roundabout\Information\CADD Drawings\DR16176-SB-17-12.dwg



USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

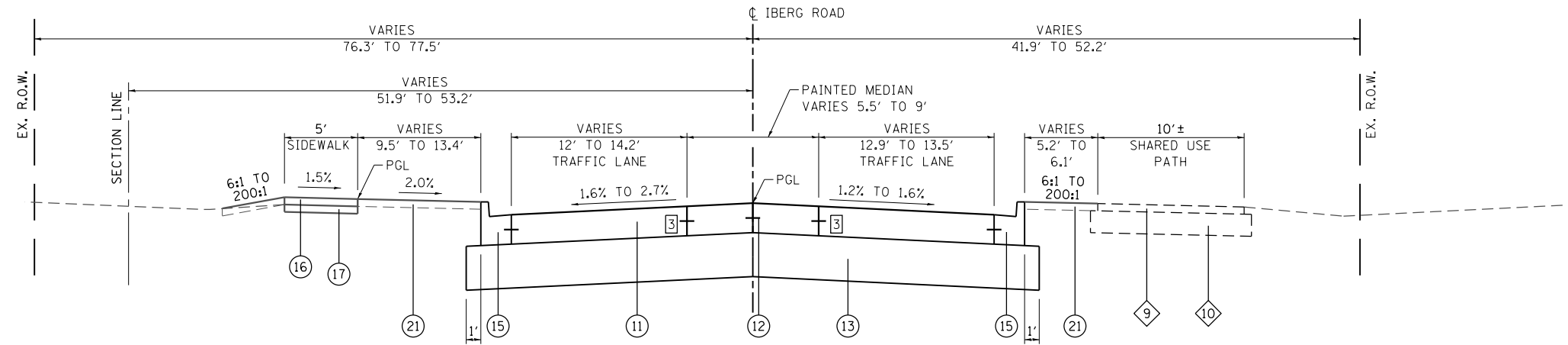
TYPICAL SECTIONS

SCALE: NTS SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-0070-00-PV	MADISON	55	10
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

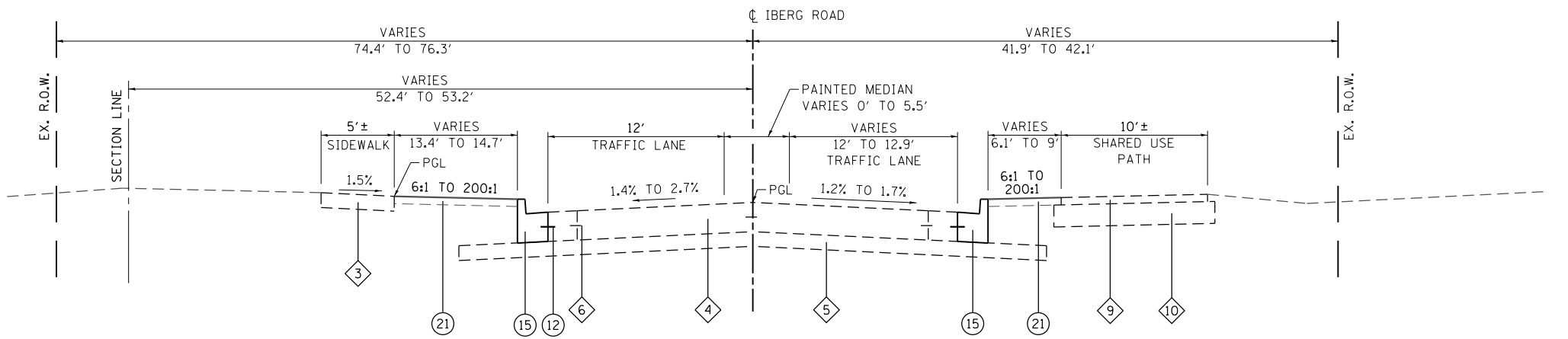
TYPICAL SECTION NOTES

- 1 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE WEST OF STATION 13+26.1.
- 2 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE FROM STATION 96+85.1 SOUTH TO N PORTE DR INTERSECTION.
- 3 OMIT SAWED LONGITUDINAL JOINT WHEN VARIABLE PAINTED MEDIAN WIDTH IS 2' OR LESS OR WHEN DISTANCE BETWEEN EDGE OF PAVEMENT AND CENTERLINE IS LESS THAN 16.5'.
- 4 THE TIE BAR BETWEEN THE CURB & GUTTER AND THE BIKE LANE CAN BE ELIMINATED IF THE TWO ARE CONSTRUCTED MONOLITHICALLY.
- 5 CROSS SLOPE OF SHARED USE PATHS AND SIDEWALKS SHALL BE 1.5% NOMINAL, 2% MAX, AND 1% MIN.
- 6 BIKE LANES MATCH THE EXISTING AT THE TERMINI AND THEN MERGE INTO THE SHARED USE PATH.



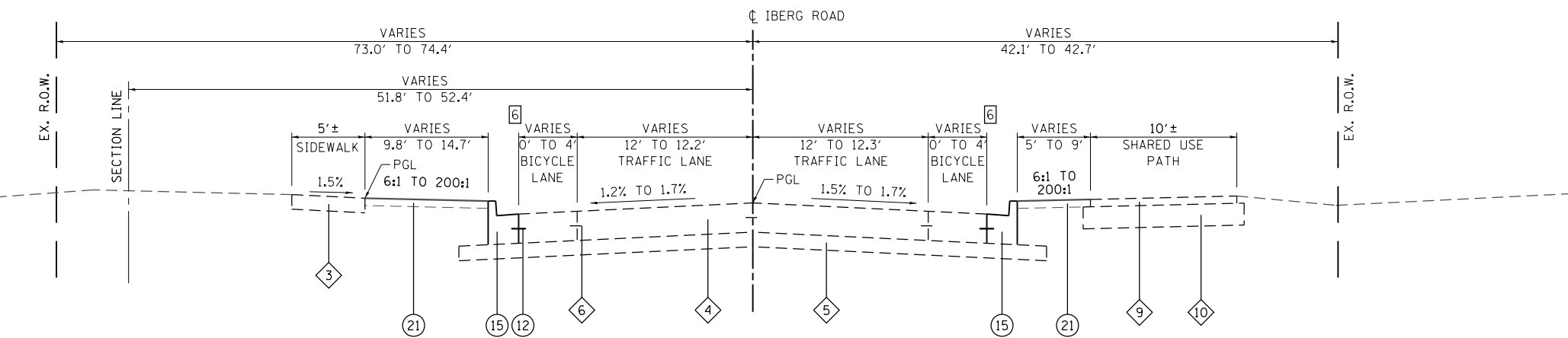
PROPOSED IBERG ROAD

SEE ROUNDABOUT DETAILS STA 99+00.0 TO STA 100+37.0
STA 98+30.0 TO STA 99+00.0



PROPOSED IBERG ROAD

STA 97+20.0 TO STA 98+30.0



PROPOSED IBERG ROAD

STA 96+86.0 TO STA 97+20.0

TYPICAL SECTION LEGEND

- 1 EXISTING HMA PAVEMENT
- 2 EXISTING HOT-MIX ASPHALT SHOULDER
- 3 EXISTING PCC SIDEWALK 4"
- 4 EXISTING PCC PAVEMENT 8" (JOINTED)
- 5 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- 6 EXISTING SAWED LONGITUDINAL JOINT
- 7 EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- 8 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 9 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 2"
- 10 EXISTING AGGREGATE BASE COURSE, TYPE A, 6"
- 11 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 12 PROPOSED SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT, SEE HIGHWAY STANDARD 420001
- 13 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- 14 PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
- 15 PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- 16 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- 17 PROPOSED AGGREGATE BASE COURSE, TYPE A 4"
- 18 PROPOSED HMA SURFACE COURSE, MIX "C", N50, SPECIAL, 2"
- 19 PROPOSED BITUMINOUS MATERIALS PRIME COAT
- 20 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 21 PROPOSED TOPSOIL PLACEMENT, 4"
- 22 PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 15"
- 23 PROPOSED HMA SURFACE REMOVAL, (VARIABLE DEPTH)
- 24 PROPOSED HMA SURFACE COURSE, MIX "D", N70, SPECIAL, 2"
- 25 PROPOSED TACK COAT
- 26 PROPOSED AREA REFLECTIVE CRACK CONTROL
- 27 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C

MODEL: D:\info\16176-Highland Roundabout\Microstation\CADD Drawings\2018\176-SH-TYPICAL.dgn



USER NAME = nlc.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

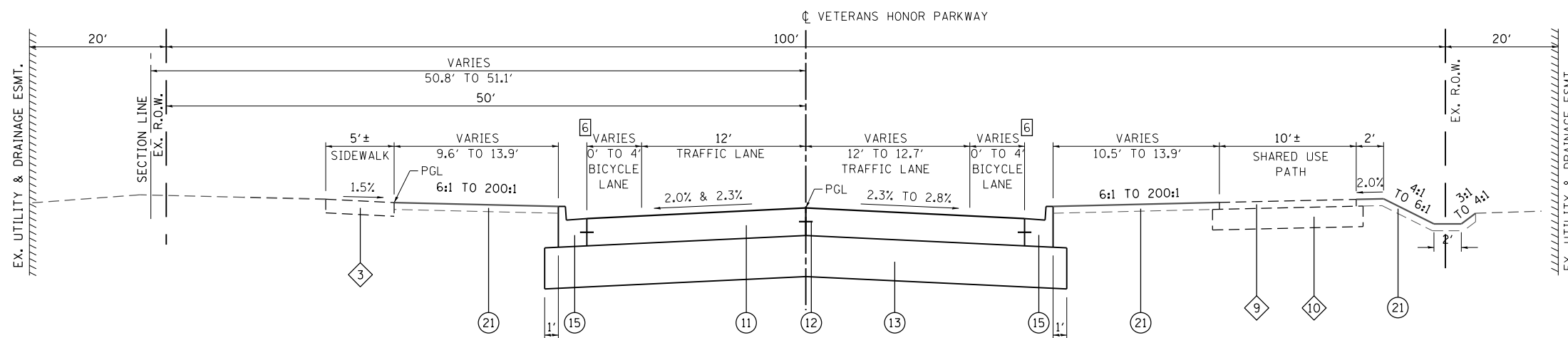
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: NTS	SHEET 5 OF 6 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	11
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION NOTES

- 1 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE WEST OF STATION 13+26.1.
- 2 EXISTING UTILITY & DRAINAGE EASEMENT ONLY AVAILABLE FROM STATION 96+85.1 SOUTH TO N PORTE DR INTERSECTION.
- 3 OMIT SAWED LONGITUDINAL JOINT WHEN VARIABLE PAINTED MEDIAN WIDTH IS 2' OR LESS OR WHEN DISTANCE BETWEEN EDGE OF PAVEMENT AND CENTERLINE IS LESS THAN 16.5'.
- 4 THE TIE BAR BETWEEN THE CURB & GUTTER AND THE BIKE LANE CAN BE ELIMINATED IF THE TWO ARE CONSTRUCTED MONOLITHICALLY.
- 5 CROSS SLOPE OF SHARED USE PATHS AND SIDEWALKS SHALL BE 1.5% NOMINAL, 2% MAX, AND 1% MIN.
- 6 BIKE LANES MATCH THE EXISTING AT THE TERMINI AND THEN MERGE INTO THE SHARED USE PATH.

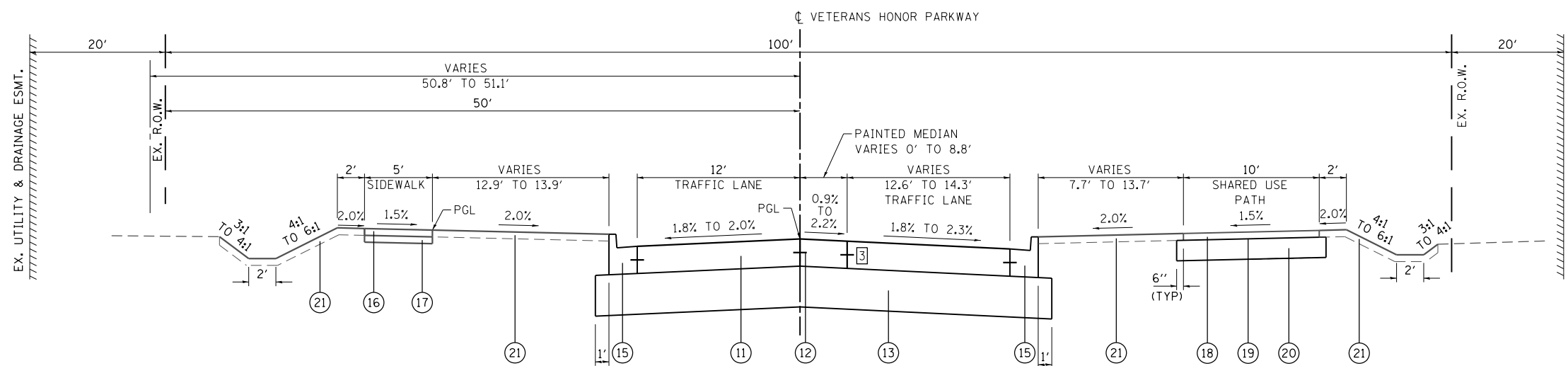


PROPOSED VETERANS HONOR PARKWAY

STA 102+36.5 TO STA 102+75.5

TYPICAL SECTION LEGEND

- 1 EXISTING HMA PAVEMENT
- 2 EXISTING HOT-MIX ASPHALT SHOULDER
- 3 EXISTING PCC SIDEWALK 4"
- 4 EXISTING PCC PAVEMENT 8" (JOINTED)
- 5 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- 6 EXISTING SAWED LONGITUDINAL JOINT
- 7 EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- 8 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 9 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 2"
- 10 EXISTING AGGREGATE BASE COURSE, TYPE A, 6"
- 11 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 12 PROPOSED SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT, SEE HIGHWAY STANDARD 420001
- 13 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- 14 PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
- 15 PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- 16 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- 17 PROPOSED AGGREGATE BASE COURSE, TYPE A 4"
- 18 PROPOSED HMA SURFACE COURSE, MIX "C", N50, SPECIAL, 2"
- 19 PROPOSED BITUMINOUS MATERIALS PRIME COAT
- 20 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 21 PROPOSED TOPSOIL PLACEMENT, 4"
- 22 PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 15"
- 23 PROPOSED HMA SURFACE REMOVAL, (VARIABLE DEPTH)
- 24 PROPOSED HMA SURFACE COURSE, MIX "D", N70, SPECIAL, 2"
- 25 PROPOSED TACK COAT
- 26 PROPOSED AREA REFLECTIVE CRACK CONTROL
- 27 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C



PROPOSED VETERANS HONOR PARKWAY

STA 101+71.4 TO STA 102+36.5
SEE ROUNDABOUT DETAILS STA 100+37.0 TO 101+71.4

MODEL: D:\delm\... FILE NAME: P:\C\16176-Highland Roundabout\Microstation\CADD\Drawings\20181116\SH-TYP-1.dgn



USER NAME = nick.moore
DESIGNED -
DRAWN -
PLOT SCALE = 40,0000' / 1"
CHECKED -
DATE = 11/6/2018

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	12
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

ENTRANCES

STATION	OFFSET	ENTRANCE TYPE	EXISTING SURFACE TYPE	AGG BASE CSE TA 4 (SQ YD)	AGGREGATE TEMP ACCESS (TON)	PCC DRIVEWAY PVT 6 (SQ YD)	DRIVEWAY PAVT REM (SQ YD)
BROADWAY							
7+82	RT	PE	CONC	24	8	24	25
12+49	RT	FE	EARTH				
IBERG							
97+72	LT	PE	CONC	22	7	22	12
98+55	LT	PE	CONC	15	5	15	15
TOTAL				61	20	61	52

SIDEWALK

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 1) (SQ FT)	AGG BASE CSE TA 4 (SQ YD)	DETECTABLE WARNINGS (NOTE 1) (SQ FT)	SIDEWALK REM (SQ FT)
BROADWAY						
7+46	9+55	RT				1,735
7+99	9+55	RT	2,086	227	40	
8+86	9+82	LT	1,407	152	40	
8+88	9+00	RT/LT	241		40	
9+65	9+75	LT				581
9+80	10+29	RT	104		40	
10+02	10+05	LT	178		40	
10+02	10+22	LT	92			
10+22	10+33	LT				395
10+49	10+53	RT				98
11+00	11+95	RT	651	68	40	
11+00	11+14	LT	211	19	40	
11+03	11+14	RT/LT	166		40	
TOTAL			5,136	466	320	2,809

SIDEWALK NOTES:

- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED. SEE PLAN SHEETS FOR LOCATIONS AND TYPES. SEE CONSTRUCTION DETAILS SHEET AND HIGHWAY STANDARD 424001 FOR CURB RAMP DETAILS.
- SIDEWALK QUANTITIES INCLUDE CONCRETE PADS FOR PARK BENCHES.

SEEDING

STATION	STATION	OFFSET	SEEDING CL 1A SP (ACRE)	MULCH METHOD 2 (NOTE 3) (ACRE)	NITROGEN FERT NUTR (NOTE 1) (POUND)	PHOSPHORUS FERT NUTR (NOTE 1) (POUND)	POTASIAM FERT NUTR (NOTE 1) (POUND)	TEMP EROS CNTL SEEDING (NOTE 2) (POUND)	TOPSOIL FURNISH & PLACE 4" (SQ YD)
BROADWAY									
7+46	9+96	LT	0.09	0.09	8	8	8	19	452
7+46	9+64	RT	0.09	0.09	8	8	8	17	403
8+39	9+26	RT/LT	0.02	0.02	2	2	2	5	1063
9+59	10+45	RT/LT	0.14	0.14	12	12	12	27	1166
10+02	14+62	LT	0.24	0.24	22	22	22	48	115
10+55	14+53	RT	0.22	0.22	20	20	20	44	658
10+80	12+82	RT/LT	0.03	0.03	3	3	3	6	141
IBERG									
96+85	99+00	LT	0.04	0.04	3	3	3	7	181
96+85	99+00	RT	0.03	0.03	3	3	3	6	164
99+00	99+59	LT/RT	0.01	0.01	1	1	1	2	166
101+13	101+71	LT/RT	0.01	0.01	1	1	1	3	221
101+71	102+75	LT	0.03	0.03	3	3	3	7	42
101+71	102+75	RT	0.05	0.05	4	4	4	9	68
TOTAL			1.0	1.0	90	90	90	200	4,840

SEEDING NOTES:

- THE APPLICATION RATE FOR FERTILIZER NUTRIENTS IS 90 LBS/ACRE FOR ESTIMATION PURPOSES.
- THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES 2 SEPARATE APPLICATIONS AT A RATE OF 100 LBS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER.
- THE APPLICATION RATE FOR MULCH METHOD 2 IS 2 TONS/ACRE.
- SEEDING QUANTITIES ROUNDED UP TO THE NEAREST ACRE.

EROSION CONTROL

STATION	STATION	OFFSET	EROSION CONTR BLANKET (SQ YD)	ABOVE GRADE INLT FLTR (EACH)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECTION (EACH)
BROADWAY						
7+31		LT				1
7+46	9+23	RT/LT			325	
9+00		RT				1
9+03	10+10	LT		3		
9+03	10+10	RT		3		
10+10	14+62	LT	124	1		
10+10	14+62	RT	159	3		
10+86	14+62	RT/LT			425	
IBERG						
97+60	99+57	RT/LT			300	
97+98	98+37	LT		3		
97+98	98+37	RT		3		
101+17	102+76	RT/LT			180	
TOTAL			284	16	1,230	2

EARTHWORK

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)
BROADWAY					
7+46	10+00	335	250	650	-400
10+00	14+62	1240	930	455	475
IBERG					
96+86	99+00	130	90		90
101+71	102+76	310	230	25	205
TOTAL		2,015	1,500	1,130	370

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 25%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

MODEL: D:\delin\... FILE NAME: ... ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = nick.moore
DESIGNED -
DRAWN -
PLOT SCALE = 40,000' / 1"
CHECKED -
DATE -

REVISOR -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

SCHEDULES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	13
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

PAVEMENT

STATION	STATION	OFFSET	SUB GRAN MAT A 12 (SQ YD)	AGG BASE CSE TA 6 (SQ YD)	BIT MATLS PR CT (POUND)	BIT MATLS TACK CT (POUND)	HMA SC MIX C N50 (NOTE 1) (TON)	HMA SC MIX D N70 (NOTE 1) (TON)	HMA PAVT FD 15 (NOTE 1) (SQ YD)	CONC PAVER PAVEMENT (SQ YD)	PCC PAVT 8 IN JOINTED (SQ YD)	AREA REF CR CON TREAT (SQ YD)	HMA SHOULDER 8 (SQ YD)
BROADWAY													
7+46	10+01	RT/LT	1,866										
7+46	8+41	RT/LT				112	28					247	
7+57	8+40	LT			341			49				49	93
8+39	8+88	RT/LT			220								98
8+39	12+82	RT/LT								1,855			
9+40	10+63	RT/LT							572				
10+01	14+62	RT/LT	3,211										
10+02	11+04	LT		235	481		24						
10+61	11+06	RT/LT		110	231		12						
11+29	14+62	LT			494								190
11+80	14+62	RT			427								220
12+82	14+46	RT			88			32				32	
12+82	14+55	LT			130			48				48	
12+82	14+62	RT/LT				221		55				490	
IBERG													
98+30	99+00	RT/LT	312						67	494			
101+71	102+75	RT/LT	418						27	555			
TOTAL			5,807	345	2,412	333	36	83	129	666	2,904	866	601

PAVEMENT NOTES:

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:
 HOT-MIX ASPHALT: .056 TON/SQ YD/IN
 BIT MATLS PRIME COAT (AGG BASE): .25 LB/SQ FT
 BIT MATLS TACK COAT (HMA LIFTS): .025 LB/SQ FT
 BIT MATLS TACK COAT (MILLED HMA): 0.05 LB/SQ FT

PAVEMENT MARKING

STATION	STATION	EPOXY PVT MK LETTERS & SYMBOLS (SQ FT)	EPOXY PVT MK LINE 4 (FOOT)	EPOXY PVT MK LINE 12 (FOOT)	EPOXY PVT MK LINE 24 (FOOT)	PAINT CURB (FOOT)	CURB REFLECTORS (EACH)	RAISED REFL PAVT MKR (EACH)	PVT MRKG REM WTR BL (SQ FT)
BROADWAY									
3+57	7+46		777						94
7+46	9+23		959	41	83	210	14		
9+23	11+14	16	417	44	229	255	28		
11+14	14+62		1707	113		423	18	9	
14+62	18+62		674						97
IBERG									
93+20	97+20	11	839						
93+20	98+30								217
97+20	102+23	16	1707	147					
102+23	106+41	11	836						
102+76	106+41								143
TOTAL		54	7,916	345	312	888	60	9	551

PAVEMENT MARKING NOTES:

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.
- SEE HIGHWAY STANDARD 781001 FOR RAISED REFLECTIVE PAVEMENT MARKING STANDARDS
 CURB REFLECTOR QUANTITY INCLUDES THE FOLLOWING TYPES:
 52 EACH ONE-WAY AMBER REFLECTORS
 8 EACH ONE-WAY CRYSTAL REFLECTORS
 60 EACH TOTAL

PAVEMENT REMOVAL

STATION	STATION	OFFSET	HMA SURF REM BUTT JT (SQ YD)	TEMPORARY RAMP (SQ YD)	PAVEMENT REMOVAL (SQ YD)	HMA SURF REM VARIABLE DEPTH (SQ YD)	HMA SURF REM 2 (SQ YD)	PAVED SHOULDER REMOVAL (SQ YD)
BROADWAY								
7+46	8+41	RT/LT	19	19		230		
7+46	8+28	LT						52
7+46	9+32	RT						120
7+49	10+01	RT/LT			1,368			
10+01	12+82	RT/LT			1,472			
10+82	14+62	LT						247
11+16	14+62	RT						242
12+82	14+62	RT/LT	18	18		471		
IBERG								
98+30	99+00	RT/LT			422			
98+97	99+37	RT					45	
100+75	102+10	RT					159	
101+71	102+75	RT/LT			251			
TOTAL			37	37	3,513	701	204	661

CURB & GUTTER

STATION	STATION	OFFSET	CONC CURB TB (FOOT)	COMB CC&G TB 6.18 VWGF (FOOT)	COMB CC&G TB 6.24 (FOOT)	COMB CC&G TB 9.12 (FOOT)	COMB CC&G TM 2.12 (FOOT)	COMB CC&G TM 2.24 (FOOT)	COMB CURB GUTTER REM (FOOT)
BROADWAY									
8+39	9+26	LT/RT		199					
8+57	9+93	LT							217
8+98	9+29	LT			31				
9+00	9+65	RT			141				
9+28	9+97	LT	105						
9+29	9+99	LT						109	
9+31	9+69	RT							117
9+40	10+63	LT/RT					383		
9+58	10+47	LT/RT				276			
9+74	10+31	RT		129					
9+95	10+01	LT		140					
10+01	10+65	LT							179
10+02	11+03	LT			166				
10+50	11+68	RT						177	
10+52	11+67	RT	168						
10+53	11+16	RT							129
10+53	10+50	RT			12				
10+80	12+82	LT/RT		125					
IBERG									
96+86	99+00	LT			213				214
96+86	99+00	RT			215				214
101+74	102+75	LT			101				104
101+71	102+75	RT			105				104
TOTAL			273	593	984	276	383	286	1,278

MODEL: D:\delin\... FILE NAME: P:\1676-Highland Roundabout\Information\CADD\Drawings\DR16176-SH-Schedule.dgn



USER NAME = nrick.moore
 PLOT SCALE = 40,0000' / 1"
 PLOT DATE = 11/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULES
 SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 8846	SECTION 17-00070-00-PV	COUNTY MADISON	TOTAL SHEETS 55	SHEET NO. 14
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

SIGN

STATION	OFFSET	TYPE	DESCRIPTION	SIZE		SIGN PANEL T1 (SQ FT)	REMOV SIN PAN ASSY TA (EACH)	METAL POST TY B (NOTE 1) (FOOT)	RELOC SIGN PANEL TY A (SQ FT)	REMOVE & RELOC SIGN SPL
				(IN X IN)	(SQ FT)					
BROADWAY										
5+40	RT	W2-6	CIRCULAR INTERSECTION	30	30	6.25		16		
	RT	W13-1P	ADVISORY SPEED PLAQUE	18	18	2.25				
7+47	RT		EX PED/BIKE WARNING SIGN WITH TRAIL XING				1			
8+39	LT		EX SPEED LIMIT SIGN				1			
8+14	RT	W3-2	YIELD AHEAD SIGN	30	30	6.25		15		
8+45	LT	R4-7	KEEP RIGHT SIGN	24	30	5.00		14		
8+84	LT	R1-1	STOP SIGN (SHIELDED FROM TRAFFIC)	18	18	2.25		14		
8+88	RT	W11-2	PEDESTRIAN WARNING SIGN	30	30	6.25		16		
	RT	W16-7pL	DIAGONAL ARROW PLAQUE	24	12	2.00				
9+01	LT	W11-2	PEDESTRIAN WARNING SIGN	30	30	6.25		16		
	LT	W16-7pL	DIAGONAL ARROW PLAQUE	24	12	2.00				
9+04	RT	R1-1	STOP SIGN (SHIELDED FROM TRAFFIC)	18	18	2.25		14		
9+13	RT	R1-2	YIELD SIGN	36	36	4.50		15		
	RT	R5-1	DO NO ENTER SIGN	30	30	6.25				
9+18	LT	D1-1e	EXIT GUIDE SIGN	48	18	6.00		13		
9+64	RT	R6-1r	ONE WAY SIGN	36	12	3.00		14		
	RT	R6-4a	DIRECTIONAL ARROW SIGN	48	24	8.00				
10+34	LT		NO MOTOR VEHICLES				1			
10+37	LT		EX STREET NAME SIGNS				1			
10+40	LT		WELCOME TO HIGHLAND SIGN							1
10+41	LT	R6-1r	ONE WAY SIGN	36	12	3.00		14		
	LT	R-6-4a	DIRECTIONAL ARROW SIGN	48	24	8.00				
10+51	LT		EX BIKE / PED WARNING/ DIAGONAL ARROW				1			
10+87	RT	D1-1e	EXIT GUIDE SIGN	48	24	8.00		13		
10+93	LT	R1-2	YIELD SIGN	36	36	4.50		15		
	LT	R5-1	DO NOT ENTER SIGN	30	30	6.25				
11+00	LT	R1-1	STOP SIGN (SHIELDED FROM TRAFFIC)	18	18	2.25		14		
11+02	RT	W11-2	PEDESTRIAN WARNING SIGN	30	30	6.25		16		
	RT	W16-7pL	DIAGONAL ARROW PLAQUE	24	12	2.00				
11+07	RT	D11-1	BIKE ROUTE SIGN	24	18	3.00		13		
11+07	RT	M6-1	ARROW SIGN	21	15	2.19		12		
11+16	LT	W11-2	PEDESTRIAN WARNING SIGN	30	30	6.25		16		
	LT	W16-7pL	DIAGONAL ARROW PLAQUE	24	12	2.00				
11+18	RT	R1-1	STOP SIGN (SHIELDED FROM TRAFFIC)	18	18	2.25		14		
11+91	LT	W3-2	YIELD AHEAD SIGN	30	30	6.25		15		
12+76	CL	R4-7	KEEP RIGHT SIGN	24	30	5.00		14		
14+71	LT	W2-6	CIRCULAR INTERSECTION	30	30	6.25		16		
	LT	W13-1P	ADVISORY SPEED PLAQUE	18	18	2.25				
BROADWAY SUB TOTAL:						144	5	319		1

SIGN

STATION	OFFSET	TYPE	DESCRIPTION	SIZE		SIGN PANEL T1 (SQ FT)	REMOV SIN PAN ASSY TA (EACH)	METAL POST TY B (NOTE 1) (FOOT)	RELOC EX SIGN PANEL TY A (SQ FT)	REM / REL SIGN SPECIAL
				(FT X FT)	(SQ FT)					
IBERG ROAD										
96+16	RT	W2-6	CIRCULAR INTERSECTION	30	30	6.25		16		
	RT	W13-1P	ADVISORY SPEED PLAQUE	18	18	2.25				
97+03	LT		BIKE LANE SIGN							3
98+02	LT		SPEED LIMIT SIGN							6
98+41	RT	R4-11	BICYCLE MAY US FULL LANE SIGN	30	30	6.25		14		
99+06	CL	R4-7	KEEP RIGHT SIGN	24	30	5.00		14		
99+22	RT	W11-2	PEDESTRIAN WARNING SIGN	30	30	6.25		16		
	RT	W16-7pL	DIAGONAL ARROW PLAQUE	24	12	2.00				
99+22	LT	R1-1	STOP SIGN (SHIELDED FROM TRAFFIC)	18	18	2.25		14		
99+31	RT		EX STOP SIGN AND TRAFFIC WARNING SIGN				1			
99+34	RT		EX STOP/ STREET NAME/ XING WARNING SIGN				1			
99+37	RT	R1-1	STOP SIGN (SHIELDED FROM TRAFFIC)	18	18	2.25		14		
99+40	RT	R1-2	YIELD SIGN	36	36	4.50		15		
	RT	R5-1	DO NOT ENTER SIGN	30	30	6.25				
99+40	LT	W11-2	PEDESTRIAN WARNING SIGN	30	30	6.25		16		
	LT	W16-7pL	DIAGONAL ARROW PLAQUE	24	12	2.00				
99+41	RT	W3-2	YIELD AHEAD SIGN	30	30	6.25		15		
99+51	RT		EX BIKE /PED WARN/ DIAGONAL ARROW SIGN				1			
99+52	LT	D1-1e	EXIT GUIDE SIGN	36	24	6.00		13		
99+98	RT	R6-1r	ONE WAY SIGN	36	12	3.00		14		
	RT	R6-4a	DIRECTIONAL ARROW SIGN	48	24	8.00				
100+62	RT		EX STOP SIGN				1			
100+77	LT	R6-1r	ONE WAY SIGN	36	12	3.00		14		
	LT	R6-4a	DIRECTIONAL ARROW SIGN	48	24	8.00				
100+88	LT		EX STOP SIGN				1			
100+95	LT		EX ADVERTISEMENT SIGN				1			
101+22	RT	D1-1e	EXIT GUIDE SIGN	42	36	10.50		24		
101+31	LT	R1-2	YIELD SIGN	36	36	4.50		15		
	LT	R5-1	DO NOT ENTER SIGN	30	30	6.25				
101+36	LT	R1-1	STOP SIGN (SHIELDED FROM TRAFFIC)	18	18	2.25		14		
101+38	RT	W11-2	PEDESTRIAN WARNING SIGN	30	30	6.25		16		
	RT	W16-7pL	DIAGONAL ARROW PLAQUE	24	12	2.00				
101+51	LT	W11-2	PEDESTRIAN WARNING SIGN	30	30	6.25		16		
	LT	W16-7pL	DIAGONAL ARROW PLAQUE	24	12	2.00				
101+53	RT	R1-1	STOP SIGN (SHIELDED FROM TRAFFIC)	18	18	2.25		14		
101+66	RT	R4-7	KEEP RIGHT SIGN	24	30	5.00		14		
102+29	LT	W3-2	YIELD AHEAD SIGN	30	30	6.25		16		
102+45	LT		EX BIKE /PED WARN/ TRAIL AHEAD SIGN				1			
102+64	LT	R4-11	BICYCLE MAY US FULL LANE SIGN	30	30	6.25		14		
105+04	LT	W2-6	CIRCULAR INTERSECTION	30	30	6.25		15		
	LT	W13-1P	ADVISORY SPEED PLAQUE	18	18	2.25				
IBERG ROAD SUB TOTAL:						154	7	333	9	
TOTAL:						298	12	652	9	1

SIGN NOTES:

- SEE SPECIAL PROVISION "EXPANSION JOINTS" FOR PLACEMENT IN PCC SIDEWALK.

MODEL: D:\info\... FILE NAME: P:\16176-Highland Roundabout\MicroStation\CADD\Drawings\DR16176-SignSchedule.dgn



USER NAME = nick.moore
DESIGNED -
DRAWN -
PLOT SCALE = 40,0000' / 1"
CHECKED -
PLOT DATE = 11/06/2018
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

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

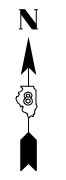
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	15
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

PLAN SHEET LEGEND

- PROPOSED PCC SIDEWALK
- PROPOSED HMA PAVEMENT (FULL-DEPTH)
- PROPOSED HMA SURFACE COURSE
- TRUCK APRON
- CONSTRUCTION LIMITS
- ABOVE GRADE INLET FILTERS
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

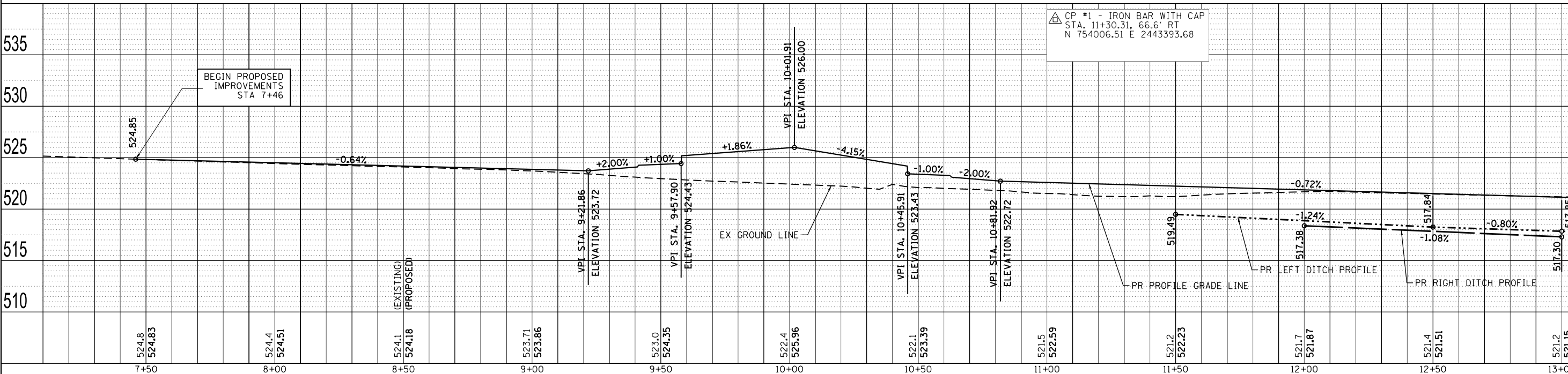
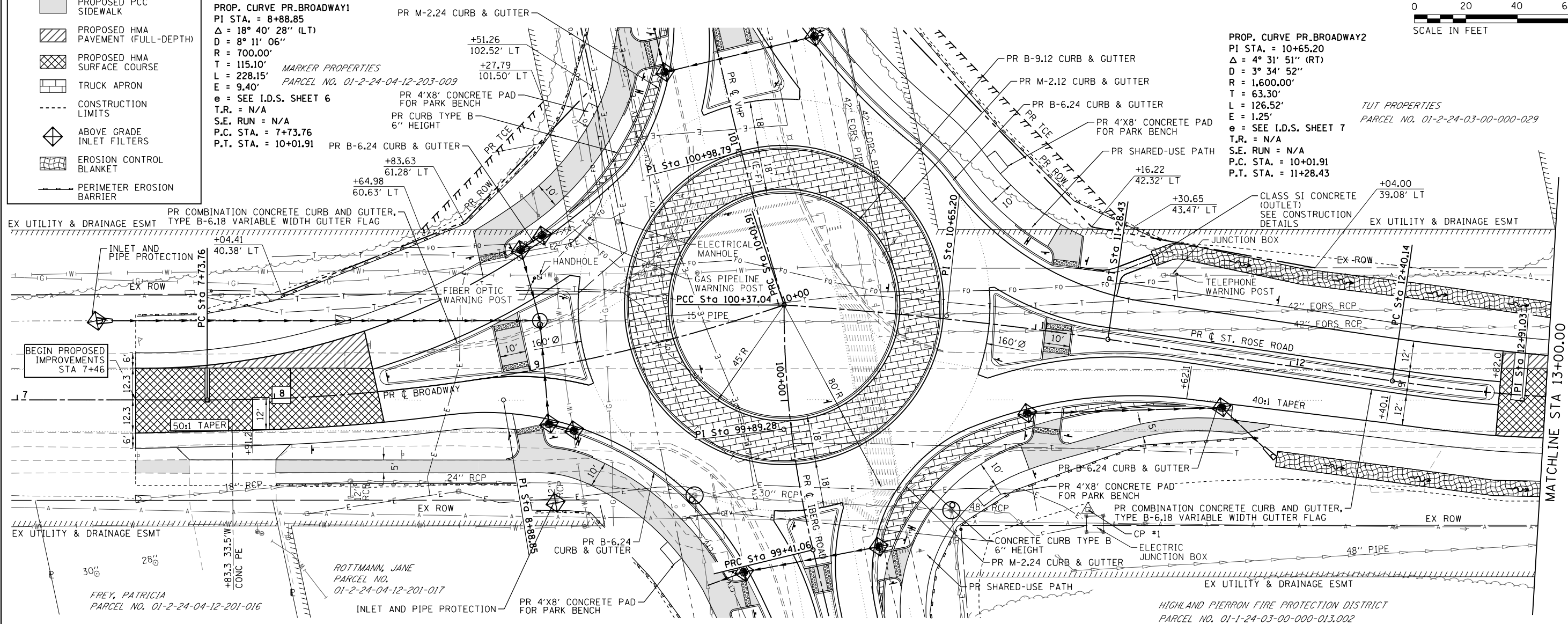
PROP. CURVE PR_BROADWAY1
 PI STA. = 8+88.85
 $\Delta = 18^\circ 40' 28''$ (LT)
 $D = 8^\circ 11' 06''$
 $R = 700.00'$
 $T = 115.10'$
 $L = 228.15'$
 $E = 9.40'$
 e = SEE I.D.S. SHEET 6
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 7+73.76
 P.T. STA. = 10+01.91

PROP. CURVE PR_BROADWAY2
 PI STA. = 10+65.20
 $\Delta = 4^\circ 31' 51''$ (RT)
 $D = 3^\circ 34' 52''$
 $R = 1,600.00'$
 $T = 63.30'$
 $L = 126.52'$
 $E = 1.25'$
 e = SEE I.D.S. SHEET 7
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 10+01.91
 P.T. STA. = 11+28.43



DATE	
BY	
PLAN	
REVIEWED	
PLOTTED	
ALIGNMENT CHECKED	
ASPHALT CHECKED	
CONCRETE CHECKED	
NO. _____	

DATE	
BY	
PROFILE	
REVIEWED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATING CHECKED	
NO. _____	



7+50	8+00	8+50	9+00	9+50	10+00	10+50	11+00	11+50	12+00	12+50	13+00										
524.8	524.83	524.4	524.51	523.71	523.86	523.0	524.35	522.4	525.96	522.1	523.39	521.5	522.99	521.2	522.23	521.7	521.87	521.4	521.51	521.2	521.15



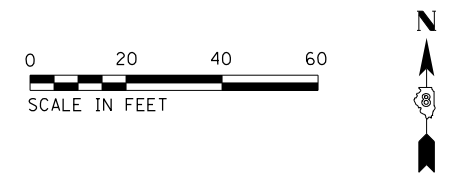
USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEETS
 SCALE: 1"=20'
 SHEET 1 OF 4 SHEETS
 STA. 7+50 TO STA. 13+00

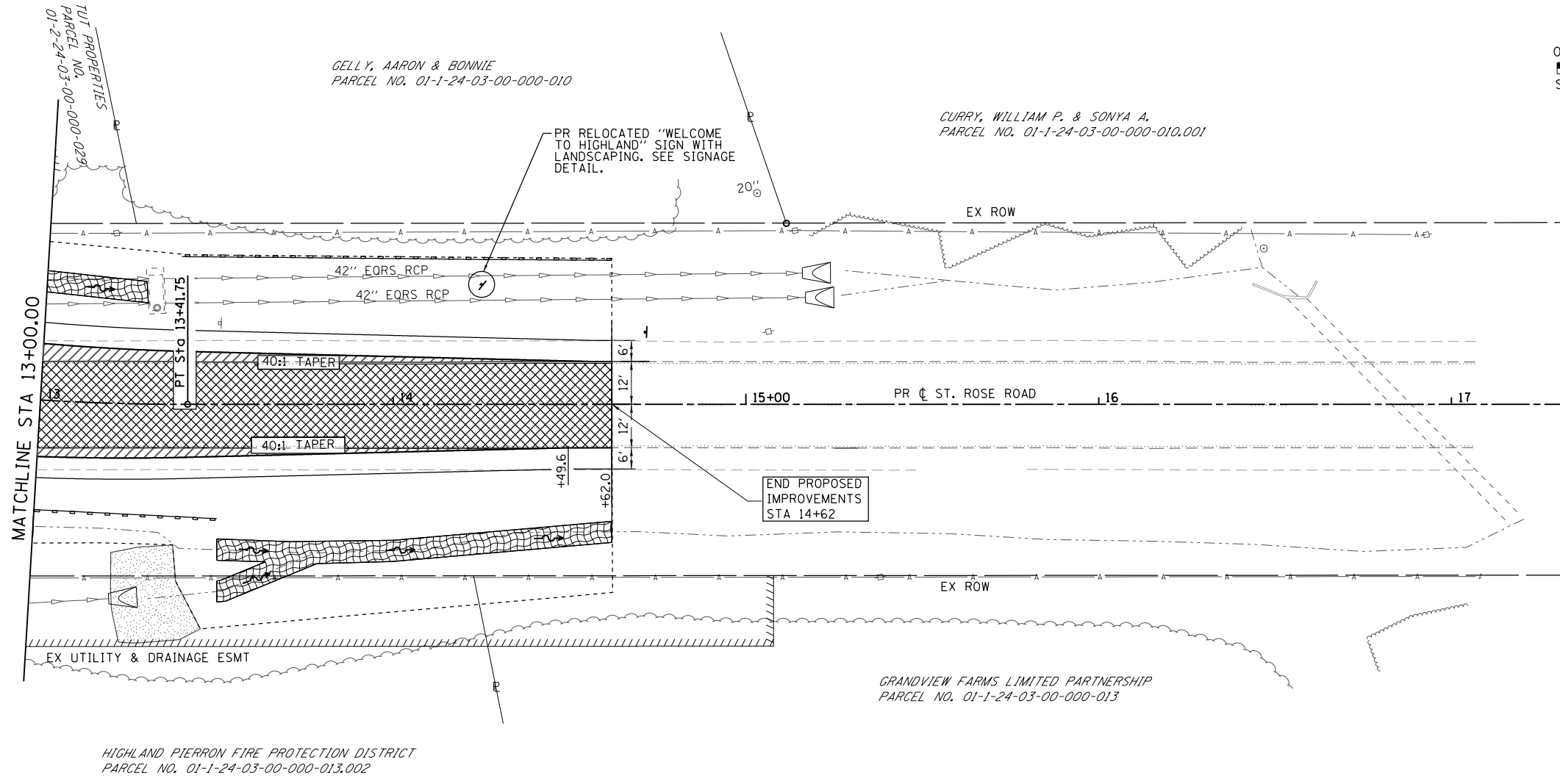
F.A.U. RTE. 8846	SECTION 17-00070-PV	COUNTY MADISON	TOTAL SHEETS 55	SHEET NO. 16
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

PROP. CURVE PR_BROADWAY3
 PI STA. = 12+91.03
 $\Delta = 8^\circ 18' 59''$ (LT)
 $D = 8^\circ 11' 06''$
 $R = 700.00'$
 $T = 50.89'$
 $L = 101.61'$
 $E = 1.85'$
 $e = \text{SEE I.D.S SHEET 7}$
 T.R. = N/A
 P.C. STA. = 12+40.14
 P.T. STA. = 13+41.75



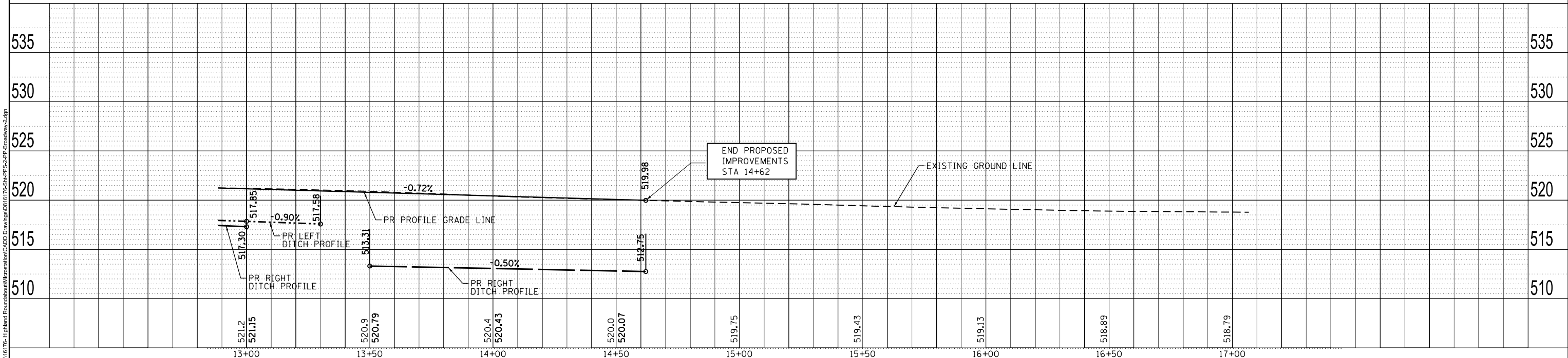
DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	



PLAN SHEET LEGEND

- PROPOSED PCC SIDEWALK
- PROPOSED HMA PAVEMENT (FULL-DEPTH)
- PROPOSED HMA SURFACE COURSE
- TRUCK APRON
- CONSTRUCTION LIMITS
- ABOVE GRADE INLET FILTERS
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER



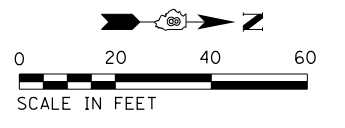
MODEL: Default
 FILE NAME: H:\16-76-Highland Road\about\Information\CADD\Drawings\01-1-24-03-00-000-013-002-Profile.dgn
 OATES ASSOCIATES
 www.oatesassociates.com
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

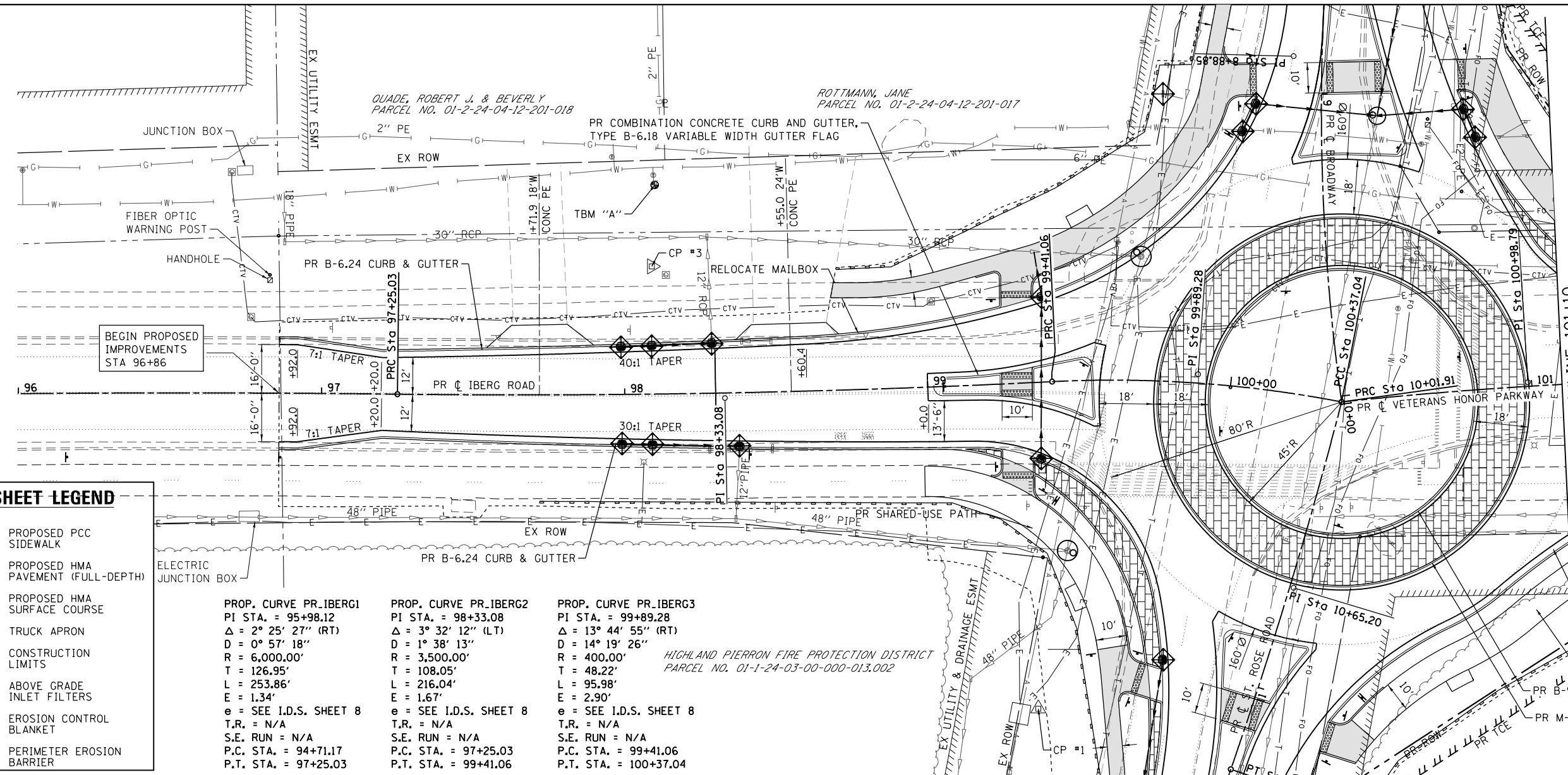
PLAN & PROFILE SHEETS
 SCALE: 1"=20'
 SHEET 2 OF 4 SHEETS
 STA. 13+00 TO STA. 17+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	17
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



PLAN	DATE
BY	
REVIEWED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

PROFILE	DATE
BY	
REVIEWED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATING CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	



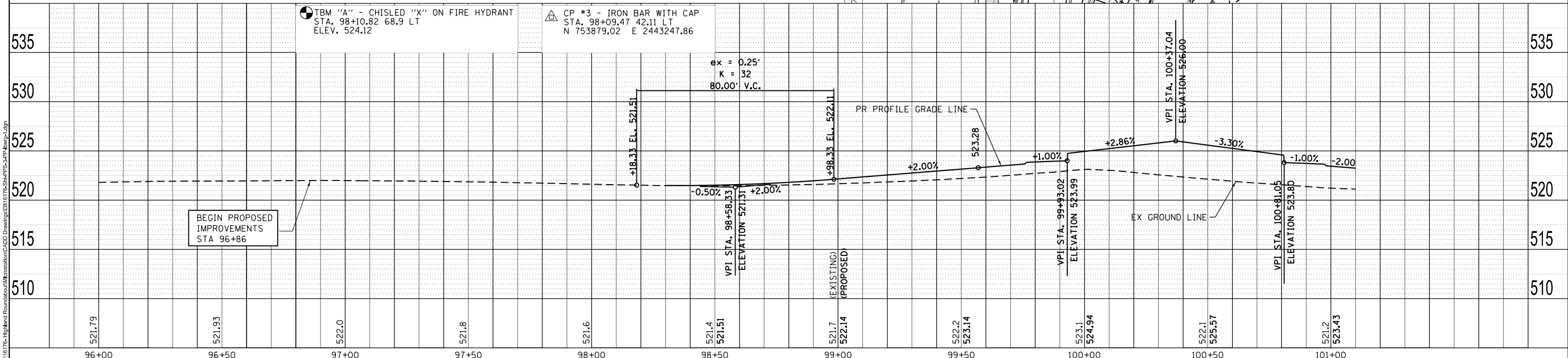
PLAN SHEET LEGEND

- PROPOSED PCC SIDEWALK
- PROPOSED HMA PAVEMENT (FULL-DEPTH)
- PROPOSED HMA SURFACE COURSE
- TRUCK APRON
- CONSTRUCTION LIMITS
- ABOVE GRADE INLET FILTERS
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

PROP. CURVE PR_IBERG1
 PI STA. = 95+98.12
 $\Delta = 2^\circ 25' 27''$ (RT)
 $D = 0^\circ 57' 18''$
 $R = 6,000.00'$
 $T = 126.95'$
 $L = 253.86'$
 $E = 1.34'$
 $e =$ SEE I.D.S. SHEET 8
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 94+71.17$
 $P.T. STA. = 97+25.03$

PROP. CURVE PR_IBERG2
 PI STA. = 98+33.08
 $\Delta = 3^\circ 32' 12''$ (LT)
 $D = 1^\circ 38' 13''$
 $R = 3,500.00'$
 $T = 108.05'$
 $L = 216.04'$
 $E = 1.67'$
 $e =$ SEE I.D.S. SHEET 8
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 97+25.03$
 $P.T. STA. = 99+41.06$

PROP. CURVE PR_IBERG3
 PI STA. = 99+89.28
 $\Delta = 13^\circ 44' 55''$ (RT)
 $D = 14^\circ 19' 26''$
 $R = 400.00'$
 $T = 48.22'$
 $L = 95.98'$
 $E = 2.90'$
 $e =$ SEE I.D.S. SHEET 8
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 99+41.06$
 $P.T. STA. = 100+37.04$



521.79	521.93	522.0	521.8	521.6	521.4	521.51	521.7 (EXISTING)	522.14 (PROPOSED)	522.2	523.14	523.1	524.94	522.1	525.57	521.2	523.43
96+00	96+50	97+00	97+50	98+00	98+50	99+00	99+50	100+00	100+50	101+00						

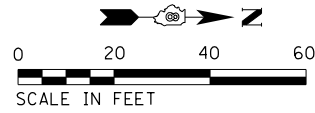
OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = rick.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE SHEETS
 SCALE: 1"=20'
 SHEET 3 OF 4 SHEETS
 STA. 96+00 TO STA. 101+10

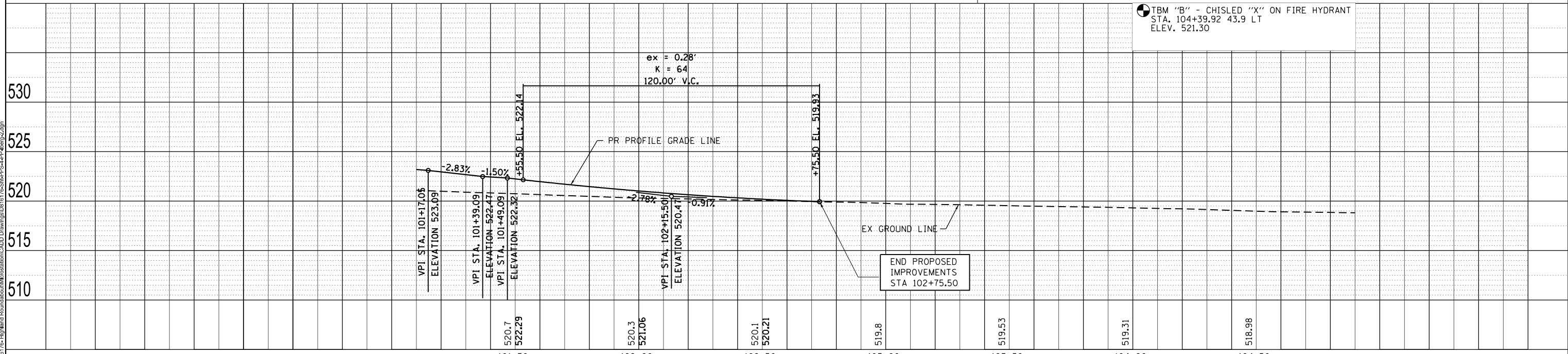
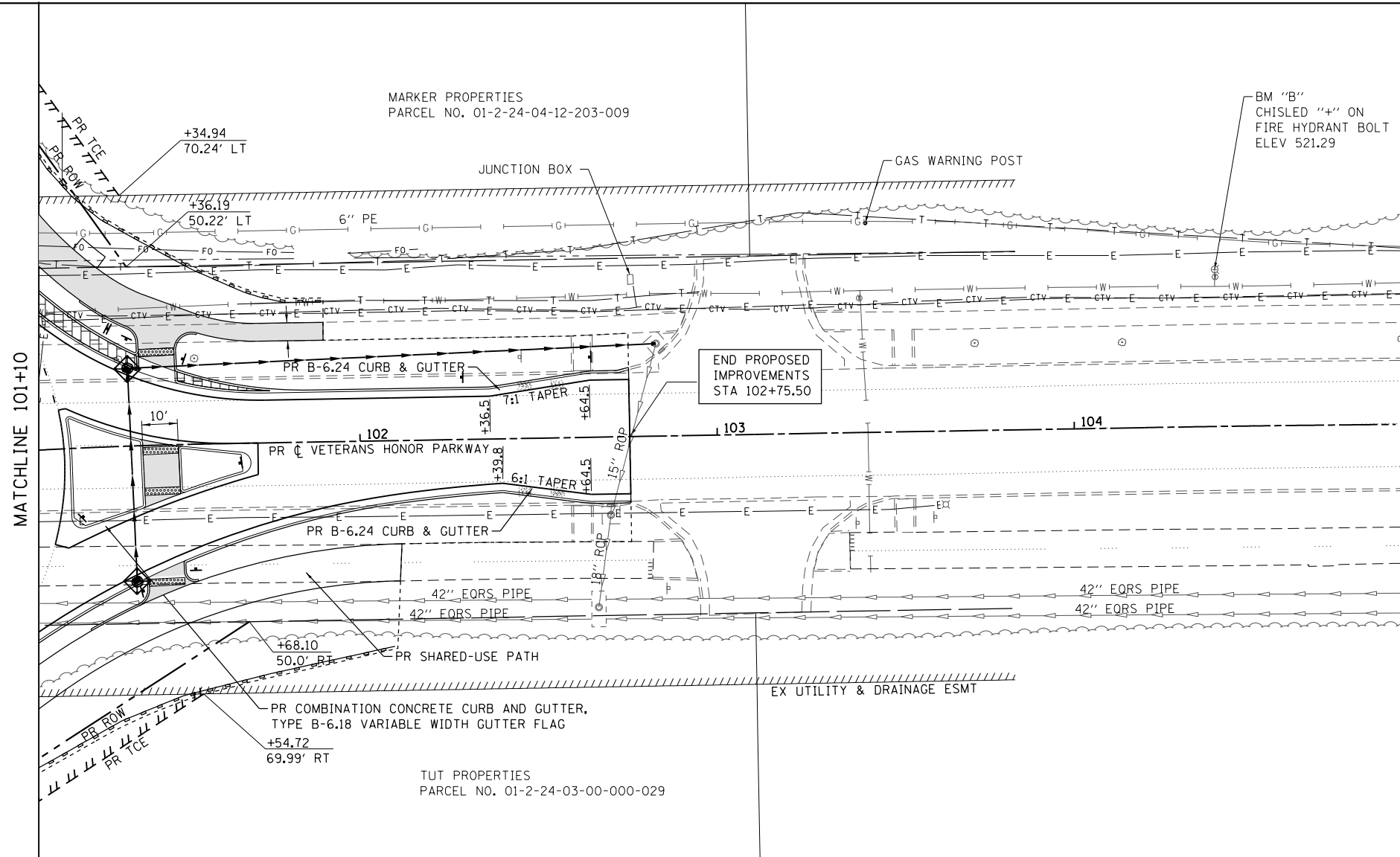
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	18
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



PLAN	DATE
BY	
REVIEWED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	

PROFILE	DATE
BY	
REVIEWED	
PLOTTED	
GRADES	
CHECKED	
STRUCTURE	
NOTATING	
CHKD	
NO.	

PLAN SHEET LEGEND	
	PROPOSED PCC SIDEWALK
	PROPOSED HMA PAVEMENT (FULL-DEPTH)
	PROPOSED HMA SURFACE COURSE
	TRUCK APRON
	CONSTRUCTION LIMITS
	ABOVE GRADE INLET FILTERS
	EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER



TBM "B" - CHISLED "X" ON FIRE HYDRANT
STA. 104+39.92 43.9 LT
ELEV. 521.30



USER NAME = nick.moore
DESIGNED -
DRAWN -
PLOT SCALE = 40,000' / 1" =
CHECKED -
PLOT DATE = 11/6/2018
DATE -



REVISD -
REVISD -
REVISD -
REVISD -

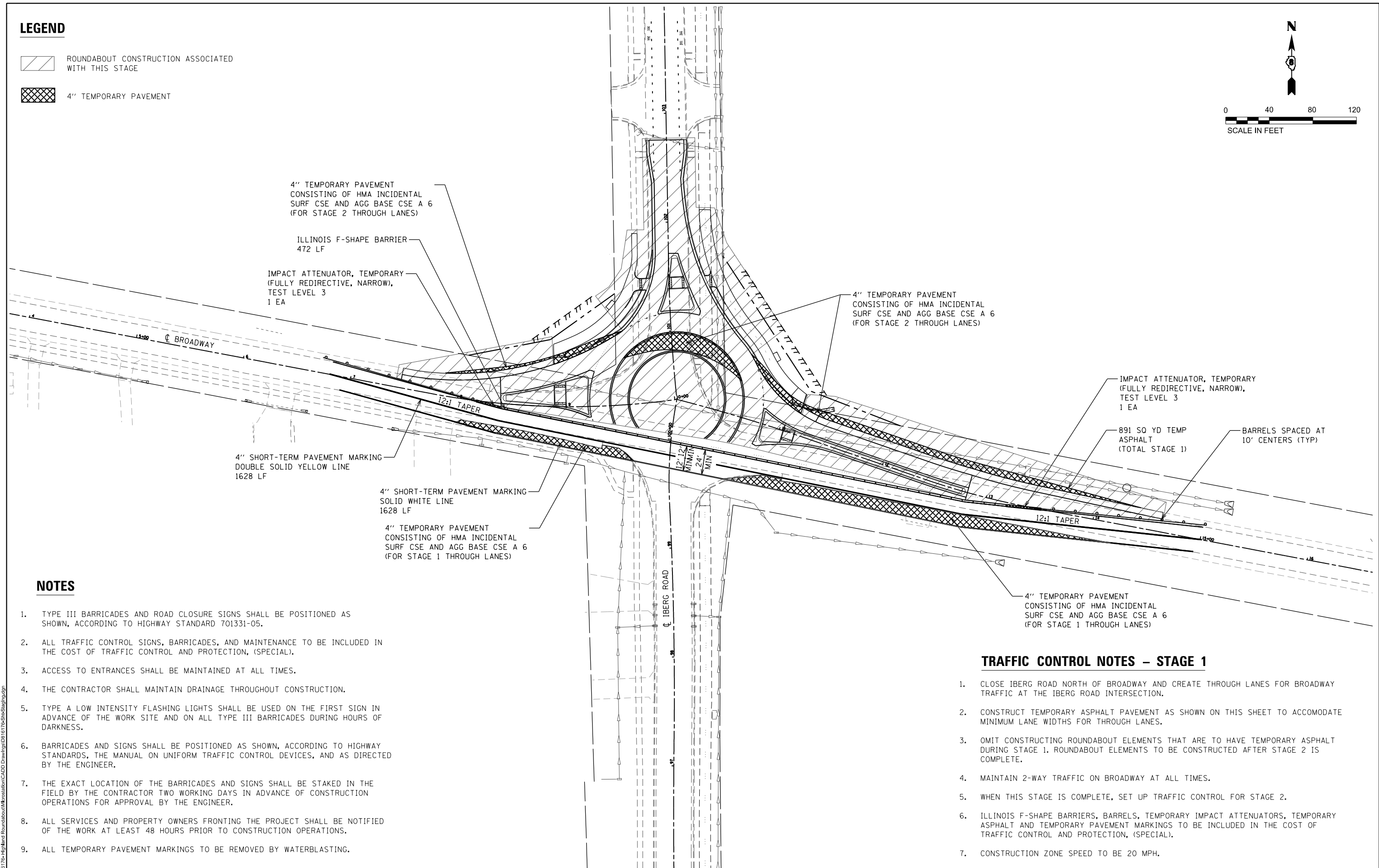
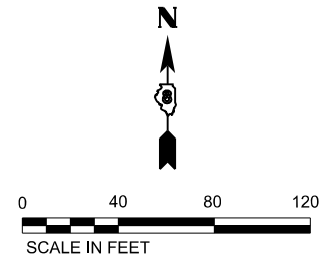
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEETS
SCALE: 1"=20'
SHEET 4 OF 4 SHEETS
STA. 101+10 TO STA. 104+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	19
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

LEGEND

-  ROUNDABOUT CONSTRUCTION ASSOCIATED WITH THIS STAGE
-  4" TEMPORARY PAVEMENT



NOTES

1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701331-05.
2. ALL TRAFFIC CONTROL SIGNS, BARRICADES, AND MAINTENANCE TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
3. ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT CONSTRUCTION.
5. TYPE A LOW INTENSITY FLASHING LIGHTS SHALL BE USED ON THE FIRST SIGN IN ADVANCE OF THE WORK SITE AND ON ALL TYPE III BARRICADES DURING HOURS OF DARKNESS.
6. BARRICADES AND SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
7. THE EXACT LOCATION OF THE BARRICADES AND SIGNS SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR TWO WORKING DAYS IN ADVANCE OF CONSTRUCTION OPERATIONS FOR APPROVAL BY THE ENGINEER.
8. ALL SERVICES AND PROPERTY OWNERS FRONTING THE PROJECT SHALL BE NOTIFIED OF THE WORK AT LEAST 48 HOURS PRIOR TO CONSTRUCTION OPERATIONS.
9. ALL TEMPORARY PAVEMENT MARKINGS TO BE REMOVED BY WATERBLASTING.

TRAFFIC CONTROL NOTES – STAGE 1

1. CLOSE IBERG ROAD NORTH OF BROADWAY AND CREATE THROUGH LANES FOR BROADWAY TRAFFIC AT THE IBERG ROAD INTERSECTION.
2. CONSTRUCT TEMPORARY ASPHALT PAVEMENT AS SHOWN ON THIS SHEET TO ACCOMMODATE MINIMUM LANE WIDTHS FOR THROUGH LANES.
3. OMIT CONSTRUCTING ROUNDABOUT ELEMENTS THAT ARE TO HAVE TEMPORARY ASPHALT DURING STAGE 1. ROUNDABOUT ELEMENTS TO BE CONSTRUCTED AFTER STAGE 2 IS COMPLETE.
4. MAINTAIN 2-WAY TRAFFIC ON BROADWAY AT ALL TIMES.
5. WHEN THIS STAGE IS COMPLETE, SET UP TRAFFIC CONTROL FOR STAGE 2.
6. ILLINOIS F-SHAPE BARRIERS, BARRELS, TEMPORARY IMPACT ATTENUATORS, TEMPORARY ASPHALT AND TEMPORARY PAVEMENT MARKINGS TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
7. CONSTRUCTION ZONE SPEED TO BE 20 MPH.

MODEL: 01 STAGE 1 SHEET
 FILE NAME: P:\0176\Highland Roundabout\MicroStation\CADD Drawings\0176\SH-Stage1.dgn





USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 80,0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

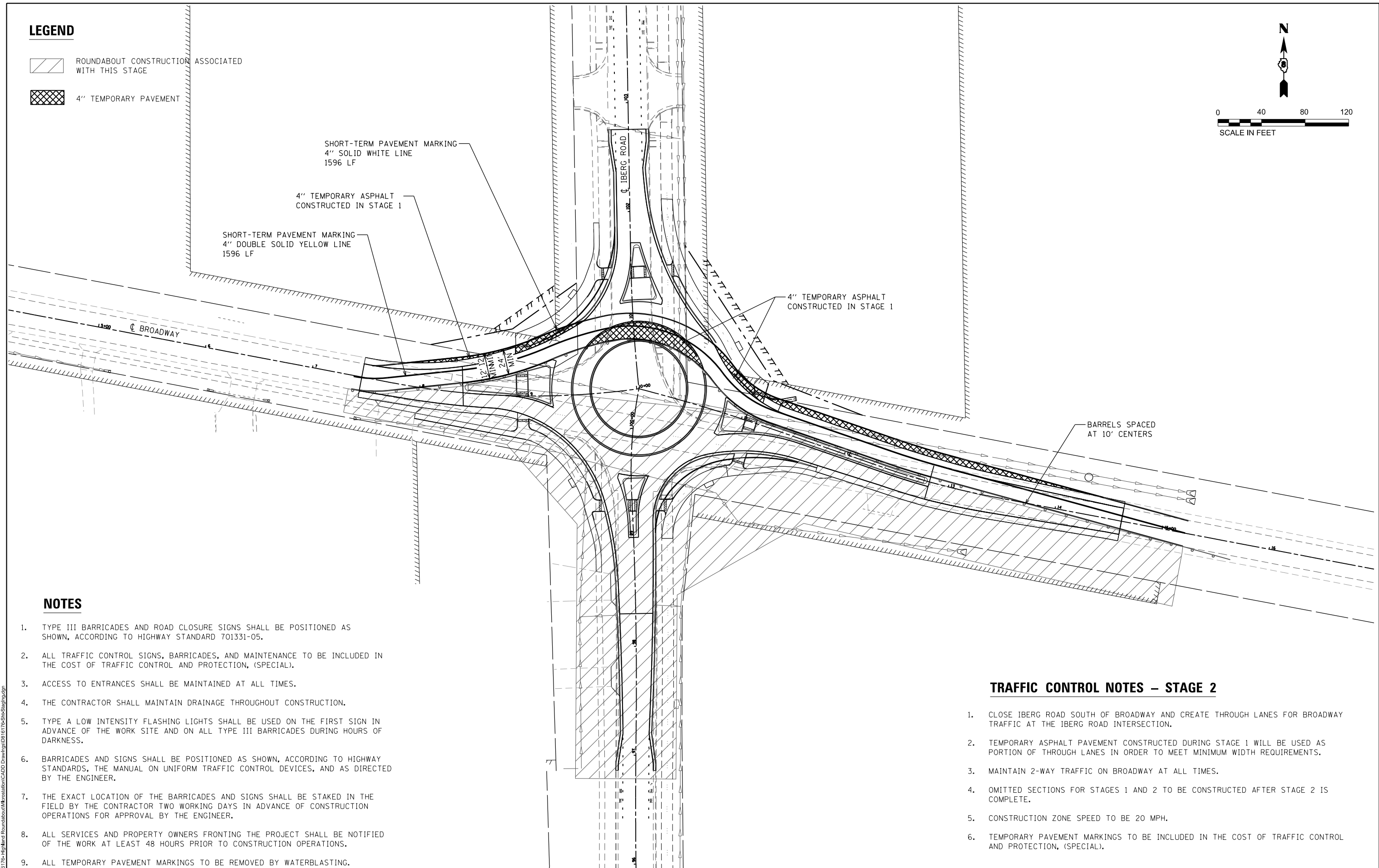
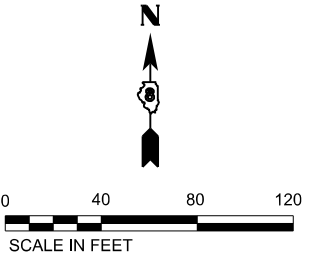
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 1 TRAFFIC CONTROL PLANS			
SCALE: 1" = 40'	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	20
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

LEGEND

-  ROUNDABOUT CONSTRUCTION ASSOCIATED WITH THIS STAGE
-  4" TEMPORARY PAVEMENT



NOTES

1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701331-05.
2. ALL TRAFFIC CONTROL SIGNS, BARRICADES, AND MAINTENANCE TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
3. ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT CONSTRUCTION.
5. TYPE A LOW INTENSITY FLASHING LIGHTS SHALL BE USED ON THE FIRST SIGN IN ADVANCE OF THE WORK SITE AND ON ALL TYPE III BARRICADES DURING HOURS OF DARKNESS.
6. BARRICADES AND SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
7. THE EXACT LOCATION OF THE BARRICADES AND SIGNS SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR TWO WORKING DAYS IN ADVANCE OF CONSTRUCTION OPERATIONS FOR APPROVAL BY THE ENGINEER.
8. ALL SERVICES AND PROPERTY OWNERS FRONTING THE PROJECT SHALL BE NOTIFIED OF THE WORK AT LEAST 48 HOURS PRIOR TO CONSTRUCTION OPERATIONS.
9. ALL TEMPORARY PAVEMENT MARKINGS TO BE REMOVED BY WATERBLASTING.

TRAFFIC CONTROL NOTES – STAGE 2

1. CLOSE IBERG ROAD SOUTH OF BROADWAY AND CREATE THROUGH LANES FOR BROADWAY TRAFFIC AT THE IBERG ROAD INTERSECTION.
2. TEMPORARY ASPHALT PAVEMENT CONSTRUCTED DURING STAGE 1 WILL BE USED AS PORTION OF THROUGH LANES IN ORDER TO MEET MINIMUM WIDTH REQUIREMENTS.
3. MAINTAIN 2-WAY TRAFFIC ON BROADWAY AT ALL TIMES.
4. OMITTED SECTIONS FOR STAGES 1 AND 2 TO BE CONSTRUCTED AFTER STAGE 2 IS COMPLETE.
5. CONSTRUCTION ZONE SPEED TO BE 20 MPH.
6. TEMPORARY PAVEMENT MARKINGS TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

MODEL: 03 STAGE 2 SHEET
 FILE NAME: P:\03\17-0070\17-0070-00-PV\Roundabout\Maroon\17-0070-00-PV\17-0070-00-PV.dwg



USER NAME = nlc.moore	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 80,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 11/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 2 TRAFFIC CONTROL PLANS			
SCALE: 1" = 40'	SHEET 3	OF 4 SHEETS	STA. TO STA.

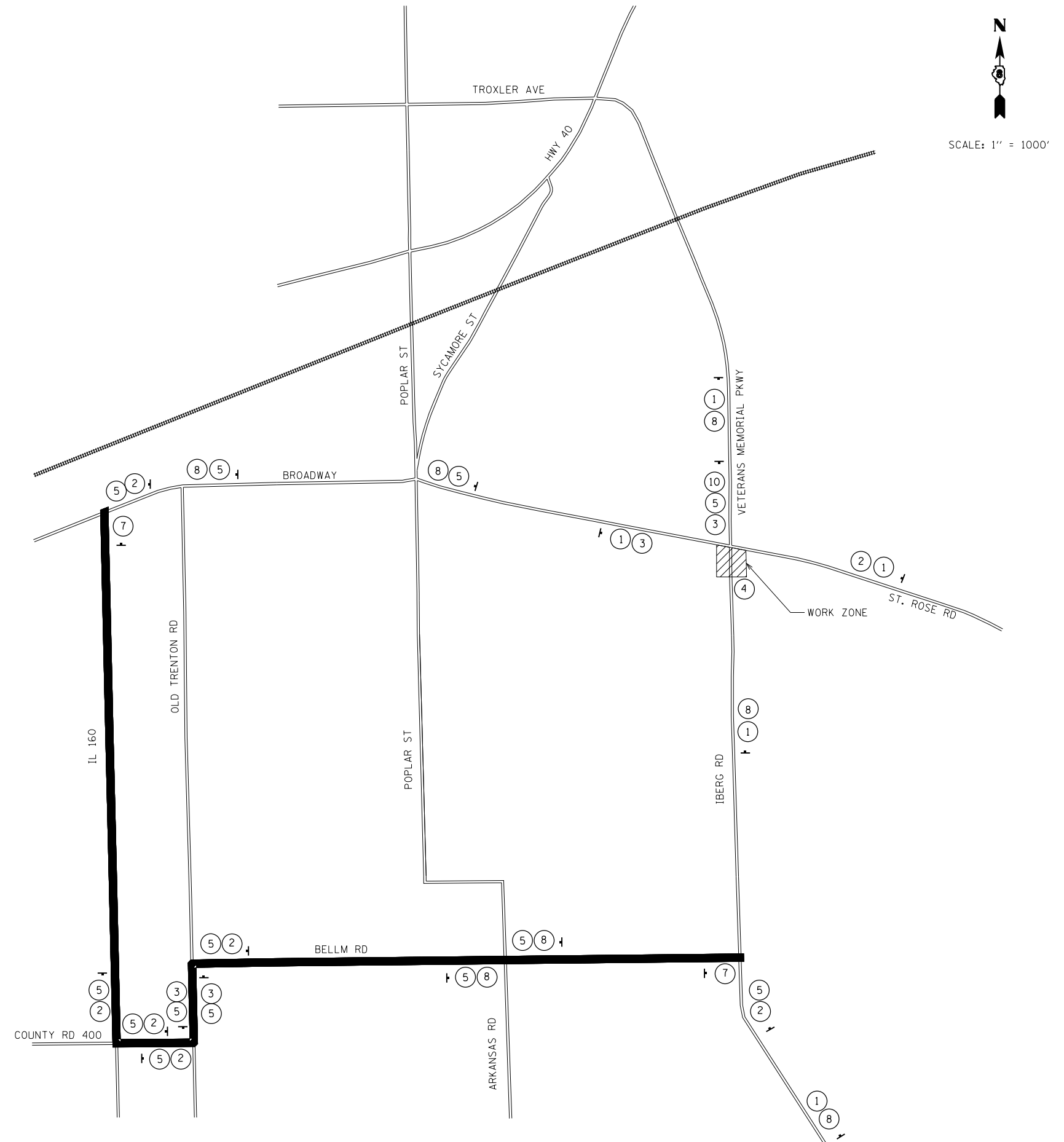
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-0070-00-PV	MADISON	55	22
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

NOTES

1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, IN ACCORDANCE WITH HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
2. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
3. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" X 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
5. LONGITUDINAL DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
6. ALL TYPE II BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE A LOW INTENSITY FLASHING LIGHT MOUNTED ON TOP OF EACH BARRICADE.
7. EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
8. ALL RESIDENTS FRONTING THE PROJECT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ROAD CLOSURES AFFECTING THEIR ACCESS.
9. SUPPLEMENTAL MILEAGE PLATES SHALL ACCOMPANY THE ROAD CLOSED AHEAD SIGNS WHEN DISTANCE IS NOTATED ON PLAN SHEET.

TRAFFIC CONTROL PLAN LEGEND

①	W20-3 (48" x 48") (FLUORESCENT ORANGE)	
②	SPECIAL (24" x 24") (FLUORESCENT ORANGE)	
③	SPECIAL (24" x 24") (FLUORESCENT ORANGE)	
④	TYPE III BARRICADES WITH R-11-2 (60" x 30") (WHITE) AND TYPE A LOW INTENSITY FLASHING LIGHTS	
⑤	M4-8 (24" x 12") (ORANGE)	
⑥	M4-9L (30" x 24") (ORANGE)	
⑦	M4-8a (24" x 18") (ORANGE)	
⑧	M6-3 (21" x 15") (WHITE)	
⑨	W16-2P (24" x 18") (ORANGE)	
⑩	SPECIAL	
	TRAFFIC CONTROL SIGN LOCATION	↑
	TYPE A LOW INTENSITY FLASHING LIGHT	
	DETOUR ROUTE	
	WORK AREA	



MODEL: 04 STAGE 2 DETOUR SHEET
 FILE NAME: P:\161076\161076.dwg
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 2000,0000"/in.	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

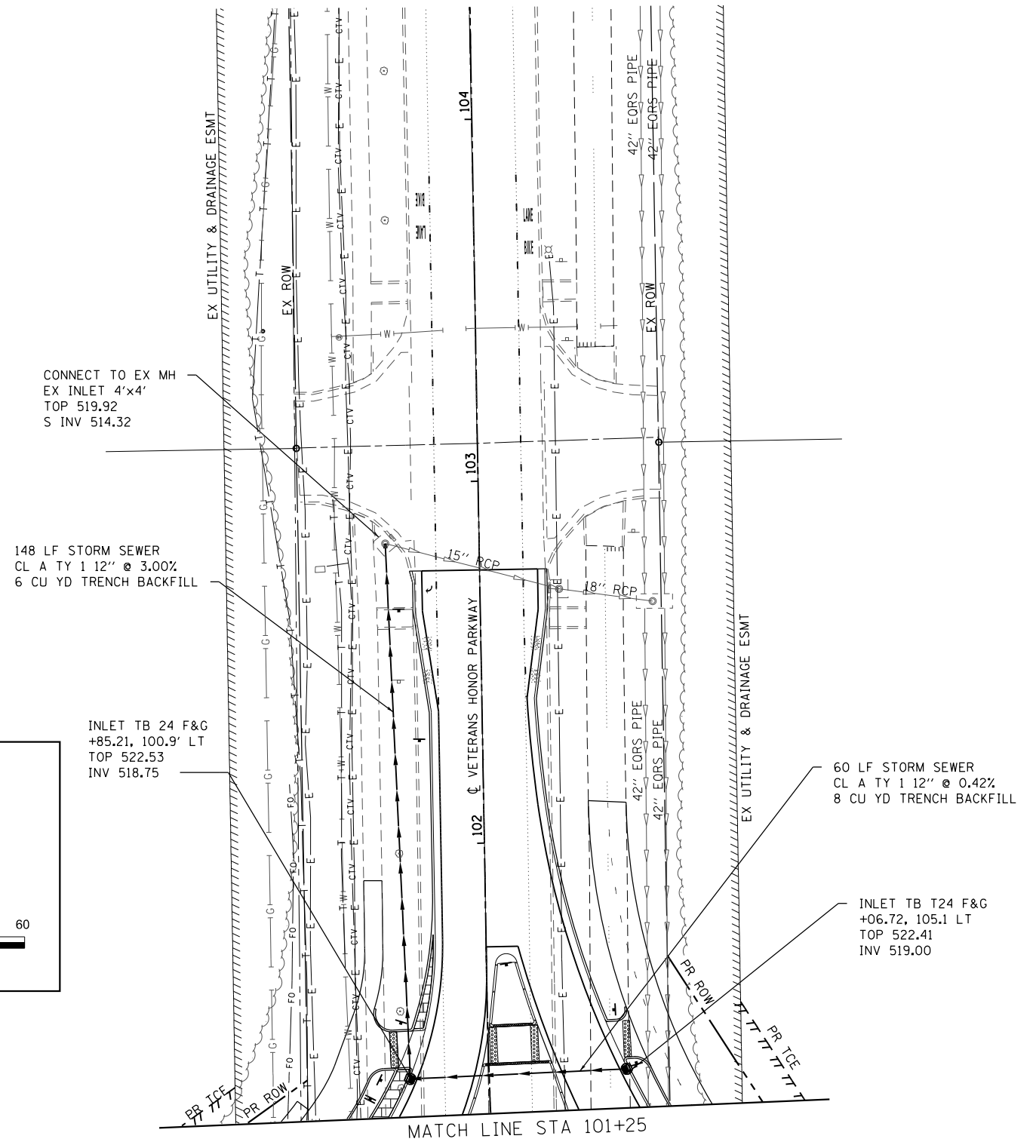
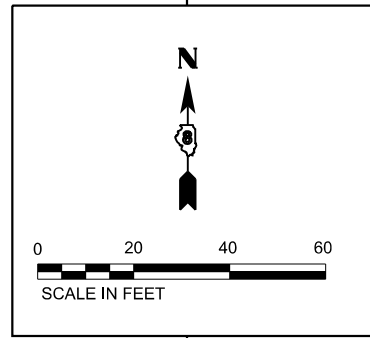
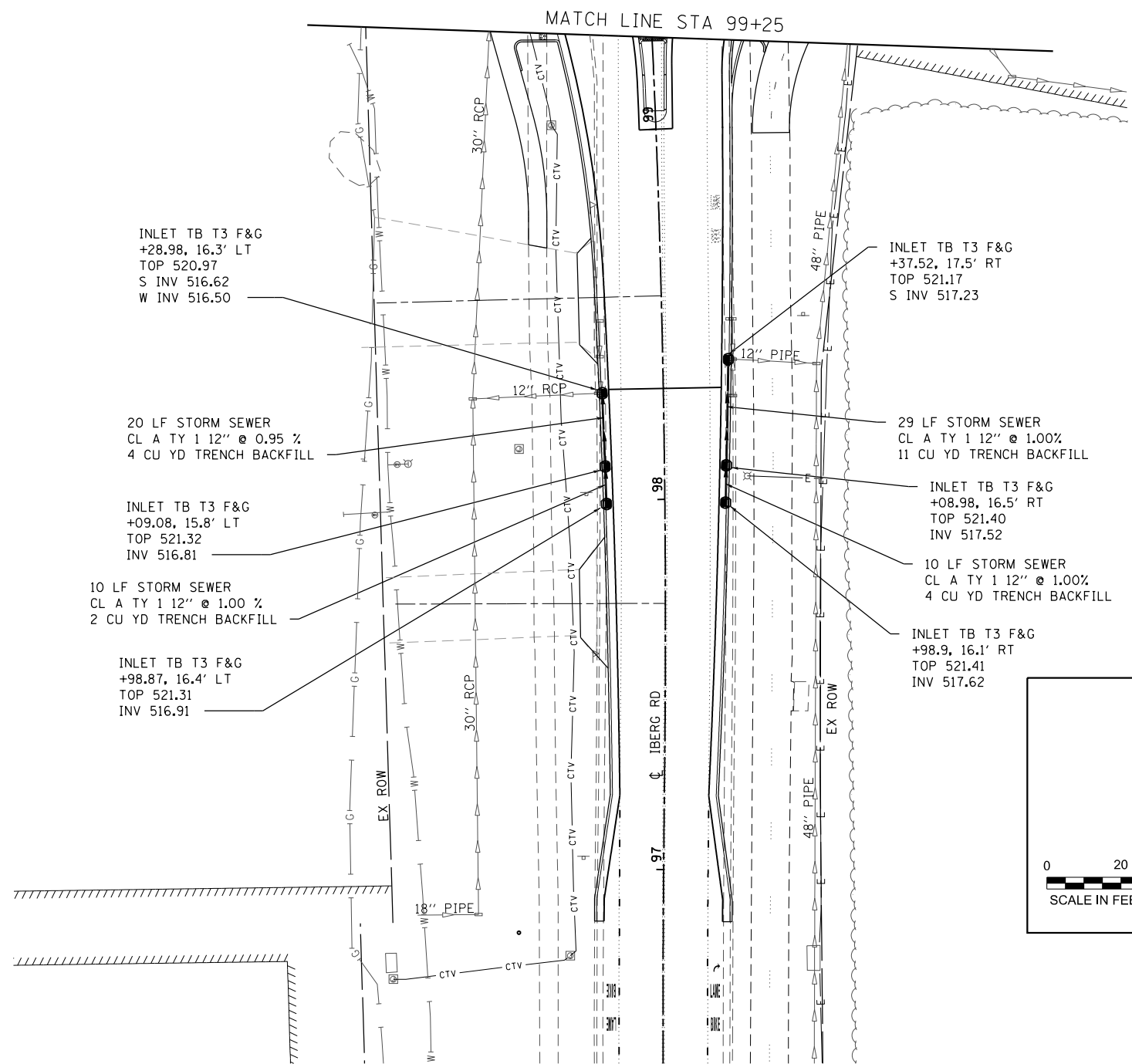
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 DETOUR
TRAFFIC CONTROL PLANS

SCALE: 1" = 1000' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	23
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

MODEL: I:\proj1
 FILE NAME: P:\1676-4\plan\Drawings\17-00070-00-PV\17-00070-00-PV.dwg
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = nrickmoore
 PLOT SCALE = 40,0000' / 1"
 DATE = 11/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -









STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

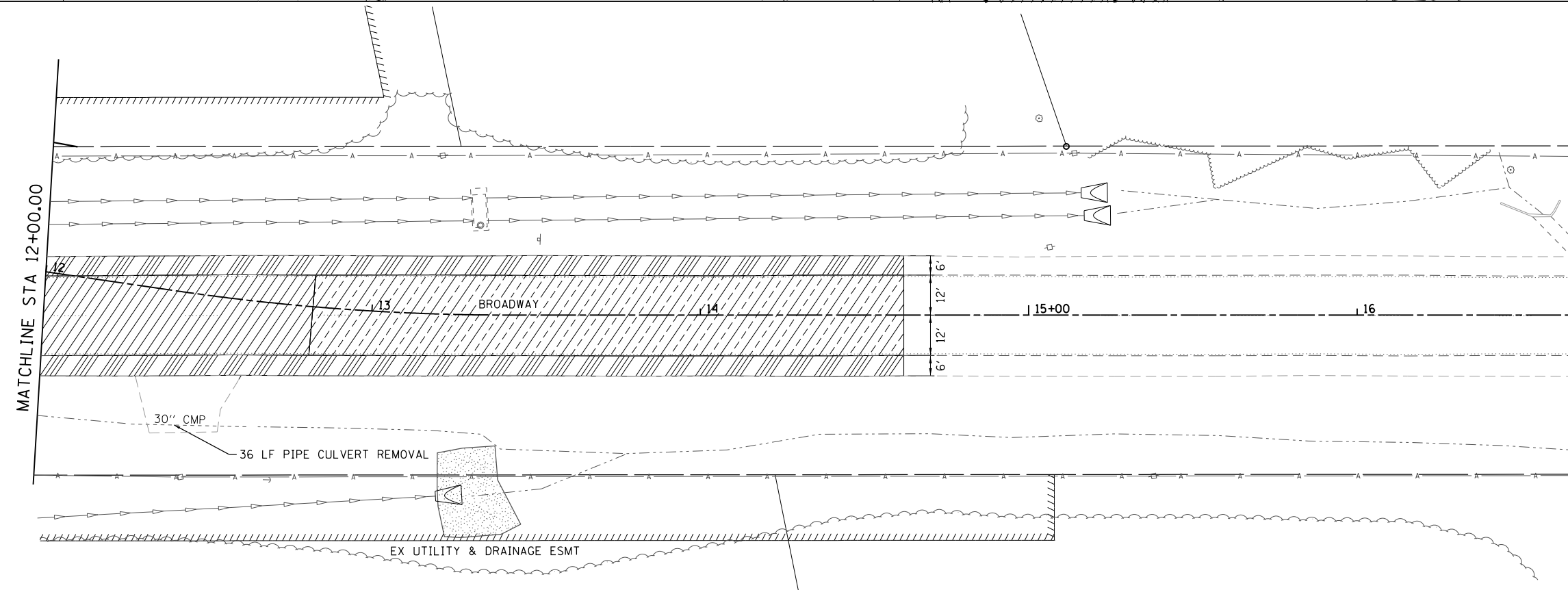
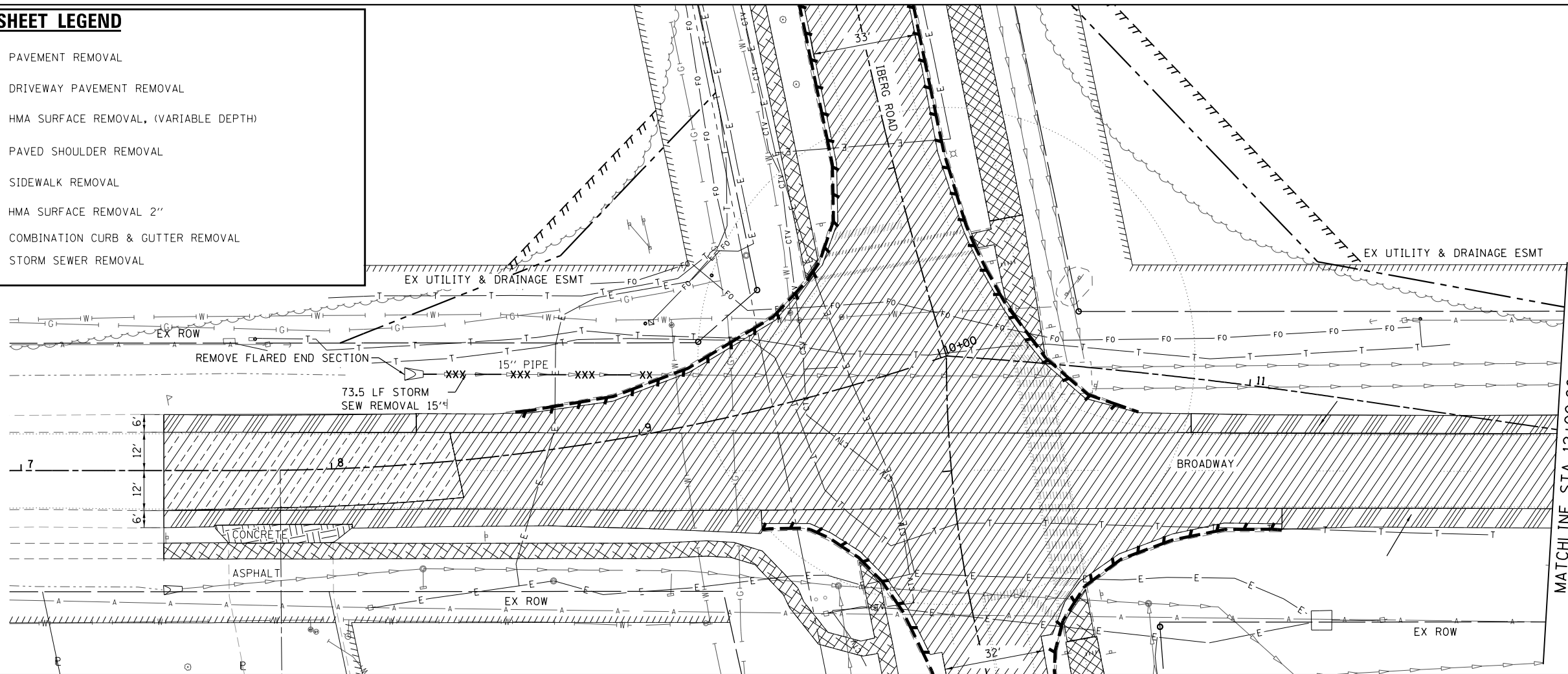
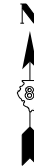
DRAINAGE PLAN SHEETS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	25
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

PLAN SHEET LEGEND

-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  HMA SURFACE REMOVAL, (VARIABLE DEPTH)
-  PAVED SHOULDER REMOVAL
-  SIDEWALK REMOVAL
-  HMA SURFACE REMOVAL 2"
-  COMBINATION CURB & GUTTER REMOVAL
-  STORM SEWER REMOVAL



MODEL: D:\delin\... FILE NAME: P:\CS\16176-Highland Roundabout\MicroStation\CADD_Drawing\2016176-SHRemoval-Broadway-1.dgn



USER NAME = nick.moore
PLOT SCALE = 40.0' / in.
PLOT DATE = 11/6/2018

DESIGNED -
DRAWN -
CHECKED -
DATE -

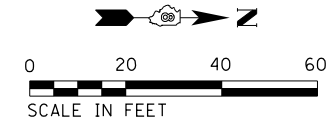
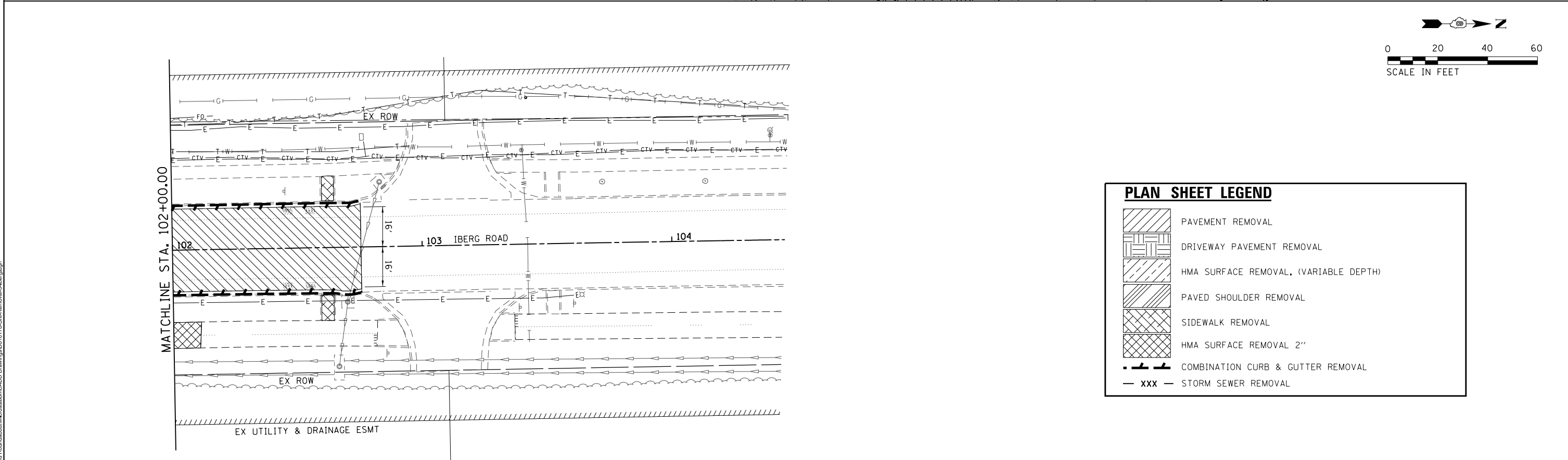
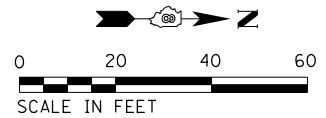
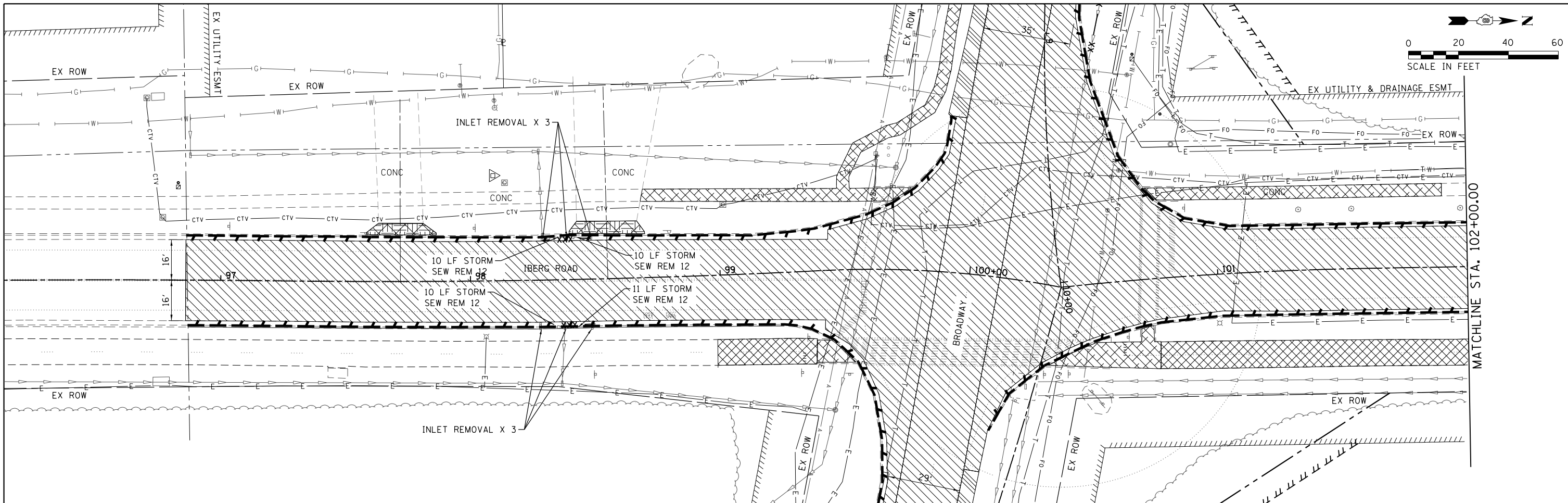
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-000PV-00-PV	MADISON	55	26
CONTRACT NO.			97686	
ILLINOIS FED. AID PROJECT				



PLAN SHEET LEGEND	
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, (VARIABLE DEPTH)
	PAVED SHOULDER REMOVAL
	SIDEWALK REMOVAL
	HMA SURFACE REMOVAL 2"
	COMBINATION CURB & GUTTER REMOVAL
	STORM SEWER REMOVAL

MODEL: D:\data\...
 FILE NAME: ...
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = nlsk.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / 1"	DRAWN -	REVISED -
DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

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

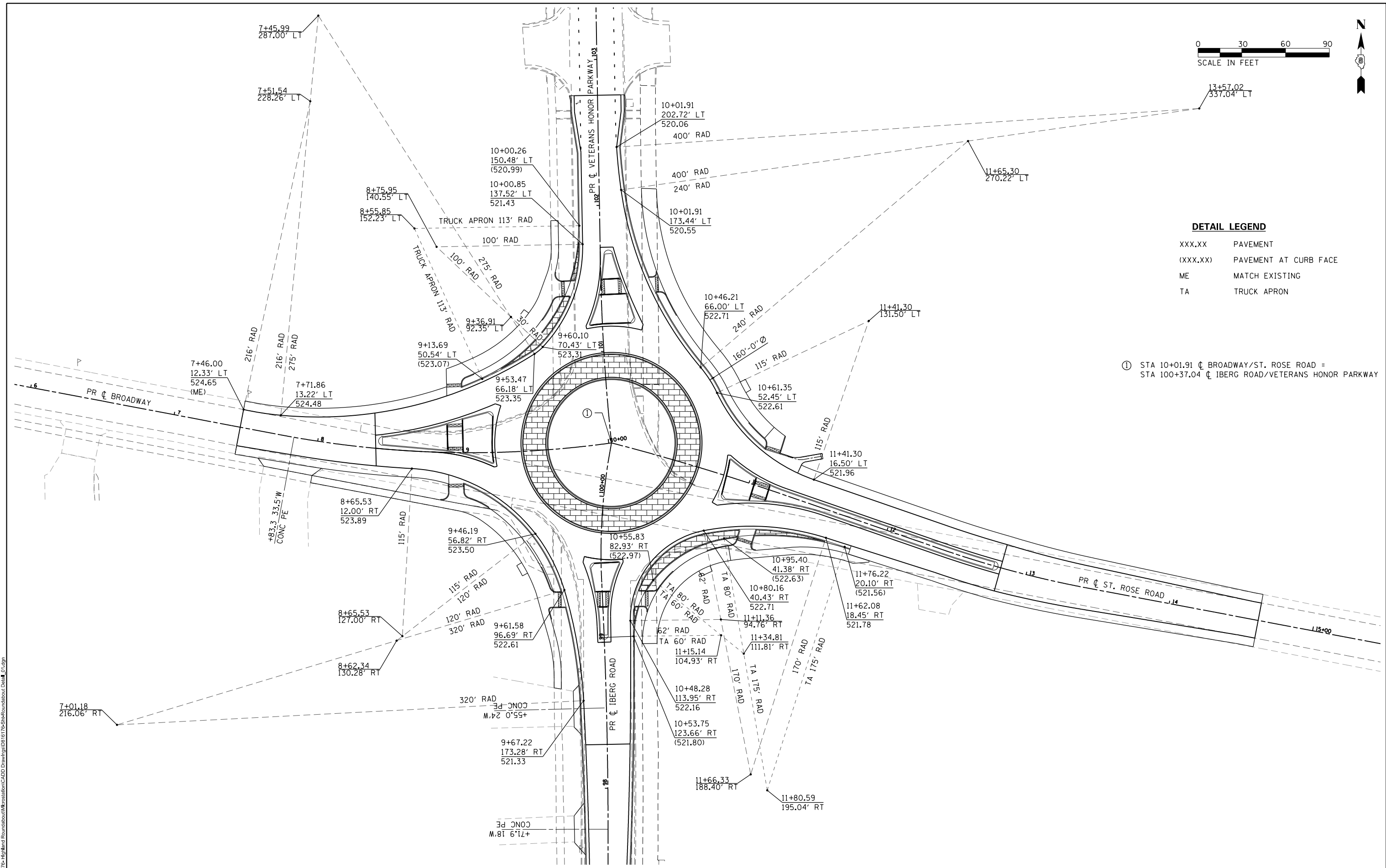
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	27
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

XXX.XX	PAVEMENT
(XXX.XX)	PAVEMENT AT CURB FACE
ME	MATCH EXISTING
TA	TRUCK APRON

① STA 10+01.91 @ BROADWAY/ST. ROSE ROAD =
 STA 100+37.04 @ IBERG ROAD/VETERANS HONOR PARKWAY



MODEL Elev Layout C
 FILE NAME: I:\2017\Highland Roundabout\Microstation\CADD Drawing\08161765\IBergRoundabout Detail_01.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



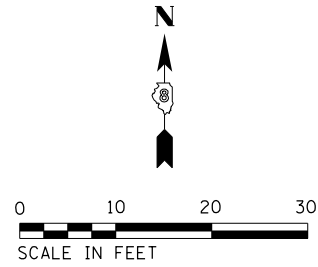
USER NAME = nick.moore	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 60,000' / 1"	CHECKED -	REVISED -
DATE = 11/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROUNDBOUT DETAILS

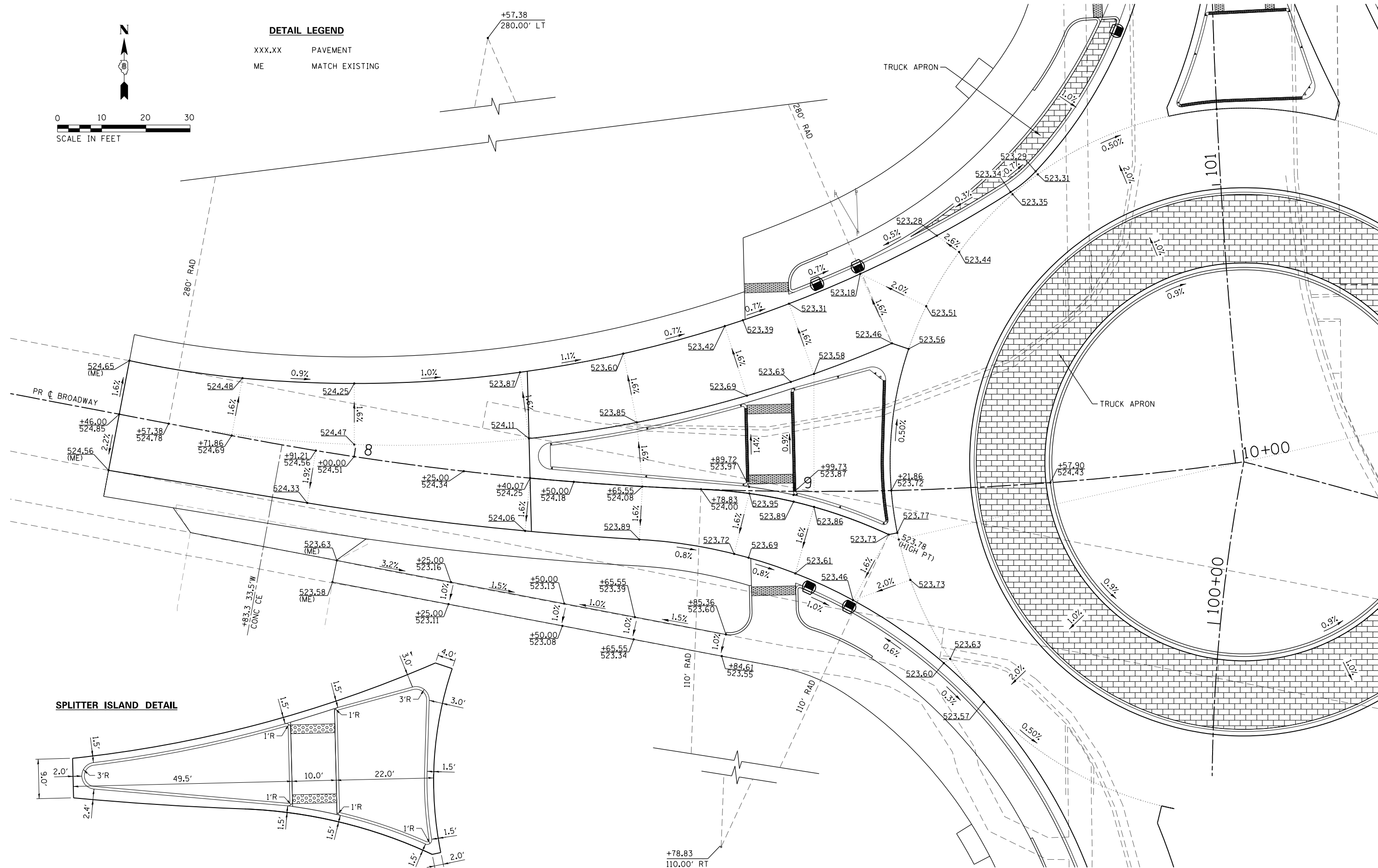
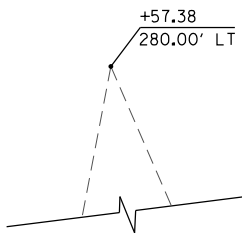
SCALE: 1" = 30' SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	28
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

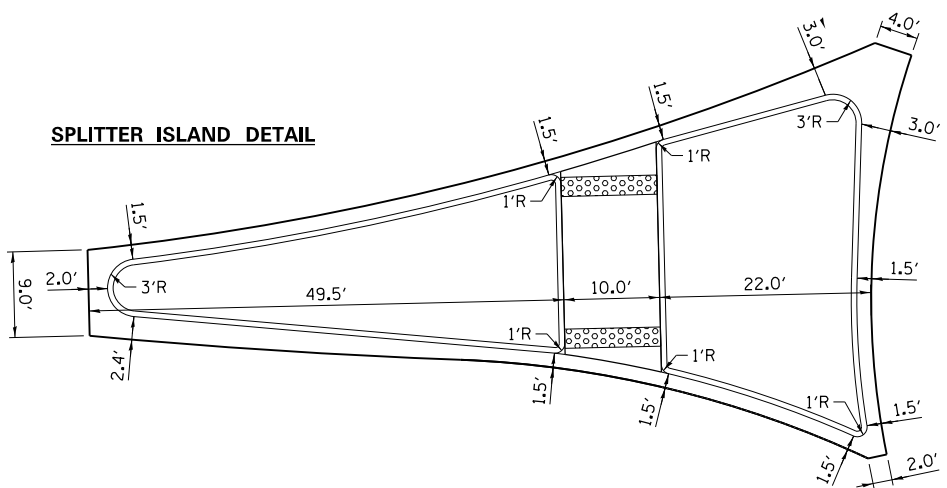


DETAIL LEGEND

XXX.XX	PAVEMENT
ME	MATCH EXISTING



SPLITTER ISLAND DETAIL



MODEL: Elev Layout C
 FILE NAME: 17-0070-00-PV-Highland RoundaboutMicrostationCADD Drawing:0816176-ShRoundabout Detail.dwg
 ILLINOIS DESIGN FIRM LICENSE NO. 184.001115



USER NAME = nrick.moore
 PLOT SCALE = 20,000" / 1" ft.
 DATE = 11/6/2018

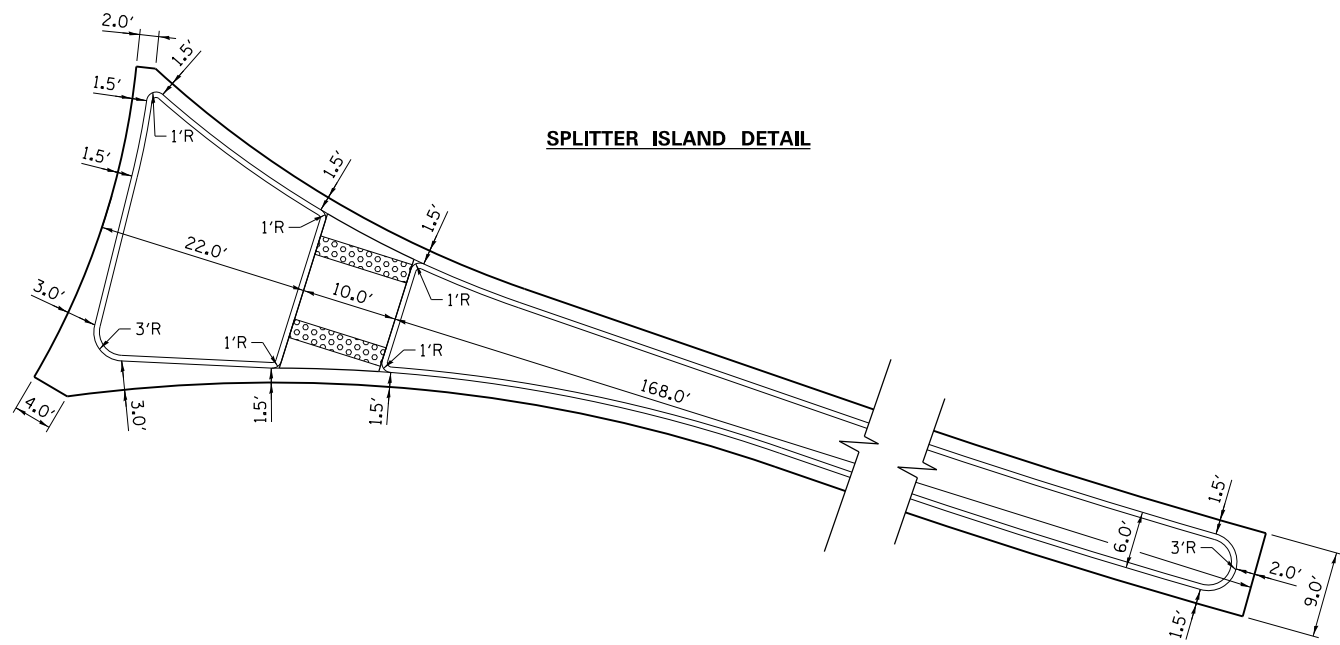
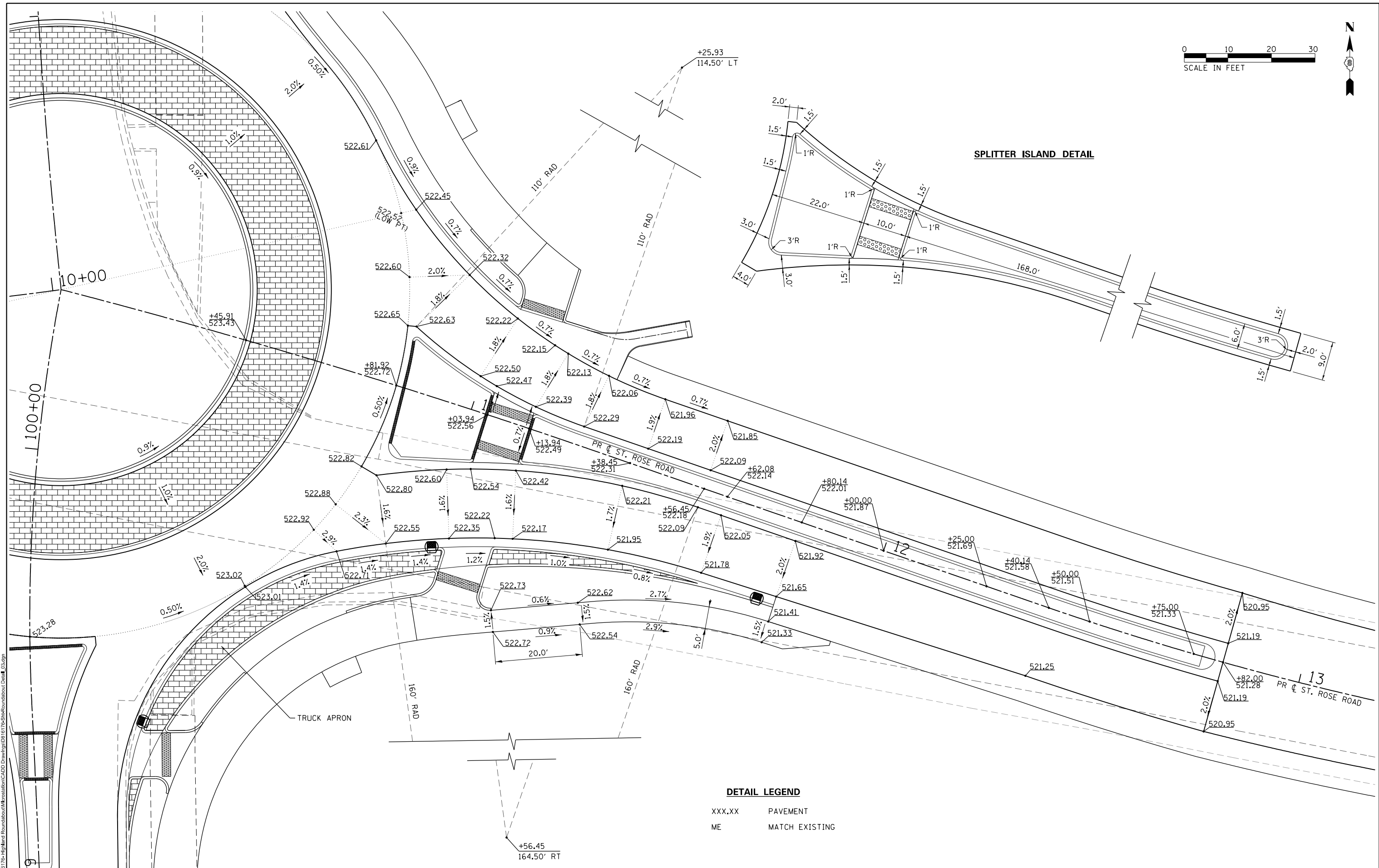
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROUNDBOUT DETAILS

SCALE: 1" = 10' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-0070-00-PV	MADISON	55	29
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



DETAIL LEGEND
 XXX.XX PAVEMENT
 ME MATCH EXISTING

MODEL: D:\delin\...
 FILE NAME: P:\16176-Highland Roundabout\Microstation\CADD\Drawings\2018\176-SplitterIslandDetail_03.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



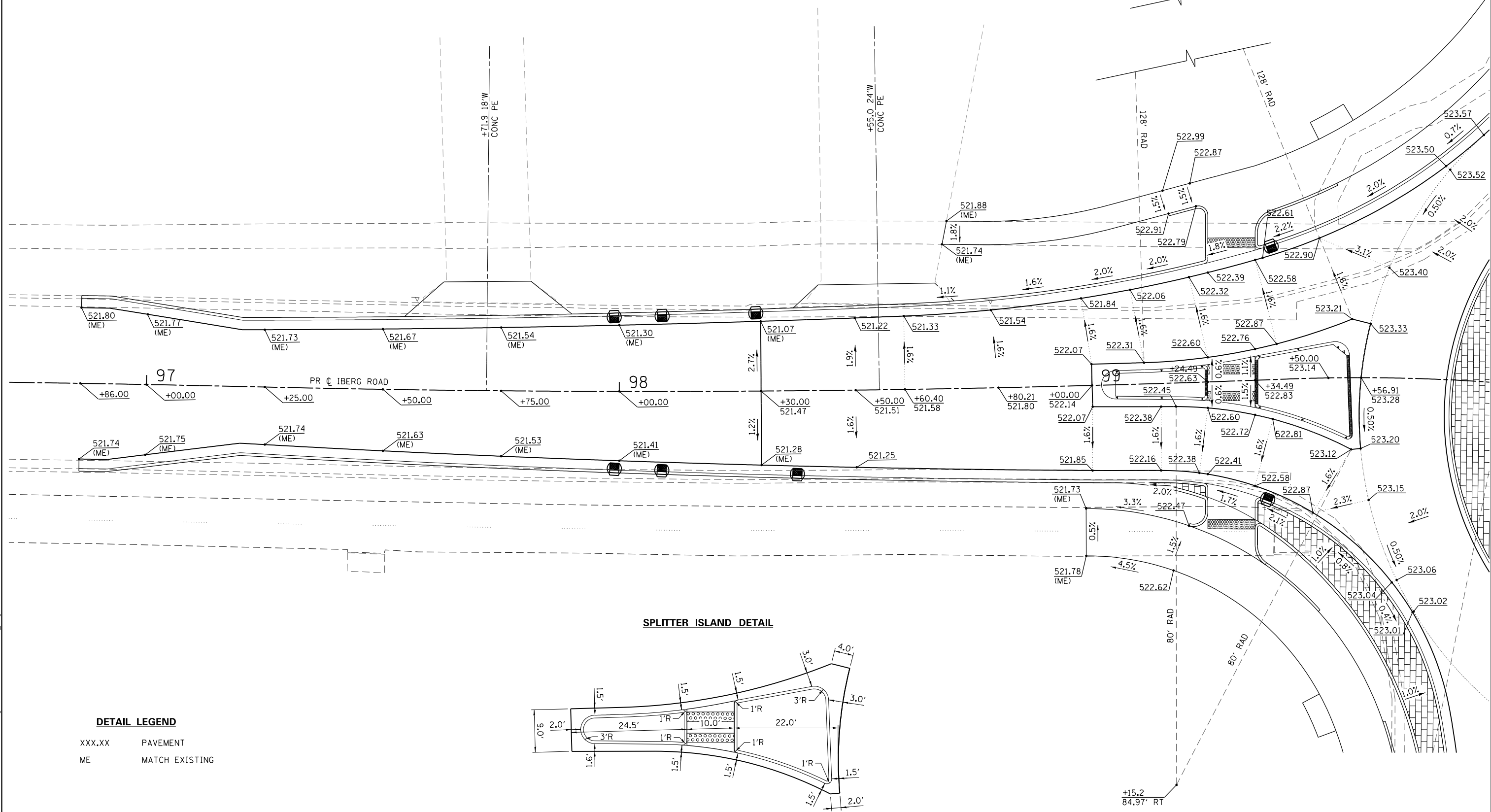
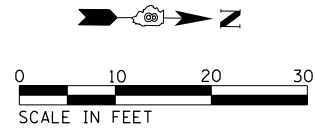
USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / 1"	DRAWN -	REVISED -
DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROUNDABOUT DETAILS

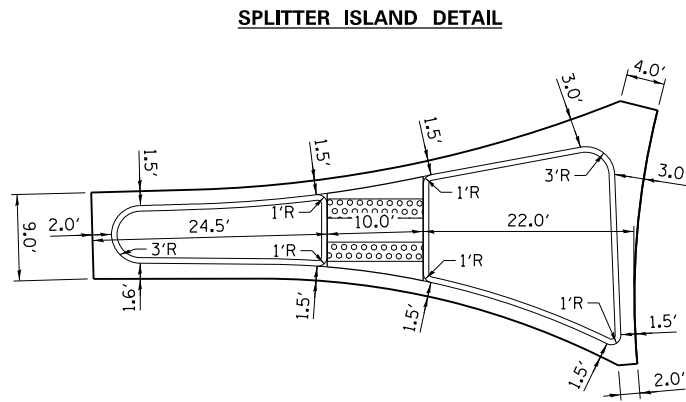
SCALE: 1" = 10' SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	30
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

- XXX.XX PAVEMENT
- ME MATCH EXISTING



MODEL: Detail
 FILE NAME: P:\16176-Highland Roundabout\MicroStation\CADD Drawings\2018\16176-SplitterIslandDetail.dwg
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME =	nick.moore
PLOT SCALE =	20,000' / 1"
PLOT DATE =	11/6/2018

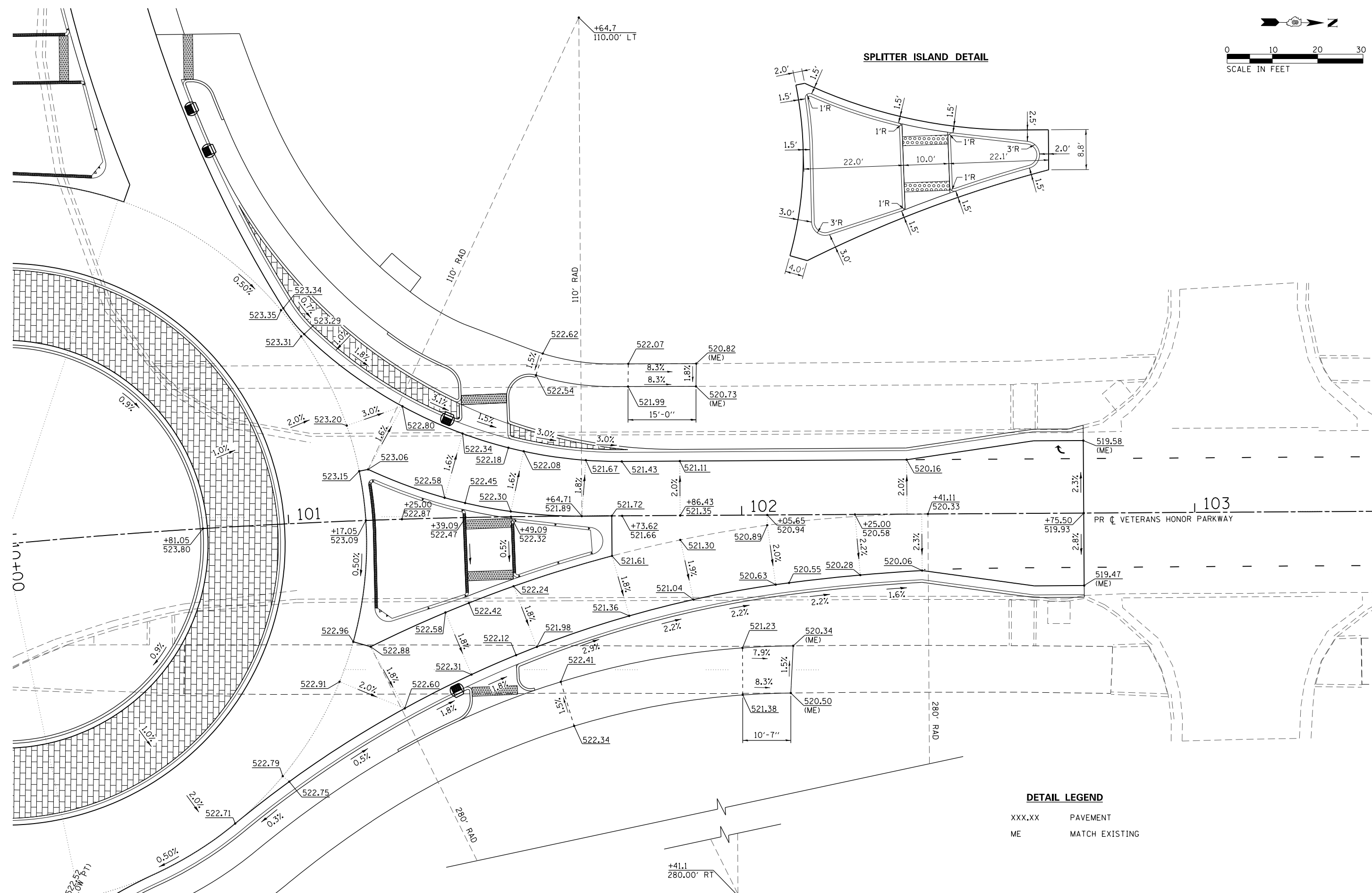
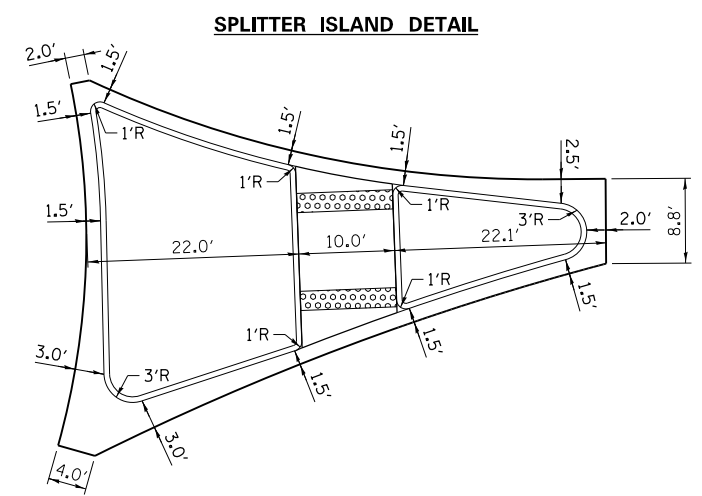
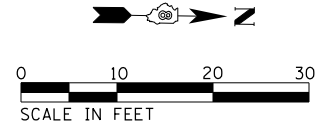
DESIGNED -	REVISIONS
DRAWN -	REVISIONS
CHECKED -	REVISIONS
DATE -	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROUNDABOUT DETAILS

SCALE: 1" = 10' SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	31
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

- XXX.XX PAVEMENT
- ME MATCH EXISTING

MODEL: Detail
 FILE NAME: P:\17-1676-Highland Roundabout\Microstation\CADD Drawings\2018\17-1676-SplitterIslandDetail.dwg
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



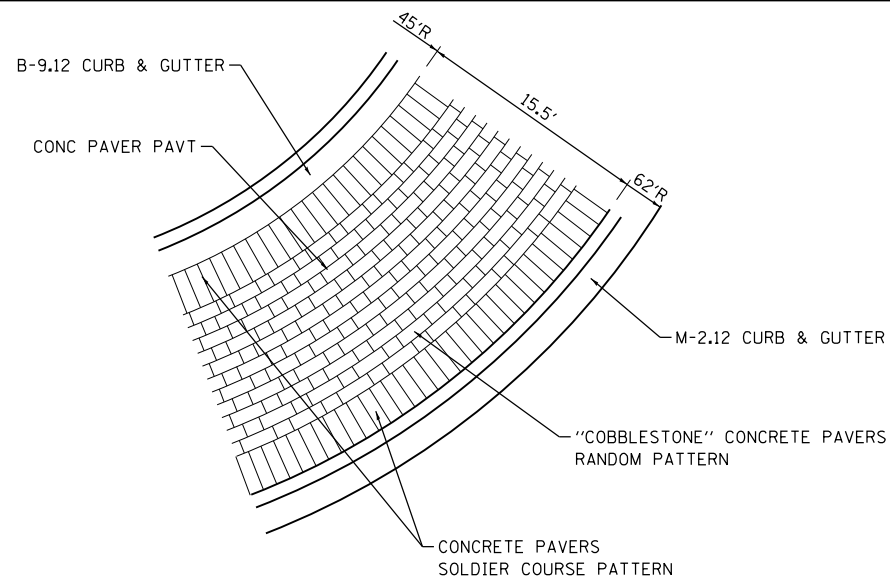
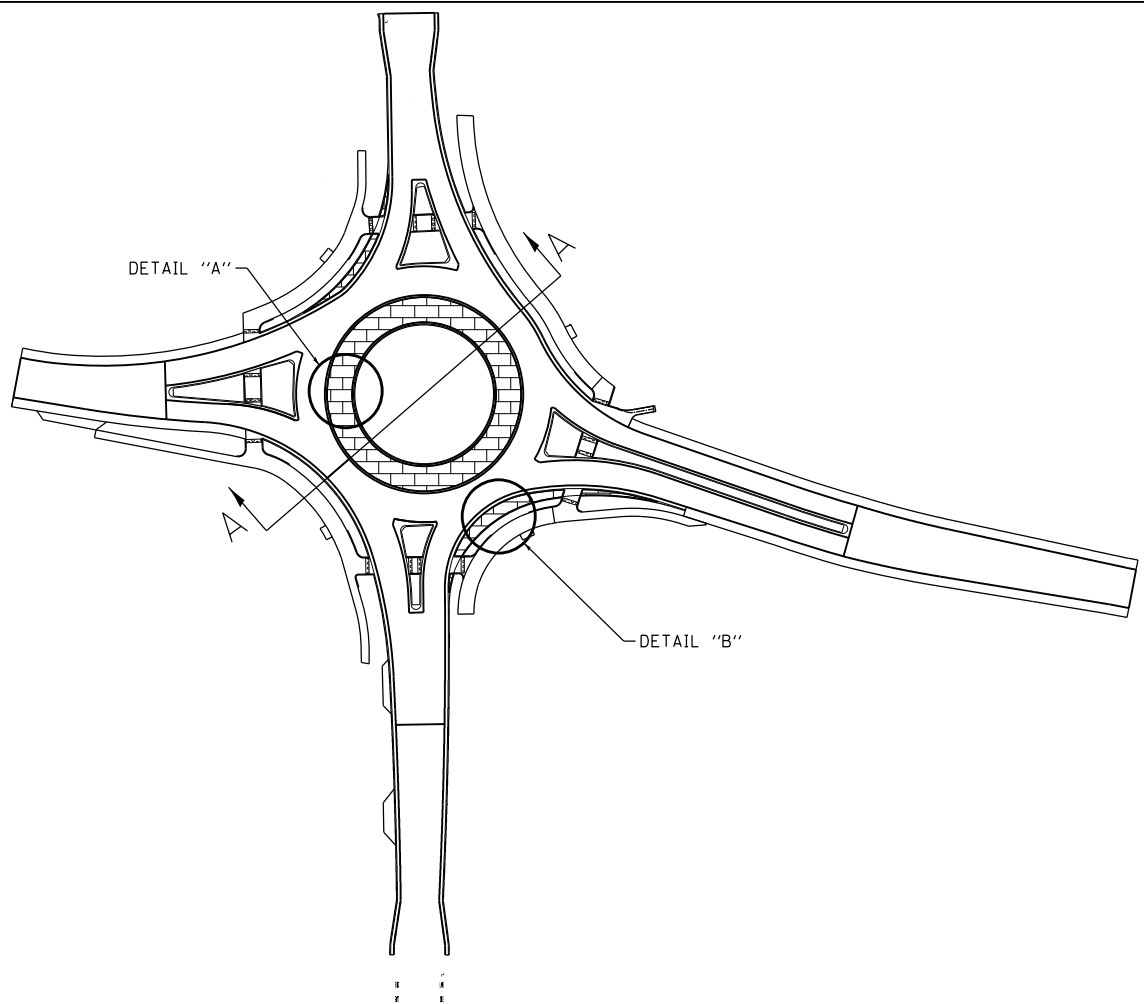
USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / 1"	DRAWN -	REVISED -
DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

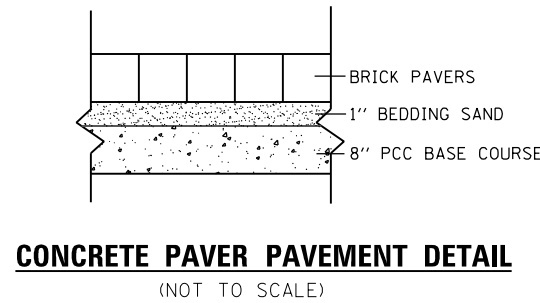
ROUNDABOUT DETAILS

SCALE: 1" = 10' SHEET 5 OF 6 SHEETS STA. TO STA.

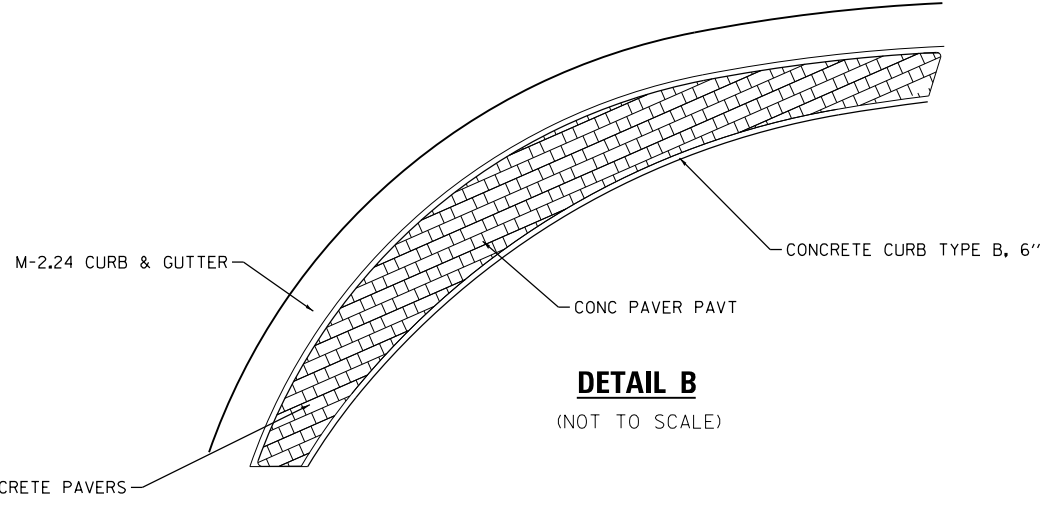
F.A.U. RTE. 8846	SECTION 17-00070-00-PV	COUNTY MADISON	TOTAL SHEETS 55	SHEET NO. 32
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



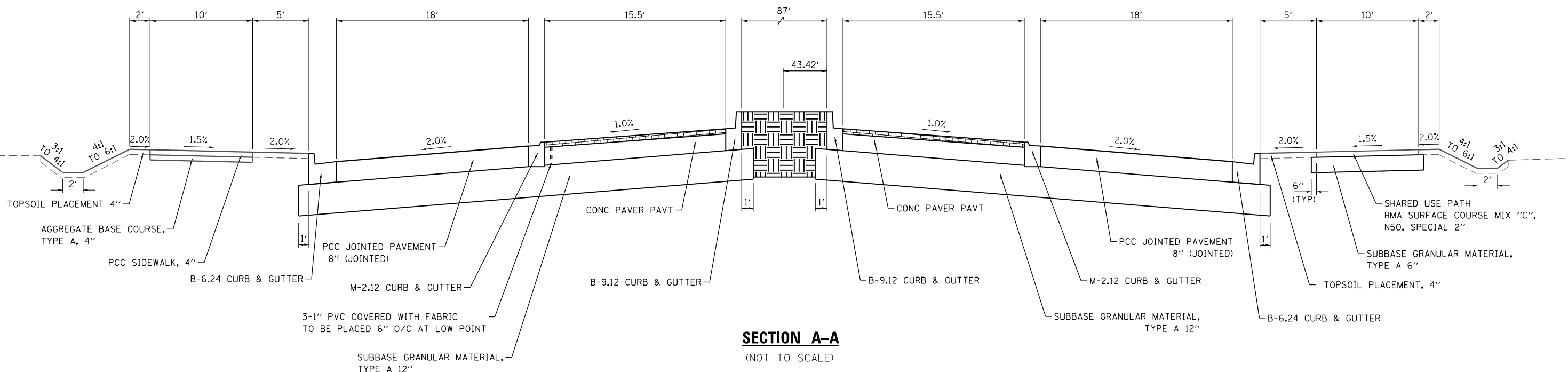
DETAIL A
(NOT TO SCALE)



- NOTES:
1. BRICK MATERIAL AND COLOR SHALL MATCH EXISTING BRICK PAVERS ON POPLAR STREET ROUNDABOUT AND BE APPROVED BY THE ENGINEER.
 2. THE BACK OF THE MOUNTABLE CURB AND GUTTER AND THE FRONT EDGE OF THE GUTTER AT THE B-9.12 CURB AND GUTTER SHALL BE VERTICAL TO ENSURE A TIGHT FIT AGAINST THE CONCRETE PAVER.
 3. GENERALLY, CONCRETE PAVERS SHALL BE SET SO THAT RADIAL JOINTS ON ADJACENT ROWS ARE AT LEAST 2" APART. OCCASIONAL ALIGNMENT OF THE JOINTS MAY BE ALLOWED IF APPROVED BY THE ENGINEER. PAVERS SHALL BE SET AT 90° TO THE CURB LINE. PAVERS SHALL BE IN A RADIAL PATTERN.
 4. A POLYMER STABILIZED SAND (ORGANIC SAND STABILIZER) SHALL BE USED TO FILL THE PAVER JOINTS.
 5. THE BEDDING SAND THICKNESS SHALL BE A NOMINAL 1" THICK



DETAIL B
(NOT TO SCALE)



MODEL: SHEET 1
FILE NAME: P:\2018\1076-Highland Roundabout\MicroStation\CADD\Drawings\DR16176-SH Roundabout Detail_08.dgn



USER NAME = nrickmoore	DESIGNED -	REVISED -
PLOT SCALE = 40,0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	33
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

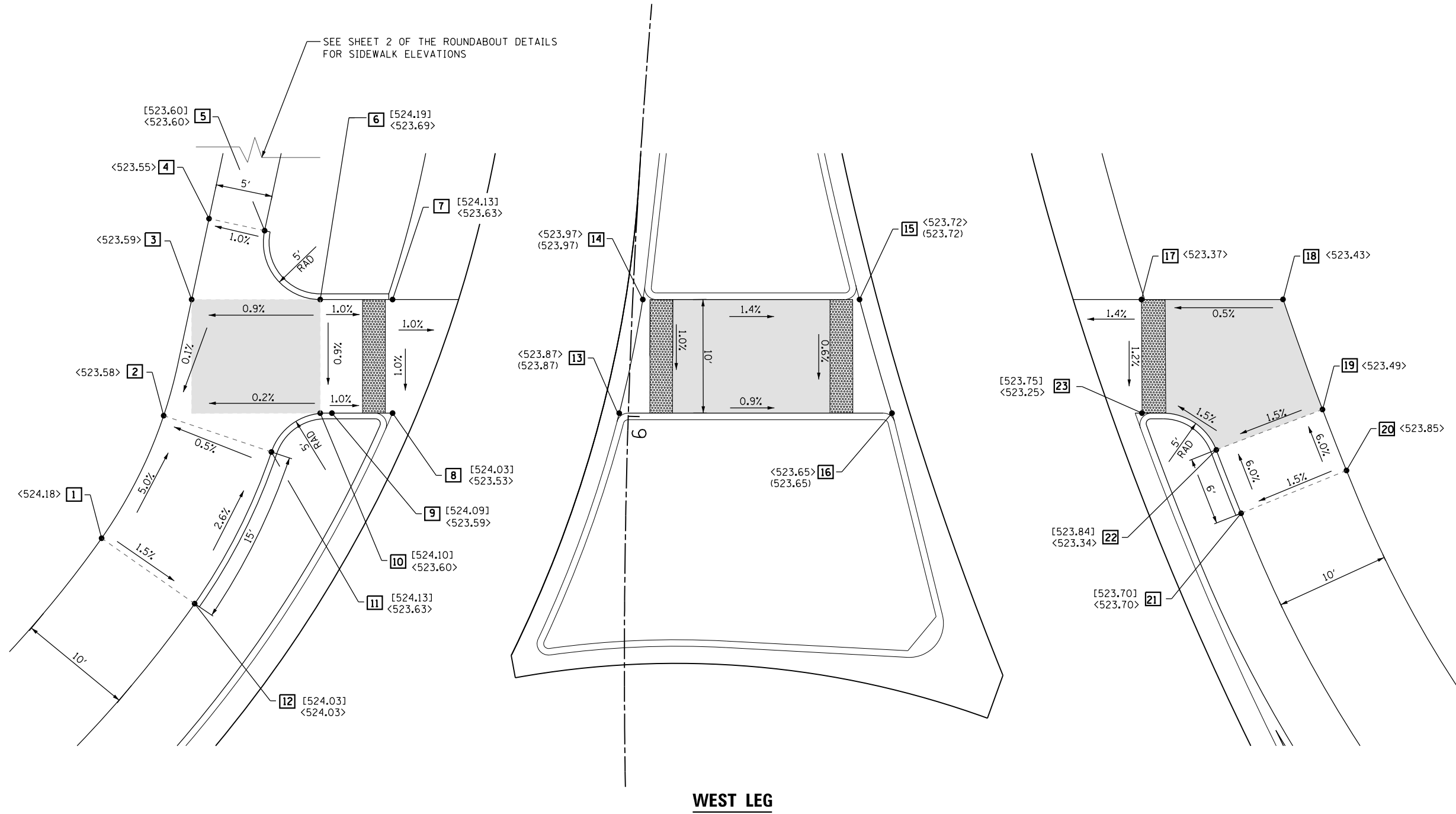
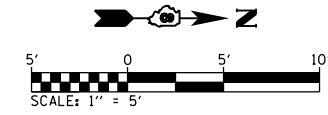
PLAN SHEET LEGEND

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2% MAX ALL DIRECTIONS)

SW CURB RAMP		
PT NO.	STATION	OFFSET(+/-)
1	9+11.4	+46.1
2	9+01.2	+40.8
3	8+91.4	+38.8
4	8+84.6	+37.6
5	8+85.4	+32.6
6	8+90.9	+27.5
7	8+90.7	+21.1
8	9+00.4	+20.7
9	9+00.5	26.1
10	9+00.6	+27.1
11	9+03.9	+31.3
12	9+16.8	+37.8

W CURB RAMP		
PT NO.	STATION	OFFSET(+/-)
13	8+89.7	+0.9
14	8+88.8	-19.9
15	8+99.8	-0.8
16	8+99.0	-23.2

NW CURB RAMP		
PT NO.	STATION	OFFSET(+/-)
17	8+87.5	-44.7
18	8+86.9	-57.1
19	8+97.3	-61.0
20	9+03.1	-63.3
21	9+07.4	-54.1
22	9+01.5	-51.8
23	8+98.2	-45.2



WEST LEG

MODEL: D:\h\h\1676-Highland Roundabout\Microstation\CADD Drawings\2018\176-SW-Ramp Data\176sw.dgn
 FILE NAME: 176-SW-Ramp Data\176sw.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = nrick.moore	DESIGNED -	REVISED -
PLOT SCALE = 10,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BROADWAY RAMP DETAILS	
SCALE: 1"=5'	SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 8846	SECTION 17-00070-00-PV	COUNTY MADISON	TOTAL SHEETS 55	SHEET NO. 34
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

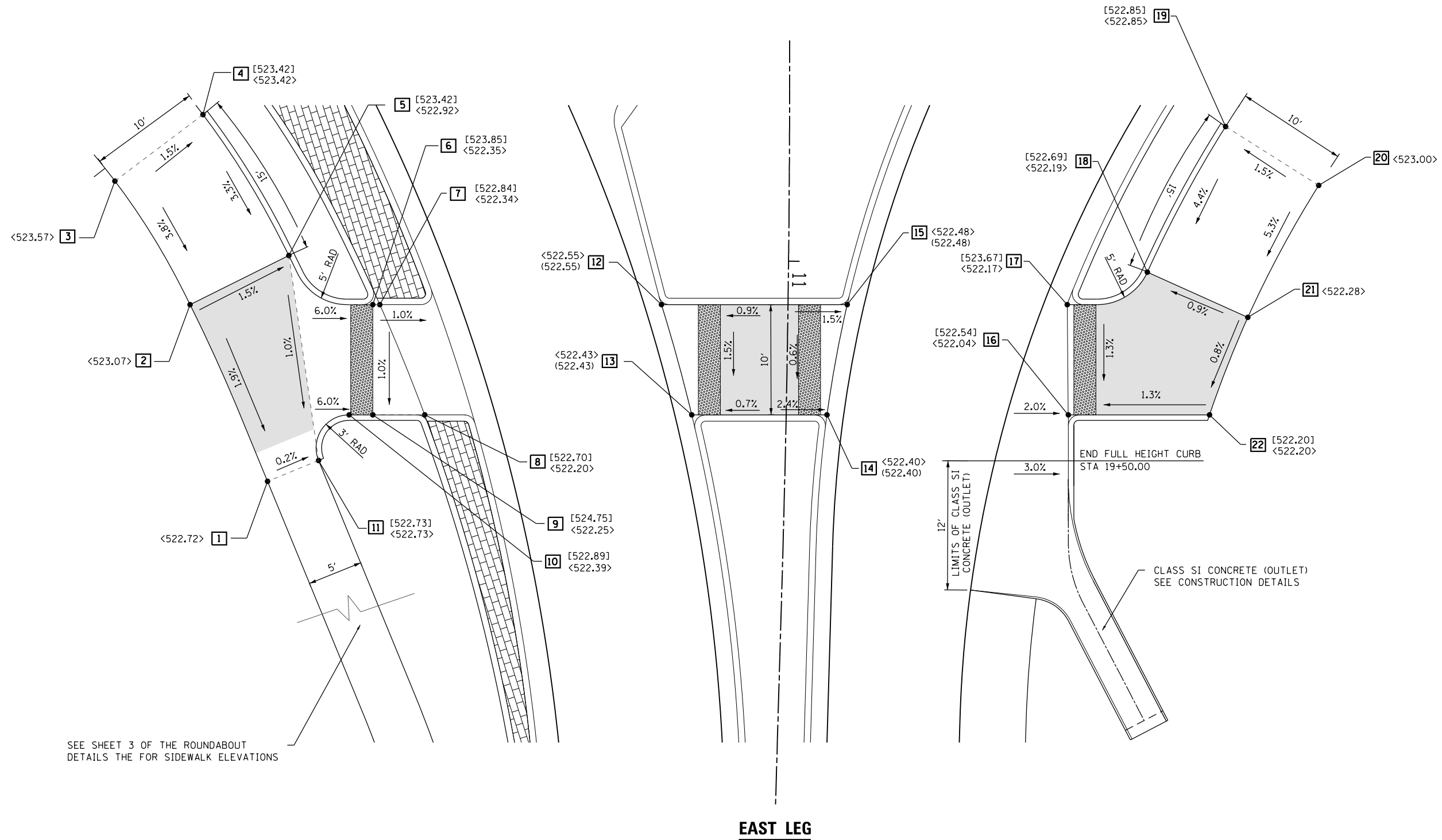
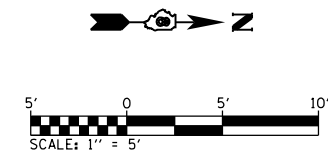
PLAN SHEET LEGEND

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2% MAX ALL DIRECTIONS)

SE CURB RAMP		
PT NO.	STATION	OFFSET (+/-)
1	11+21.13	+46.9
2	11+04.71	+54.2
3	10+93.2	+61.2
4	10+86.9	+53.2
5	11+00.0	+45.3
6	11+04.5	+37.7
7	11+04.5	+37.0
8	11+14.6	+32.8
9	11+14.7	+37.5
10	11+14.8	+39.6
11	11+19.1	+43.3

E CURB RAMP		
PT NO.	STATION	OFFSET (+/-)
12	11+04.1	+11.5
13	11+03.9	+5.4
14	11+14.1	-8.6
15	11+13.9	-3.7

NE CURB RAMP		
PT NO.	STATION	OFFSET (+/-)
16	11+13.44	-25.6
17	11+03.6	-25.3
18	11+00.6	-32.6
19	10+87.7	-39.6
20	10+92.8	-48.0
21	11+04.5	-41.7
22	11+13.2	-38.4



SEE SHEET 3 OF THE ROUNDABOUT DETAILS THE FOR SIDEWALK ELEVATIONS

MODEL: Detail; FILE NAME: 17-0070-00-PV-16176-Highland Roundabout/Workstation/CADD/Drawings/2018/17-0070-00-PV-16176-SideRamp Data-East.dgn



USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 10,000' / 1"	DRAWN -	REVISED -
DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ST. ROSE ROAD
RAMP DETAILS**

SCALE: 1"=5' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-0070-00-PV	MADISON	55	35
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

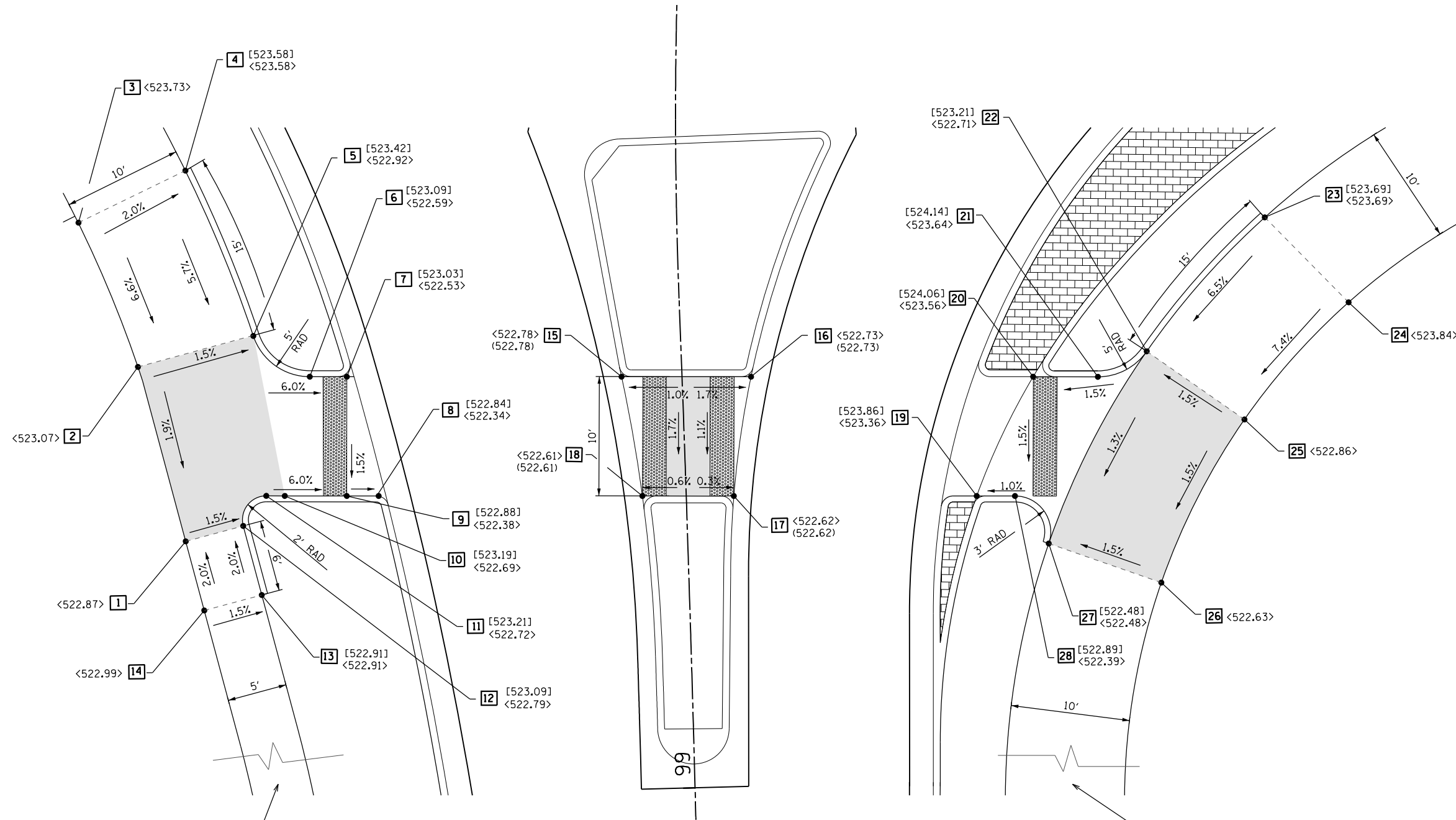
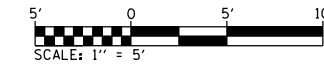
PLAN SHEET LEGEND

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2% MAX ALL DIRECTIONS)

SW CURB RAMP		
PT NO.	STATION	OFFSET (+/-)
1	99+22.1	-42.1
2	99+37.0	-45.6
3	99+48.4	-50.2
4	99+52.2	-41.2
5	99+39.3	-35.8
6	99+35.7	-31.2
7	99+35.5	-28.1
8	99+25.4	-26.0
9	99+25.7	-35.2
10	99+25.6	-33.7
11	99+25.0	-36.8
12	99+23.2	-37.2
13	99+17.3	-35.9
14	99+16.7	-40.7

S CURB RAMP		
PT NO.	STATION	OFFSET (+/-)
15	99+34.68	-5.1
16	99+34.28	+5.8
17	99+21.61	+3.7
18	99+24.35	-4.0

SE CURB RAMP		
PT NO.	STATION	OFFSET (+/-)
19	99+23.7	+24.4
20	99+33.4	+29.4
21	99+33.2	+34.9
22	99+35.2	+39.0
23	99+46.7	+49.3
24	99+38.6	+56.1
25	99+29.25	+47.0
26	99+16.0	+39.6
27	99+19.5	+30.3
28	99+23.6	+27.6



SEE SHEET 4 OF THE ROUNDABOUT DETAILS FOR THE SIDEWALK ELEVATIONS

SEE SHEET 4 OF THE ROUNDABOUT DETAILS FOR THE SHARED-USE PATH ELEVATIONS

SOUTH LEG

MODEL: D:\delin\1676-Highland Roundabout\Microstation\CADD\Drawings\2018\1676-SH-Ramp Data\South.dgn



USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 10,0000' / ft.	DRAWN -	REVISED -
DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

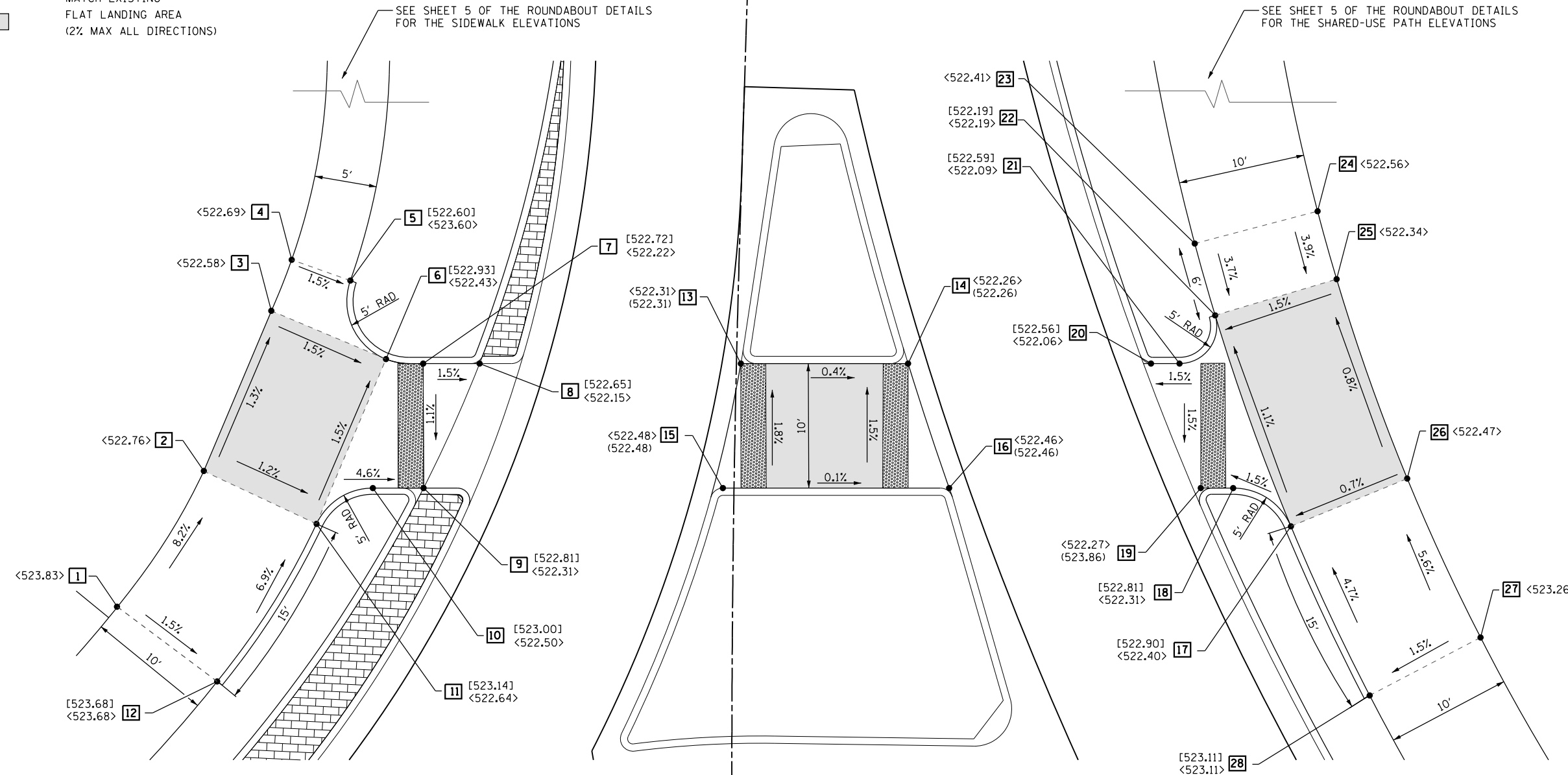
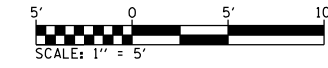
**IBERG ROAD
RAMP DETAILS**

SCALE: 1"=5' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	36
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

PLAN SHEET LEGEND

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2% MAX ALL DIRECTIONS)



NORTH LEG

101

NW CURB RAMP		
PT NO.	STATION	OFFSET (+/-)
1	101+29.1	-49.4
2	101+39.8	-42.6
3	101+52.4	-37.4
4	101+56.4	-35.9
5	101+54.9	-31.2
6	101+48.8	-28.1
7	101+48.5	-25.1
8	101+48.6	-20.6
9	101+38.7	-24.9
10	101+38.6	-29.0
11	101+35.8	-33.5
12	101+23.4	-41.3

N CURB RAMP		
PT NO.	STATION	OFFSET (+/-)
13	101+49.1	+0.4
14	101+49.4	+13.8
15	101+39.1	-0.9
16	101+39.4	+17.3

NE CURB RAMP		
PT NO.	STATION	OFFSET (+/-)
17	101+36.6	+44.8
18	101+39.7	+40.1
19	101+39.7	+37.5
20	101+49.9	+33.3
21	101+49.9	+35.6
22	101+54.0	+38.3
23	101+59.9	+36.5
24	101+62.8	+46.3
25	101+57.3	+48.0
26	101+40.8	+54.0
27	101+27.5	+60.1
28	101+22.6	+51.2

MODEL: D:\delin\1676-Highland Roundabout\Map\MapStation\CADD\Drawings\0816176-SideRamp Data\North1.dgn



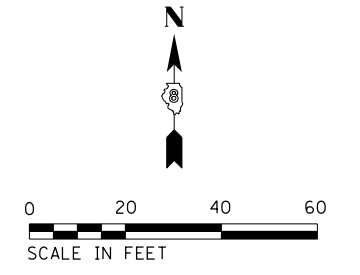
USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 10,000' / 1"	DRAWN -	REVISED -
DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

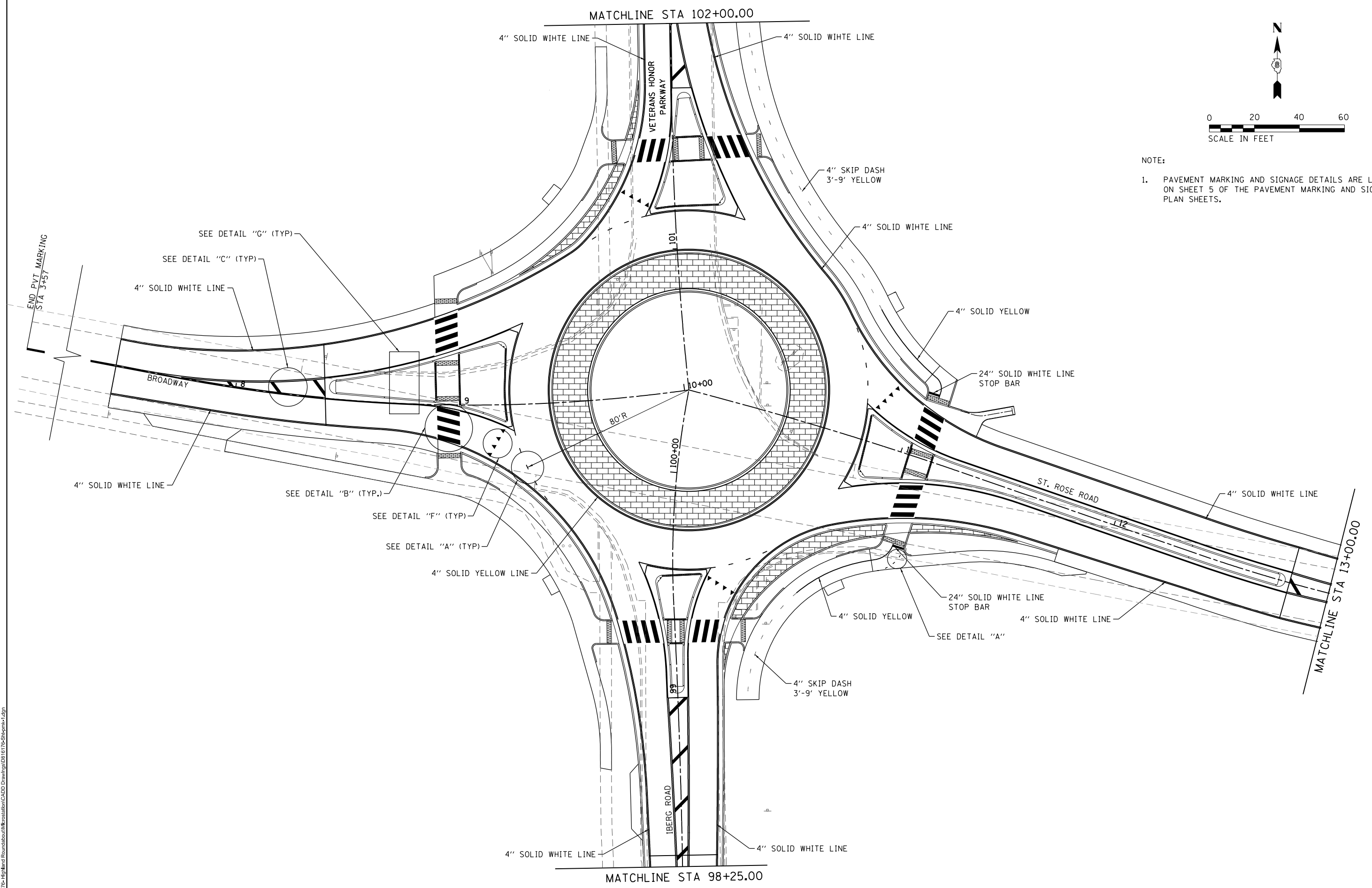
**VETERANS HONORS PARKWAY
RAMP DETAILS**

SCALE: 1"=5' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-0070-00-PV	MADISON	55	37
CONTRACT NO. 07686				
ILLINOIS		FED. AID PROJECT		



NOTE:
 1. PAVEMENT MARKING AND SIGNAGE DETAILS ARE LOCATED ON SHEET 5 OF THE PAVEMENT MARKING AND SIGNAGE PLAN SHEETS.



MODEL: D:\delin\...
 FILE NAME: P:\CS\16176-Highland Roundabout\Microstation\CADD\Drawings\DR16176-Shtpmb-1.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = nlc.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

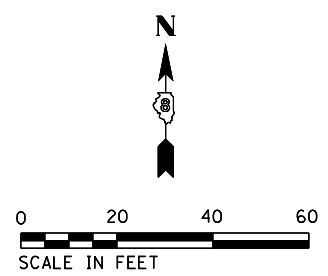
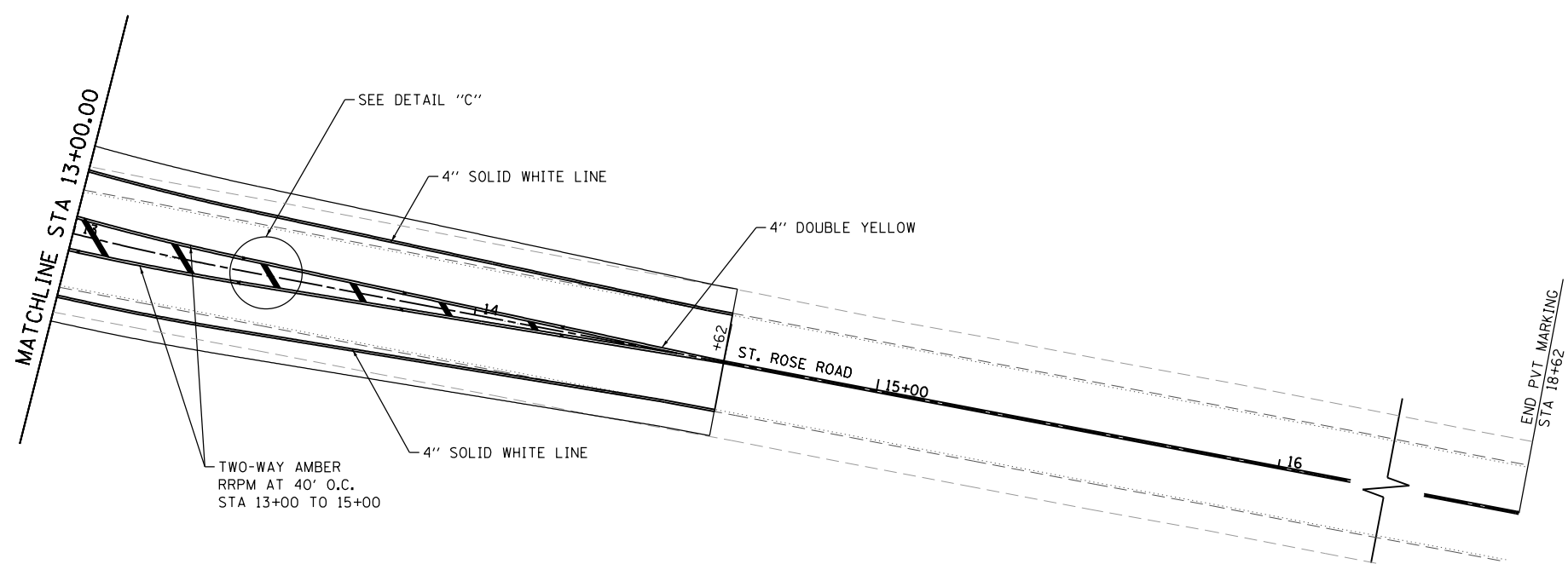
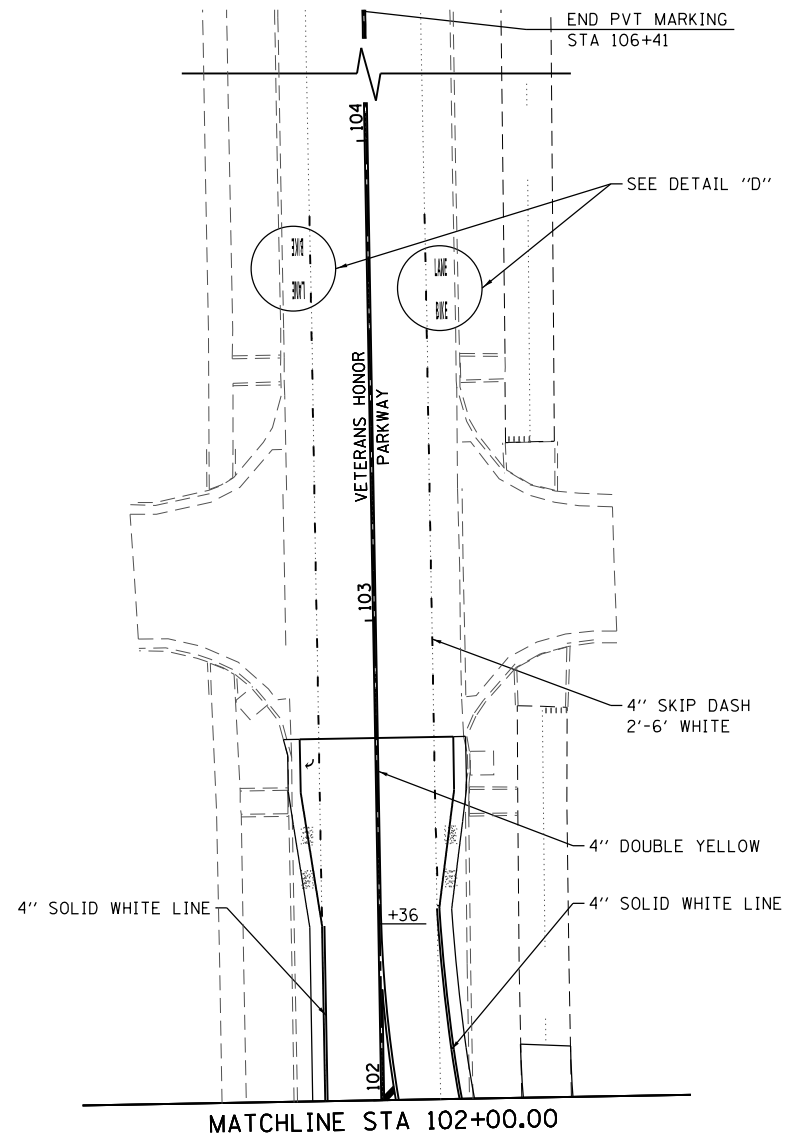
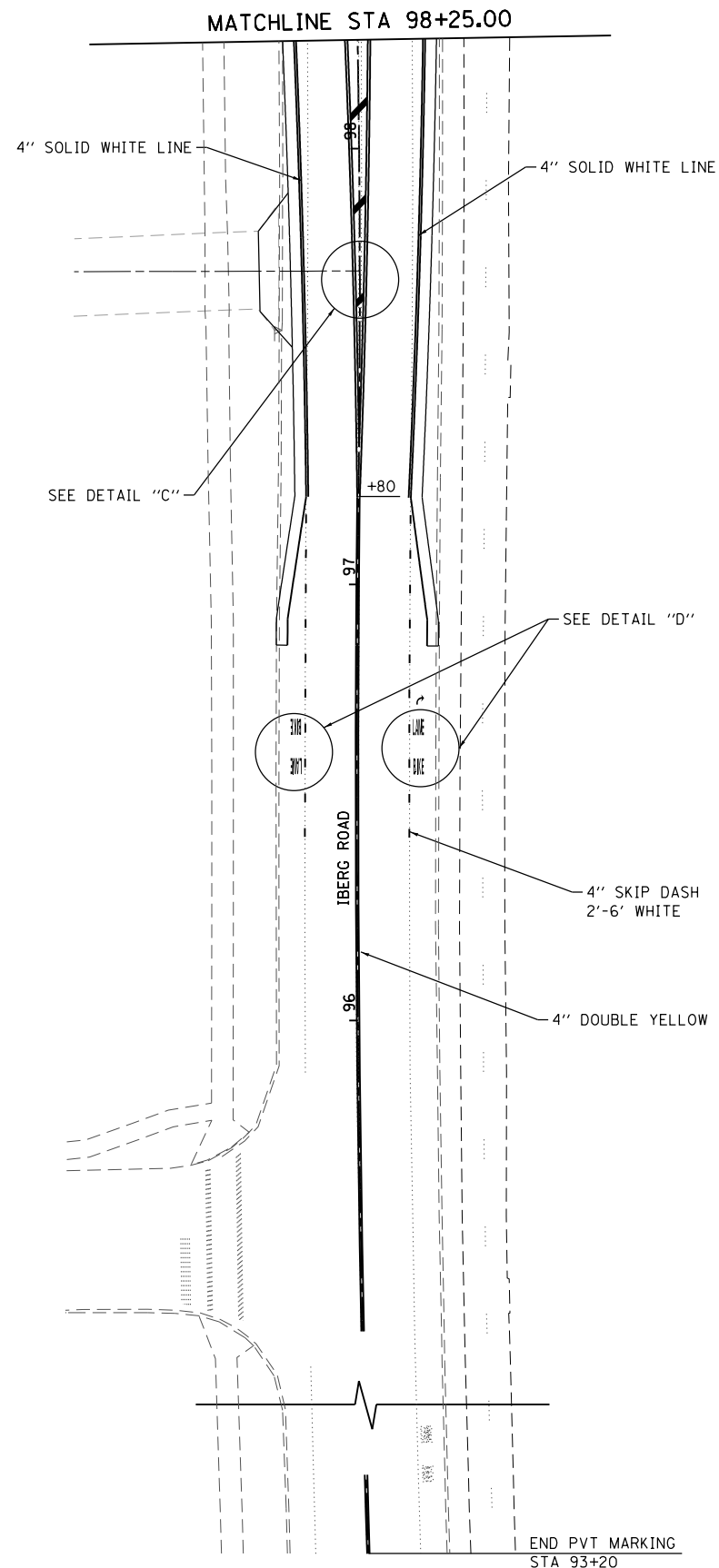
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNAGE PLAN SHEETS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	38
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



NOTE:
 1. PAVEMENT MARKING AND SIGNAGE DETAILS ARE LOCATED ON SHEET 5 OF THE PAVEMENT MARKING AND SIGNAGE PLAN SHEETS.

MODEL: D:\proj\1676-Highland Roundabout\Microsoft\CADD\Drawings\DR16176-SHpmk2.dgn
 FILE NAME: 1676-1676-Highland Roundabout\Microsoft\CADD\Drawings\DR16176-SHpmk2.dgn



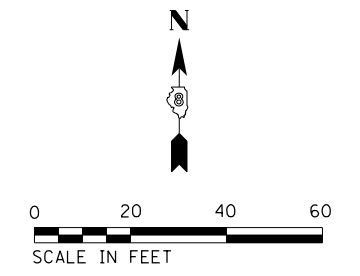
USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' = 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

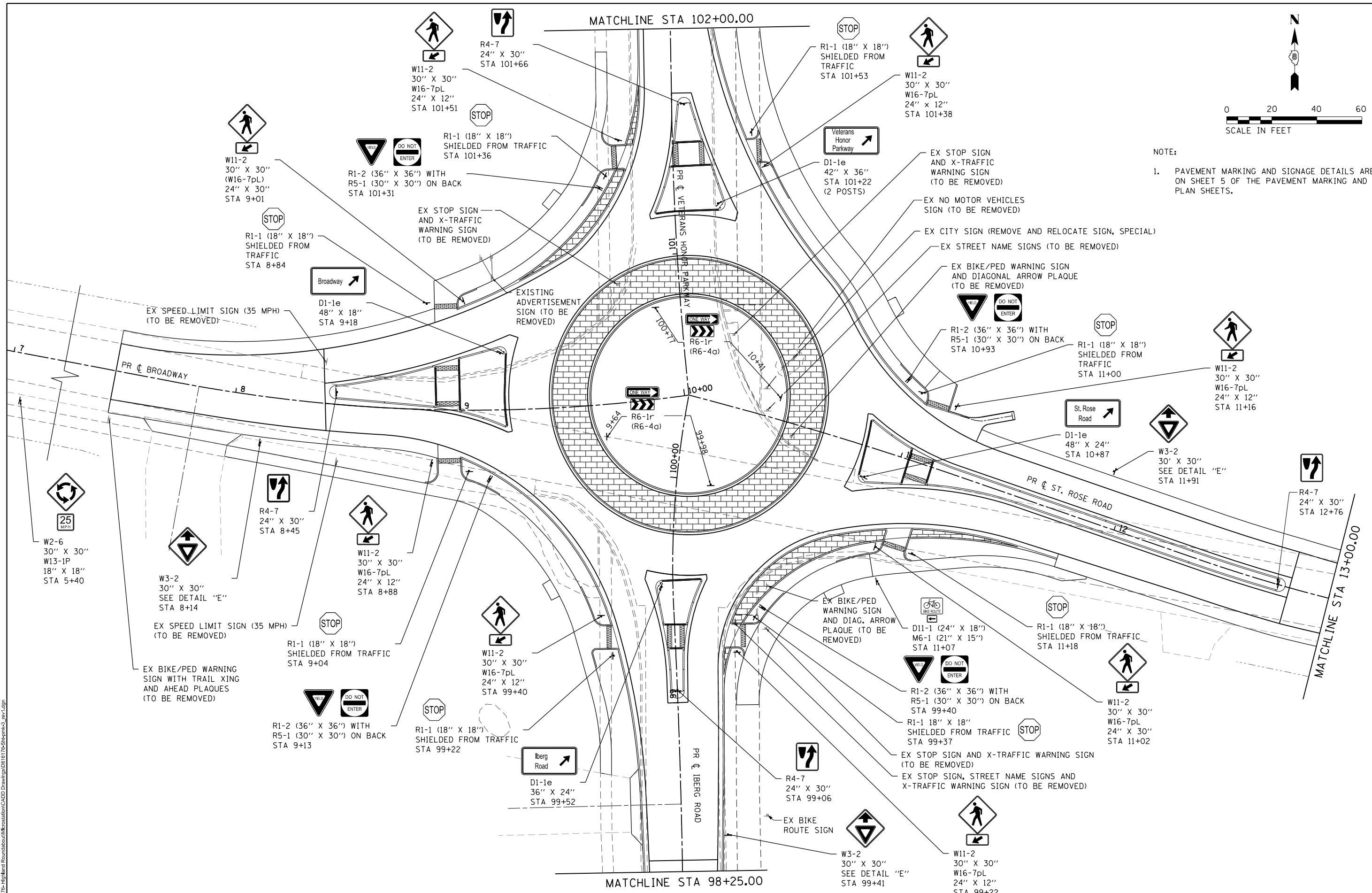
PAVEMENT MARKING AND SIGNAGE PLAN SHEETS

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-PV	MADISON	55	39
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



NOTE:
 1. PAVEMENT MARKING AND SIGNAGE DETAILS ARE LOCATED ON SHEET 5 OF THE PAVEMENT MARKING AND SIGNAGE PLAN SHEETS.



MODEL: D:\delin\...
 FILE NAME: P:\16176-Highland Roundabout\MicroStation\CADD\Drawings\DR16176-Signs3_rev1.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



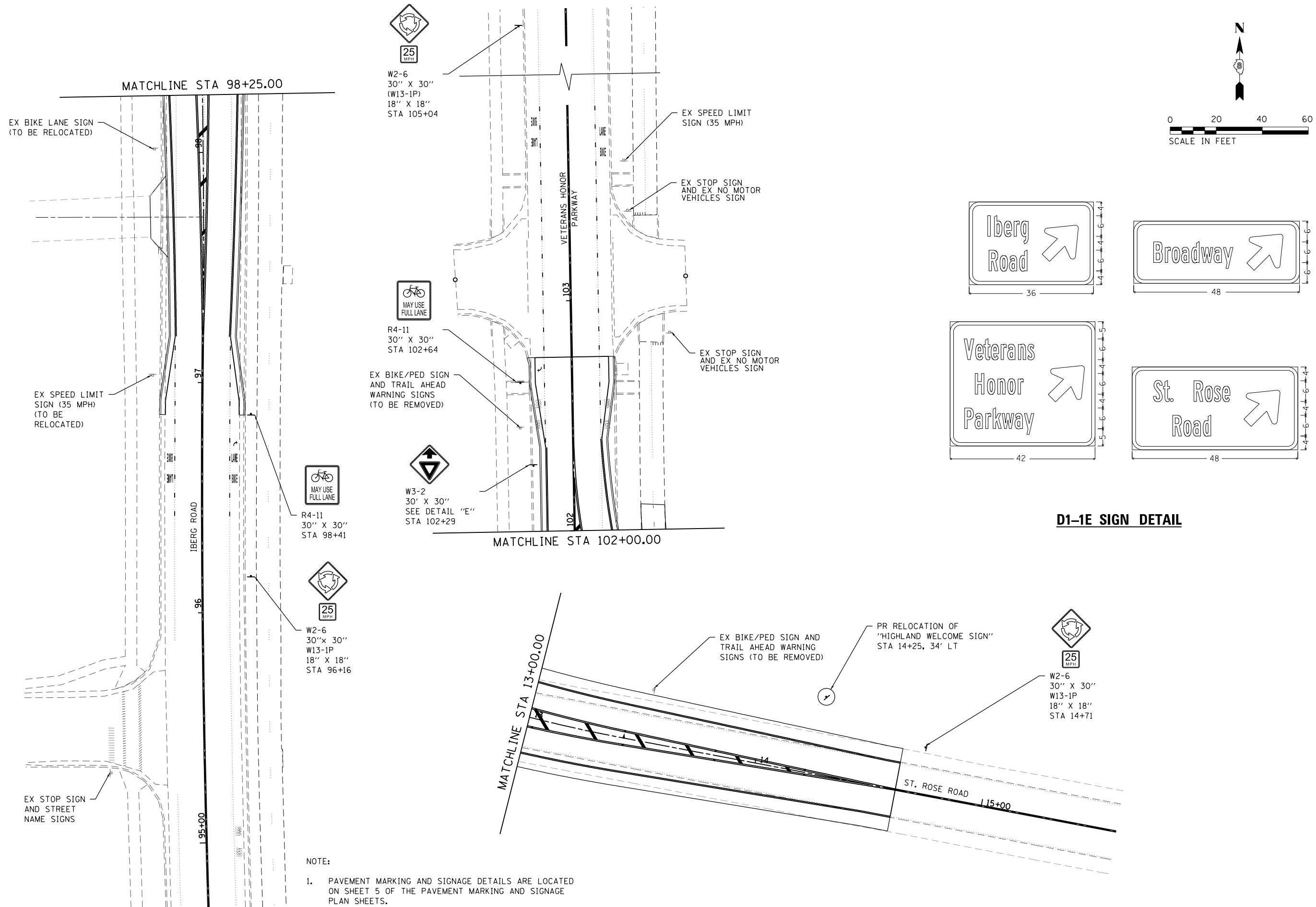
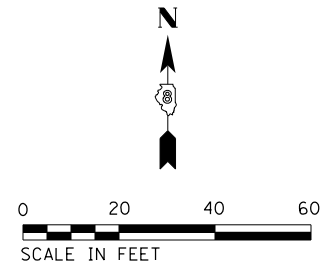
USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / 1"	DRAWN -	REVISED -
DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

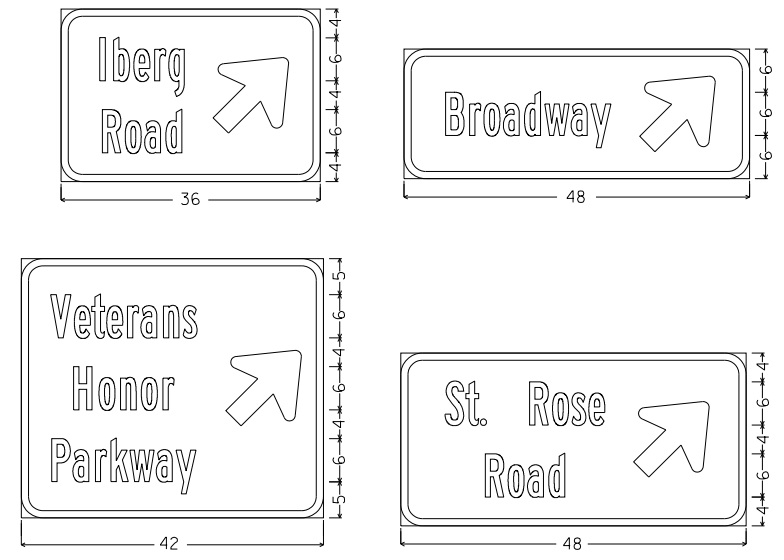
PAVEMENT MARKING AND SIGNAGE PLAN SHEETS

SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	54	40
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



D1-1E SIGN DETAIL



NOTE:
 1. PAVEMENT MARKING AND SIGNAGE DETAILS ARE LOCATED ON SHEET 5 OF THE PAVEMENT MARKING AND SIGNAGE PLAN SHEETS.

MODEL: D:\delm...
 FILE NAME: P:\16176- Highland Roundabout\Microstation\CADD\Drawings\2018\16176-Signage-4_rev1.dgn



USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

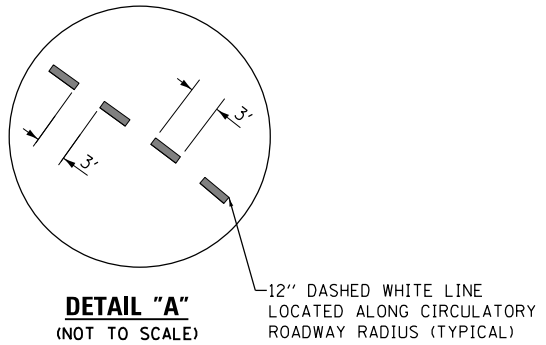
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

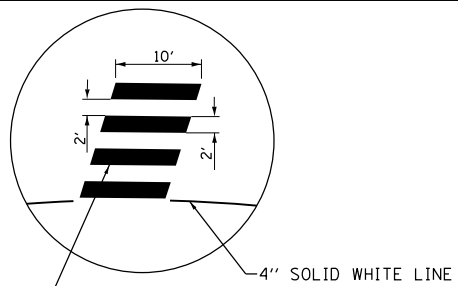
PAVEMENT MARKING AND SIGNAGE PLAN SHEETS

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. TO STA.

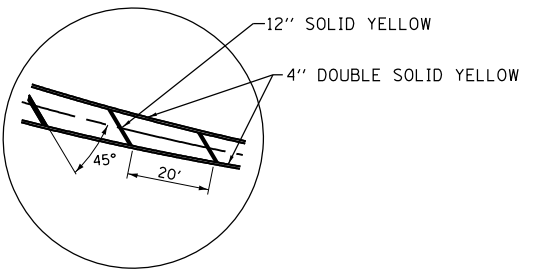
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	41
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



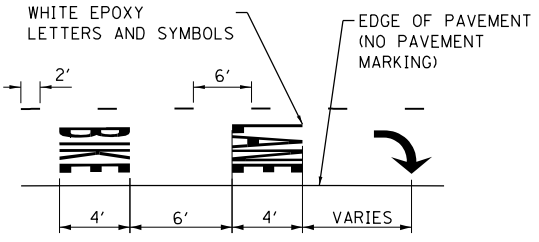
DETAIL "A"
(NOT TO SCALE)
12" DASHED WHITE LINE
LOCATED ALONG CIRCULATORY
ROADWAY RADIUS (TYPICAL)



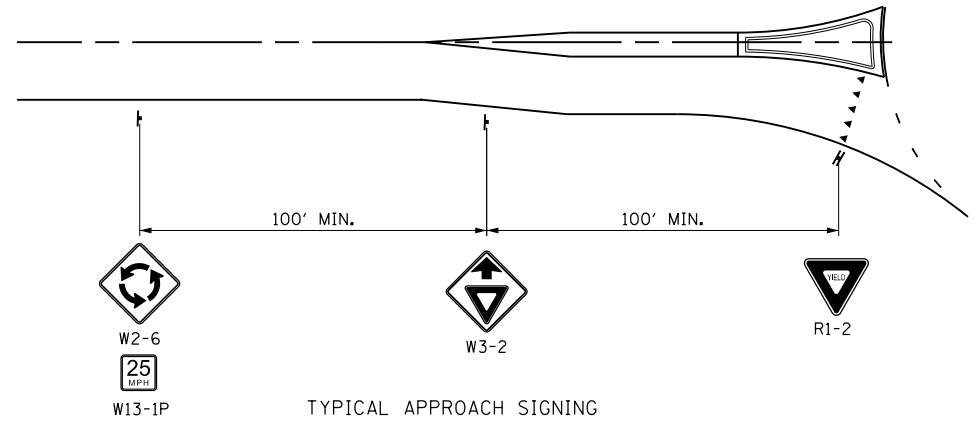
24" SOLID WHITE LINE
DETAIL "B"
(NOT TO SCALE)
4" SOLID WHITE LINE



12" SOLID YELLOW
4" DOUBLE SOLID YELLOW
DETAIL "C"
(NOT TO SCALE)



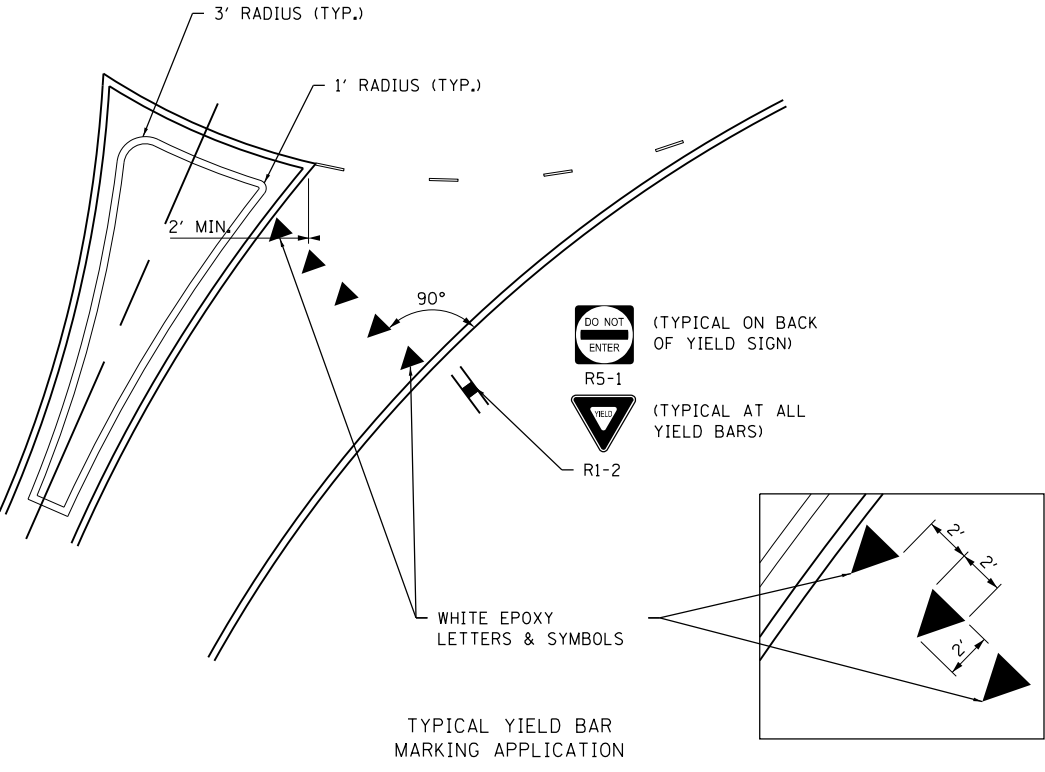
WHITE EPOXY
LETTERS AND SYMBOLS
EDGE OF PAVEMENT
(NO PAVEMENT
MARKING)
DETAIL "D"
(NOT TO SCALE)



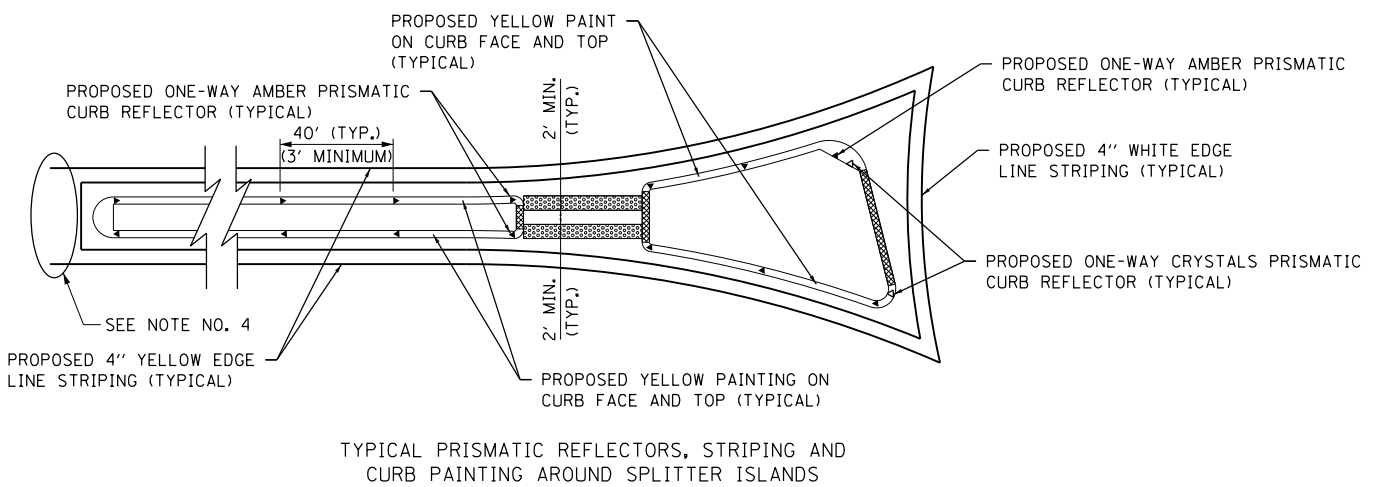
W2-6
W13-1P
W3-2
R1-2
TYPICAL APPROACH SIGNING

NOTES:
1. 100' MINIMUM FROM YIELD AHEAD SIGN (W3-2A) OR END OF SPLITTER ISLAND, WHICHEVER IS GREATER DISTANCE FROM THE INTERSECTION.

DETAIL "E"
(NOT TO SCALE)



3' RADIUS (TYP.)
1' RADIUS (TYP.)
2' MIN.
90°
DO NOT ENTER (TYPICAL ON BACK OF YIELD SIGN)
R5-1
YIELD (TYPICAL AT ALL YIELD BARS)
R1-2
WHITE EPOXY LETTERS & SYMBOLS
TYPICAL YIELD BAR MARKING APPLICATION
DETAIL "F"
(NOT TO SCALE)



PROPOSED YELLOW PAINT ON CURB FACE AND TOP (TYPICAL)
PROPOSED ONE-WAY AMBER PRISMATIC CURB REFLECTOR (TYPICAL)
PROPOSED ONE-WAY CRYSTAL PRISMATIC CURB REFLECTOR (TYPICAL)
PROPOSED 4" WHITE EDGE LINE STRIPING (TYPICAL)
PROPOSED 4" YELLOW EDGE LINE STRIPING (TYPICAL)
PROPOSED YELLOW PAINTING ON CURB FACE AND TOP (TYPICAL)
TYPICAL PRISMATIC REFLECTORS, STRIPING AND CURB PAINTING AROUND SPLITTER ISLANDS

NOTES:
1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE CRYSTAL OR AMBER IN COLOR.
▶ ONE-WAY CRYSTAL PRISMATIC CURB REFLECTOR
▶ ONE-WAY AMBER PRISMATIC CURB REFLECTOR
3. CURB FACE AND TOP SHALL BE PAINTED AS PER THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". SPLITTER ISLANDS AND MEDIAN SURFACES CAN BE UNPAINTED OR IF PAINTED, SHALL NOT BE SIMILAR COLOR TO THE TRUCK APRONS.
■ WHITE PAINTING ON CURB FACE AND TOP
4. SEE PAVEMENT MARKING PLANS FOR PAVEMENT MARKINGS IN THE VICINITY OF THE SPLITTER ISLANDS.

DETAIL "G"
(NOT TO SCALE)

MODEL: Detail.dwg FILE NAME: P:\1676-Highland Roundabout\Mapstation\CADD\Drawings\0816176-Shimbo5_rev1.dwg



USER NAME = nlsk.moore	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 / 1in.	CHECKED -	REVISED -
DATE = 11/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLAN SHEETS

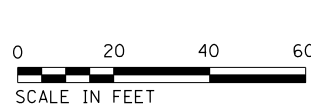
SCALE: NTS SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-0070-00-PV	MADISON	55	42
CONTRACT NO. 07686				

ILLINOIS FED. AID PROJECT

LEGEND

- X** PROPOSED SPRINKLER HEAD
- UNDERGROUND PVC CONDUIT, OF SIZE SPECIFIED



CONSTRUCTION NOTES

- CONDUITS, WATERMAINS, AND WATER SERVICE LINES SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF ROUNDABOUT PAVEMENT AND APPURTENANCES.

WATER VALVES TO BE ADJUSTED
EX TOP 522.44
PR TOP 523.45

PR RPZ DEVICE
(ENCASE WITHIN DECORATIVE ROCK)
PR MANIFOLD
(ENCASE WITHIN ACCESS PANEL)

UTILITY & DRAINAGE ESMT
PB 62 PG 54

UTILITY & DRAINAGE ESMT
PB 65 PG 121

UTILITY & DRAINAGE ESMT
PB 40 PG 47

WATER VALVES TO BE ADJUSTED
EX TOP 521.77
PR TOP 524.18

WATER VALVES TO BE ADJUSTED
EX TOP 521.93
PR TOP 524.13

WATER VALVES TO BE ADJUSTED
EX TOP 521.99
PR TOP 524.92

1 EA - BOLLARD
STA 9+42.40
63.6' RT

1 EA - BOLLARD
STA 9+45.15
63.7' RT

175 LF UC
PVC 2"

17 LF UC
PVC 2"

ROTTMANN, JANE
PARCEL NO. 01-2-24-04-12-201-017

IRRIGATION SYSTEM SUMMARY OF QUANTITIES

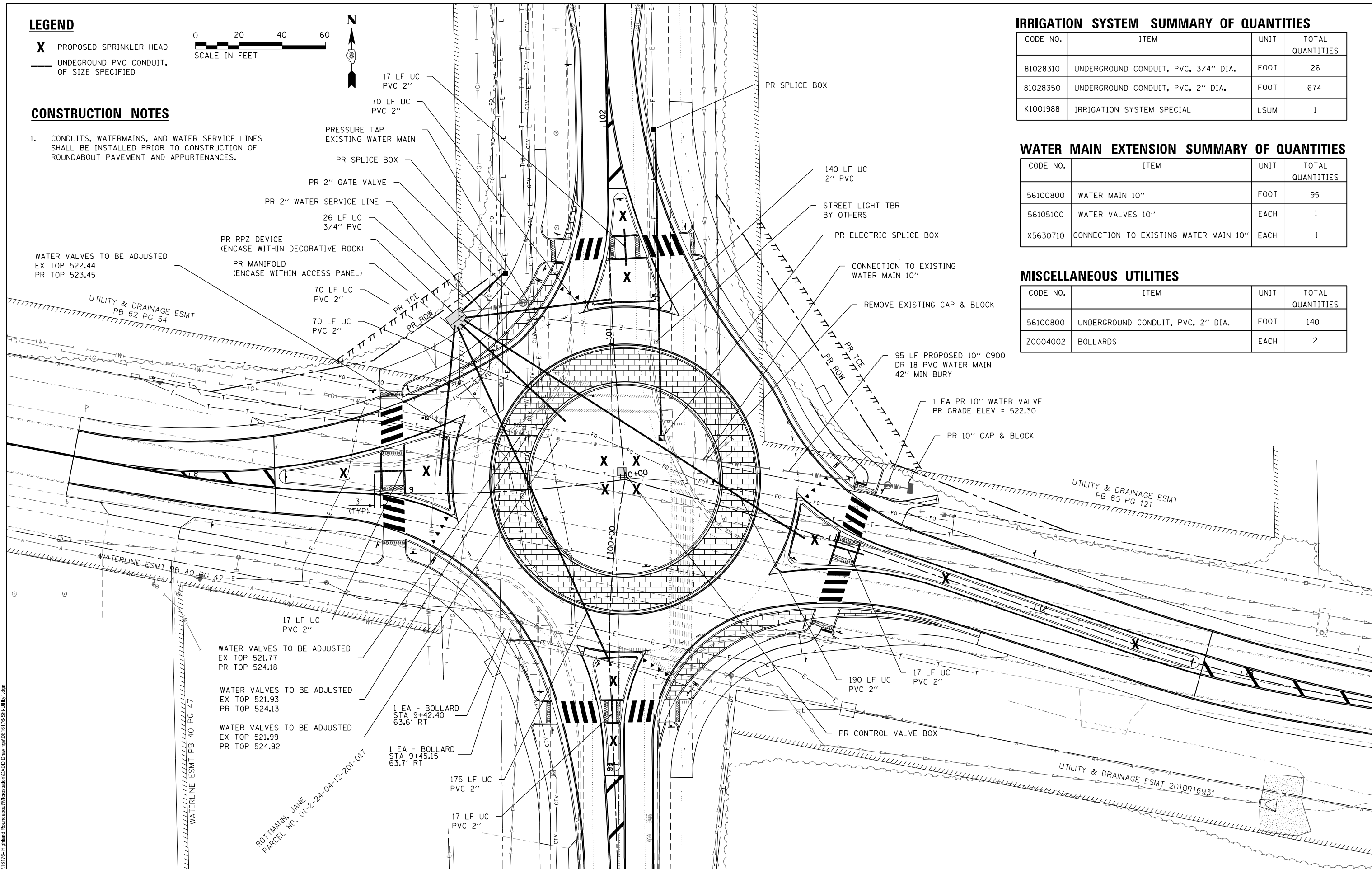
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	26
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	674
K1001988	IRRIGATION SYSTEM SPECIAL	LSUM	1

WATER MAIN EXTENSION SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
56100800	WATER MAIN 10"	FOOT	95
56105100	WATER VALVES 10"	EACH	1
X5630710	CONNECTION TO EXISTING WATER MAIN 10"	EACH	1

MISCELLANEOUS UTILITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
56100800	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	140
Z0004002	BOLLARDS	EACH	2



MODEL: D:\delin\...
 FILE NAME: ...
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = nick.moore
 PLOT SCALE = 40,000' / 1" = 11/6/2018

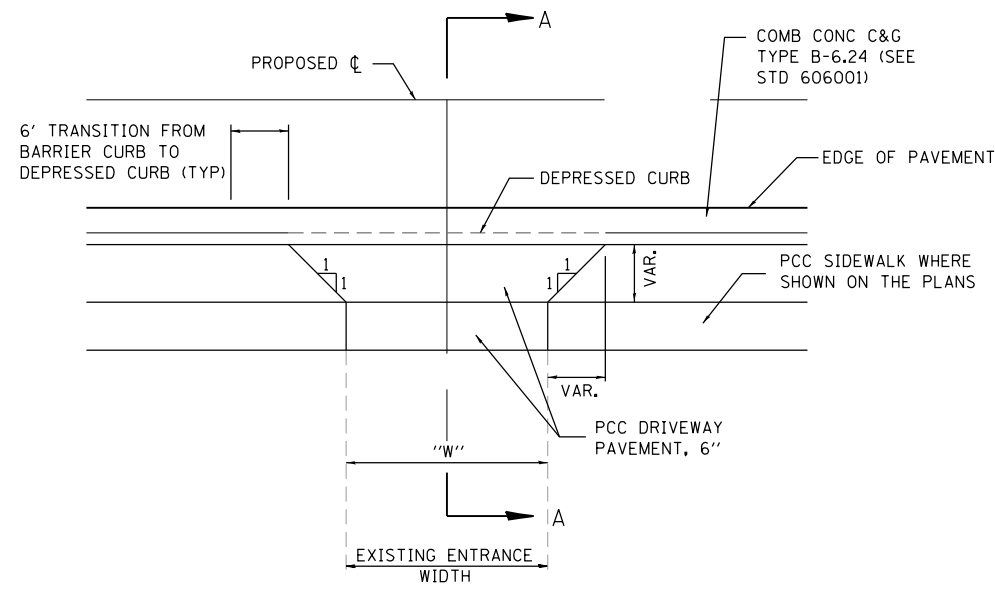
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

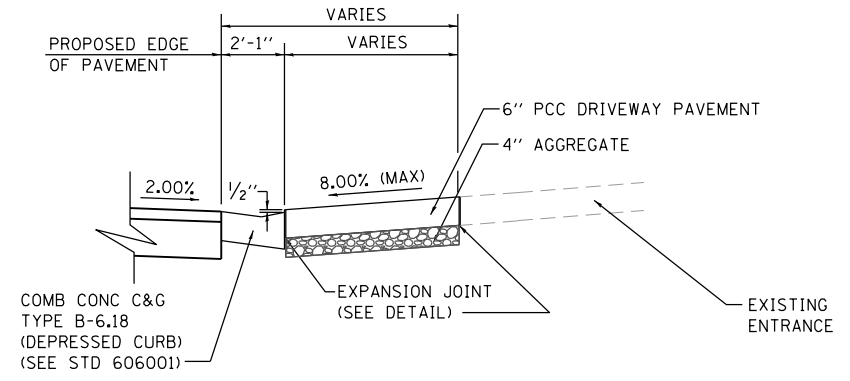
UTILITY PLAN SHEET

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

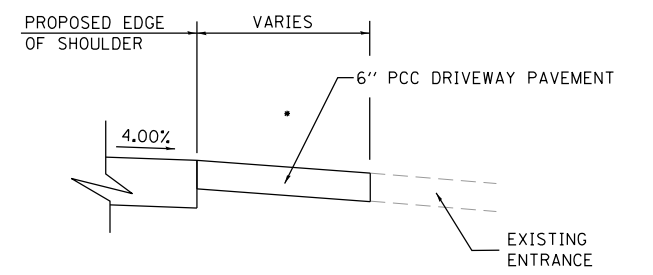
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	43
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				



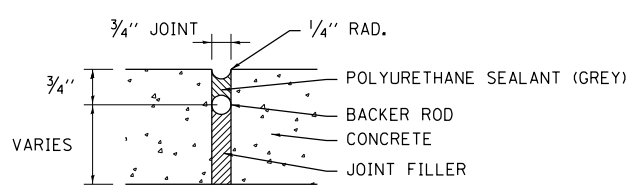
PRIVATE ENTRANCE (P.E.)
(NOT TO SCALE)



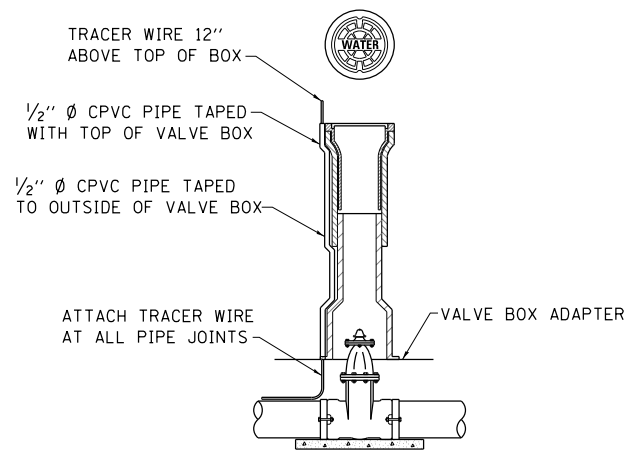
SECTION A-A • SEE CROSS SECTIONS FOR SLOPE
(NOT TO SCALE)



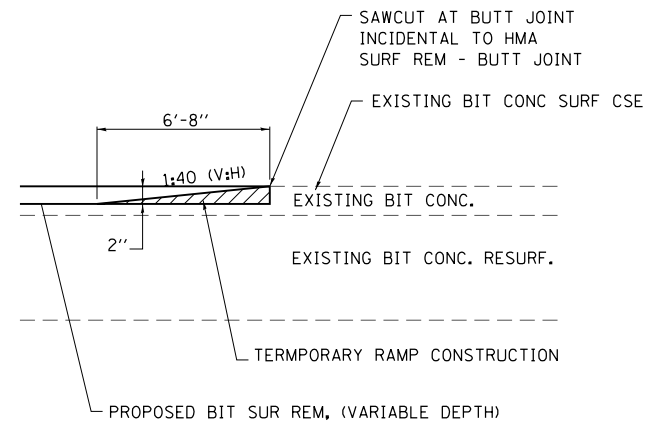
SECTION A-A • SEE CROSS SECTIONS FOR SLOPE
FOR SHOULDERS
(NOT TO SCALE)



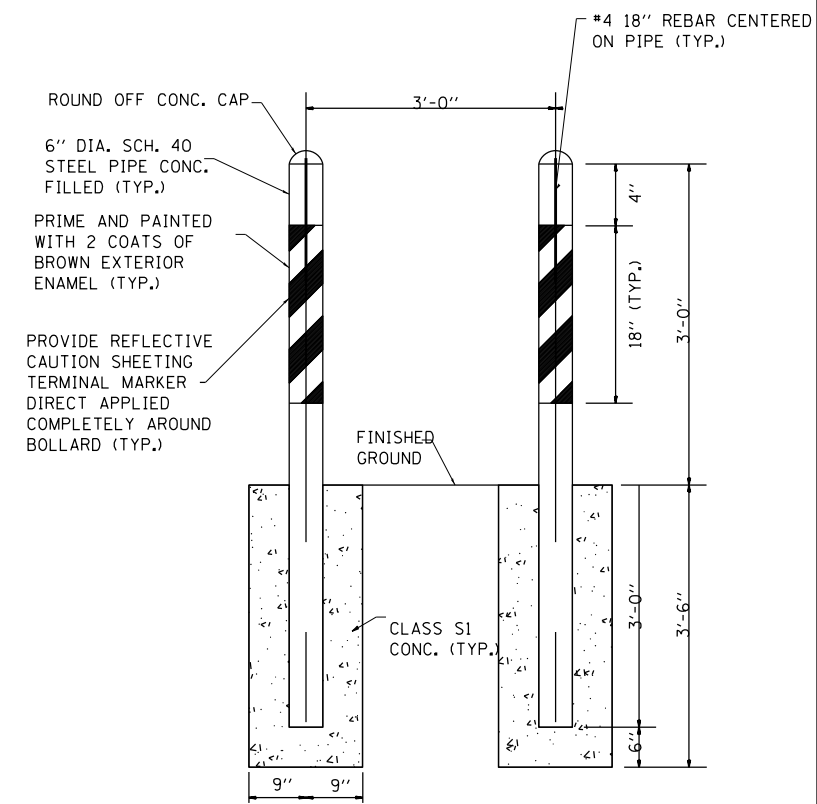
EXPANSION JOINT DETAIL
(NOT TO SCALE)



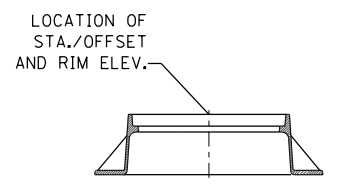
GATE VALVE INSTALLATION DETAIL



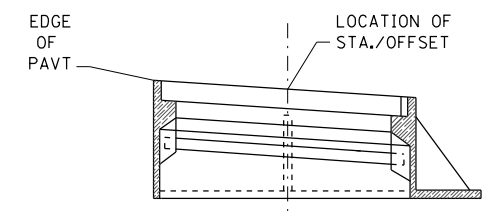
BUTT JOINT DETAIL
(NOT TO SCALE)



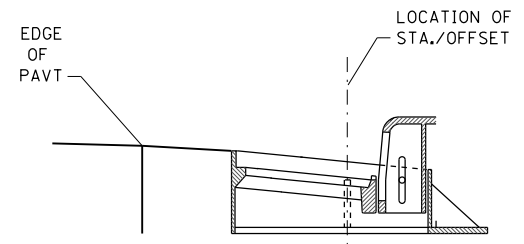
BOLLARD DETAIL
NOT TO SCALE



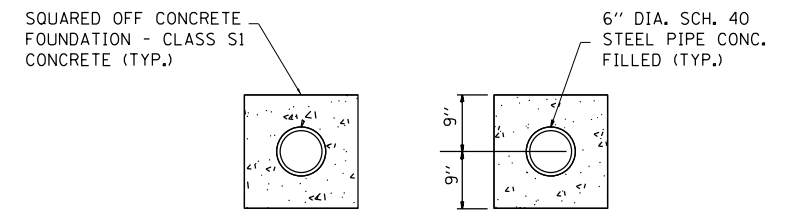
**TYPE 1 FRAME
OPENCLOSED LID**



FRAME AND GRATE TYPE 24



FRAME AND GRATE TYPE 3



BOLLARD PLAN VIEW DETAIL
NOT TO SCALE

MODEL: Detail FILE NAME: P:\1676-Highland Roundabout\Microstation\CADD\Drawings\2018\1676SH\Detail.dgn



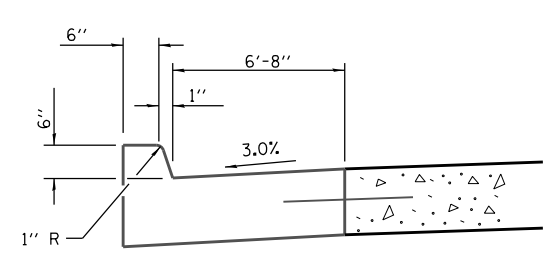
USER NAME = nrickmoore	DESIGNED -	REVISED -
PLOT SCALE = 40,0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

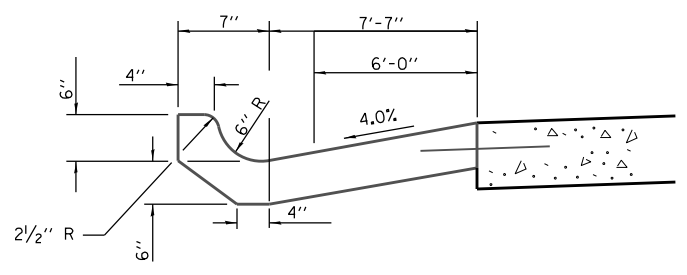
CONSTRUCTION DETAILS

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

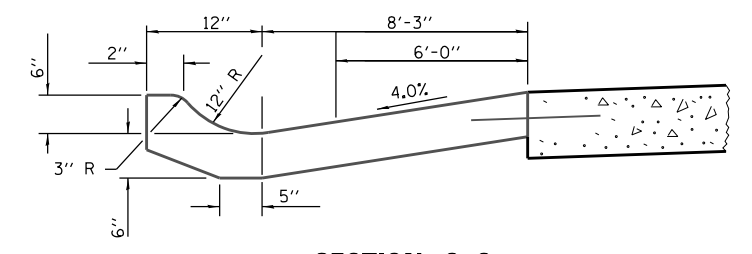
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	44
CONTRACT NO. 97686			ILLINOIS FED. AID PROJECT	



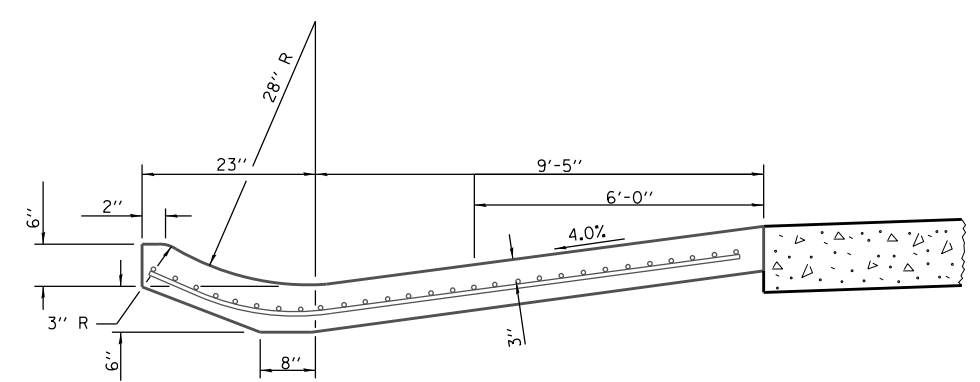
SECTION A-A



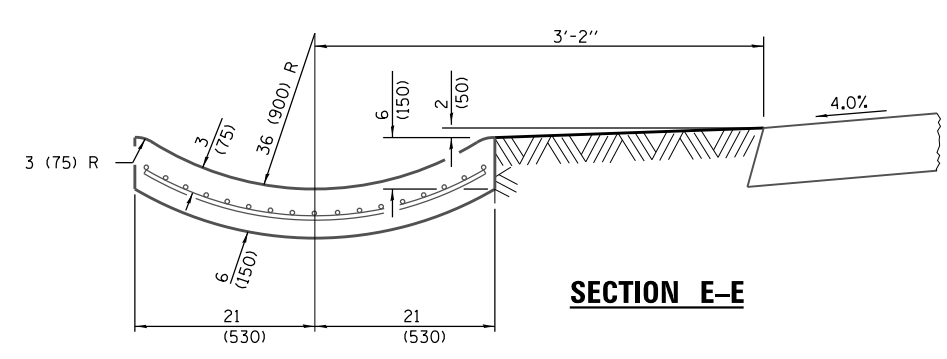
SECTION B-B



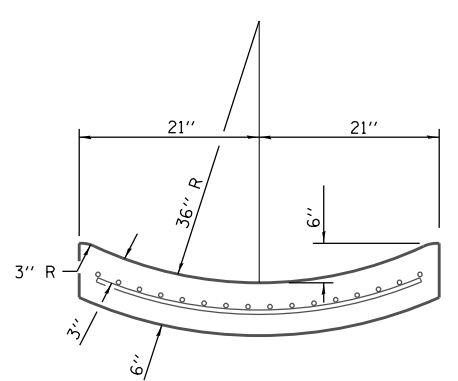
SECTION C-C



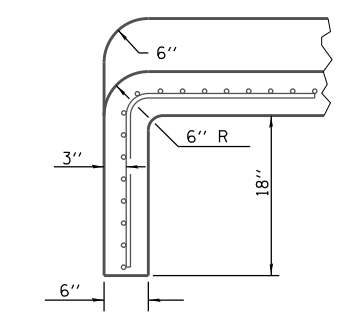
SECTION D-D



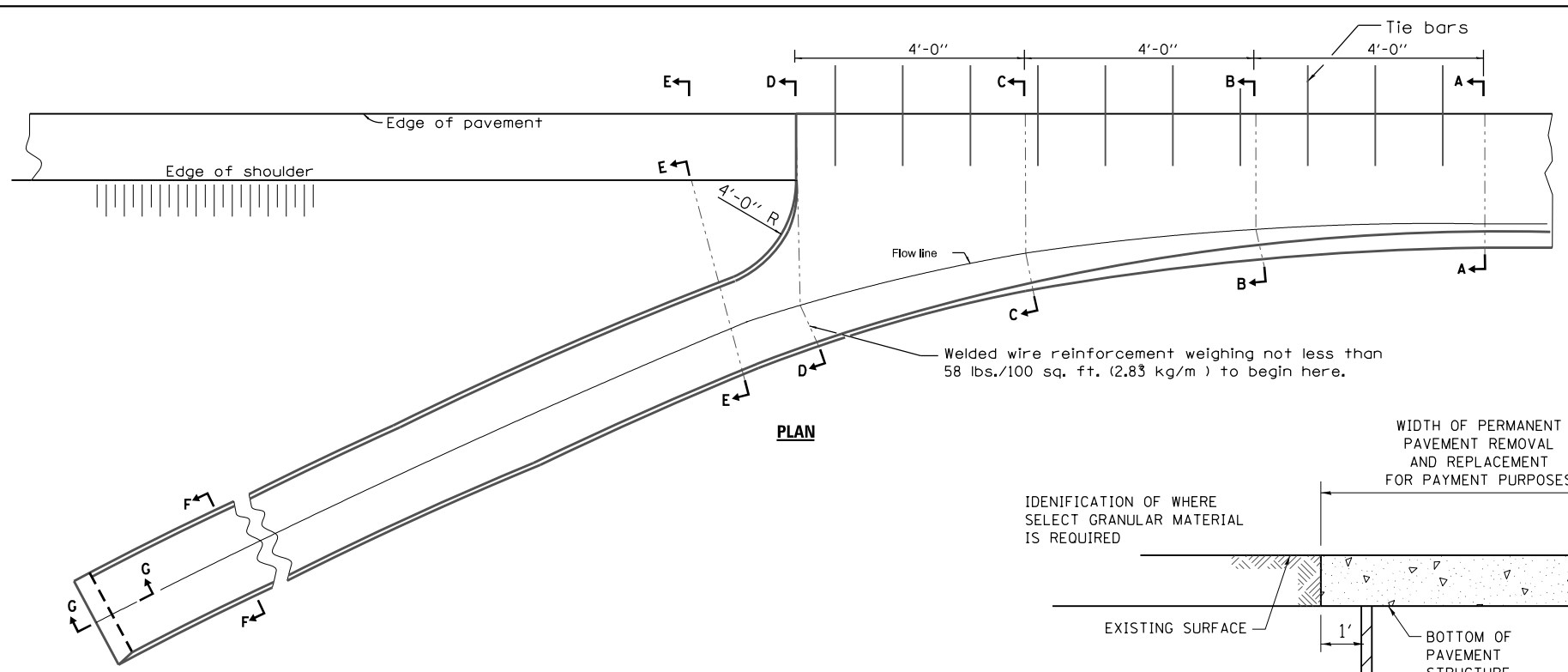
SECTION E-E



SECTION F-F



SECTION G-G



PLAN

**CONCRETE CURB AND GUTTER
OUTLET SPECIAL**

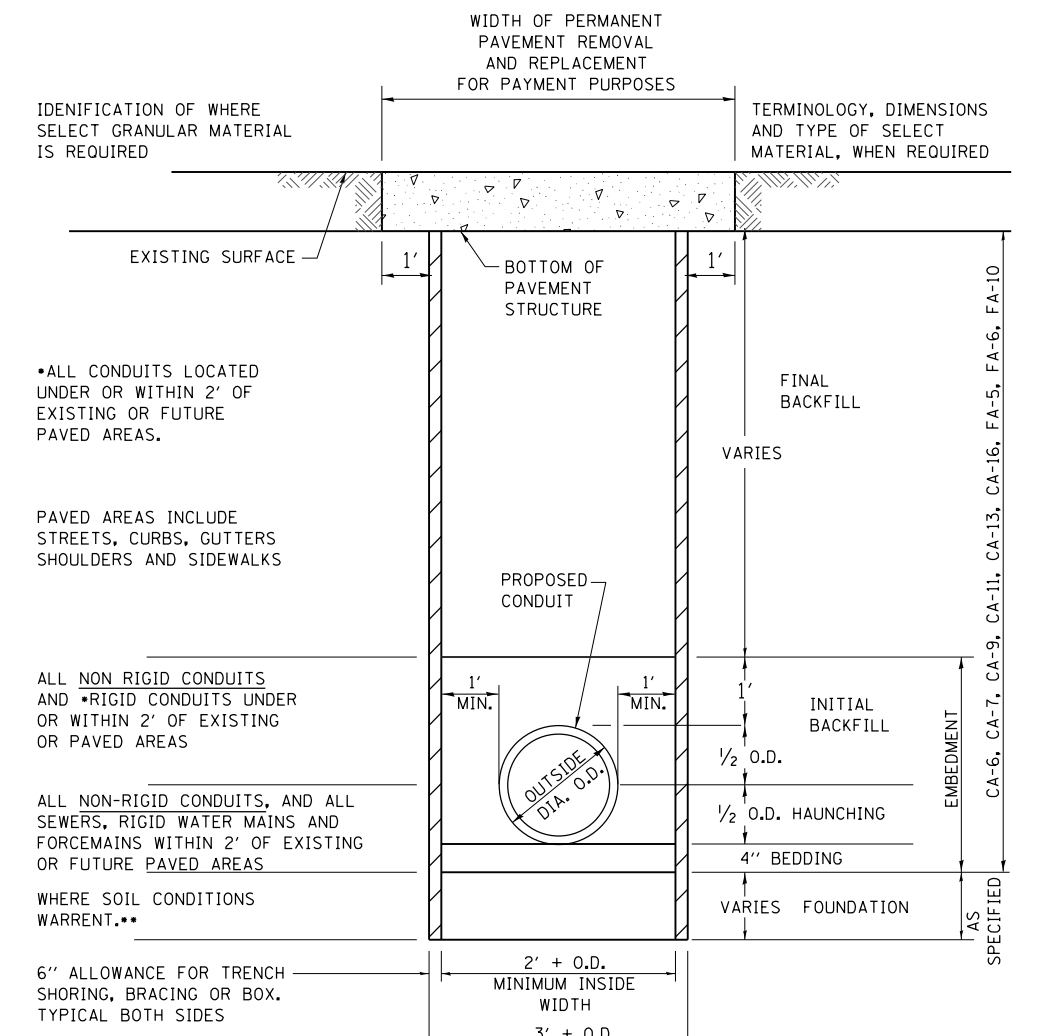
GENERAL NOTES

Tie bars shall be No. 6 (No. 19) at 36 (900) centers unless otherwise shown.

Gutter outlet shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.

If the average grade of pavement for the distance from Section A-A to D-D exceeds 2%, this distance shall be increased 6' (1.8 m) for each 1% increase in grade.

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



WATER MAIN DETAIL

(NOT TO SCALE)

IDENTIFICATION OF WHERE SELECT GRANULAR MATERIAL IS REQUIRED

WIDTH OF PERMANENT PAVEMENT REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES

TERMINOLOGY, DIMENSIONS AND TYPE OF SELECT MATERIAL, WHEN REQUIRED

EXISTING SURFACE

1'

BOTTOM OF PAVEMENT STRUCTURE

1'

FINAL BACKFILL

VARIES

PROPOSED CONDUIT

1' MIN.

1' MIN.

OUTSIDE DIA. O.D.

1'

INITIAL BACKFILL

1/2 O.D.

1/2 O.D. HAUNCHING

4" BEDDING

VARIES FOUNDATION

AS SPECIFIED

• ALL CONDUITS LOCATED UNDER OR WITHIN 2' OF EXISTING OR FUTURE PAVED AREAS.

PAVED AREAS INCLUDE STREETS, CURBS, GUTTERS SHOULDERS AND SIDEWALKS

ALL NON RIGID CONDUITS AND RIGID CONDUITS UNDER OR WITHIN 2' OF EXISTING OR PAVED AREAS

ALL NON-RIGID CONDUITS, AND ALL SEWERS, RIGID WATER MAINS AND FORCEMAINS WITHIN 2' OF EXISTING OR FUTURE PAVED AREAS

WHERE SOIL CONDITIONS WARRENT. ••

6" ALLOWANCE FOR TRENCH SHORING, BRACING OR BOX. TYPICAL BOTH SIDES

2' + O.D. MINIMUM INSIDE WIDTH

3' + O.D. MAXIMUM WIDTH FOR PAYMENT PURPOSES

• INDICATES ELIGIBLE FOR PAYMENT AS SELECT GRANULAR BACKFILL OTHERWISE INCIDENTAL TO THE PIPE.

•• INDICATES ELIGIBLE FOR PAYMENT AS SELECT FOUNDATION MATERIAL

NON RIGID CONDUITS ARE DEFINED AS FLEXIBLE THERMOPLASTIC PIPE AND/OR CORRUGATED METAL PIPE.

NOTE: TRENCH BOX SHALL NOT EXTEND BELOW THE TOP OF PIPE, HOWEVER IT SHALL NOT EXCEED 2 FEET FROM THE BOTTOM OF THE TRENCH.

MODEL: D:\delin\... FILE NAME: P:\E\1676-Highland Roundabout\Microstation\CADD\Drawings\2016176-SH\Detail-2.dgn



USER NAME = nick.moore
DESIGNED -
DRAWN -
PLOT SCALE = 40,0000' / 1"
CHECKED -
DATE -
PLOT DATE = 11/6/2018

DESIGNED -
DRAWN -
CHECKED -
DATE -
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

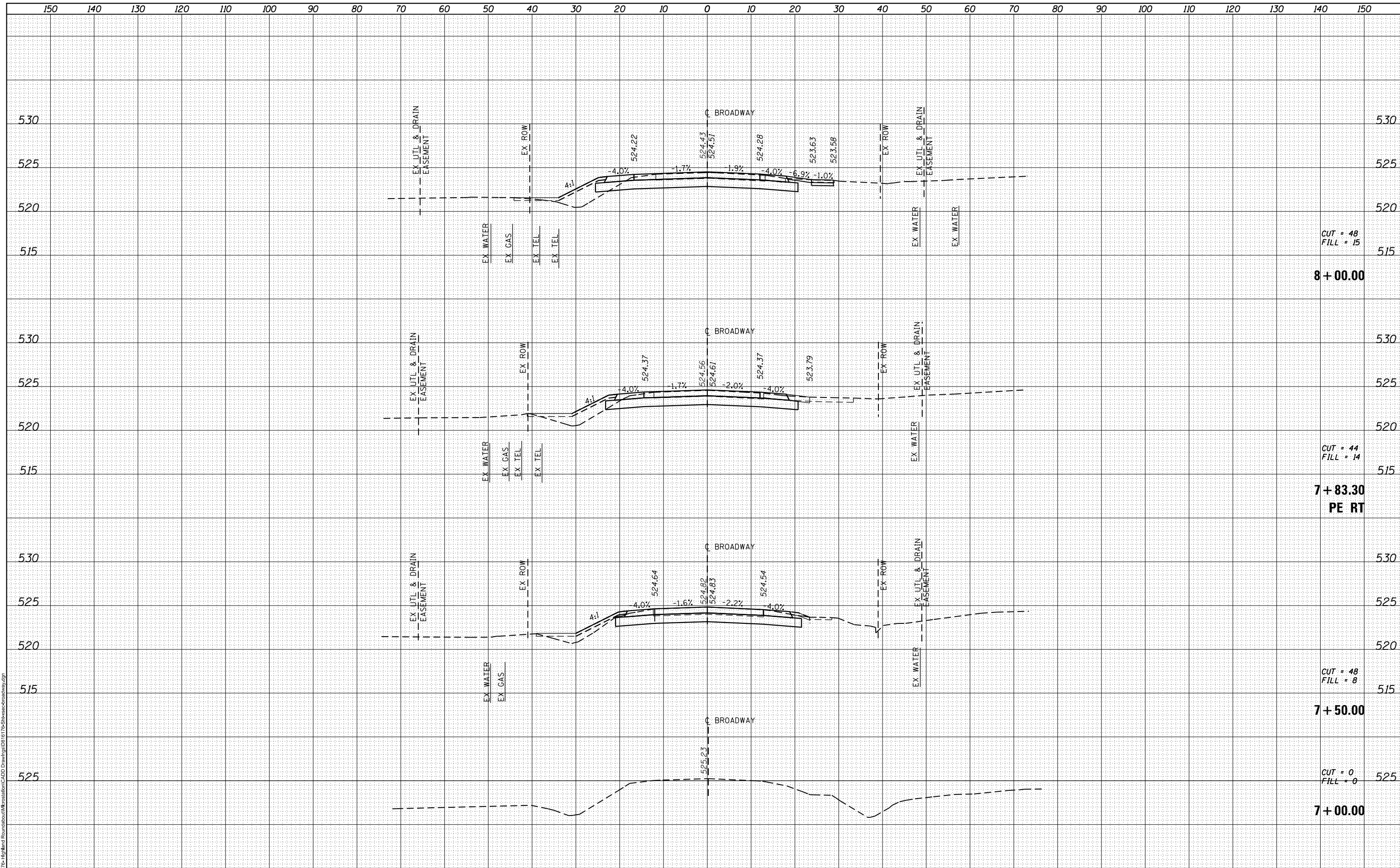
CONSTRUCTION DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	45
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	



CUT = 48
FILL = 15
8 + 00.00

CUT = 44
FILL = 14
**7 + 83.30
PE RT**

CUT = 48
FILL = 8
7 + 50.00

CUT = 0
FILL = 0
7 + 00.00

MODEL: D:\in\1
FILE NAME: 17-00070-00-PV-17-Street-Crossway.dgn

ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

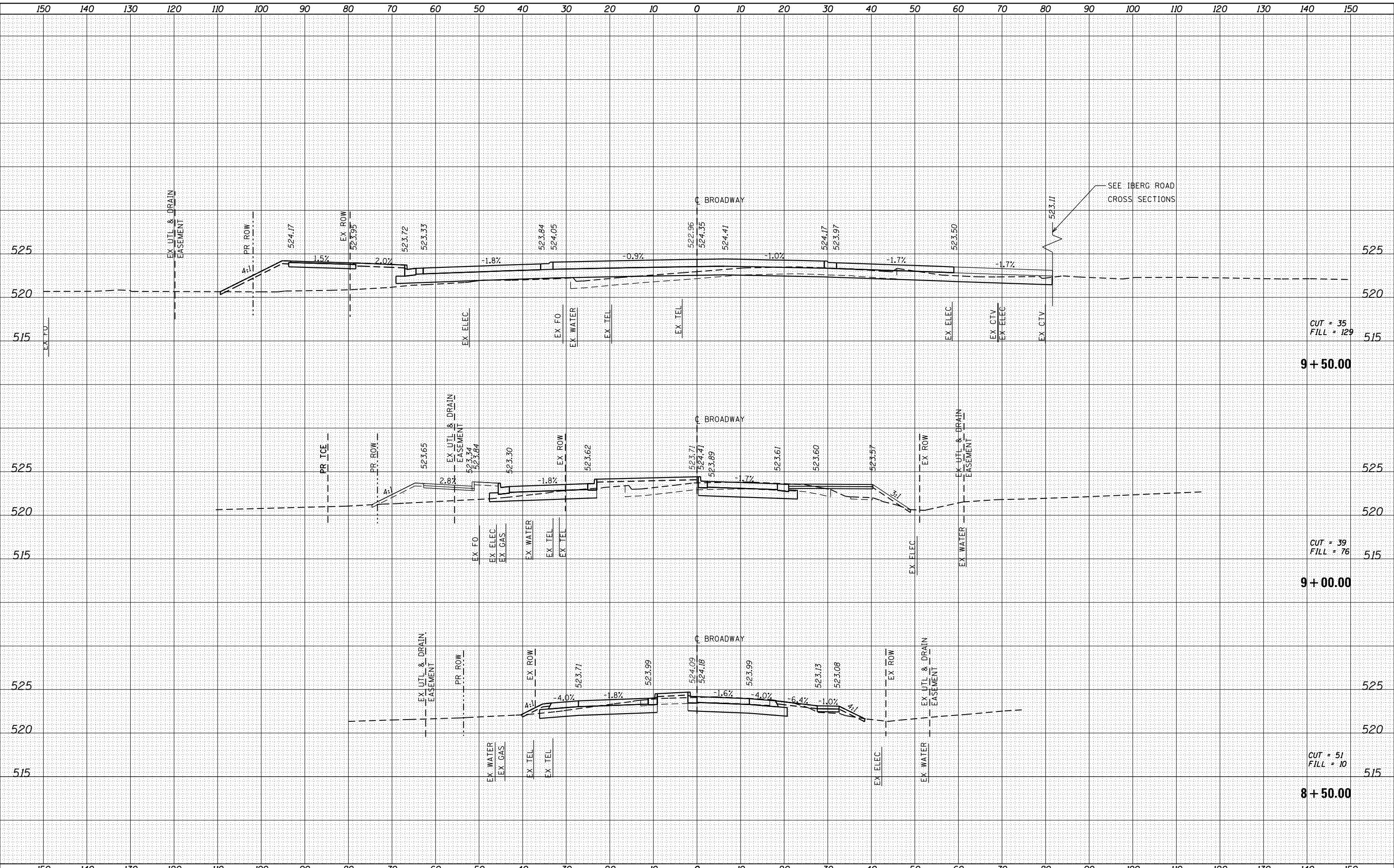
BROADWAY CROSS SECTIONS	
SCALE:	SHEET 1 OF 10 SHEETS STA. 7+00.00 TO STA. 8+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	46
CONTRACT NO. 97686			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

MODEL: D:\mifil
 FILE NAME: 17-00070-00-PV-17-Street-Crossway.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115



SEE IBERG ROAD
CROSS SECTIONS

CUT = 35
FILL = 129
9 + 50.00

CUT = 39
FILL = 76
9 + 00.00

CUT = 51
FILL = 10
8 + 50.00

OATES ASSOCIATES
 www.oatesassociates.com
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BROADWAY
CROSS SECTIONS**

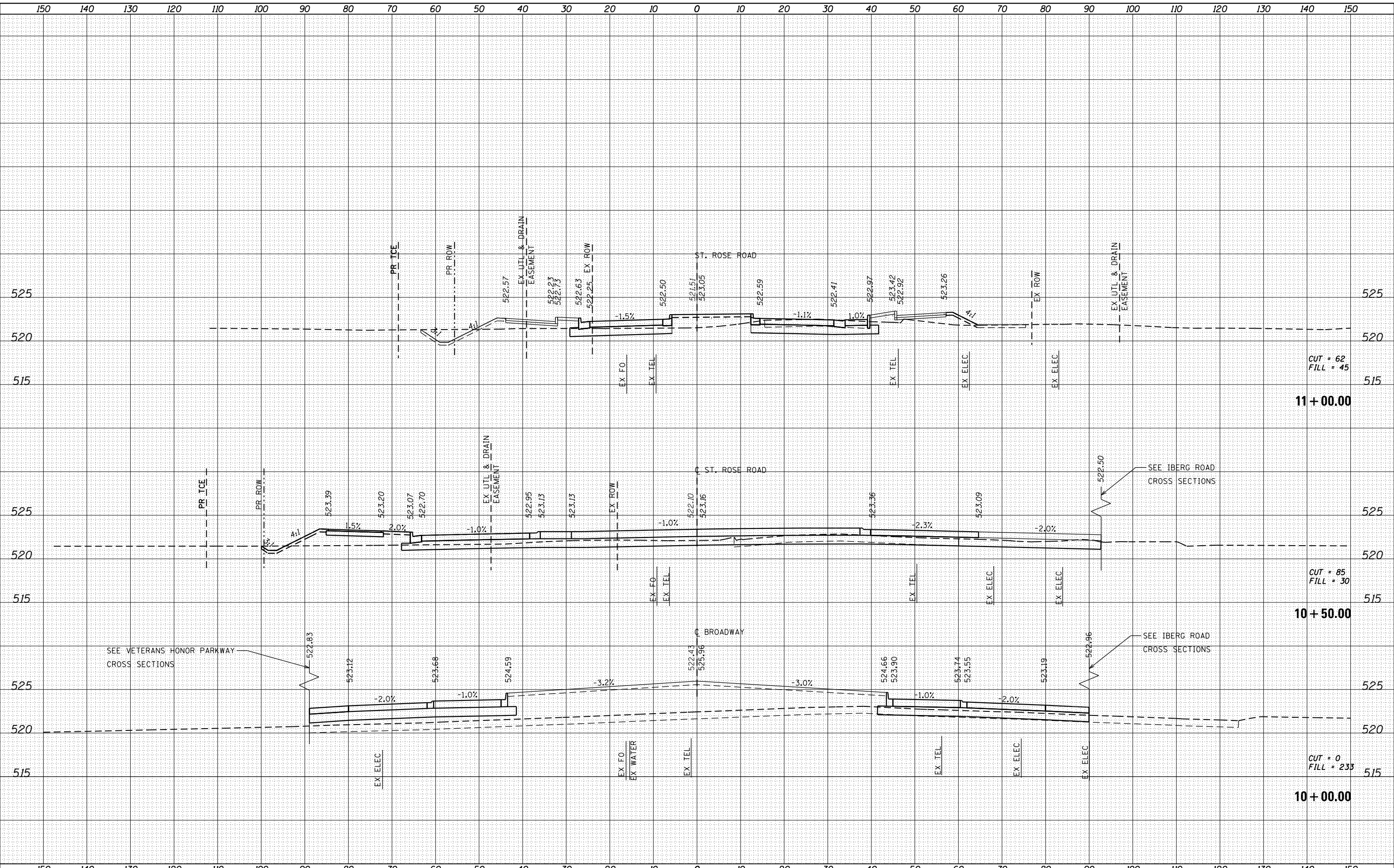
SCALE: SHEET 2 OF 10 SHEETS STA. 8+50.00 TO STA. 9+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	47
CONTRACT NO. 97686			ILLINOIS FED. AID PROJECT	

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

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

MODEL: D:\mifil
 FILE NAME: 17-00070-00-PV-17-00070-00-PV-17-00070-00-PV-17-00070-00-PV.dwg
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115



OATES ASSOCIATES
 www.oatesassociates.com
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / 1" =	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

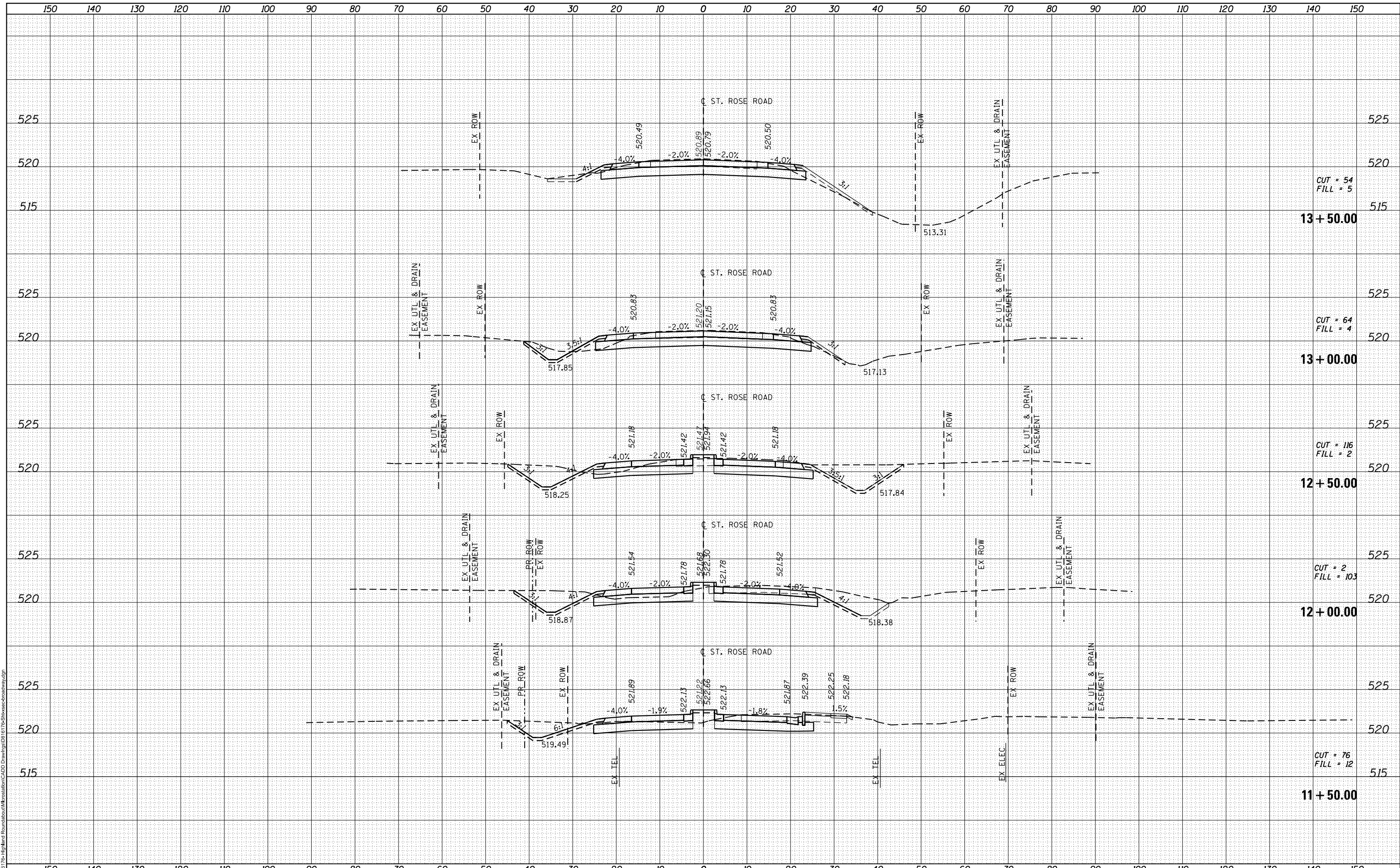
ST ROSE ROAD CROSS SECTIONS	
SCALE:	SHEET 3 OF 10 SHEETS
STA. 10+00.00	TO STA. 11+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	48
CONTRACT NO. 97686			ILLINOIS FED. AID PROJECT	

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

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

MODEL: D:\mifil\16-75-11\Highland Road\about\Microsoft\CADD Drawings\2816175-StRose-Crossway.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

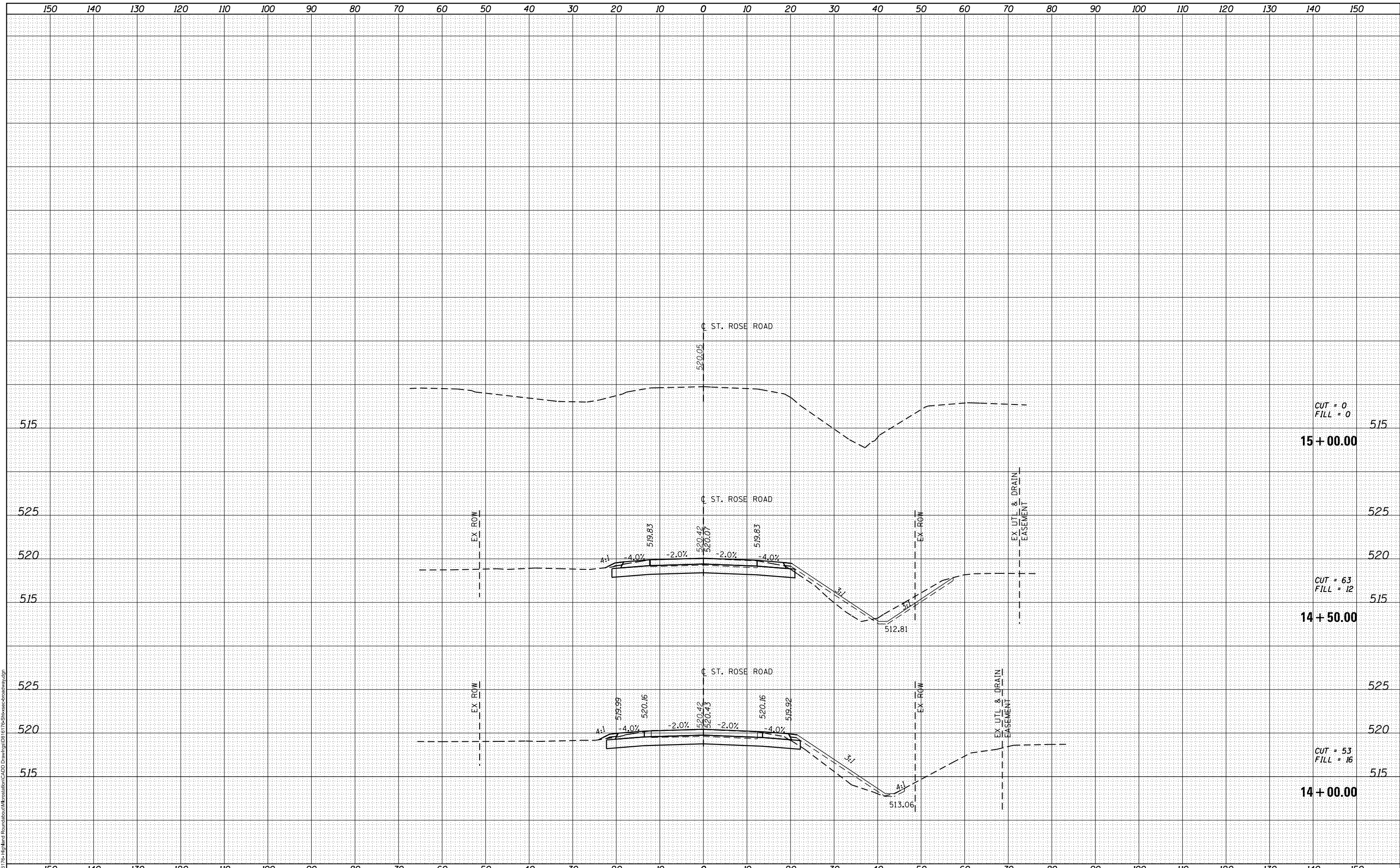


 OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115	USER NAME = nick.moore PLOT SCALE = 20,000' / 1"	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ST ROSE ROAD CROSS SECTIONS	F.A.U. RTE. 8846 SECTION 17-00070-00-PV COUNTY MADISON TOTAL SHEETS 55 SHEET NO. 49	CONTRACT NO. 97686
	PLOT DATE = 11/6/2018	SCALE: SHEET 4 OF 10 SHEETS STA. 11+50.00 TO STA. 13+50.00	ILLINOIS FED. AID PROJECT				

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

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

MODEL: D:\mifil
 FILE NAME: 17-00070-00-PV-17-00070-00-PV-17-00070-00-PV.dwg
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115



CUT = 0
 FILL = 0
15 + 00.00

CUT = 63
 FILL = 12
14 + 50.00

CUT = 53
 FILL = 16
14 + 00.00



USER NAME = nick.moore
 PLOT SCALE = 20,000' / 1" = 11/6/2018

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

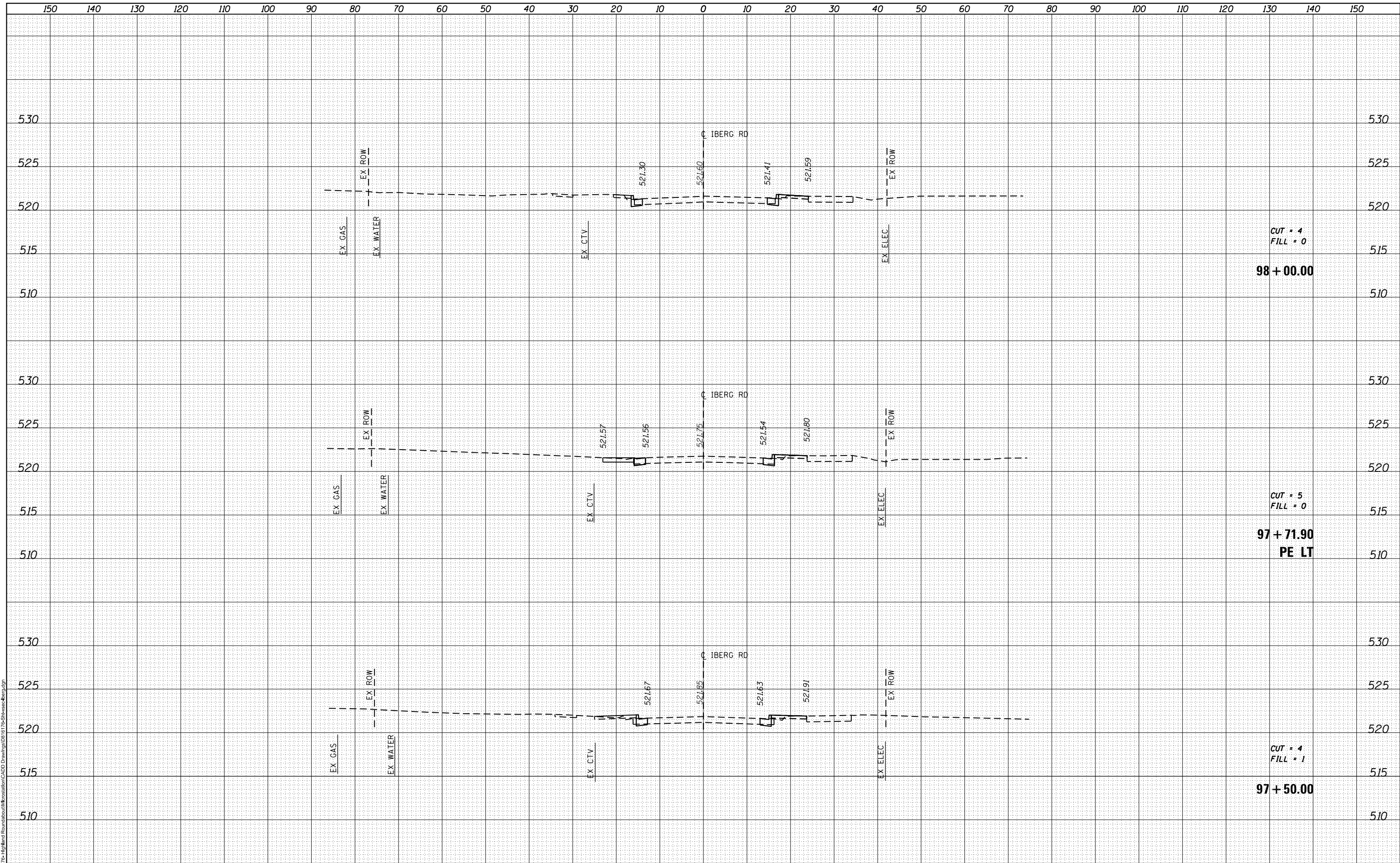
**ST ROSE ROAD
 CROSS SECTIONS**

SCALE: SHEET 5 OF 10 SHEETS STA. 14+00.00 TO STA. 15+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	50
				CONTRACT NO. 97686
				ILLINOIS FED. AID PROJECT

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

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



USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / 1" =	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

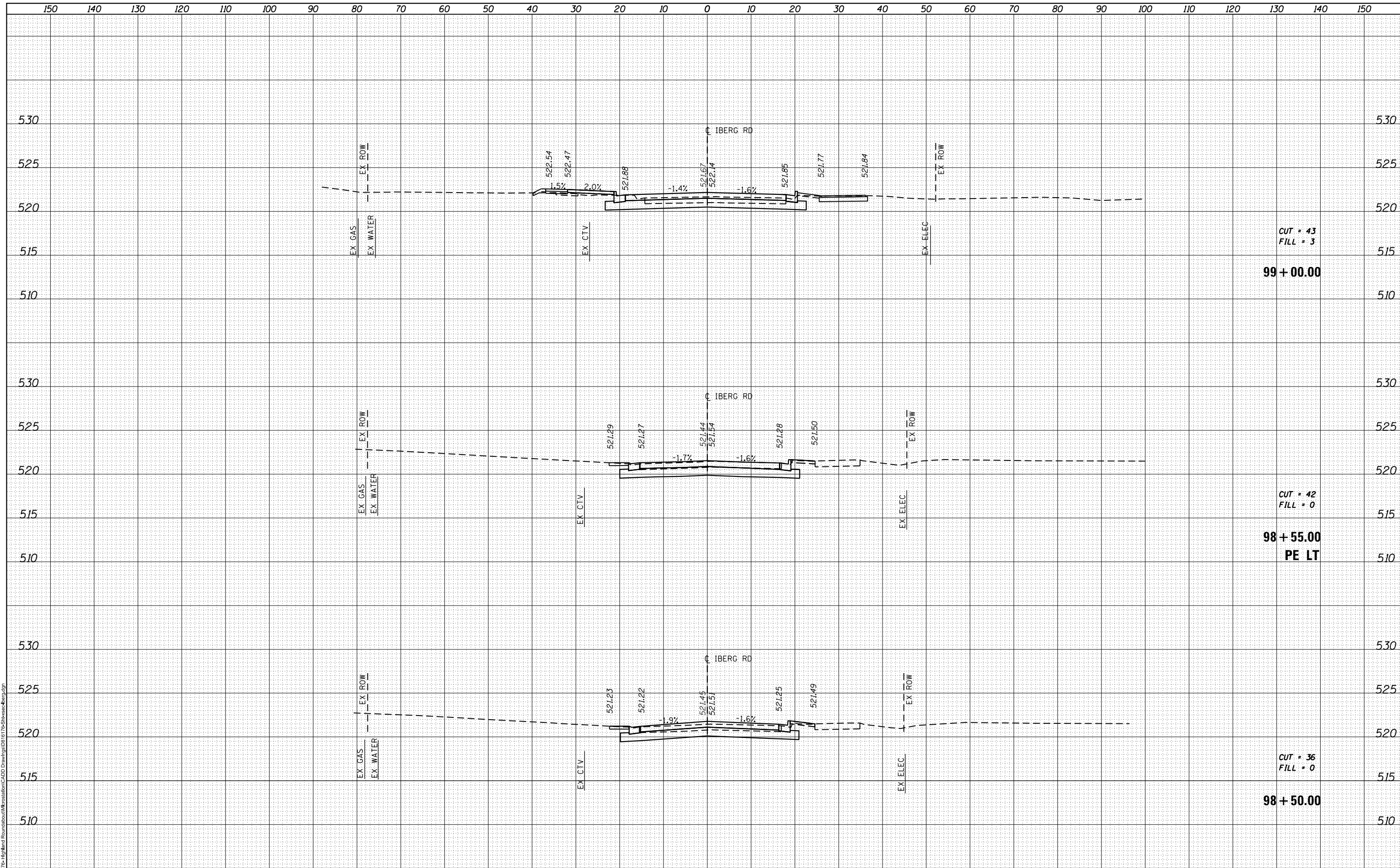
**IBERG ROAD
CROSS SECTIONS**

SCALE: SHEET 7 OF 10 SHEETS STA. 97+50.00 TO STA. 98+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	52
CONTRACT NO. 97686			ILLINOIS FED. AID PROJECT	

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

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



CUT = 43
FILL = 3
99 + 00.00

CUT = 42
FILL = 0
98 + 55.00
PE LT

CUT = 36
FILL = 0
98 + 50.00

MODEL: D:\mifil
FILE NAME: I:\16-75-14\Iberg Road\about\Microsoft\CADD Drawings\2816175-2816-14.dgn

ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

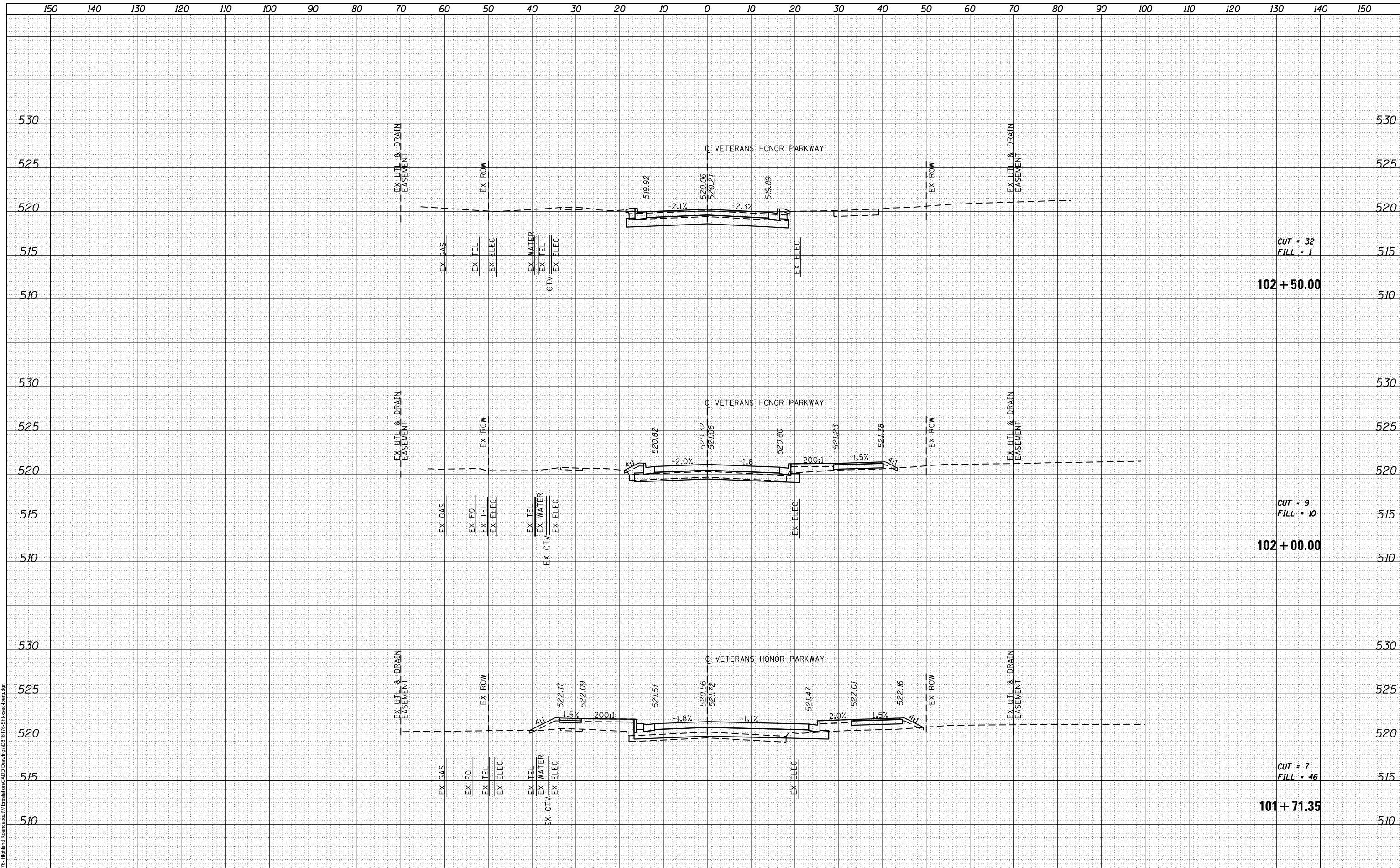
**IBERG ROAD
CROSS SECTIONS**

SCALE: SHEET 8 OF 10 SHEETS STA. 98+50.00 TO STA. 99+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	53
CONTRACT NO. 97686			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



MODEL: D:\in\illinois\16-75-14\16-75-14.dwg
 FILE NAME: 16-75-14\16-75-14.dwg
 OATES ASSOCIATES
 www.oatesassociates.com
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

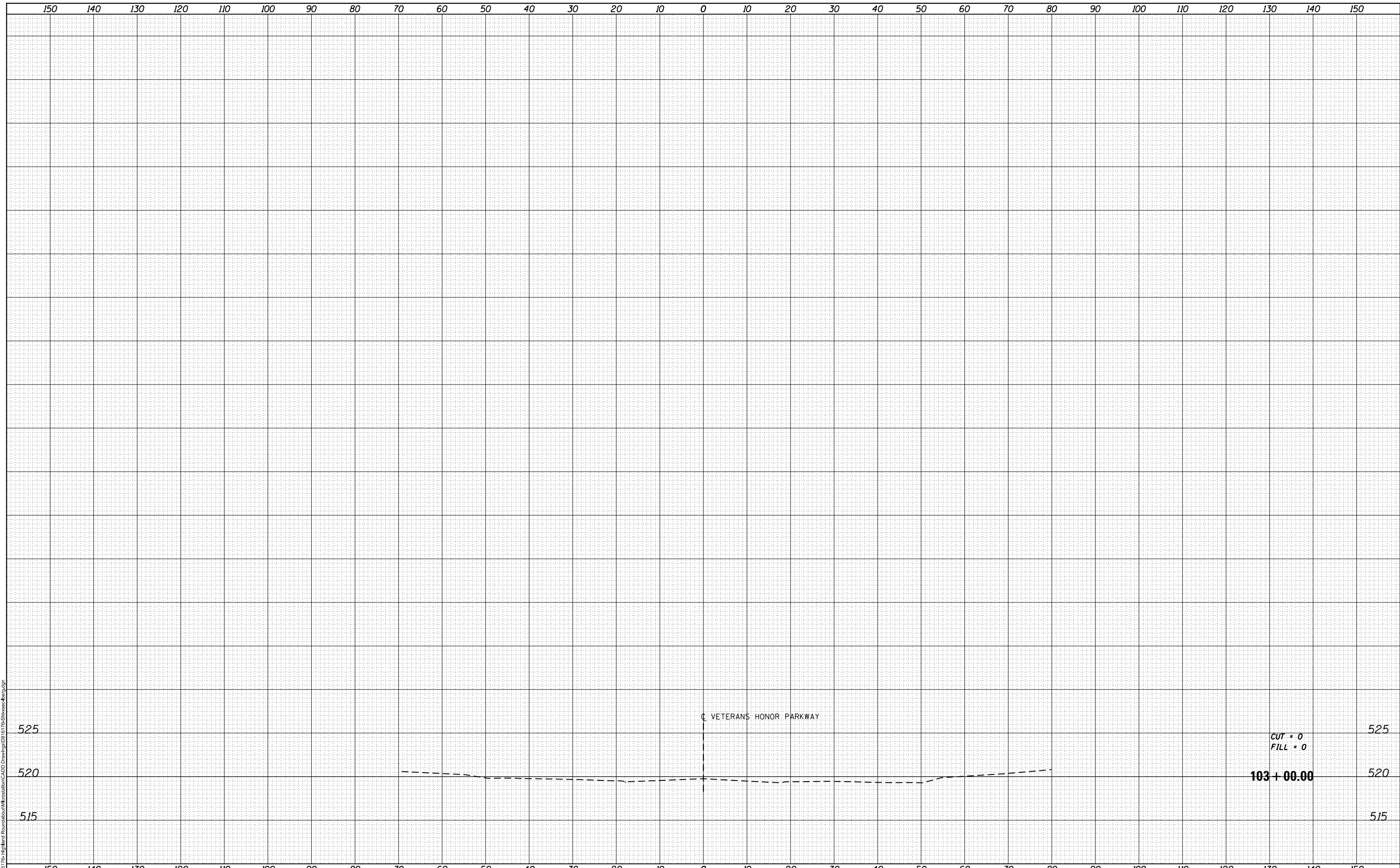
VETERANS HONOR PARKWAY CROSS SECTIONS	
SCALE:	SHEET 9 OF 10 SHEETS
STA. 101+71.35	TO STA. 102+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	54
CONTRACT NO. 97686				
ILLINOIS FED. AID PROJECT				

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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



MODEL: D:\infil
 FILE NAME: 17-16-175-141\land Roundabout\Measurement\CADD Drawings\28 16175-21\Sheet-4.dwg

OATES ASSOCIATES
 www.oatesassociates.com
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = nick.moore	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 11/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**VETERANS HONOR PARKWAY
 CROSS SECTIONS**

SCALE: SHEET 10 OF 10 SHEETS STA. 103+00.00 TO STA. 103+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	17-00070-00-PV	MADISON	55	55
CONTRACT NO. 97686			ILLINOIS FED. AID PROJECT	