

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED

CITY OF HIGHLAND  
SPORTSMAN ROAD RECONSTRUCTION  
MS 1000  
MADISON COUNTY  
SECTION: 11-00065-00-PV  
PROJECT: M-5011 (350)  
JOB NO.: C-98-371-11

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	1
FEDERAL AID PROJECT ILLINOIS		CONTRACT NO. 97585		

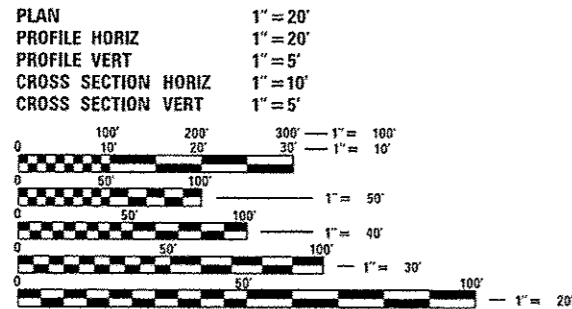
SHEET NO.	ITEM
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25-27	PAVEMENT MARKING & SIGNING SHEETS
28-31	CONSTRUCTION DETAILS
32-33	SOIL BORING LOGS
34-56	CROSS SECTIONS

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATES AND PATTERS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
420101-05	24' JOINTED PCC PAVEMENT
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602406-06	MANHOLE TYPE A 6' DIAMETER
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604091-03	FRAME AND GRATE TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
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
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS



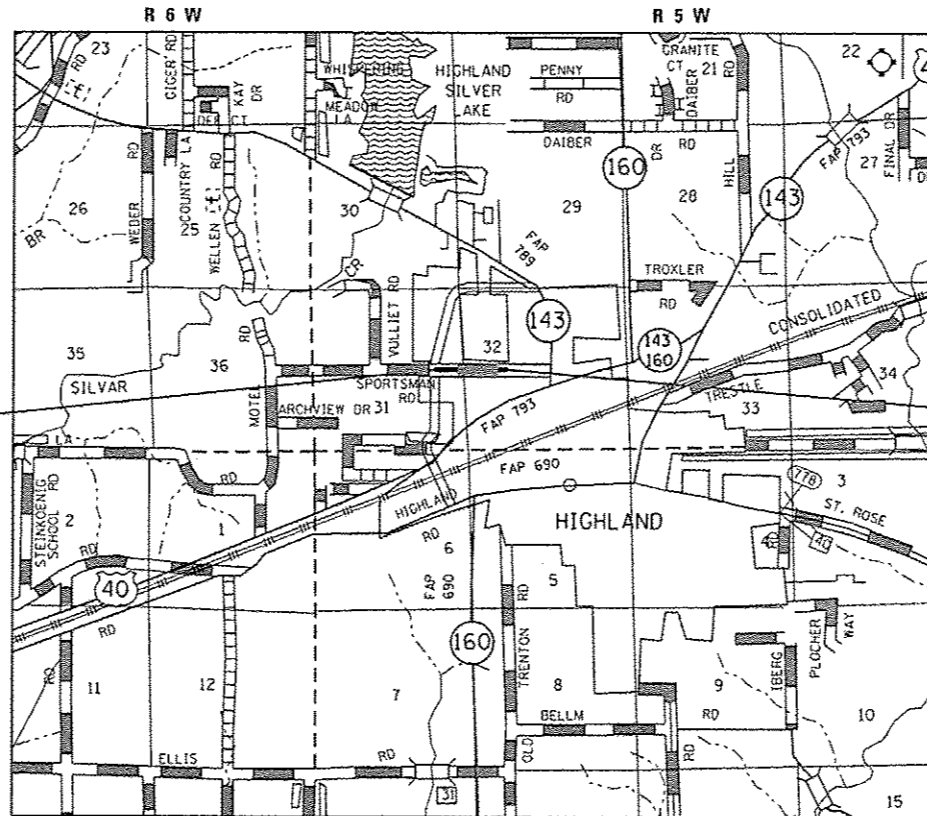
SCALE IN FEET



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

BEGIN SECTION  
STA 43+54.88



END SECTION  
STA. 66+40.03

LOCATION MAP

SCALE: 1" = 5,000'  
GROSS LENGTH = 2285.2' = (0.433 MILES)

DESIGN DESIGNATION

ROADWAY CLASSIFICATION = URBAN COLLECTOR  
DESIGN SPEED = 35 MPH  
CURRENT ADT = 1,250  
DESIGN YEAR ADT (2031) = 4,000



*Steven M. Keil* 2/3/15  
STEVEN M. KEIL, P.E.  
IL P.E. NO. 062-048092  
License Expires 11/30/2015

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	Feb. 2, 2015 <i>Rich Frey</i> MAYOR PRO TEM
PASSED	March 6, 2015 <i>William C. ...</i> DISTRICT & PROJECT IMPLEMENTATION ENGINEER
RELEASING FOR BID BASED ON LIMITED REVIEW	March 6, 2015 <i>Jeffrey L. Keim</i> DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER



COLLINSVILLE: 100 Lantor Court, Suite 1  
Bellevoille, IL 62234  
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www.oatesassoc.com

BELLEVOILLE: 20 E. Main Street  
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ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

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**GENERAL NOTES**

**UTILITIES**

1. ABOVE-GROUND UTILITY FACILITIES OR APPURTENANCES SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS TO PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 1.5 FEET, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
2. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. REFER TO THE "STATUS OF UTILITIES TO BE ADJUSTED" SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

CHARTER COMMUNICATIONS (COMMUNICATIONS)  
 210 WEST DIVISION STREET  
 MARYVILLE, IL 62062  
 CONTACT: GARY WARREN  
 (618) 779-4179

CITY OF HIGHLAND (WATER, SEWER & ELECTRIC)  
 2610 PLAZA DRIVE  
 HIGHLAND, IL 62249  
 CONTACT: GEORGE STRAM (ELECTRIC)  
 (618) 654-7511  
 CONTACT: RUSS PARKER (WATER & SEWER)  
 (618) 654-5416

AMEREN IP (GAS & ELECTRIC)  
 2600 NORTH CENTER  
 MARYVILLE, IL 62062  
 CONTACT: ANDY PARKER  
 (618) 346-1270

FRONTIER COMMUNICATIONS (COMMUNICATIONS)  
 111 EAST STATE STREET  
 MASCOUTAH, IL 62258  
 CONTACT: RON BISHOP  
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**GENERAL**

3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE LOCAL POSTMASTER FOR APPROVAL OF ALL TEMPORARY MAILBOX LOCATIONS. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
5. 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. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
6. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.

8. ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT AND THE COST OF THIS REMOVAL WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

**EARTHWORK**

9. 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."
10. THE CONTRACTOR SHALL BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

**PAVING**

11. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES AND SIDE ROADS. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS PCC DRIVEWAY PAVEMENT ITEMS INCLUDED IN THE CONTRACT.
12. AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

**DRAINAGE**

13. STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE 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 WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 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.
14. STORM SEWERS AND CULVERTS MAY HAVE MINIMAL DEPTH BELOW THE MODIFIED SOIL LAYER. THE CONTRACTOR SHALL TAKE WHATEVER PRECAUTIONS ARE NECESSARY TO PROTECT THE PIPES FROM DAMAGE DURING THE SOIL MODIFICATION PROCESS. IN THE EVENT THAT PIPES ARE DAMAGED, THEY SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS INCURRED TO REPAIR OR REPLACE DAMAGED PIPES SHALL BE AT THE CONTRACTOR'S EXPENSE.
15. 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.
16. THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
17. 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 PRICE FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

**PAVEMENT MARKING**


18. THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.

**APPROXIMATE QUANTITIES, SYMBOLS & ABBREVIATIONS**

19. THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

AGGREGATE FOR TEMPORARY ACCESS	400 TON
PIPE DRAINS 4"	100 FEET
PIPE DRAINS 6"	100 FEET
INLET FILTERS	52 EACH

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

	FLARED END SECTION
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
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
TYP	TYPICAL
W	WIDTH

**COMMITMENTS**

1. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE POST MASTER, EMERGENCY SERVICES, AND SCHOOL/BUS OPERATORS OF THE CONSTRUCTION SCHEDULE AND ANY CLOSURES THAT MAY OCCUR.
2. STANDARD POLICY SIGNAGE SHALL BE PROVIDED FOR THE MIDBLOCK PEDESTRIAN CROSSING AT STA. 56+50.

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**OATES ASSOCIATES**  
 Engineering • Architecture  
 ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME: andy.mueller	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, UTILITES, & COMMITMENTS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	2
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		20200100	EARTH EXCAVATION	CU YD	2,020
		20400800	FURNISHED EXCAVATION	CU YD	900
	*	20700220	POROUS GRANULAR EMBANKMENT	CU YD	38
	*	20800150	TRENCH BACKFILL	CU YD	527
	*	21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	10,370
		25100635	HEAVY DUTY EROSION CONTROL BLANKET	SO YD	386
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	492
		28000400	PERIMETER EROSION BARRIER	FOOT	3,175
		28000500	INLET AND PIPE PROTECTION	EACH	57
		28000510	INLET FILTERS	EACH	52
		28100107	STONE RIPRAP, CLASS A4	SO YD	351
		28200200	FILTER FABRIC	SO YD	351
	*	30200650	PROCESSING MODIFIED SOIL 12"	SO YD	9,944
		30201500	LIME	TON	239

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SO YD	10,467
		35100500	AGGREGATE BASE COURSE, TYPE A 6"	SO YD	315
		40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SO YD	86
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	400
		42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SO YD	8,125
	*	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	347
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	2,360
	*	42400800	DETECTABLE WARNINGS	SO FT	24
		44000100	PAVEMENT REMOVAL	SO YD	1,095
		44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	106
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	13
	*	50105220	PIPE CULVERT REMOVAL	FOOT	267
		54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
		54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	74

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	3
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	

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SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	13
		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
		5421A024	PIPE CULVERTS, CLASS A, TYPE 1 24" (TEMPORARY)	FOOT	32
	*	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	457
	*	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	88
	*	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	308
	*	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	559
	*	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	104
	*	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	238
	*	550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	377
	*	55101600	STORM SEWER REMOVAL 36"	FOOT	56
	*	56109210	WATER VALVES TO BE ADJUSTED	EACH	3
	*	60100905	PIPE DRAINS 4"	FOOT	100

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	60100915	PIPE DRAINS 6"	FOOT	100
		60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3
		60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4
		60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	8
		60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	28
		60500060	REMOVING INLETS	EACH	1
		60605000	COMBINATION CONCRETE CURB AND CUTTER, TYPE B-6.24	FOOT	4,584
	*	61140400	STORM SEWERS (SPECIAL), 15"	FOOT	9
	*	61140600	STORM SEWERS (SPECIAL), 18"	FOOT	5
		67100100	MOBILIZATION	L SUM	1
		72000100	SIGN PANEL - TYPE 1	SQ FT	60.2
		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4
		72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4
		72900200	METAL POST - TYPE B	FOOT	153

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

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**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.
8857	11-00065-00-PV	MADISON	56	4
CONTRACT NO. 97585				
ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	90
		78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4,618
		78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	4,595
		78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	64
		X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	2.5
		X5011100	FOUNDATION REMOVAL	EACH	1
		X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	4
		X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	8
		X6024240	INLETS, SPECIAL	EACH	1
		X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	3
*		X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	25
		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
		XX008616	HOT-MIX ASPHALT SURFACE COURSE, SPECIAL	SO YD	263
		XX008979	CONCRETE COLLAR	EACH	1

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	5
CONTRACT NO. 97585				

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

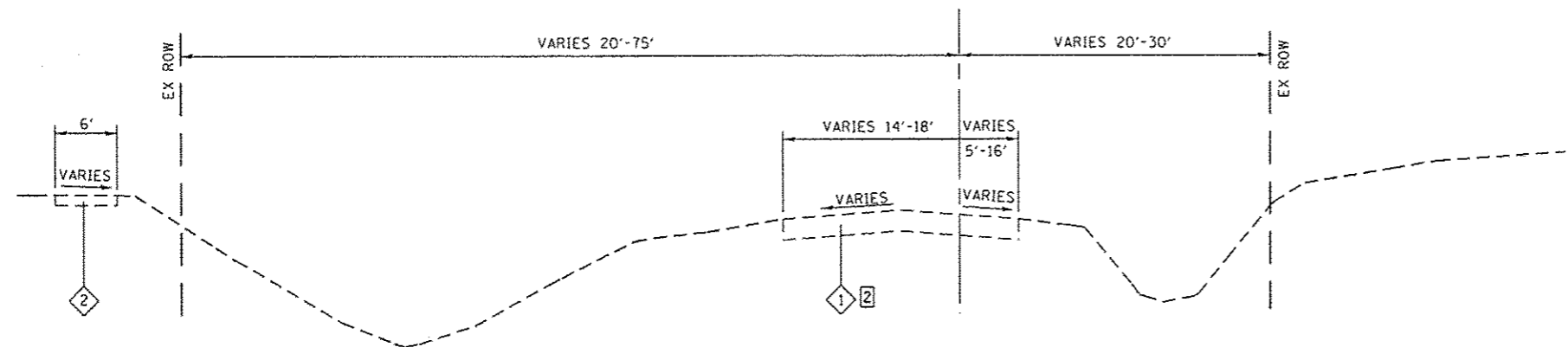
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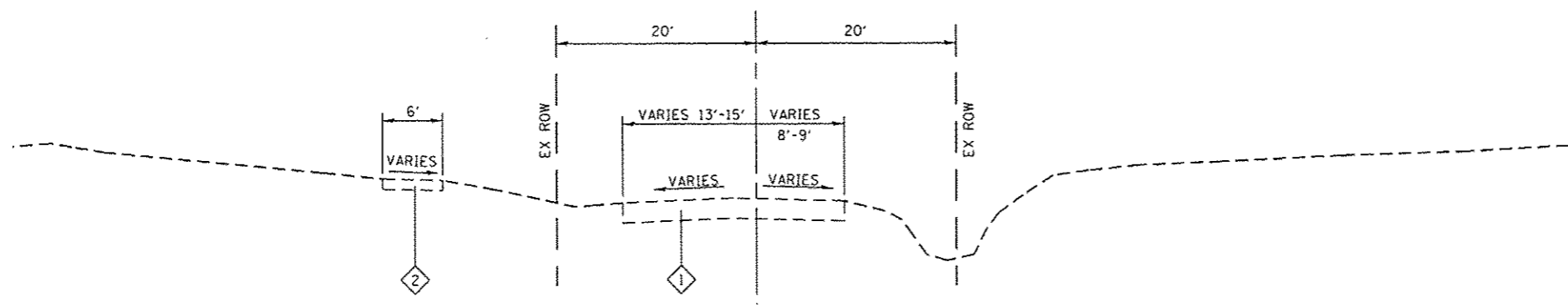


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PLOT DATE = 2/3/2015

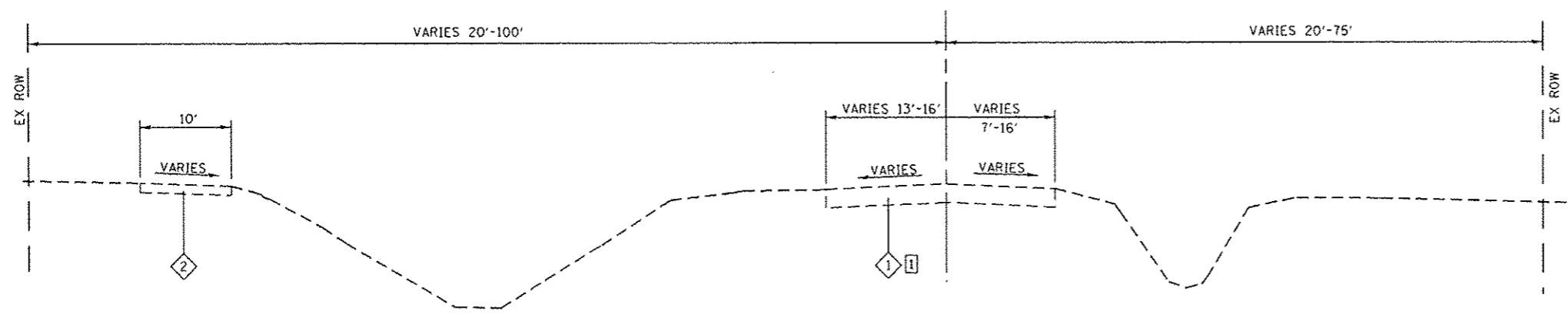
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**EXISTING SPORTSMAN ROAD**  
STA. 58+93.0 TO STA. 66+40.0



**EXISTING SPORTSMAN ROAD**  
STA. 56+35.0 TO STA. 58+93.0



**EXISTING SPORTSMAN ROAD**  
STA. 43+54.9 TO STA. 56+35.0

**TYPICAL SECTION LEGEND**

- ① EXISTING OIL & CHIP / ASPHALT PAVEMENT
- ② EXISTING ASPHALT SHARED-USE PATH 2"
- ③ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑤ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4"
- ⑥ PROPOSED LIME MODIFIED SOIL MIXTURE 12"
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑧ PROPOSED SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT, SEE HIGHWAY STANDARD 420001
- ⑨ PROPOSED TOPSOIL FURNISH AND PLACE 4"
- ⑩ AGGREGATE BASE COURSE, TYPE A 6"
- ⑪ BITUMINOUS MATERIALS PRIME COAT
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, SPECIAL 3"

**TYPICAL SECTION NOTES**

- ① EXISTING PAVEMENT CHANGES FROM 2" ASPHALT PAVEMENT TO OIL AND CHIP AT STA. 45+61.9
- ② EXISTING PAVEMENT CHANGES FROM OIL AND CHIP TO 8" ASPHALT PAVEMENT AT STA. 65+36.3

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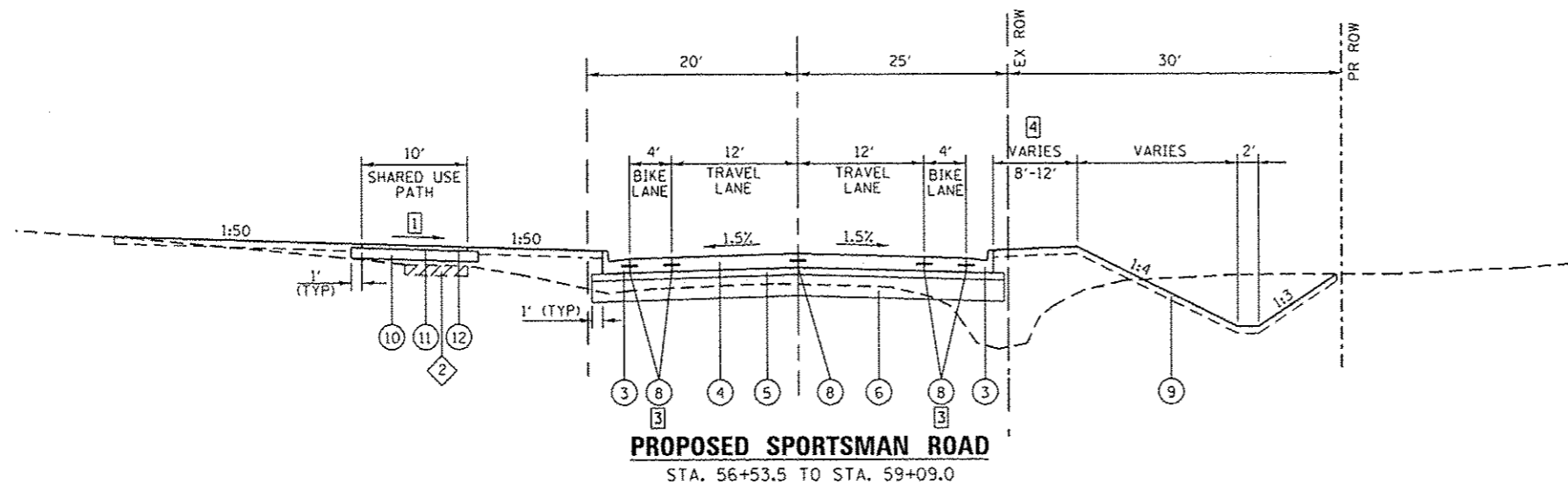


USER NAME	andy.mueller	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLLOT SCALE	40.0000' / 1"	DATE	-	REVISED	-
PLLOT DATE	2/3/2015				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>			
SCALE:	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	6
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	



**PROPOSED SPORTSMAN ROAD**  
STA. 56+53.5 TO STA. 59+09.0

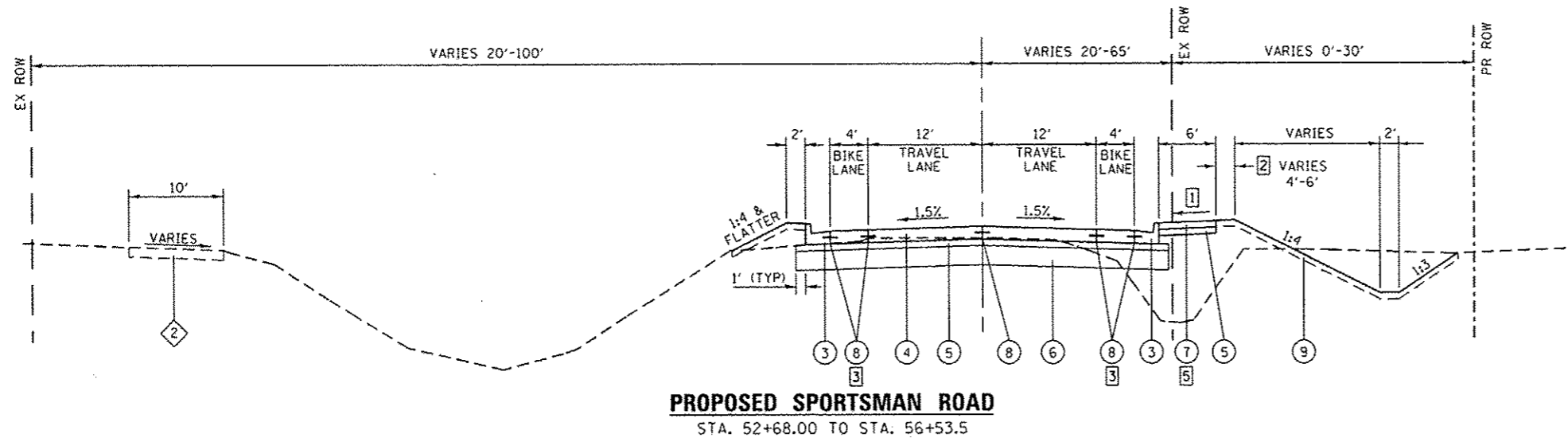
**TYPICAL SECTION LEGEND**

- ① EXISTING OIL & CHIP / ASPHALT PAVEMENT
- ② EXISTING ASPHALT SHARED-USE PATH 2"
- ③ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑤ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4"
- ⑥ PROPOSED LIME MODIFIED SOIL MIXTURE 12"
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑧ PROPOSED SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT, SEE HIGHWAY STANDARD 420001
- ⑨ PROPOSED TOPSOIL FURNISH AND PLACE 4"
- ⑩ AGGREGATE BASE COURSE, TYPE A 6"
- ⑪ BITUMINOUS MATERIALS PRIME COAT
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, SPECIAL 3"

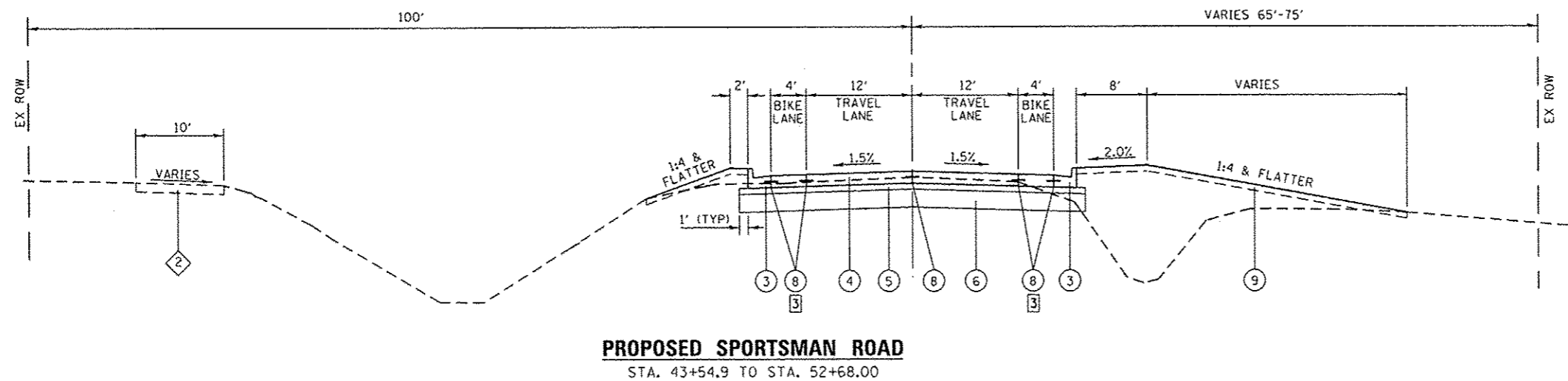
**TYPICAL SECTION NOTES**

- ① CROSS SLOPE OF SIDEWALK SHALL BE 1.5% NOMINAL, 2% MAX
- ② 4' FROM STA. 52+68.0 TO STA. 54+45.8  
6' FROM STA. 54+45.8 TO STA. 56+53.5
- ③ THE TIE BAR BETWEEN THE CURB AND GUTTER AND THE BIKE LANE CAN BE ELIMINATED IF THE TWO ARE CONSTRUCTED MONOLITHICALLY
- ④ TRANSITION FROM 12' TO 8' FROM STA. 56+53.5 TO STA. 58+50.0  
8' FROM STA. 58+50.0 TO STA. 59+09.0
- ⑤ SIDEWALK FROM STA. 52+80.0 TO STA. 56+53.5

EXISTING ASPHALT SHARED USE PATH TO BE REMOVED



**PROPOSED SPORTSMAN ROAD**  
STA. 52+68.00 TO STA. 56+53.5



**PROPOSED SPORTSMAN ROAD**  
STA. 43+54.9 TO STA. 52+68.00

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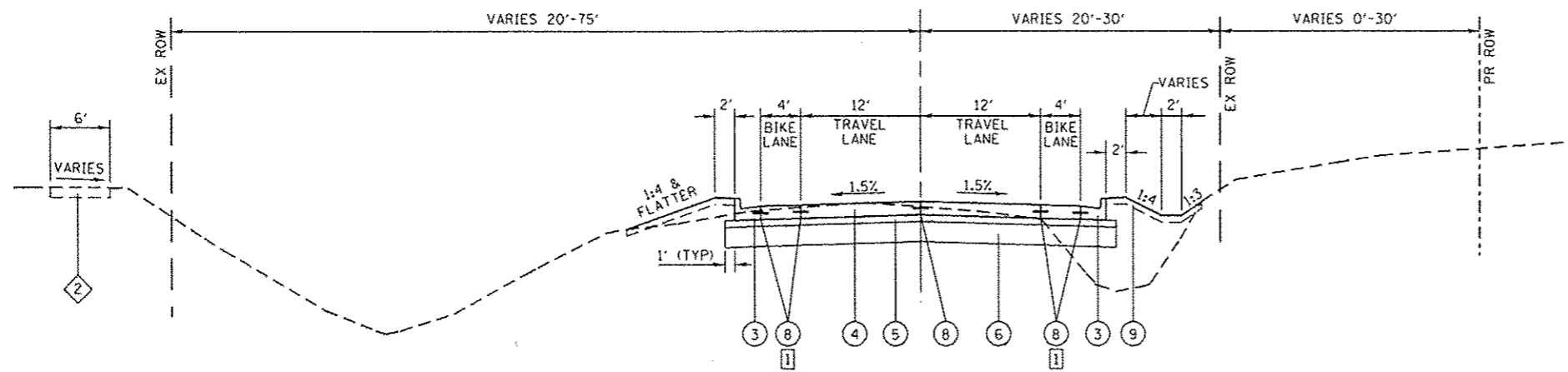


USER NAME: andymueller	DESIGNED: -	REVISED: -
PLLOT SCALE: = 40.0000' / 1"	DRAWN: -	REVISED: -
PLLOT DATE: = 2/3/2015	CHECKED: -	REVISED: -
	DATE: -	REVISED: -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>		
SCALE:	SHEET 2 OF 3 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	7
CONTRACT NO. 97585				
ILLINOIS FED. AID PROJECT				



**PROPOSED SPORTSMAN ROAD**  
 STA. 59+09.0 TO STA. 66+44.0

**TYPICAL SECTION LEGEND**

- ① EXISTING OIL & CHIP / ASPHALT PAVEMENT
- ② EXISTING ASPHALT SHARED-USE PATH 2"
- ③ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑤ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4"
- ⑥ PROPOSED LIME MODIFIED SOIL MIXTURE 12"
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑧ PROPOSED SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT, SEE HIGHWAY STANDARD 420001
- ⑨ PROPOSED TOPSOIL FURNISH AND PLACE 4"
- ⑩ AGGREGATE BASE COURSE, TYPE A 6"
- ⑪ BITUMINOUS MATERIALS PRIME COAT
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, SPECIAL 3"

**TYPICAL SECTION NOTES**

- ① THE TIE BAR BETWEEN THE CURB AND GUTTER AND THE BIKE LANE CAN BE ELIMINATED IF THE TWO ARE CONSTRUCTED MONOLITHICALLY

STRUCTURAL DESIGN TRAFFIC:	YEAR:	2023
PV = 1,971	SU = 157	MU = 112
ROAD/STREET CLASSIFICATION:	CLASS:	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 88%	S = 7%	M = 5%
TRAFFIC FACTOR:	ACTUAL =	0.85
	MIN =	N/A
PG GRADE:	BINDER:	N/A
	SURFACE:	N/A
STRUCTURAL SUPPORT RATING:		
SSR = POOR		
USE: 8" PCC PAVEMENT (JOINTED)		
4" GRANULAR SUBBASE		
NOTE: SAWED TRANSVERSE CONTRATION JOINTS TO BE PLACED AT 15' INTERVALS WITH LOAD TRANSFER DEVICES.		

**MIXTURES TABLE**

MIXTURE USE	SHARED USE PATH
THICKNESS	3"
AC/PG	PG 58-22
RAP % (MAX)	SEE BDE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=50
MIX COMPOSITION	IL-9.5
FRICTION AGG	MIXTURE "C"
DENSITY TEST METHOD	NUCLEAR

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**CULVERT /DRAINAGE REMOVAL**

STATION	OFFSET	STATION	OFFSET	SIZE (INCHES)	EXISTING CULVERT TYPE	PIPE CUL REMOV (NOTE 1) (FOOT)	STORM SEWER REM 36 (NOTE 1) (FOOT)	REMOV INLETS (EACH)
47+16	RT	47+41	RT	48	CMP	25		
53+45	RT	53+87	RT	48	CMP	41		
62+24	RT	62+80	RT	36	RCP	56		
63+20	RT	63+52	RT	48	RCP	32		
64+03	RT	64+70	RT	48	CMP	67		
64+70	LT	64+75	RT	48	CMP	46		
65+88	RT	66+47	RT	36	RCP		56	
66+47	RT							1
<b>TOTAL</b>						<b>267</b>	<b>56</b>	<b>1</b>

**CULVERT REMOVAL NOTES:**

1. THE COST FOR TRENCH BACKFILL REQUIRED FOR PIPE CULVERT & STORM SEWER REMOVAL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PIPE CULVERT REMOVAL & STORM SEWER REMOVAL, 36".

**CURB & GUTTER**

STATION	STATION	OFFSET	COMB CURB GUTTER REM (FOOT)	COMB CC&G TB6.24 (NOTE 1) (FOOT)
43+55	66+42	LT		2288
43+55	66+51	RT		2,296
66+40	66+42	LT	2	
66+40	66+51	RT	11	
<b>TOTAL</b>			<b>13</b>	<b>4,584</b>

**PRECAST BOX CULVERT**

STATION	SIZE (SPAN x HEIGHT)	SKEW	DESIGN FILL (FT)		POROUS GRAN EMBANK (CU YD)
			EDGE OF SHOULDER (MIN)	MAXIMUM	
52+68	4' X 2'	NONE	1.1	2.2	38
<b>TOTAL</b>					<b>38</b>

**ENTRANCE**

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 1) (FOOT)	ENTRANCE DEPTH "D" (FOOT)	EXISTING SURFACE TYPE	SUB GRAN MAT A 4 (SQ YD)	AGG SURF CSE A 8 (SQ YD)	PCC DRIVEWAY PAVT 8 (NOTE 2 & 3) (SQ YD)	DRIVEWAY PAVEMENT REM (SQ YD)
47+28.0	RT	FE	24	34	EARTH	17		21	
53+62.5	RT	CE	24	12	CONC	56		53	106
56+81	RT	CE	35	19	EARTH	32		104	
59+90	RT	CE	35	4	EARTH	32		46	
62+50.5	RT	CE	35	4	OIL / CHIP	48		46	
63+36.0	RT	PE	18	5	AGG	13	10	17	
64+36.0	RT	CE	35	2	AGG	32	8	30	
66+13.0	RT	CE	35	2	AGG	31	8	30	
<b>TOTAL</b>						<b>261</b>	<b>86</b>	<b>347</b>	<b>106</b>

**ENTRANCE NOTES:**

1. PRIOR TO CONSTRUCTION, THE ENGINEER WILL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES. THE CONTRACTOR SHALL CONFIRM THE FINAL LOCATIONS AND WIDTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION. SEE CONSTRUCTION DETAILS SHEET FOR ENTRANCE DETAILS.
2. DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.
3. THE COST FOR STEEL WIRE MESH IS INCLUDED IN THE UNIT COST FOR PCC DRIVEWAY PAVT 8.

**EROSION CONTROL**

STATION	STATION	OFFSET	HD EROS CONTR BLANKET (SY YD)	TEMP EROS CONTR SEED (NOTE 1) (POUND)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECTION (EACH)
43+55	66+40	LT		174	2032	18
43+00	66+40	RT	386	318	1143	39
<b>TOTAL</b>			<b>386</b>	<b>492</b>	<b>3175</b>	<b>57</b>

**EROSION CONTROL NOTES:**

1. THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES TWO SEPARATE APPLICATIONS AT A RATE OF 100 POUNDS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

**PAVEMENT**

STATION	STATION	OFFSET	PROCESS MOD SOIL 12 (SQ YD)	LIME (NOTE 1) (TON)	SUB GRAN MAT A 4 (SQ YD)	PCC PVT 8 JOINTED (SQ YD)	PAVEMENT REM (SQ YD)
43+55	66+40	CL	9,944	239	9,944	8,125	
43+55	45+62	CL					578
65+36	66+40	CL					320
<b>TOTAL</b>			<b>9,944</b>	<b>239</b>	<b>9,944</b>	<b>8,125</b>	<b>898</b>

**PAVEMENT NOTES:**

1. LIME QUANTITY IS CALCULATED USING AN ASSUMED SOIL DENSITY OF 107 LB / CU FT AND AN ASSUMED RATE OF 48.2 LB / SQ YD (5% LIME). THE ACTUAL LIME APPLICATION RATE WILL BE DETERMINED BY THE ENGINEER AND WILL BE BASED ON TESTS OF LIME AND SOIL SAMPLES PROVIDED BY THE ENGINEER.

**SIGN**

STATION	OFFSET	MUTCD TYPE	DESCRIPTION	SIZE	SIGN PANEL T1 (ISO FT)	REMOV SIN PAN ASSY TA (EACH)	RELOC SIN ASSY TA (EACH)	METAL POST TY B (FOOT)
44+05	LT		TRAIL CROSSING				1	
44+58	LT		STOP AHEAD				1	
45+00	RT	R2-1	SPEED LIMIT	24" X 30"	5			13.5
47+00	RT	R3-17	BIKE LANE	24" X 18"	3			12.5
49+75	LT		SPEED LIMIT			1		
50+36	RT		SPEED LIMIT			1		
53+00	LT	R3-17	BIKE LANE	24" X 18"	3			12.5
53+85	RT		STREET NAME				1	
54+00	RT	W11-2 / W16-9P	PEDESTRIAN / AHEAD	30" X 30" / 24" X 12"	8.3			15.5
56+47	RT	W11-2 / W16-7P	PEDESTRIAN / ARROW	30" X 30" / 24" X 12"	8.3			15.5
56+54	LT	W11-2 / W16-7P	PEDESTRIAN / ARROW	30" X 30" / 24" X 12"	8.3			15.5
57+50	RT	R3-17	BIKE LANE	24" X 18"	3			12.5
58+60	LT		TRAIL NARROWS				1	
59+00	LT	W11-2 / W16-9P	PEDESTRIAN / AHEAD	30" X 30" / 24" X 12"	8.3			15.5
62+91	RT		SPEED LIMIT			1		
63+00	LT	R3-17	BIKE LANE	24" X 18"	3			12.5
63+00	RT	R2-1	SPEED LIMIT	24" X 30"	5			13.5
66+50	LT	R2-1	SPEED LIMIT	24" X 30"	5			13.5
66+67	LT		SPEED LIMIT			1		
<b>TOTAL</b>					<b>60.2</b>	<b>4</b>	<b>4</b>	<b>153</b>

**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)	TOPSOIL F & P 4 (SQ YD)
<b>SPORTSMAN ROAD</b>						
43+08	66+40	2,020	1620	3,480	-1,865	10,370
<b>FILLING DITCH ALONG FRANK WATSON PARKWAY</b>						
				85	-85	
<b>TRENCH EXCAVATION FOR STORM SEWERS</b>						
43+08	66+40			-480	480	
<b>TRENCH BACKFILL USED ON SITE</b>						
43+08	66+40			-530	530	
<b>POROUS GRANULAR EMBANKMENT USED ON SITE</b>						
				-40	40	
<b>TOTAL</b>		<b>2,020</b>	<b>1,620</b>	<b>2,515</b>	<b>-900</b>	<b>10,370</b>

**EARTHWORK NOTES:**

- ESTIMATED SHRINKAGE FACTOR = 20%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

**SEEDING**

STATION	STATION	OFFSET	SEEDING CL 2 SPL (ACRE)	NITROGEN FERT NUTR (NOTE 1) (POUND)	PHOSPHORUS FERT NUTR (NOTE 1) (POUND)	POTASSIUM FERT NUTR (NOTE 1) (POUND)	MULCH METHOD 2 (NOTE 1) (ACRE)
43+55	66+40	RT	1.6	143	143	143	1.6
43+55	66+40	LT	0.9	78	78	78	0.9
<b>TOTAL</b>			<b>2.5</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>2.5</b>

**SEEDING NOTES:**

- FERTILIZER AND MULCH QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE COST FOR FERTILIZER NUTRIENTS AND MULCH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SEEDING, CLASS 2 (SPECIAL).

**SIDEWALK / SHARED USE PATH**

STATION	STATION	OFFSET	SUB GRAN MAT A 4 (SQ YD)	AGG BASE CSE A 6 (SQ YD)	PC CONC SIDEWALK 4 (SQ FT)	DETECTABLE WARNINGS (SQ FT)	PAVEMENT REM (SQ YD)	HMA SC SPECIAL (SQ YD)
<b>SIDEWALK</b>								
52+80	56+54	RT	229		2,061	12		
56+47	56+54	LT				12		
<b>SHARED USE PATH</b>								
56+47	58+70	LT	33	315	299		197	263
<b>TOTAL</b>			<b>262</b>	<b>315</b>	<b>2,360</b>	<b>24</b>	<b>197</b>	<b>263</b>

**SIDEWALK NOTES:**

- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED. SEE PLAN SHEETS FOR LOCATIONS AND TYPES. SEE HIGHWAY STANDARD 424016 AND MID-BLOCK CURB RAMP DETAIL.

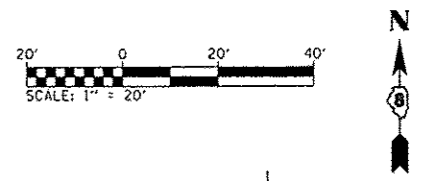
**PAVEMENT MARKING**

STATION	STATION	OFFSET	COMMENT	MOD URETH PM LTR-SYM (NOTE 1) (SQ FT)	MOD URETH PM LINE 4 (NOTE 1) (FOOT)	MOD URETH PM LINE 6 (NOTE 1) (FOOT)	MOD URETH PM LINE 12 (NOTE 1) (FOOT)
<b>SPORTSMAN ROAD</b>							
43+55	66+40	RT	BIKE LANE / EOP - SOLID	45		2276	
43+55	66+40	LT	BIKE LANE / EOP - SOLID	45		2319	
43+55	66+40	CL	CL - DOUBLE SOLID / CROSSWALK		4558		64
<b>SHARED USE PATH</b>							
56+47	58+70	LT	CL - SKIP DASH		60		
<b>TOTAL</b>				<b>90</b>	<b>4,618</b>	<b>4,595</b>	<b>64</b>

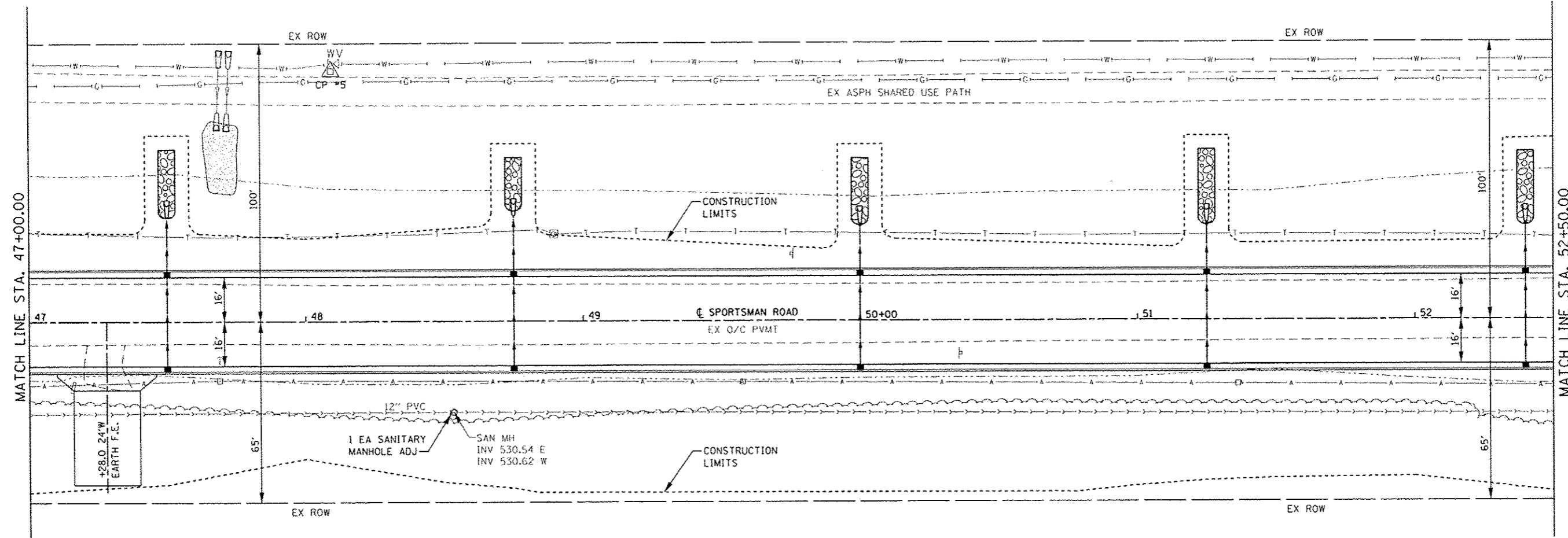
**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.





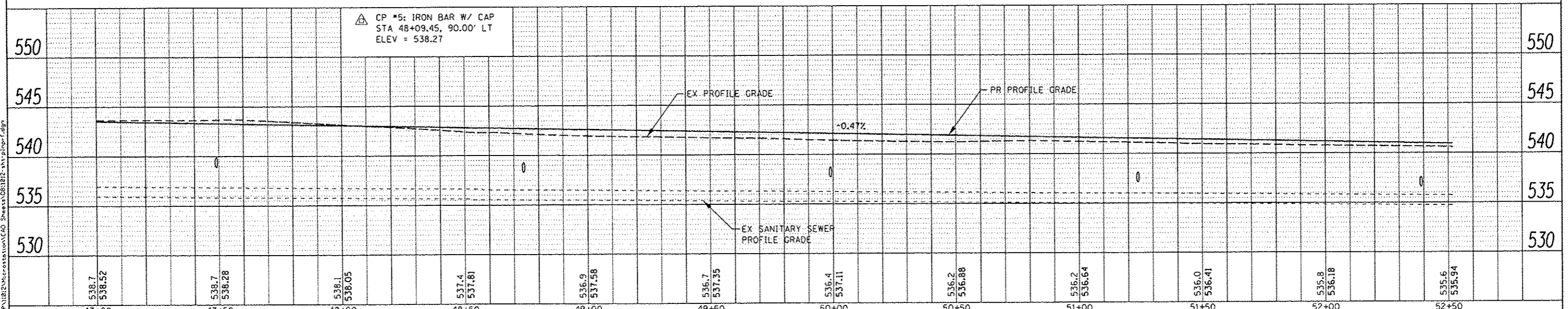
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02-1-18-31-00-000-009



N/F BETTY R. SCHMITT, OTHMAR L. REBER, AND SALLY S.E. RAEER  
02-1-18-31-00-000-009.001

DATE	
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DATE	
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NO. OF SHEETS	
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538.7 538.52	538.7 538.28	538.1 538.05	537.4 537.81	536.9 537.58	536.7 537.35	536.4 537.11	536.2 536.88	536.2 536.64	536.0 536.41	535.8 536.18	535.6 535.94
47+00	47+50	48+00	48+50	49+00	49+50	50+00	50+50	51+00	51+50	52+00	52+50

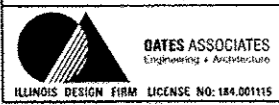
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PLOT DATE	2/3/2015	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

PLAN AND PROFILE SHEETS			
SCALE: 1"=20'	SHEET 2	OF 5 SHEETS	STA. 47+00.00 TO STA. 52+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	12
CONTRACT NO. 97585				
ILLINOIS FED. AID PROJECT				

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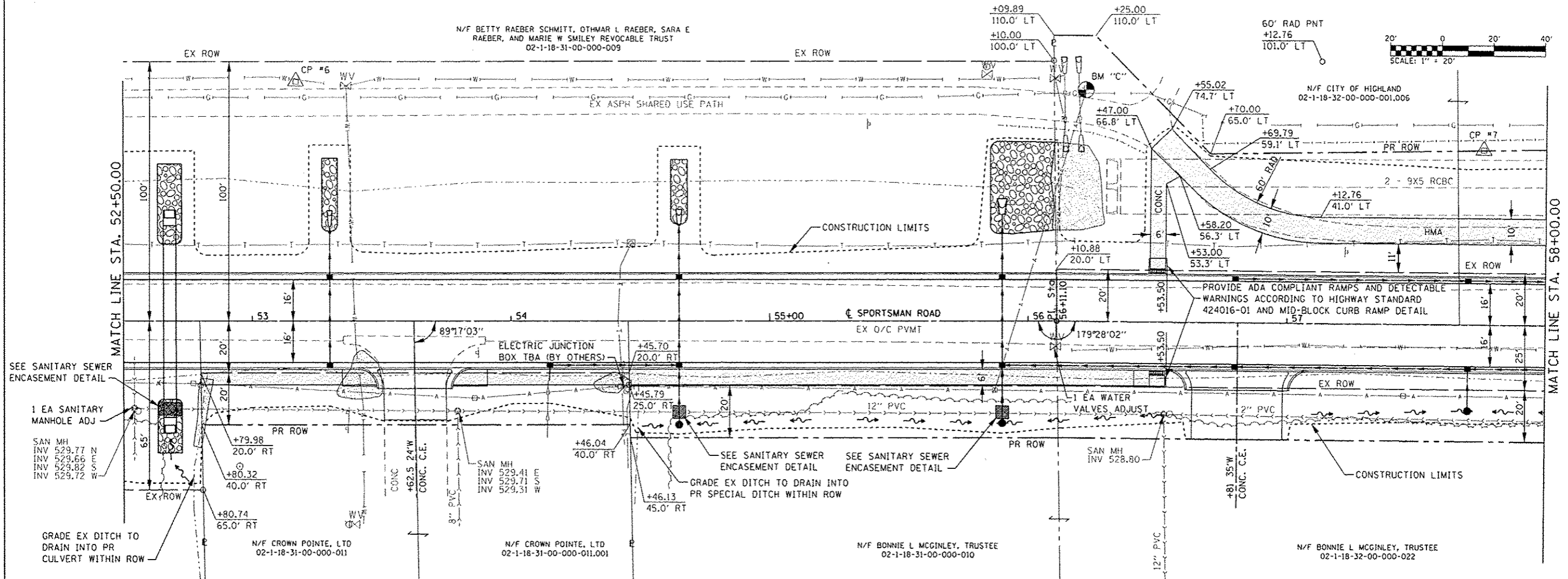


N/F BETTY RAEER SCHMITT, OTHMAR L RAEER, SARA E RAEER, AND MARIE W SMILEY REVOCABLE TRUST  
02-1-18-31-00-000-009

N/F CITY OF HIGHLAND  
02-1-18-32-00-000-001.006

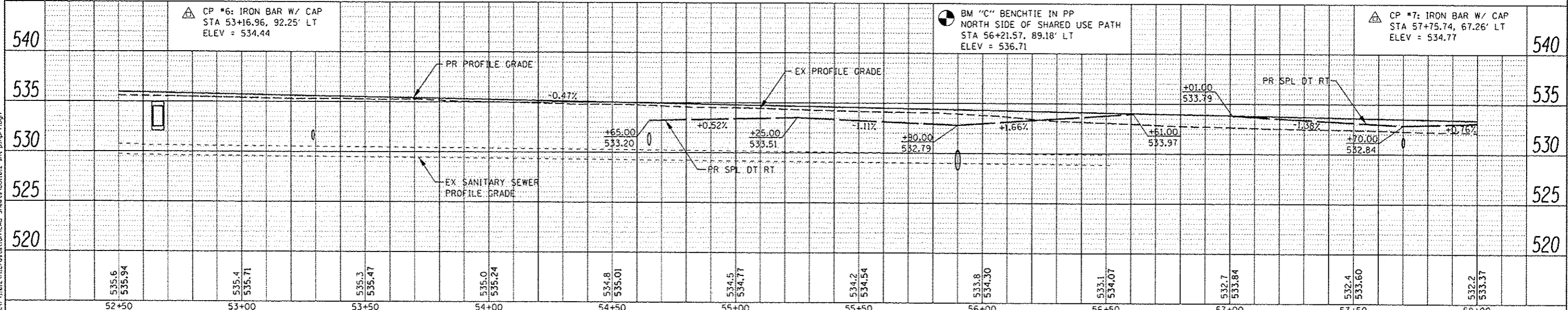
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PROFILE	DATE
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NO. 9	
NO. 10	



**PLAN SHEET LEGEND**

- PR PCC SIDEWALK / HMA SHARED USE PATH



<p><b>OATES ASSOCIATES</b> Engineering • Architecture</p> <p>ILLINOIS DESIGN FIRM LICENSE NO. 184.001115</p>	USER NAME - andymueller DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEETS SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 52+50.00 TO STA. 58+00.00	F.A.U. R.T.E. - 8857 SECTION - 11-00065-00-PV COUNTY - MADISON TOTAL SHEETS - 56 SHEET NO. - 13 CONTRACT NO. - 97585 ILLINOIS FED. AID PROJECT
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**TRAFFIC CONTROL – STAGE 1**

1. CLOSE ROAD FOR STAGE 1 BY INSTALLING TRAFFIC CONTROL ACCORDING TO HIGHWAY STANDARD B.L.R. 21.
2. CLOSE ROAD TO THRU TRAFFIC FOR STAGE 2 BY INSTALLING TRAFFIC CONTROL ACCORDING TO HIGHWAY STANDARD B.L.R. 22. ROAD CLOSED TO THRU TRAFFIC SIGNS SHALL BE PLACED ON TYPE III BARRICADES.
3. CONSTRUCT DITCHES AND EMBANKMENTS FOR STAGE 1.
4. CONSTRUCT PROPOSED STORM SEWER, INLETS, & CROSS ROAD CULVERTS FOR STAGE 1.
5. CONSTRUCT PROPOSED CURB & GUTTER, PAVEMENT, & SIDEWALK FOR STAGE 1.

**TRAFFIC CONTROL – STAGE 2**

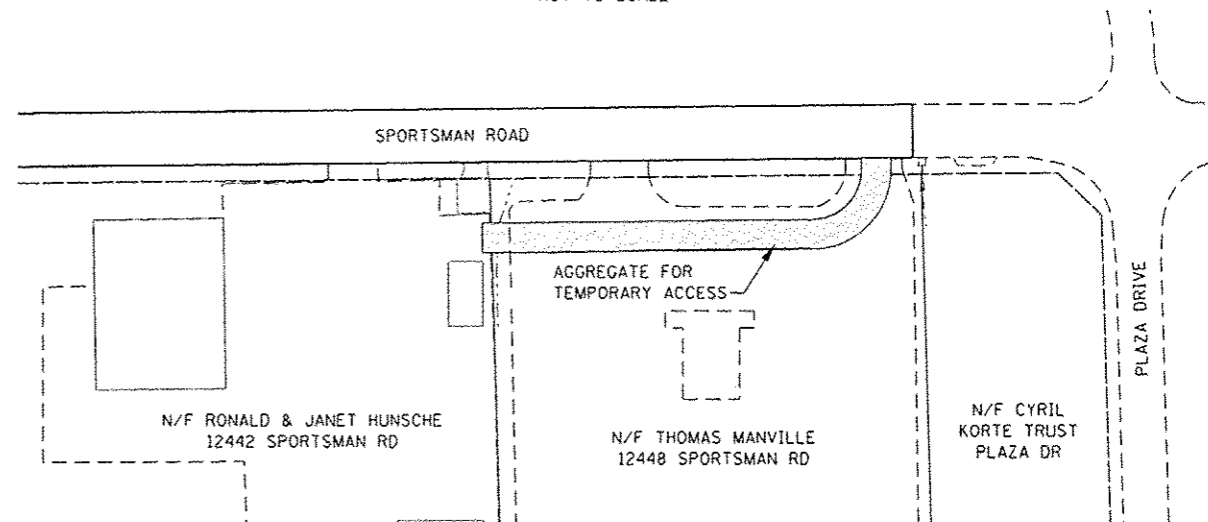
1. INSTALL TEMPORARY ENTRANCE FOR 12442 SPORTSMAN RD & 12448 SPORTSMAN RD.
2. CLOSE ROAD FOR STAGE 2 BY INSTALLING TRAFFIC CONTROL ACCORDING TO HIGHWAY STANDARD B.L.R. 21.
3. CLOSE ROAD TO THRU TRAFFIC FOR STAGE 1 BY INSTALLING TRAFFIC CONTROL ACCORDING TO HIGHWAY STANDARD B.L.R. 22. ROAD CLOSED TO THRU TRAFFIC SIGNS SHALL BE PLACED ON TYPE III BARRICADES.
4. CONSTRUCT DITCHES AND EMBANKMENTS FOR STAGE 2.
5. CONSTRUCT PROPOSED STORM SEWER, INLETS, & CROSS ROAD CULVERTS FOR STAGE 2.
6. CONSTRUCT PROPOSED CURB & GUTTER, PAVEMENT, & SIDEWALK FOR STAGE 2.

**TRAFFIC CONTROL NOTES**

1. ALL TRAFFIC CONTROL SIGNS, BARRICADES, AND MAINTENANCE TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL)
2. ACCESS TO CROWN POINTE APARTMENTS SHALL BE MAINTAINED DURING STAGE 1 AND STAGE 2 OF CONSTRUCTION.
3. A TEMPORARY ENTRANCE, AS SHOWN SHALL BE USED TO ALLOW ACCESS TO \*12442 SPORTSMAN RD AND \*12448 SPORTSMAN RD DURING STAGE 2 OF CONSTRUCTION.
4. ONE ENTRANCE AT \*12448 SPORTSMAN RD SHALL REMAIN OPEN AT ALL TIMES FOR TEMPORARY ACCESS. THE CONTRACTOR SHALL COORDINATE TEMPORARY ACCESS WITH ADJACENT PROPERTY OWNERS.
5. THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT CONSTRUCTION.
6. TYPE III BARRICADES SHALL BE PLACED AT BOTH ENDS OF THE SHARED USE PATH CONSTRUCTION.
7. 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.
8. 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.
9. 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.
10. ALL PROPERTY OWNERS FRONTING THE PROJECT SHALL BE NOTIFIED OF THE WORK AT LEAST 48 HOURS PRIOR TO CONSTRUCTION OPERATIONS.
11. ROAD CLOSED AHEAD SIGNS WITH APPROPRIATE DIRECTION ARROWS WILL BE REQUIRED ON ALL ADJACENT SIDE STREETS AS DIRECTED BY THE ENGINEER.

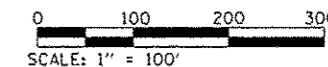
**TEMPORARY ENTRANCE DETAIL – STAGE 2**

NOT TO SCALE

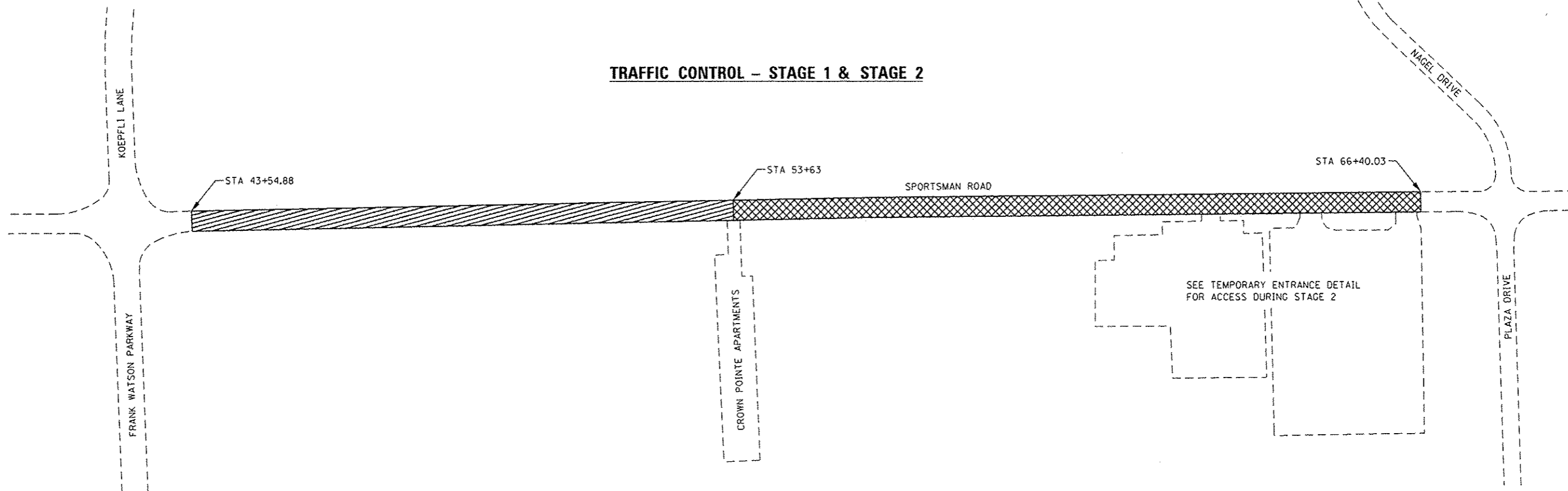


**TRAFFIC CONTROL PLAN LEGEND**

- STAGE 1
- STAGE 2
- TEMPORARY ENTRANCE



**TRAFFIC CONTROL – STAGE 1 & STAGE 2**



FILE NAME : H:\P\1102\Interstation\CAD\_Sheets\081102-int-staging.dgn

**DATES ASSOCIATES**  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME : andy.mueller	DESIGNED -	REVISED -
PLOT SCALE : 200.0000' / 1"	DRAWN -	REVISED -
PLOT DATE : 2/3/2015	CHECKED -	REVISED -
	DATE -	REVISED -

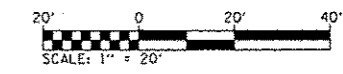
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

1"=100' SHEET 1 OF 1 SHEETS STA. 42+00.00 TO STA. 68+50.00

F.A.U. RTE. 8857	SECTION 11-00065-00-PV	COUNTY MADISON	TOTAL SHEETS 56	SHEET NO. 16
CONTRACT NO. 97585				
ILLINOIS FED. AID PROJECT				

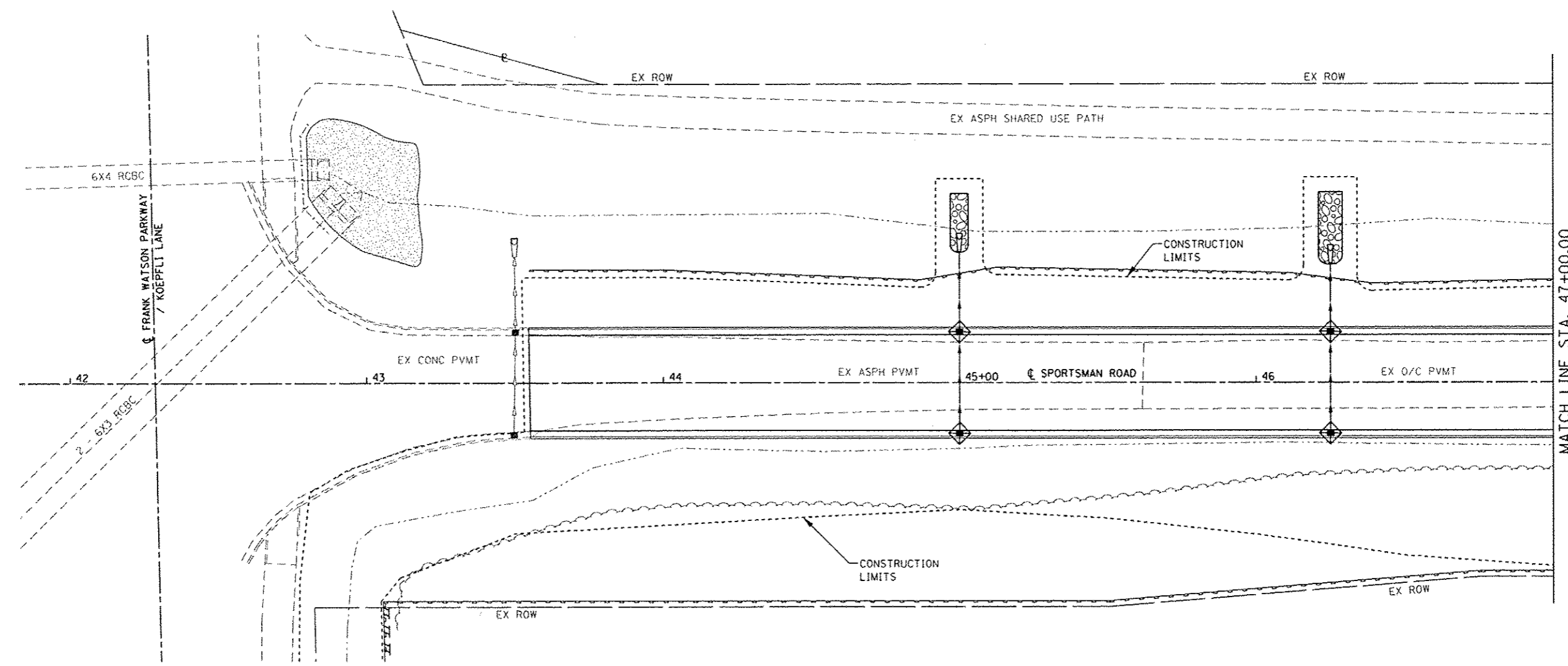




**EROSION CONTROL LEGEND**

- LIMITS OF CONSTRUCTION
- PERIMETER EROSION BARRIER  
SILT FILTER FENCE OR OTHER  
AS APPROVED BY THE ENGINEER
- ◊ INLET AND PIPE PROTECTION
- ▨ HEAVY DUTY EROSION CONTROL BLANKET
- ⊞ STONE RIPRAP

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.



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**DATES ASSOCIATES**  
Engineering + Architecture

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

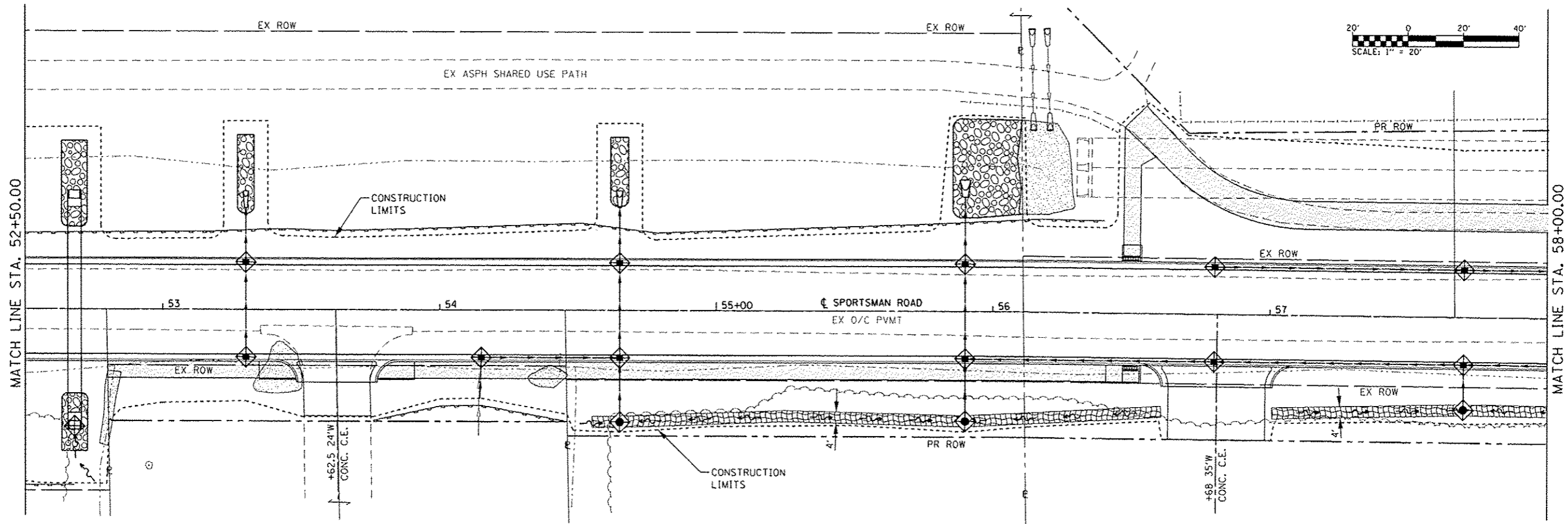
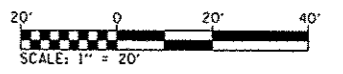
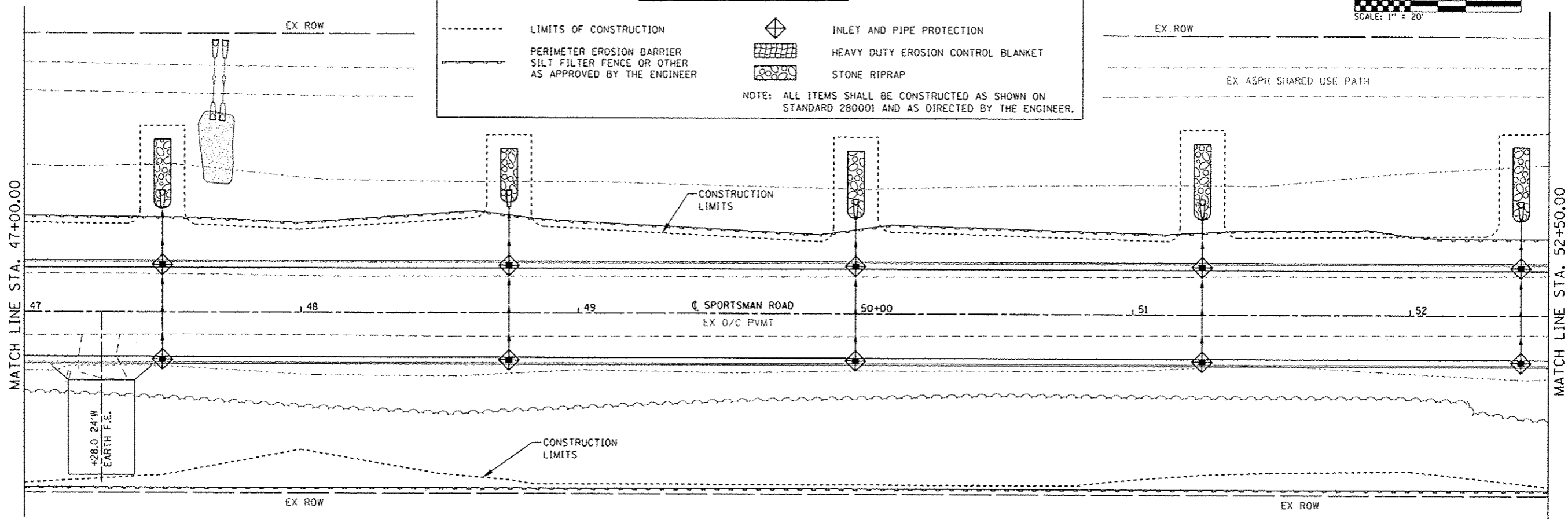
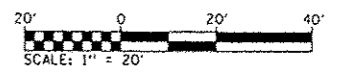
**EROSION CONTROL SHEETS**

SCALE: 1"=20'    SHEET 1 OF 3 SHEETS    STA. 42+00.00 TO STA. 47+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	17
CONTRACT NO. 97585				
ILLINOIS FED. AID PROJECT				

**EROSION CONTROL LEGEND**

--- LIMITS OF CONSTRUCTION  
 --- PERIMETER EROSION BARRIER SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER  
 INLET AND PIPE PROTECTION  
 HEAVY DUTY EROSION CONTROL BLANKET  
 STONE RIPRAP  
 NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.



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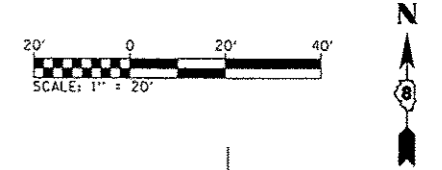
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL SHEETS**

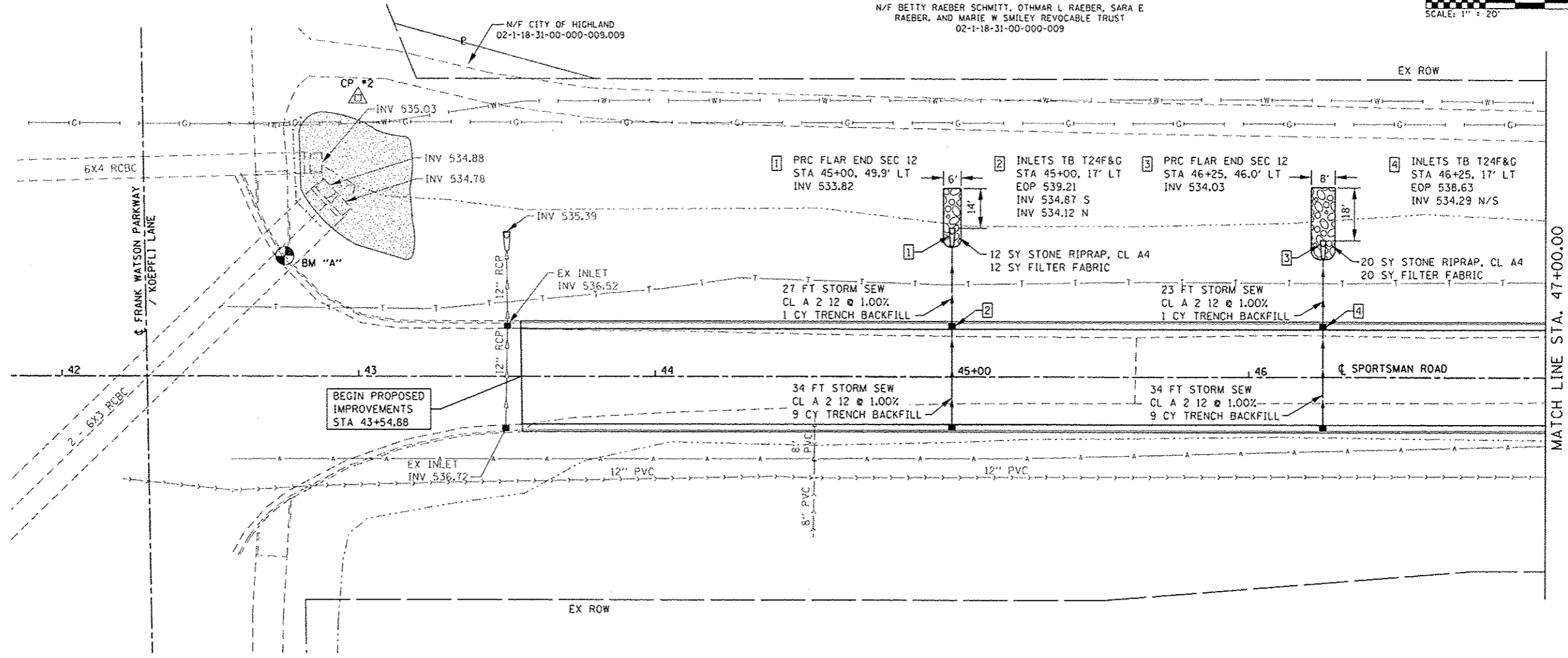
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F.A.U. RTE. 8857	SECTION 11-00065-00-PV	COUNTY MADISON	TOTAL SHEETS 56	SHEET NO. 18
CONTRACT NO. 97585				
ILLINOIS FED. AID PROJECT				



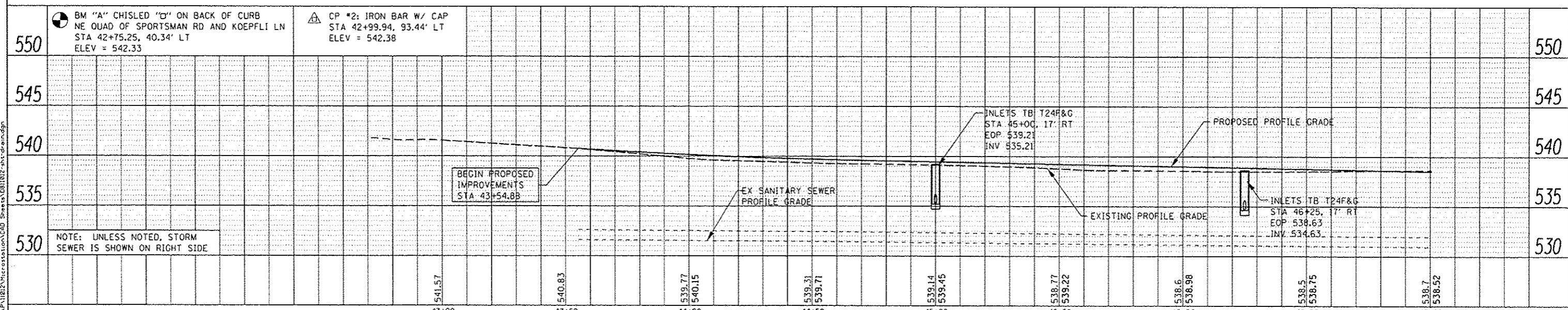


N/F BETTY RAEBER SCHMITT, OTHMAR L RAEBER, SARA E RAEBER, AND MARIE W SMILEY REVOCABLE TRUST  
02-1-18-31-00-000-009



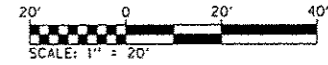
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REVISIONS	
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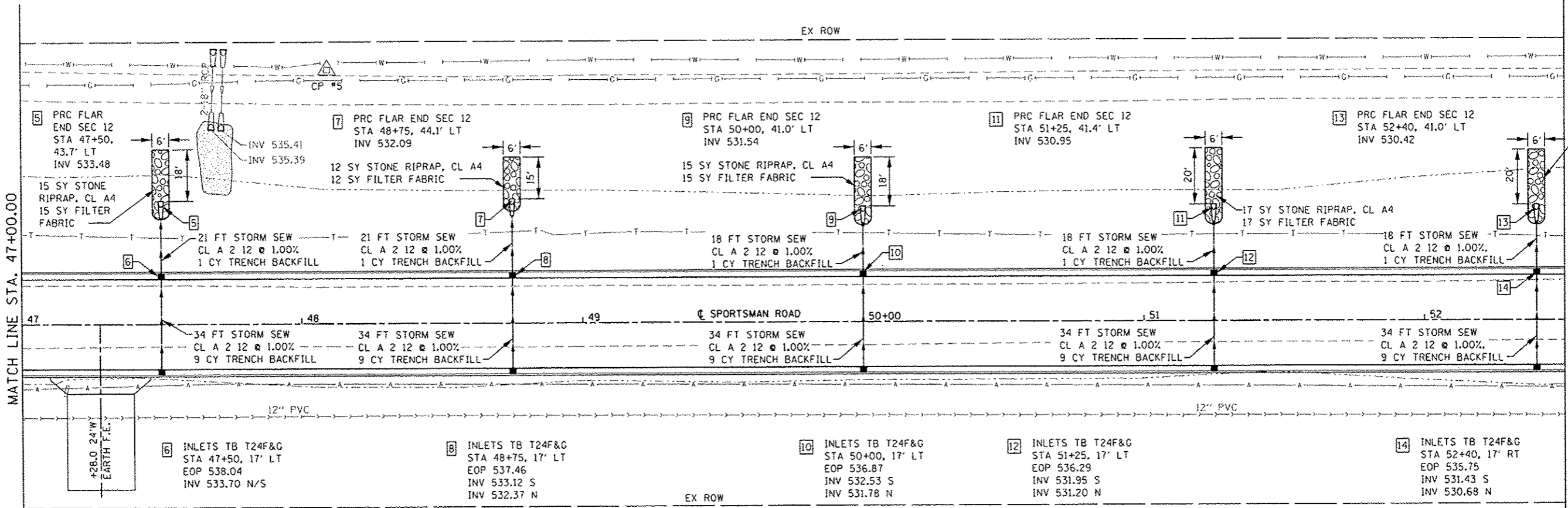


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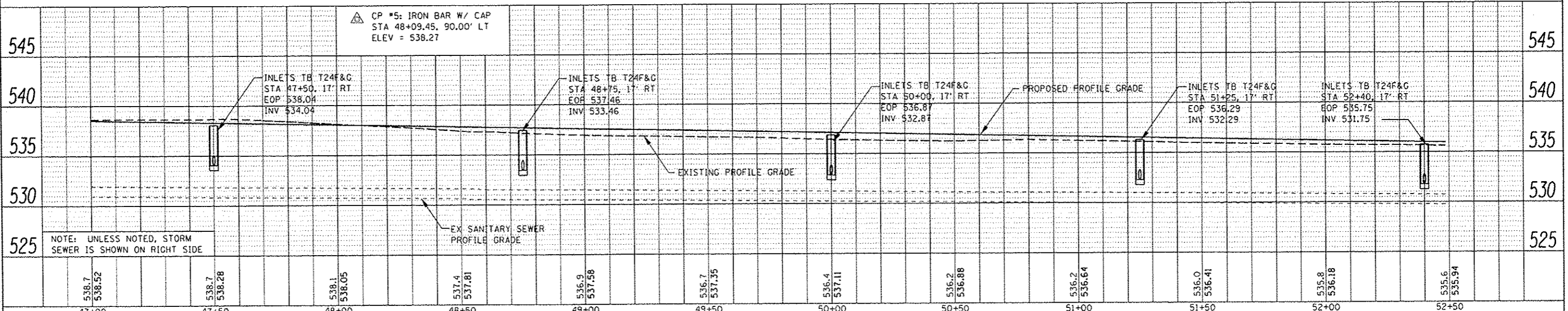
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02-1-18-31-00-000-009



N/F BETTY R SCHMITT, OTHMAR L RAEER, AND SALLY S.E. RAEER  
02-1-18-31-00-000-009.001

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PLANNED	
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NOTED	
NO.	



NOTE: UNLESS NOTED, STORM SEWER IS SHOWN ON RIGHT SIDE

CP #5: IRON BAR W/ CAP  
STA 48+09.45, 90.00' LT  
ELEV = 538.27

538.7 538.52	538.7 538.28	538.1 538.05	537.4 537.81	536.9 537.58	536.7 537.35	536.4 537.11	536.2 536.88	536.2 536.64	536.0 536.41	535.8 536.18	535.6 535.94
47+00	47+50	48+00	48+50	49+00	49+50	50+00	50+50	51+00	51+50	52+00	52+50

**DATES ASSOCIATES**  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME	andy.mueller	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
DATE	-	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE SHEETS

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. 47+00.00 TO STA. 52+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B857	11-00065-00-PV	MADISON	56	21
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	



27 INLETS TB T24F&G  
STA 58+60, 17' LT  
EOP 532.85  
INV 528.89 E/W

28 MAN TA 4 DIAM T24F&G  
STA 59+50, 17' LT  
EOP 532.43  
INV 526.98 N  
INV 527.99 W

30 PRC FLAR END SEC 12  
STA 59+50, 45.4' LT  
INV 526.69

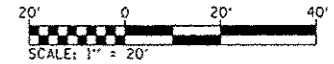
31 PRC FLAR END SEC 12  
STA 61+00, 38.5' LT  
INV 528.00

32 INLETS TB T24F&G  
STA 61+00, 17' LT  
EOP 531.72  
INV 528.22 N

N/F CITY OF HIGHLAND  
02-1-18-32-00-000-001.004

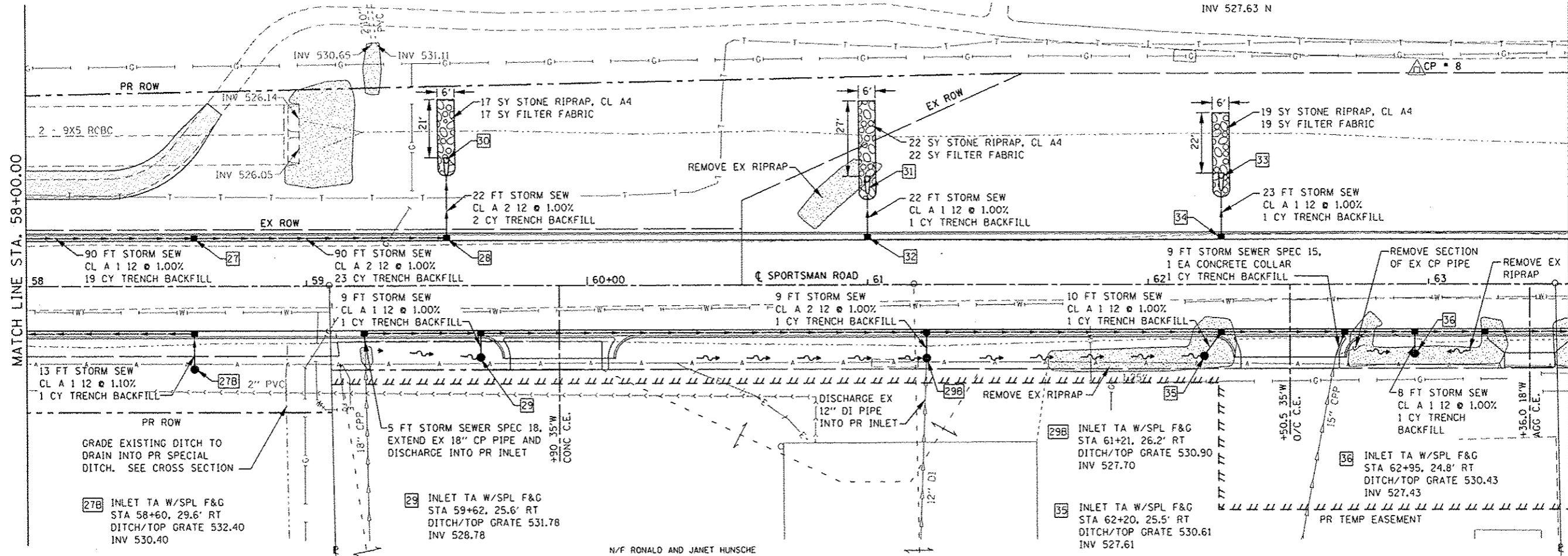
33 PRC FLAR END SEC 12  
STA 62+26, 39.5' LT  
INV 527.40

34 INLETS TB T24F&G  
STA 62+26, 17' LT  
EOP 531.13  
INV 527.63 N



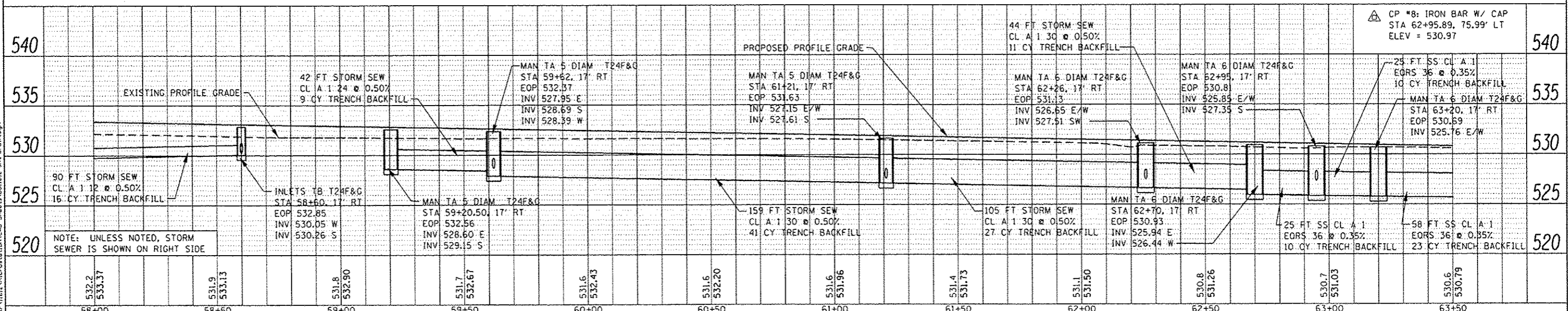
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DESCRIPTION	
DATE	
BY	
REVISION	
NO.	
DESCRIPTION	



N/F BONNIE L MCGINLEY, TRUSTEE  
02-1-18-32-00-000-022

N/F RONALD AND JANET HUNSCH  
02-2-18-32-00-000-038



532.2 533.37	531.9 533.13	531.8 532.90	531.7 532.67	531.6 532.43	531.5 532.20	531.6 531.96	531.4 531.73	531.1 531.50	530.8 531.26	530.7 531.03	530.6 530.79
58+00	58+50	59+00	59+50	60+00	60+50	61+00	61+50	62+00	62+50	63+00	63+50

**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.00115

USER NAME: andymuller	DESIGNED -	REVISED -
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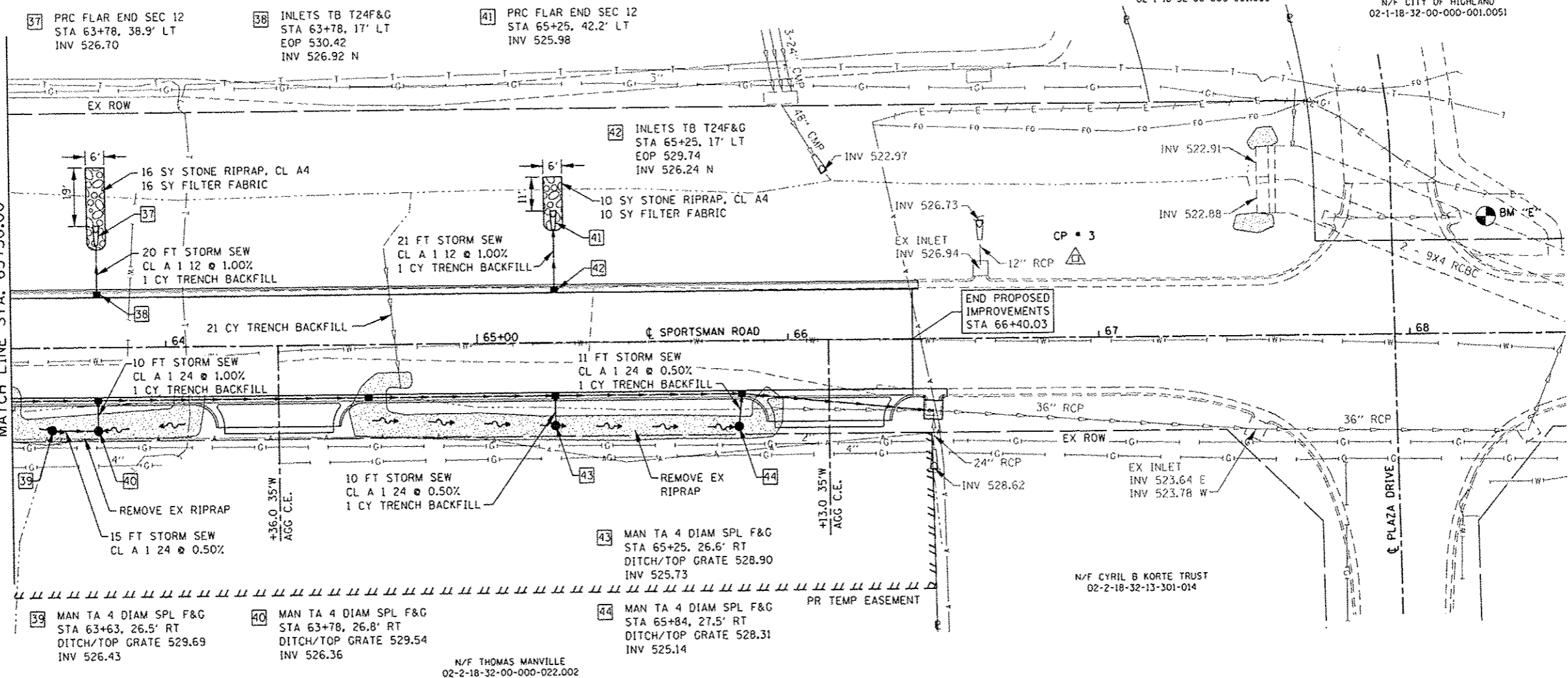
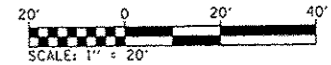
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE SHEETS**

SCALE: 1"=20'    SHEET 4 OF 5 SHEETS    STA. 58+00.00 TO STA. 63+50.00

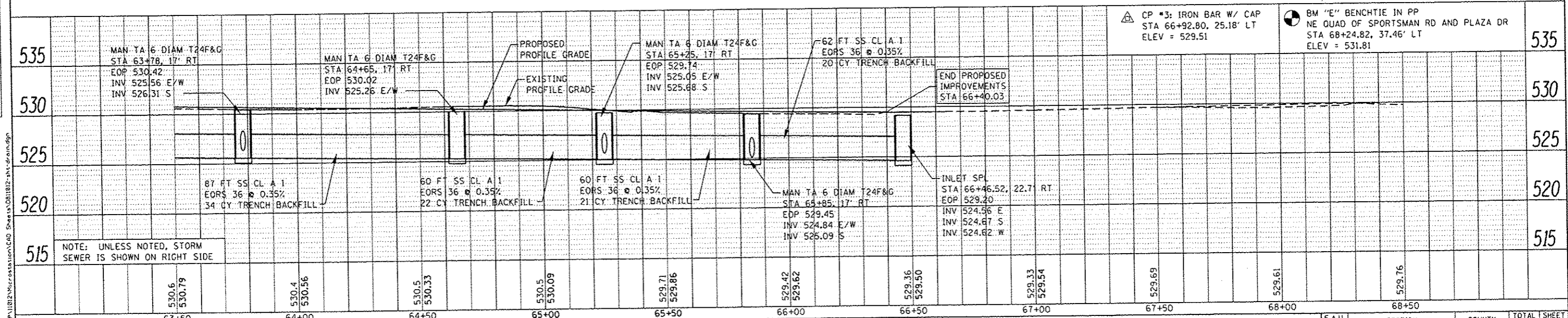
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8857	11-00065-00-PV	MADISON	56	23
CONTRACT NO. 97585				

N/F CITY OF HIGHLAND  
02-1-18-32-00-000-001.004



DATE	
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PROFILE	
NOTE BOOK	
NO.	



535	MAN TA 6 DIAM T24F&G STA 63+78, 17' RT EOP 530.42 INV 525.56 E/W INV 526.31 S	MAN TA 6 DIAM T24F&G STA 64+65, 17' RT EOP 530.02 INV 525.26 E/W	PROPOSED PROFILE GRADE	MAN TA 6 DIAM T24F&G STA 65+25, 17' RT EOP 529.74 INV 525.09 E/W INV 525.88 S	62 FT SS CL A.1 EORS 36 @ 0.35% 20 CY TRENCH BACKFILL	END PROPOSED IMPROVEMENTS STA 66+40.03	CP #3: IRON BAR W/ CAP STA 66+92.80, 25.18' LT ELEV = 529.51	BM "E" BENCHTIE IN PP NE QUAD OF SPORTSMAN RD AND PLAZA DR STA 68+24.82, 37.46' LT ELEV = 531.81	535
530			EXISTING PROFILE GRADE						530
525									525
520	87 FT SS CL A.1 EORS 36 @ 0.35% 34 CY TRENCH BACKFILL	60 FT SS CL A.1 EORS 36 @ 0.35% 22 CY TRENCH BACKFILL		60 FT SS CL A.1 EORS 36 @ 0.35% 21 CY TRENCH BACKFILL	MAN TA 6 DIAM T24F&G STA 64+85, 17' RT EOP 529.45 INV 524.84 E/W INV 525.09 S	INLET SPL STA 66+46.52, 22.7' RT EOP 529.20 INV 524.56 E INV 524.67 S INV 524.62 W			520
515	NOTE: UNLESS NOTED, STORM SEWER IS SHOWN ON RIGHT SIDE								515

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**DAYES ASSOCIATES**  
 Engineering • Architecture  
 ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

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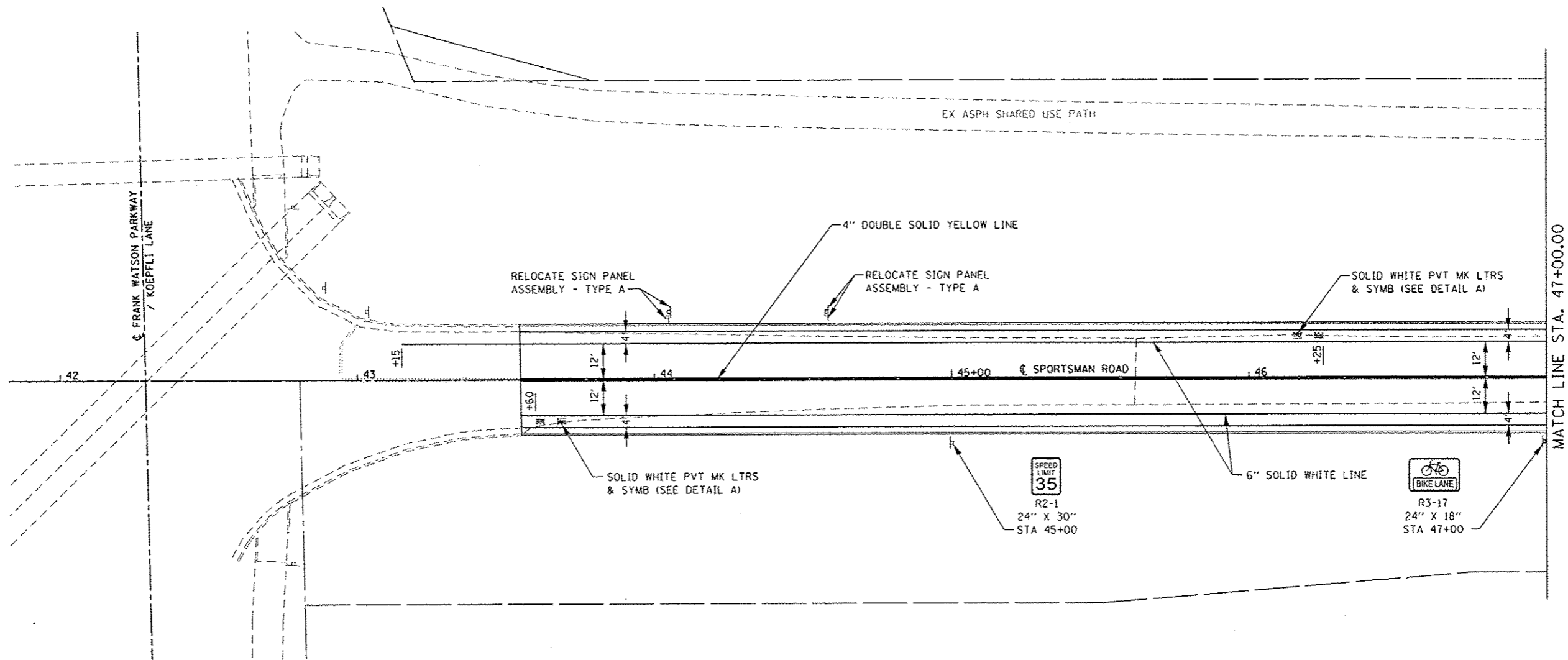
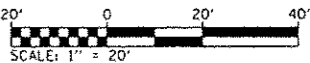
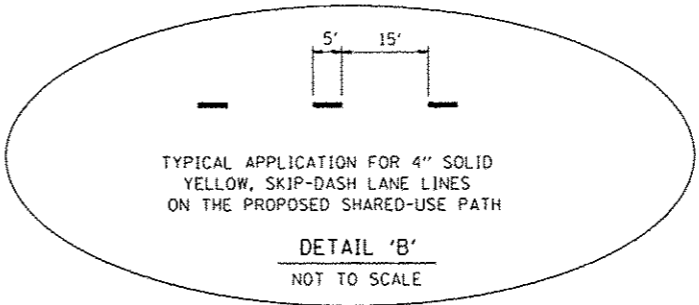
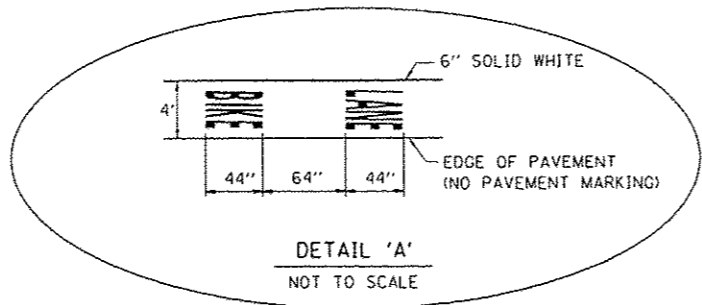
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE SHEETS**

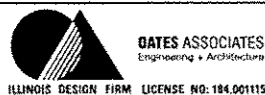
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8957	11-00065-00-PV	MADISON	56	24
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	





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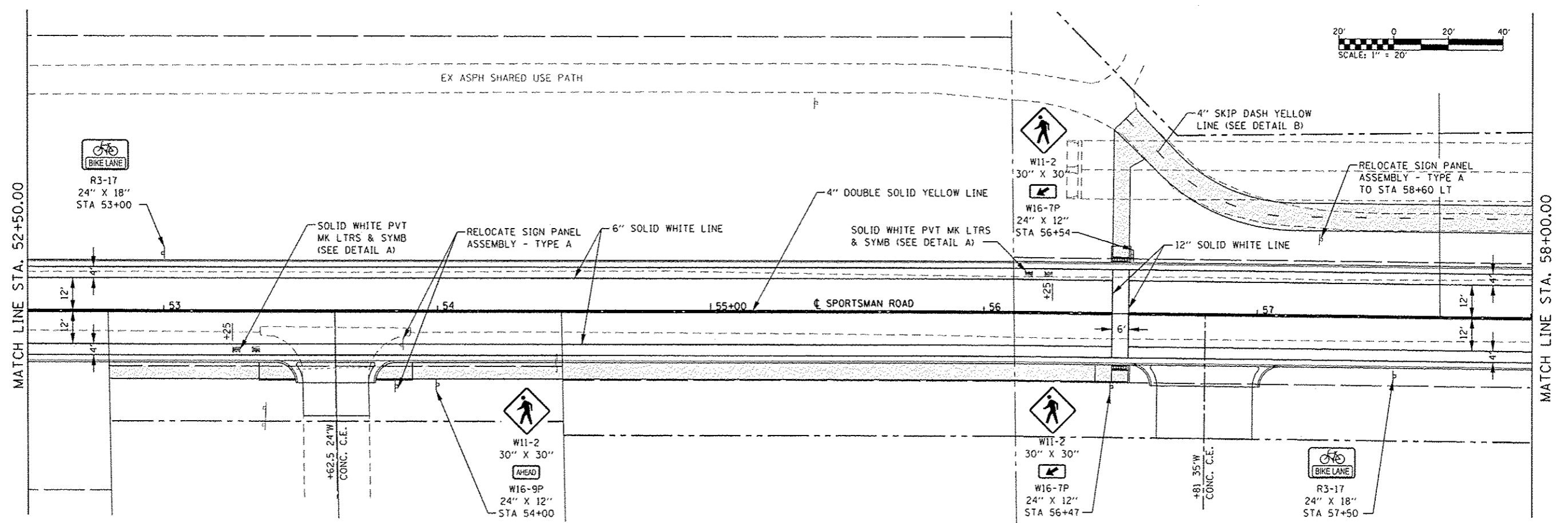
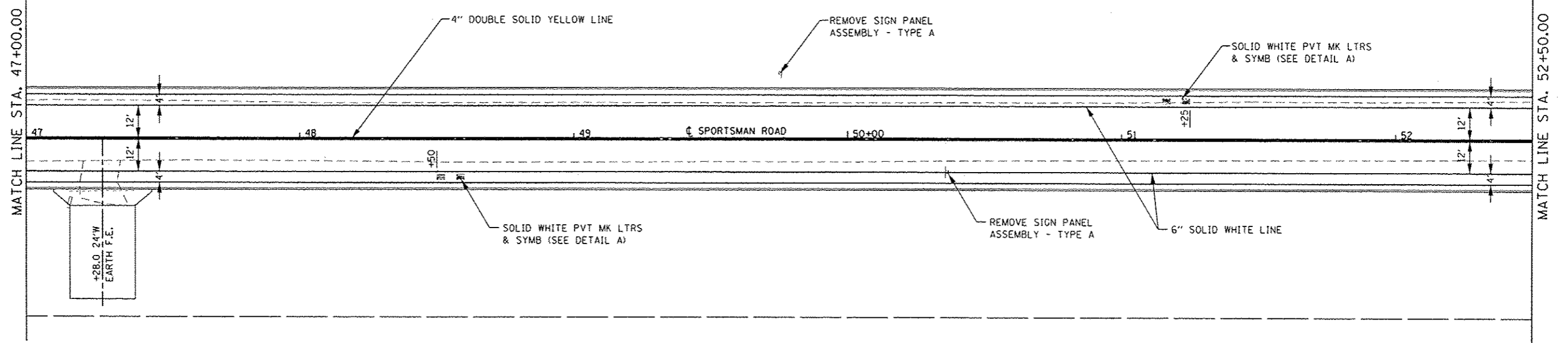
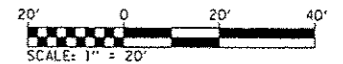
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PLOT SCALE	1/8" = 1' / in.	DRAWN	-	REVISED	-
PLOT DATE	2/3/2015	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING SHEETS**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 42+00.00 TO STA. 47+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	25
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97585	



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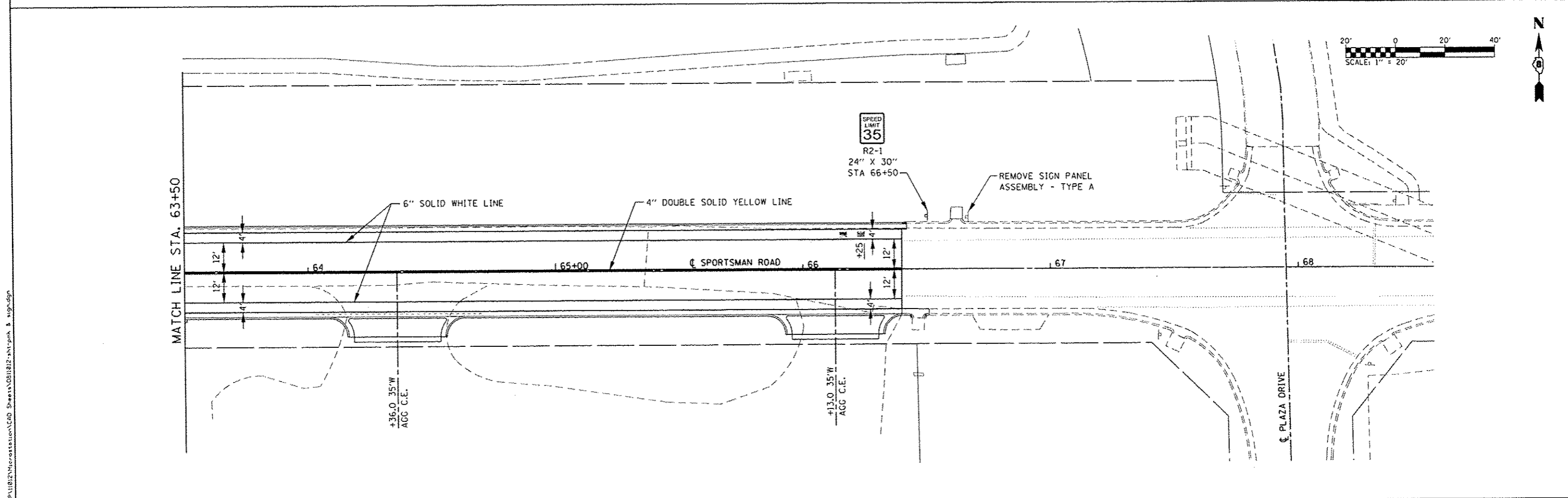
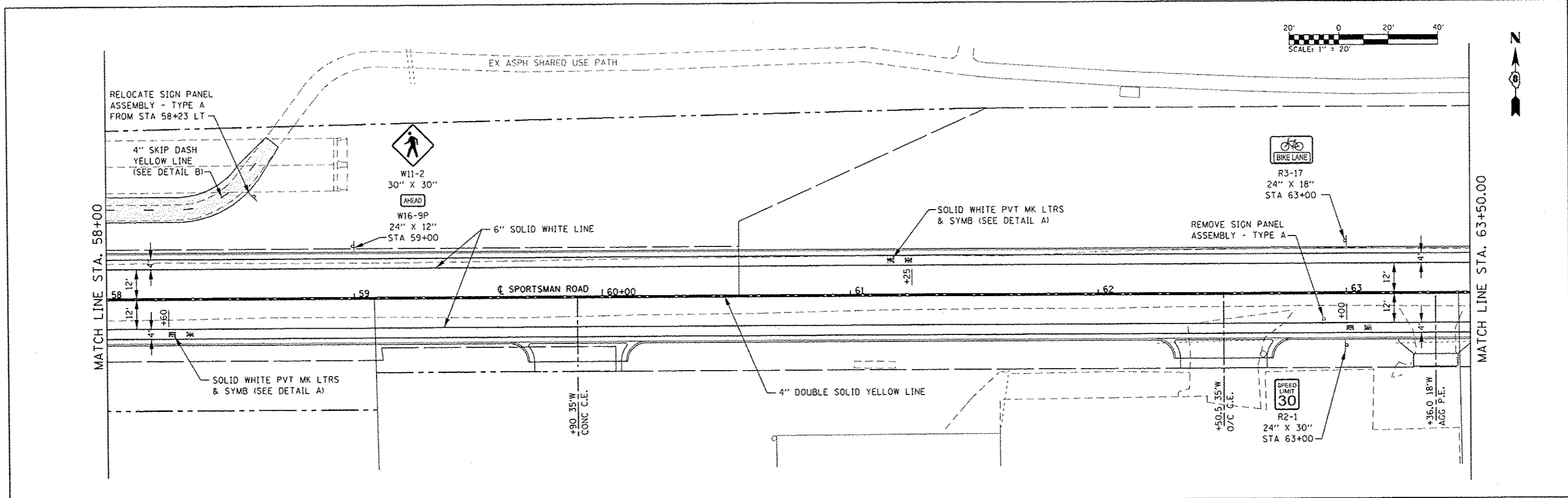
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PLOT DATE - 2/3/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING SHEETS**

SCALE: 1"=20'    SHEET 2 OF 3 SHEETS    STA. 47+00.00 TO STA. 58+00.00

F.A.U. RTE. 8857	SECTION 11-00065-00-PV	COUNTY MADISON	TOTAL SHEETS 56	SHEET NO. 26
CONTRACT NO. 97585				ILLINOIS FED. AID PROJECT



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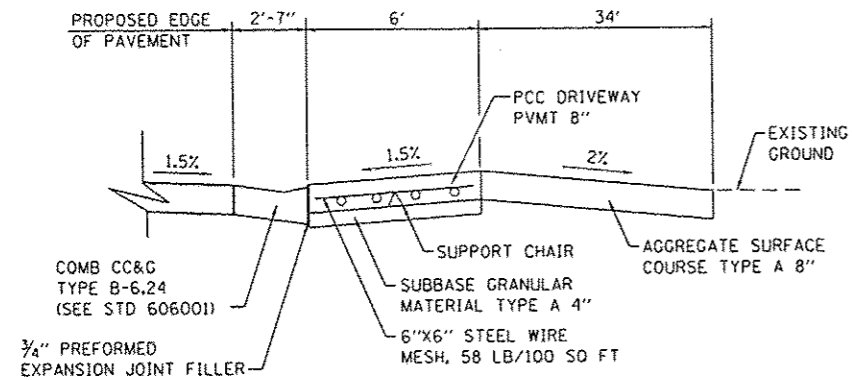


USER NAME = andy.mueller	DESIGNED -	REVISED -
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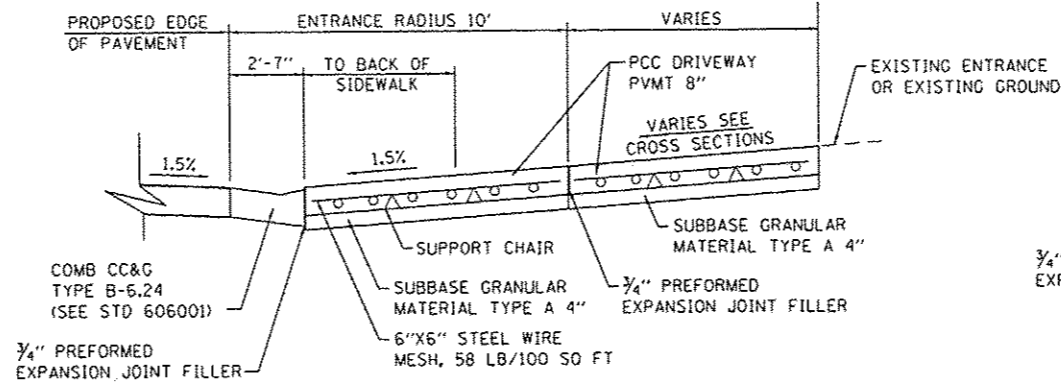
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; SIGNING SHEETS</b>		
SCALE: 1"=20'	SHEET 3 OF 3 SHEETS	STA. 58+00.00 TO STA. 68+50.00

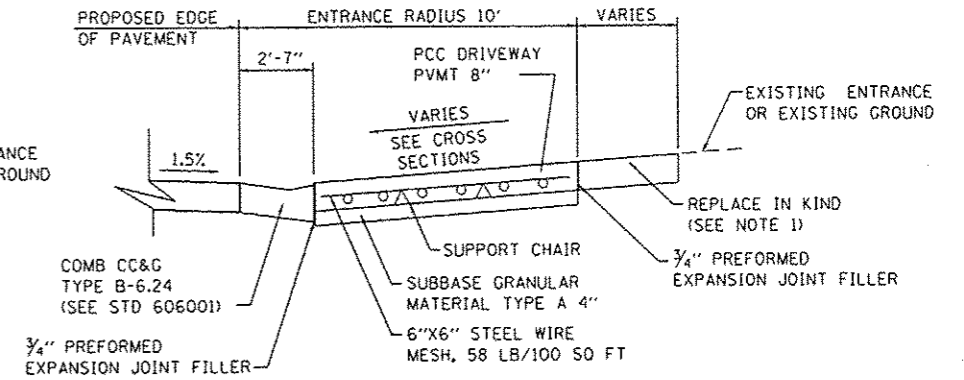
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CONTRACT NO. 97585				
ILLINOIS FED. AID PROJECT				



**SECTION A-A**  
(NOT TO SCALE)



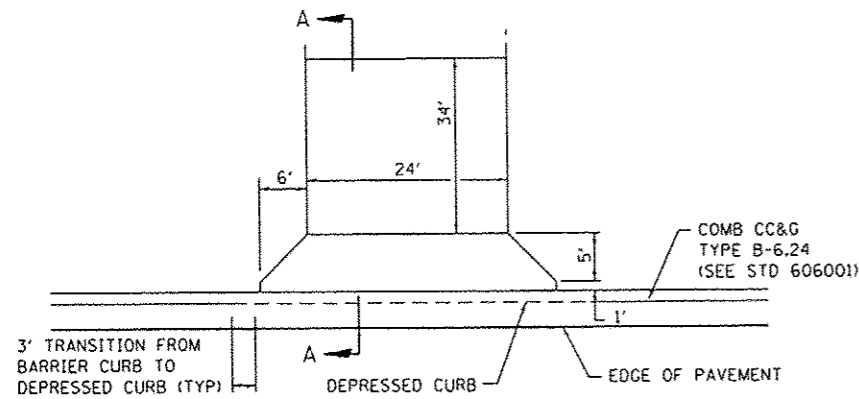
**SECTION B-B**  
(NOT TO SCALE)



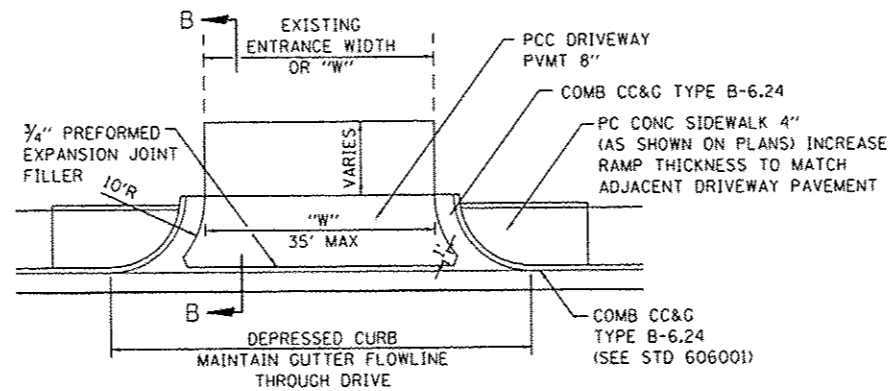
**NOTES:**

1. STA 64+36 RT & 66+13 RT SHALL BE REPLACED WITH AGGREGATE SURFACE COURSE TYPE A 8".
2. STA 62+50.5 RT SHALL BE REPLACED WITH PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8" WITH STEEL WIRE MESH AND SUBBASE GRANULAR MATERIAL TYPE A 4".

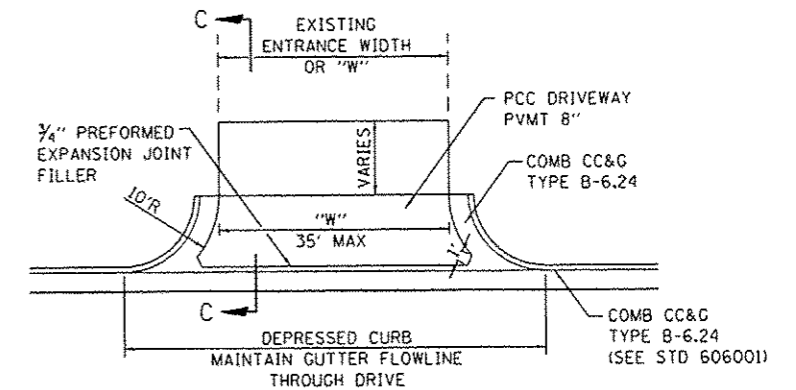
**SECTION C-C**  
(NOT TO SCALE)



**FIELD ENTRANCE (F.E.)**  
STA 47+28.00 RT  
(NOT TO SCALE)



**COMMERCIAL ENTRANCE (C.E.) WITH SIDEWALK**  
STA 53+62.5 RT  
STA 56+81 RT  
(NOT TO SCALE)



**COMMERCIAL ENTRANCE (C.E.) WITH NO SIDEWALK**  
STA 59+90 RT  
STA 62+50.5 RT  
STA 64+36 RT  
STA 66+13 RT  
(NOT TO SCALE)

FILE NAME: I:\P\11012\Microstation\CAD\_Sheet\081102-RT-081101.dgn



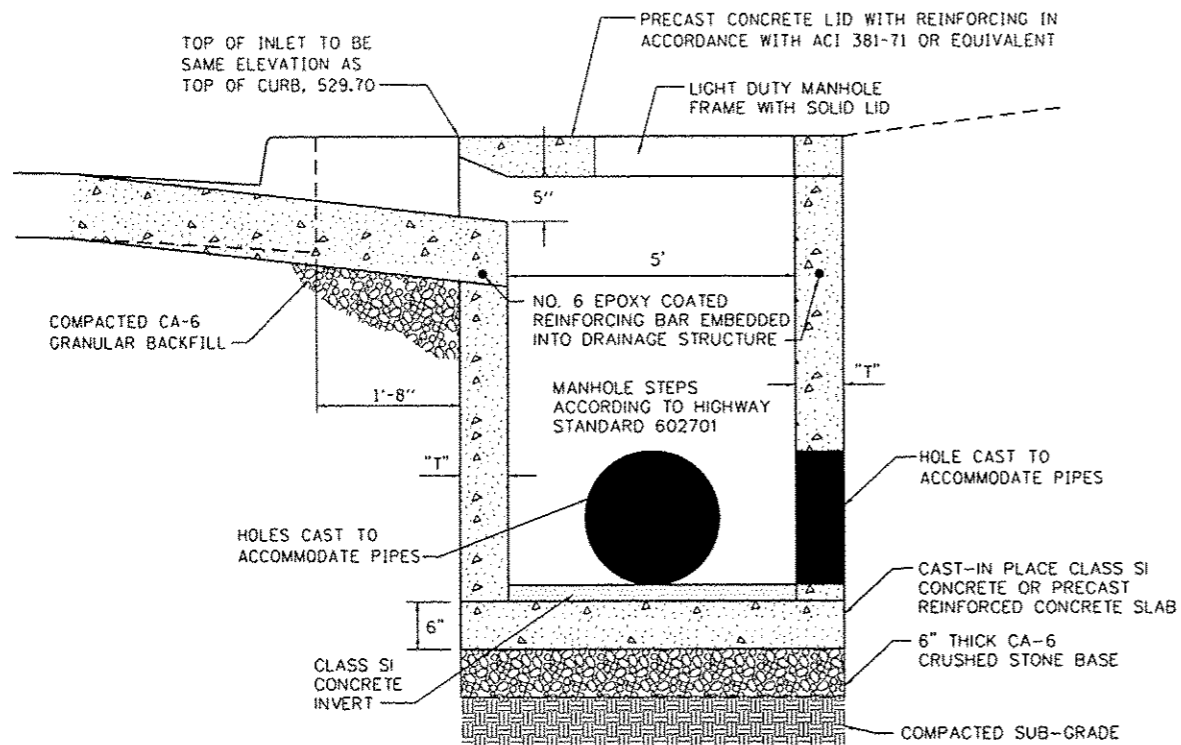
USER NAME	andy.mueller	DESIGNED	-	REVISED	-
PLOT SCALE	1/8" = 1'-0"	DRAWN	-	REVISED	-
PLOT DATE	2/3/2015	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

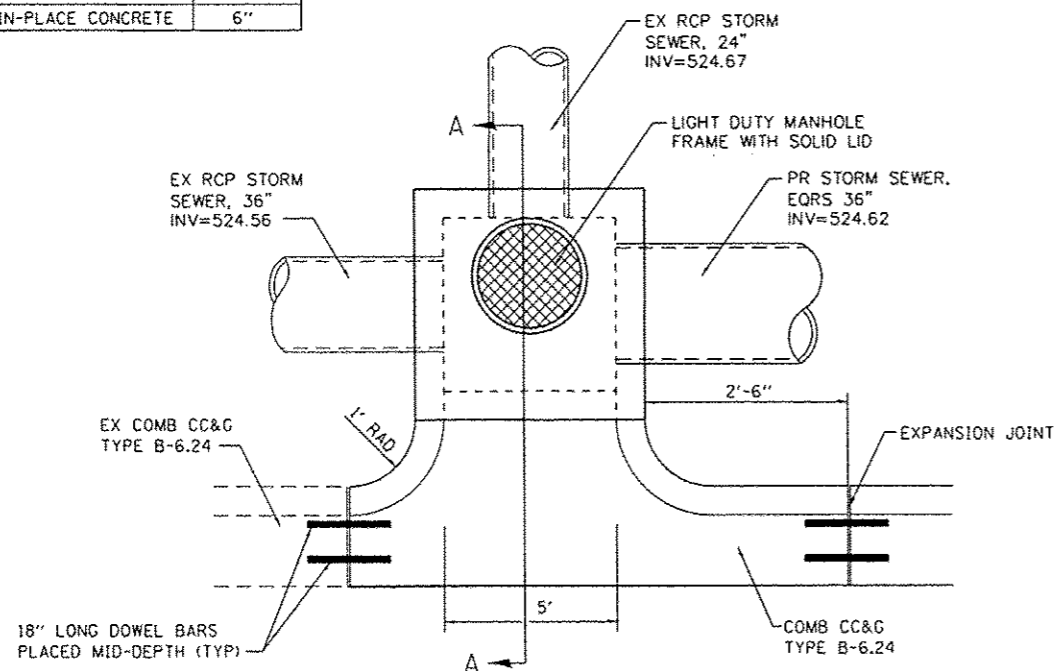
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	28
				CONTRACT NO. 97585
ILLINOIS FED. AID PROJECT				



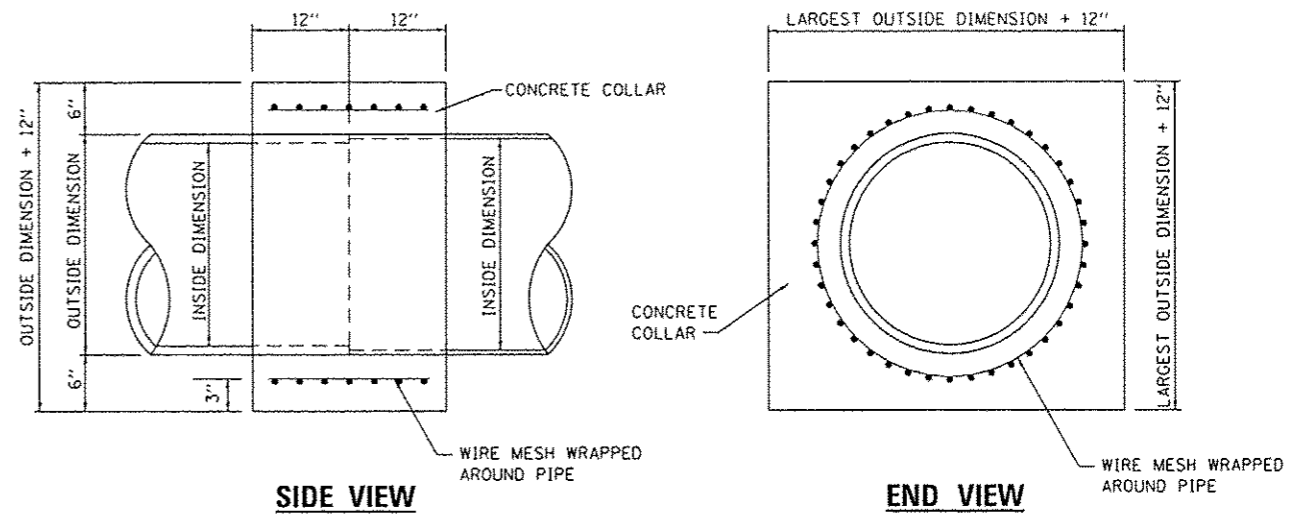


**SECTION A-A**  
(NOT TO SCALE)

ALTERNATE MATERIALS FOR INLET WALLS	"T" (MIN.)
CONCRETE MASONRY UNITS	5"
BRICK MASONRY	8"
PRECAST REINFORCED CONCRETE SECTIONS	6"
CAST-IN-PLACE CONCRETE	6"



**INLETS, SPECIAL**  
(NOT TO SCALE)



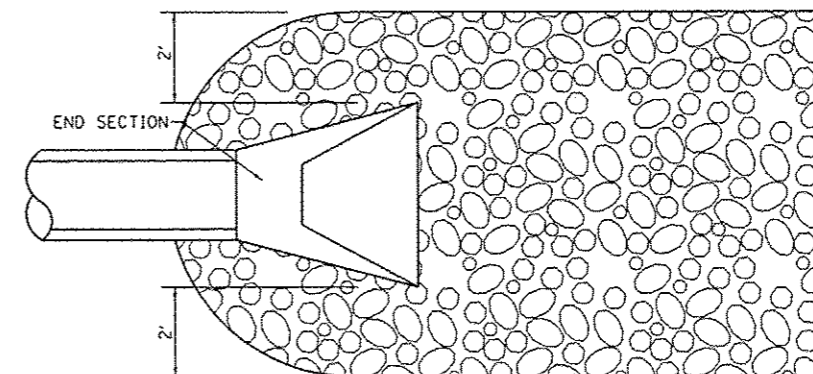
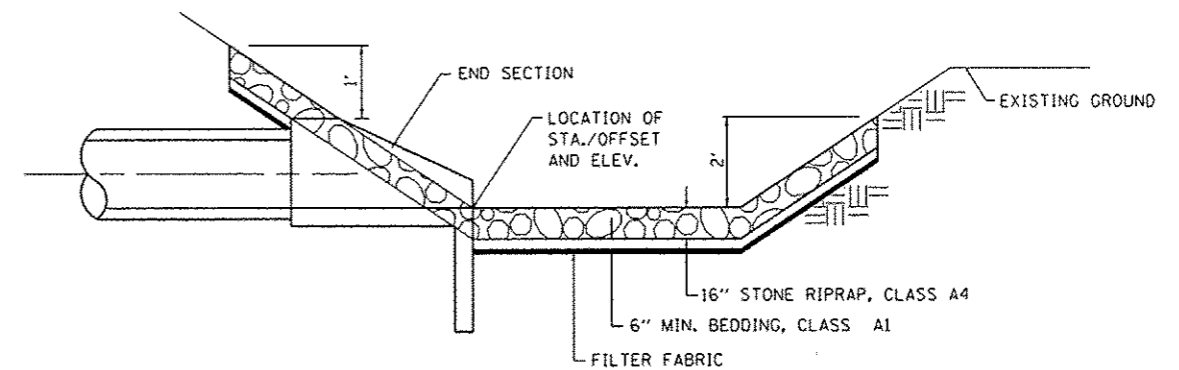
**SIDE VIEW**

**END VIEW**

**NOTES:**

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIMENSIONS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIMENSION. (SEE END VIEW)
3. WIRE MESH SHALL WEIGHT NOT LESS THAN 58 POUNDS PER 100 SQ. FT.

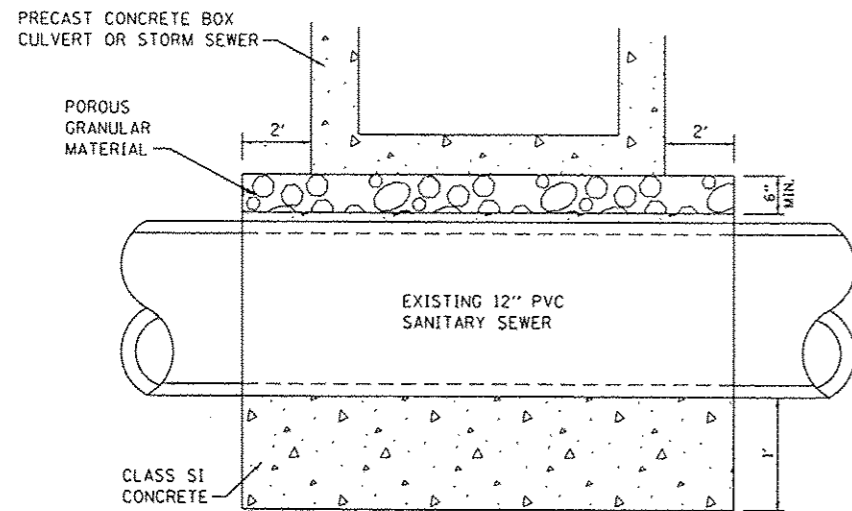
**CONCRETE COLLAR**  
(NOT TO SCALE)



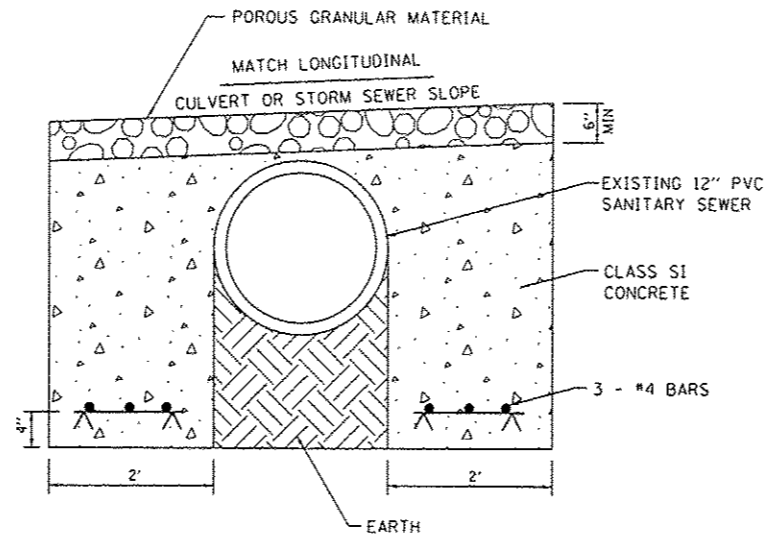
SEE PLANS FOR LENGTH OF PROTECTION

**STONE RIPRAP**  
(NOT TO SCALE)

FILE NAME: H:\P\102\MicroStation\CGD\_Sheets\081812-int-detail.dgn



**SIDE VIEW**



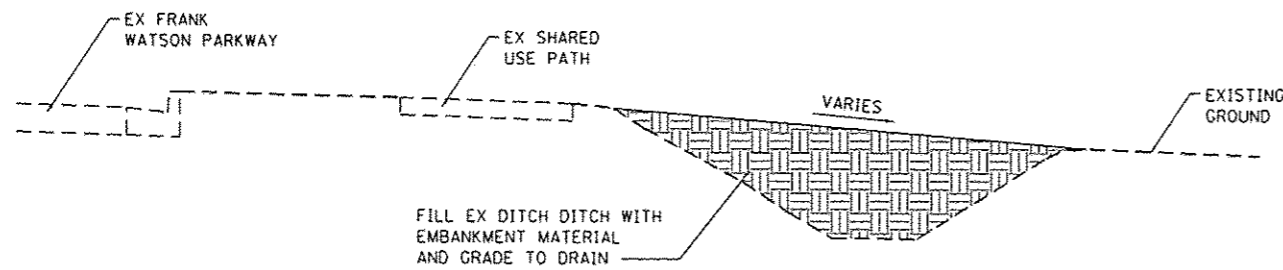
**END VIEW**

**NOTES:**

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. THE COST OF SANITARY SEWER ENCASEMENTS WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR PRECAST CONCRETE BOX CULVERTS AND STORM SEWERS.

**SANITARY SEWER ENCASEMENT**

(NOT TO SCALE)

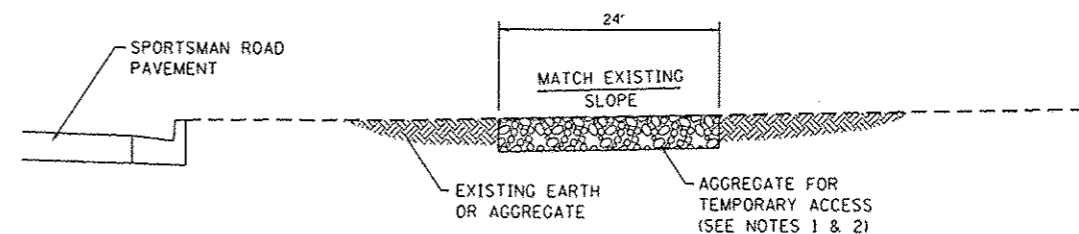


**NOTES:**

1. SEE PLAN AND PROFILE SHEETS FOR GRADING LIMITS

**FRANK WATSON PARKWAY GRADING DETAIL**

(NOT TO SCALE)



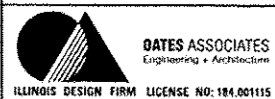
**NOTES:**

1. AGGREGATE SHALL BE PLACED AS NEEDED TO THE SATISFACTION OF THE ENGINEER IN AREAS WITH EXISTING AGGREGATE.
1. AREAS WITH EXISTING EARTH SHALL BE REMOVED AND REPLACED WITH 12" OF AGGREGATE.

**TEMPORARY CONSTRUCTION ACCESS**

(NOT TO SCALE)

FILE NAME: H:\P\11812\11812\11812.dwg



USER NAME: andymueller	DESIGNED: -	REVISED: -
PLOT SCALE: 48.0000' / 1" =	DRAWN: -	REVISED: -
PLOT DATE: 2/3/2015	CHECKED: -	REVISED: -
	DATE: -	REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

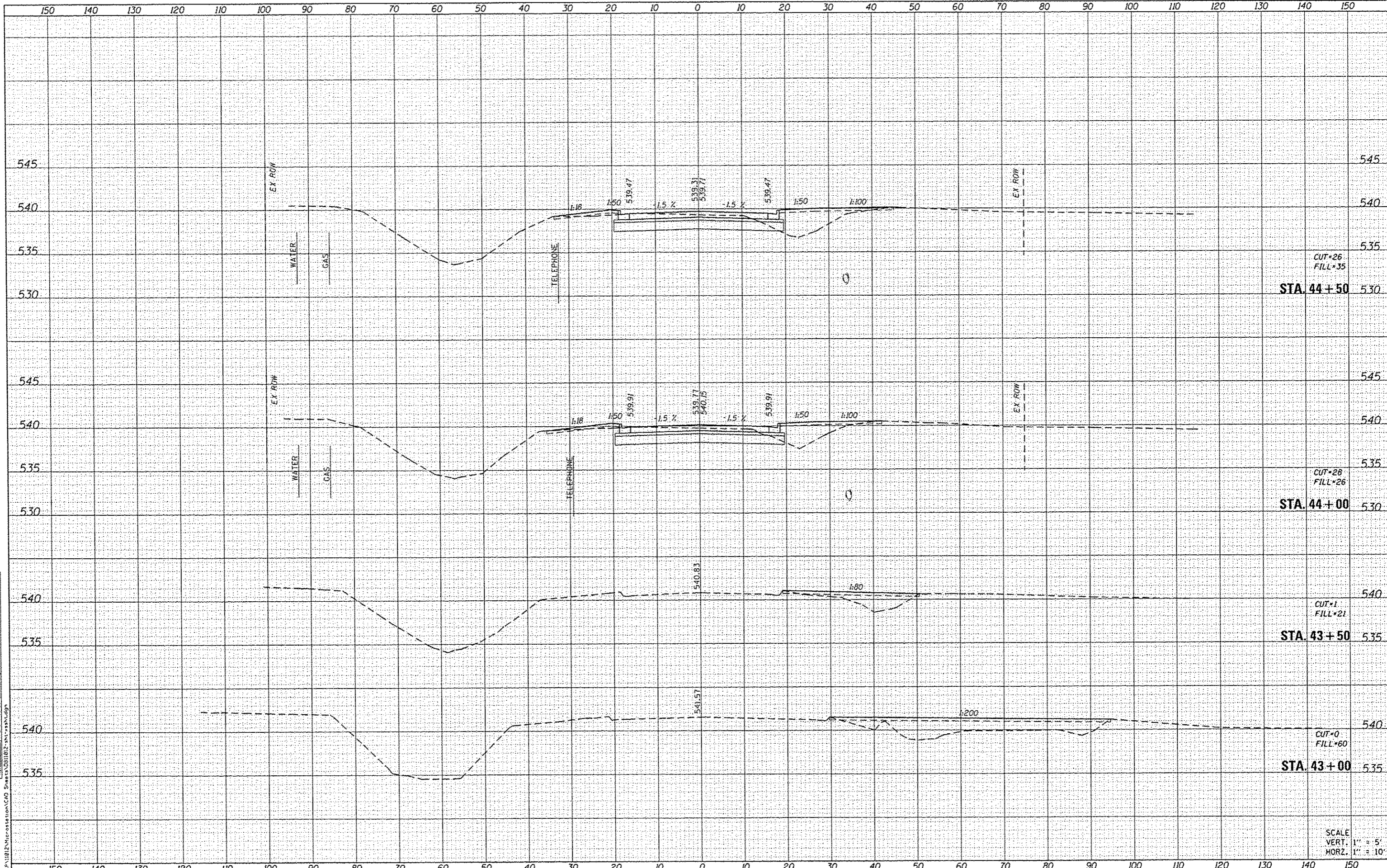
SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 8857	SECTION 11-00065-00-PV	COUNTY MADISON	TOTAL SHEETS 56	SHEET NO. 31
CONTRACT NO. 97585				
ILLINOIS FED. AID PROJECT				









DATE	
BY	
FINISHED	
DATE	
NO.	

DATE	
BY	
ORIGINAL	
DATE	
NO.	

DATES ASSOCIATES  
 Engineering + Architecture  
 ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME = andy.mueller	DESIGNED -	REVISED -
PLDT SCALE = 20.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 2/3/2015	CHECKED -	REVISED -
	DATE -	REVISED -

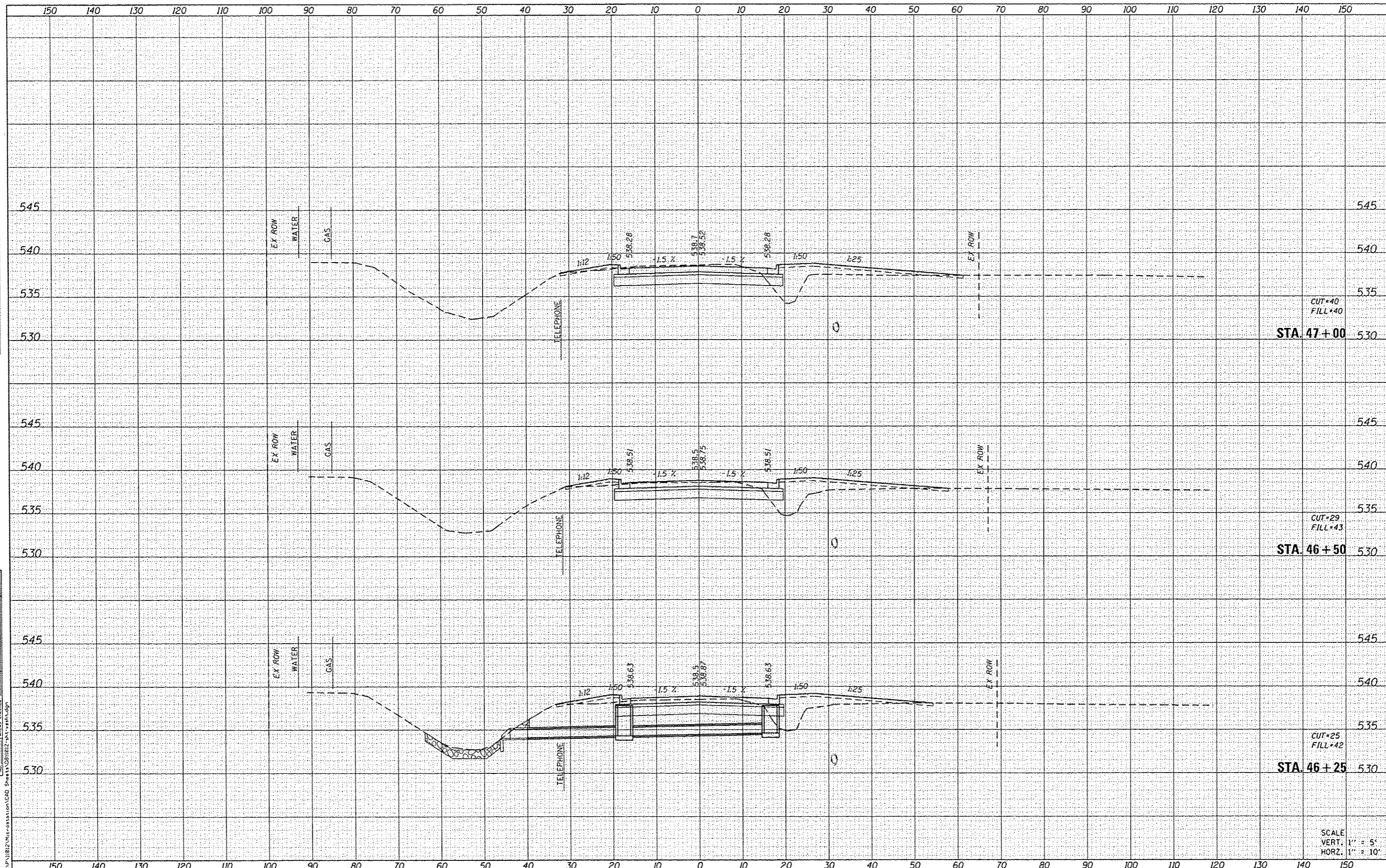
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 1	OF 23 SHEETS	STA. 43+00	TO STA. 44+50
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0857	11-00065-00-PV	MADISON	56	34
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	

SCALE  
 VERT. 1" = 5'  
 HORZ. 1" = 10'





DATE	
BY	
FINISHED	
PROPOSED	
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TEMPLATE	
AREAS	
CHECKED	
NO.	
FINAL SURVEY	
NOTE BOOK	

DATE	
BY	
ORIGINAL	
SUBMITTED	
PLOTTED	
SCALE	
AREAS	
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NO.	

FILE NAME: H:\P\11012\11012\11012.dwg

**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME	andy.muller
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	2/3/2015

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

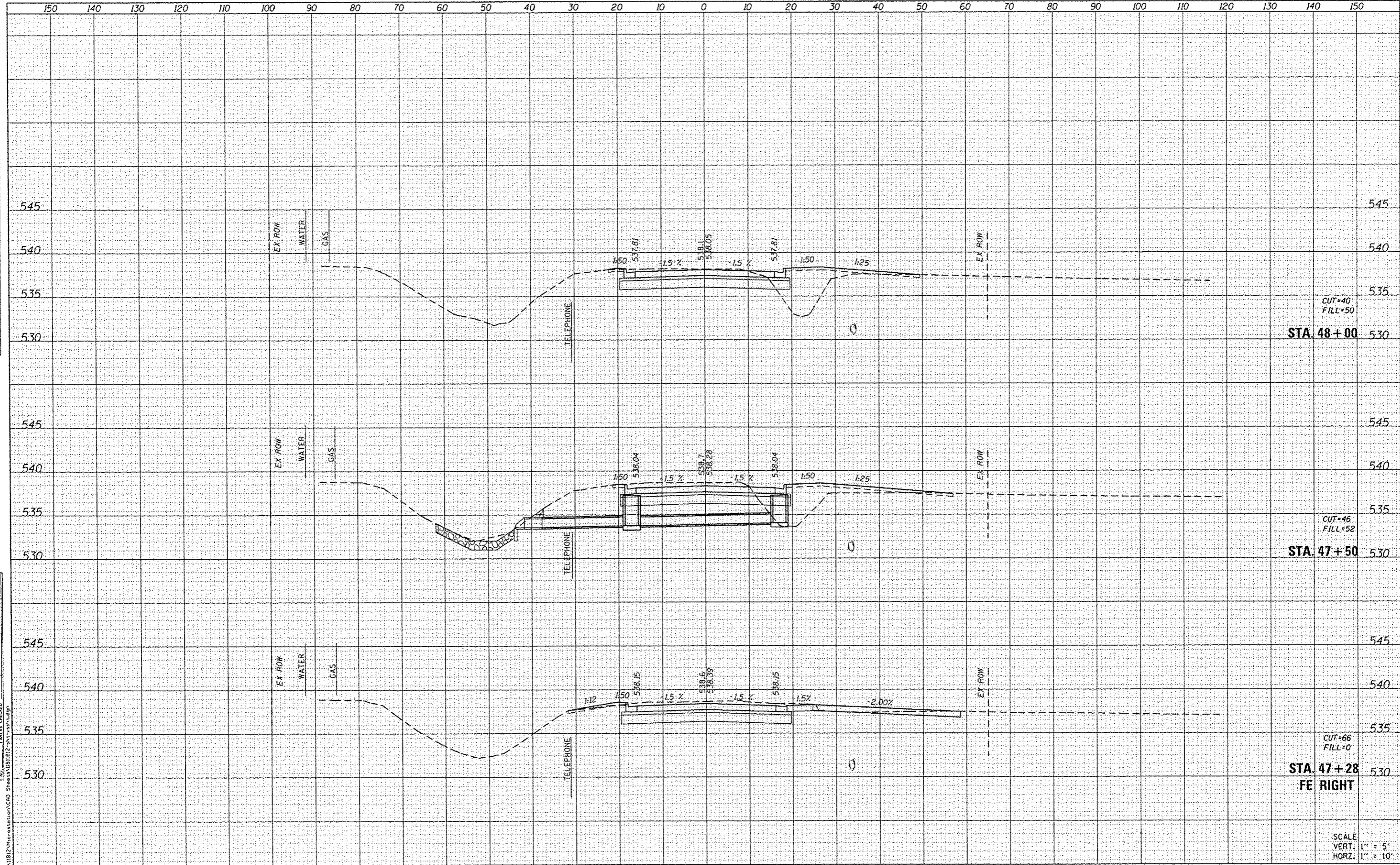
**CROSS SECTIONS**  
SCALE: SHEET 3 OF 23 SHEETS STA. 46+25 TO STA. 47+00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	36
			CONTRACT NO.	97585
ILLINOIS FED. AID PROJECT				

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'

DATE	
BY	
FINAL SURVEY	
STARTED	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
STARTED	
NOTE BOOK	
NO.	



CUT=40  
FILL=50

STA. 48+00

CUT=46  
FILL=52

STA. 47+50

CUT=66  
FILL=0

STA. 47+28

FE RIGHT

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'



USER NAME = andy.mueller  
DESIGNED -  
DRAWN -  
CHECKED -  
PLOT SCALE = 20,0000' / in.  
PLOT DATE = 2/3/2015

DESIGNED -  
DRAWN -  
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DATE -

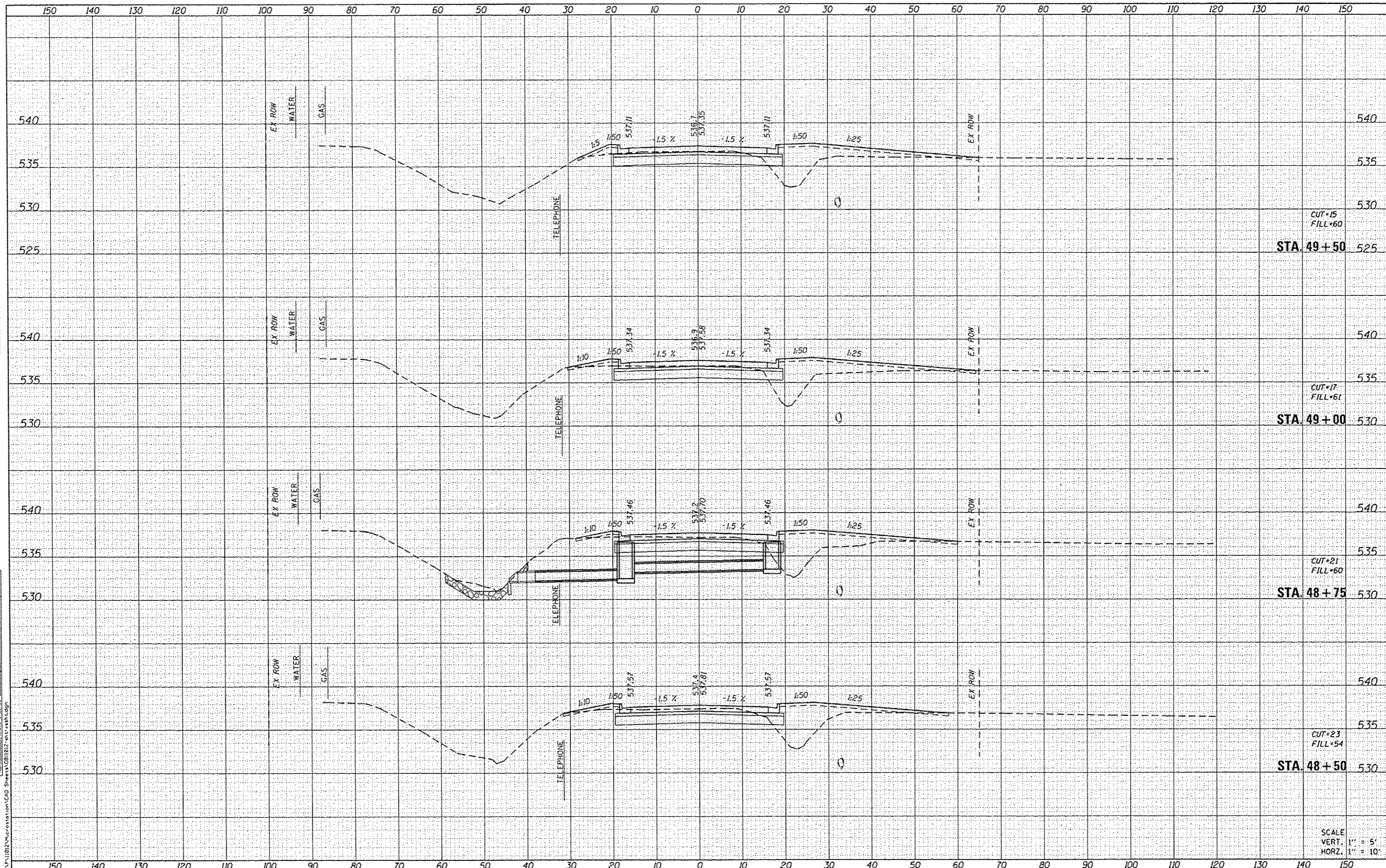
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: SHEET 4 OF 23 SHEETS STA. 47+28 TO STA. 48+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	37
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	



DATE	
BY	
FINAL SURVEY	
NOTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

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Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME: andy.mueller	DESIGNED -	REVISED -
PLOT SCALE: 20,0000' / 1"	DRAWN -	REVISED -
PLOT DATE: 2/3/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
SCALE: SHEET 5 OF 23 SHEETS STA. 48+50 TO STA. 49+50

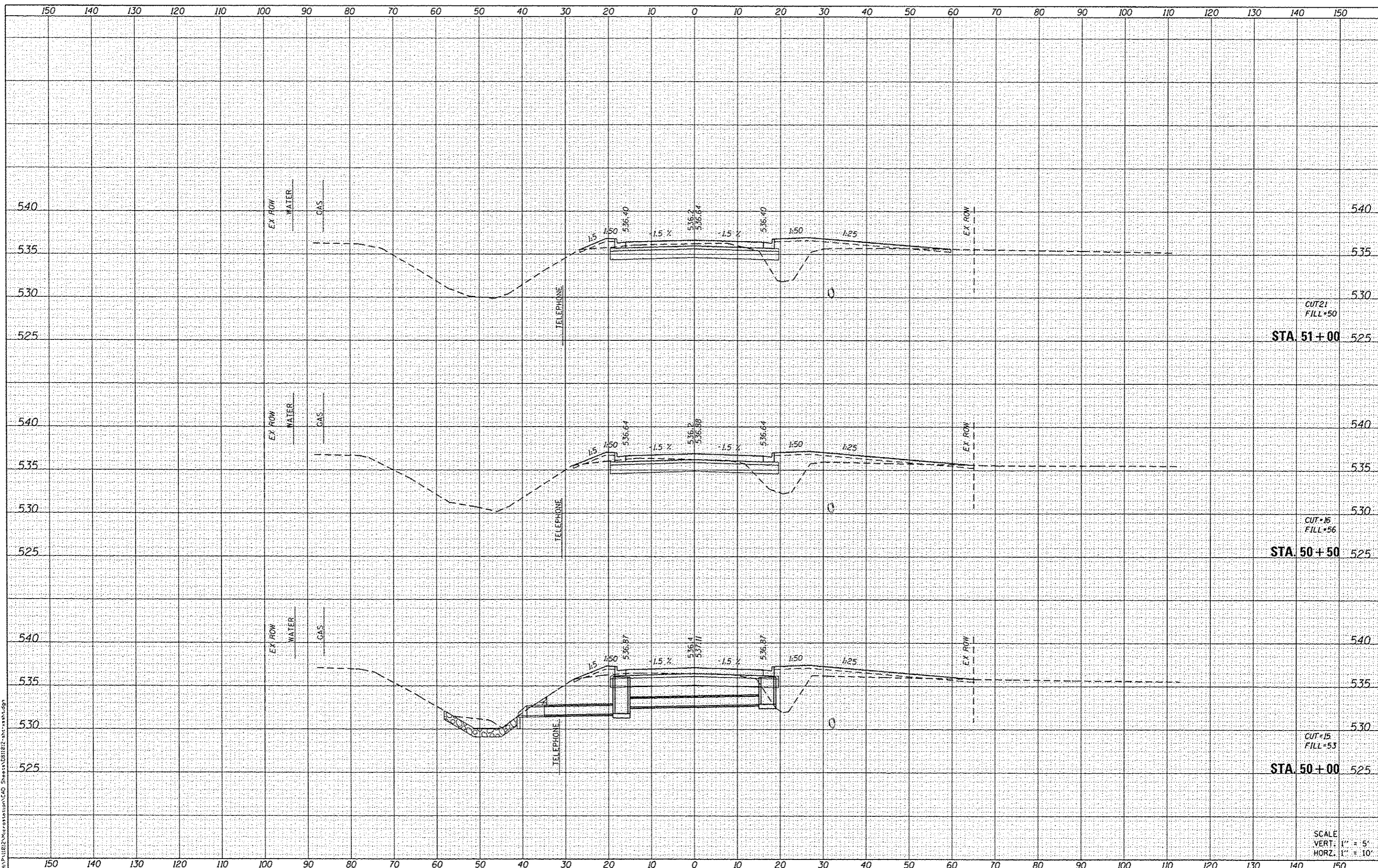
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885T	11-00065-00-PV	MADISON	56	38
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

DATE	
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REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

FILE NAME: H:\P\1102\1102\microstation\240 Sheets\11021212.dwg



CUT 21  
FILL 50  
STA. 51+00

CUT 16  
FILL 56  
STA. 50+50

CUT 15  
FILL 53  
STA. 50+00

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'



USER NAME	andy.mueller	DESIGNED	-	REVISED	-
PLOT SCALE	20.0000' / in.	DRAWN	-	REVISED	-
PLOT DATE	2/3/2015	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: SHEET 6 OF 23 SHEETS STA. 50+00 TO STA. 51+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	39
CONTRACT NO. 97585				

ILLINOIS FED. AID PROJECT

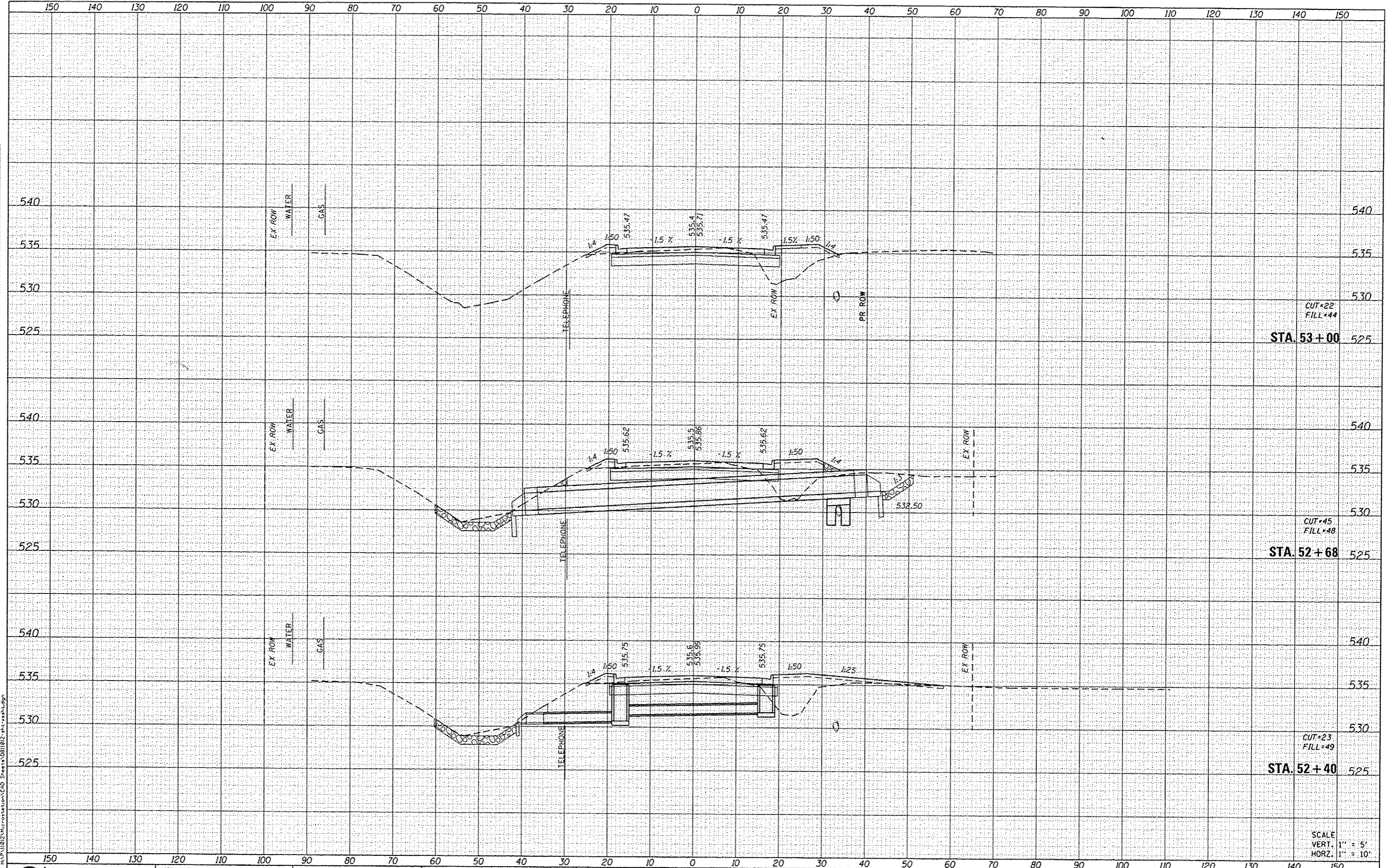




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TEMPLATE	
NOTE BOOK	
SURVEY	
FINAL	

DATE	
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AREAS CHECKED	
TEMPLATE	
NOTE BOOK	
SURVEY	
ORIGINAL	

FILE NAME: H:\P\1012\microstation\1012\1012.dwg  
 USER NAME: andy.mueller



SCALE  
 VERT. 1" = 5'  
 HORZ. 1" = 10'



USER NAME	andymueller	DESIGNED	-	REVISED	-
PLOT SCALE	1/20,000" = 1" in.	DRAWN	-	REVISED	-
PLOT DATE	2/3/2015	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

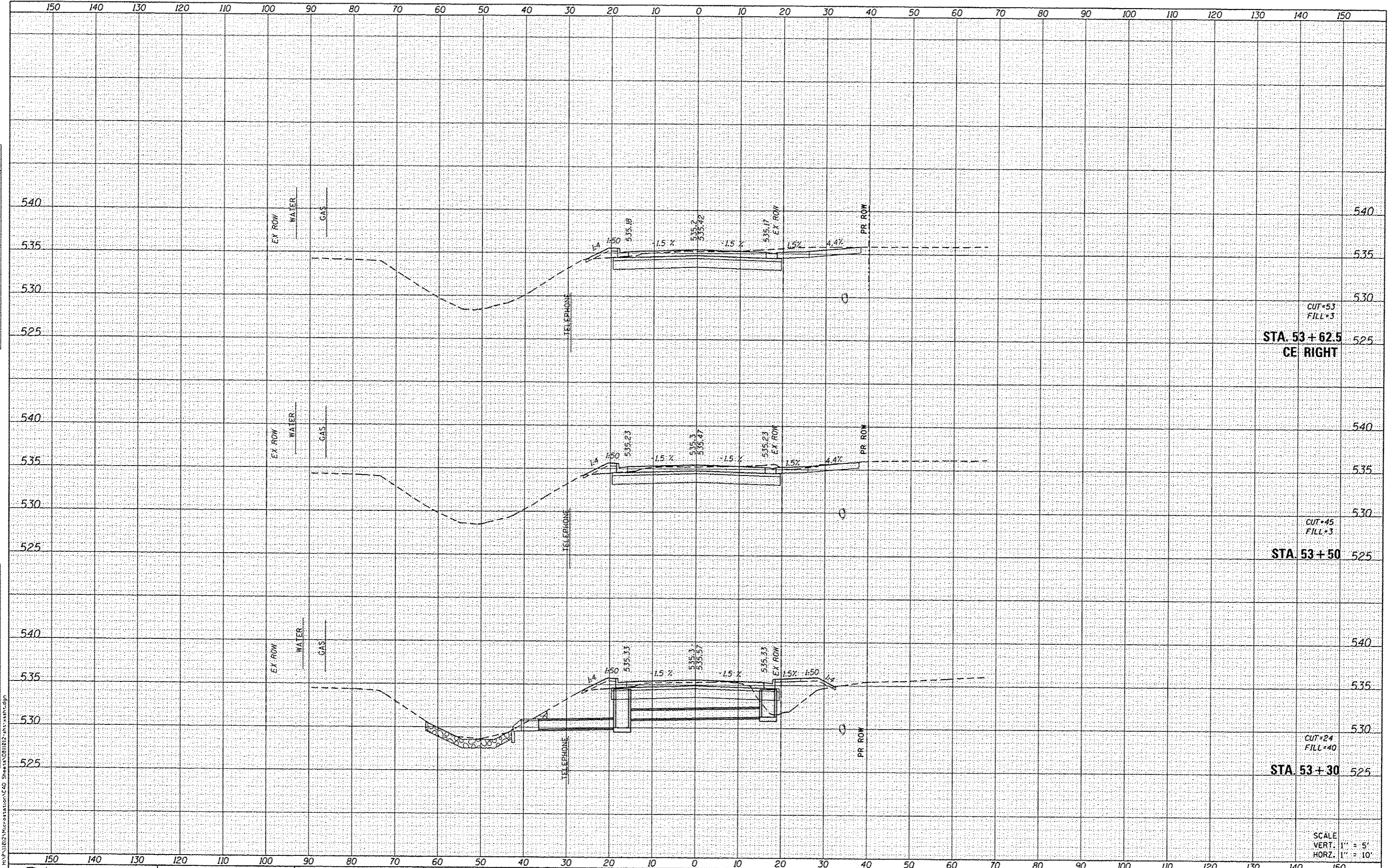
CROSS SECTIONS

SCALE: SHEET 8 OF 23 SHEETS STA. 52+40 TO STA. 53+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	41
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	
NOTED SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTED SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	



STA. 53+62.5  
CE RIGHT  
CUT=53  
FILL=3

STA. 53+50  
CUT=45  
FILL=3

STA. 53+30  
CUT=24  
FILL=40

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'



USER NAME	andy.mueller	DESIGNED	-	REVISED	-
PLOT SCALE	20.0000' / in.	DRAWN	-	REVISED	-
PLOT DATE	2/3/2019	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

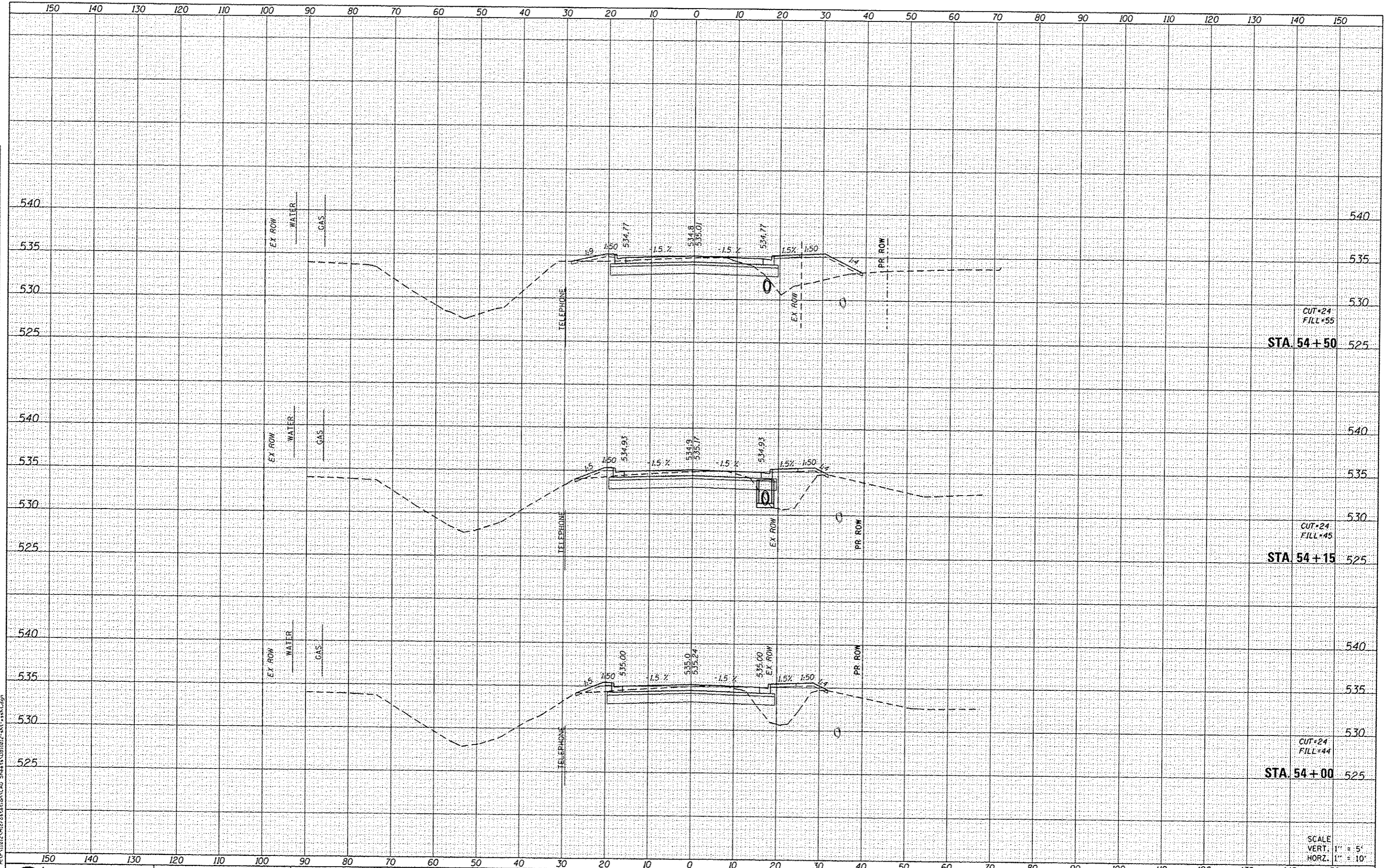
SCALE: SHEET 9 OF 23 SHEETS STA. 53+30 TO STA. 53+62.49

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	42
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
CONVERTED	BY
PROJ. NO.	
TEMPLATE	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

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**DATES ASSOCIATES**  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME = andy.mueller  
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

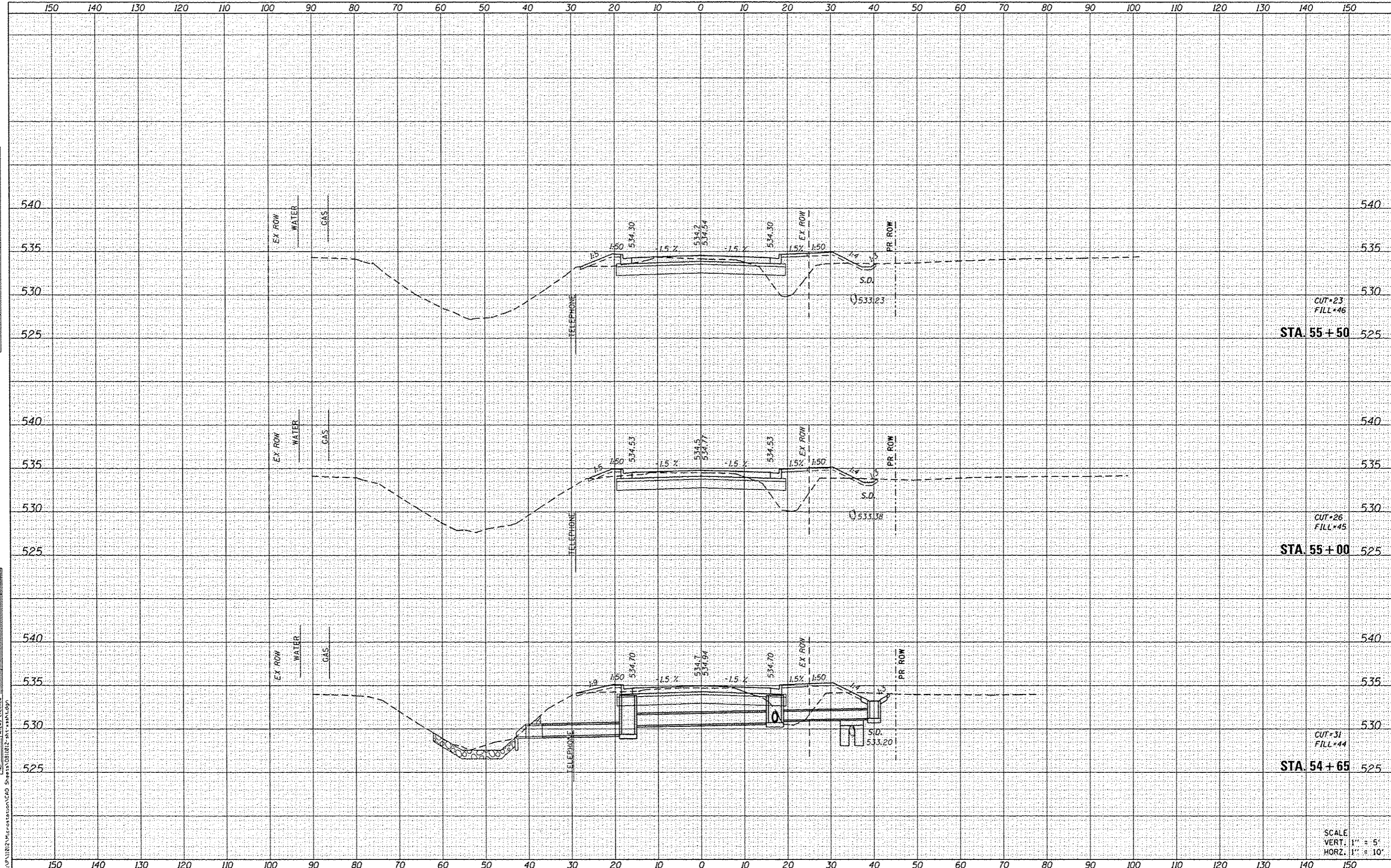
SCALE: SHEET 10 OF 23 SHEETS STA. 54+00 TO STA. 54+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	43
			CONTRACT NO. 97585	

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY	
REVISIONS	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
REVISIONS	
NOTE BOOK	
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**OATES ASSOCIATES**  
 Engineering & Architecture  
 ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME = andy.muller	DESIGNED -	REVISED -
FLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
FLOT DATE = 2/3/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

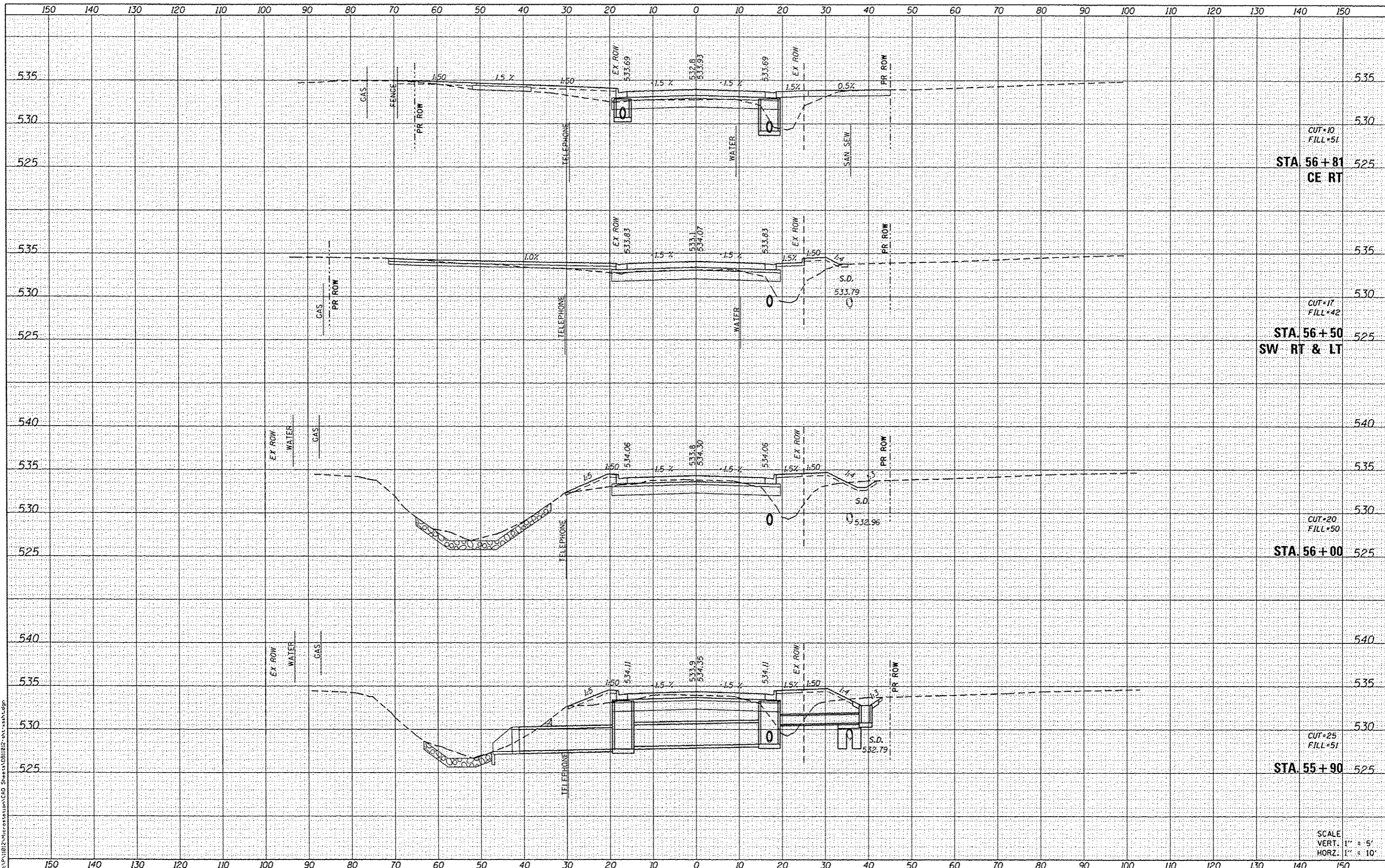
SCALE: SHEET 11 OF 23 SHEETS STA. 54+65 TO STA. 55+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	44
CONTRACT NO. 97585				
[ILLINOIS] FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
EXAMINED	
NOTED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
EXAMINED	
NOTED	
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**DATES ASSOCIATES**  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME	andy.muller	DESIGNED	-	REVISED	-
PLOT SCALE	20.0000' / in.	DRAWN	-	REVISED	-
PLOT DATE	2/3/2015	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: SHEET 12 OF 23 SHEETS STA. 55+90 TO STA. 56+80

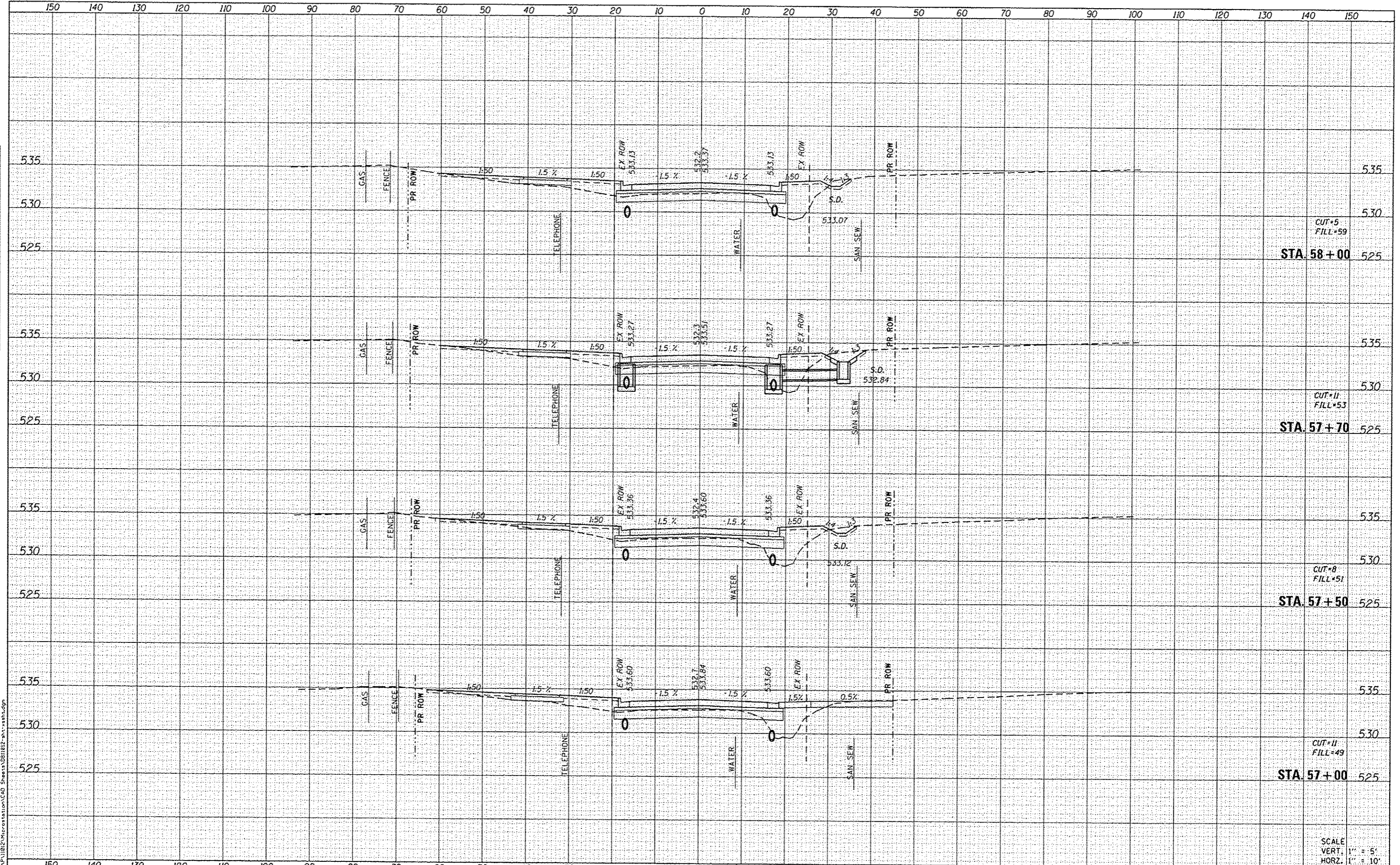
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8857	11-00065-00-PV	MADISON	56	45
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'

DATE	
BY	
SUPERVISOR	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	

DATE	
BY	
SUPERVISOR	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	

FILE NAME: \\P:\1012\Microstation\CAD Sheets\10121812-11-11-11.dgn



CUT=5  
FILL=59  
STA. 58+00

CUT=11  
FILL=53  
STA. 57+70

CUT=8  
FILL=51  
STA. 57+50

CUT=11  
FILL=49  
STA. 57+00

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'



USER NAME: andy.mueller  
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

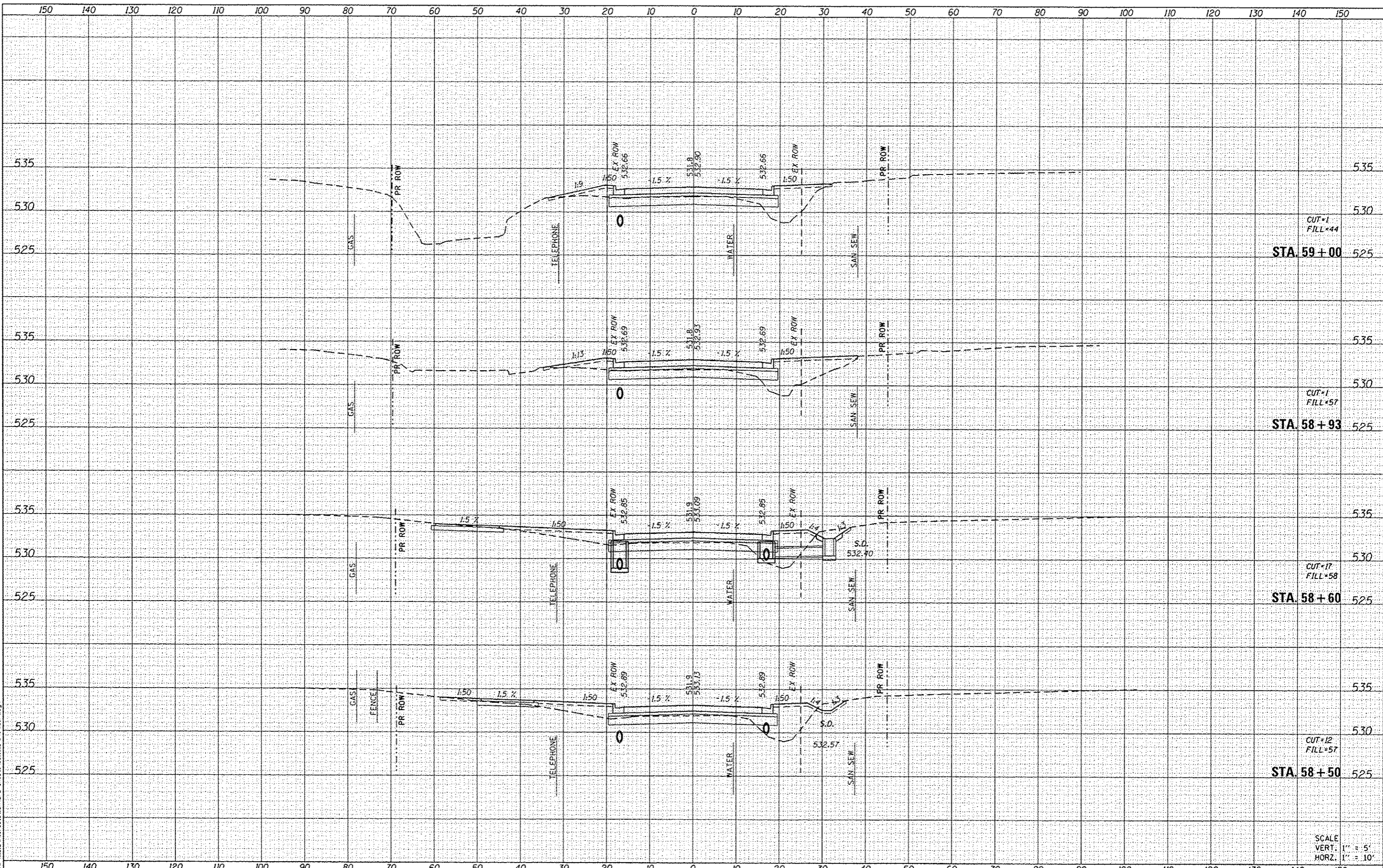
REVISOR -  
REVISION -  
REVISION -  
REVISION -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: SHEET 13 OF 23 SHEETS STA. 57+00 TO STA. 58+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	46
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	



CUT=1  
FILL=44

STA. 59+00

CUT=1  
FILL=57

STA. 58+93

CUT=17  
FILL=58

STA. 58+60

CUT=12  
FILL=57

STA. 58+50

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'

DATE	
BY	
NO.	
FINAL SURVEY	
COPIED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
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AREAS	
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FILE NAME: H:\P11812\Microstation\1400\_Sheet14(1812)12-int-1400.dgn



USER NAME	andymueller	DESIGNED -	REVISED -
PLOT SCALE	20,0000 / in.	DRAWN -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

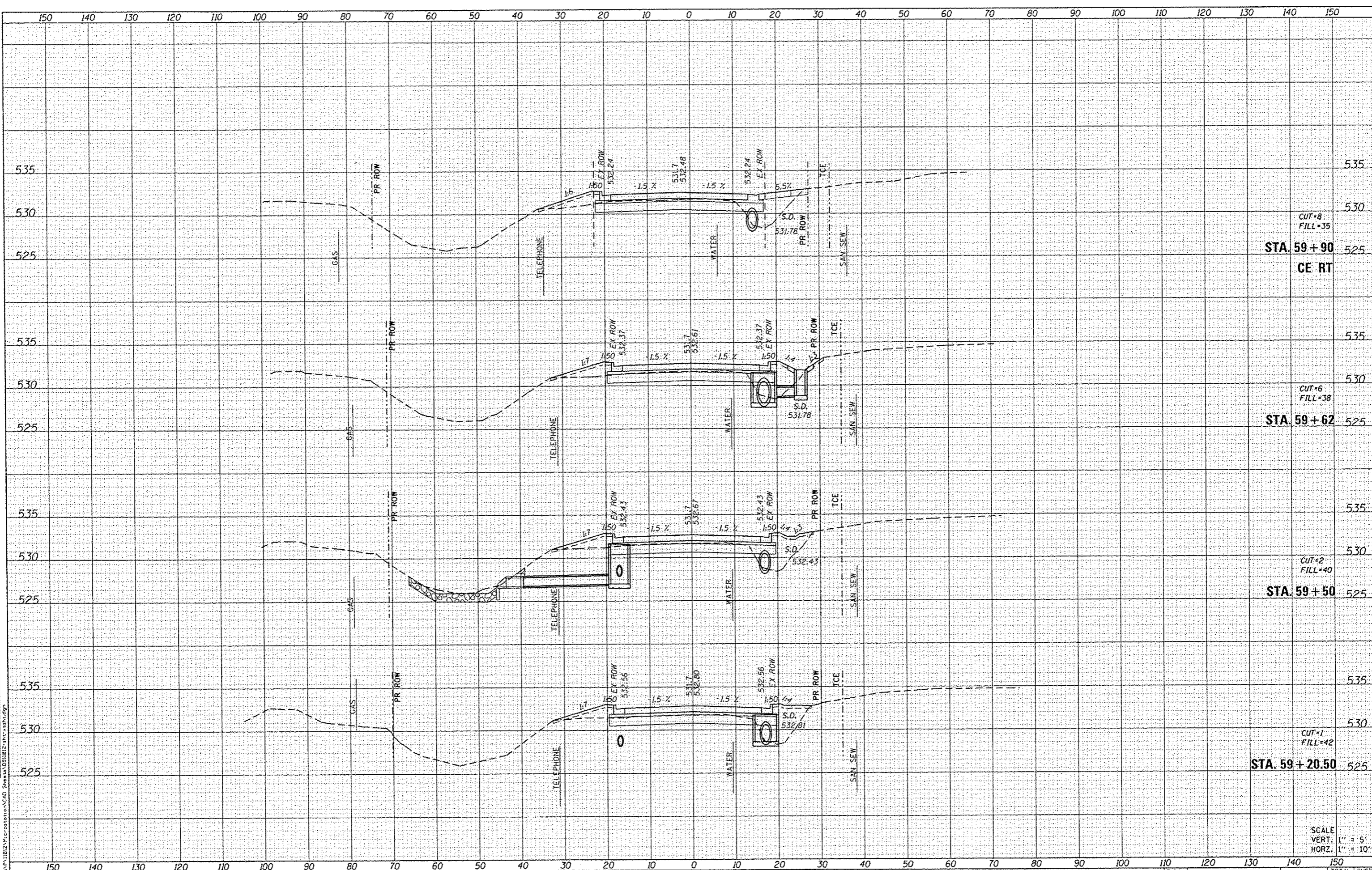
CROSS SECTIONS

SCALE: SHEET 14 OF 23 SHEETS STA. 58+50 TO STA. 59+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	47
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	

DATE	
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FINAL SURVEY	
NOTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BT	
ORIGINAL SURVEY	
NOTED	
NOTE BOOK	
AREAS CHECKED	



CUT=8  
FILL=35  
STA. 59+90  
CE RT

CUT=6  
FILL=38  
STA. 59+62

CUT=2  
FILL=40  
STA. 59+50

CUT=1  
FILL=42  
STA. 59+20.50

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'

FILE NAME: H:\P\11012\MicroStation\Cad Sheets\011012\11-0065-00-PV.dgn

**OATES ASSOCIATES**  
Engineering + Architecture

ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME: andymueller	DESIGNED -	REVISED -
PLOT SCALE: 20,0000' / in.	DRAWN -	REVISED -
PLOT DATE: 2/3/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: SHEET 15 OF 23 SHEETS STA. 59+20.50 TO STA. 60+20

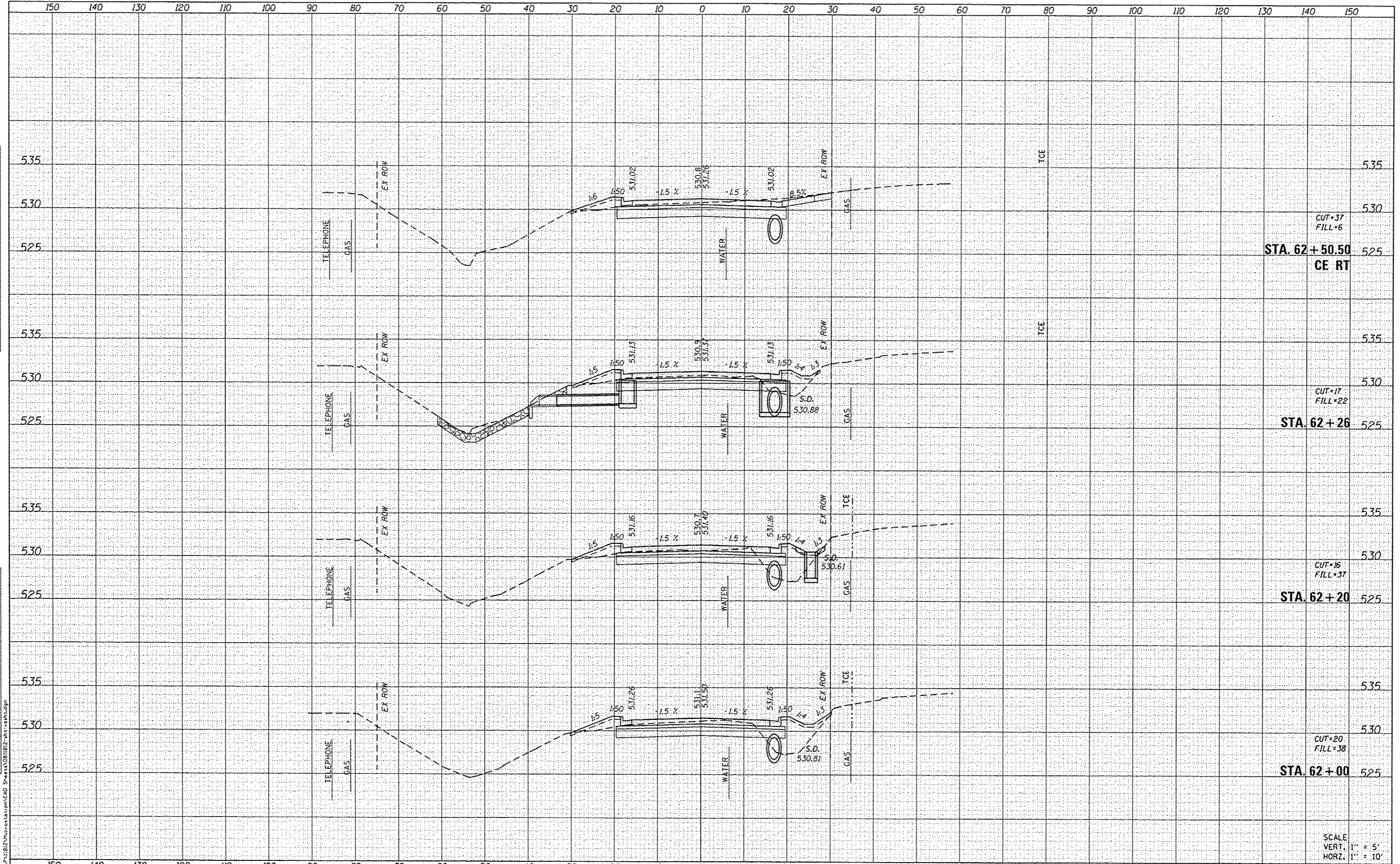
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-0065-00-PV	MADISON	56	48
			CONTRACT NO. 97585	
ILLINOIS FED. AID PROJECT				





DATE	
BY	
SURVEYED	
TEMPERATURE	
AREAS CHECKED	
NO.	
FINAL SURVEY	
NOTE BOOK	

DATE	
BY	
SURVEYED	
TEMPERATURE	
AREAS CHECKED	
NO.	
ORIGINAL SURVEY	
NOTE BOOK	



STA. 62+50.50  
CE RT

STA. 62+26

STA. 62+20

STA. 62+00

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'

**DATES ASSOCIATES**  
Engineering • Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184-001115

USER NAME : andymueller	DESIGNED -	REVISED -
PLOT SCALE : 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE : 2/2/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

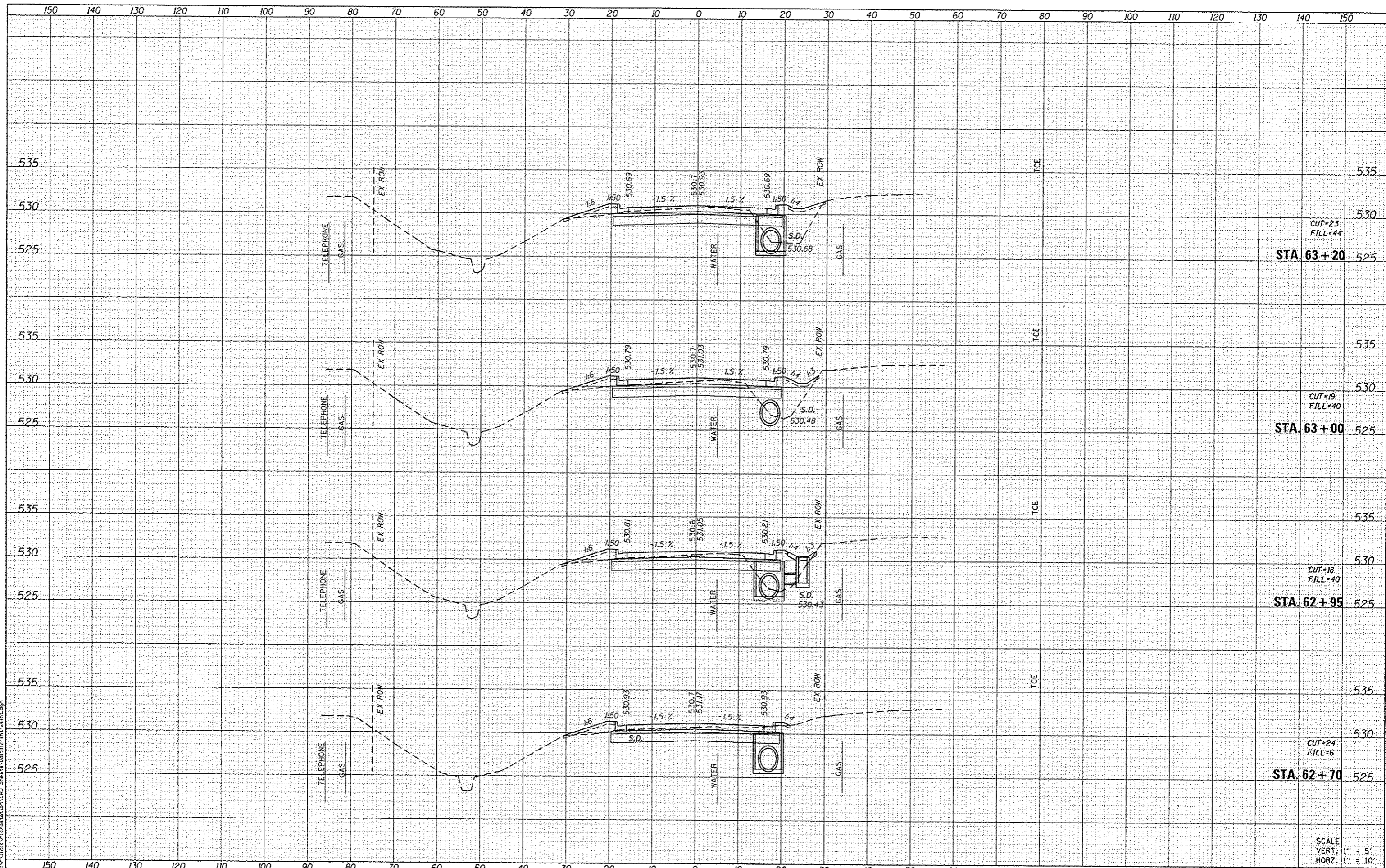
<b>CROSS SECTIONS</b>	
SCALE:	SHEET 17 OF 23 SHEETS STA. 62+00 TO STA. 62+50.50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8851	11-00065-00-PV	MADISON	56	50
CONTRACT NO. 97585				
[ILLINOIS] FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
REVISED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
REVISED	

FILE NAME: H:\P1812\microworld\Lead Sheets\081812-211\081812.dwg



**DATES ASSOCIATES**  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME: andymueller	DESIGNED -	REVISED -
PLOT SCALE: 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE: 2/3/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

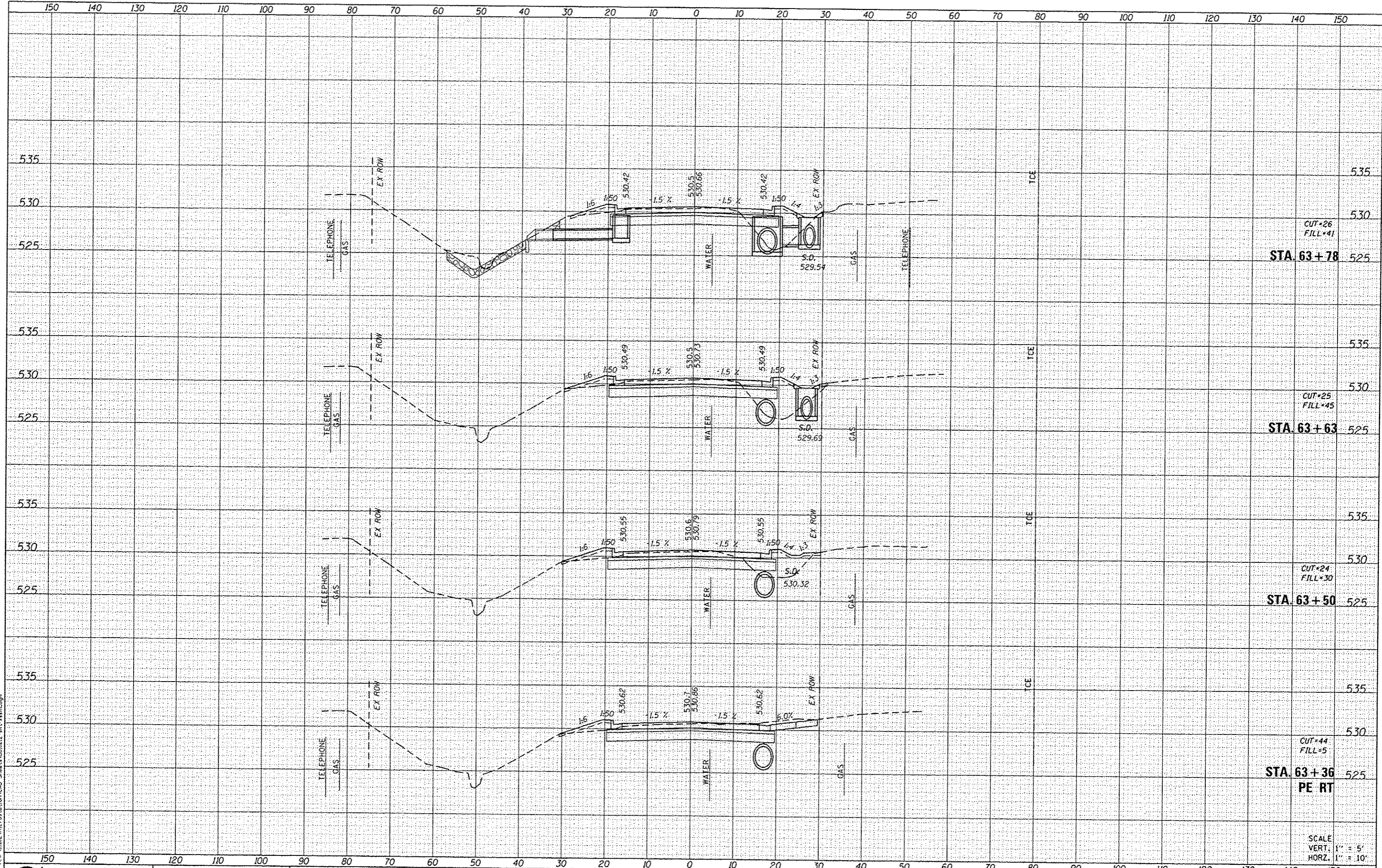
SCALE:	SHEET 18 OF 23 SHEETS	STA. 62+70 TO STA. 63+20
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F.A.U. R.I.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8851	11-00065-00-PV	MADISON	56	51
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



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**DATES ASSOCIATES**  
 Engineering + Architecture  
 ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

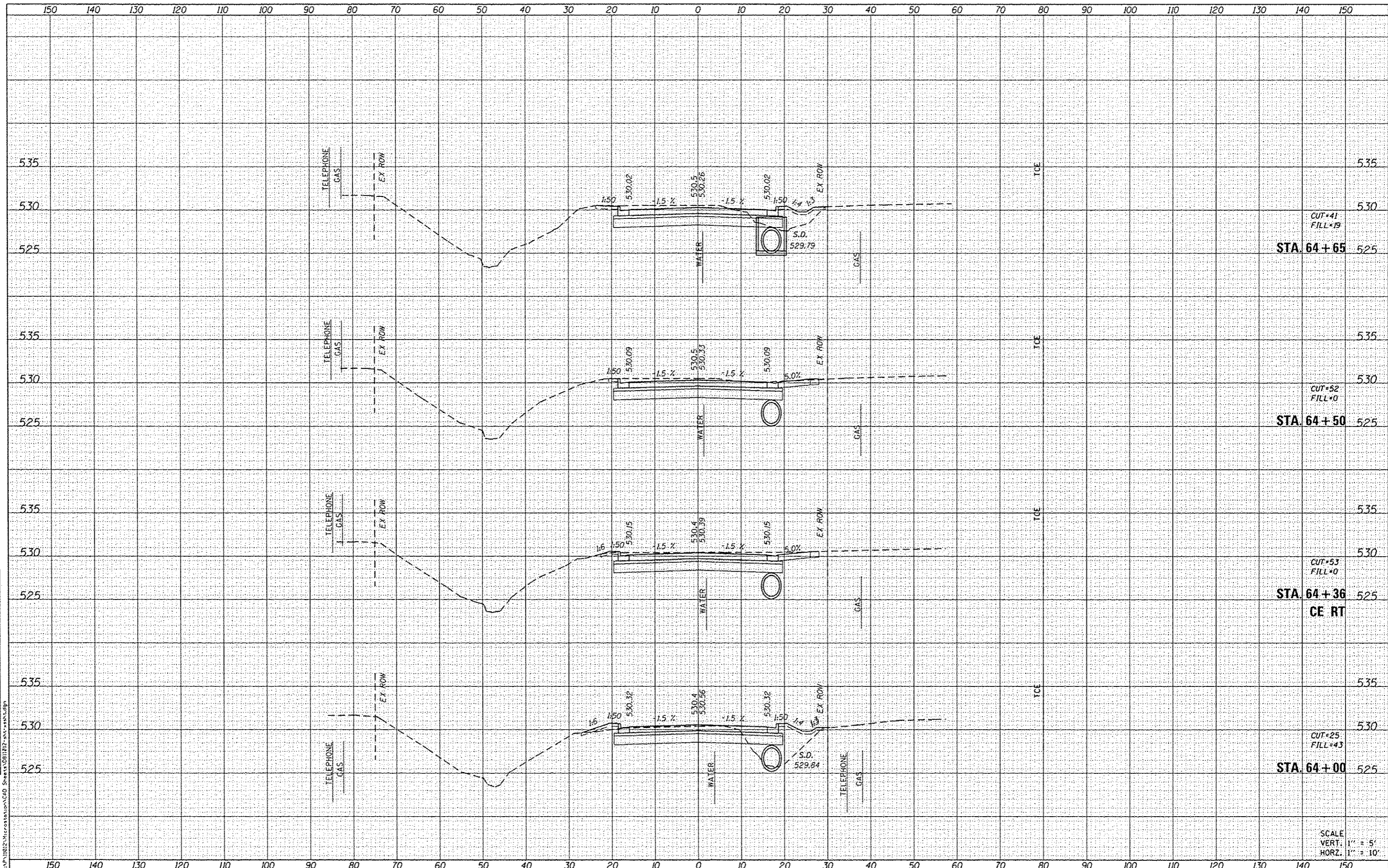
USER NAME	andy.muller
DESIGNED	-
REVIS	-
DRAWN	-
REVIS	-
CHECKED	-
REVIS	-
DATE	-
REVIS	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
 SCALE: SHEET 19 OF 23 SHEETS STA. 63+36 TO STA. 63+78

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	52
			CONTRACT NO. 97585	
ILLINOIS FED. AID PROJECT				

SCALE  
 VERT. 1" = 5'  
 HORZ. 1" = 10'



DATE	
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FINISHED	
REVISIONS	
NO.	
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**OATES ASSOCIATES**  
 Engineering & Architecture  
 ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME	andymueller	DESIGNED	-	REVISED	-
PLOT SCALE	20,0000' / 1" =	DRAWN	-	REVISED	-
PLOT DATE	2/3/2015	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

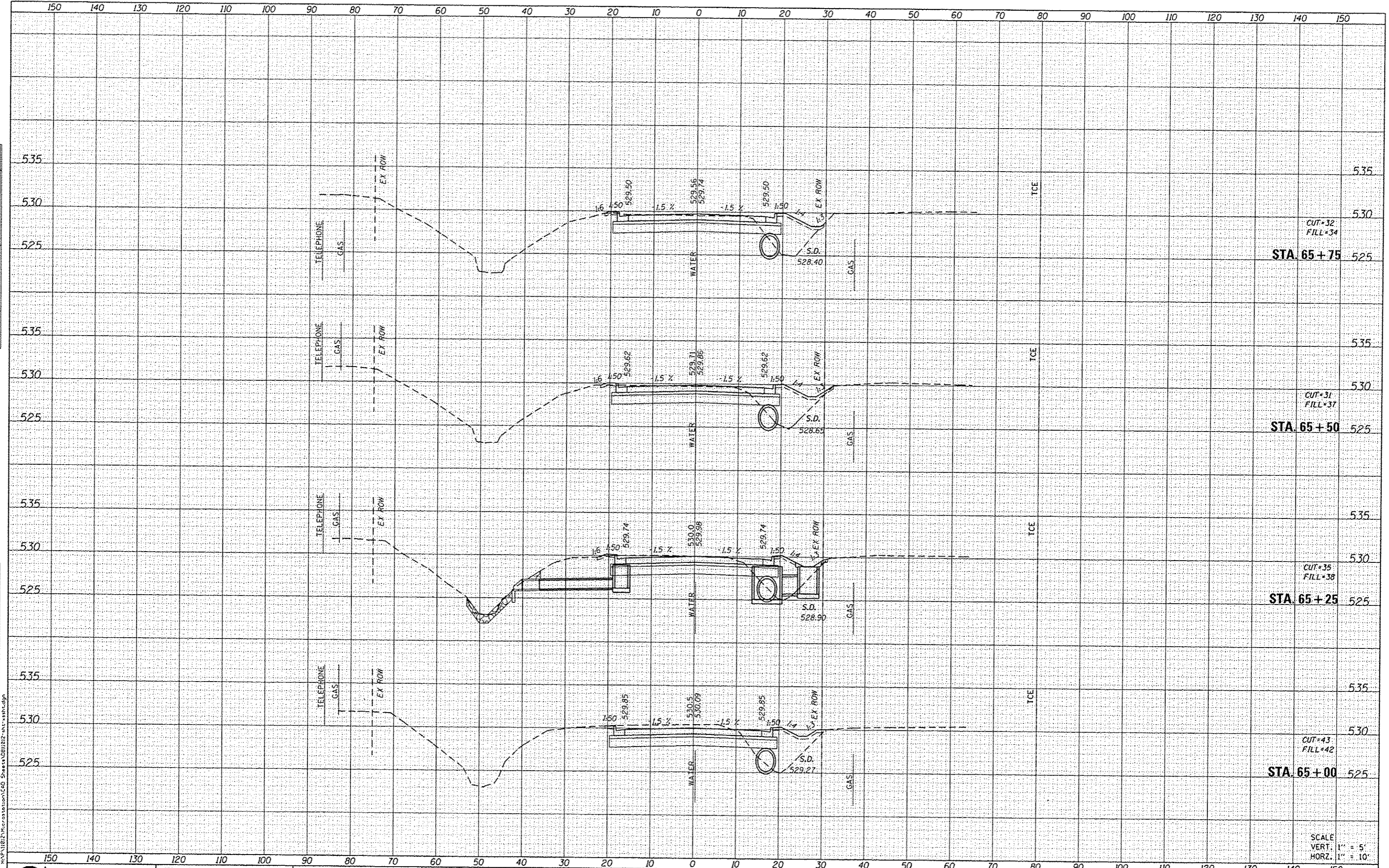
SCALE: SHEET 20 OF 23 SHEETS STA. 64+00 TO STA. 64+65

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	53
CONTRACT NO. 97585				
ILLINOIS FED. AID PROJECT				

SCALE  
 VERT. 1" = 5'  
 HORZ. 1" = 10'

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPERATURE	
AREAS	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
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AREAS CHECKED	
NO.	



DATE: 2/2/2015  
 USER NAME: andymueller  
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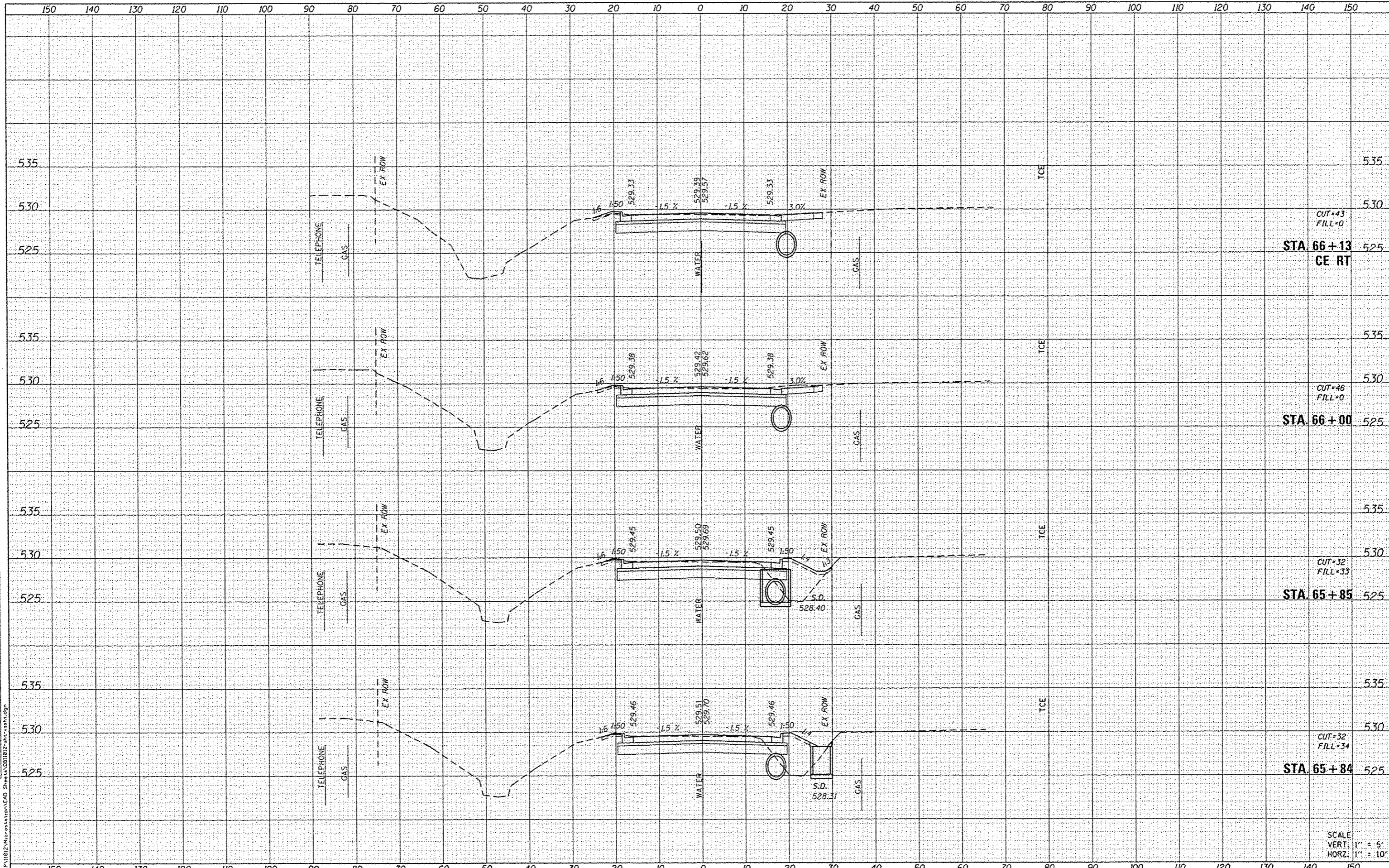
USER NAME	andymueller
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISIONS	-
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 SCALE: SHEET 21 OF 23 SHEETS STA. 65+00 TO STA. 65+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	54
CONTRACT NO. 97585			ILLINOIS FED. AID PROJECT	

SCALE  
 VERT. 1" = 5'  
 HORZ. 1" = 10'



DATE	
BY	
FINAL SURVEY	
SKIPPED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SKIPPED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	

FILE NAME: H:\P11012\11-00065-00\Station\LEAD Sheets\011217-11-11-11.dgn

**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME	andymueller
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	2/3/2013

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: SHEET 22 OF 23 SHEETS STA. 65+84 TO STA. 66+13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8857	11-00065-00-PV	MADISON	56	55
			CONTRACT NO. 97585	
ILLINOIS FED. AID PROJECT				

SCALE  
VERT. 1" = 5'  
HORZ. 1" = 10'

