

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

**STP – HSIP FUNDS
CH 11 (DILLINGER ROAD)
SECTION 16-00175-00-SP
PROJECT BK4W(113)
CH 11 (DILLINGER ROAD) RECONSTRUCTION
JACKSON COUNTY**

C-99-506-17

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	1
		(ILLINOIS)	CONTRACT NO. 99608	

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DESIGN INFORMATION

FUNCTIONAL CLASSIFICATION = MAJOR COLLECTOR (RURAL)
EXISTING ADT = 1100 (2012)
DESIGN ADT = 1636 (2039)
DESIGN SPEED = 40 MPH
FOR 3R; ROLLING; 1000 < DESIGN ADT < 3000

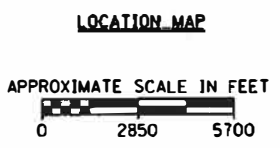
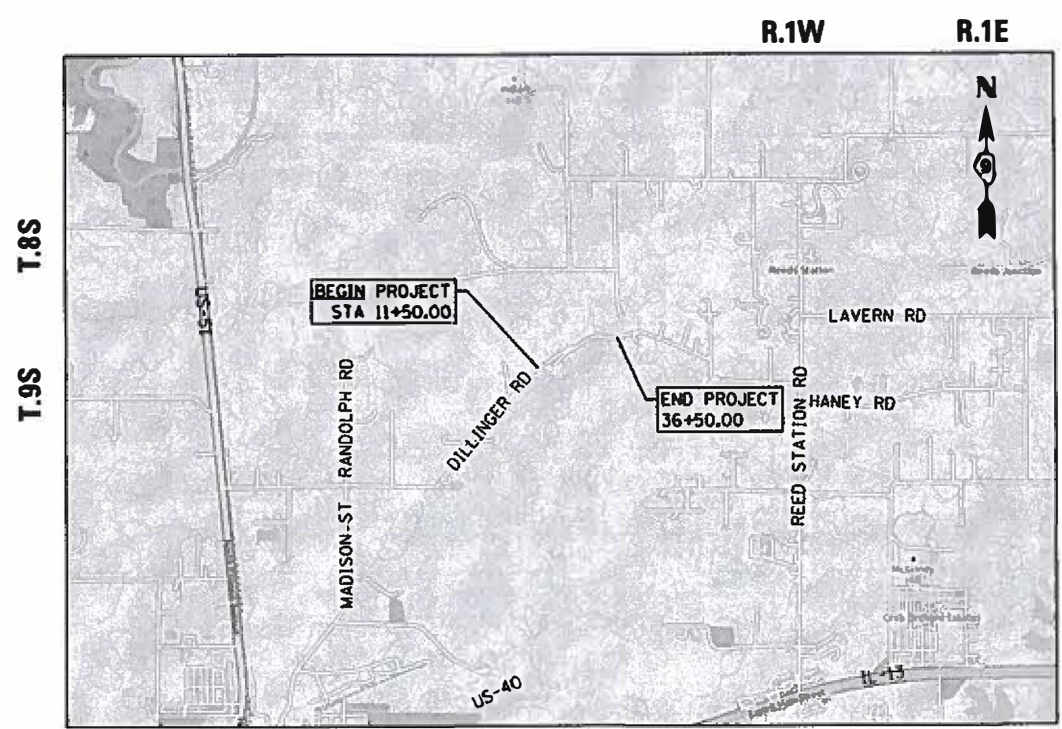


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PREPARED BY:
HMG
Engineers • Surveyors
HMG ENGINEERS, INC.
IL PROF. DESIGN FIRM NO. 184.000899
EXPIRES 04/30/2019

CN 99608



GROSS LENGTH = 2500.00 FT = 0.473 MILE
NET LENGTH = 2500.00 FT = 0.473 MILE



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12/11 2018

[Signature]
COUNTY ENGINEER - JACKSON COUNTY

DECEMBER 18, 2018
[Signature]
DISTRICT 9 ENGINEER OF LOCAL ROADS & STREETS

DECEMBER 18, 2018
[Signature]
REGIONAL ENGINEER

[Signature] 12/11/18
KENT J. SCHWIERJOHN, P.E.
IL PROF. ENGINEER NO. 062.066103
EXPIRES 11/30/2019

LIST OF IDOT HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-03	METAL FLARED END SECTION FOR PIPE CULVERTS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS • 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 22-7	TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LANE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)
BLR 24-2	MAILBOX TURNOUT FOR LOCAL ROADS

COMMITMENTS

THE COUNTY HAS MADE THE FOLLOWING COMMITMENTS FOR THE PROJECT. COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE. THE FOLLOWING IS A GENERAL SUMMARY AND DOES NOT CONTAIN FULL DETAILS. THE CONTRACTOR SHALL ADHERE TO THESE CONDITIONS.

1. THE PROPERTY OWNER OF PARCEL 15-02-100-013 (JOHNSON) REQUESTED THAT ANY TREES REMOVED ON THEIR PROPERTY DUE TO CONSTRUCTION OF THE PROPOSED IMPROVEMENTS BE PLACED AT AN AGREED UPON LOCATION OFF OF RIGHT-OF-WAY AND OUTSIDE ACTUAL CONSTRUCTION LIMITS.
2. THE PROPERTY OWNER OF PARCEL 15-02-100-013 (JOHNSON) REQUESTED THAT IVY HOLLOW ROAD BE RE-CONNECTED TO THE PROPOSED ALIGNMENT. THIS WILL BE ACCOMPLISHED BY THE ENTRANCE LOCATED AT STATION 22+00.00 RT.

PERMITS

THE FOLLOWING IS A GENERAL SUMMARY AND DOES NOT CONTAIN FULL DETAILS.

1. IEPA NPDES STORM WATER PERMIT: THE PROJECT HAS A NPDES STORM WATER PERMIT. MONITORING AND CERTIFICATION STATEMENTS WILL BE REQUIRED.
2. IEPA BURN PERMIT: THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FOR SAID PERMIT PENDING THEIR ELECTED METHOD OF BRUSH / TREE DISPOSAL.
3. ENVIRONMENTAL CLEARANCES: BIOLOGICAL, WETLAND AND CULTURAL CLEARANCES HAVE BEEN OBTAINED.
4. SPECIAL WASTE: AN AREA FROM STATION 11+00.00 TO 19+00.00 OFFSET 0' TO 75' RIGHT HAS BEEN IDENTIFIED AS HAVING ELEVATED LEVELS OF ARSENIC. SEE SPECIAL PROVISIONS FOR HANDLING AND DISPOSAL REQUIREMENTS.

KNOWN UTILITY COMPANIES

FRONTIER COMMUNICATIONS
CHRISTIAN MARTIN
(618) 571-1252

LAKESIDE WATER DISTRICT
CLARIDA & ZIEGLER ENGINEERING
JOE BOYKE
(618) 993-6411

EGYPTIAN ELECTRIC COOP
ERIC TURNER
(618) 317-4098

GENERAL NOTES

1. ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. THE CONTRACTOR SHALL EXERCISE CARE IN PERFORMING REMOVALS SO AS NOT TO DISRUPT ADJOINING FEATURES THAT ARE TO REMAIN IN PLACE. ANY DAMAGE CAUSED TO ADJOINING FEATURES AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
3. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUB-CRATED WORK, REGARDLESS OF FUNDING SOURCE. THE SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS SHALL GOVERN CONTRACTUAL REQUIREMENTS FOR SAID ARRANGEMENTS.
4. THE CONTRACTOR SHALL EXERCISE CARE IN EXCAVATING AROUND EXISTING UTILITIES TO REMAIN IN PLACE, AND SHALL BE RESPONSIBLE FOR REPAIR OF THESE AND MAINTENANCE OF SERVICE, IF DAMAGED BY THE CONTRACTOR'S ACTIVITIES, AS DEEMED SUCH BY THE ENGINEER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING POSITIVE DRAINAGE IN THE DISTURBED AREAS, TO THE SATISFACTION OF THE ENGINEER.
6. ALL AREAS THAT ARE DISTURBED BEYOND THAT NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS SHALL BE GRADED AND VEGETATION RE-ESTABLISHED BY THE CONTRACTOR AT HIS/HER EXPENSE TO THE SATISFACTION OF THE ENGINEER.
7. ALL ADVANCED WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE.
8. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

APPLICATION RATES

FOR MATERIALS:	
AGGREGATE MATERIALS	2.05 TONS/CU YD
HOT-MIX ASPHALT	112 LBS/SQ YD/IN OR 2.016 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	1 APPLICATION ON AGG BASE
BITUMINOUS MATERIALS (TACK COAT)	1 APPLICATION ON HMA BINDER AND MILLED AREA
TEMPORARY EROSION CONTROL SEEDING	2 APPLICATIONS OVER SEEDING AREA
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	2'-6" OUTSIDE THE PROPOSED EDGE OF PAVEMENT
TEMPORARY DITCH CHECK	14 FEET PER DITCH CHECK

MIXTURE COMPOSITION TABLE

MIXTURE USE:	SURFACE	BINDER	SHOULDERS (TOP 2")	SHOULDERS (BOT 4")
APPLICATION:	HMA SC "C" N70	HMA BC IL-19.0 N70	HMA SC "C" N70	HMA BC IL-19.0 N70
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP% (MAX):	SEE SPECIF.	SEE SPECIF.	SEE SPECIF.	SEE SPECIF.
DESIGN AIR VOIDS:	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
MIXTURE COMPOSITION:	IL 9.5	IL 19.0	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIXTURE "C"		MIXTURE "C"	
MIXTURE WEIGHT:	112 LBS./SQ. YD./IN.	112 LBS./SQ. YD./IN.	112 LBS./SQ. YD./IN.	112 LBS./SQ. YD./IN.

SUMMARY OF QUANTITIES

SPEC. PROV. SPECIALTY ITEM	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	236
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	170
*	20100500	TREE REMOVAL, ACRES	ACRE	1.0
*	20200100	EARTH EXCAVATION	CU YD	6630
*	20800150	TRENCH BACKFILL	CU YD	95
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7320
*	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1835
	25000210	SEEDING, CLASS 2A	ACRE	2.4
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	216
	25000500	PHOSPHORUS FERTILIZER NUTRIENT.	POUND	216
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	216
	25100115	MULCH, METHOD 2	ACRE	2.0
	25100630	EROSION CONTROL BLANKET	SQ YD	2137
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	480
	28000305	TEMPORARY DITCH CHECKS	FOOT	518
	28000400	PERIMETER EROSION BARRIER	FOOT	2318
	28000500	INLET AND PIPE PROTECTION	EACH	10
	28100105	STONE RIPRAP, CLASS A3	SQ YD	125
	28200200	FILTER FABRIC	SQ YD	125
	35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	6844
	40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	256

FILE NAME = H:\7492_JacksonCounty_DillingersRd\CADD_Sheets\7492_SHT_500.dgn
HMG HMG ENGINEERS, INC.
 9390 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 926-9611

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	3
CONTRACT NO. 99608			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPEC. PROV.	SPECIALTY ITEM	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	87
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	15399
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1413
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1357
		40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	699
		44000100	PAVEMENT REMOVAL	SO YD	74
		44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	223
		44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	71
		48100500	AGGREGATE SHOULDERS, TYPE A 6"	SO YD	634
		48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	2554
		50105220	PIPE CULVERT REMOVAL	FOOT	289
*		542C0220	PIPE CULVERTS, CLASS C, TYPE 1 15"	FOOT	55
*		542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	122
*		542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	124
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4
*		54262718	METAL FLARED END SECTIONS 18"	EACH	4
*		54262721	METAL FLARED END SECTIONS 21"	EACH	8
*	*	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	1275.0
*	*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
*	*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	460
*	*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1

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HMG HMG ENGINEERS, INC.
 8990 HOLY CROSS LANE
 BREEZE, ILLINOIS 62230
 Engineers • Surveyors (618) 528-9811

USER NAME = KSchwieger-John
 PLOT SCALE = 10.0000' / 1" = 10
 PLOT DATE = 12/14/2018

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DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	4
CONTRACT NO. 99608			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPEC. PROV. SPECIALTY ITEM	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
	67100100	MOBILIZATION	L SUM	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	600
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	200
* *	72000100	SIGN PANEL - TYPE 1	SO FT	75
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	137
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	32
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	24
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7667
*	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1
*	X6024240	INLETS, SPECIAL	EACH	1
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
*	Z0054408	ROCK FILL - SUBGRADE	CU YD	643

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HMG ENGINEERS, INC.
8300 HOLY CROSS LANE
BRIESE, ILLINOIS 62230
Engineers & Surveyors
(618) 526-9011

USER NAME = KSchwiegerjohn
PLOT SCALE = 10.0000' / 1" =
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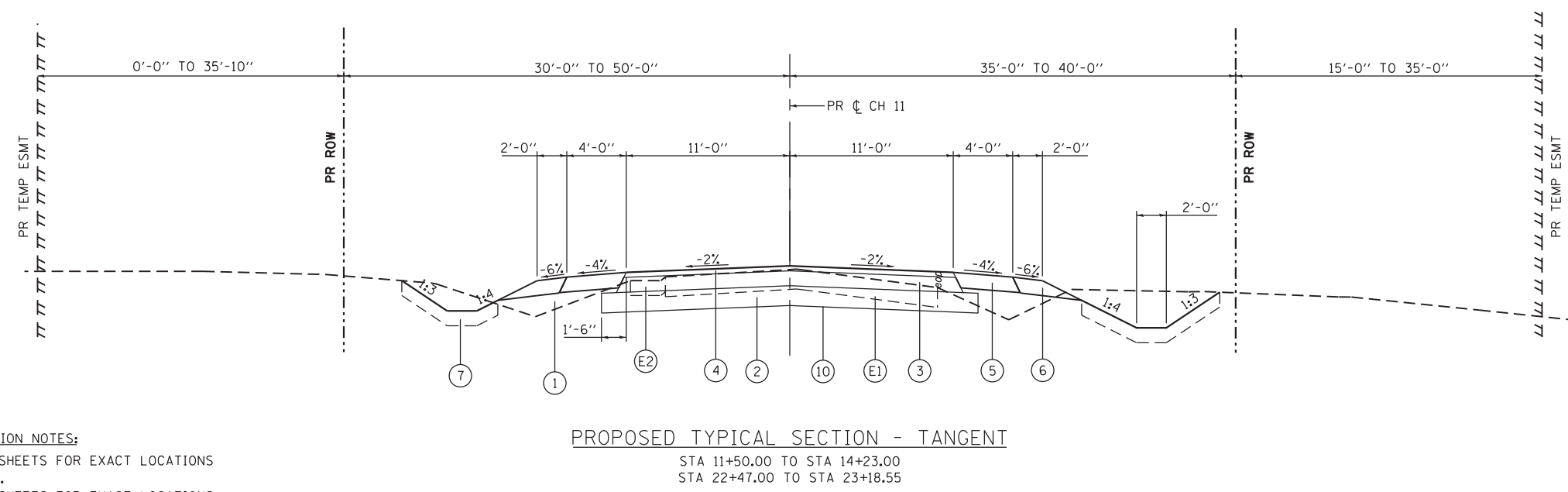
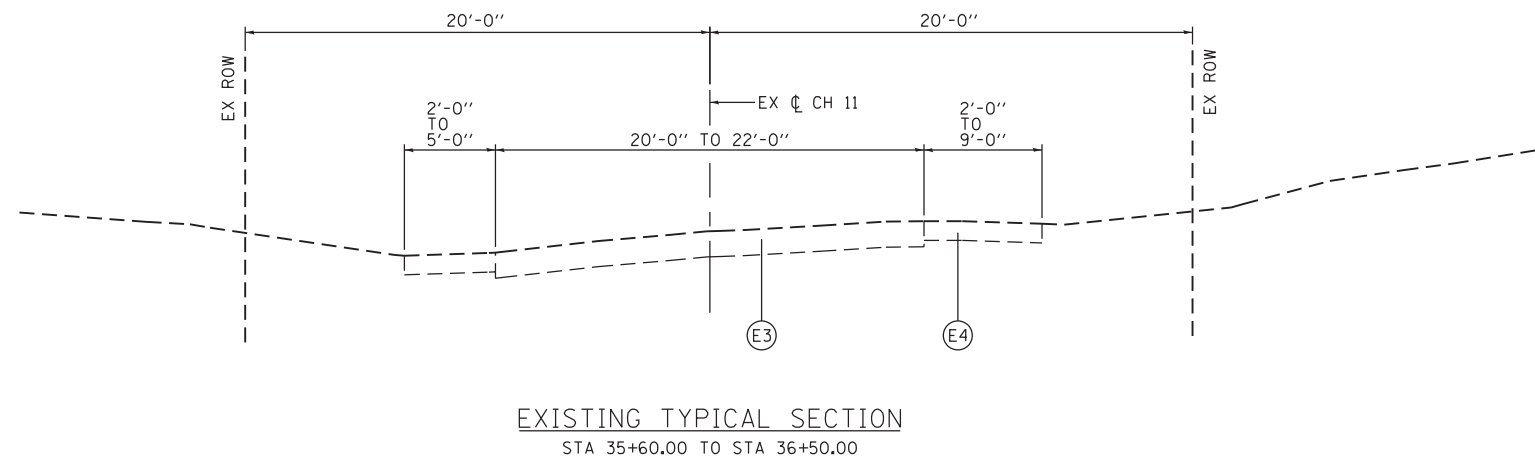
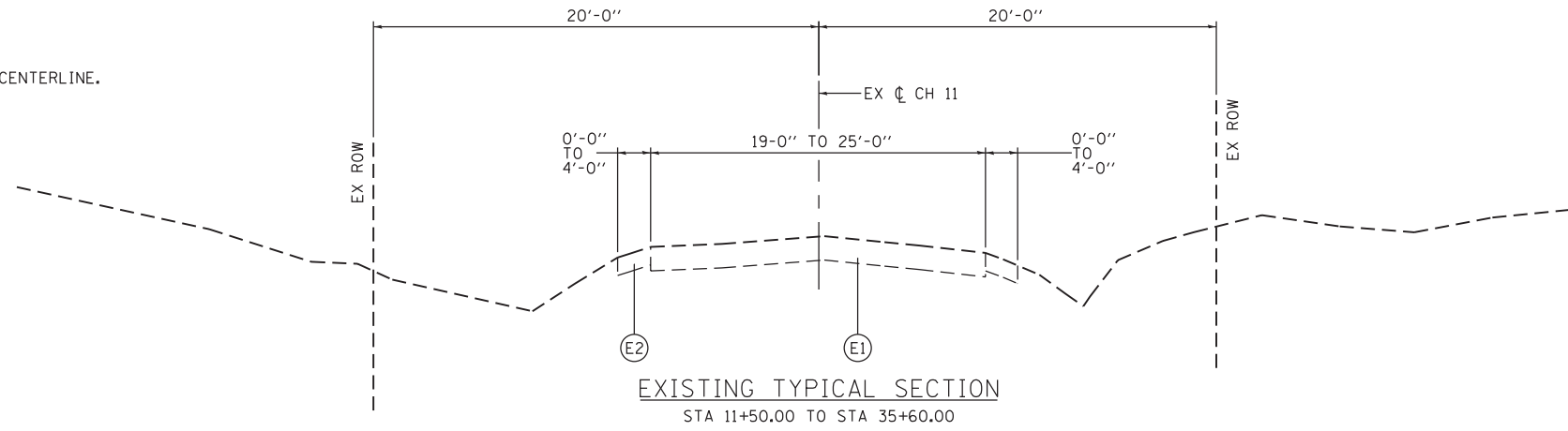
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	5
CONTRACT NO. 99608			ILLINOIS FED. AID PROJECT	

EXISTING TYPICAL SECTION NOTES:
STATION RANGE REFERENCES PROPOSED CENTERLINE.



PROPOSED TYPICAL SECTION NOTES:
SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED GUARDRAIL.
SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED DITCHES.
THE VALUES SHOWN REPRESENT THE STEEPEST, PLANNED SLOPES.

TYPICAL SECTION LEGEND

- ⓔ1 EX PAVEMENT (OIL & CHIP)
- ⓔ2 EX AGG SHOULDER
- ⓔ3 EX PAVEMENT (HMA)
- ⓔ4 EX HMA SHOULDER
- ① PR EMBANKMENT
- ② PR AGG BASE COURSE, TY 1 8"
- ③ PR HMA BINDER COURSE, IL-19.0, N70 (4")
- ④ PR HMA SURFACE COURSE, MIX "C", N70 (2")
- ⑤ PR HMA SHOULDERS, 6"
- ⑥ PR AGG SHOULDERS, 6"
- ⑦ PR TOPSOIL (4" MIN)
- ⑧ PR STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS
- ⑨ PR HMA SURFACE REM, 2"
- ⑩ PR GEOTECH FABRIC FOR GND STABILIZATION

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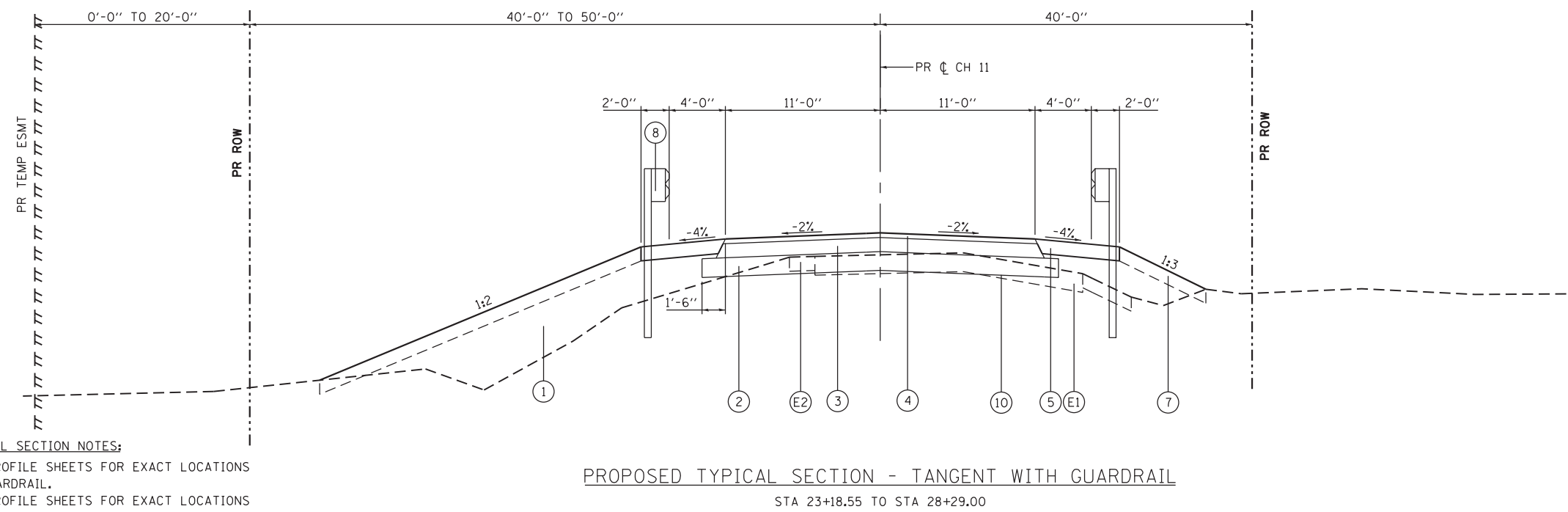
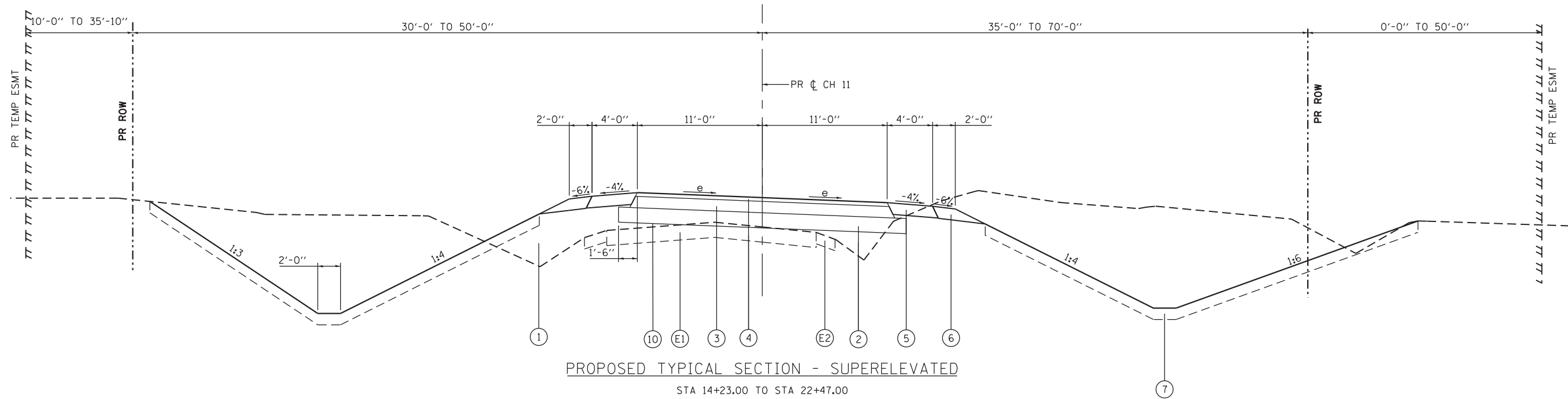
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	6
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION NOTES:
 SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED GUARDRAIL.
 SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED DITCHES.
 THE VALUES SHOWN REPRESENT THE STEEPEST, PLANNED SLOPES.

TYPICAL SECTION LEGEND

- (E1) EX PAVEMENT (OIL & CHIP)
- (E2) EX AGG SHOULDER
- (E3) EX PAVEMENT (HMA)
- (E4) EX HMA SHOULDER
- (1) PR EMBANKMENT
- (2) PR AGG BASE COURSE, TY 1 8"
- (3) PR HMA BINDER COURSE, IL-19.0, N70 (4")
- (4) PR HMA SURFACE COURSE, MIX "C", N70 (2")
- (5) PR HMA SHOULDERS, 6"
- (6) PR AGG SHOULDERS, 6"
- (7) PR TOPSOIL (4" MIN)
- (8) PR STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS
- (9) PR HMA SURFACE REM, 2"
- (10) PR GEOTECH FABRIC FOR GND STABILIZATION

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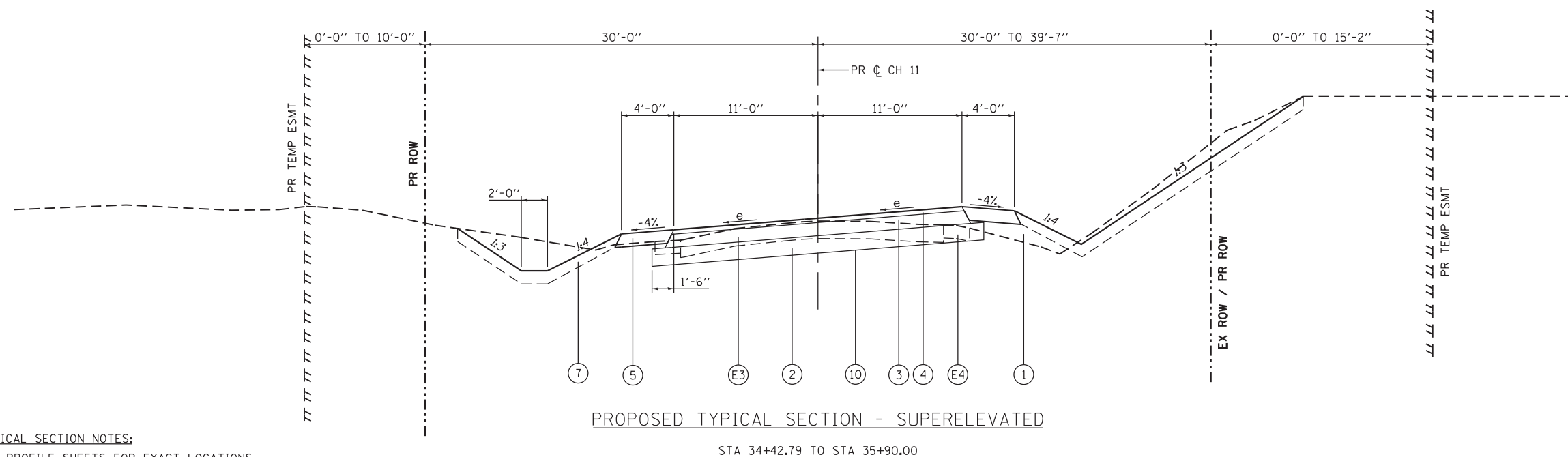
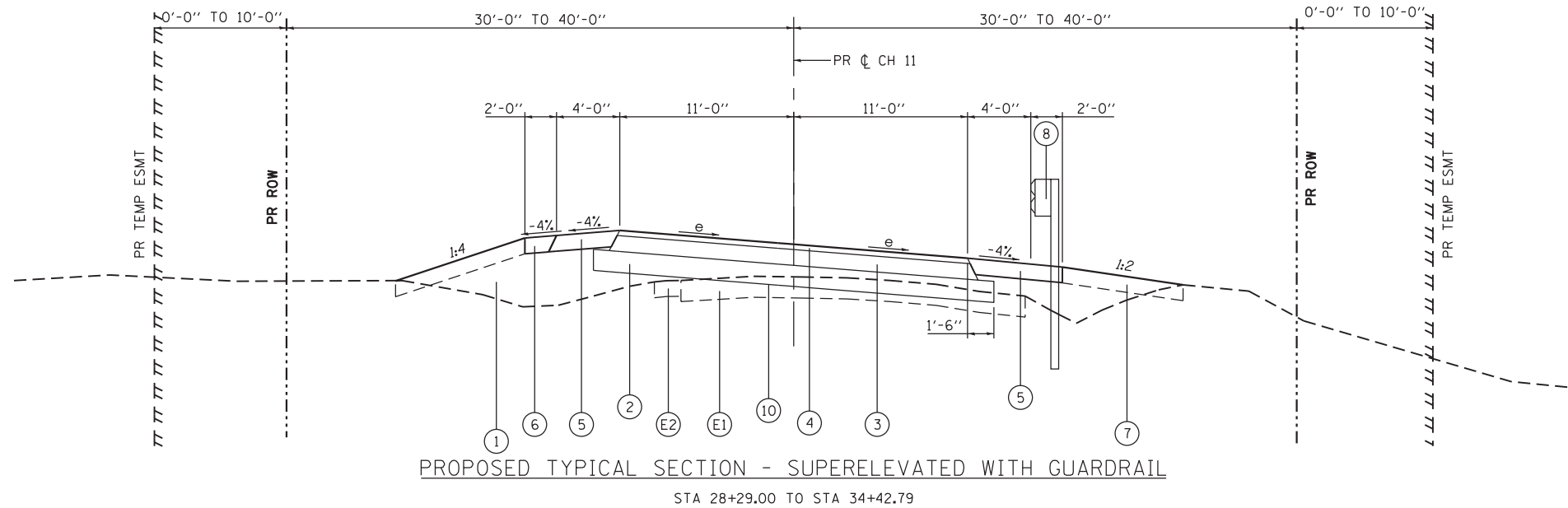
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	7
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION NOTES:

SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED GUARDRAIL.
 SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED DITCHES.
 THE VALUES SHOWN REPRESENT THE STEEPEST, PLANNED SLOPES.

TYPICAL SECTION LEGEND

- (E1) EX PAVEMENT (OIL & CHIP)
- (E2) EX AGG SHOULDER
- (E3) EX PAVEMENT (HMA)
- (E4) EX HMA SHOULDER
- (1) PR EMBANKMENT
- (2) PR AGG BASE COURSE, TY 1 8"
- (3) PR HMA BINDER COURSE, IL-19.0, N70 (4")
- (4) PR HMA SURFACE COURSE, MIX "C", N70 (2")
- (5) PR HMA SHOULDERS, 6"
- (6) PR AGG SHOULDERS, 6"
- (7) PR TOPSOIL (4" MIN)
- (8) PR STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS
- (9) PR HMA SURFACE REM, 2"
- (10) PR GEOTECH FABRIC FOR GND STABILIZATION

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 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611
 USER NAME = KSchwier_john
 PLOT SCALE = 5.0000' / 1" =
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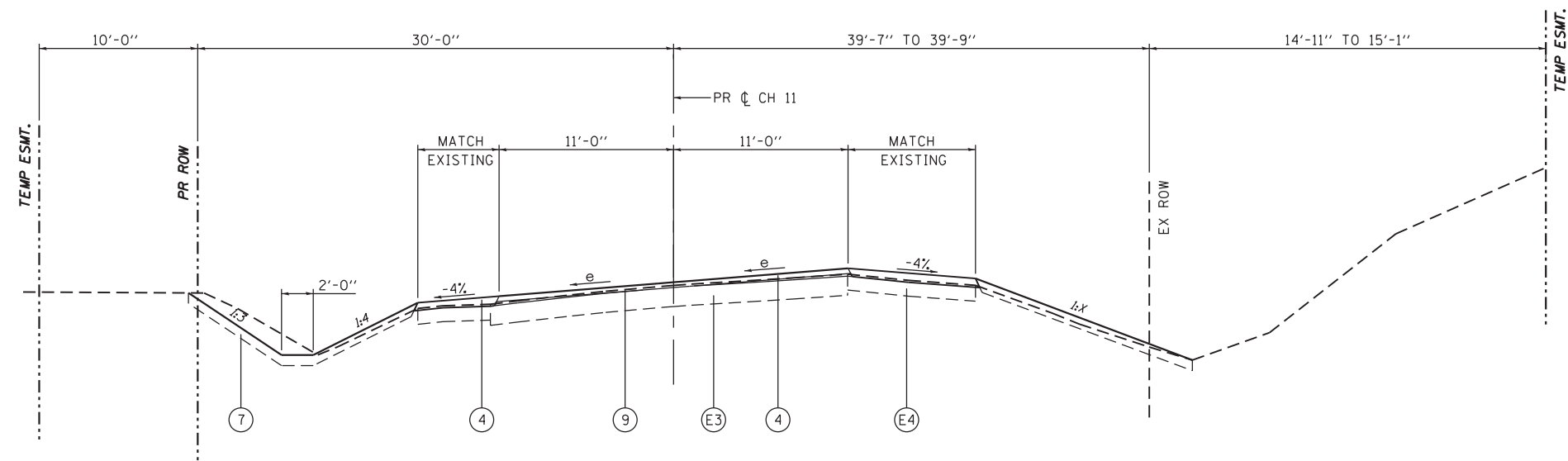
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	8
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION - SUPERELEVATED MILL & OVERLAY

STA 35+90.00 TO STA 36+50.00

CURVE: PR.CH11.1

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
11+50.00	-2.00	-2.00
14+23.00	-2.00	-2.00
14+25.00	-1.91	-2.00
14+30.00	-1.68	-2.00
14+35.00	-1.45	-2.00
14+40.00	-1.23	-2.00
14+45.00	-1.00	-2.00
14+50.00	-0.77	-2.00
14+55.00	-0.55	-2.00
14+60.00	-0.32	-2.00
14+65.00	-0.09	-2.00
14+67.00	0.00	-2.00
14+70.00	0.14	-2.00
14+75.00	0.36	-2.00
14+80.00	0.59	-2.00
14+85.00	0.82	-2.00
14+90.00	1.05	-2.00
14+95.00	1.27	-2.00
15+00.00	1.50	-2.00
15+05.00	1.73	-2.00
15+10.00	1.95	-2.00
15+11.00	2.00	-2.00
21+59.00	2.00	-2.00
21+60.00	1.95	-2.00
21+65.00	1.73	-2.00
21+70.00	1.50	-2.00
21+75.00	1.27	-2.00
21+80.00	1.05	-2.00
21+85.00	0.82	-2.00
21+90.00	0.59	-2.00
21+95.00	0.36	-2.00
22+00.00	0.14	-2.00
22+03.00	0.00	-2.00
22+05.00	-0.09	-2.00
22+10.00	-0.32	-2.00
22+15.00	-0.55	-2.00
22+20.00	-0.77	-2.00
22+25.00	-1.00	-2.00
22+30.00	-1.23	-2.00
22+35.00	-1.45	-2.00
22+40.00	-1.68	-2.00
22+45.00	-1.91	-2.00
22+47.00	-2.00	-2.00
28+25.00	-2.00	-2.00

CURVE: PR.CH11.3

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
28+25.00	-2.00	-2.00
28+29.00	-2.00	-2.00
28+30.00	-1.95	-2.00
28+35.00	-1.73	-2.00
28+40.00	-1.50	-2.00
28+45.00	-1.27	-2.00
28+50.00	-1.05	-2.00
28+55.00	-0.82	-2.00
28+60.00	-0.59	-2.00
28+65.00	-0.36	-2.00
28+70.00	-0.14	-2.00
28+73.00	0.00	-2.00
28+75.00	0.09	-2.00
28+80.00	0.32	-2.00
28+85.00	0.55	-2.00
28+90.00	0.77	-2.00
28+95.00	1.00	-2.00
29+00.00	1.23	-2.00
29+05.00	1.45	-2.00
29+10.00	1.68	-2.00
29+15.00	1.91	-2.00
29+17.00	2.00	-2.00
29+20.00	2.14	-2.14
29+25.00	2.36	-2.36
29+30.00	2.59	-2.59
29+35.00	2.82	-2.82
29+40.00	3.05	-3.05
29+45.00	3.27	-3.27
29+50.00	3.50	-3.50
29+55.00	3.73	-3.73
29+60.00	3.95	-3.95
29+61.00	4.00	-4.00
32+85.00	4.00	-4.00

REVERSE CURVES: PR.CH11.3 and PR.CH11.4

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
32+85.00	4.00	-4.00
32+86.00	4.00	-4.00
32+90.00	3.88	-3.88
32+95.00	3.73	-3.73
33+00.00	3.58	-3.58
33+05.00	3.42	-3.42
33+10.00	3.27	-3.27
33+15.00	3.12	-3.12
33+20.00	2.97	-2.97
33+25.00	2.82	-2.82
33+30.00	2.67	-2.67
33+35.00	2.52	-2.52
33+40.00	2.36	-2.36
33+45.00	2.21	-2.21
33+50.00	2.06	-2.06
33+55.00	1.91	-1.91
33+60.00	1.76	-1.76
33+65.00	1.61	-1.61
33+70.00	1.45	-1.45
33+75.00	1.30	-1.30
33+80.00	1.15	-1.15
33+85.00	1.00	-1.00
33+90.00	0.85	-0.85
33+95.00	0.70	-0.70
34+00.00	0.55	-0.55
34+05.00	0.39	-0.39
34+10.00	0.24	-0.24
34+15.00	0.09	-0.09
34+18.00	0.00	0.00
34+20.00	-0.06	0.06
34+25.00	-0.21	0.21
34+30.00	-0.36	0.36
34+35.00	-0.52	0.52
34+40.00	-0.67	0.67
34+45.00	-0.82	0.82
34+50.00	-0.97	0.97
34+55.00	-1.12	1.12
34+60.00	-1.27	1.27
34+65.00	-1.42	1.42
34+70.00	-1.58	1.58
34+75.00	-1.73	1.73
34+80.00	-1.88	1.88
34+85.00	-2.03	2.03
34+90.00	-2.18	2.18
34+95.00	-2.33	2.33
35+00.00	-2.48	2.48
35+05.00	-2.64	2.64
35+10.00	-2.79	2.79
35+15.00	-2.94	2.94
35+20.00	-3.09	3.09
35+25.00	-3.24	3.24
35+30.00	-3.39	3.39
35+35.00	-3.55	3.55
35+40.00	-3.70	3.70
35+45.00	-3.85	3.85
35+50.00	-4.00	4.00
36+50.00	-4.00	4.00

TYPICAL SECTION LEGEND

- (E1) EX PAVEMENT (OIL & CHIP)
- (E2) EX AGG SHOULDER
- (E3) EX PAVEMENT (HMA)
- (E4) EX HMA SHOULDER
- (1) PR EMBANKMENT
- (2) PR AGG BASE COURSE, TY 1 8"
- (3) PR HMA BINDER COURSE, IL-19.0, N70 (4")
- (4) PR HMA SURFACE COURSE, MIX "C", N70 (2")
- (5) PR HMA SHOULDERS, 6"
- (6) PR AGG SHOULDERS, 6"
- (7) PR TOPSOIL (4" MIN)
- (8) PR STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS
- (9) PR HMA SURFACE REM, 2"
- (10) PR GEOTECH FABRIC FOR GND STABILIZATION

EARTHWORK SCHEDULE

LOCATION	A	B	C	D	E = 0.75 x D	F	G
	ROCK FILL - SUBGRADE	TOPSOIL EXCAVATION AND PLACEMENT	NON-SPECIAL WASTE DISPOSAL	EARTH EXCAVATION	EARTH EXCAVATION AVAILABLE FOR USE AS EMBANKMENT	REQUIRED EMBANKMENT	EARTHWORK BALANCE: WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
STA 11+50.00 TO STA 16+50.00	46.3	303.4	456.9	558.7	419.0	1783.6	-1364.6
STA 16+50.00 TO STA 21+50.00	185.2	619.5		3137.1	2352.8	958.8	1394.0
STA 21+50.00 TO STA 26+50.00	185.2	431.0		1690.4	1267.8	597.0	670.8
STA 26+50.00 TO STA 31+50.00	185.2	235.1		572.6	429.5	315.0	114.5
STA 31+50.00 TO STA 36+50.00	40.7	244.0		670.2	502.7	103.2	399.5
TOTAL	642.6	1833.0	456.9	6629.0	4971.8	3757.6	1214.2
USE	643	1835	460	6630	4975	3760	1210

NOTES:

ESTIMATED EARTHWORK QUANTITIES WERE CALCULATED FROM CROSS-SECTION END AREAS.
 COLUMN "A" - ESTIMATED VOLUME OF EARTH SUBGRADE MATERIAL THAT HAS THE POTENTIAL TO BE UNSTABLE AND INCAPABLE OF SUPPORTING A ROADWAY OR ITS EMBANKMENT. FOR THIS CONTRACT, IT WAS ASSUMED AT 10% OF THE AREA TO BE COVERED BY THE AGGREGATE BASE COURSE (STA 11+50 TO 16+50 AND 31+50 TO 36+50) AND 20% OF THE AREA TO BE COVERED BY THE AGGREGATE BASE COURSE (STA 16+50 TO STA 31+50).
 COLUMN "B" - ESTIMATED VOLUME OF CUT MATERIAL PRODUCED BY REMOVAL OF THE EXISTING TOPSOIL. THIS VOLUME HAS BEEN CALCULATED USING THE AREA WITHIN THE CONSTRUCTION LIMITS EXCLUDING THE EXISTING ROADWAY/ENTRANCES AND A CONSTANT DEPTH OF FIVE INCHES. THIS QUANTITY DOES NOT INCLUDE THE VOLUME OF TOPSOIL TO BE EXCAVATED IN THE AREA WHERE STUDIES HAVE SHOWN THE MATERIAL TO BE NON-SPECIAL WASTE.
 COLUMN "C" - ESTIMATED VOLUME OF CUT MATERIAL DETERMINED TO BE NON-SPECIAL WASTE AS DEFINED IN THE CONTRACT DOCUMENTS. THIS VOLUME IS LOCATED FROM STATION 13+50 TO STATION 16+00 AND FROM THE CENTERLINE OF THE EXISTING ROADWAY TO THE CONSTRUCTION LIMITS (RIGHT). WHERE THE EXISTING ROADWAY MATERIAL CONFLICTS WITH THE PROPOSED CROSS-SECTION ELEMENTS, THIS MATERIAL IS ALSO INCLUDED. ALL MATERIAL EXCAVATED IN THIS AREA SHALL BE DISPOSED OF ACCORDING TO THE CONTRACT DOCUMENTS.
 COLUMN "D" - ESTIMATED VOLUME OF CUT MATERIAL PRODUCED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THIS VOLUME HAS BEEN CALCULATED USING CROSS-SECTION END AREAS. THIS QUANTITY DOES NOT INCLUDE THE TOPSOIL VOLUME TO BE EXCAVATED OR THE NON-SPECIAL WASTE VOLUME.
 COLUMN "E" - ESTIMATED VOLUME OF EXCAVATED MATERIAL (EXCLUDING TOPSOIL) AVAILABLE FOR USE IN EMBANKMENT. (NOT A PAY ITEM)
 COLUMN "F" - ESTIMATED VOLUME OF FILL MATERIAL REQUIRED TO CONSTRUCT THE PROPOSED IMPROVEMENTS. THIS VOLUME HAS BEEN CALCULATED USING CROSS-SECTION END AREAS AND DOES NOT INCLUDE THE TOPSOIL TO BE PLACED OVER THE AREAS TO BE SEEDED. (NOT A PAYITEM)
 COLUMN "G" - ESTIMATED EARTHWORK MATERIAL BALANCE.

TREE REMOVAL SCHEDULE

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE REMOVAL ACRES
	UNIT	UNIT	ACRE
	STA 12+63.22	23.35' RT	
STA 12+75.52	24.74' RT		8
STA 12+86.32	39.44' RT		8
STA 12+90.17	24.75' RT		8
STA 13+04.73	25.27' RT		10
STA 13+08.04	40.83' RT		8
STA 13+14.68	38.85' RT		6
STA 13+22.43	21.63' RT		24
STA 13+27.05	39.53' RT		72
STA 13+63.13	25.73' RT		9
STA 16+45.69	44.42' LT		12
STA 21+16.93	76.04' LT		6
STA 30+92.52	19.89' LT		15
STA 31+26.68	19.40' LT		18
STA 31+45.72	18.40' LT		15
STA 31+54.77	19.19' LT		15
STA 31+67.59	20.16' LT		12
STA 31+72.39	17.46' LT		12
STA 32+14.26	18.14' LT		18
STA 34+29.19	18.15' LT		15
STA 34+30.04	27.60' LT		12
STA 34+73.95	25.02' RT		20
STA 35+01.31	18.62' RT		6
STA 35+10.13	26.34' RT		6
STA 35+26.86	26.89' RT		18
STA 35+47.49	31.76' RT		15
STA 35+59.80	27.36' RT		15
STA 35+80.41	27.93' RT		15
STA 13+94.00	RT TO STA 23+40.00	RT	0.93
STA 26+78.00	LT TO STA 29+40.00	LT	0.02
STA 31+02.00	RT TO STA 36+58.00	RT	0.02
TOTAL			236
USE			236

DRAINAGE SCHEDULE

LOCATION	PIPE CULVERT REMOVAL	INLETS, SPECIAL	PIPE CULVERTS, CLASS C, TYPE 1 15"	PIPE CULVERTS, CLASS C, TYPE 1 18"	PIPE CULVERTS, CLASS A, TYPE 2 18"	METAL FLARED END SECTIONS, 18"	METAL FLARED END SECTIONS, 21"	PRECAST REINFORCED CONC. FLARED END SECTIONS, 18"	TRENCH BACKFILL	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS A3	FILTER FABRIC
	FOOT	EACH	FOOT	FOOT	FOOT	EACH	EACH	EACH	CU YD	EACH	SO YD	SO YD
ENTRANCE												
12+07.2	20.7		29.5			2				1		
AR	9.9	1								2	28.9	28.9
AR	40.1								16.7			
17+70.6	23.9				66.9		2		32.9	1	26.7	26.7
AR					56.6				4.4			
22+00.0			28.8				2	2	13.6	1	55.2	55.2
22+00.0	53.5								14.3	1	13.3	13.3
AR	39.7								6.9			
21+10.0				25.8			2			1		
34+45.0	35.2			30.1			2		5.1	1		
36+09.2	32.9		24.6			2				1		
36+16.9	32.2			36.6			2			1		
TOTAL	288.1	1	54.1	121.3	123.5	4	8	4	94.0	10	124.1	124.1
USE	289	1	55	122	124	4	8	4	95	10	125	125

NOTES:

AR -> ACROSS-ROAD
 IF TRENCH BACKFILL IS REQUIRED TO FILL THE VOID LEFT FROM REMOVAL OF THE EXISTING CULVERT (DUE TO ITS PROXIMITY TO THE PROPOSED ROADWAY/ENTRANCES), IT IS CALCULATED FROM THE TOP OF THE EXISTING SURFACE TO THE INVERT OF THE PIPE.

PAVING SCHEDULE

LOCATION							PAVEMENT REMOVAL	HMA SURFACE REMOVAL, 2"	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGG BASE COURSE, TYPE A 8"	BITUMINOUS MATERIALS (PRIME COAT)	HMA BINDER COURSE, IL-19.0, N70	BITUMINOUS MATERIALS (TACK COAT)	HMA SURFACE COURSE, MIX "C", N70	HMA SHOULDERS, 6"	AGG SHOULDERS, TYPE A 6"
							SO YD	SO YD	SO YD	SO YD	POUND	TON	POUND	TON	SO YD	SO YD
STA 11+50.00	RT	TO	STA 16+50.00	RT					1500.0	1388.9	3125.0	277.9	279.2	136.9	204.3	106.1
STA 11+50.00	LT	TO	STA 16+50.00	LT											204.6	107.5
STA 16+50.00	RT	TO	STA 21+50.00	RT					1500.0	1388.9	3125.0	277.9	279.2	136.9	221.6	106.3
STA 16+50.00	LT	TO	STA 21+50.00	LT											222.8	107.1
STA 21+50.00	RT	TO	STA 26+50.00	RT					1500.0	1388.9	3125.0	277.9	279.2	136.9	264.2	81.0
STA 21+50.00	LT	TO	STA 26+50.00	LT											311.6	37.5
STA 26+50.00	RT	TO	STA 31+50.00	RT					1500.0	1388.9	3125.0	277.9	279.2	136.9	329.9	0.0
STA 26+50.00	LT	TO	STA 31+50.00	LT											318.3	29.6
STA 31+50.00	RT	TO	STA 36+50.00	RT			73.4	222.7	1320.0	1222.2	2750.0	244.6	295.8	145.4	279.7	0.0
STA 31+50.00	LT	TO	STA 36+50.00	LT											196.6	58.8
TOTAL							73.4	222.7	7320.0	6777.8	15250.0	1356.3	1412.4	693.0	2553.6	633.8
USE							74	223	7320	6778	15250	1357	1413	693	2554	634

NOTES:

FROM STATION 35+90 TO STATION 36+50, THE SHOULDERS SHALL BE OVERLAID WITH HMA SURFACE COURSE.
 FROM STATION 35+90 TO STATION 36+50, THE EXISTING ROADWAY IS TO BE MILLED, AND THE OVERLAY SHALL CONSIST OF THE TYPICAL 2" HMA SURFACE COURSE. ADDITIONAL HMA SURFACE COURSE WILL BE REQUIRED AS A "LEVELING BINDER" DUE TO THE DIFFERENCE IN ELEVATION BETWEEN THE MILLED SURFACE AND THE PROPOSED PROFILE.

EROSION CONTROL AND SEEDING SCHEDULE

LOCATION							SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	EROSION CONTROL BLANKET
							ACRE	POUND	POUND	POUND	ACRE	POUND	FOOT	FOOT	SO YD
STA 11+50.00	RT	TO	STA 16+50.00	RT			0.35	31.9	31.9	31.9	0.28	71	112		348.0
STA 11+50.00	LT	TO	STA 16+50.00	LT			0.18	16.6	16.6	16.6	0.10	37	56		385.0
STA 16+50.00	RT	TO	STA 21+50.00	RT			0.45	40.7	40.7	40.7	0.37	90	140		414.0
STA 16+50.00	LT	TO	STA 21+50.00	LT			0.33	29.6	29.6	29.6	0.24	66	98		420.4
STA 21+50.00	RT	TO	STA 26+50.00	RT			0.22	19.9	19.9	19.9	0.22	44		511.2	26.8
STA 21+50.00	LT	TO	STA 26+50.00	LT			0.32	28.7	28.7	28.7	0.27	64	28	256.8	250.9
STA 26+50.00	RT	TO	STA 31+50.00	RT			0.09	7.9	7.9	7.9	0.09	17		490.5	
STA 26+50.00	LT	TO	STA 31+50.00	LT			0.14	12.9	12.9	12.9	0.14	29		507.0	
STA 31+50.00	RT	TO	STA 36+50.00	RT			0.12	11.1	11.1	11.1	0.09	25	42	261.9	171.4
STA 31+50.00	LT	TO	STA 36+50.00	LT			0.16	14.1	14.1	14.1	0.13	31	42	290.6	120.3
TOTAL							2.37	213.2	213.2	213.2	1.93	474	518	2318.0	2136.8
USE							2.4	216	216	216	2.0	480	518	2318	2137

GUARDRAIL SCHEDULE

LOCATION							TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
							EACH	FOOT	EACH	EACH
STA 23+40.60	16.00'	LT	TO	STA 23+90.68	15.00'	LT	1		1	
STA 23+90.68	15.00'	LT	TO	STA 29+28.58	15.00'	LT		537.5	10	
STA 29+28.58	15.00'	LT	TO	STA 29+77.32	16.00'	LT	1		1	
STA 25+55.91	16.00'	RT	TO	STA 26+05.80	15.00'	RT	1		1	
STA 26+05.80	15.00'	RT	TO	STA 33+53.46	15.00'	RT		737.5	14	
STA 33+53.46	15.00'	RT	TO	STA 34+03.45	16.00'	RT	1		1	
TOTAL							4	1275.0	24	4
USE							4	1275.0	24	4

NOTES:

GUARDRAIL REFLECTORS (LEFT) SPACED AT 53'-9".
 GUARDRAIL REFLECTORS (RIGHT) SPACED AT 52'-8".

ENTRANCE SCHEDULE

TYPE	LOCATION			DRIVEWAY PAVEMENT REMOVAL	AGG BASE COURSE, TYPE A 8"	BITUMINOUS MATERIALS (PRIME COAT)	HMA SURFACE COURSE, MIX "C", N50	AGG SURFACE COURSE, TYPE A	AGG FOR TEMPORARY ACCESS
	STA		RT	SO YD	SO YD	POUND	TON	TON	TON
PE	STA 12+07.2		RT					17.5	8.8
PE	STA 13+41.5		RT					12.9	
PE	STA 13+85.2		LT					32.9	16.4
PE	STA 17+70.6		RT					13.5	6.8
PE	STA 21+10.0		LT					56.8	28.4
PE	STA 22+00.0		RT					46.3	
PE	STA 31+12.0		LT					14.0	
PE	STA 32+50.0		LT					15.1	7.5
PE	STA 34+45.0		RT					15.4	
PE	STA 34+46.3		LT	70.6	65.9	148.3	5.7		3.0
PE	STA 36+09.2		LT					10.8	5.4
PE	STA 36+16.9		RT					19.9	9.9
TOTAL				70.6	65.9	148.3	5.7	255.1	86.2
USE				71	66	149	6	256	87

PAVEMENT MARKING AND SIGNING SCHEDULE

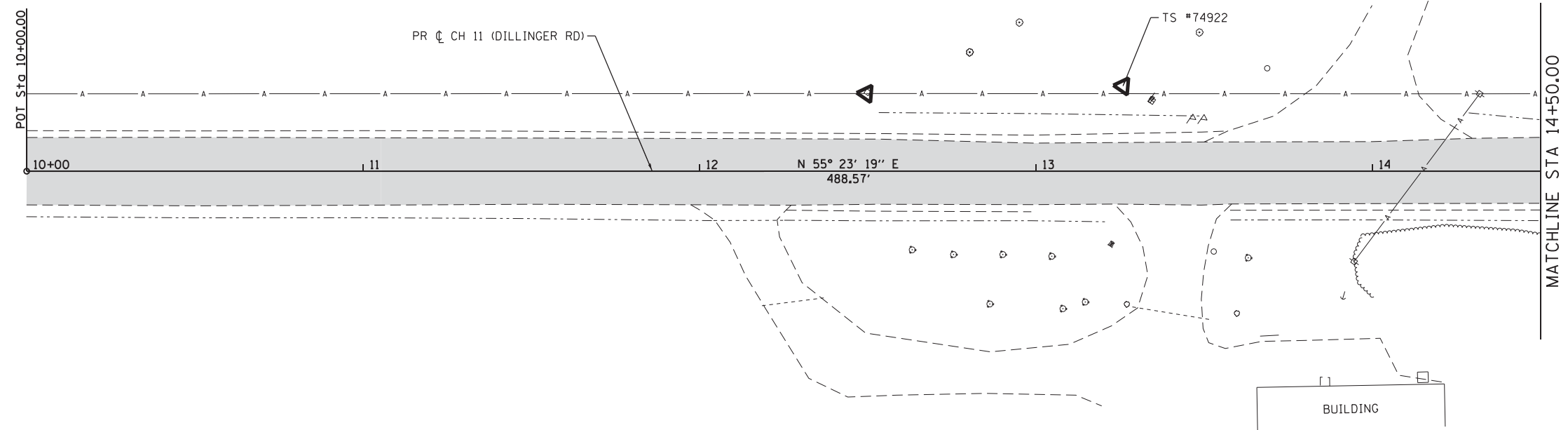
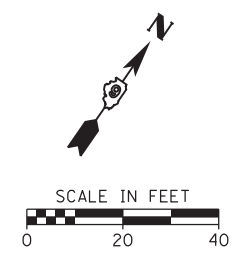
LOCATION	SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL SQ FT	THERMOPLASTIC PAVEMENT MARKING - LINE 4"		RAISED REFLECTIVE PAVEMENT MARKER EACH	SIGN PANEL - TYPE 1 SQ FT	TELESCOPING STEEL SIGN SUPPORT FOOT
	YELLOW FOOT	WHITE FOOT		YELLOW FOOT	WHITE FOOT			
LEFT EDGE (SOLID)								
STA 11+50.00	9.84'	LT TO STA 11+90.00						
STA 11+90.00	11.00'	LT TO STA 36+50.00	100.0	33.3				
					40.0			
					2466.1			
STA 21+50.00	24.00'	LT (W14-3)					4.2	12.0
STA 29+08.58	24.00'	LT (W1-8 x 2)					6.0	11.5
STA 29+98.24	24.00'	LT (W1-8 x 2)					6.0	11.5
STA 30+87.17	24.00'	LT (W1-8 x 2)					6.0	11.5
STA 31+76.09	24.00'	LT (W1-8 x 2)					6.0	11.5
STA 32+65.02	24.00'	LT (W1-8 x 2)					6.0	11.5
STA 33+54.69	24.00'	LT (W1-8 x 2)					6.0	11.5
STA 34+84.69	24.00'	LT (W1-2 and W13-1P)					8.5	14.0
CENTER (SKIP-DASH)								
STA 11+50.00		TO STA 29+28.58			444.7			
CENTER (SOLID)								
STA 29+28.58		RT TO STA 36+50.00	400.0	133.3		32		
STA 21+50.00		LT TO STA 36+50.00			721.6			
					1499.9			
RIGHT EDGE (SOLID)								
STA 11+50.00	9.81'	RT TO STA 11+90.00						
STA 11+90.00	11.00'	RT TO STA 36+50.00	100.0	33.3				
					40.0			
					2453.9			
STA 26+28.58	24.00'	RT (W1-5 and W13-1P)					8.5	14.0
STA 27+78.58	24.00'	RT (W1-2 and W13-1P)					8.5	14.0
STA 33+51.90	24.00'	RT (W1-2 and W13-1P)					8.5	14.0
	T		400.0	200.0	200.0	2666.2	5000.0	32
	USE		600	200	200	7667	32	75

NOTES:

ME -> MATCH EXISTING

SHORT TERM PAVEMENT MARKING FOR THE CENTERLINE SHALL CONSIST OF A SINGLE DASH FROM 11+50.00 TO 21+50.00 AND A DOUBLE DASH FROM 21+50.00 TO 36+50.00.

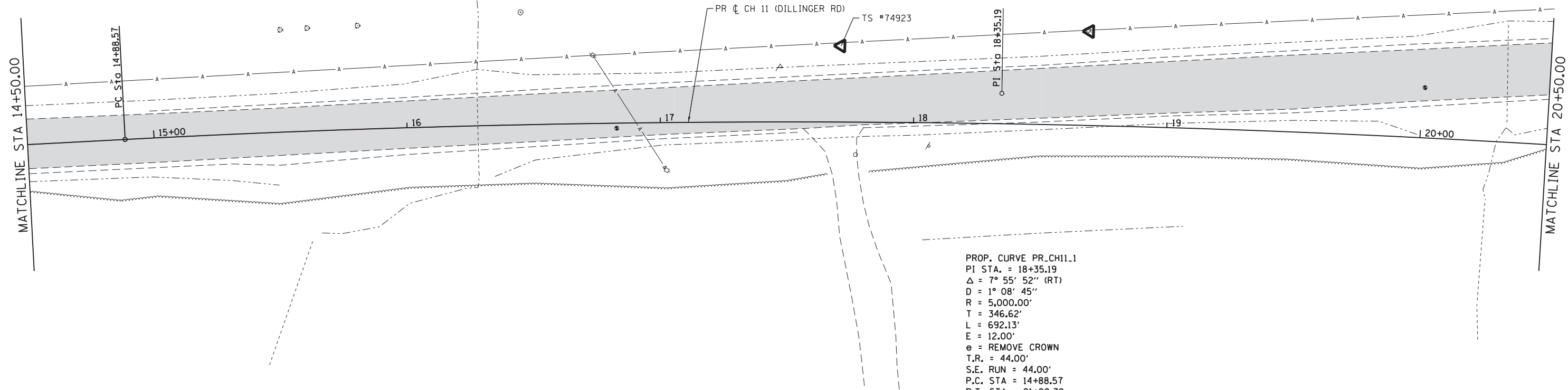
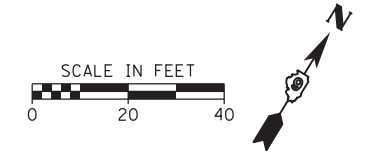
TRAVERSE STATION #74922
 EL 392.944
 STA 13+25.88, OFF 25.29' LT
 N=403247.393, E=2579565.445



CENTERLINE SUMMARY		
STATION	NORTHING	EASTING
10+00.00 (POT)	403041.474	2579311.608
14+88.57 (PC)	403318.987	2579713.714
18+35.19 (PI)	403515.869	2579998.990

LEGEND	
	EXISTING ROAD

TRAVERSE STATION #74923
 EL 394.281
 STA 17+71.31, OFF 30.09' LT
 N=403498.614, E=2579935.161



PROP. CURVE PR_CH11.1
 PI STA. = 18+35.19
 $\Delta = 7^\circ 55' 52''$ (RT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 346.62'$
 $L = 692.13'$
 $E = 12.00'$
 $e = \text{REMOVE CROWN}$
 $T.R. = 44.00'$
 $S.E. \text{ RUN} = 44.00'$
 $P.C. \text{ STA} = 14+88.57$
 $P.T. \text{ STA} = 21+80.70$

FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_ALIGN.1.dgn
 USER NAME = KSchwier_john
 PLOT SCALE = 20,0000 "/>

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

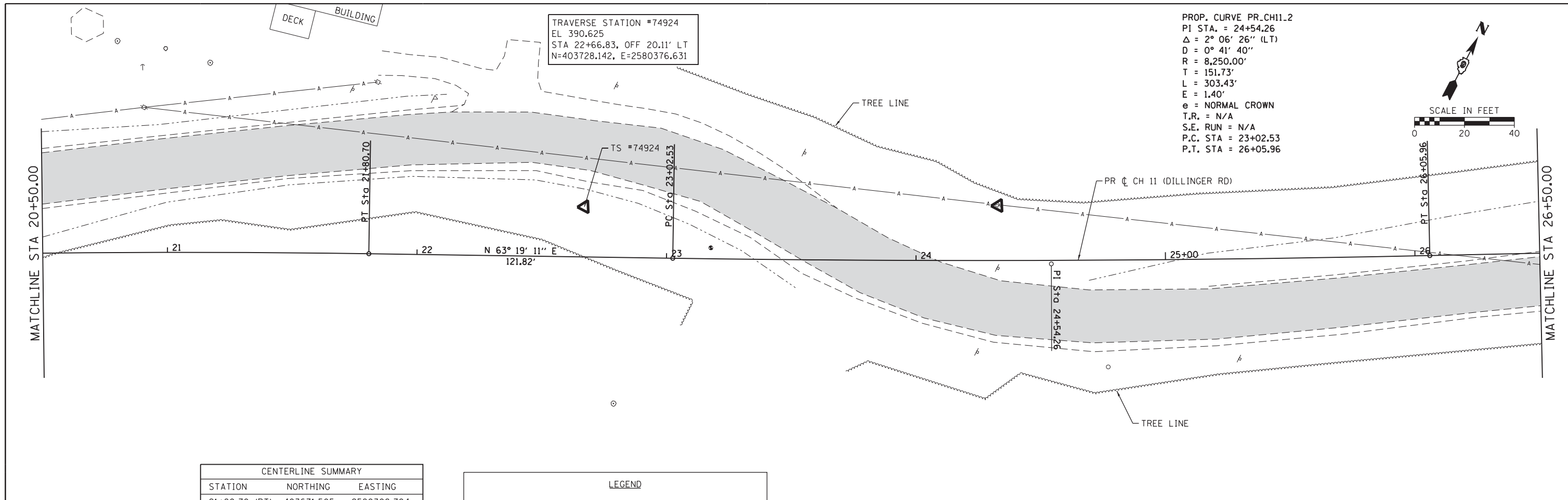
REVISED -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
 SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	13
CONTRACT NO. 99608				

ILLINOIS FED. AID PROJECT

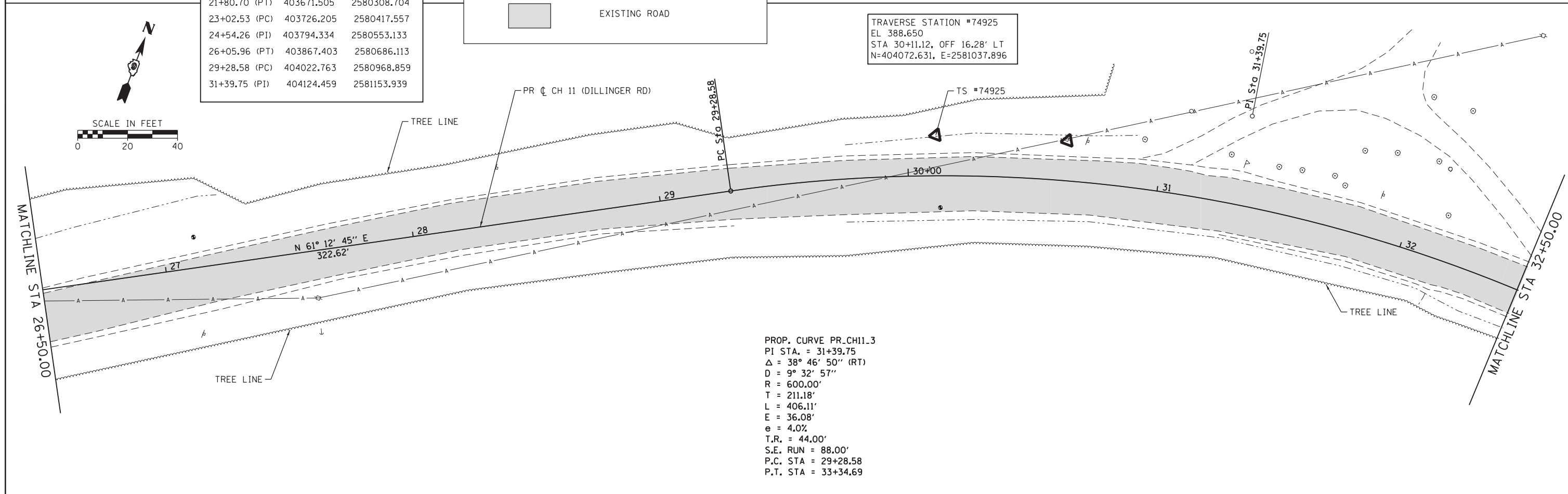


PROP. CURVE PR.CH11.2
 PI STA. = 24+54.26
 $\Delta = 2^\circ 06' 26''$ (LT)
 $D = 0^\circ 41' 40''$
 $R = 8,250.00'$
 $T = 151.73'$
 $L = 303.43'$
 $E = 1.40'$
 $e = \text{NORMAL CROWN}$
 $T.R. = \text{N/A}$
 $S.E. \text{ RUN} = \text{N/A}$
 $P.C. \text{ STA} = 23+02.53$
 $P.T. \text{ STA} = 26+05.96$



CENTERLINE SUMMARY		
STATION	NORTHING	EASTING
21+80.70 (PT)	403671.505	2580308.704
23+02.53 (PC)	403726.205	2580417.557
24+54.26 (PI)	403794.334	2580553.133
26+05.96 (PT)	403867.403	2580686.113
29+28.58 (PC)	404022.763	2580968.859
31+39.75 (PI)	404124.459	2581153.939

LEGEND	
	EXISTING ROAD



TRAVERSE STATION #74925
 EL 388.650
 STA 30+11.12, OFF 16.28' LT
 $N=404072.631, E=2581037.896$

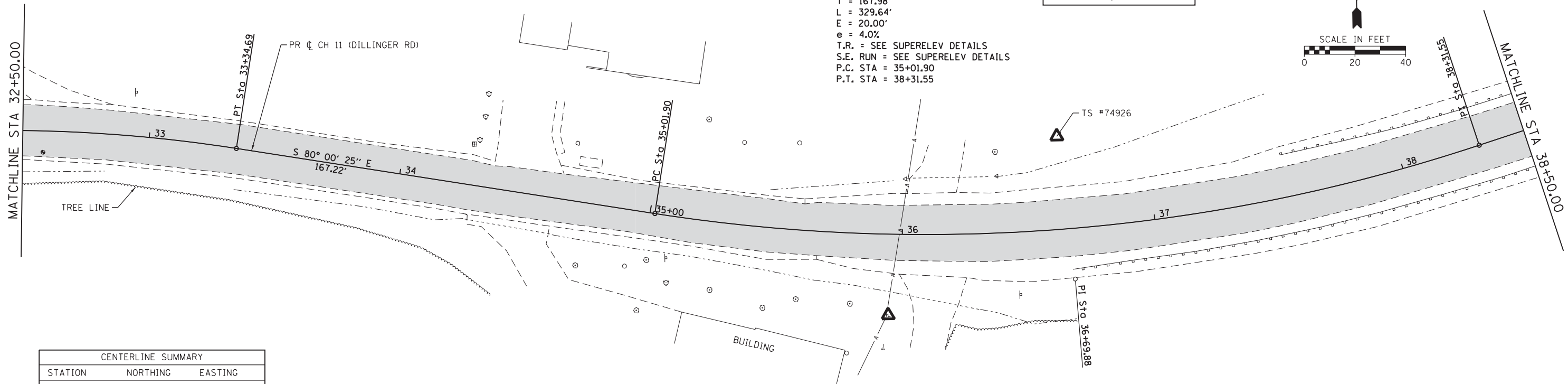
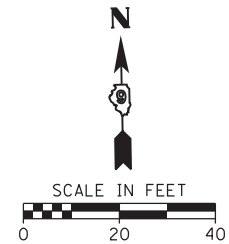


PROP. CURVE PR.CH11.3
 PI STA. = 31+39.75
 $\Delta = 38^\circ 46' 50''$ (RT)
 $D = 9^\circ 32' 57''$
 $R = 600.00'$
 $T = 211.18'$
 $L = 406.11'$
 $E = 36.08'$
 $e = 4.0\%$
 $T.R. = 44.00'$
 $S.E. \text{ RUN} = 88.00'$
 $P.C. \text{ STA} = 29+28.58$
 $P.T. \text{ STA} = 33+34.69$

FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_ALIGN.2.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS		CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwier_john	DRAWN -		REVISED -	11	16-00175-00-SP	JACKSON	109	14	
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -		REVISED -	CONTRACT NO. 99608					
PLOT DATE = 10/18/2018	DATE -	REVISED -		REVISED -	SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT

PROP. CURVE PR_CH11.4
 PI STA. = 36+69.88
 $\Delta = 27^\circ 09' 19''$ (LT)
 $D = 8^\circ 14' 16''$
 $R = 695.52'$
 $T = 167.98'$
 $L = 329.64'$
 $E = 20.00'$
 $e = 4.0\%$
 T.R. = SEE SUPERELEV DETAILS
 S.E. RUN = SEE SUPERELEV DETAILS
 P.C. STA = 35+01.90
 P.T. STA = 38+31.55

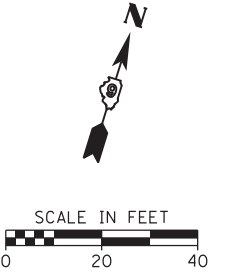
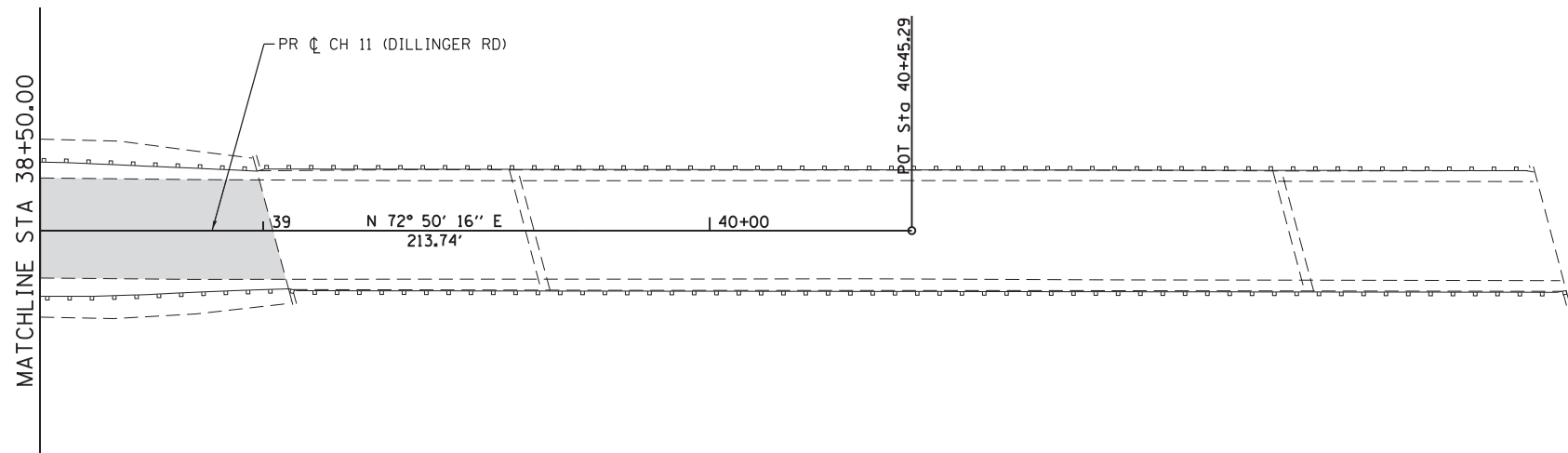
TRAVERSE STATION #74926
 EL 380.008
 STA 36+63.93, OFF 36.67' LT
 N=404086.044, E=2581685.835



CENTERLINE SUMMARY		
STATION	NORTHING	EASTING
33+34.69 (PT)	404087.813	2581361.915
35+01.90 (PC)	404058.795	2581526.597
36+69.88 (PI)	404029.646	2581692.026
38+31.55 (PT)	404079.212	2581852.523
40+45.29 (POT)	404142.283	2582056.749

LEGEND

EXISTING ROAD



TRAVERSE STATION #74927
 EL 390.099
 N=404216.582, E=2582450.232

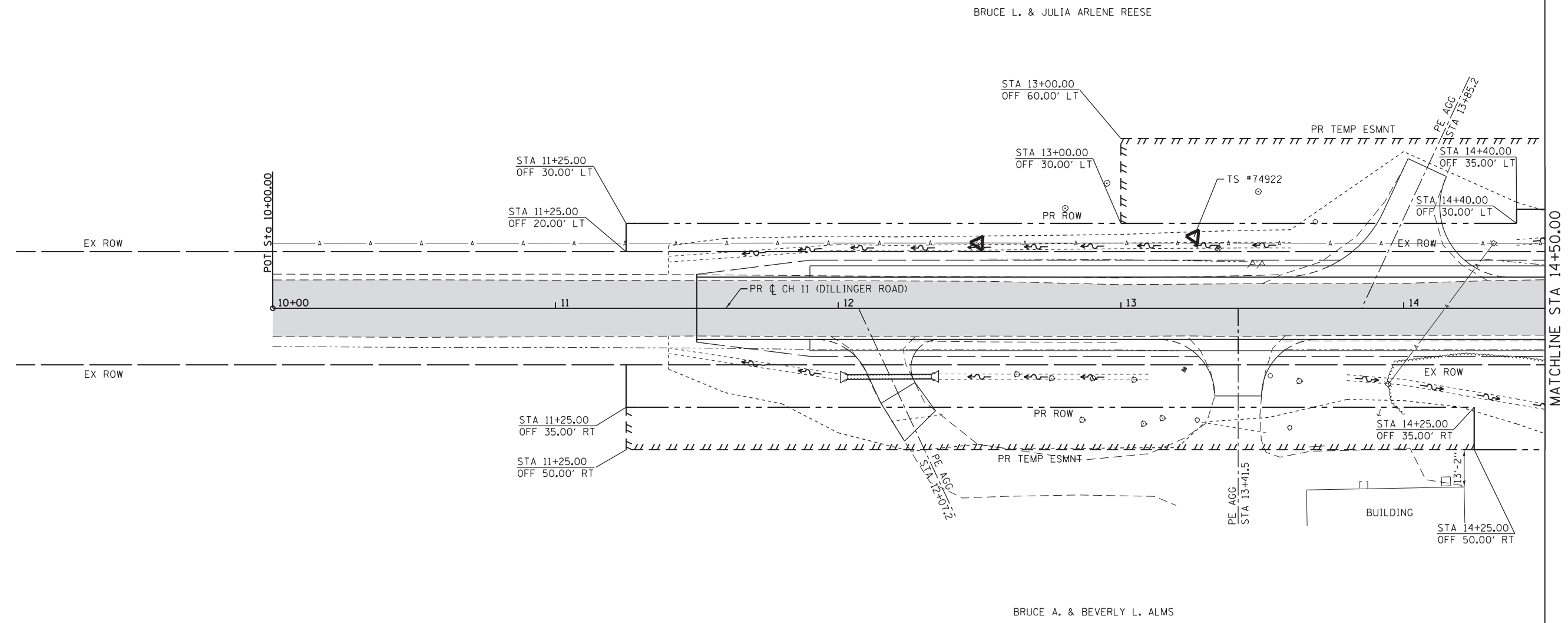
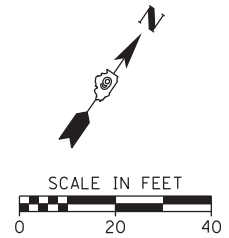
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 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 USER NAME = KSchwierjohn
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 10/18/2018

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
 SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	15
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				



LEGEND	
	APPROXIMATE LIMITS OF CONSTRUCTION
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED DITCH
	EXISTING ROAD
	ESR DELINEATED WETLAND

FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_PLN.1.dgn	DESIGNED -	REVISED -
USER NAME = KSchwierjohn	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 10/18/2018	DATE -	REVISED -

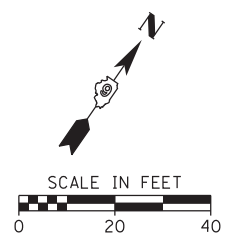
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERALL PLAN

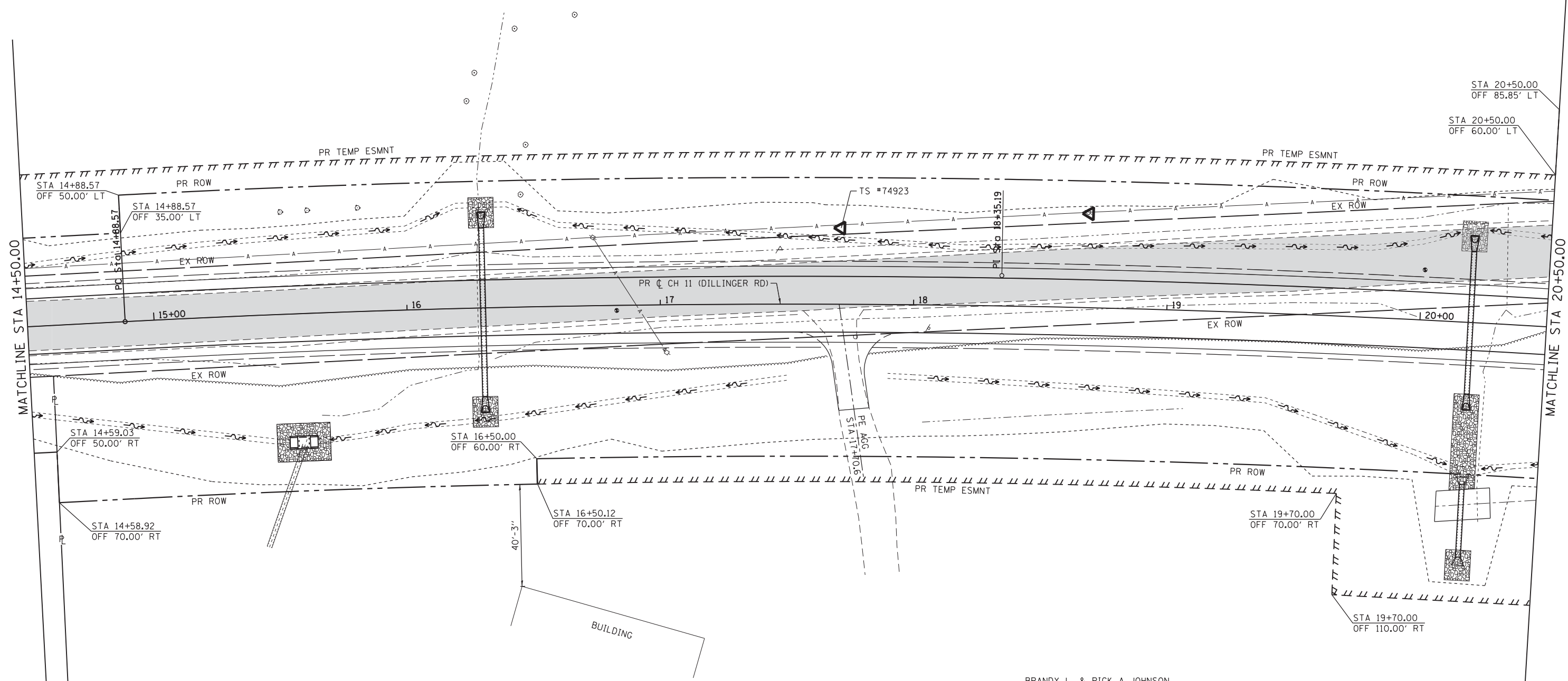
SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	16
CONTRACT NO. 99608				

ILLINOIS FED. AID PROJECT



BRUCE L. & JULIA ARLENE REESE



BRANDY L. & RICK A JOHNSON

LEGEND	
	APPROXIMATE LIMITS OF CONSTRUCTION
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED DITCH
	EXISTING ROAD
	ESR DELINEATED WETLAND

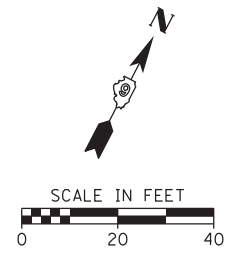
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USER NAME = KSchwierjohn	CHECKED -	REVISED -
PLOT SCALE = 20,0000' / in.	DATE -	REVISED -
PLOT DATE = 10/18/2018		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERALL PLAN

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

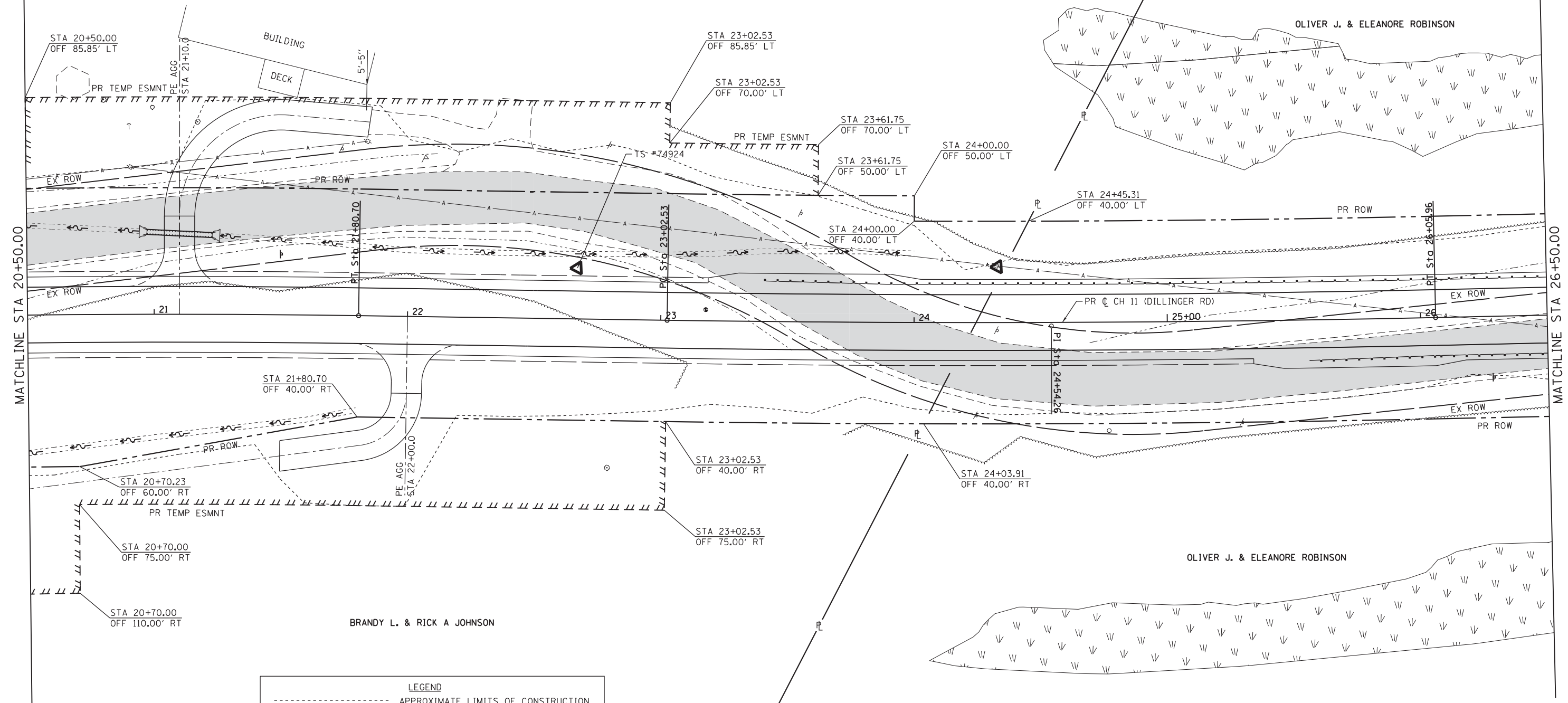
CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	17
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				



BRUCE L. & JULIA ARLENE REESE

OLIVER J. & ELEANORE ROBINSON

BRANDY L. & RICK A JOHNSON



LEGEND	
	APPROXIMATE LIMITS OF CONSTRUCTION
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED DITCH
	EXISTING ROAD
	ESR DELINEATED WETLAND

FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_PLN.3.dgn	DESIGNED -	REVISED -
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USER NAME = KSchwierjohn	CHECKED -	REVISED -
PLOT SCALE = 20,000' / in.	DATE -	REVISED -
PLOT DATE = 10/18/2018		

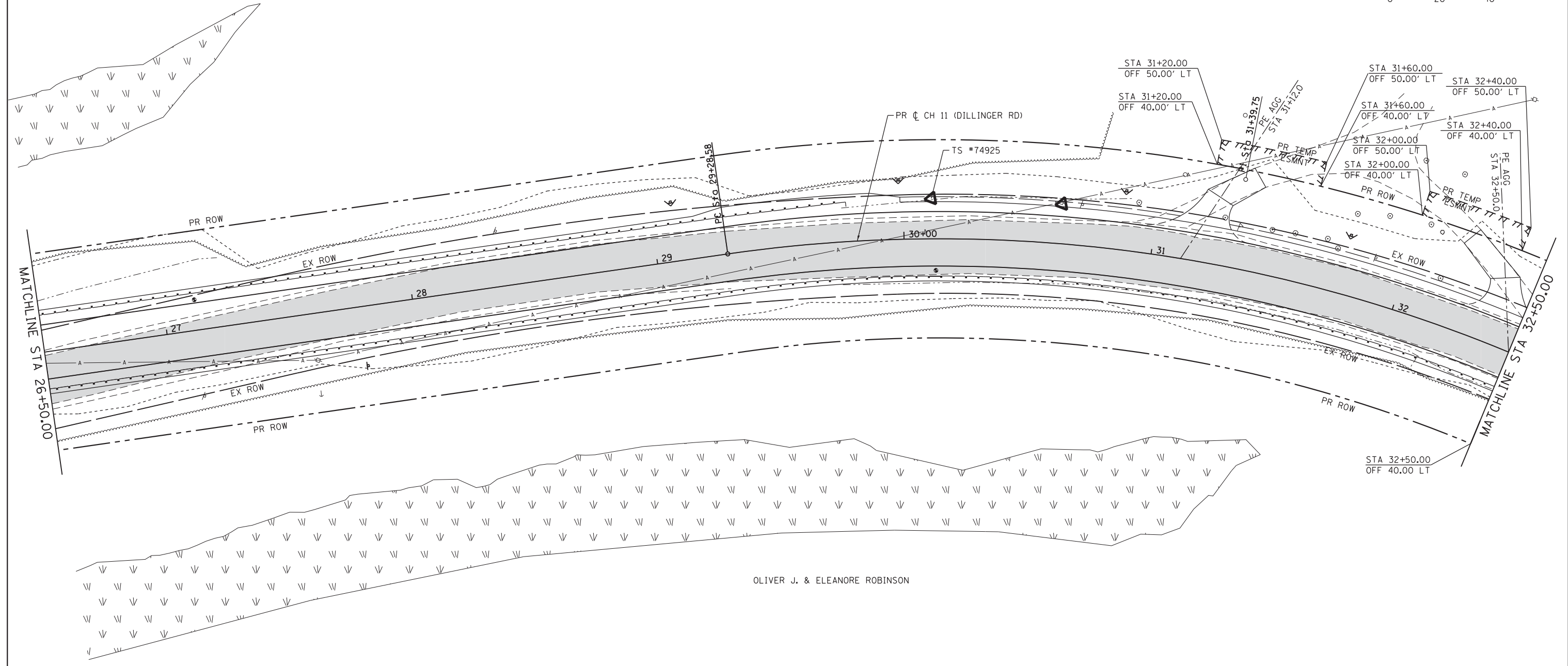
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERALL PLAN

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	18
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

OLIVER J. & ELEANORE ROBINSON



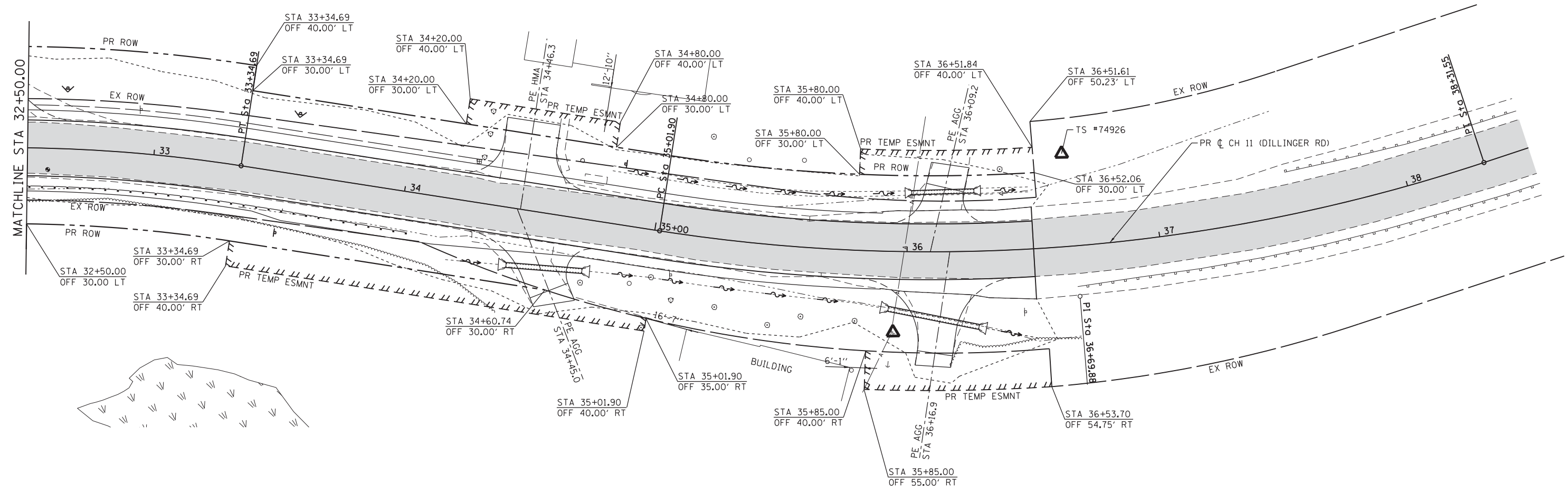
OLIVER J. & ELEANORE ROBINSON

LEGEND	
	APPROXIMATE LIMITS OF CONSTRUCTION
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED DITCH
	EXISTING ROAD
	ESR DELINEATED WETLAND

FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT_PLN.4.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERALL PLAN	CH 11	SECTION 16-00175-00-SP	COUNTY JACKSON	TOTAL SHEETS 109	SHEET NO. 19		
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwier.john	DRAWN -			REVISED -	SCALE:	SHEET 4	OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 99608
PLOT SCALE = 20.0000" / 1"	CHECKED -	REVISED -									ILLINOIS FED. AID PROJECT
PLOT DATE = 10/18/2018	DATE -	REVISED -									



OLIVER J. & ELEANORE ROBINSON



OLIVER J. & ELEANORE ROBINSON

LEGEND	
	APPROXIMATE LIMITS OF CONSTRUCTION
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED DITCH #
	EXISTING ROAD
	ESR DELINEATED WETLAND

FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492_SHT_PLN.5.dgn
 USER NAME = KSchwier.john
 PLOT SCALE = 20,0000 "/>

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

OVERALL PLAN

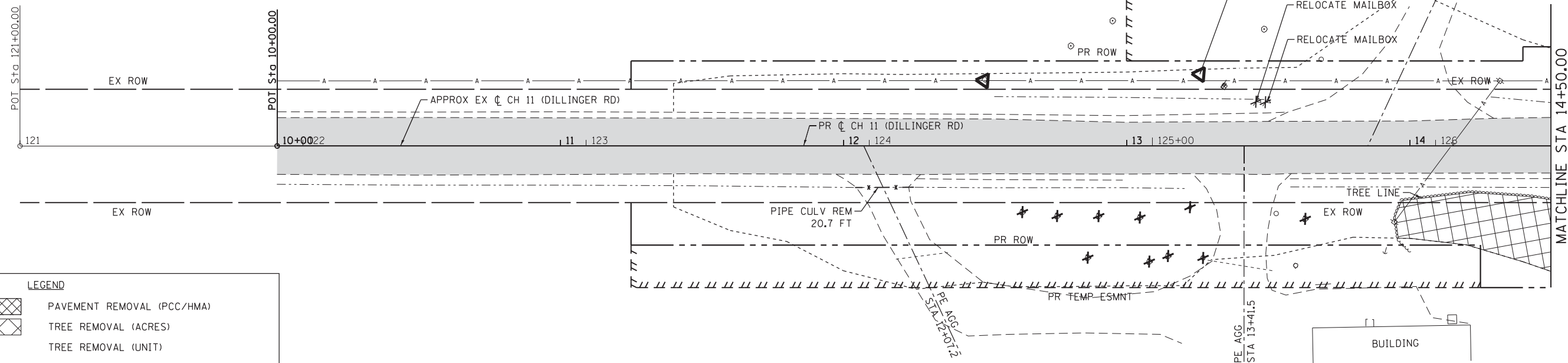
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	20
CONTRACT NO. 99608				

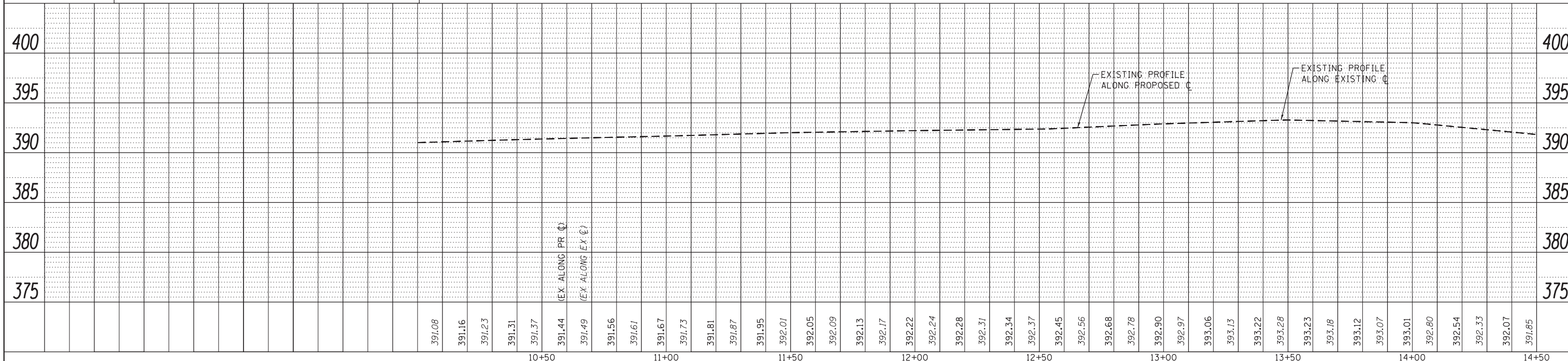
ILLINOIS FED. AID PROJECT

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	CHECKED	
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NOTE BOOK NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
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NOTE BOOK NO.		
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	CHFD	



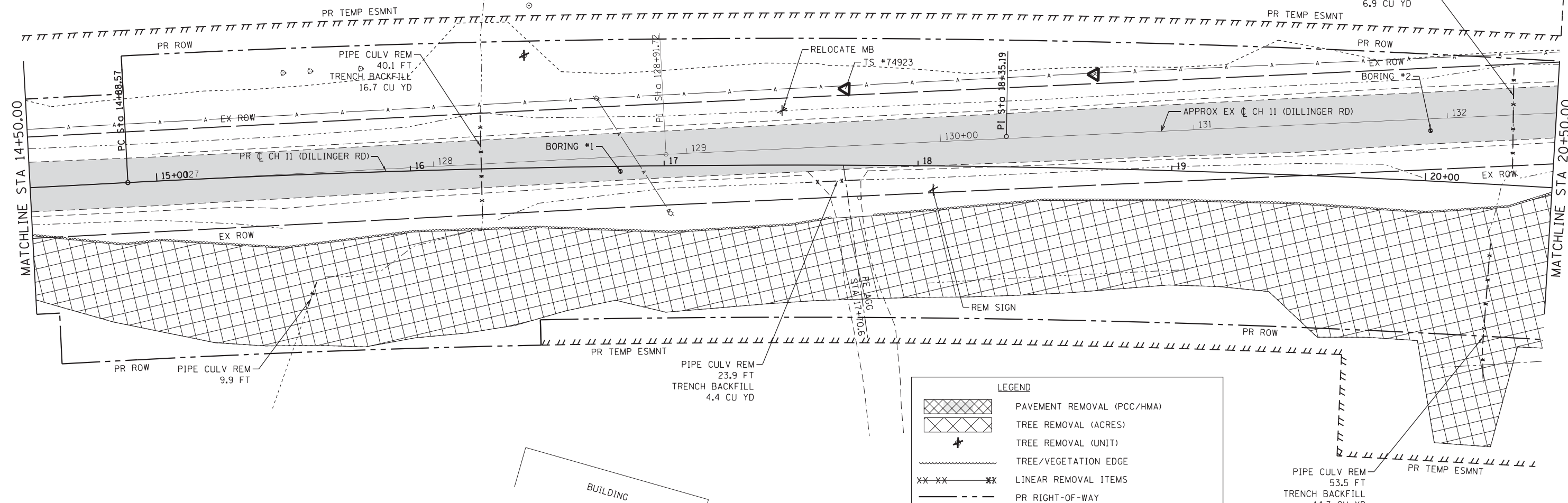
LEGEND	
	PAVEMENT REMOVAL (PCC/HMA)
	TREE REMOVAL (ACRES)
	TREE REMOVAL (UNIT)
	TREE/VEGETATION EDGE
	LINEAR REMOVAL ITEMS
	PR RIGHT-OF-WAY
	PR TEMPORARY EASEMENT
	HMA SURFACE REMOVAL, 2"
	APPROXIMATE LIMITS OF CONSTRUCTION
	EXISTING ROAD



FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_REM_1.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TOPOGRAPHY AND REMOVALS	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwierjohn	DRAWN -			11	16-00175-00-SP	JACKSON	109	21
PLOT SCALE = 20.0000' / 1" =	CHECKED -	REVISED -			CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

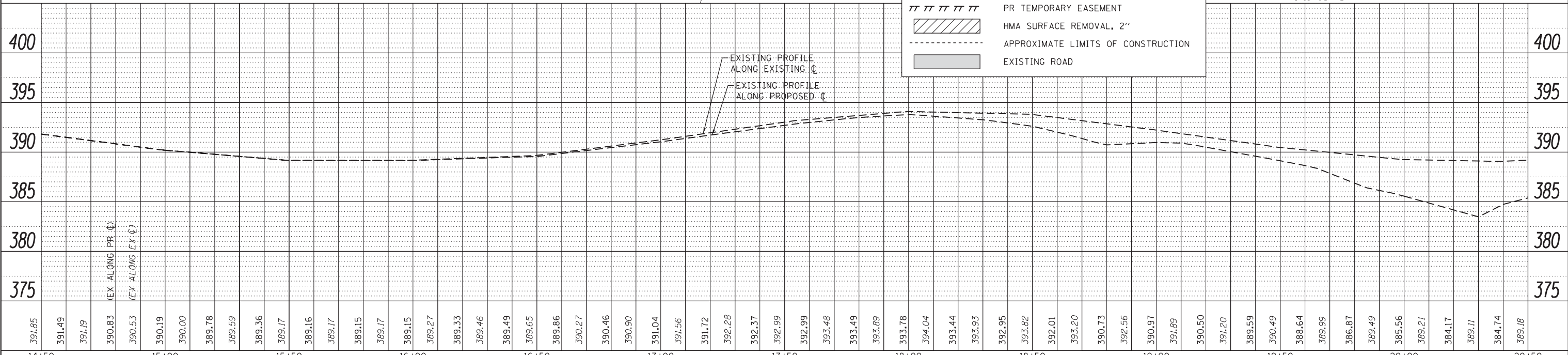
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	PLOTTED	BY
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	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	



LEGEND

- PAVEMENT REMOVAL (PCC/HMA)
- TREE REMOVAL (ACRES)
- TREE REMOVAL (UNIT)
- TREE/VEGETATION EDGE
- LINEAR REMOVAL ITEMS
- PR RIGHT-OF-WAY
- PR TEMPORARY EASEMENT
- HMA SURFACE REMOVAL, 2"
- APPROXIMATE LIMITS OF CONSTRUCTION
- EXISTING ROAD



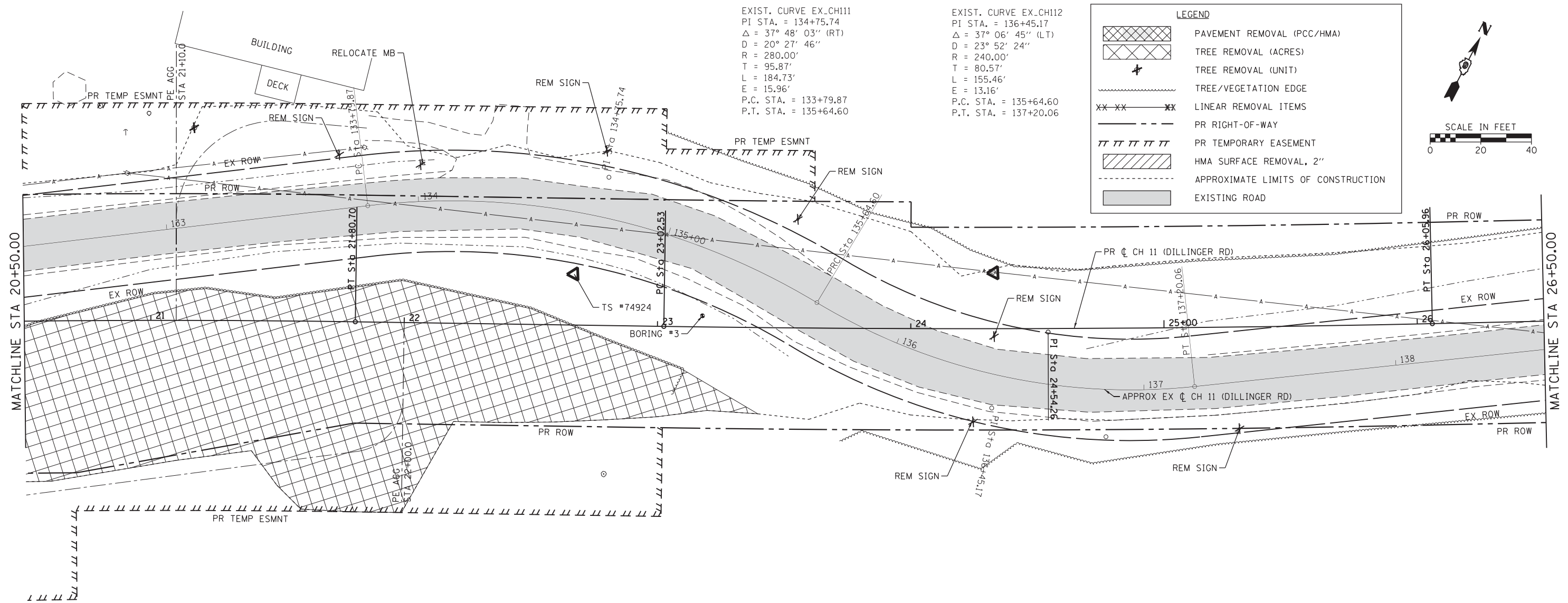
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HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwierjohn	DRAWN -	11	16-00175-00-SP	JACKSON	109	22
PLOT SCALE = 20,0000' / 1"	CHECKED -	REVISED -	CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISED -	ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TOPOGRAPHY AND REMOVALS
SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. TO STA.

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

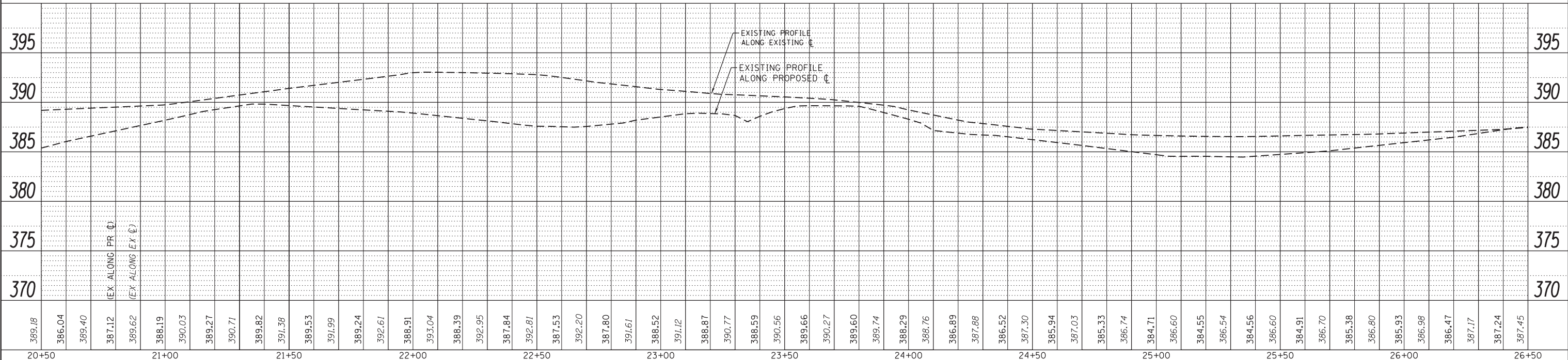
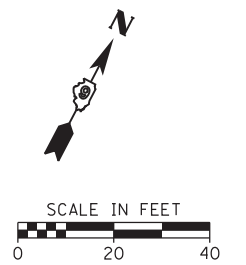


EXIST. CURVE EX_CH11
 PI STA. = 134+75.74
 $\Delta = 37^\circ 48' 03''$ (RT)
 $D = 20^\circ 27' 46''$
 $R = 280.00'$
 $T = 95.87'$
 $L = 184.73'$
 $E = 15.96'$
 P.C. STA. = 133+79.87
 P.T. STA. = 135+64.60

EXIST. CURVE EX_CH12
 PI STA. = 136+45.17
 $\Delta = 37^\circ 06' 45''$ (LT)
 $D = 23^\circ 52' 24''$
 $R = 240.00'$
 $T = 80.57'$
 $L = 155.46'$
 $E = 13.16'$
 P.C. STA. = 135+64.60
 P.T. STA. = 137+20.06

LEGEND

- PAVEMENT REMOVAL (PCC/HMA)
- TREE REMOVAL (ACRES)
- TREE REMOVAL (UNIT)
- TREE/VEGETATION EDGE
- LINEAR REMOVAL ITEMS
- PR RIGHT-OF-WAY
- PR TEMPORARY EASEMENT
- HMA SURFACE REMOVAL, 2"
- APPROXIMATE LIMITS OF CONSTRUCTION
- EXISTING ROAD



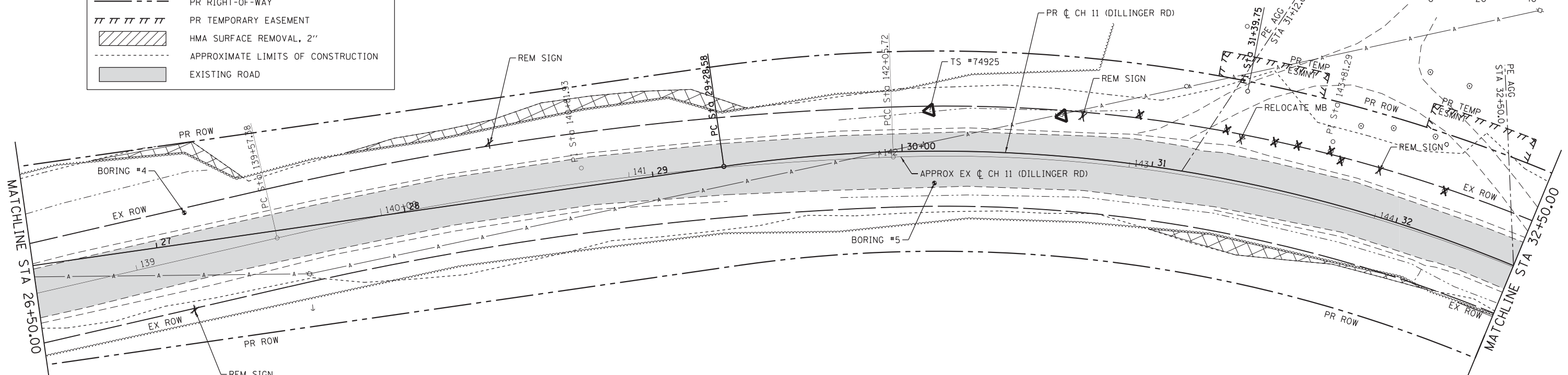
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HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwier.john	DRAWN -			11	16-00175-00-SP	JACKSON	109	23
PLOT SCALE = 20,0000' / 1" =	CHECKED -	REVISED -			CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

LEGEND	
	PAVEMENT REMOVAL (PCC/HMA)
	TREE REMOVAL (ACRES)
	TREE REMOVAL (UNIT)
	TREE/VEGETATION EDGE
	LINEAR REMOVAL ITEMS
	PR RIGHT-OF-WAY
	PR TEMPORARY EASEMENT
	HMA SURFACE REMOVAL, 2"
	APPROXIMATE LIMITS OF CONSTRUCTION
	EXISTING ROAD



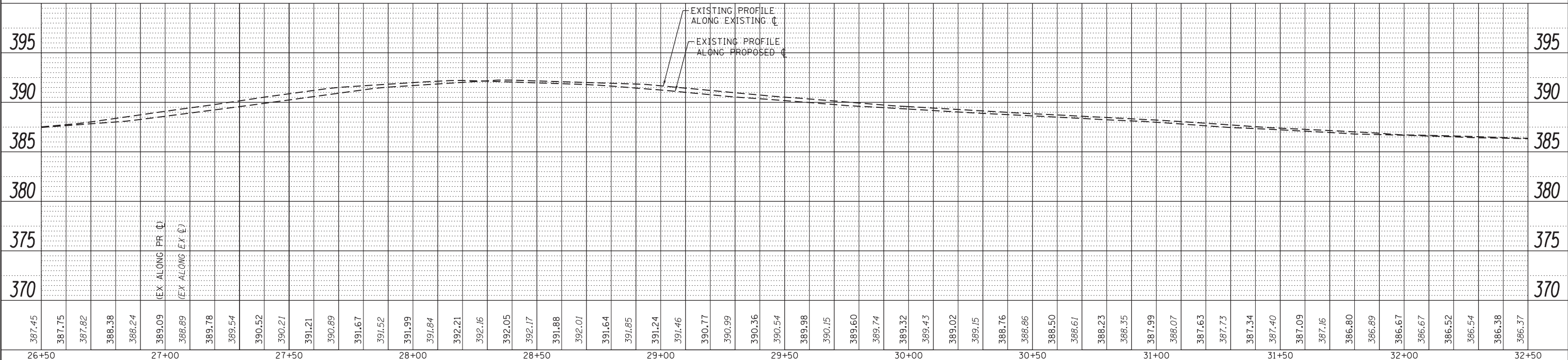
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	PLOTTED	
	CHECKED	
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	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	



EXIST. CURVE EX_CH113
 PI STA. = 140+81.93
 $\Delta = 10^\circ 56' 43''$ (RT)
 D = 4' 24' 27"
 R = 1,300.00'
 T = 124.55'
 L = 248.34'
 E = 5.95'
 P.C. STA. = 139+57.38
 P.T. STA. = 142+05.72

EXIST. CURVE EX_CH114
 PI STA. = 143+81.29
 $\Delta = 32^\circ 37' 14''$ (RT)
 D = 9' 32' 57"
 R = 600.00'
 T = 175.57'
 L = 341.60'
 E = 25.16'
 P.C. STA. = 142+05.72
 P.T. STA. = 145+47.32



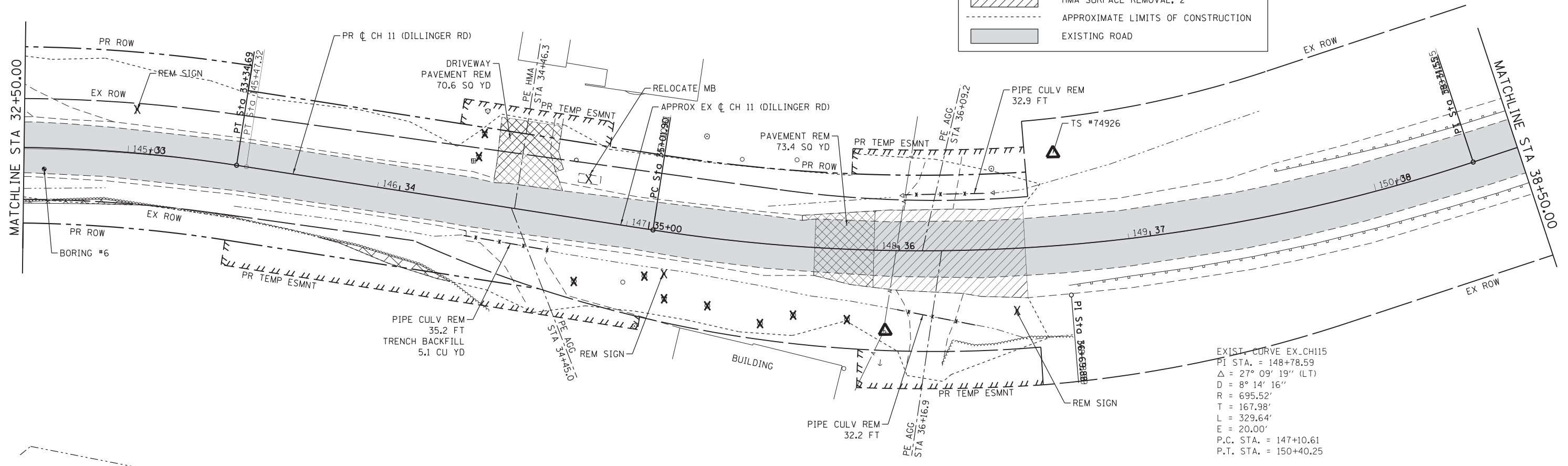
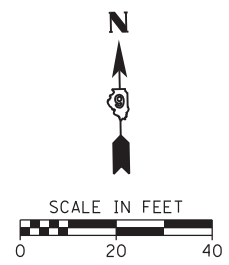
FILE NAME = H:\7492_JacksonCounty_DillingRd\CADD_Sheets\7492_SHT_REM_4.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TOPOGRAPHY AND REMOVALS	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwier_john	DRAWN -			11	16-00175-00-SP	JACKSON	109	24
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE CHECKED		
	NOTATIS CHFD		
	NO.		

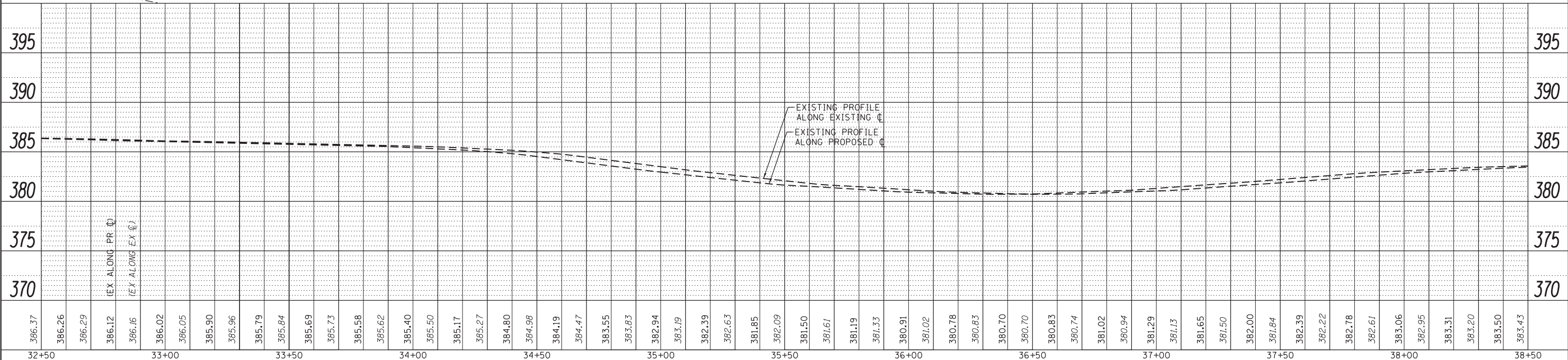
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE CHECKED		
	NOTATIS CHFD		
	NO.		

LEGEND

- PAVEMENT REMOVAL (PCC/HMA)
- TREE REMOVAL (ACRES)
- TREE REMOVAL (UNIT)
- TREE/VEGETATION EDGE
- LINEAR REMOVAL ITEMS
- PR RIGHT-OF-WAY
- PR TEMPORARY EASEMENT
- HMA SURFACE REMOVAL, 2"
- APPROXIMATE LIMITS OF CONSTRUCTION
- EXISTING ROAD



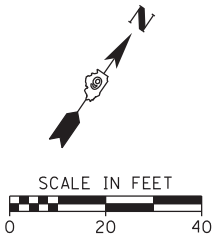
EXIST. CURVE EX-CH115
 PI STA. = 148+78.59
 $\Delta = 27^\circ 09' 19''$ (LT)
 $D = 8^\circ 14' 16''$
 $R = 695.52'$
 $T = 167.98'$
 $L = 329.64'$
 $E = 20.00'$
 P.C. STA. = 147+10.61
 P.T. STA. = 150+40.25



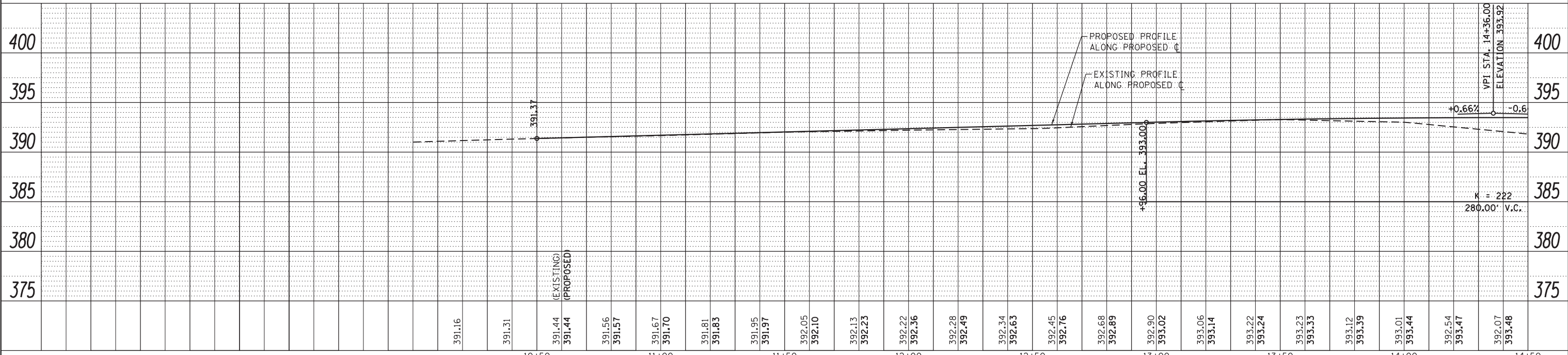
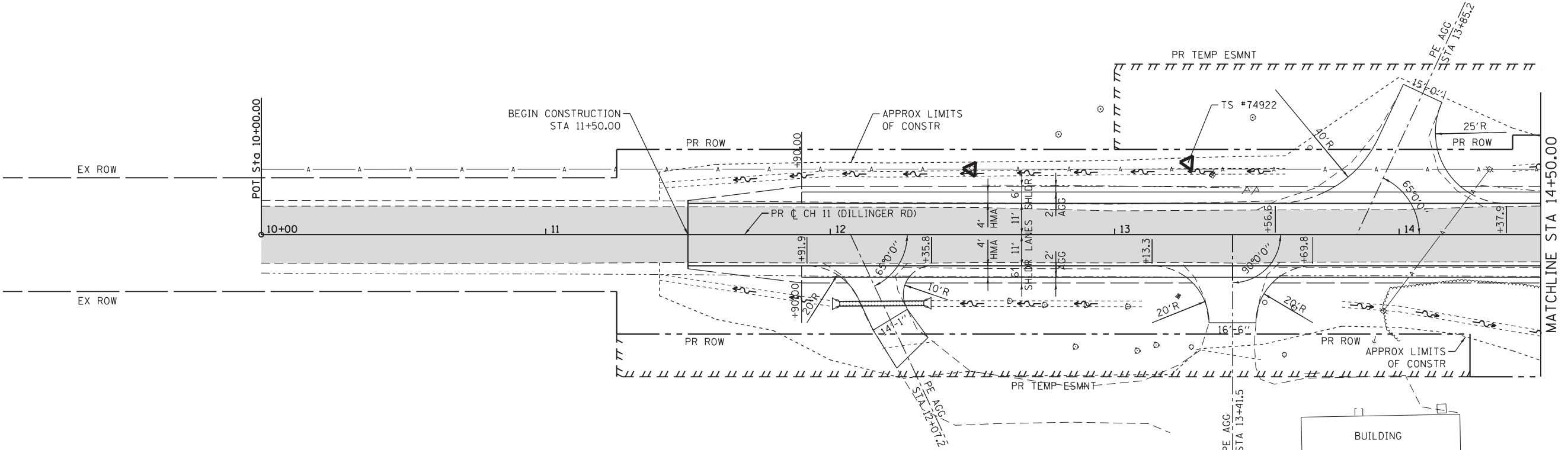
FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_REM_5.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TOPOGRAPHY AND REMOVALS	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwierjohn	DRAWN -			11	16-00175-00-SP	JACKSON	109	25
PLOT SCALE = 20,0000 "/> <td>CHECKED -</td> <td>REVISED -</td> <td colspan="5" style="text-align: center;">CONTRACT NO. 99608</td>	CHECKED -	REVISED -			CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
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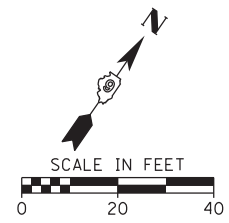
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	



LEGEND	
-----	APPROXIMATE LIMITS OF CONSTRUCTION
-----	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
- - - -	PROPOSED DITCH
█	EXISTING ROAD

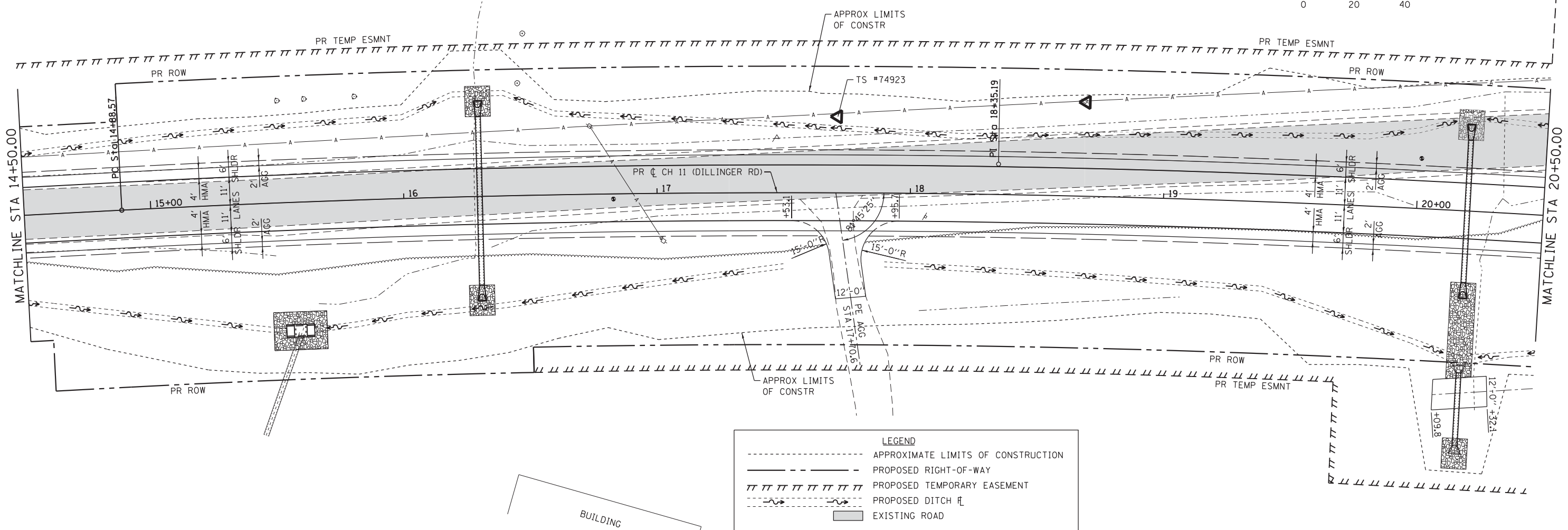


FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_PLNPRF_1.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	DRAWN -	REVISED -			11	16-00175-00-SP	JACKSON	109	26
USER NAME = KSchwierjohn	CHECKED -	REVISED -			CONTRACT NO. 99608				
PLOT SCALE = 20.0000 "/> <td>DATE -</td> <td>REVISED -</td> <td colspan="5" style="text-align: center;">ILLINOIS FED. AID PROJECT</td>	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

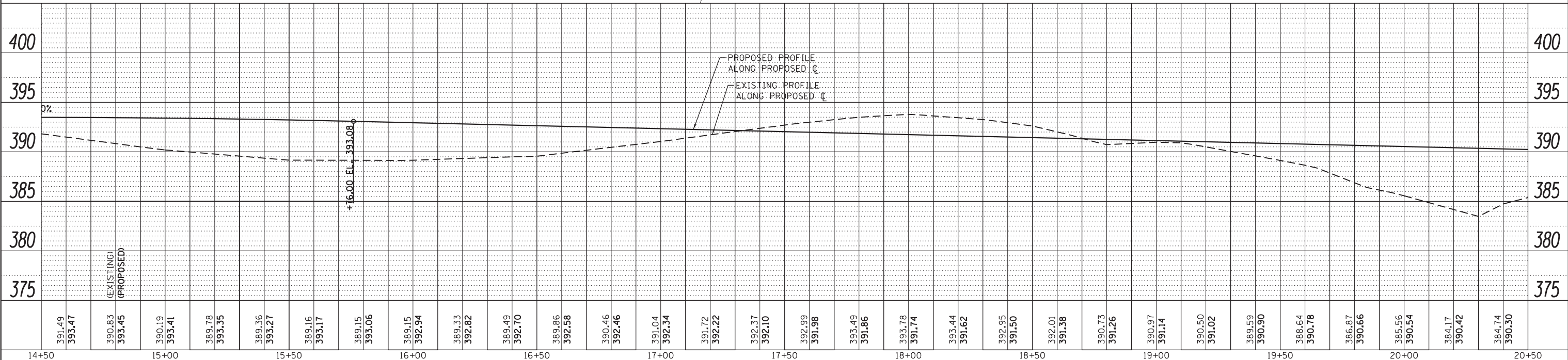


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHFD		
	NO.		



LEGEND	
---	APPROXIMATE LIMITS OF CONSTRUCTION
- - - -	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
- - - -	PROPOSED DITCH FL
▭	EXISTING ROAD



FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_PLNPRF_2.dgn	DESIGNED -	REVISED -	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwierjohn	DRAWN -	11	16-00175-00-SP	JACKSON	109	27
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISED -	ILLINOIS FED. AID PROJECT				

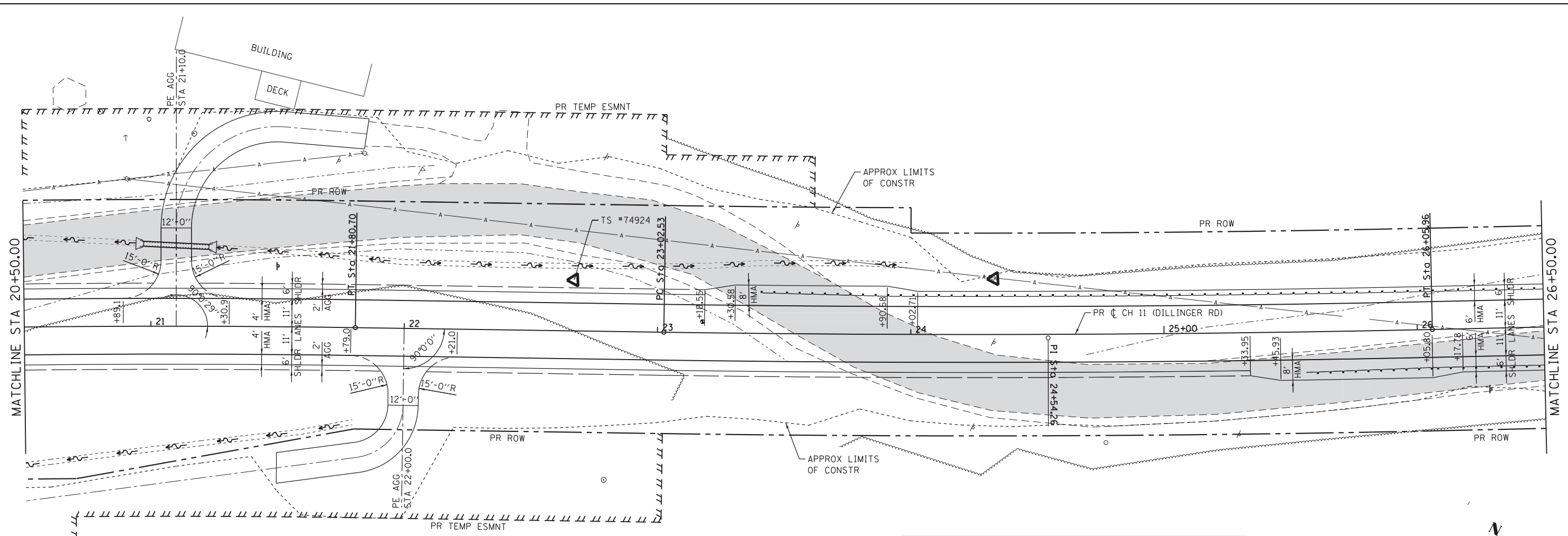
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

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

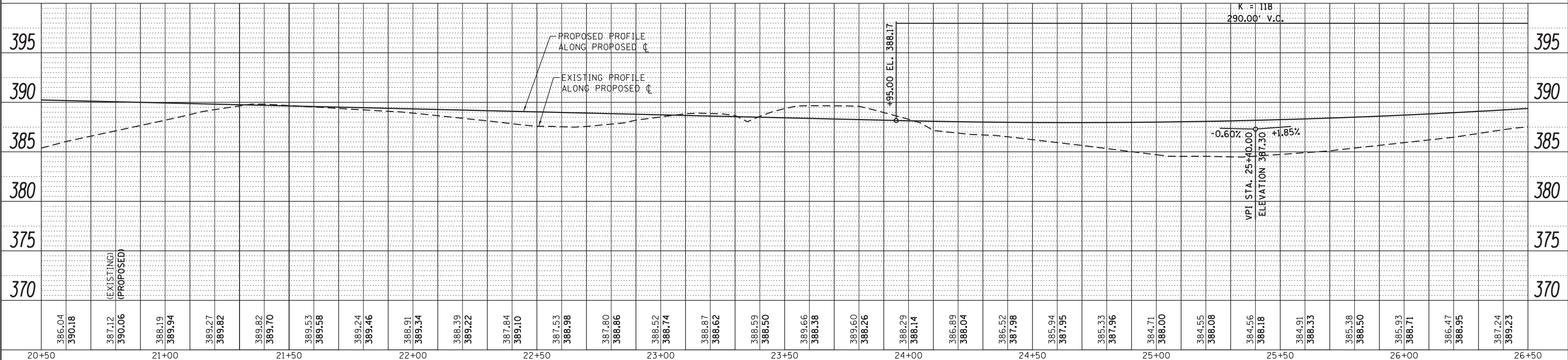
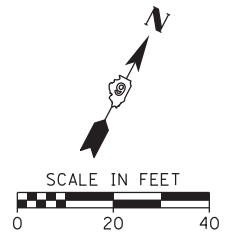
PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE CHECKED	
	CADD FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE CHECKED	
	NOTATION CHKD	
	NO.	



LEGEND

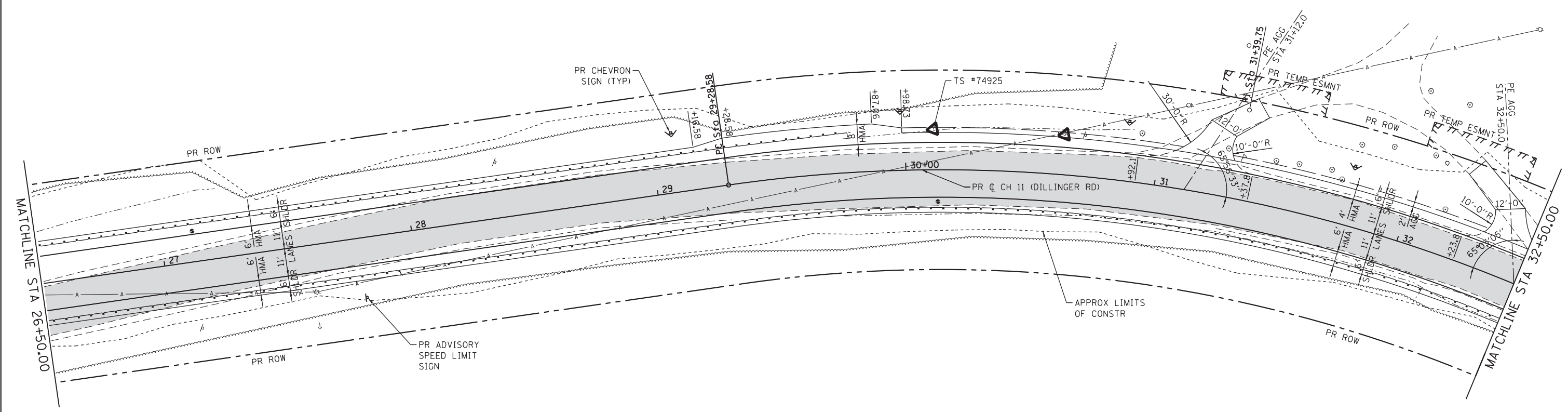
- APPROXIMATE LIMITS OF CONSTRUCTION
- - - PROPOSED RIGHT-OF-WAY
- ||||| PROPOSED TEMPORARY EASEMENT
- - - - - PROPOSED DITCH
- █ EXISTING ROAD



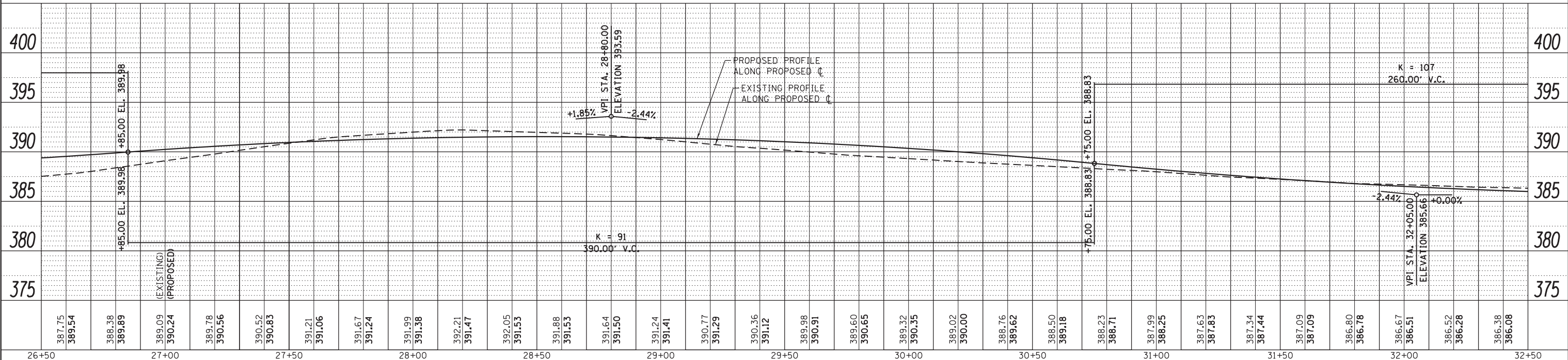
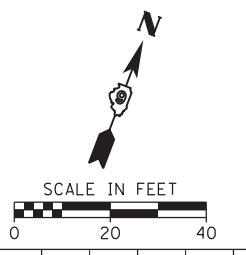
FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_PLNPRF_3.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	DRAWN -	REVISED -			11	16-00175-00-SP	JACKSON	109	28
USER NAME = KSchwierjohn	CHECKED -	REVISED -			CONTRACT NO. 99608				
PLOT SCALE = 20.0000' / 1"	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/18/2018			SCALE: 1"=20'	SHEET 3 OF 5 SHEETS	STA.	TO STA.			

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

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



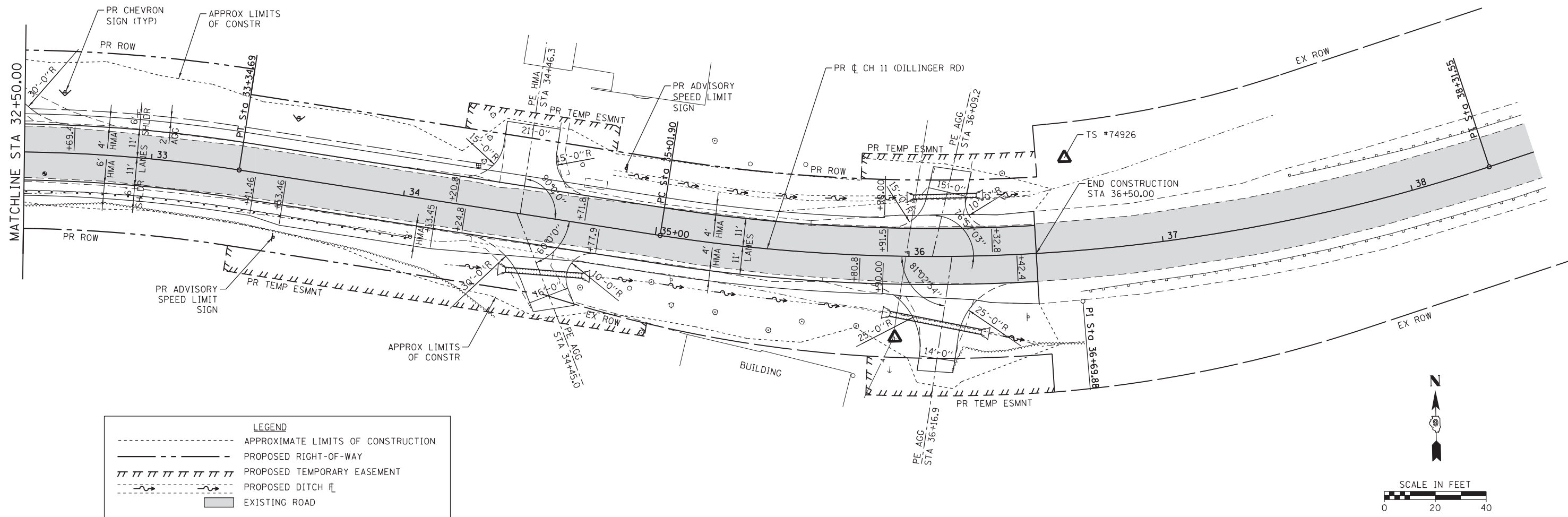
LEGEND	
---	APPROXIMATE LIMITS OF CONSTRUCTION
- - - - -	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
- - - - -	PROPOSED DITCH
▒	EXISTING ROAD



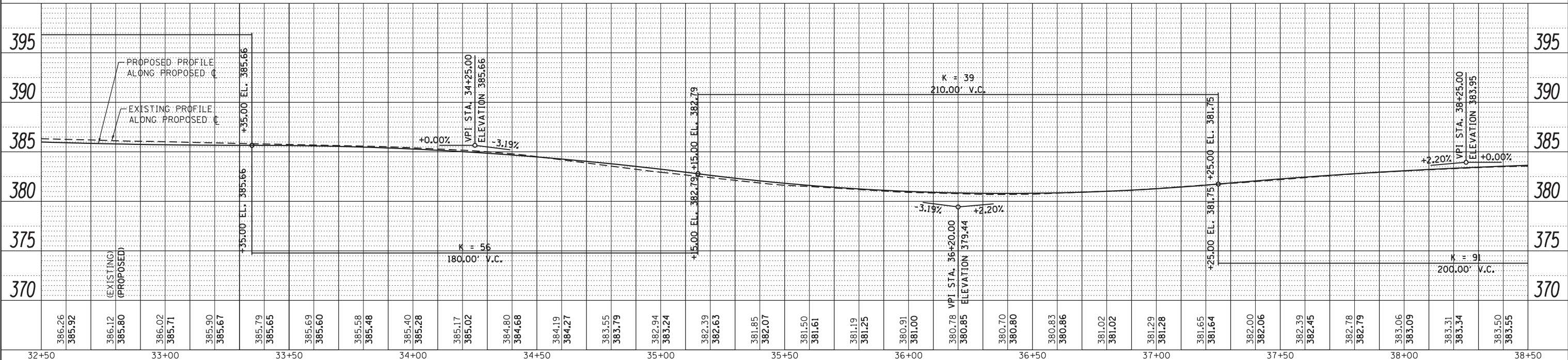
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HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET 4	OF 5 SHEETS	STA.	TO STA.	JACKSON	109	29
USER NAME = KSchwierjohn	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT		CONTRACT NO. 99608					
PLOT SCALE = 20.0000 "/> <td>DATE -</td> <td>REVISED -</td> <td colspan="8"></td>	DATE -	REVISED -									

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO.	



LEGEND	
---	APPROXIMATE LIMITS OF CONSTRUCTION
- - - - -	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
- - - - -	PROPOSED DITCH
▭	EXISTING ROAD

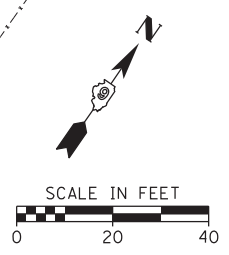


FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_PLNPRF_5.dgn	DESIGNED -	REVISED -	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwierjohn	DRAWN -	11	16-00175-00-SP	JACKSON	109	30
PLOT SCALE = 20,0000' / 1"	CHECKED -	REVISED -	CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISED -	ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

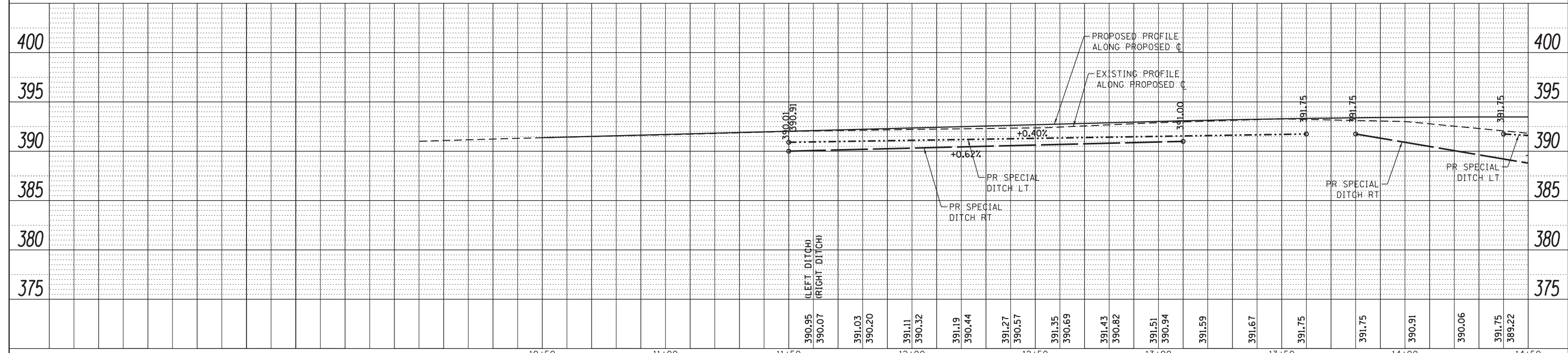
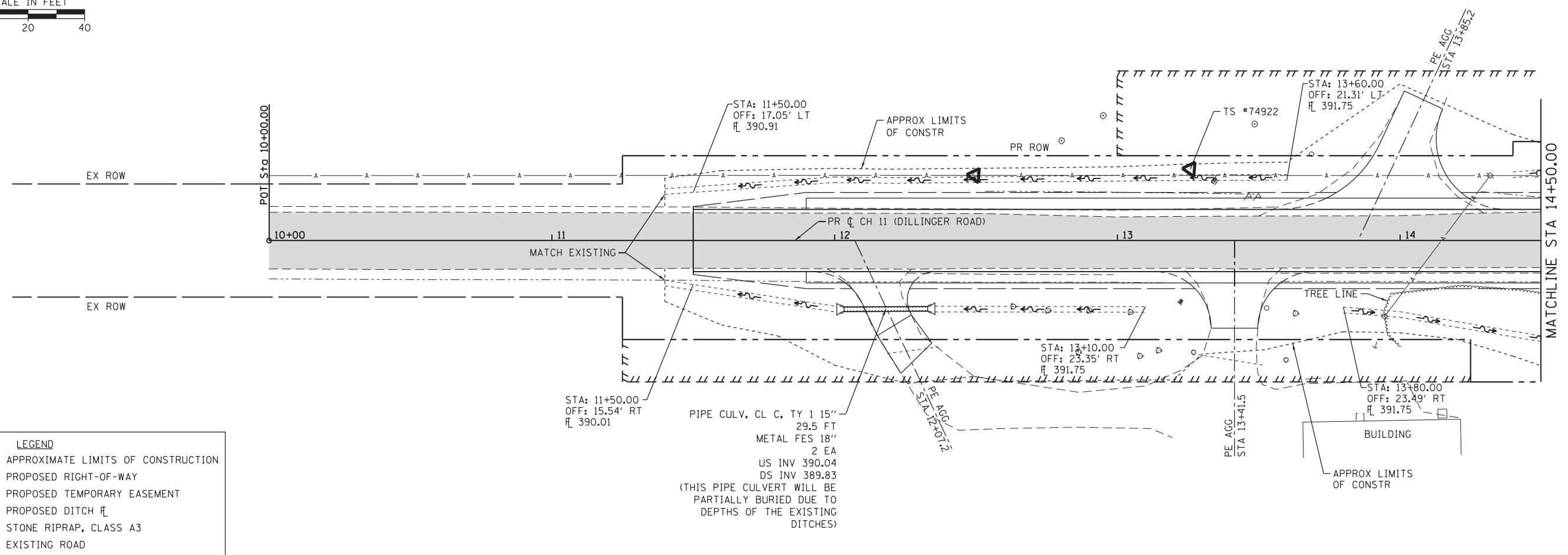
SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. TO STA.



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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
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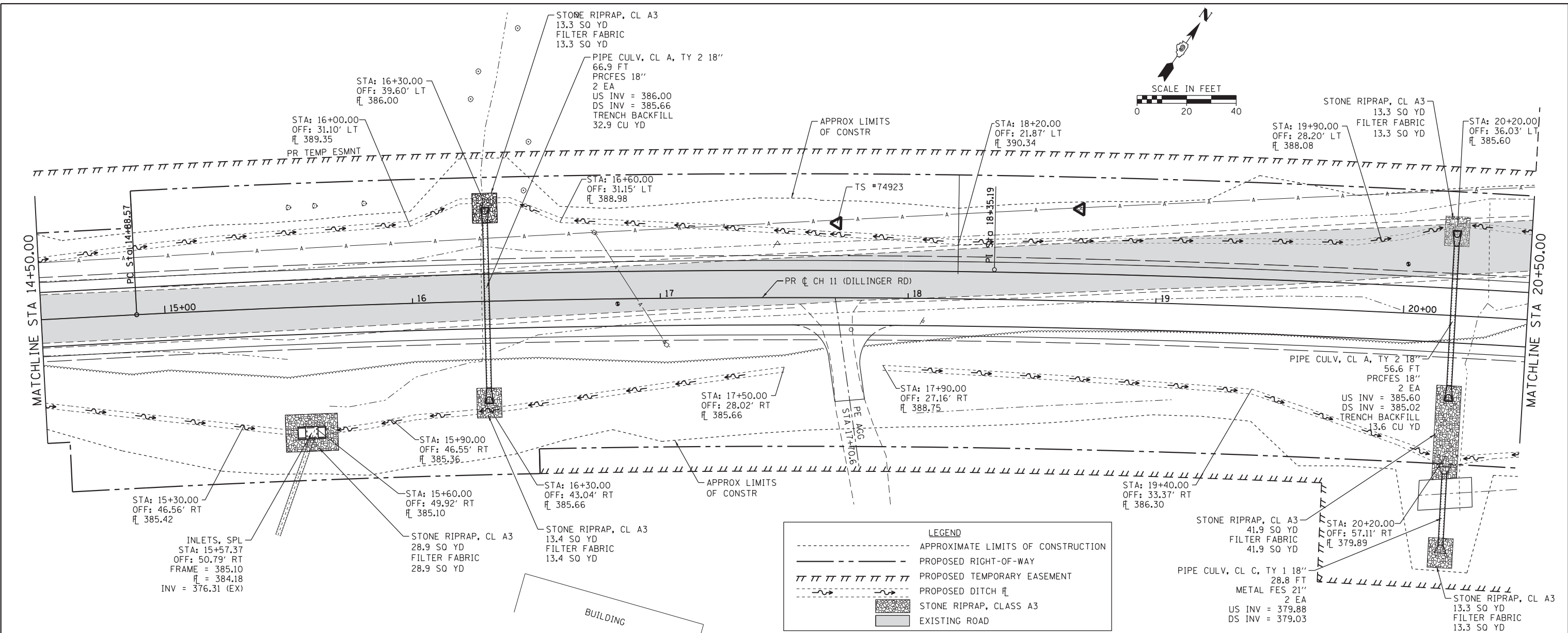
LEGEND	
	APPROXIMATE LIMITS OF CONSTRUCTION
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED DITCH
	STONE RIPRAP, CLASS A3
	EXISTING ROAD



FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_DRAIN_1.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE		CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwier.john	DRAWN -		REVISED -	11	16-00175-00-SP	JACKSON	109	31	
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -		SCALE: 1"=20'	SHEET 1 OF 5 SHEETS	STA.	TO STA.		CONTRACT NO. 99608	
PLOT DATE = 10/18/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

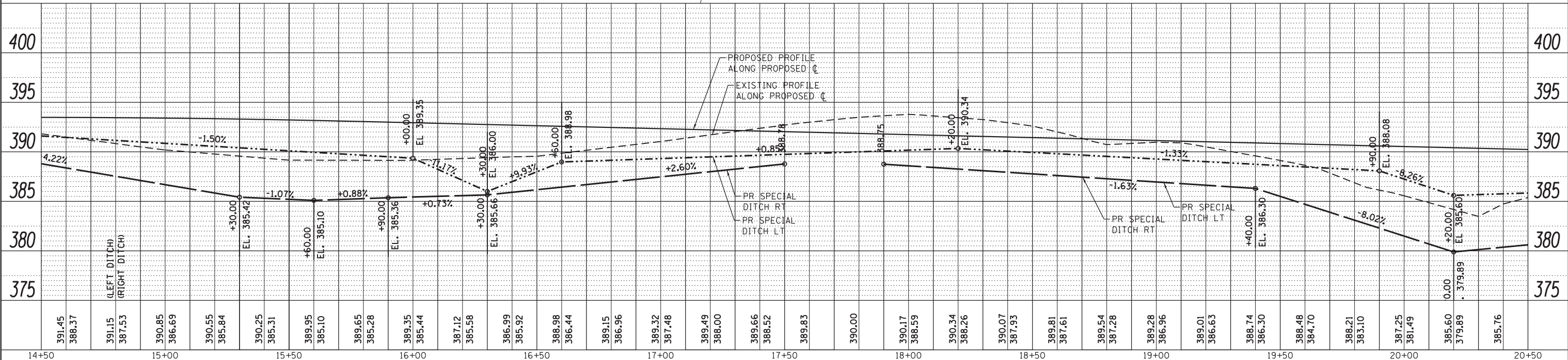
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	PLOTTED		
	CHECKED		
	ALIGNED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHFD		
	NO.		



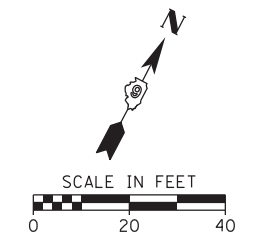
LEGEND

- APPROXIMATE LIMITS OF CONSTRUCTION
- PROPOSED RIGHT-OF-WAY
- ||||| PROPOSED TEMPORARY EASEMENT
- - - - - PROPOSED DITCH
- STONE RIPRAP, CLASS A3
- EXISTING ROAD



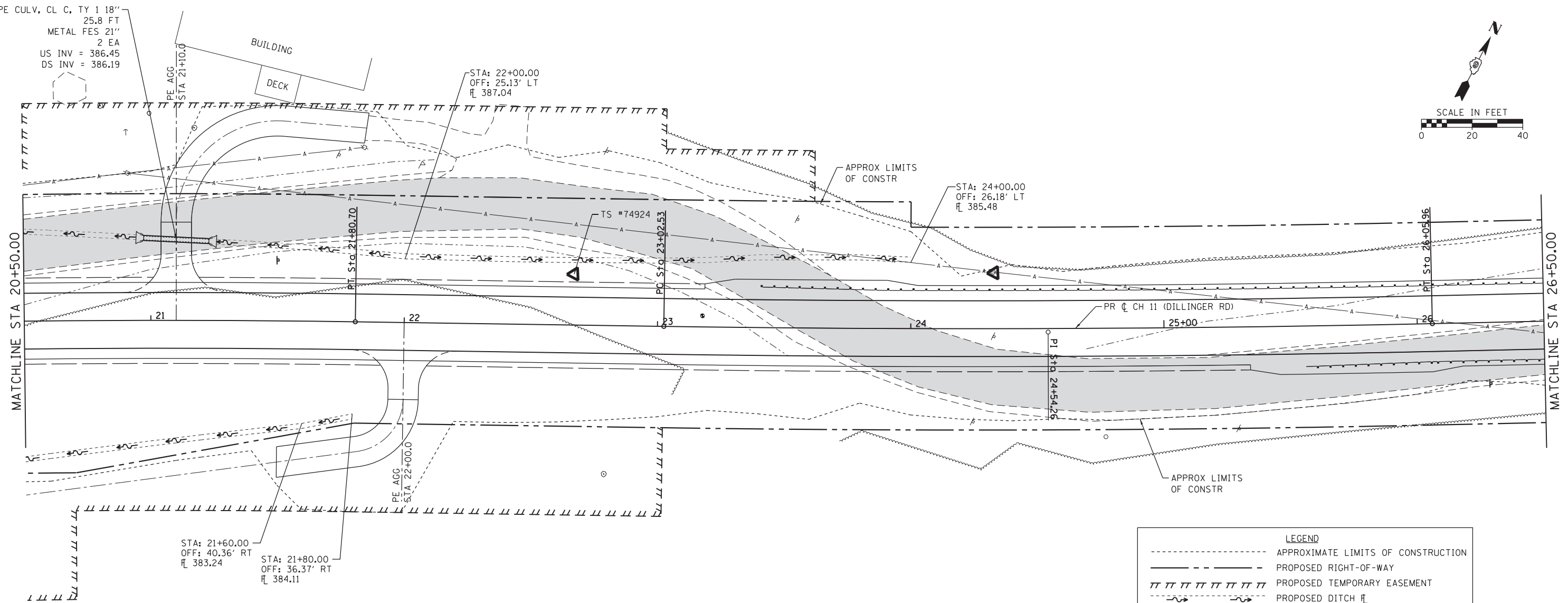
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HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	DRAWN -	REVISED -			11	16-00175-00-SP	JACKSON	109	32
USER NAME = KSchwierjohn	CHECKED -	REVISED -			CONTRACT NO. 99608				
PLOT SCALE = 20.0000' / 1" /	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

PIPE CULV, CL C, TY 1 18"
25.8 FT
METAL FES 21"
2 EA
US INV = 386.45
DS INV = 386.19

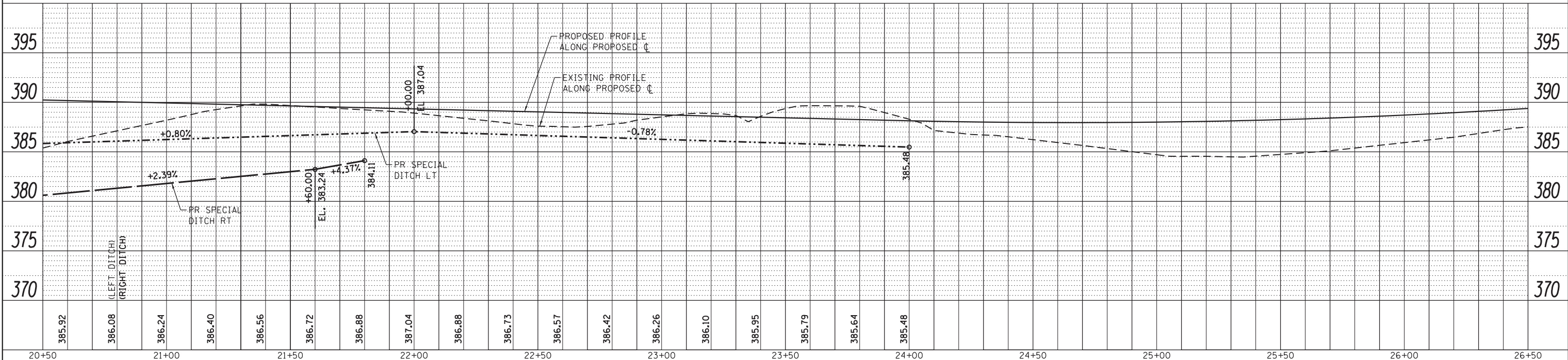


PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

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



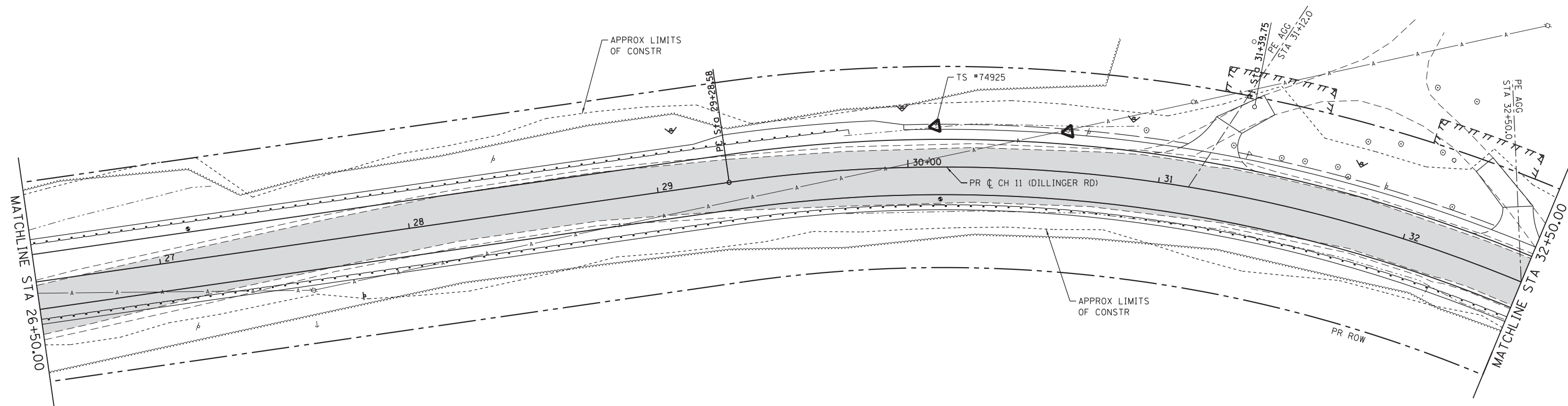
LEGEND	
---	APPROXIMATE LIMITS OF CONSTRUCTION
---	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
- - - -	PROPOSED DITCH
▒	STONE RIPRAP, CLASS A3
■	EXISTING ROAD



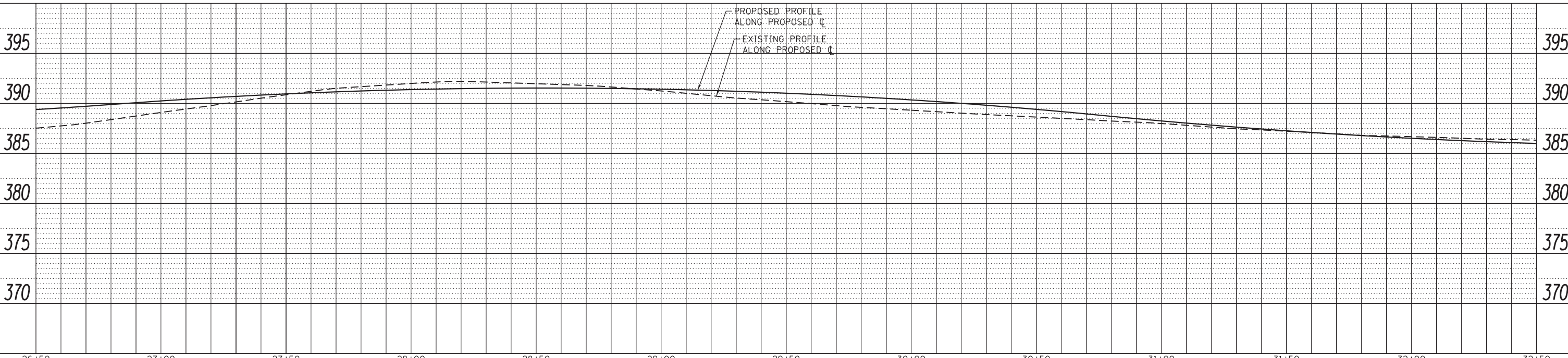
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HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwierjohn	DRAWN -			11	16-00175-00-SP	JACKSON	109	33
PLOT SCALE = 20,0000 "/> <td>CHECKED -</td> <td>REVISED -</td> <td colspan="3">CONTRACT NO. 99608</td>	CHECKED -	REVISED -			CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	FILE NAME	
	NO.	



LEGEND	
---	APPROXIMATE LIMITS OF CONSTRUCTION
---	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
- - - - -	PROPOSED DITCH
▨	STONE RIPRAP, CLASS A3
■	EXISTING ROAD



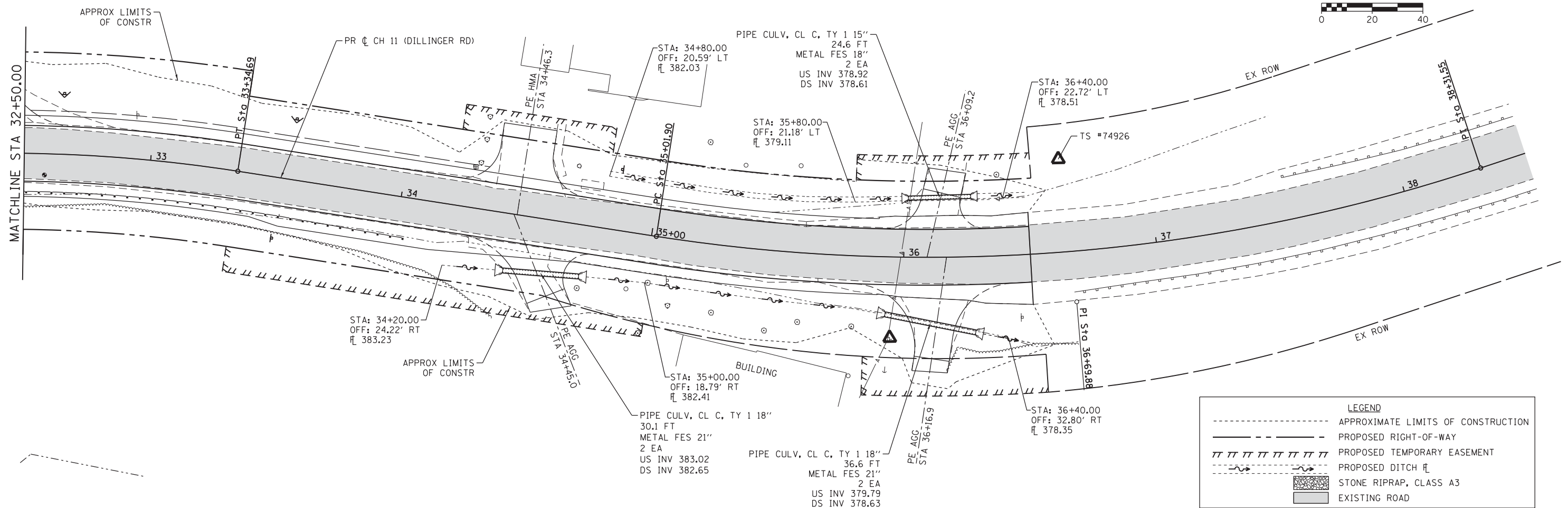
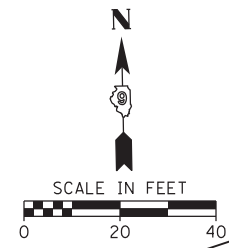
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HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	DRAWN -	REVISED -	11	16-00175-00-SP	JACKSON	109	34
USER NAME = KSchwierjohn	CHECKED -	REVISED -	CONTRACT NO. 99608				
PLOT SCALE = 20,0000' / in.	DATE -	REVISED -	ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/18/2018			SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. TO STA.				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

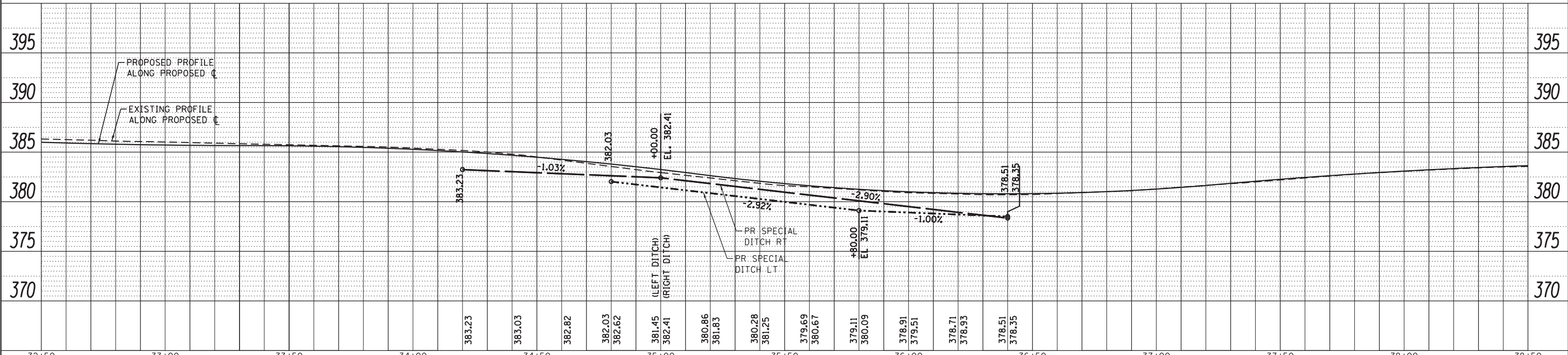
DRAINAGE PLAN AND PROFILE

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	



LEGEND	
---	APPROXIMATE LIMITS OF CONSTRUCTION
---	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
- - -	PROPOSED DITCH
▨	STONE RIPRAP, CLASS A3
▩	EXISTING ROAD

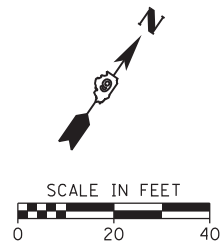


FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_DRAIN_5.dgn	DESIGNED -	REVISED -	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwierjohn	DRAWN -	11	16-00175-00-SP	JACKSON	109	35
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISED -	ILLINOIS FED. AID PROJECT				

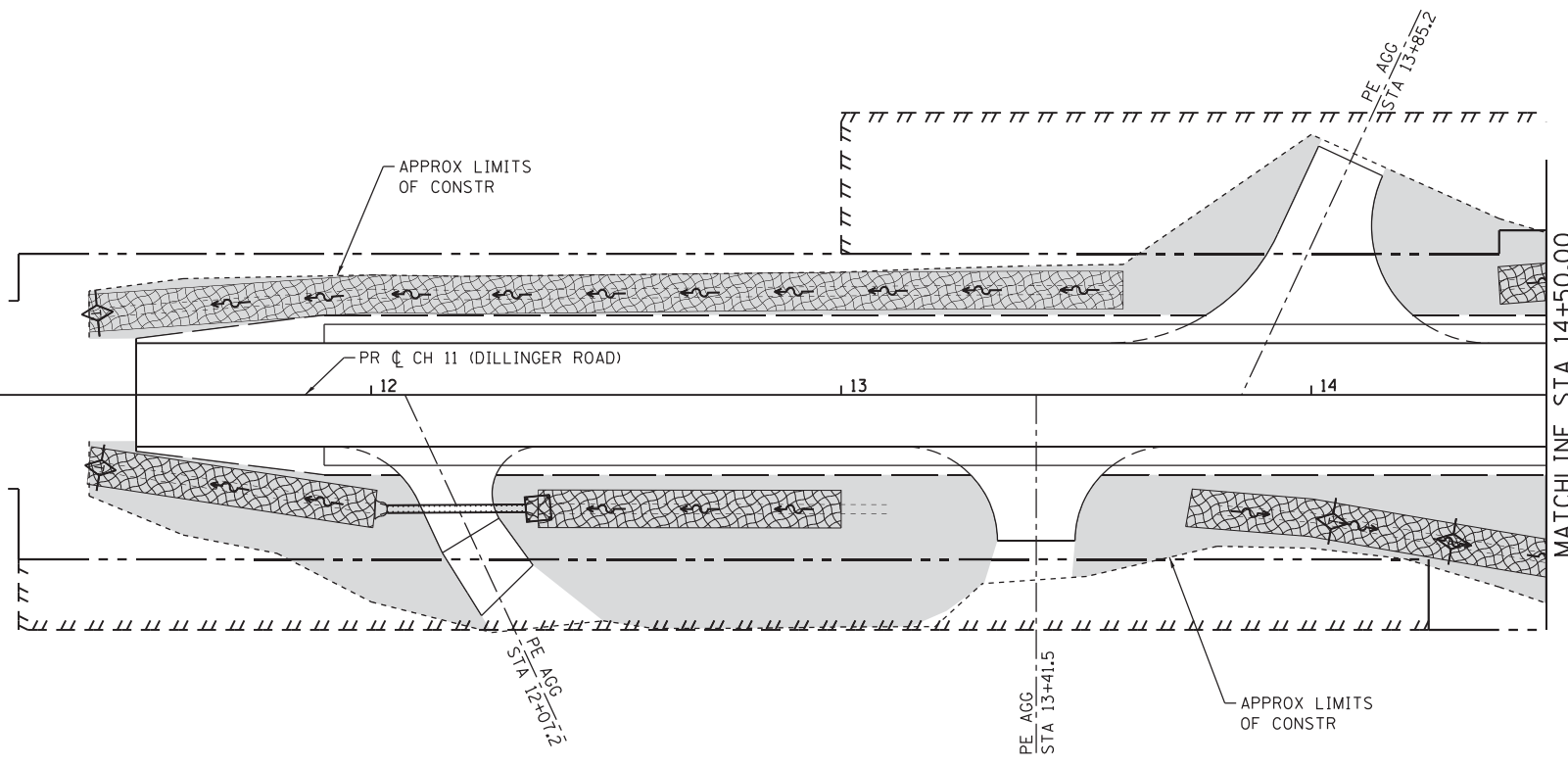
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE PLAN AND PROFILE

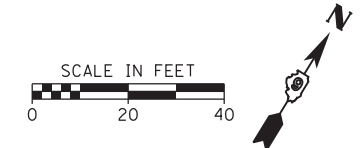
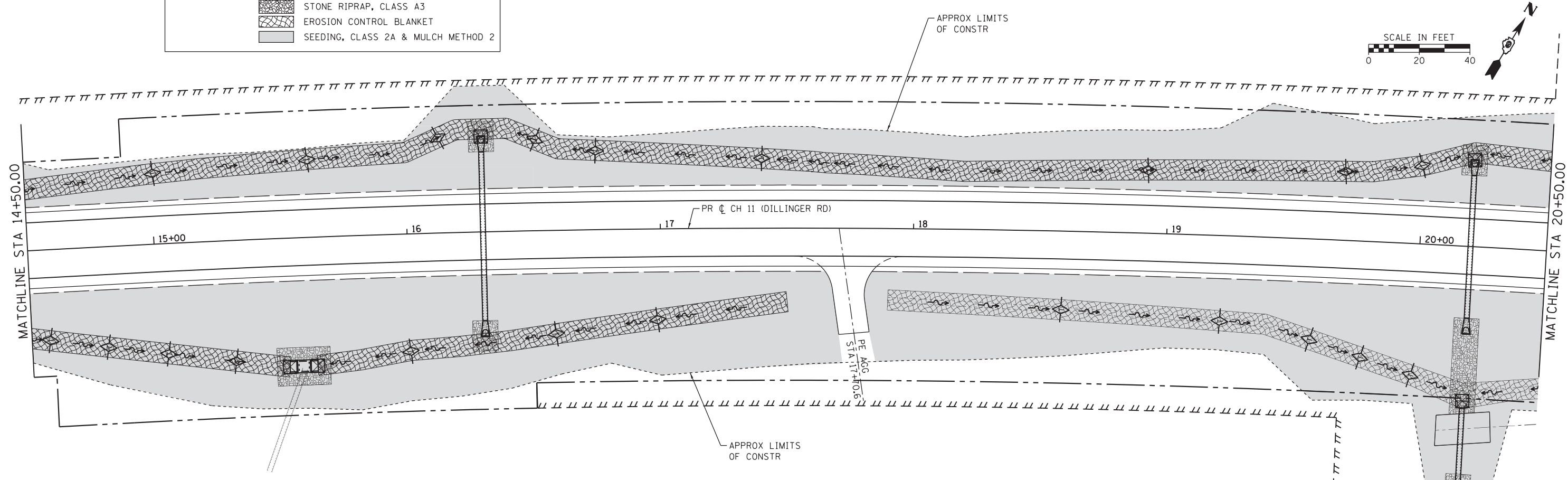
SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. TO STA.



SCALE IN FEET
0 20 40



LEGEND	
---	APPROXIMATE LIMITS OF CONSTRUCTION
---	EXISTING RIGHT-OF-WAY
---	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
---	PERIMETER EROSION BARRIER
---	PROPOSED DITCH
◇	TEMPORARY DITCH CHECK
▨	STONE RIPRAP, CLASS A3
▩	EROSION CONTROL BLANKET
■	SEEDING, CLASS 2A & MULCH METHOD 2



SCALE IN FEET
0 20 40

FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_EROS.L.dgn
 USER NAME = KSchwier.john
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 10/18/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

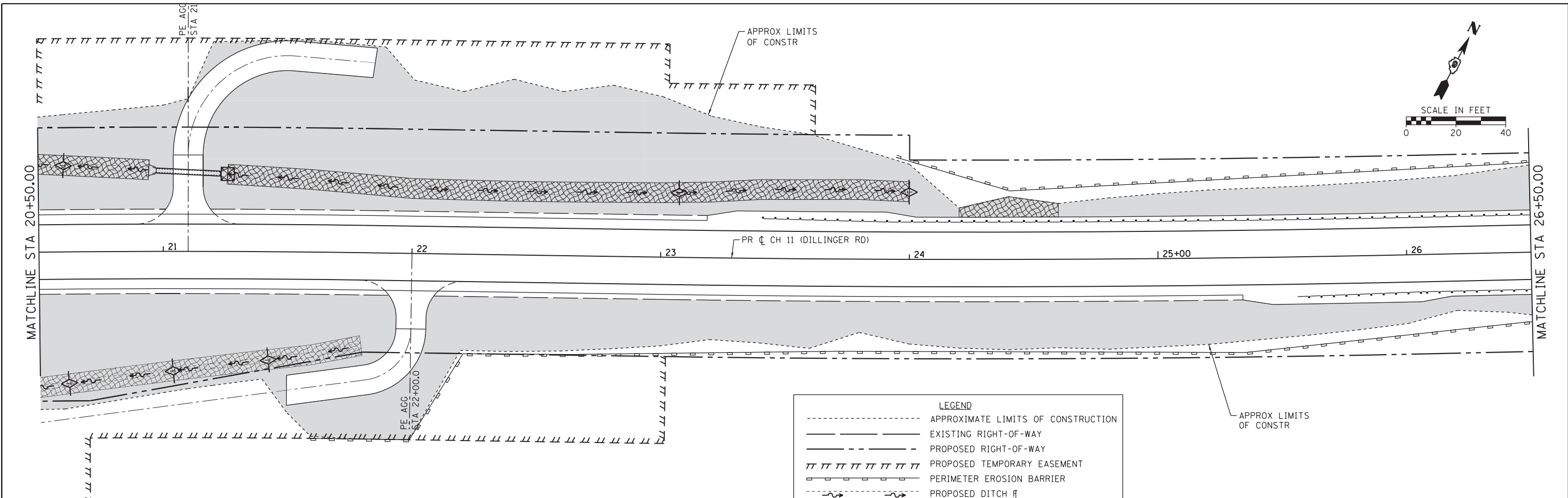
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN

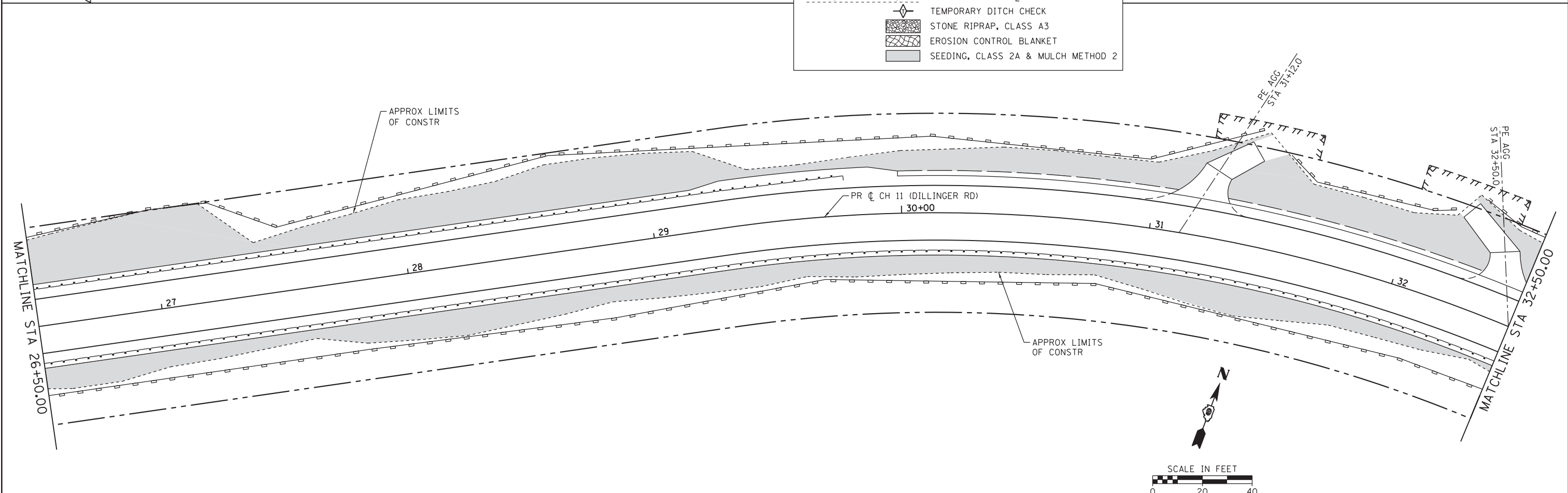
SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	36
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				



LEGEND

- APPROXIMATE LIMITS OF CONSTRUCTION
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- ||||| PROPOSED TEMPORARY EASEMENT
- PERIMETER EROSION BARRIER
- PROPOSED DITCH
- ◇ TEMPORARY DITCH CHECK
- ▨ STONE RIPRAP, CLASS A3
- ▩ EROSION CONTROL BLANKET
- SEEDING, CLASS 2A & MULCH METHOD 2



FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_EROS.2.dgn
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 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 10/18/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

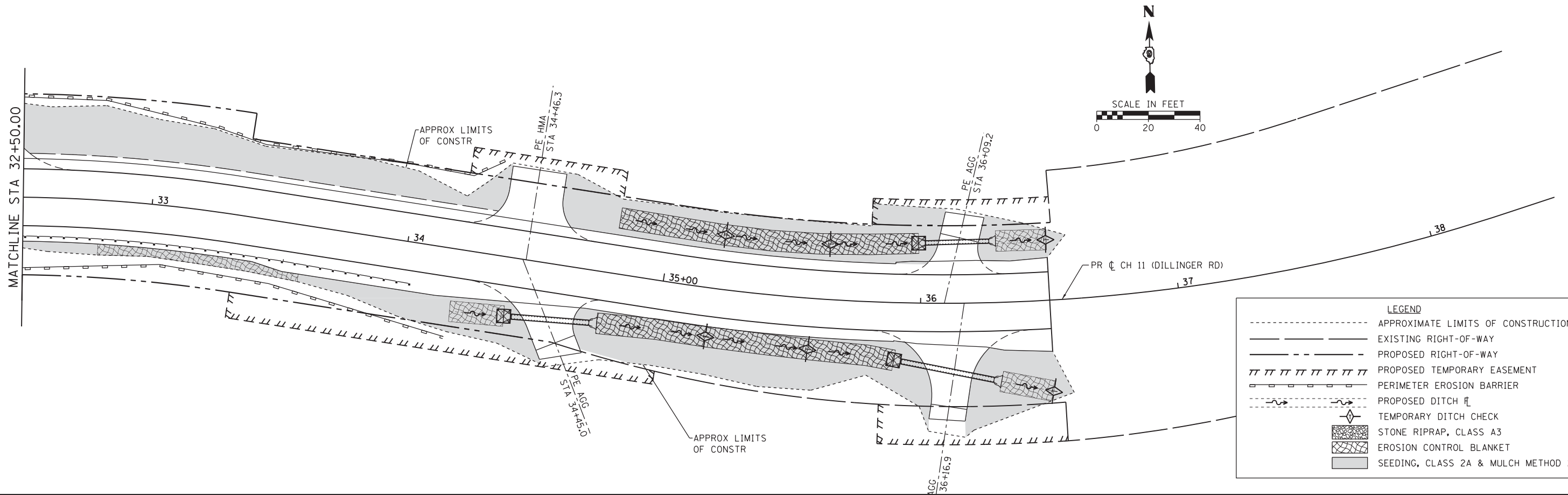
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	37
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				



LEGEND	
	APPROXIMATE LIMITS OF CONSTRUCTION
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PERIMETER EROSION BARRIER
	PROPOSED DITCH
	TEMPORARY DITCH CHECK
	STONE RIPRAP, CLASS A3
	EROSION CONTROL BLANKET
	SEEDING, CLASS 2A & MULCH METHOD 2

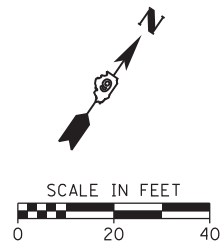
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 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

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

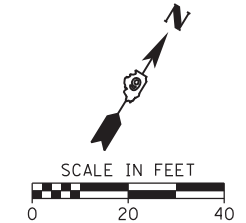
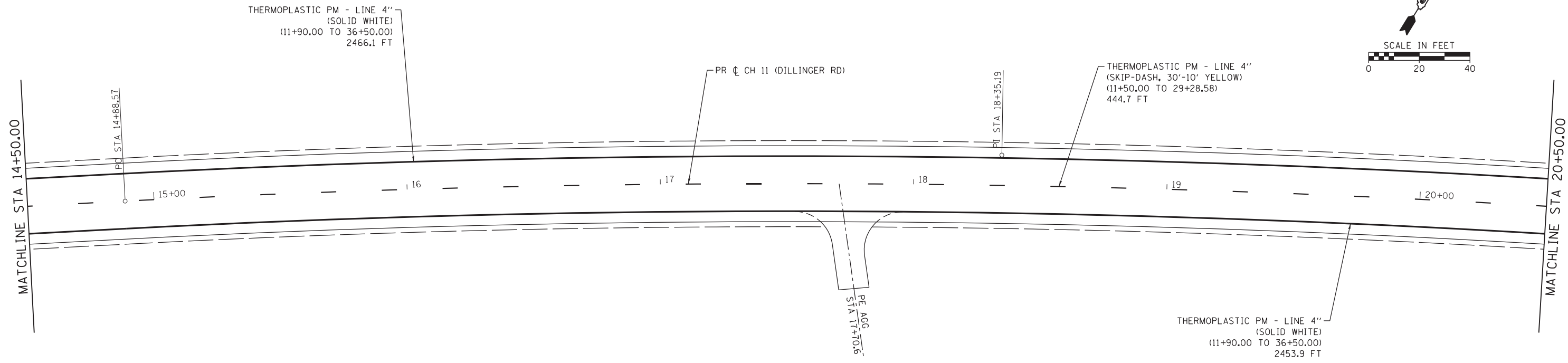
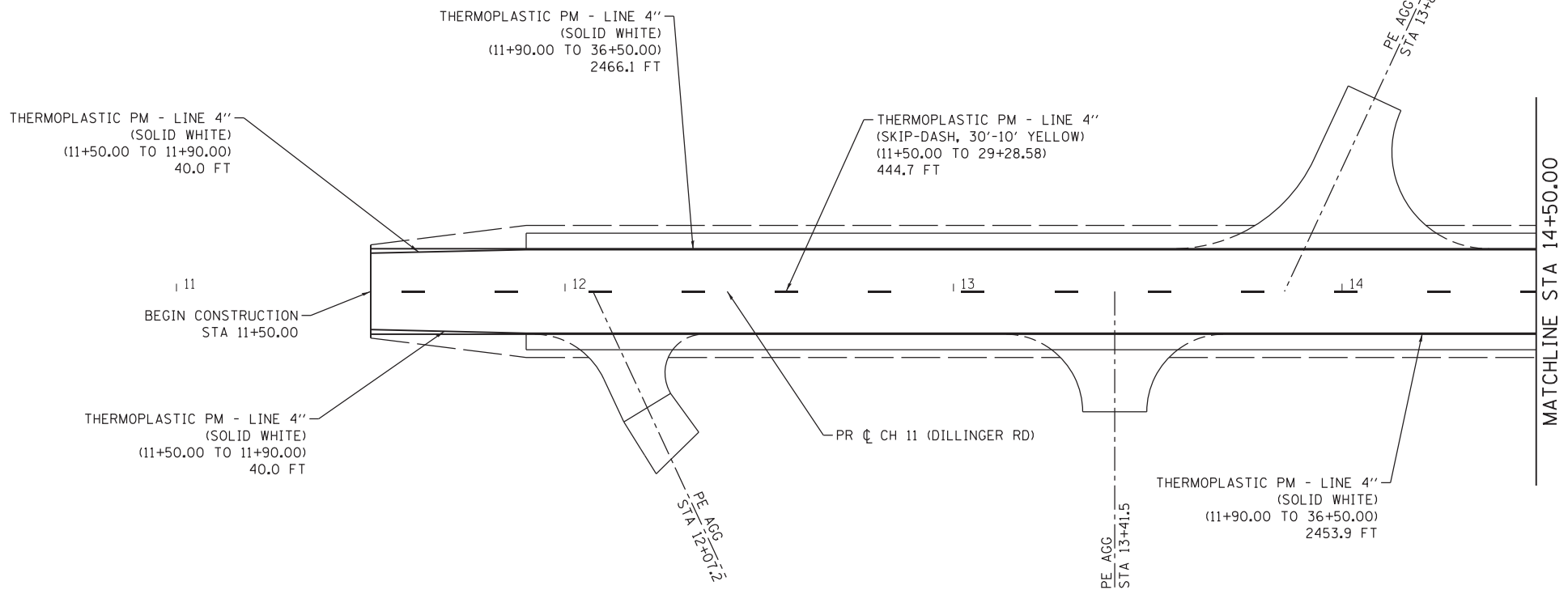
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

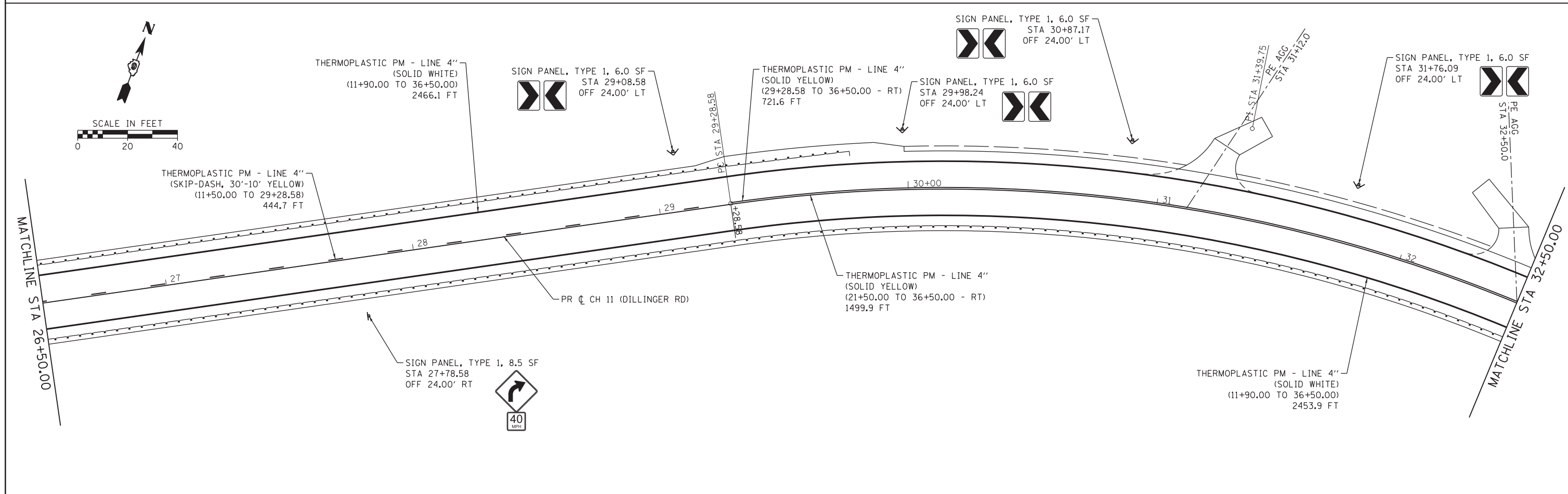
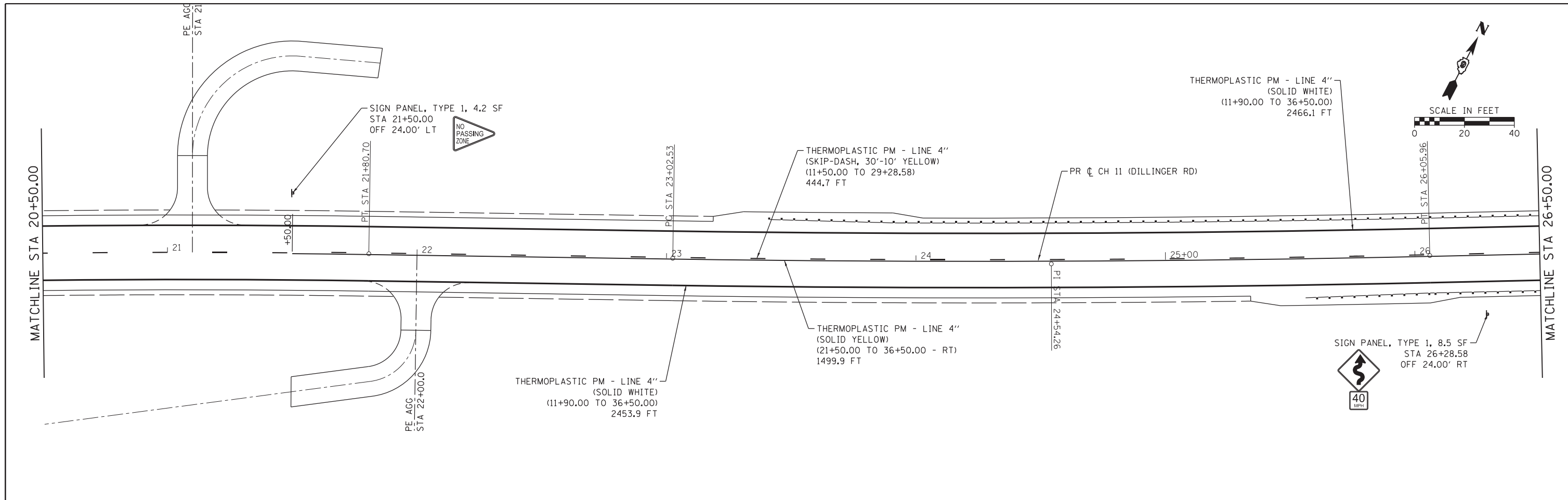
CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	38
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				



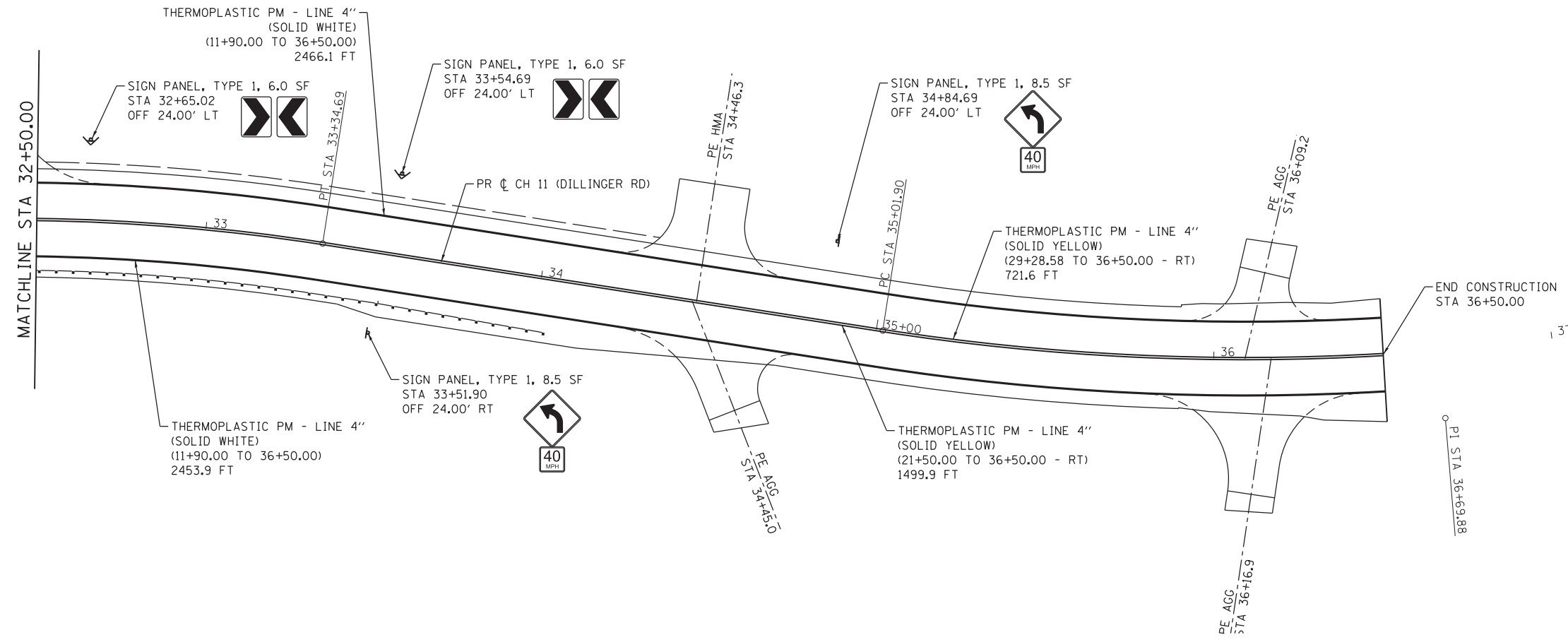
POT. STA. 10+00.00
10+00



HMG ENGINEERS • SURVEYORS 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwier, John PLOT SCALE = 20,0000 "/>	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNS		CH 11 SECTION 16-00175-00-SP COUNTY JACKSON TOTAL SHEETS 109 SHEET NO. 39	CONTRACT NO. 99608 ILLINOIS FED. AID PROJECT
	FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_PMK_1.dgn PLOT DATE = 10/18/2018	DATE -	SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.		STA. TO STA.			



FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_PMK_2.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNS		CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwierjohn	DRAWN -		REVISED -	11	16-00175-00-SP	JACKSON	109	40	
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -		REVISED -	CONTRACT NO. 99608					
PLOT DATE = 10/18/2018	DATE -	REVISED -		REVISED -	SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_PMK_3.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611
 USER NAME = KSchwierjohn
 PLOT SCALE = 20,0000 ' / in.
 PLOT DATE = 10/18/2018

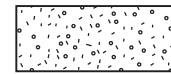
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNS

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

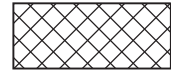
CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	41
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				



FINAL BACKFILL - 1A
 LOCATION - EDGE OF TRENCH LOCATED WITHIN 2.0 FT OF A PERMANENT SURFACE, INCLUDING ENTRANCES AND SIDEWALK
 PIPE MATERIAL - RIGID
 BACKFILL MATERIAL - AGGREGATE
 PAYMENT - PAID FOR AS TRENCH BACKFILL

FINAL BACKFILL - 1B
 LOCATION - EDGE OF TRENCH LOCATED WITHIN 2.0 FT OF A PERMANENT SURFACE, INCLUDING ENTRANCES AND SIDEWALK
 PIPE MATERIAL - FLEXIBLE
 BACKFILL MATERIAL - AGGREGATE
 PAYMENT - INCIDENTAL TO THE COST OF PIPE

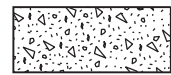
FINAL BACKFILL - 2
 LOCATION - EDGE OF TRENCH NOT LOCATED WITHIN 2.0 FT OF A PERMANENT SURFACE, INCLUDING ENTRANCES AND SIDEWALK
 PIPE MATERIAL - RIGID, FLEXIBLE
 BACKFILL MATERIAL - SUITABLE EXCAVATED MATERIAL, EARTH
 PAYMENT - INCIDENTAL TO THE COST OF PIPE



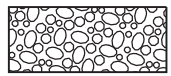
INITIAL BACKFILL - 1
 LOCATION - EDGE OF TRENCH LOCATED WITHIN 2.0 FT OF A PERMANENT SURFACE, INCLUDING ENTRANCES AND SIDEWALK
 PIPE MATERIAL - RIGID, FLEXIBLE
 BACKFILL MATERIAL - AGGREGATE
 PAYMENT - PAID FOR AS TRENCH BACKFILL

INITIAL BACKFILL - 2A
 LOCATION - EDGE OF TRENCH NOT LOCATED WITHIN 2.0 FT OF A PERMANENT SURFACE, INCLUDING ENTRANCES AND SIDEWALK
 PIPE MATERIAL - RIGID
 BACKFILL MATERIAL - SUITABLE EXCAVATED MATERIAL, EARTH
 PAYMENT - INCIDENTAL TO THE COST OF PIPE

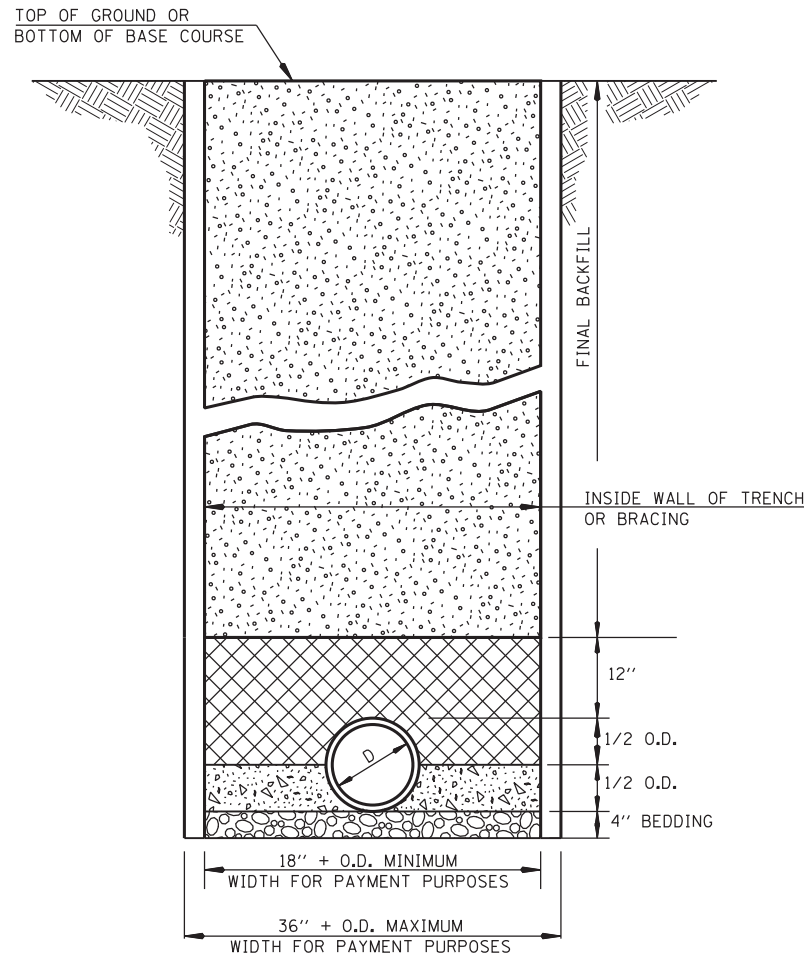
INITIAL BACKFILL - 2B
 LOCATION - EDGE OF TRENCH NOT LOCATED WITHIN 2.0 FT OF A PERMANENT SURFACE, INCLUDING ENTRANCES AND SIDEWALK
 PIPE MATERIAL - FLEXIBLE
 BACKFILL MATERIAL - AGGREGATE
 PAYMENT - INCIDENTAL TO THE COST OF PIPE



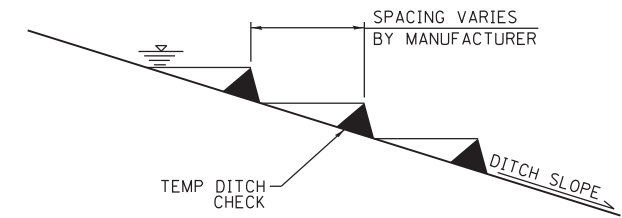
HAUNCHING
 LOCATION - ALL
 PIPE MATERIAL - RIGID, FLEXIBLE
 BACKFILL MATERIAL - AGGREGATE
 PAYMENT - INCIDENTAL TO THE COST OF PIPE



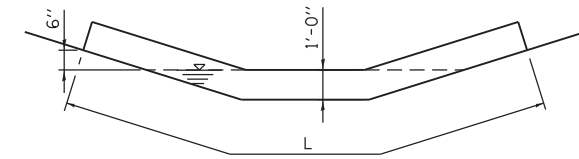
BEDDING
 LOCATION - ALL
 PIPE MATERIAL - RIGID, FLEXIBLE
 BACKFILL MATERIAL - AGGREGATE
 PAYMENT - INCIDENTAL TO THE COST OF PIPE



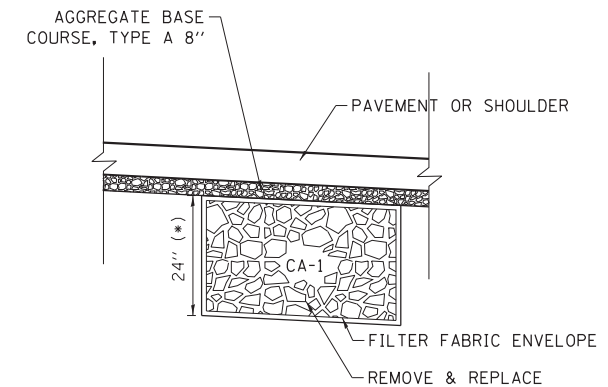
PIPE CULVERT/STORM SEWER TRENCHING AND BACKFILL DETAIL



TYPICAL DITCH CHECK PROFILE
(NOT TO SCALE)



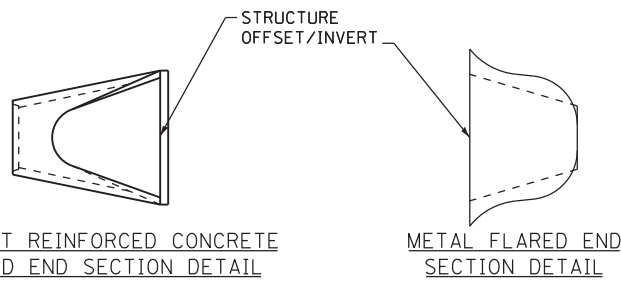
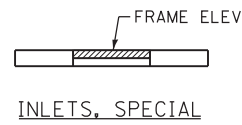
TYPICAL TEMPORARY DITCH CHECK SECTION
(NOT TO SCALE)



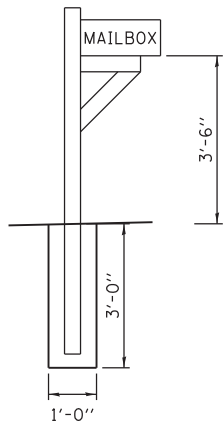
DETAIL NOTES:
 (*) NOMINAL DEPTH OF 24" SHOWN. THIS DIMENSION MAY BE INCREASED OR DECREASED BY THE ENGINEER BASED ON FIELD CONDITIONS.

ROCK FILL - SUBGRADE
(NOT TO SCALE)

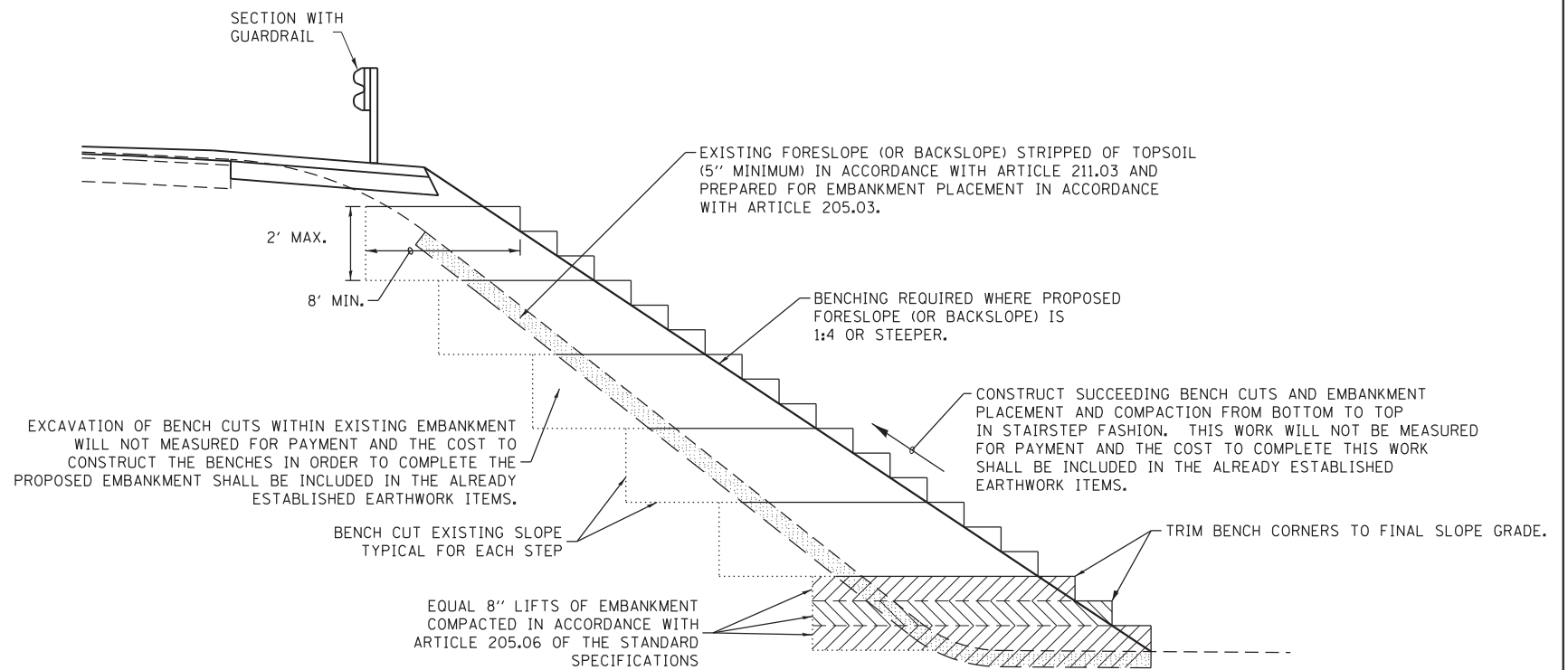
FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_DETAILS.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS		CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwier.john	DRAWN -				REVISED -	11	16-00175-00-SP	JACKSON	109
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -		SCALE:	SHEET 1 OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 99608		
PLOT DATE = 10/18/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						



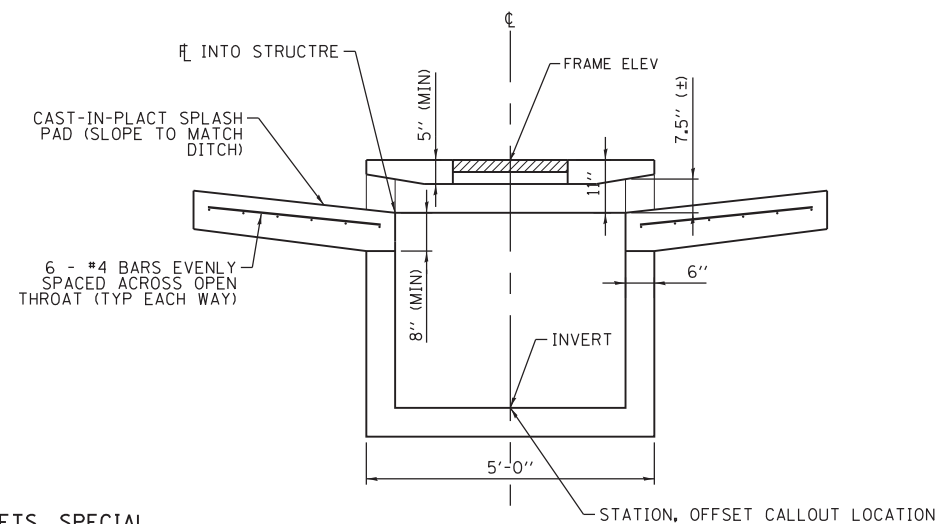
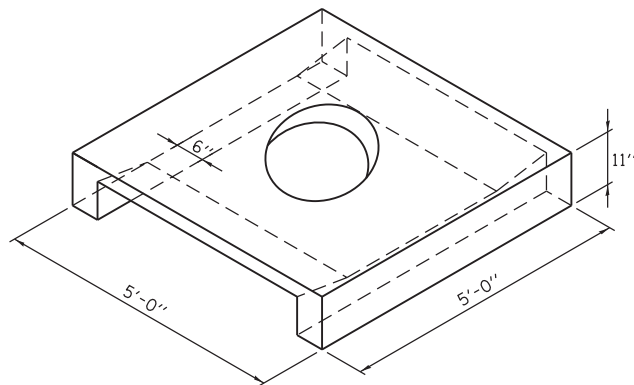
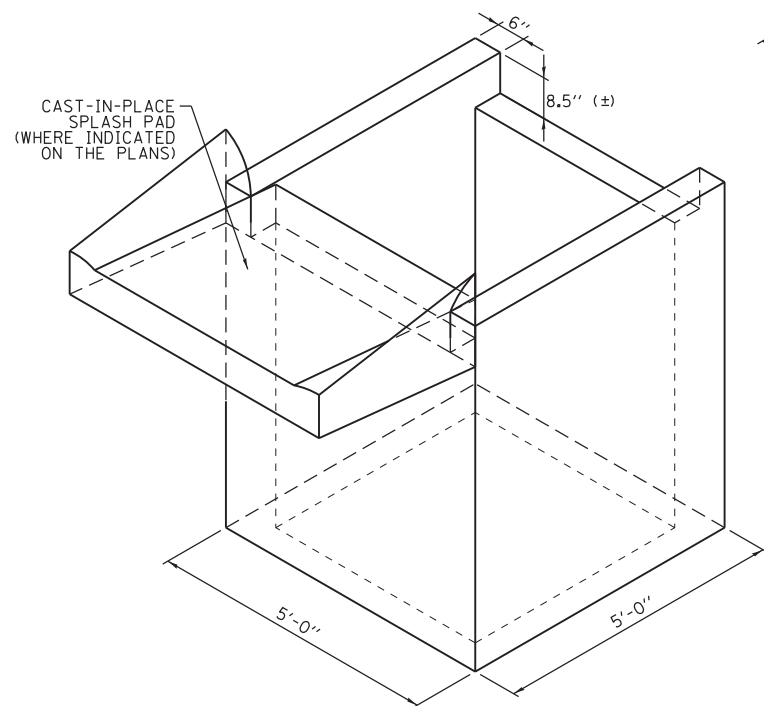
FRAME/INVERT ELEVATIONS ON ASSOCIATED DRAINAGE ITEMS (NOT TO SCALE)



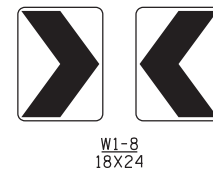
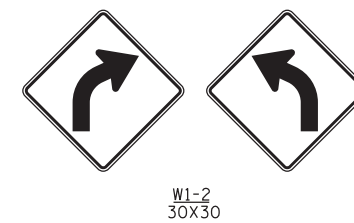
TYPICAL MAILBOX DETAIL (NOT TO SCALE)



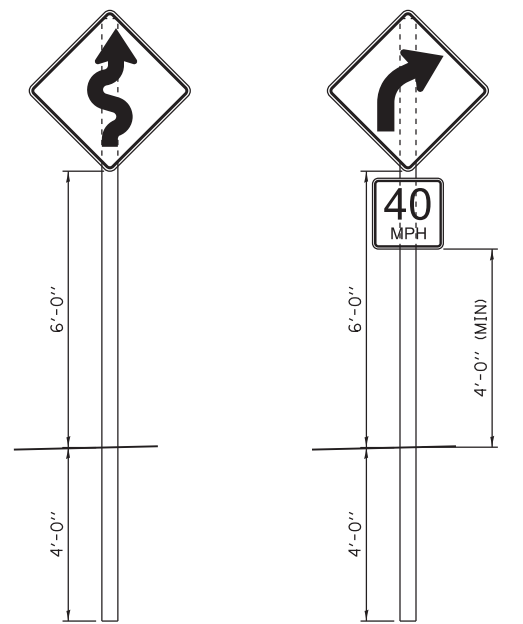
TYPICAL BENCHING FOR EMBANKMENTS DETAIL (NOT TO SCALE)



INLETS, SPECIAL (REINFORCEMENT FOR THE PRECAST INLET BOX AND LID SHALL BE ACCORDING TO THE MANUFACTURER)



WARNING SIGNS (SIGN DIMENSIONS AS ESTIMATED FOR QUANTITIES)



TYPICAL SIGN INSTALLATION DETAIL (NOT TO SCALE)

FILE NAME = H:\7492_JacksonCounty_DillingRd\CADD_Sheets\7492_SHT_DETAILS.dgn

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME = KSchwier_john

PLOT SCALE = 20,0000 ' / in.

PLOT DATE = 10/18/2018

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

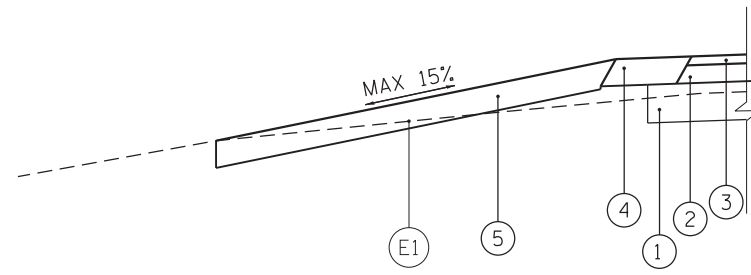
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

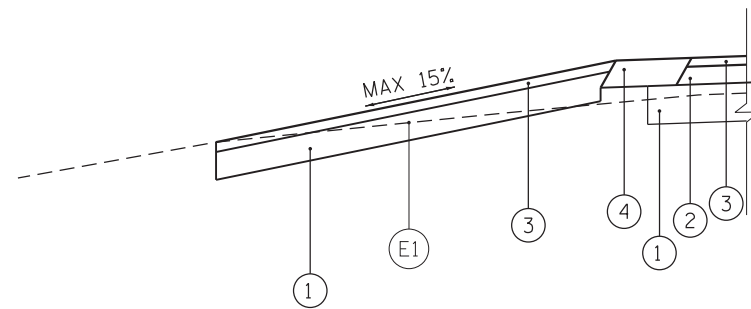
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	43
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				



SECTION A-1 - A-1

PRIVATE ENTRANCE
AGGREGATE SURFACE
(NOT TO SCALE)

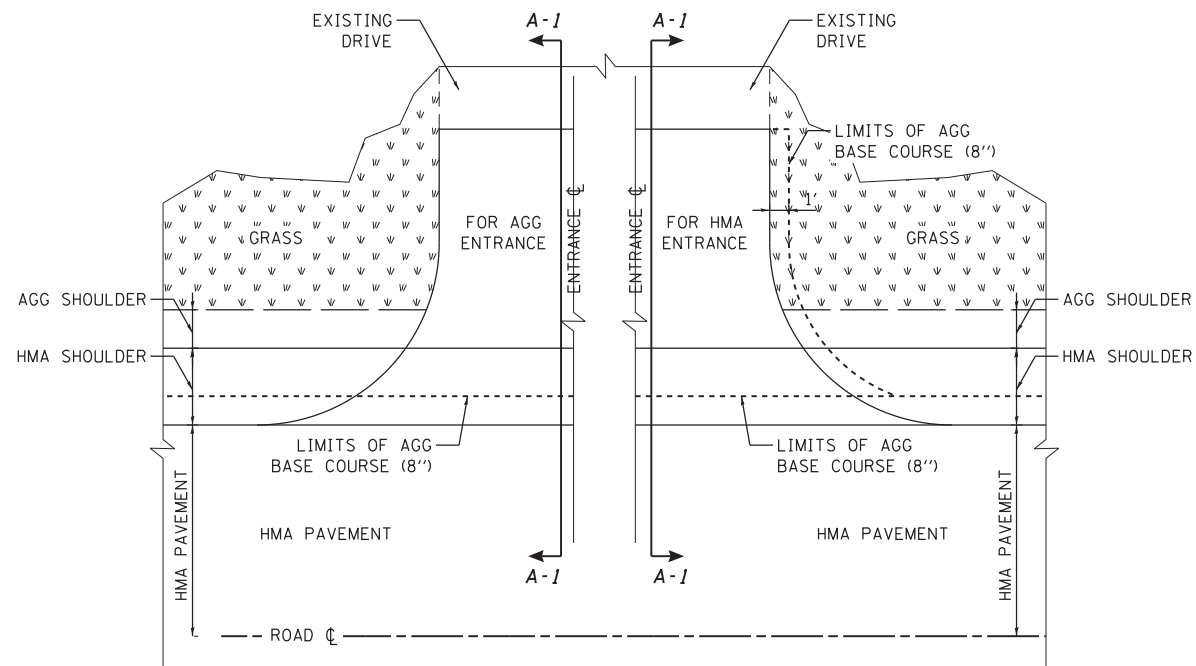


SECTION A-1 - A-1

PRIVATE ENTRANCE
HOT-MIX ASPHALT
(NOT TO SCALE)

SECTION LEGEND

- (E1) EXISTING GROUND SURFACE
- (1) AGG BASE COURSE (8'')
- (2) HMA BINDER COURSE (4'')
- (3) HMA SURFACE COURSE (2'')
- (4) HMA SHOULDERS (6'')
- (5) AGG SURFACE COURSE (6'')



ENTRANCE PLAN DETAIL

SHOWING AGG ENTRANCE AND HMA ENTRANCE
(NOT TO SCALE)

FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_DETAILS.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611
 USER NAME = KSchwierjohn
 PLOT SCALE = 20,0000' / 1" =
 PLOT DATE = 10/18/2018

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

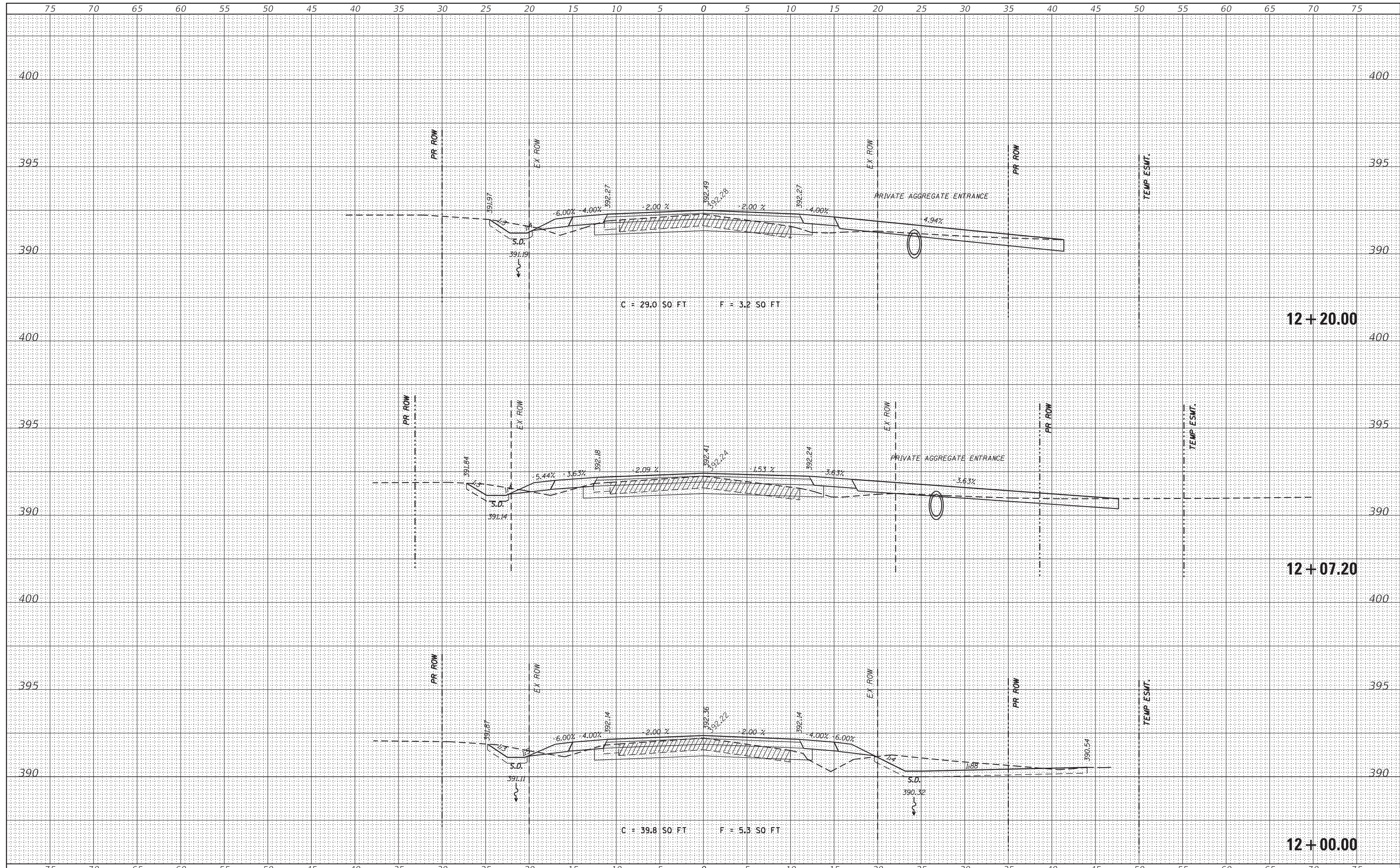
CONSTRUCTION DETAILS

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	44
			CONTRACT NO. 99608	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611
 USER NAME = KSchwier.john
 PLOT SCALE = 5,0000' / 1" =
 PLOT DATE = 10/18/2018

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

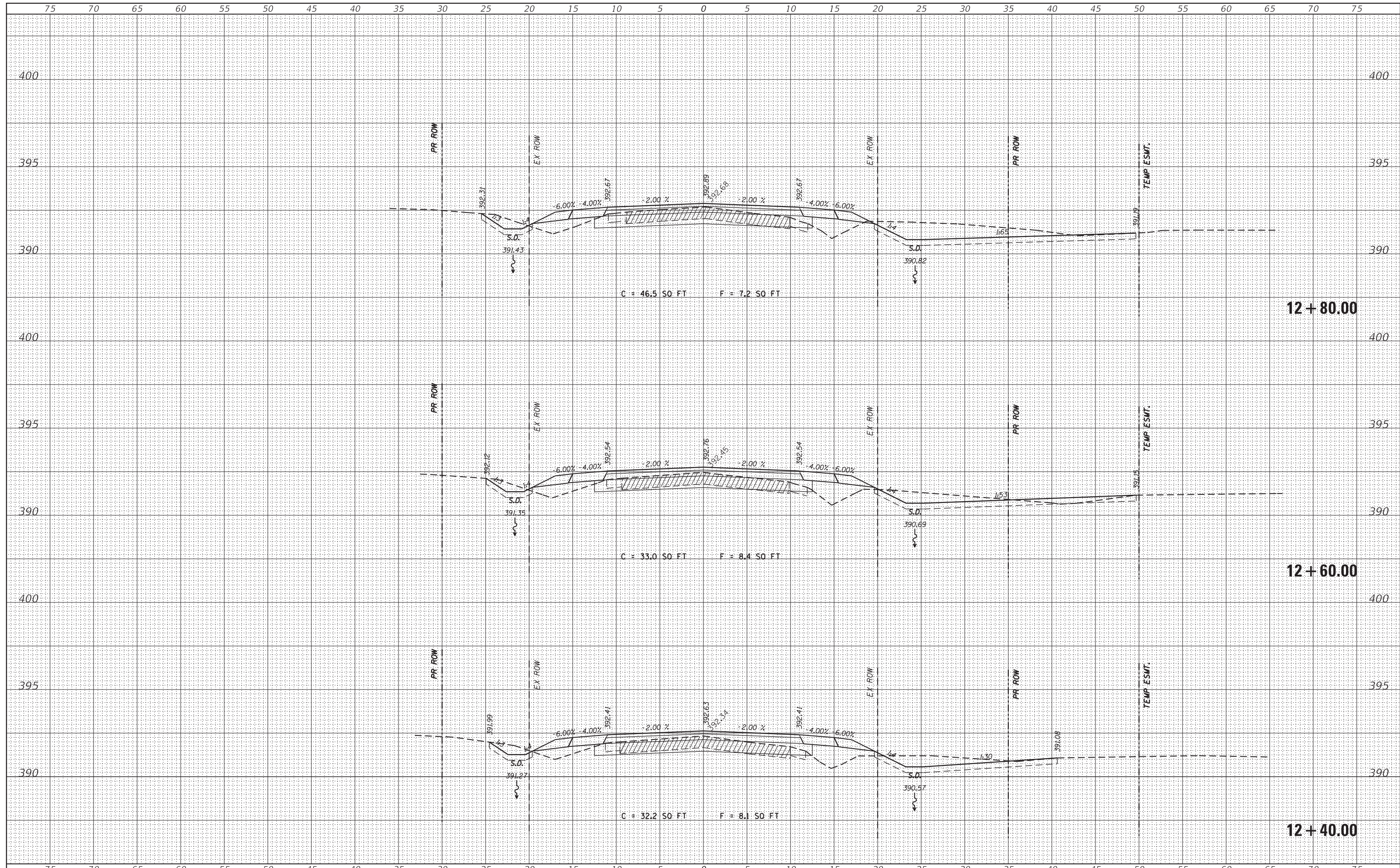
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 12+00.00 TO STA. 12+20.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	46
CONTRACT NO. 99608				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	



FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

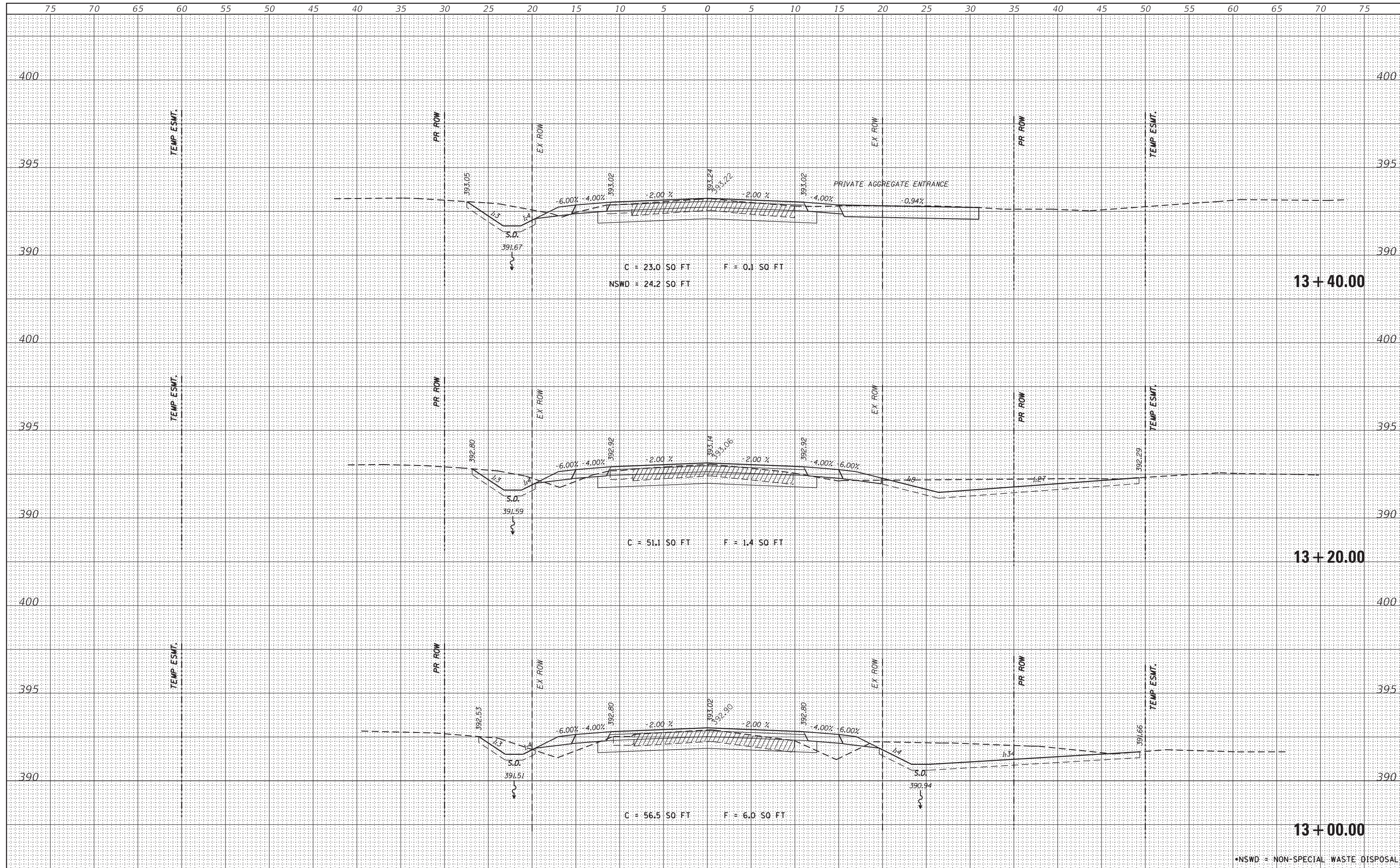
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 12+40.00 TO STA. 12+80.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	47
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = H:\7492_JacksonCounty_DillingerRd\CADD_Sheets\7492_SHT_XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

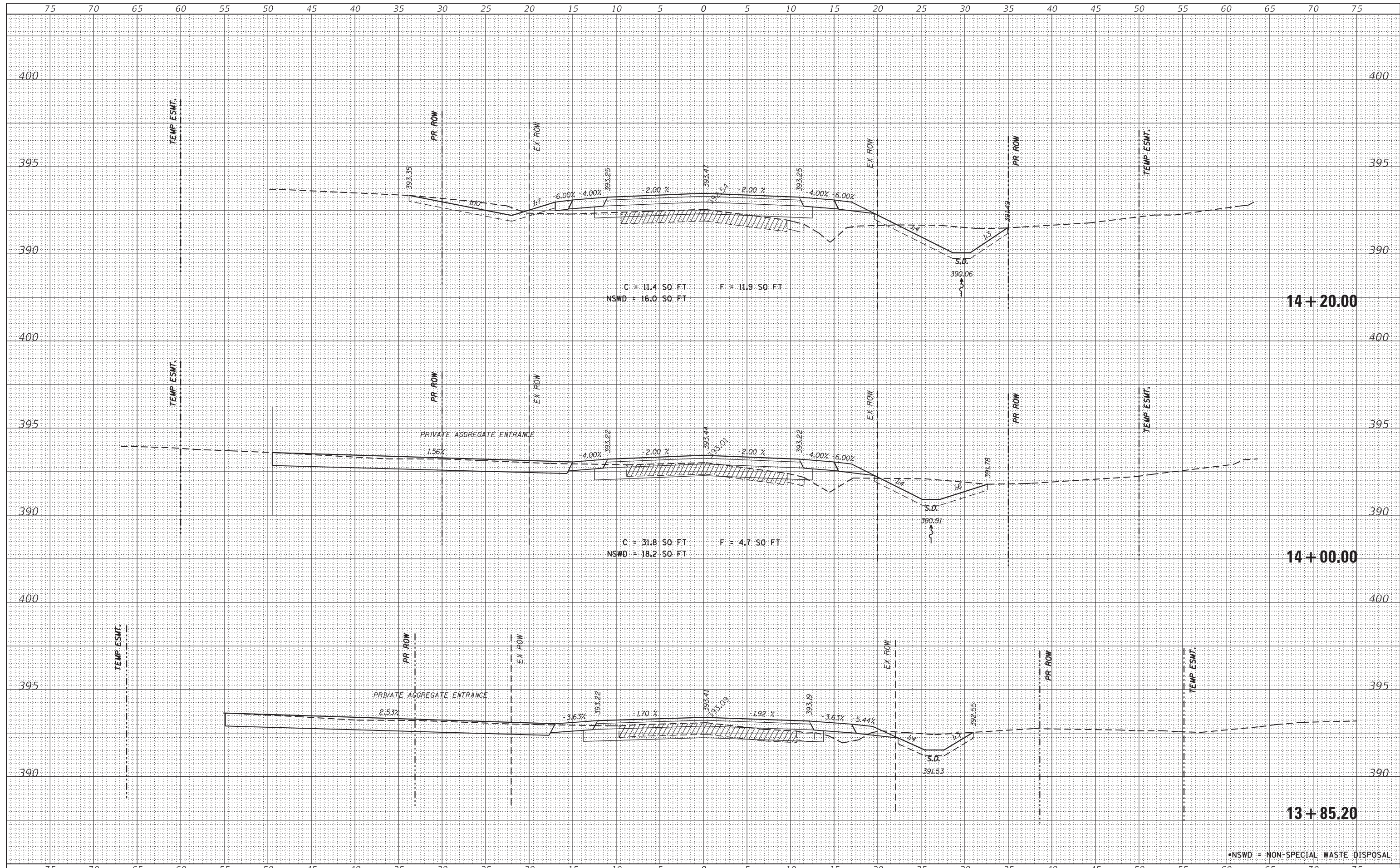
SCALE: SHEET OF SHEETS STA. 13+00.00 TO STA. 13+40.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	48
CONTRACT NO. 99608				

*NSWD = NON-SPECIAL WASTE DISPOSAL

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

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



FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

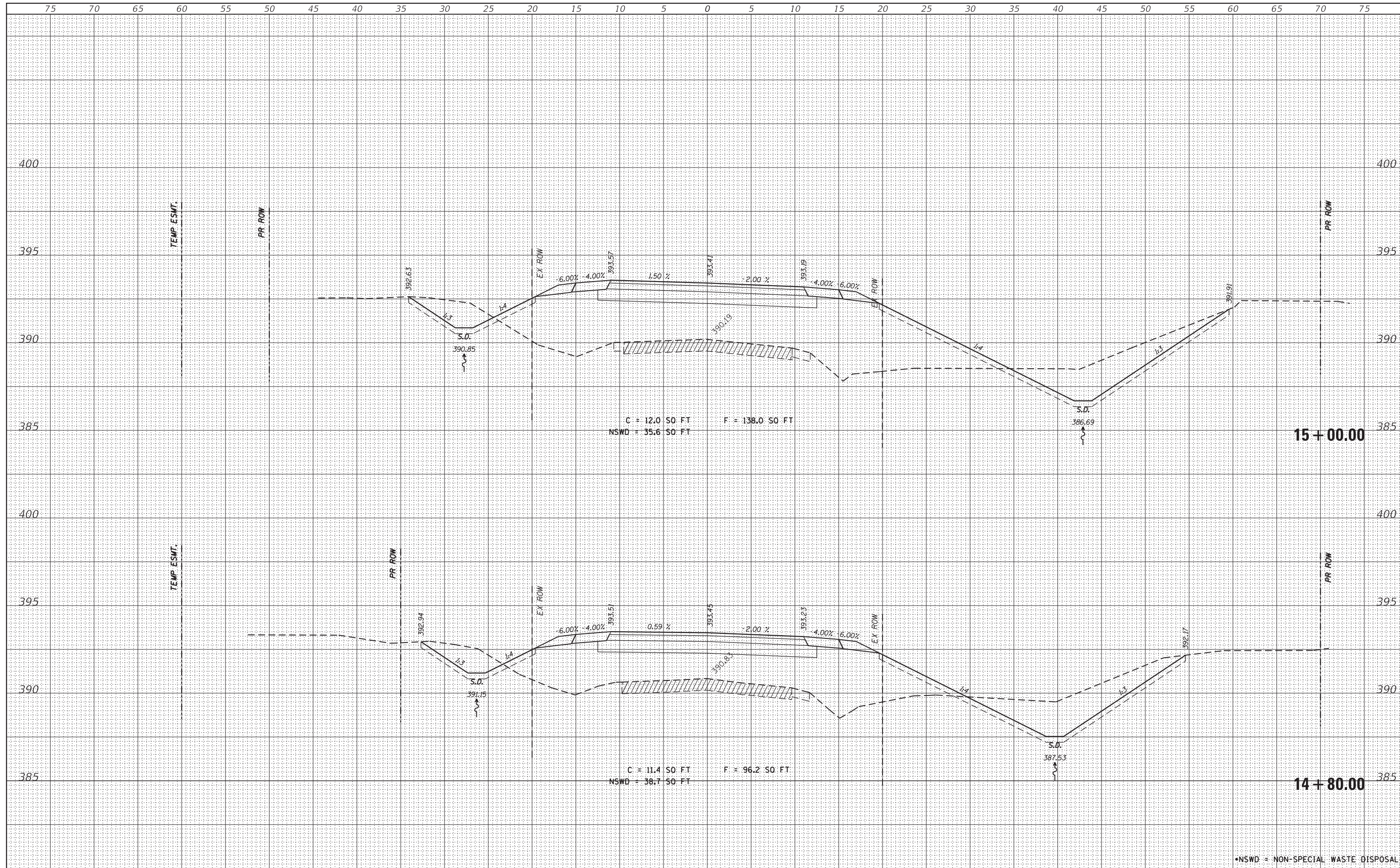
SCALE: SHEET OF SHEETS STA. 13+85.20 TO STA. 14+20.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	50
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

*NSWD = NON-SPECIAL WASTE DISPOSAL

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

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
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*NSWD = NON-SPECIAL WASTE DISPOSAL

FILE NAME = H:\7492_JacksonCounty_DillingerRd\CAD\Sheets\7492_SHT_XSSHT.dgn

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

DESIGNED -
DRAWN -
CHECKED -
DATE -

USER NAME = KSchwier_john
PLOT SCALE = 5.0000' / 1" =
PLOT DATE = 10/18/2018

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

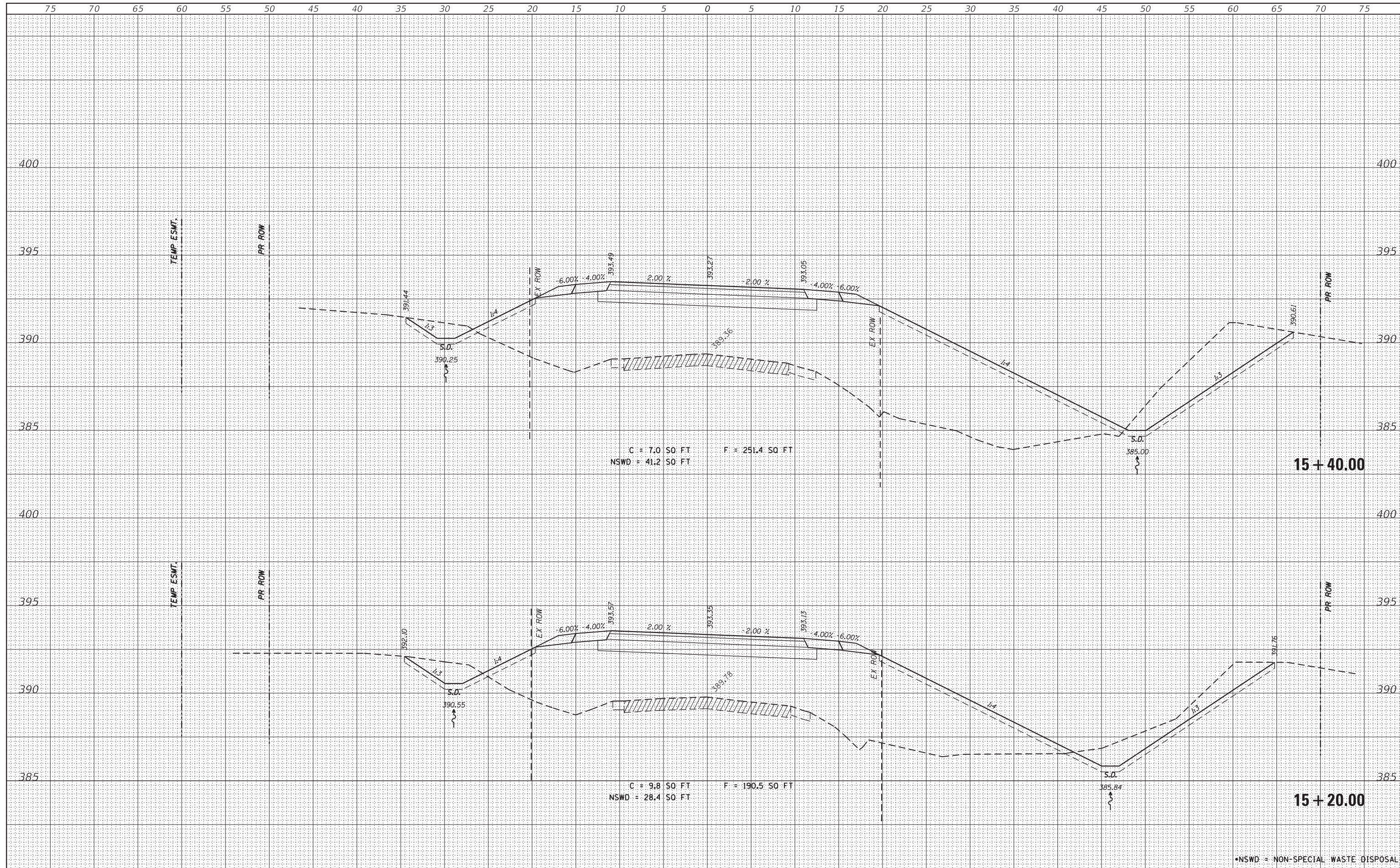
SCALE: SHEET OF SHEETS STA. 14+80.00 TO STA. 15+00.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	52
CONTRACT NO. 99608				

ILLINOIS FED. AID PROJECT

DATE	
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FINISHED SURVEY	
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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn

HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

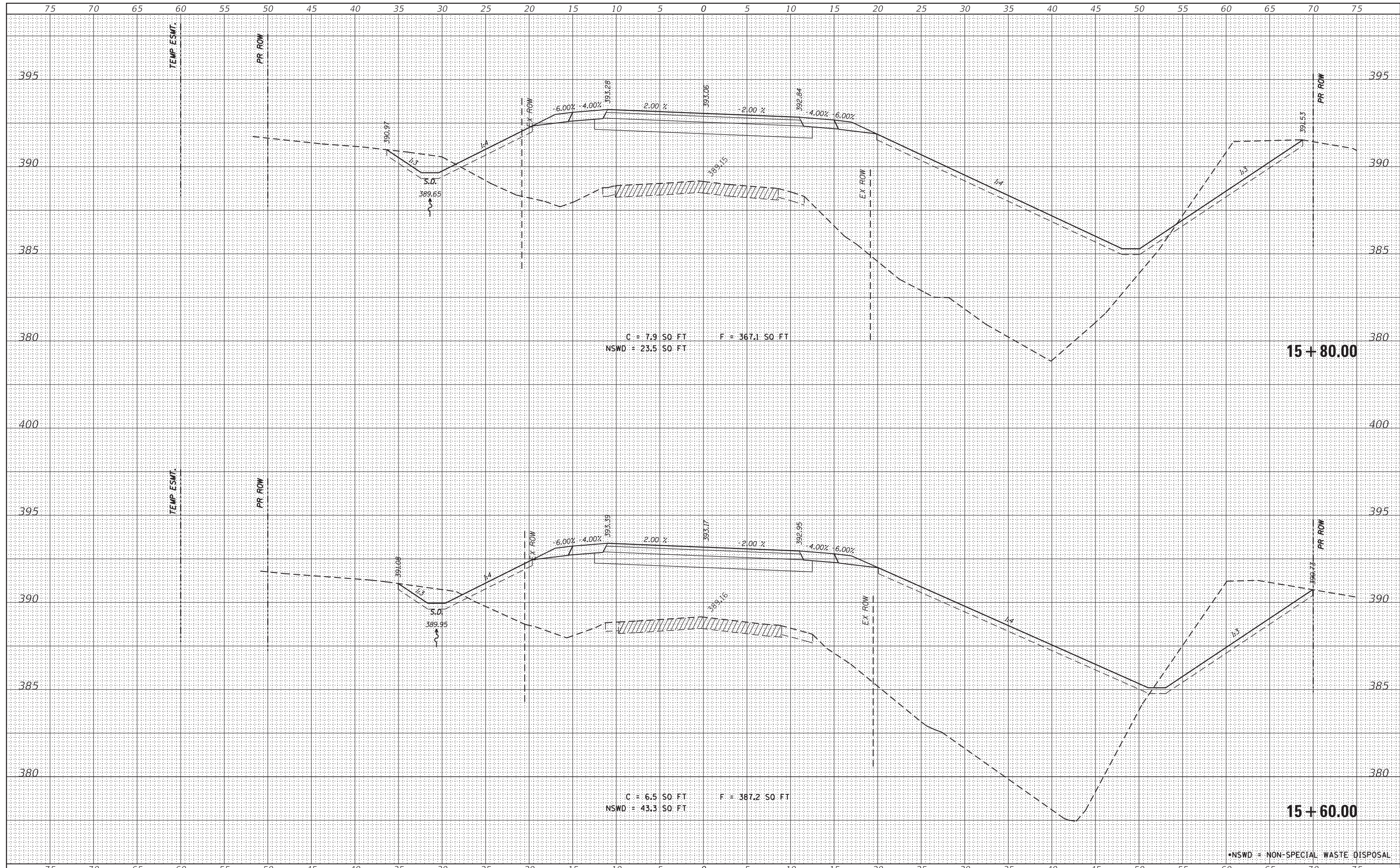
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 15+20.00 TO STA. 15+40.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	53
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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*NSWD = NON-SPECIAL WASTE DISPOSAL

FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn

HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -
USER NAME = KSchwier.john	
PLOT SCALE = 5.0000' / 1in.	
PLOT DATE = 10/18/2018	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

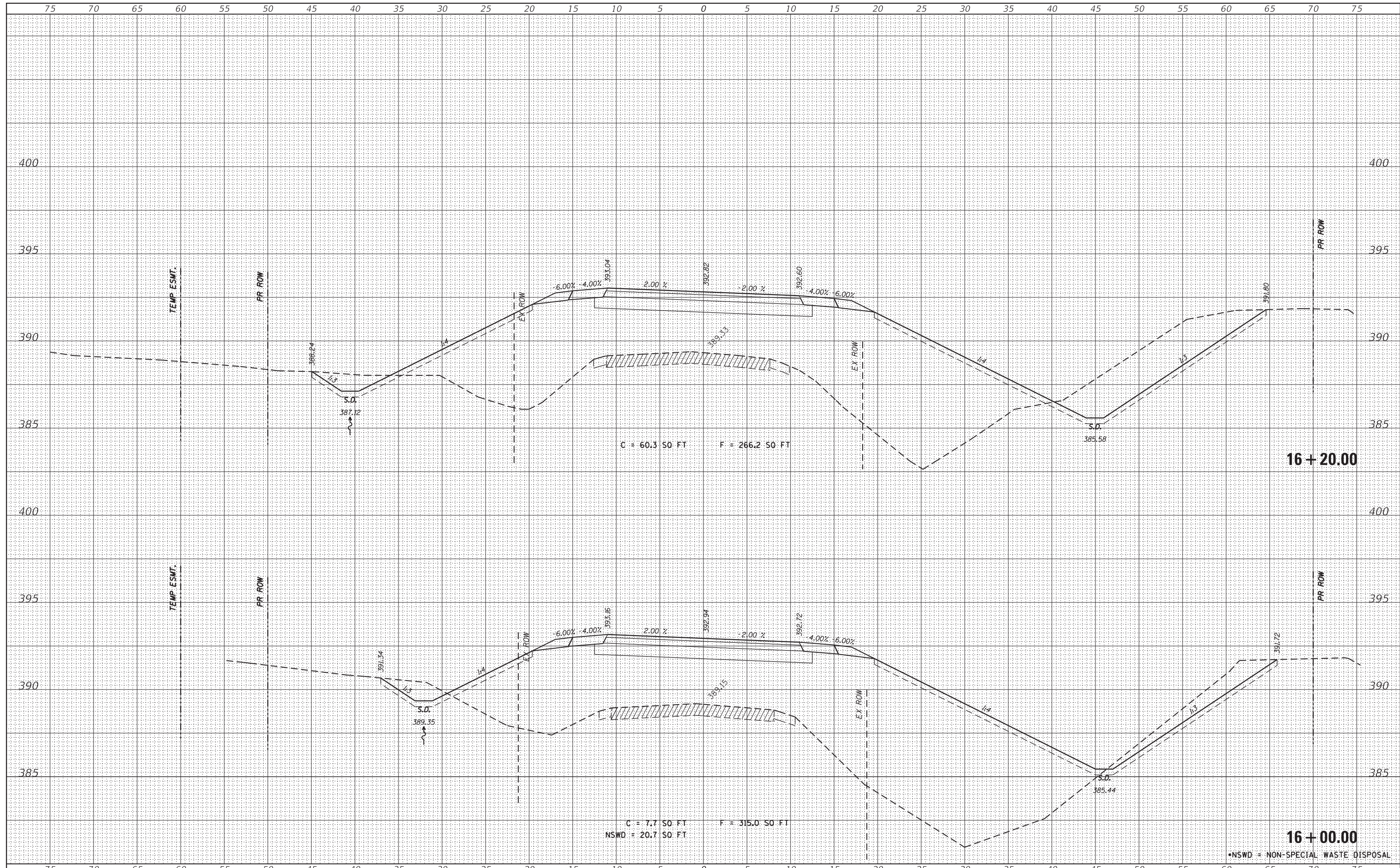
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 15+60.00 TO STA. 15+80.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	54
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn

HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

DESIGNED -	REVISED -
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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

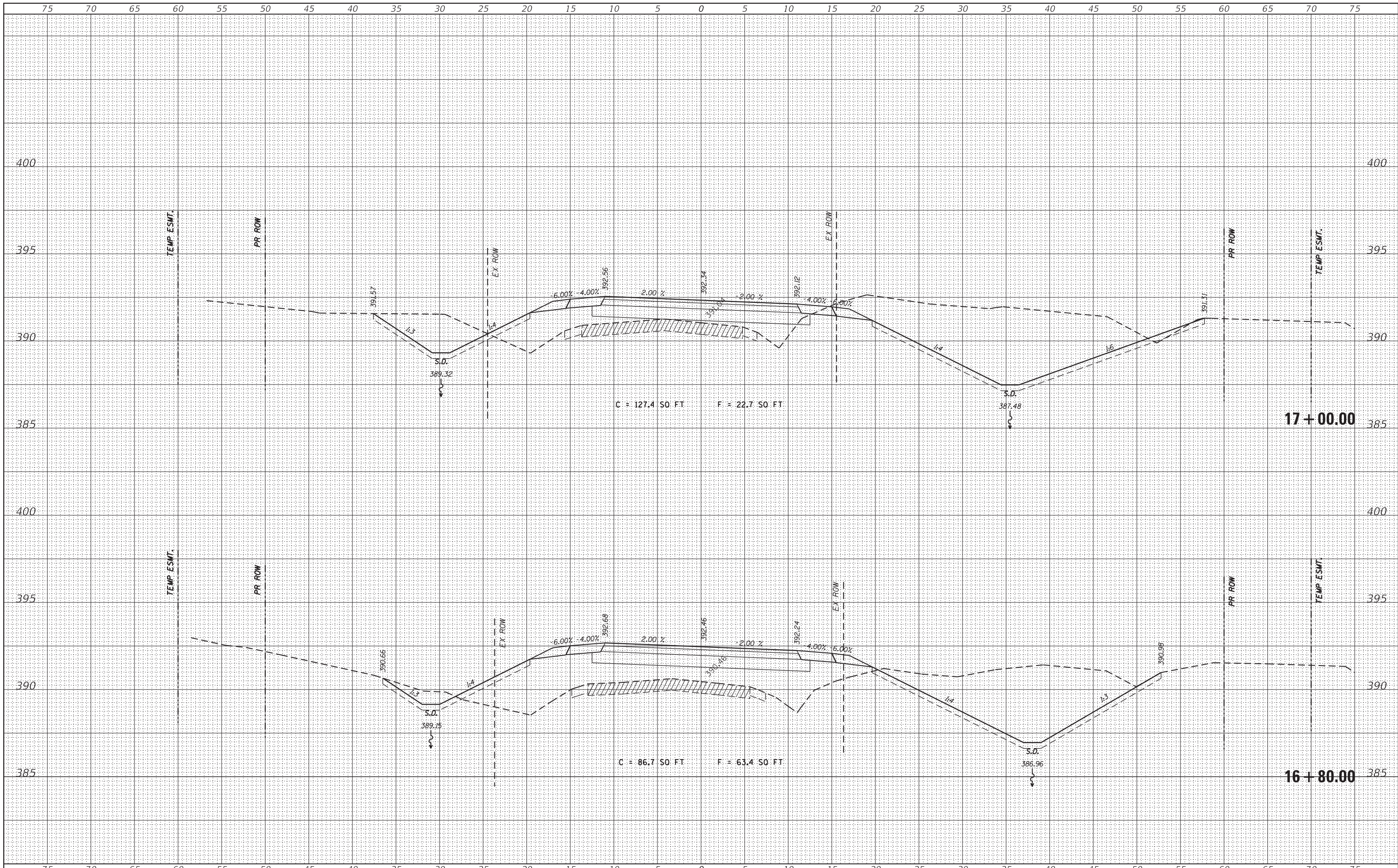
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 16+00.00 TO STA. 16+20.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	55
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn

HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

DESIGNED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

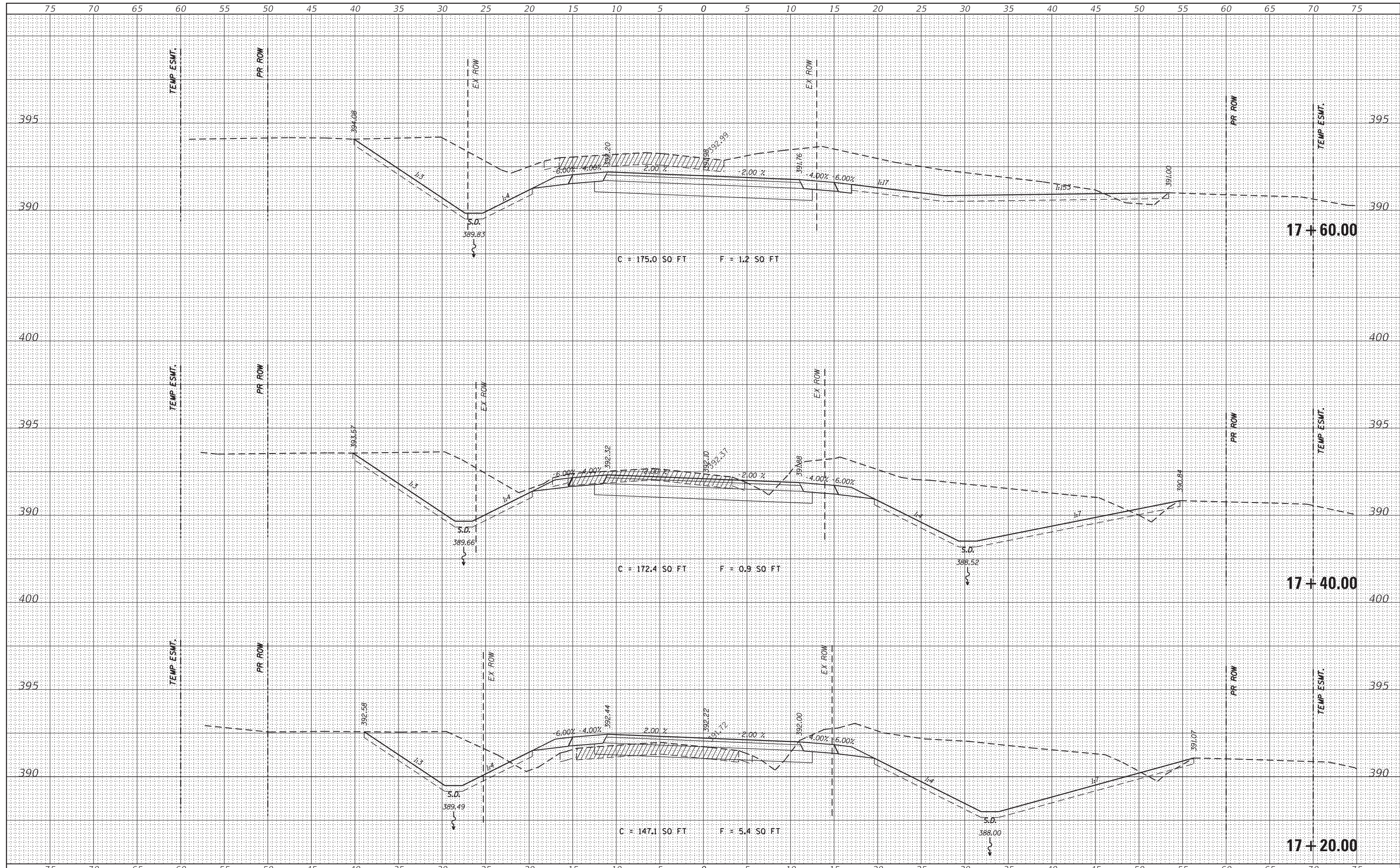
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 16+80.00 TO STA. 17+00.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	57
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED	-	REVISED	-
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DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

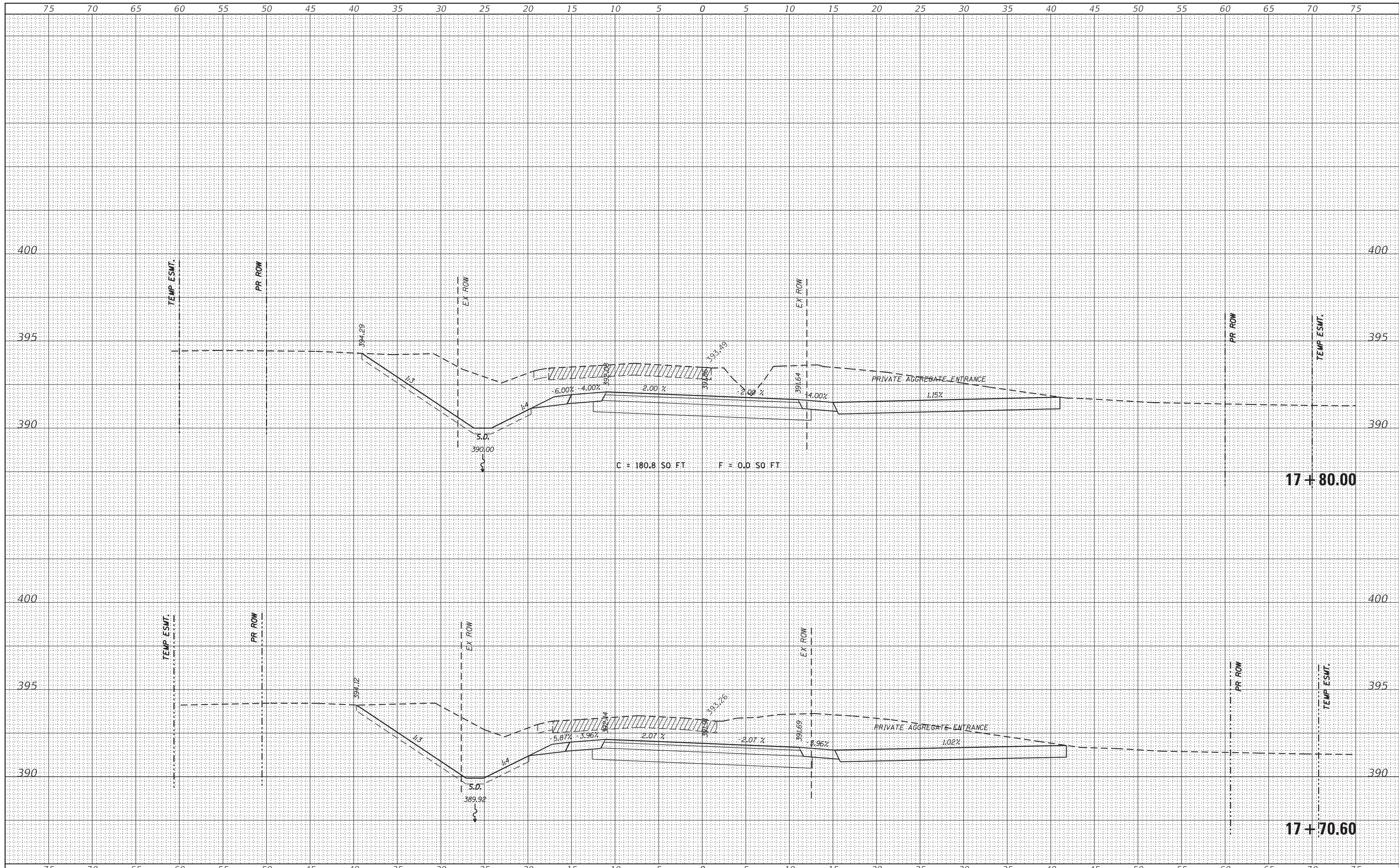
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 17+20.00 TO STA. 17+60.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	58
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
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USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

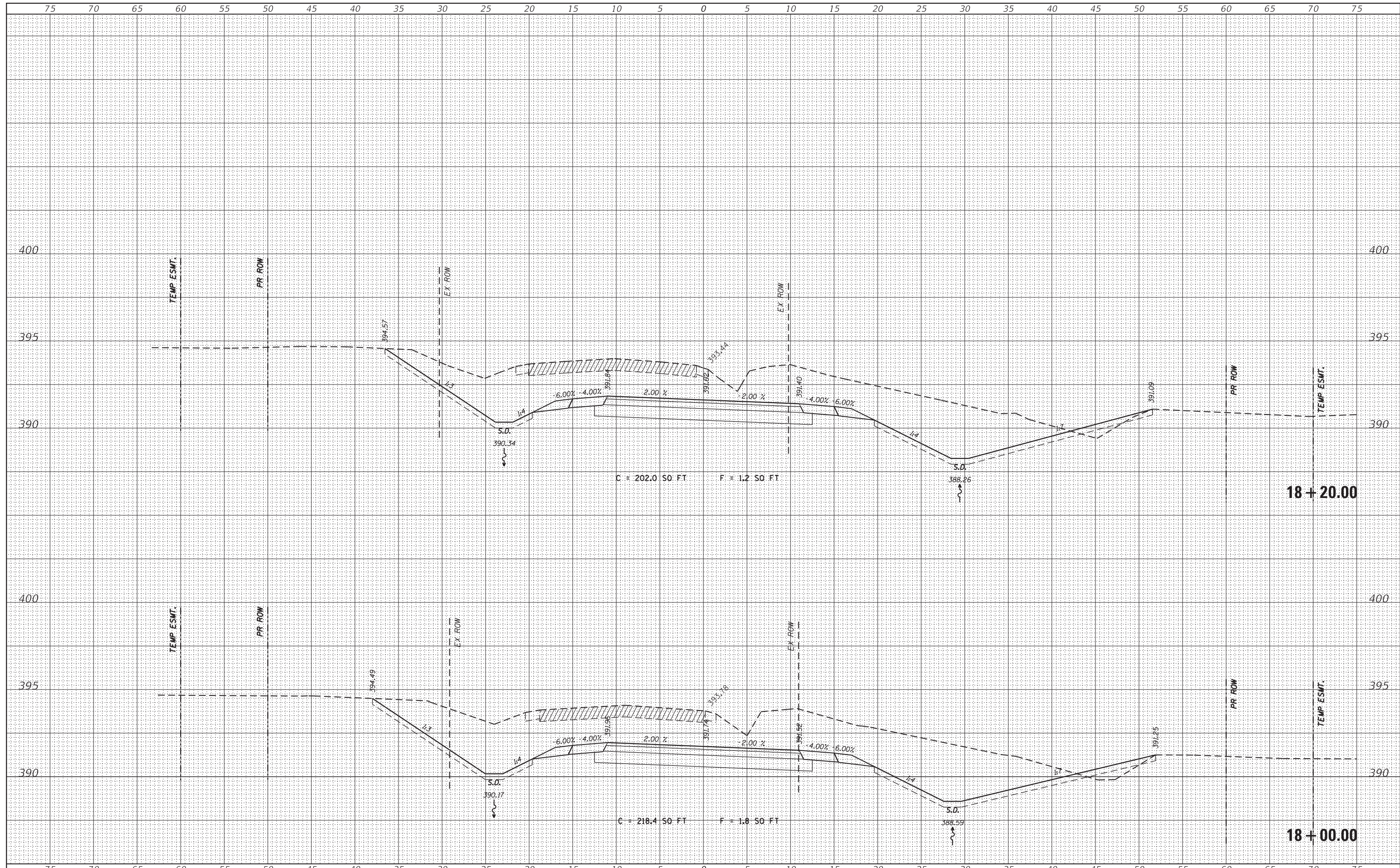
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 17+70.60 TO STA. 17+80.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	59
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

BY: _____ DATE: _____
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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
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 DATE -
 USER NAME = KSchwier_john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

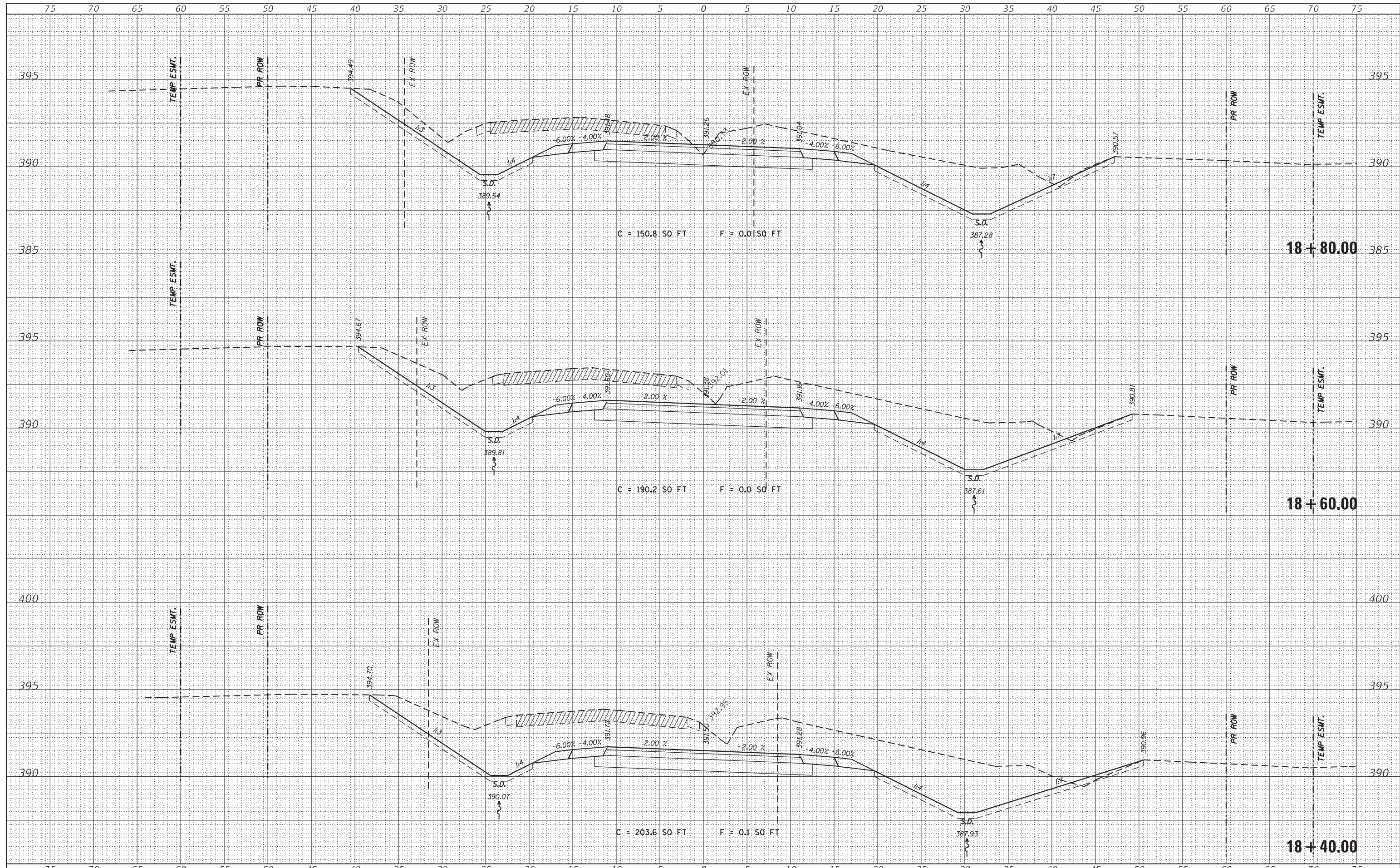
SCALE: _____ SHEET OF SHEETS STA. 18+00.00 TO STA. 18+20.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	60
CONTRACT NO. 99608				

ILLINOIS FED. AID PROJECT

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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

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USER NAME = KSchwier_john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

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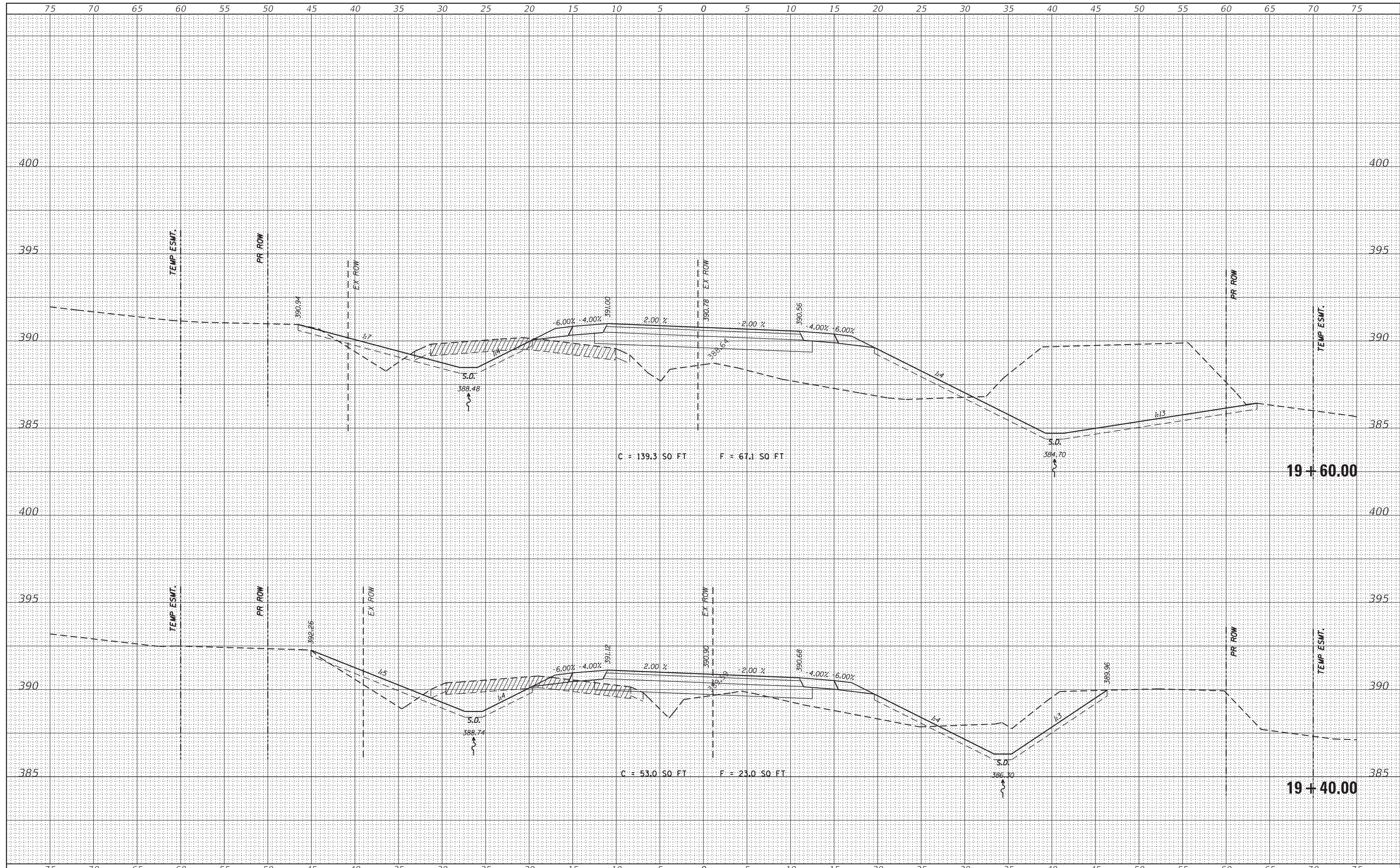
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 18+40.00 TO STA. 18+80.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	61
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
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USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

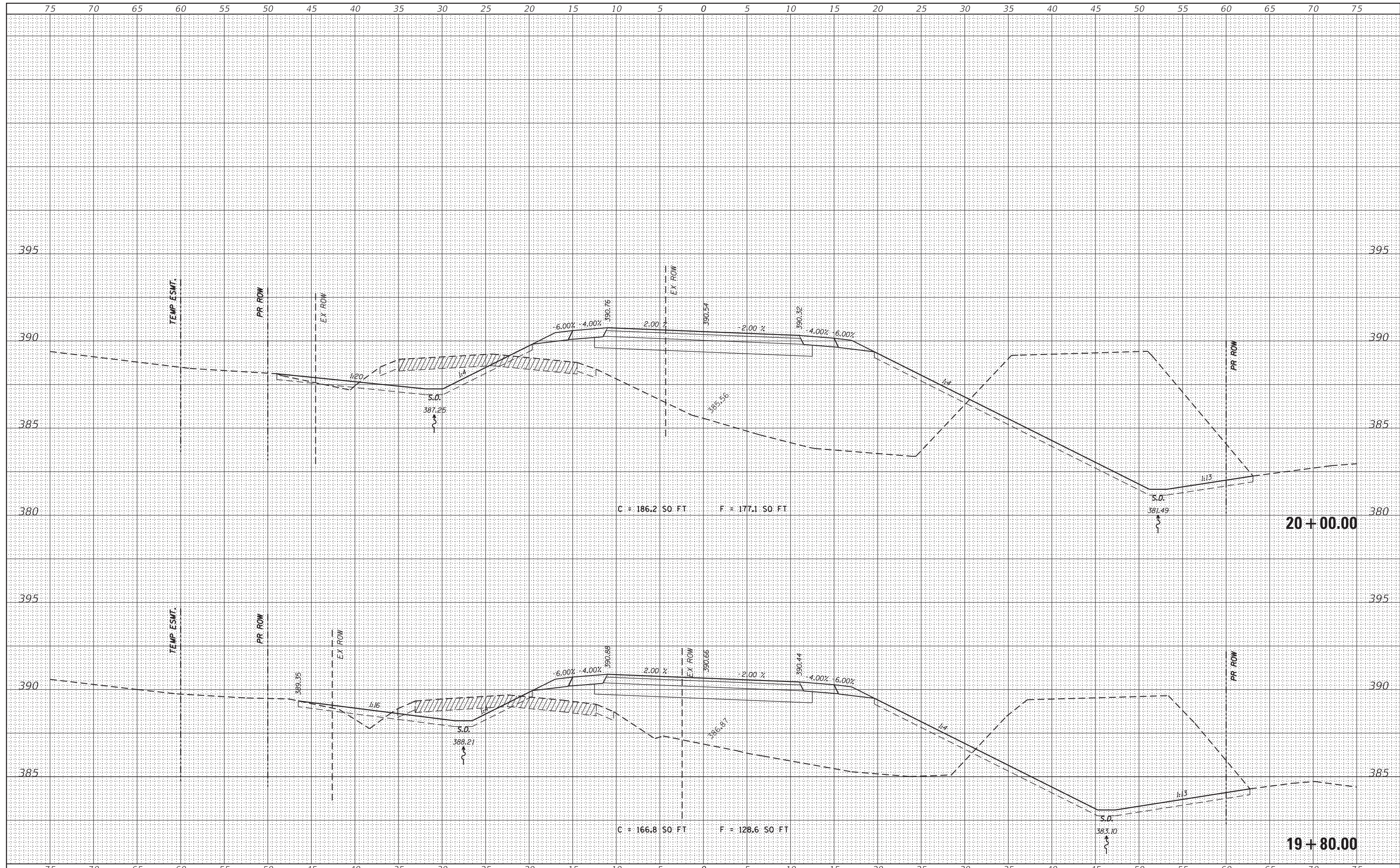
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 19+40.00 TO STA. 19+60.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	63
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

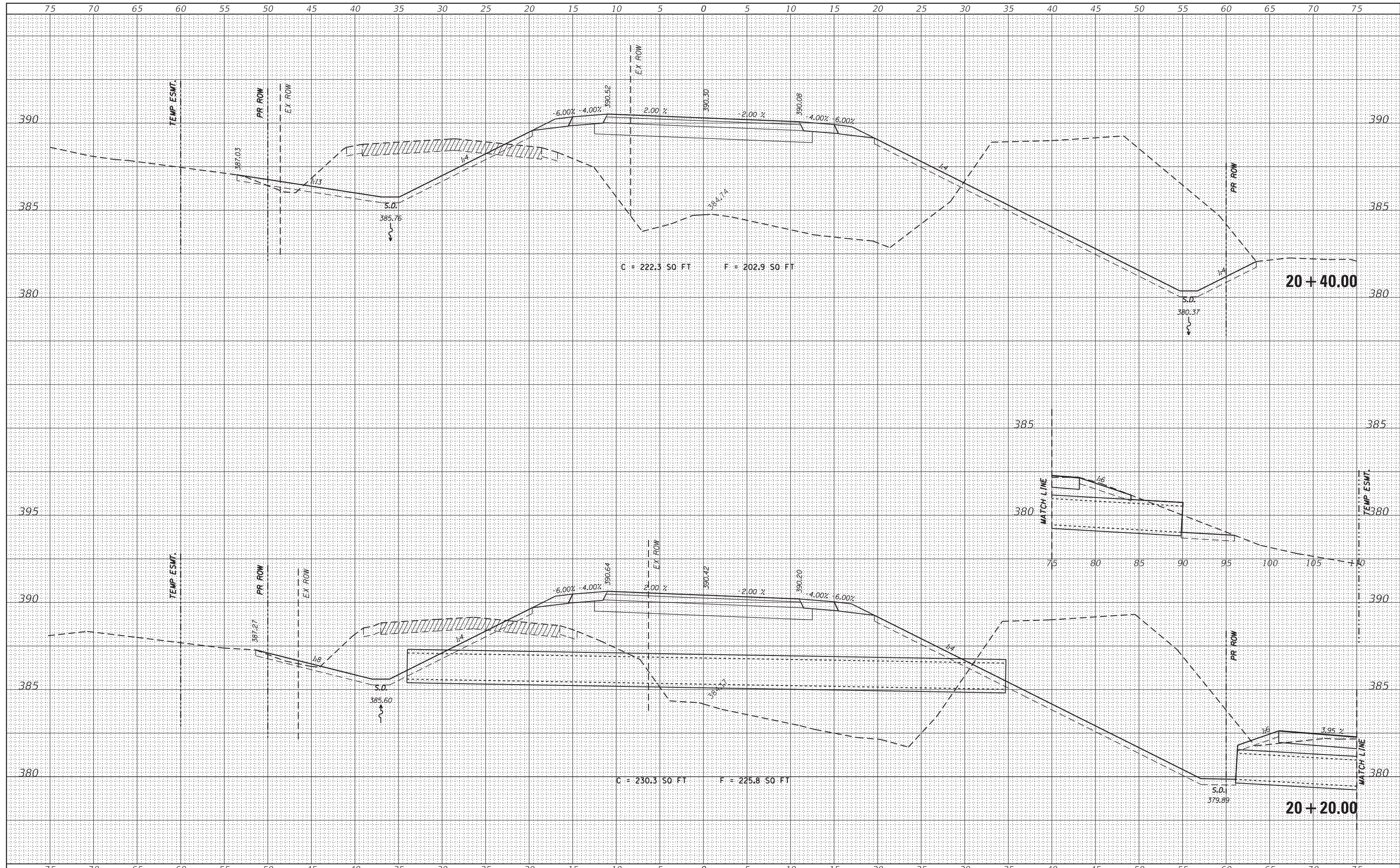
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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
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USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

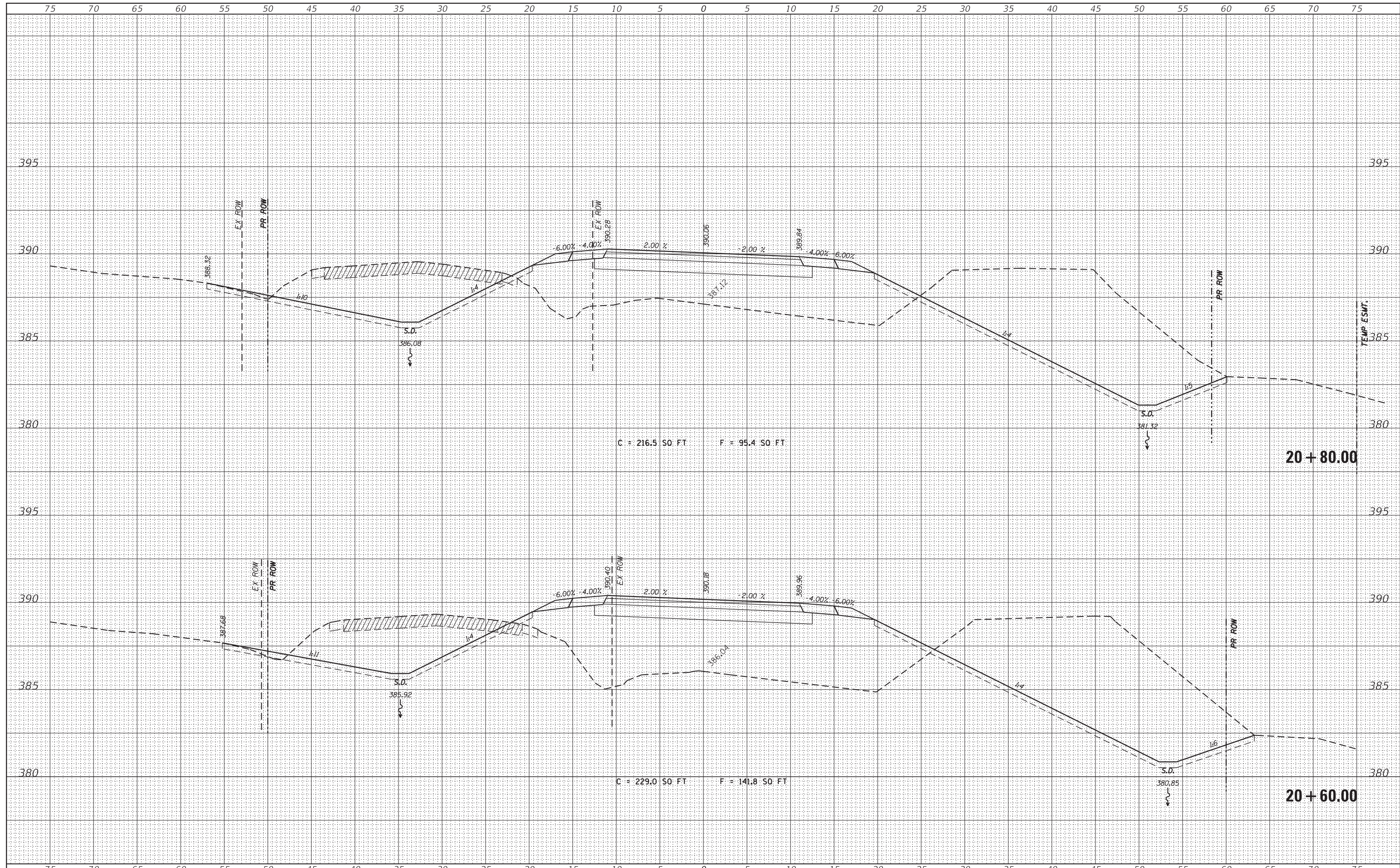
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 20+20.00 TO STA. 20+40.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	65
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn

HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

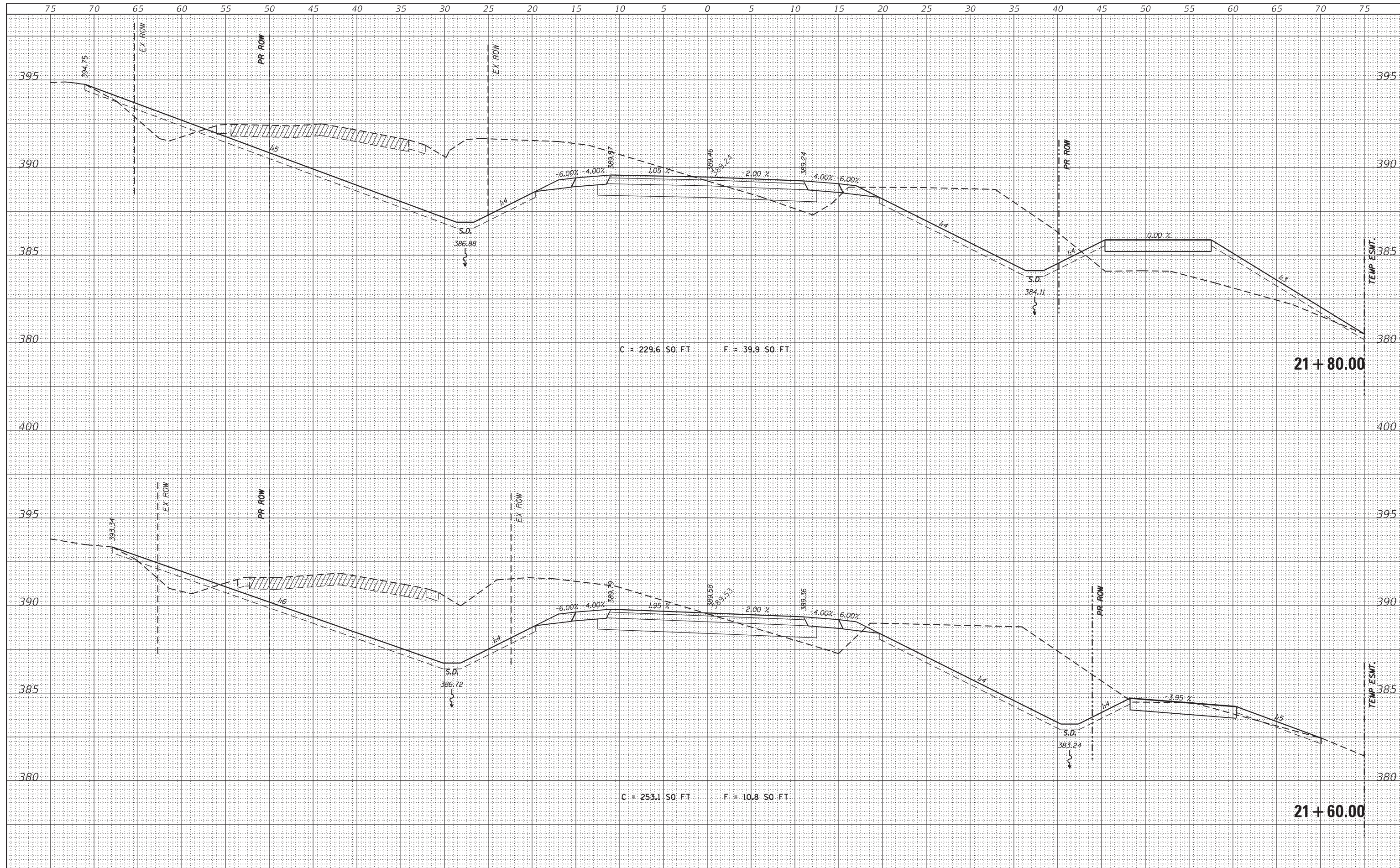
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 20+60.00 TO STA. 20+80.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	66
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED	-	REVISED	-
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STATE OF ILLINOIS
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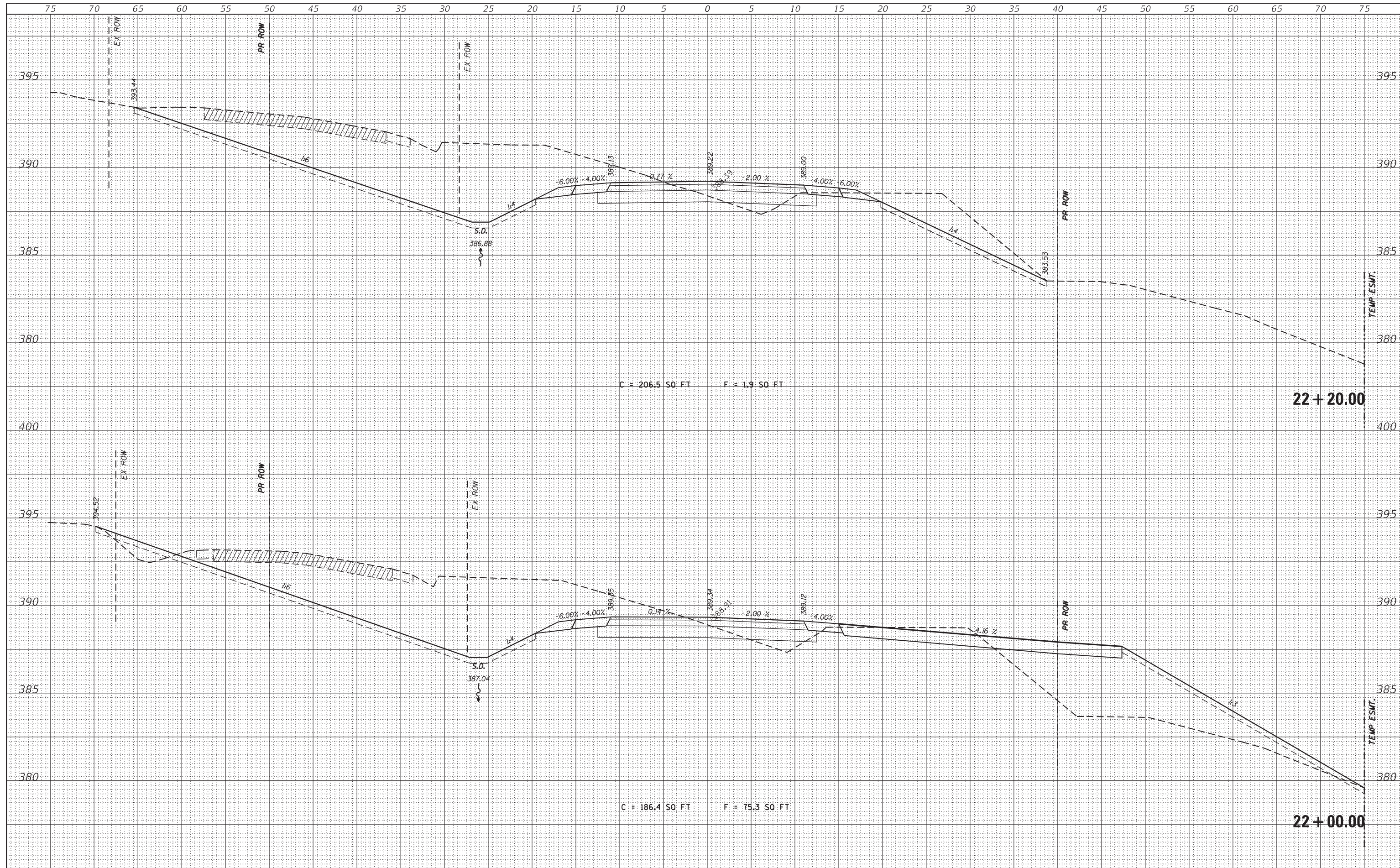
SCALE:	SHEET	OF	SHEETS	STA. 21+60.00	TO STA. 21+80.00
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CROSS SECTIONS

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	69
CONTRACT NO. 99608			ILLINOIS FED. AID PROJECT	

DATE	
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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
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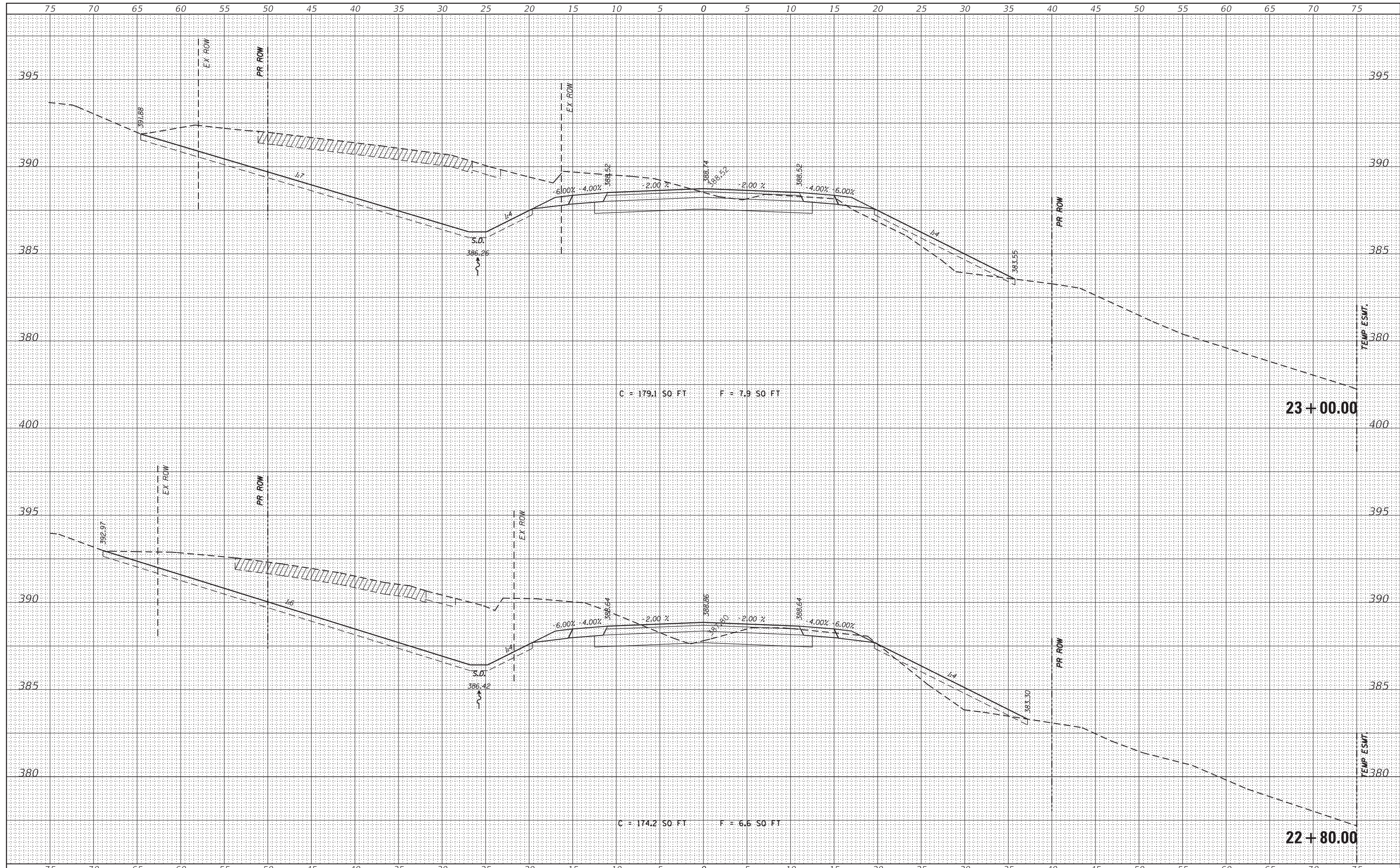
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 22+00.00 TO STA. 22+20.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	70
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

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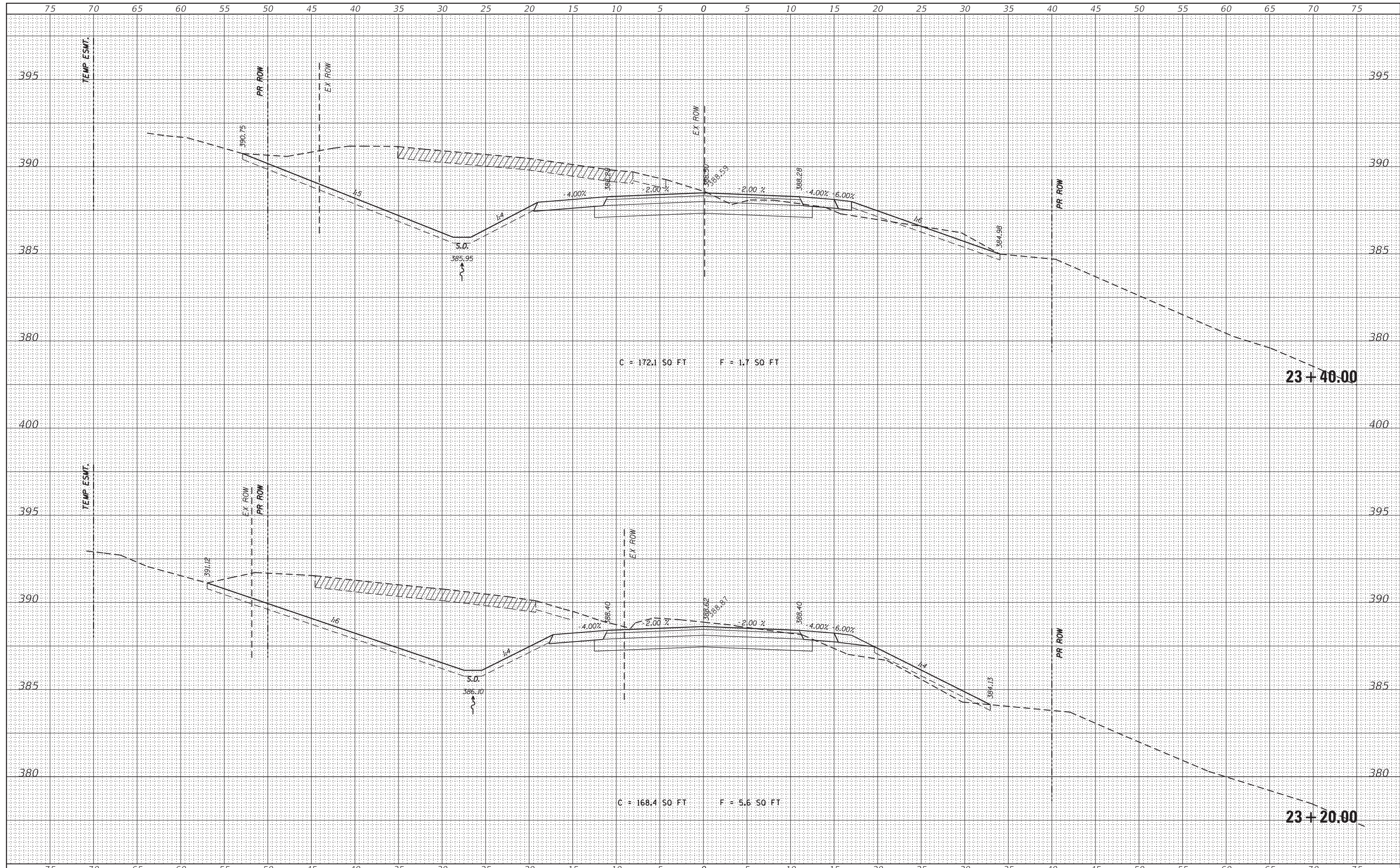
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 22+80.00	TO	STA. 23+00.00
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CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	72
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED	-	REVISED	-
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

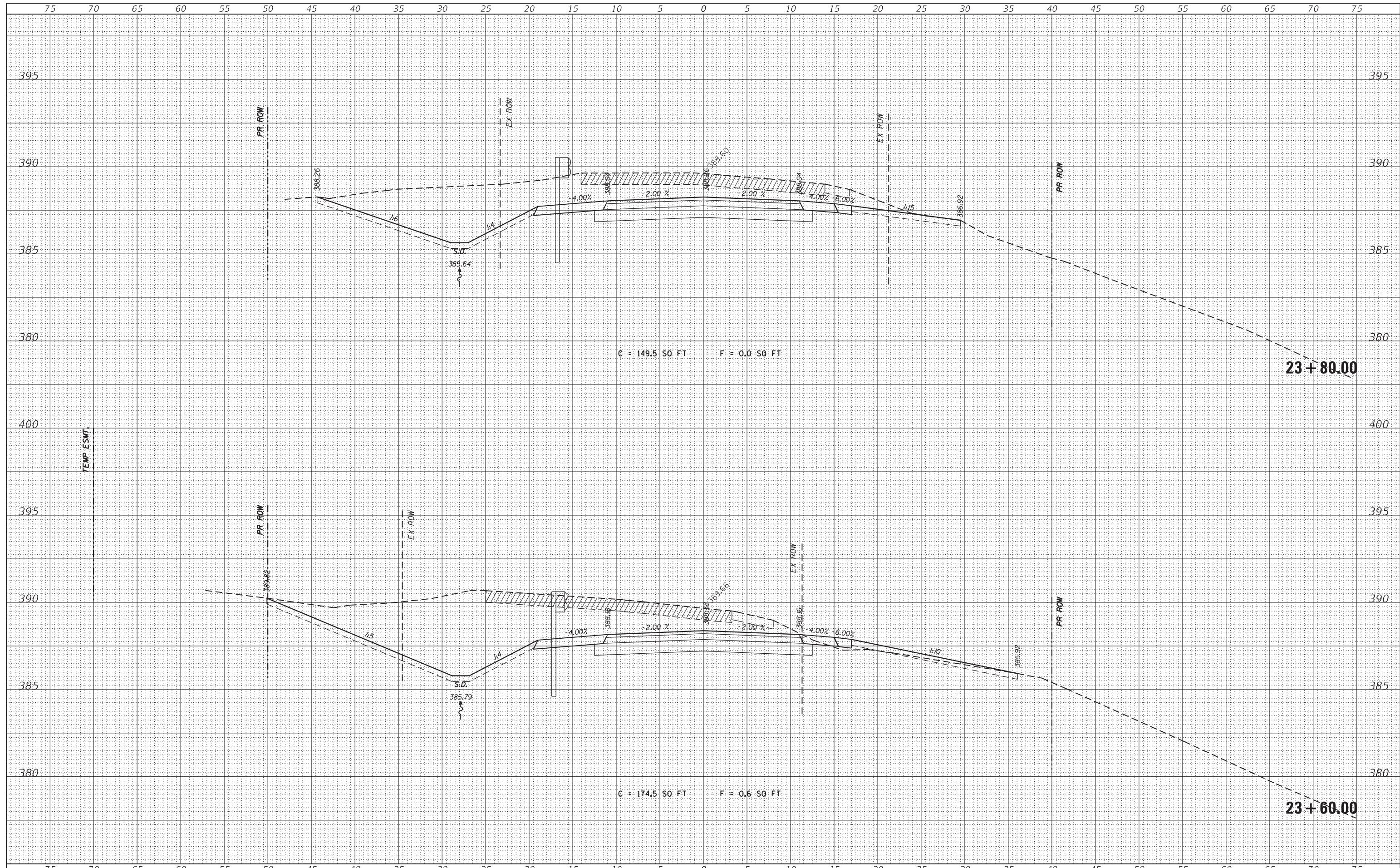
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 23+20.00 TO STA. 23+40.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	73
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REvised -
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DATE -	REvised -
USER NAME = KSchwier.john	
PLOT SCALE = 5.0000' / 1in.	
PLOT DATE = 10/18/2018	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

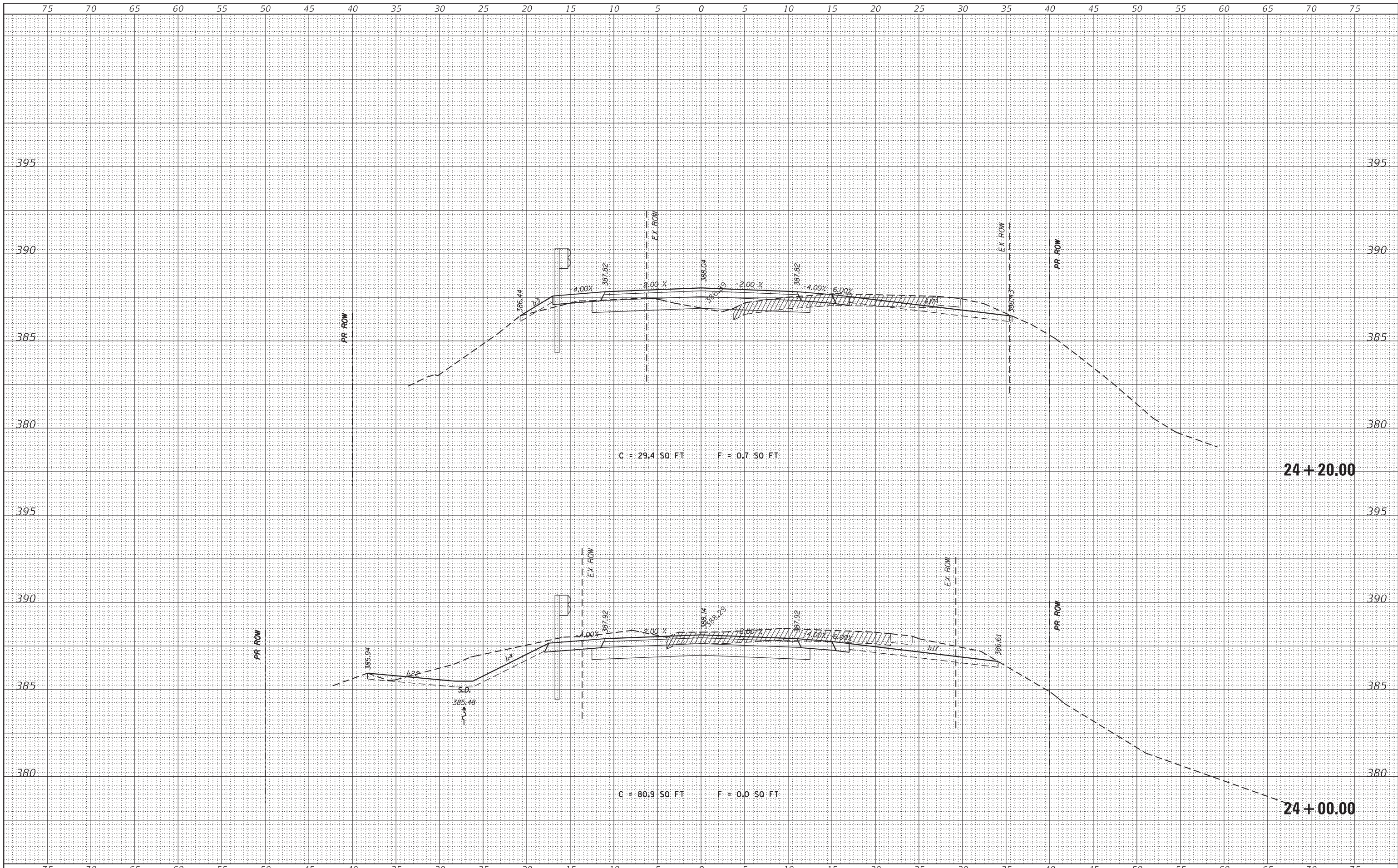
SCALE:	SHEET	OF	SHEETS	STA. 23+60.00	TO	STA. 23+80.00
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CROSS SECTIONS

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	74
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9380 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
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USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
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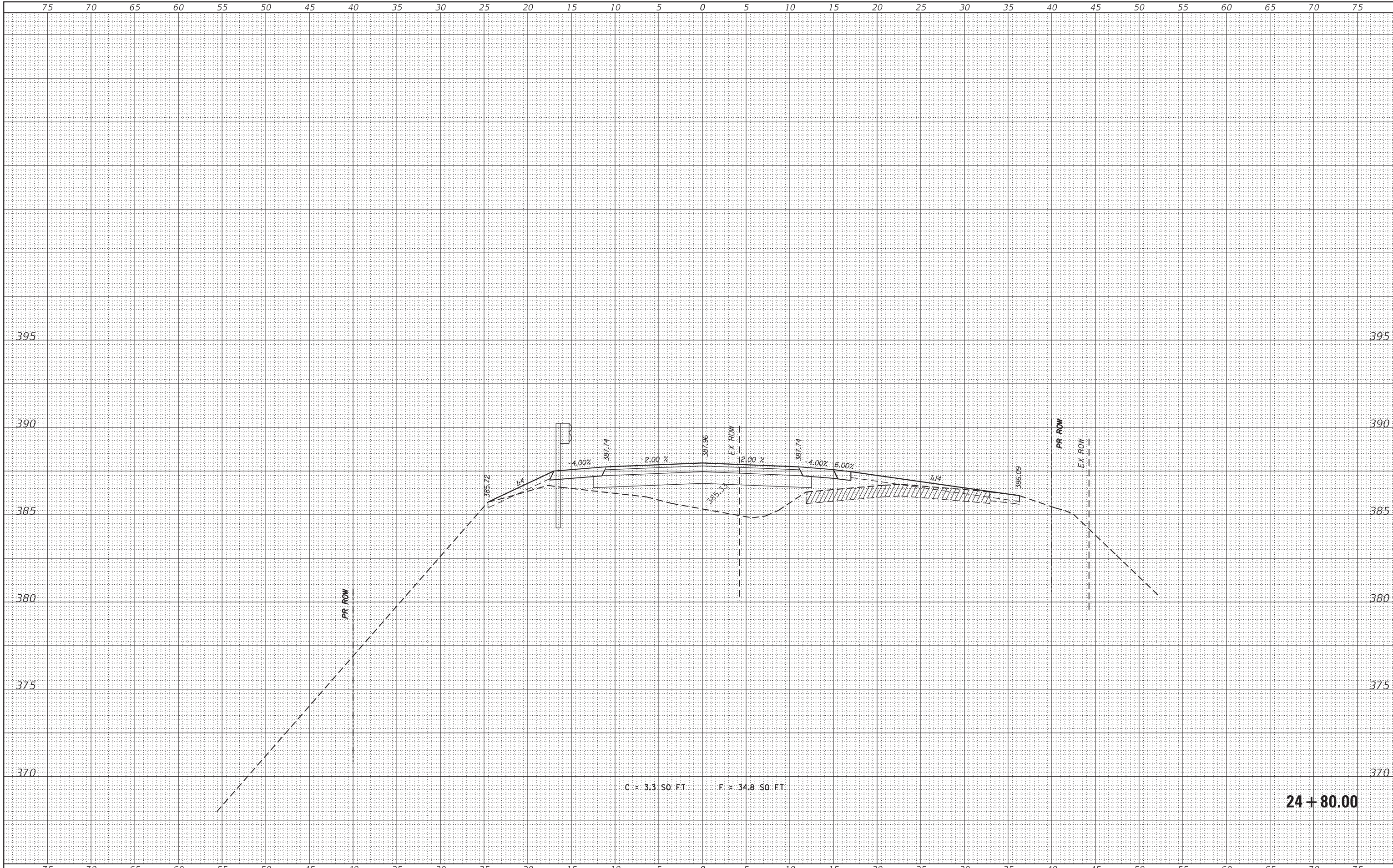
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 24+00.00 TO STA. 24+20.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	75
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492_JacksonCounty_DillingerRd\VCADD_Sheets\7492_SHT_XSSHT.dgn
HMG HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611
 USER NAME = KSchwier_john
 PLOT SCALE = 5,0000 ' / 1".
 PLOT DATE = 10/18/2018

DESIGNED	-	REVISIED	-
DRAWN	-	REVISIED	-
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DATE	-	REVISIED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

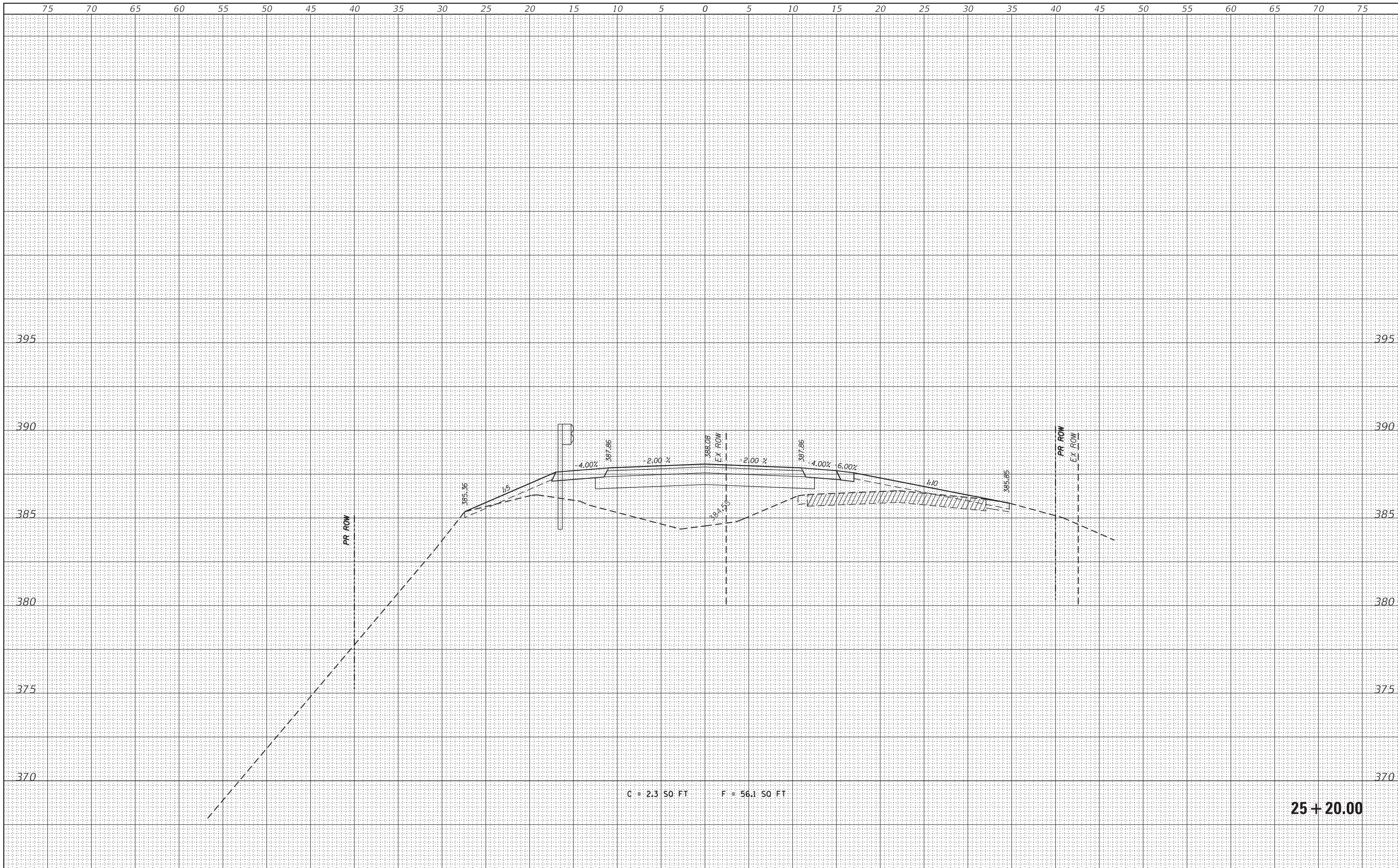
SCALE: SHEET OF SHEETS STA. 24+80.00 TO STA. 24+80.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	77
				CONTRACT NO. 99608

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
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ORIGINAL SURVEY	
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FILE NAME = H:\7492.JacksonCounty.DillingRd\VCADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

REVISÉ -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 25+20.00 TO STA. 25+20.00

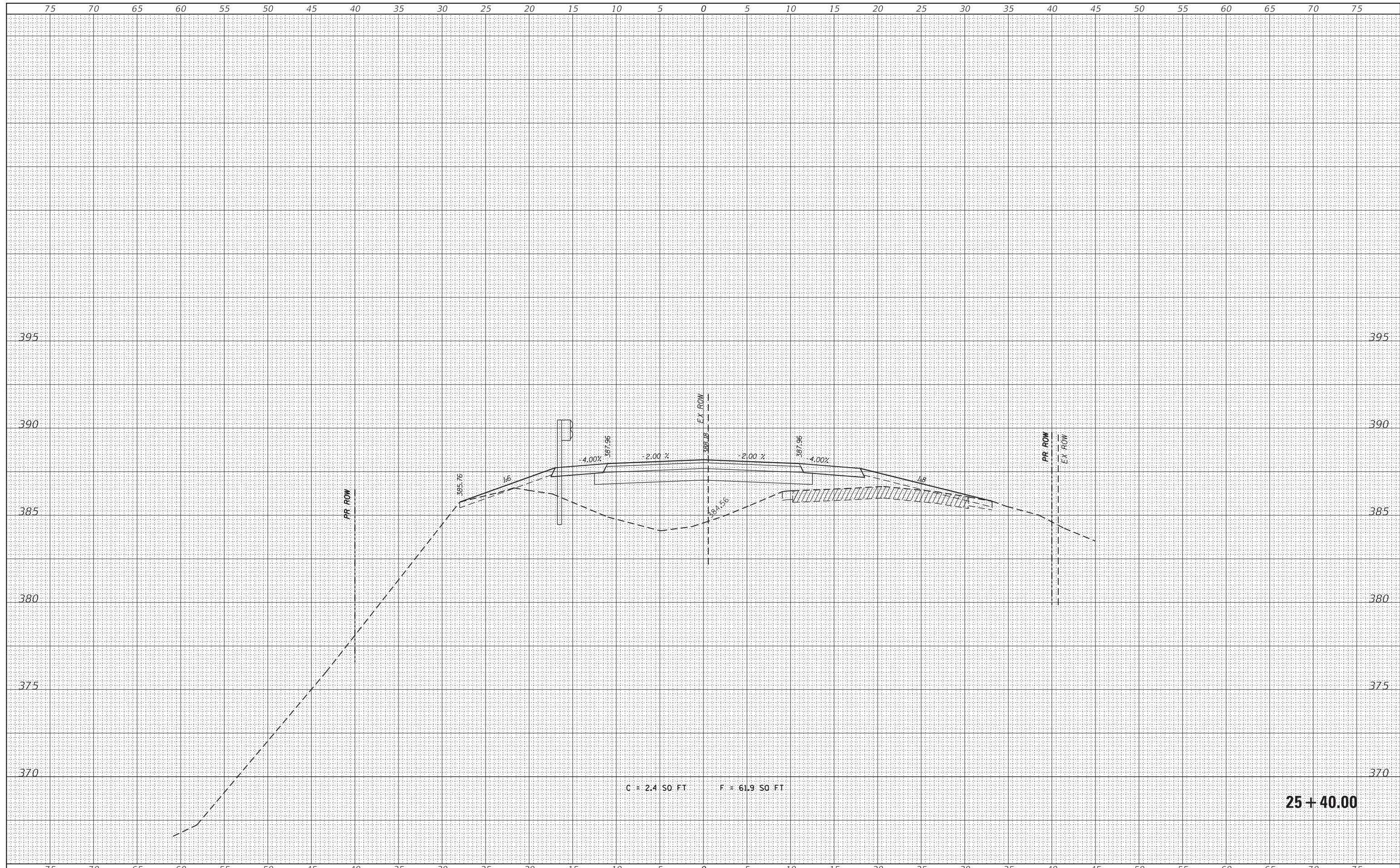
CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	79
			CONTRACT NO. 99608	
ILLINOIS FED. AID PROJECT				

25 + 20.00

C = 2.3 SQ. FT F = 56.1 SQ. FT

DATE	
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FINL SURVEY	
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FILE NAME = H:\7492.JacksonCounty.DillingRd\CAADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -
USER NAME = KSchwier.john	
PLOT SCALE = 5.0000' / 1" =	
PLOT DATE = 10/18/2018	

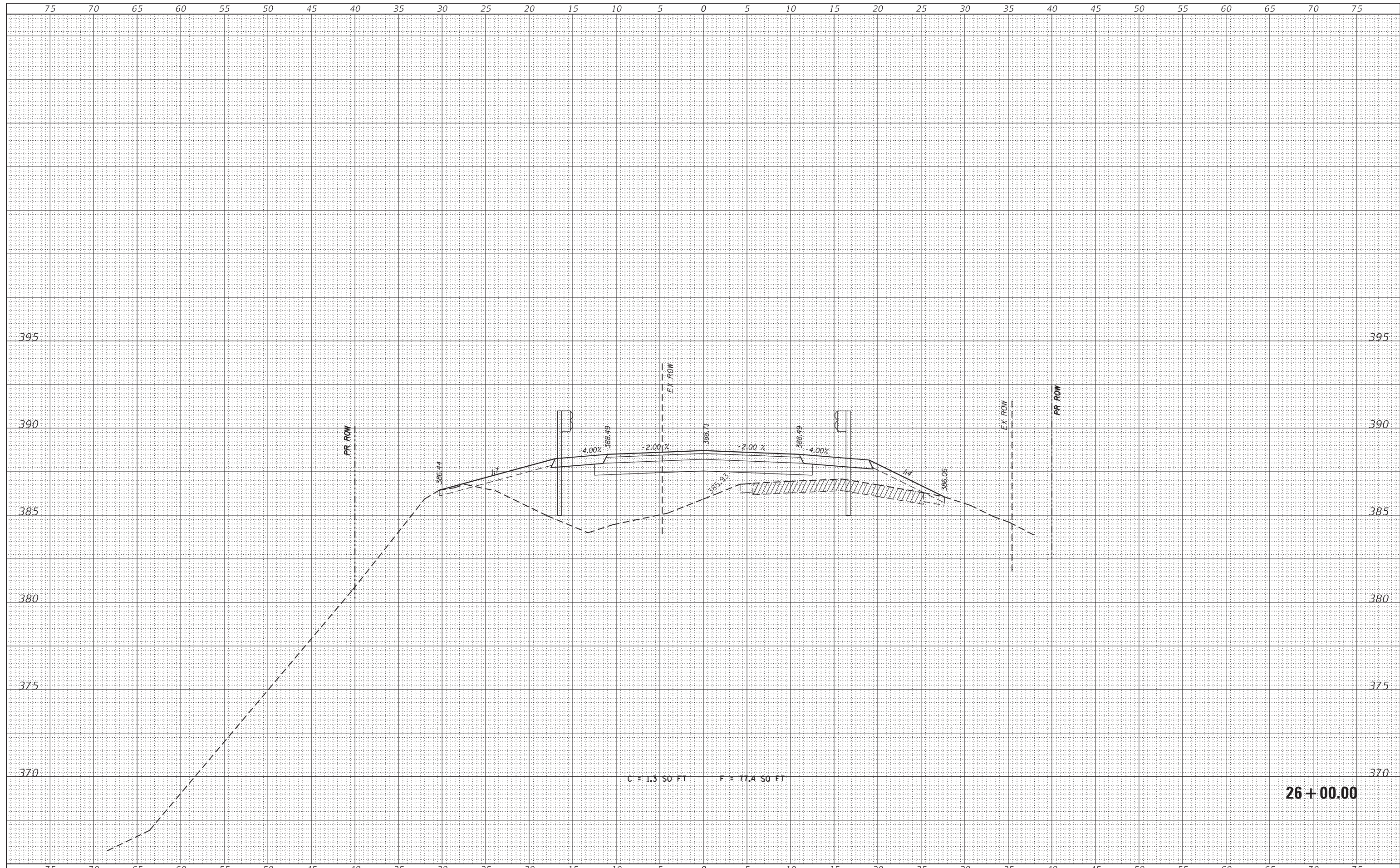
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 25+40.00 TO STA. 25+40.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	80
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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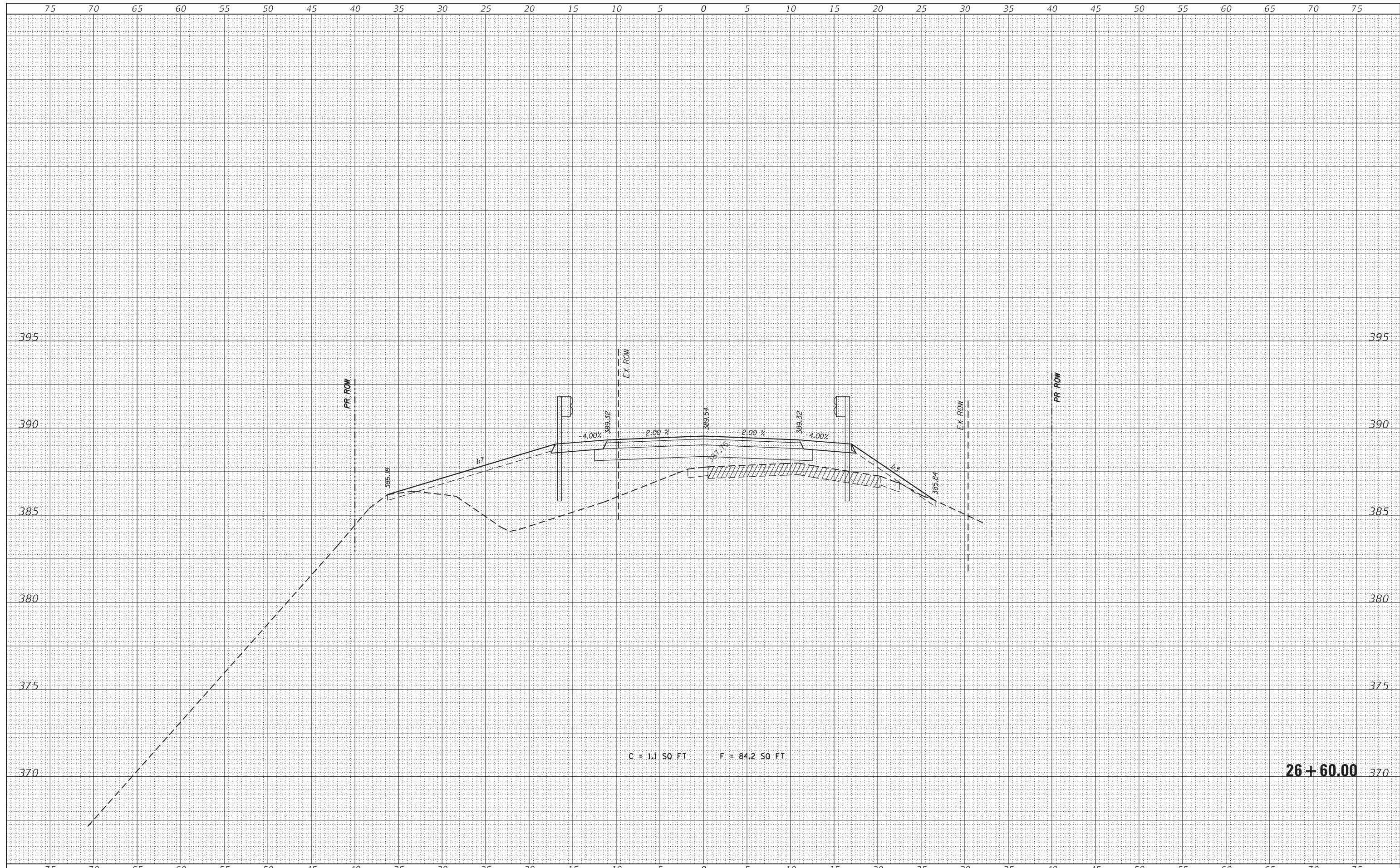
DATE	
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ORIGINAL SURVEY	
PLOTTED TEMPLATE	
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FILE NAME = H:\7492.JacksonCounty.DillingRd\CAD.Sheets\7492.SHT.XSSHT.dgn	DESIGNED -	REVISÉ -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwier.john	REVISÉ -			11	16-00175-00-SP	JACKSON	109	83
PLOT SCALE = 5.0000' / 1" =	CHECKED -	REVISÉ -			CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISÉ -			SCALE:	SHEET	OF	SHEETS	STA. 26+00.00

DATE	
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FINL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
NOTE BOOK	
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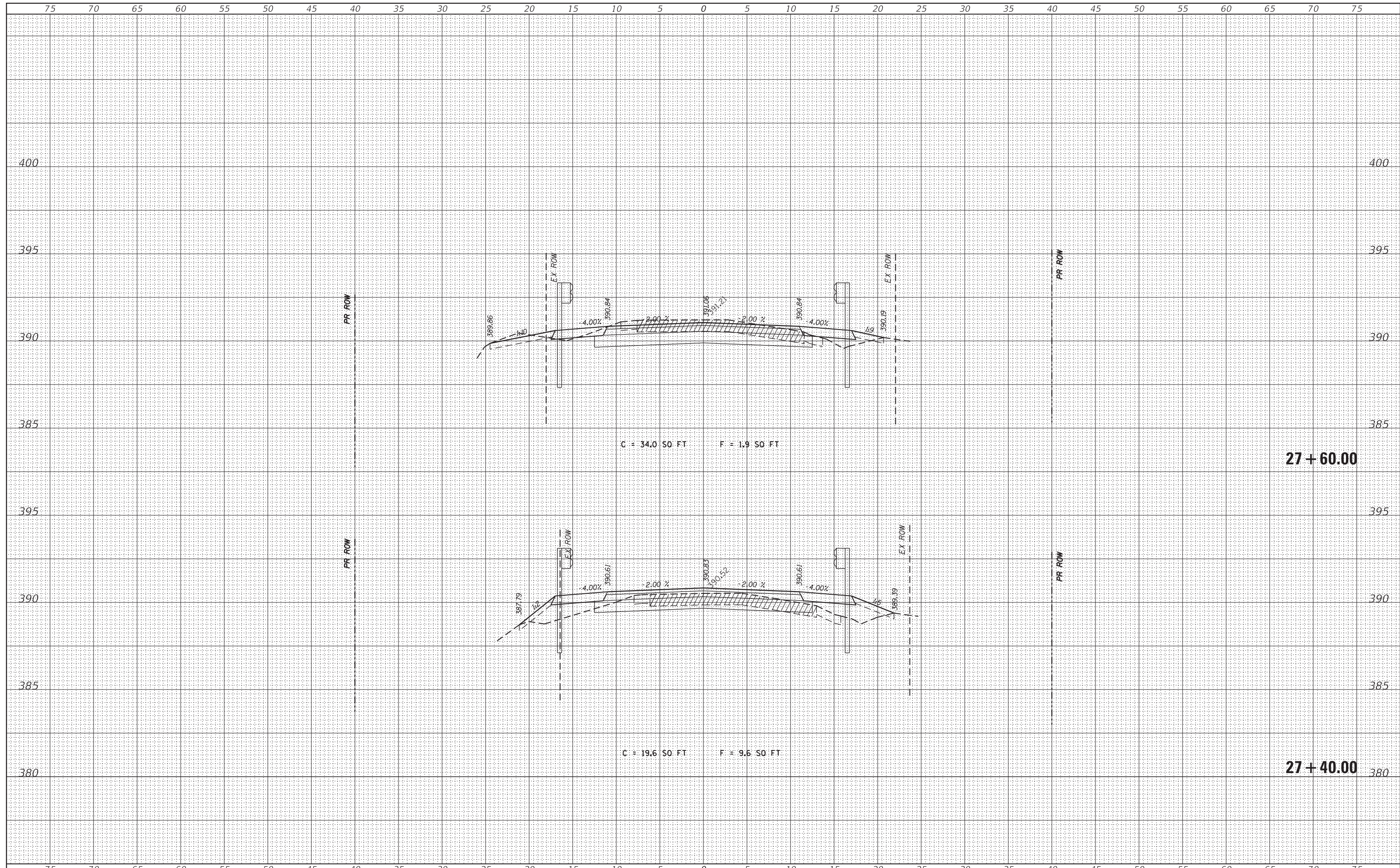


FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SCALE: SHEET OF SHEETS STA. 26+60.00 TO STA. 26+60.00	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwier.john	REVISD -			11	16-00175-00-SP	JACKSON	109	86
PLOT SCALE = 5,0000' / 1in.	CHECKED -	REVISD -			CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISD -			ILLINOIS FED. AID PROJECT				

26 + 60.00

DATE	
BY	
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AREAS CHECKED	
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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

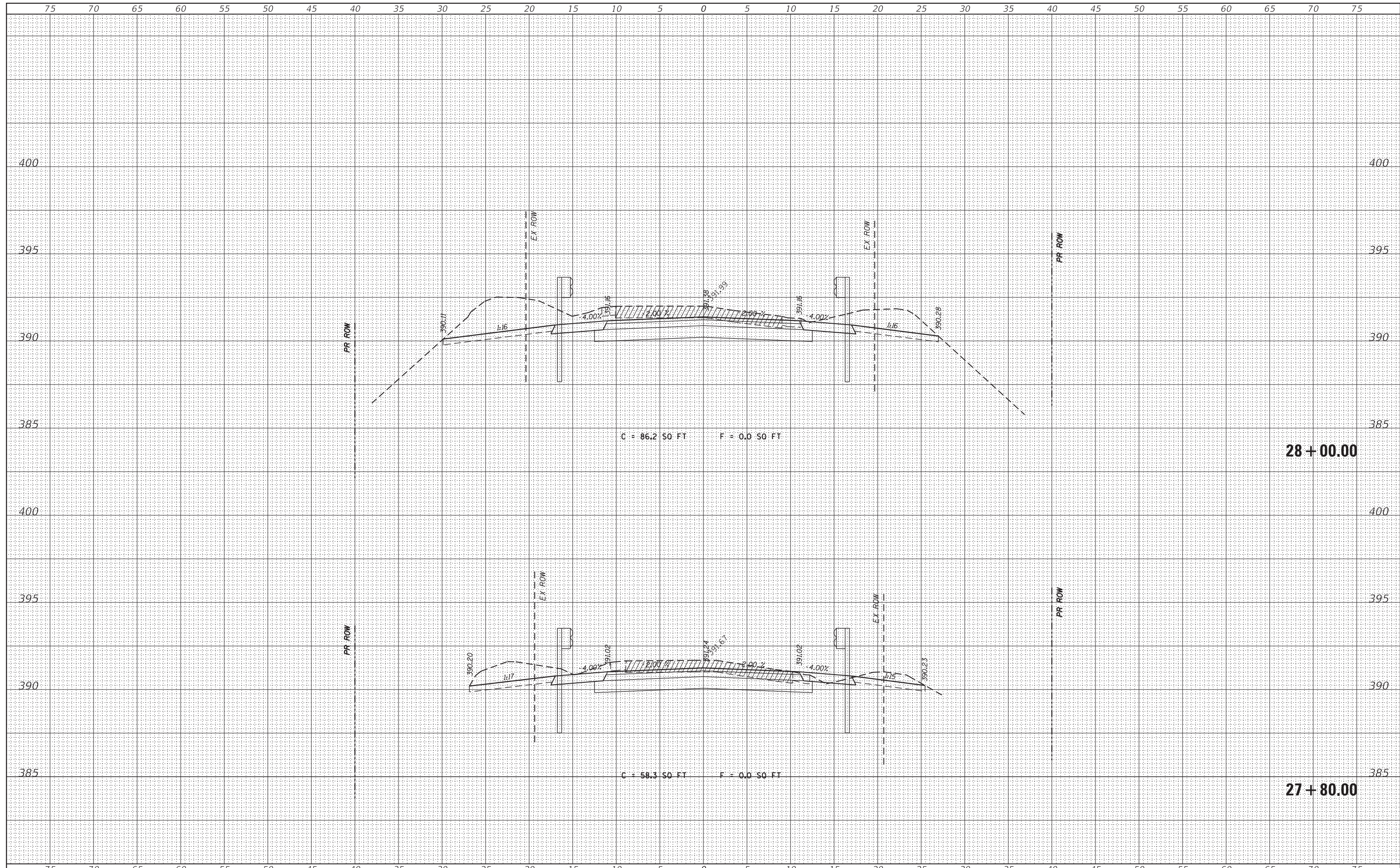
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET	OF	SHEETS	STA. 27+40.00	TO STA. 27+60.00
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CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	89
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

DATE	
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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

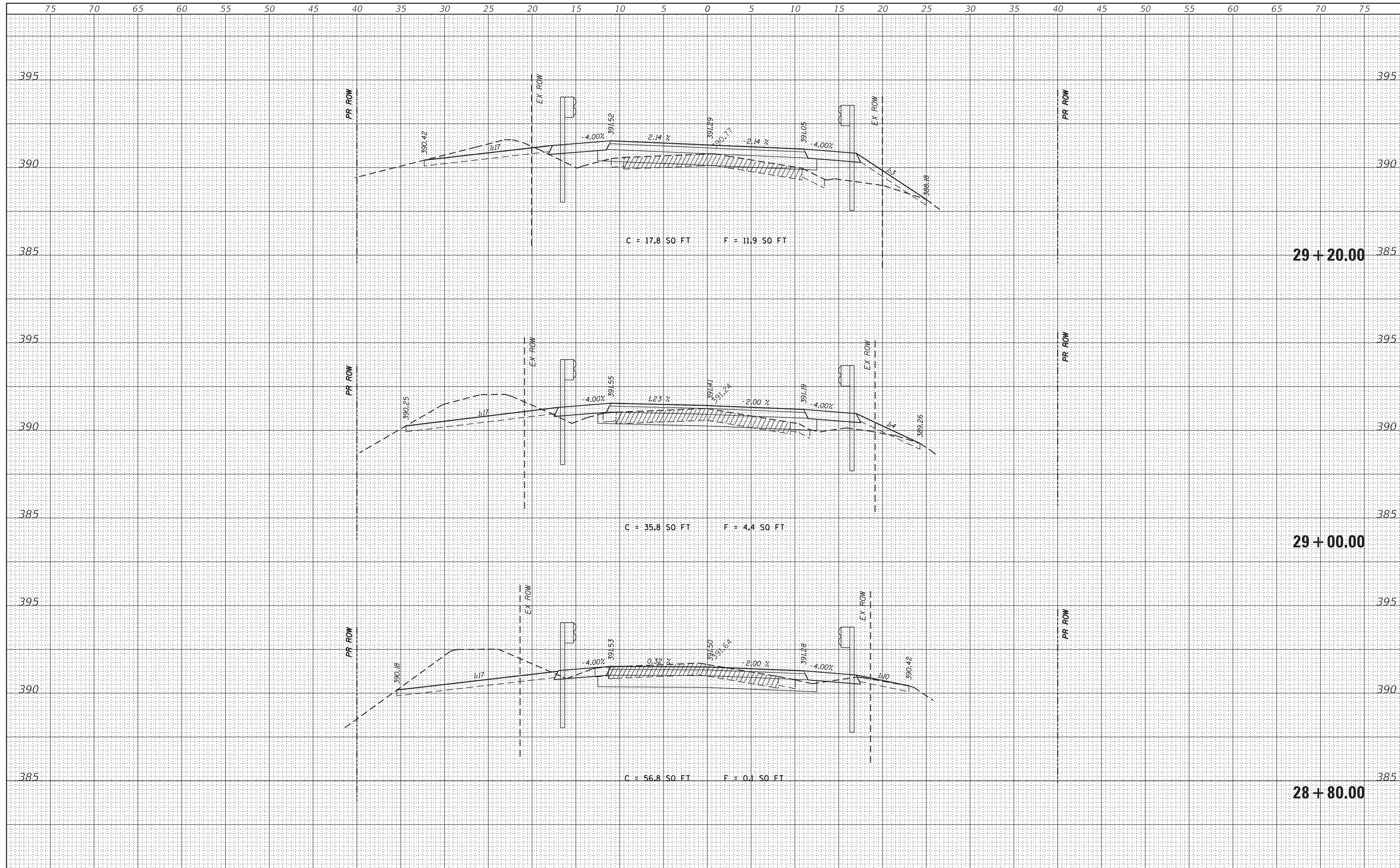
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 27+80.00 TO STA. 28+00.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	90
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME = KSchwier.john
PLOT SCALE = 5.0000' / 1" =
PLOT DATE = 10/18/2018

DESIGNED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

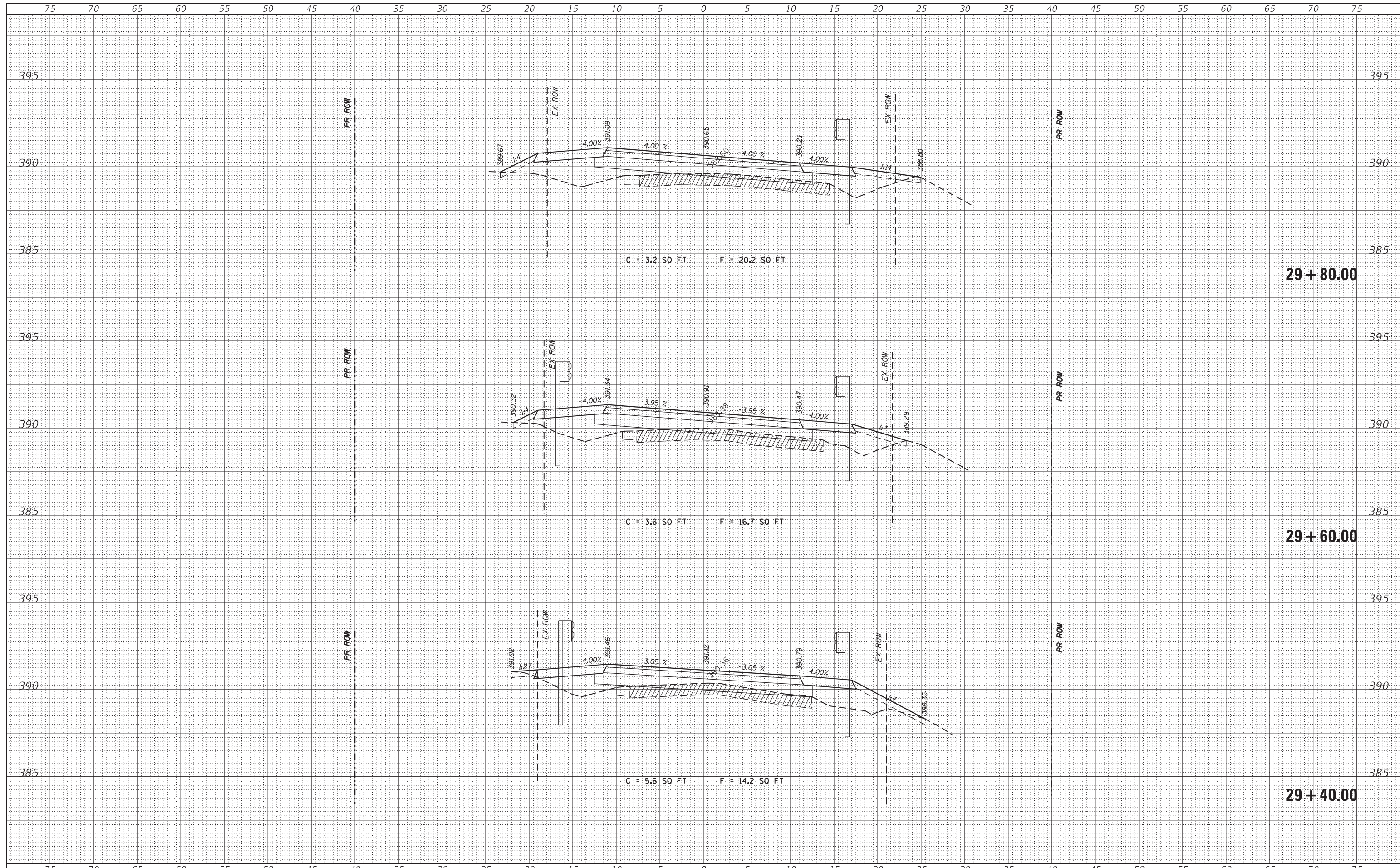
SCALE: SHEET OF SHEETS STA. 28+80.00 TO STA. 29+20.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	92
CONTRACT NO. 99608				

ILLINOIS FED. AID PROJECT

DATE	
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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
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USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

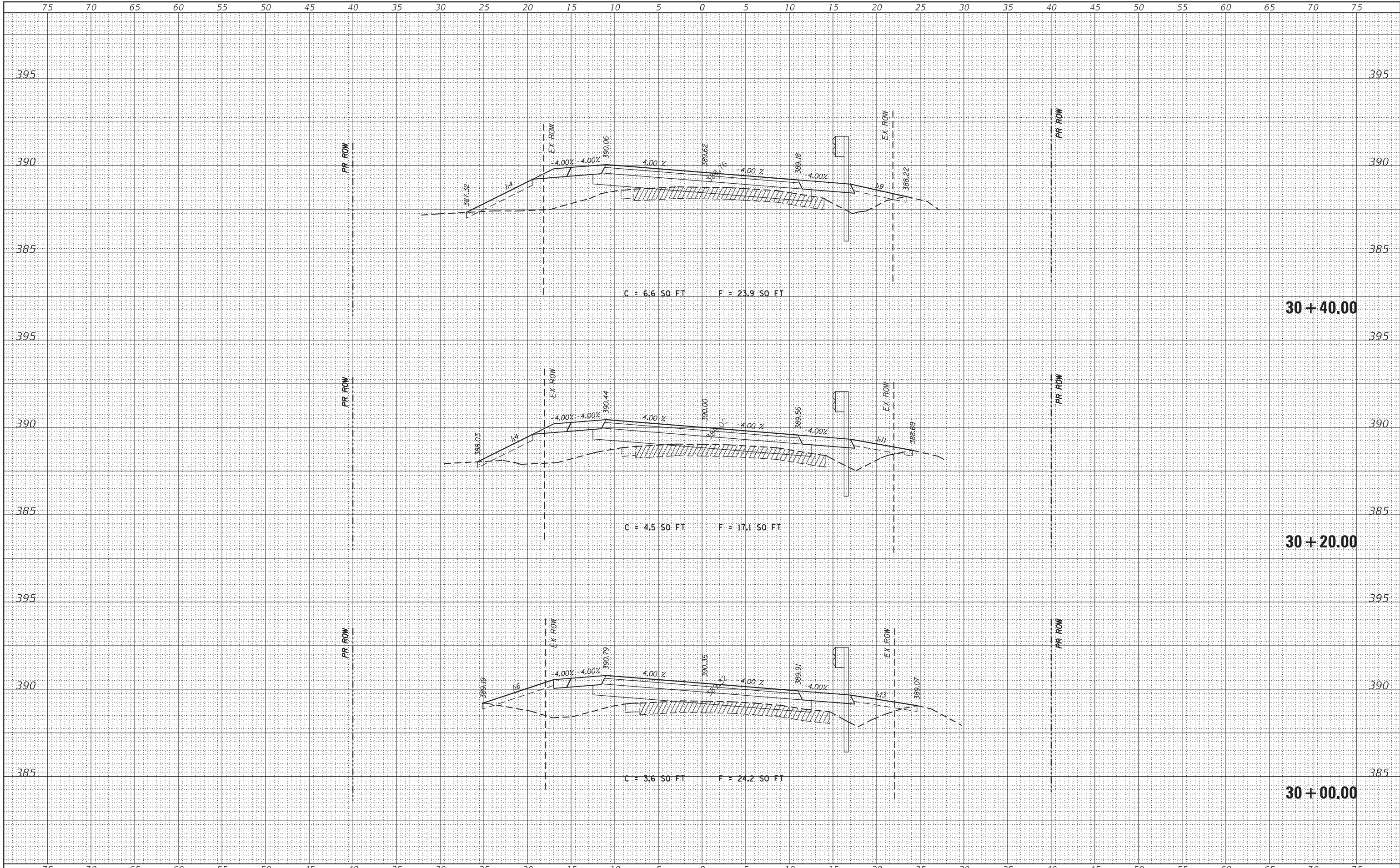
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 29+40.00 TO STA. 29+80.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	93
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn

HMG
ENGINEERS • SURVEYORS
HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME = KSchwier.john
PLOT SCALE = 5.0000' / 1" =
PLOT DATE = 10/18/2018

DESIGNED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

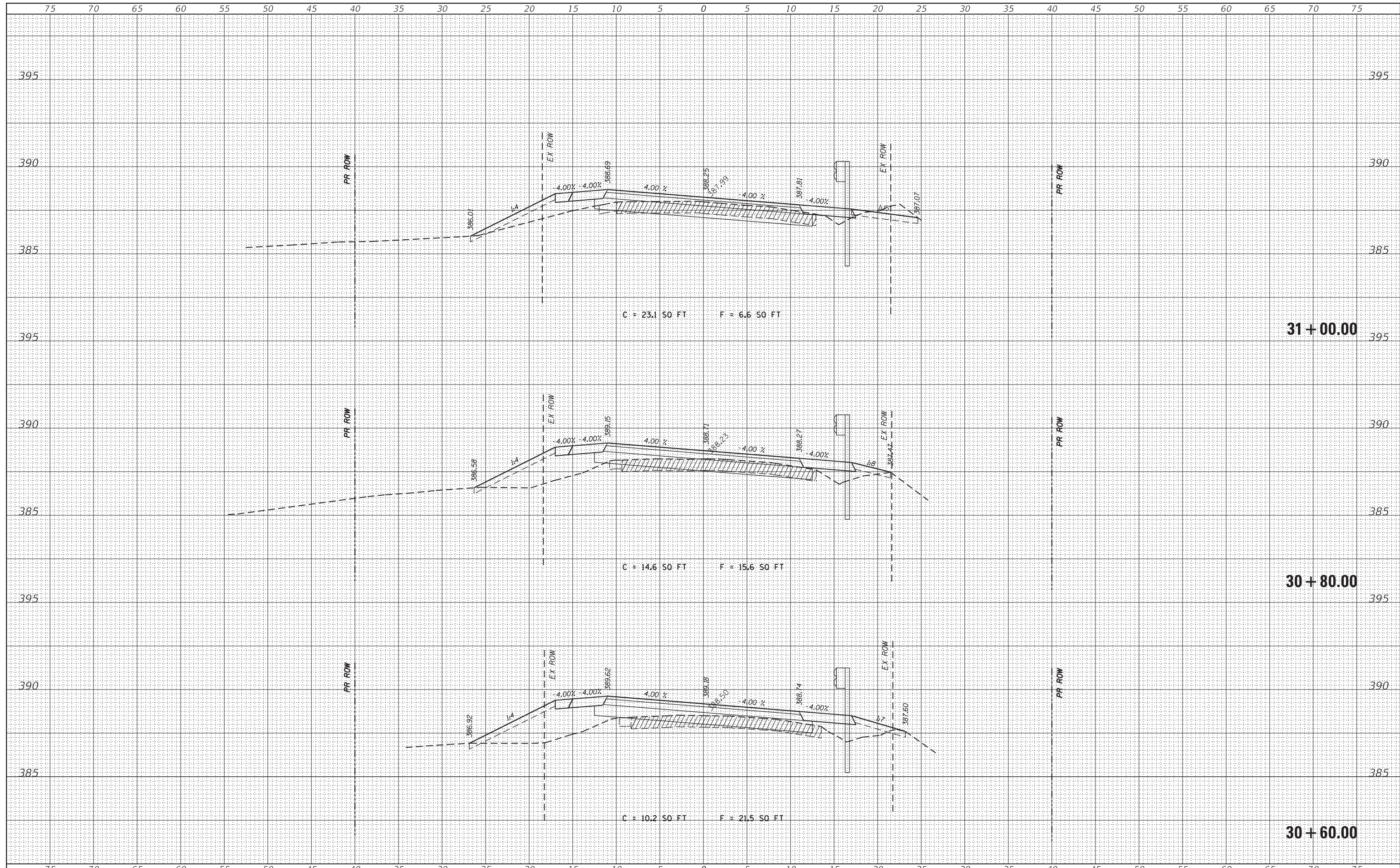
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 30+00.00 TO STA. 30+40.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	94
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn

HMG HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

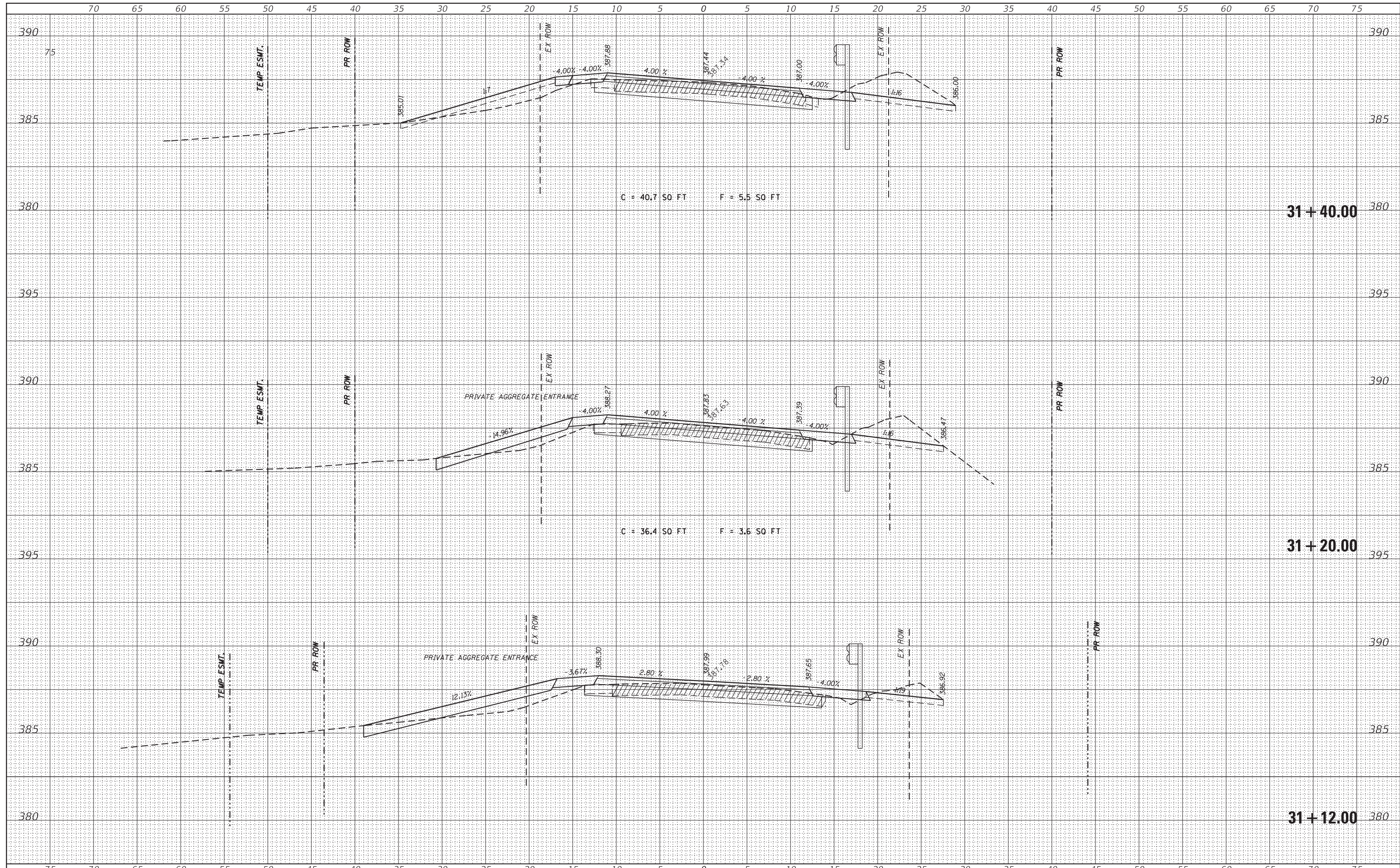
SCALE: SHEET OF SHEETS STA. 30+60.00 TO STA. 31+00.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	95
CONTRACT NO. 99608				

ILLINOIS FED. AID PROJECT

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HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

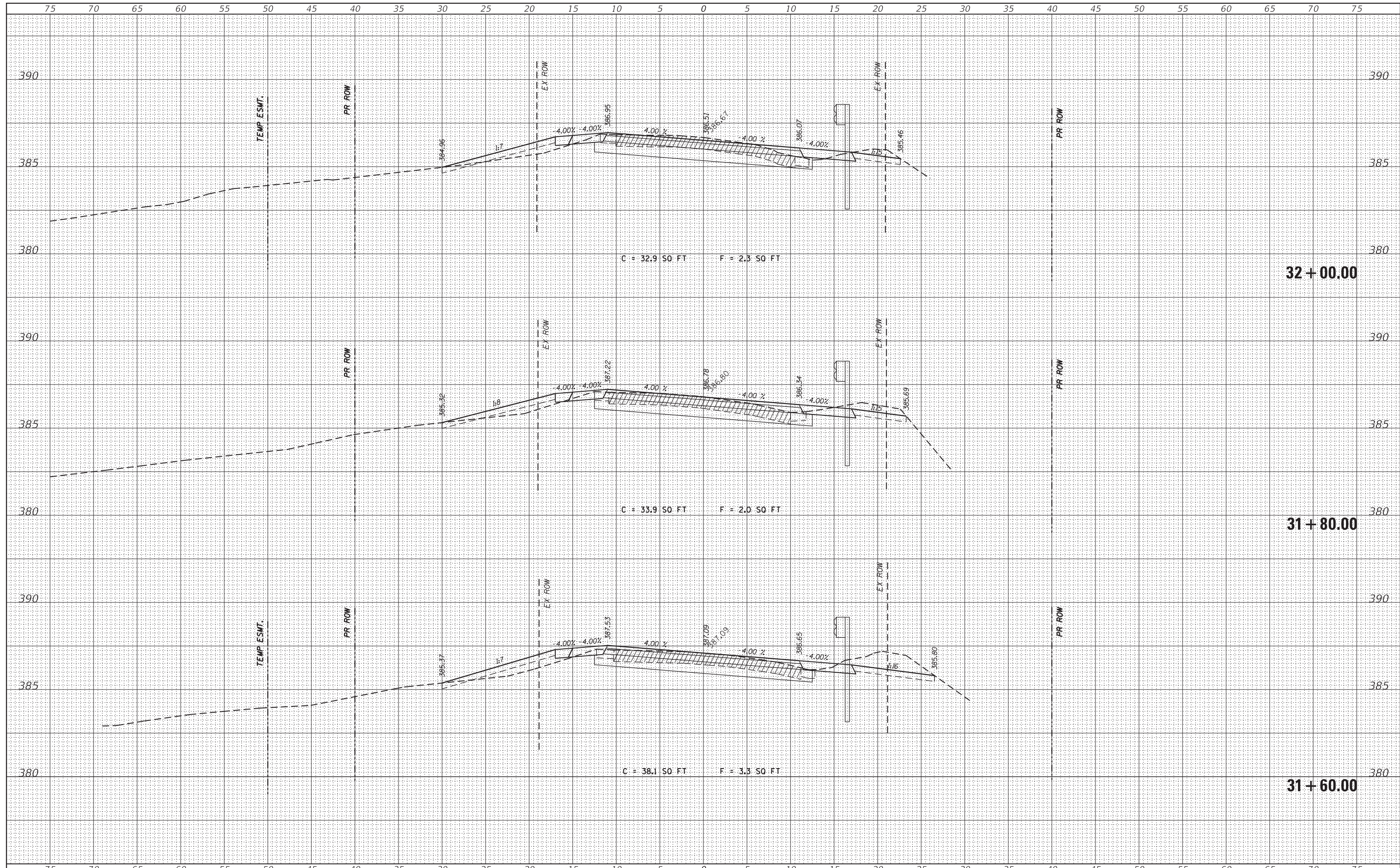
SCALE: SHEET OF SHEETS STA. 31+12.00 TO STA. 31+40.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	96
CONTRACT NO. 99608				

ILLINOIS FED. AID PROJECT

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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
 DRAWN -
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 DATE -

USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

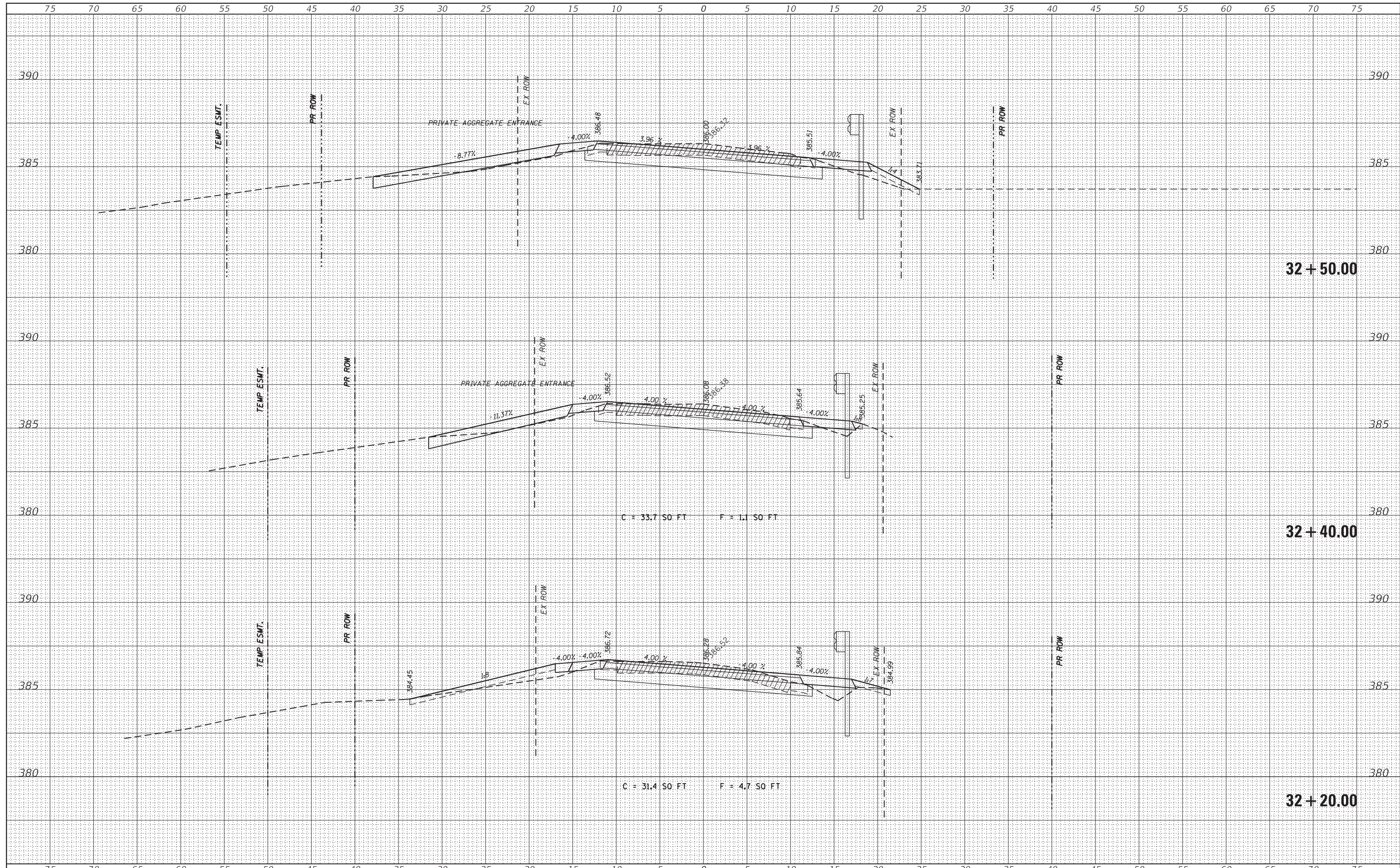
SCALE: SHEET OF SHEETS STA. 31+60.00 TO STA. 32+00.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	97
CONTRACT NO. 99608				

ILLINOIS FED. AID PROJECT

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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
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USER NAME = KSchwier.john
 PLOT SCALE = 5.0000' / 1" =
 PLOT DATE = 10/18/2018

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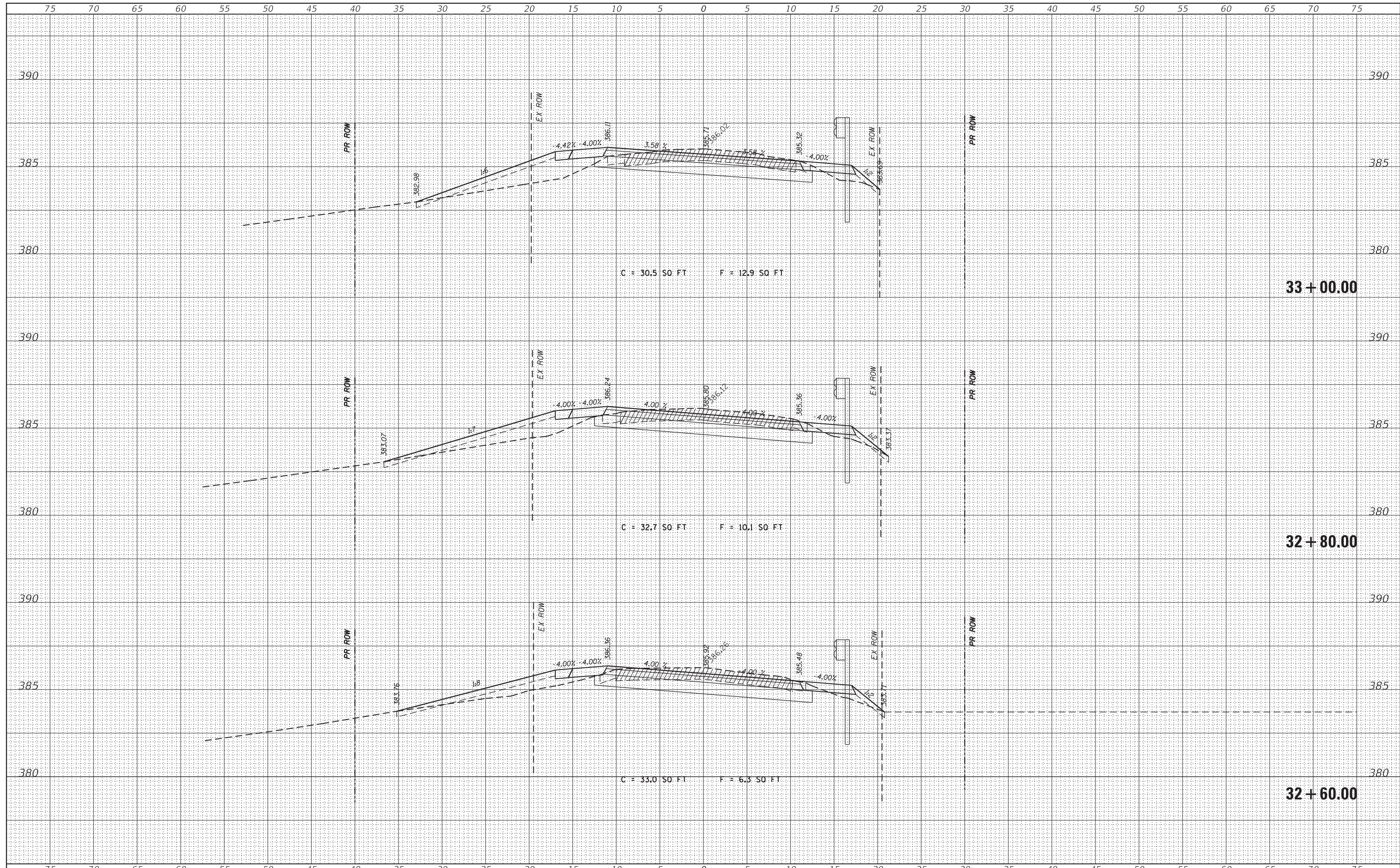
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 32+20.00 TO STA. 32+50.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	98
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

DATE	
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FINISHED SURVEY	
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NOTE BOOK	
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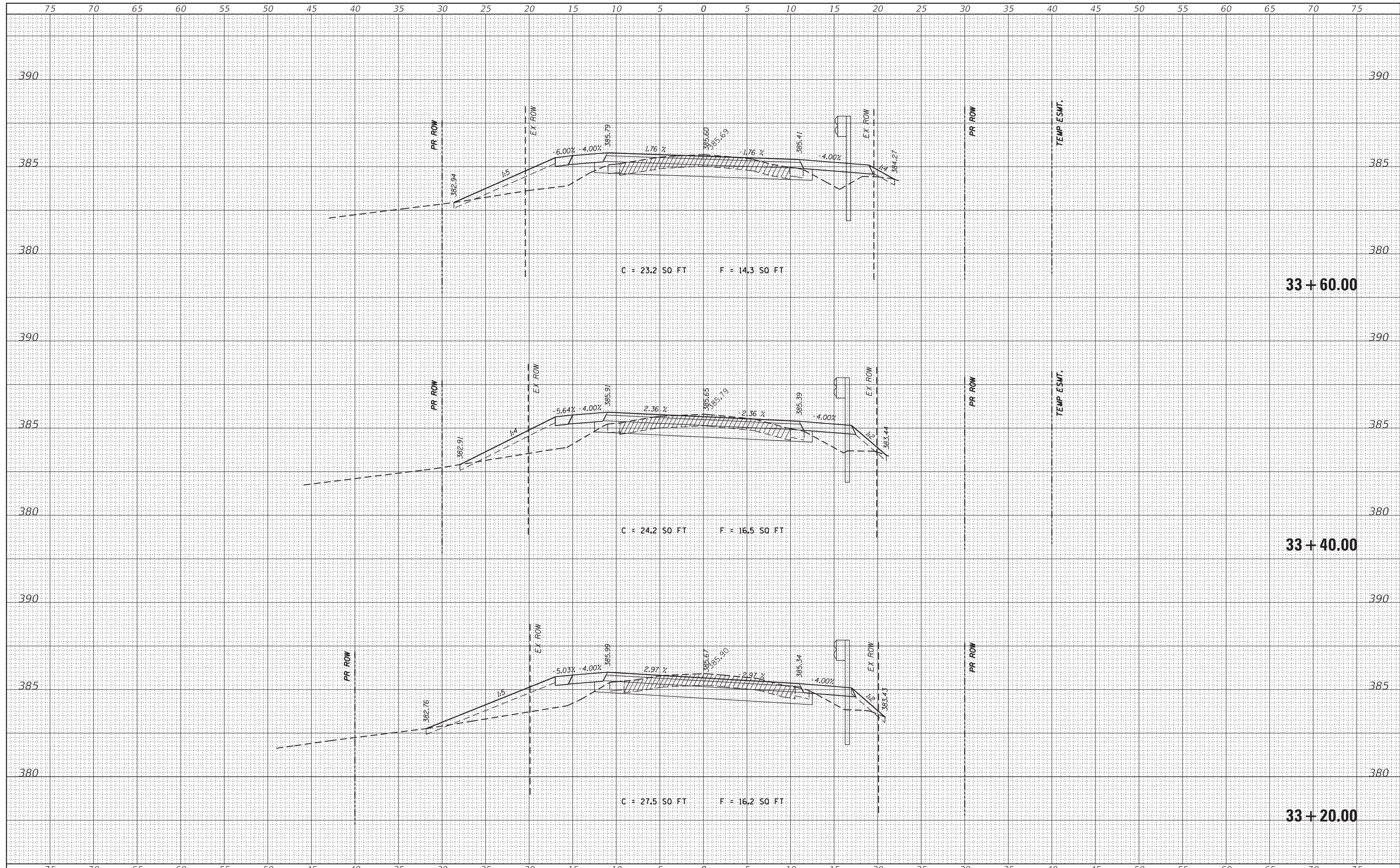
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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611	USER NAME = KSchwier.john	REVISD -			11	16-00175-00-SP	JACKSON	109	99
PLOT SCALE = 5.0000' / 1" =	CHECKED -	REVISD -			CONTRACT NO. 99608				
PLOT DATE = 10/18/2018	DATE -	REVISD -			SCALE:	SHEET	OF	SHEETS	STA. 32+60.00

DATE	
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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
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CHECKED -	REVISIED -
DATE -	REVISIED -
USER NAME = KSchwier.john	
PLOT SCALE = 5,0000' / 1in.	
PLOT DATE = 10/18/2018	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

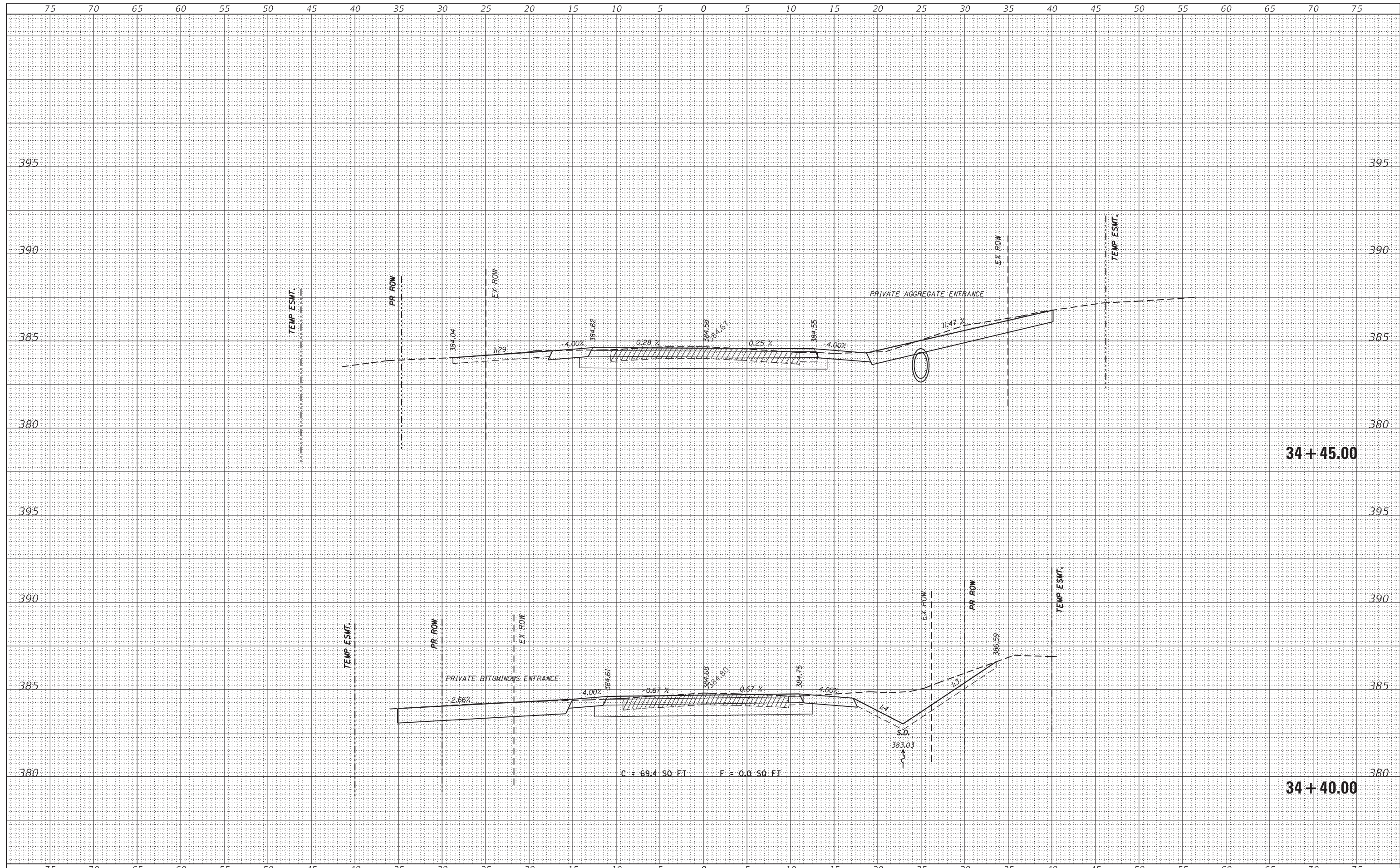
SCALE: SHEET OF SHEETS STA. 33+20.00 TO STA. 33+60.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	100
CONTRACT NO. 99608				

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINISHED SURVEY	
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FILE NAME = H:\7492.JacksonCounty.DillingerRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
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DATE -	REVISIED -

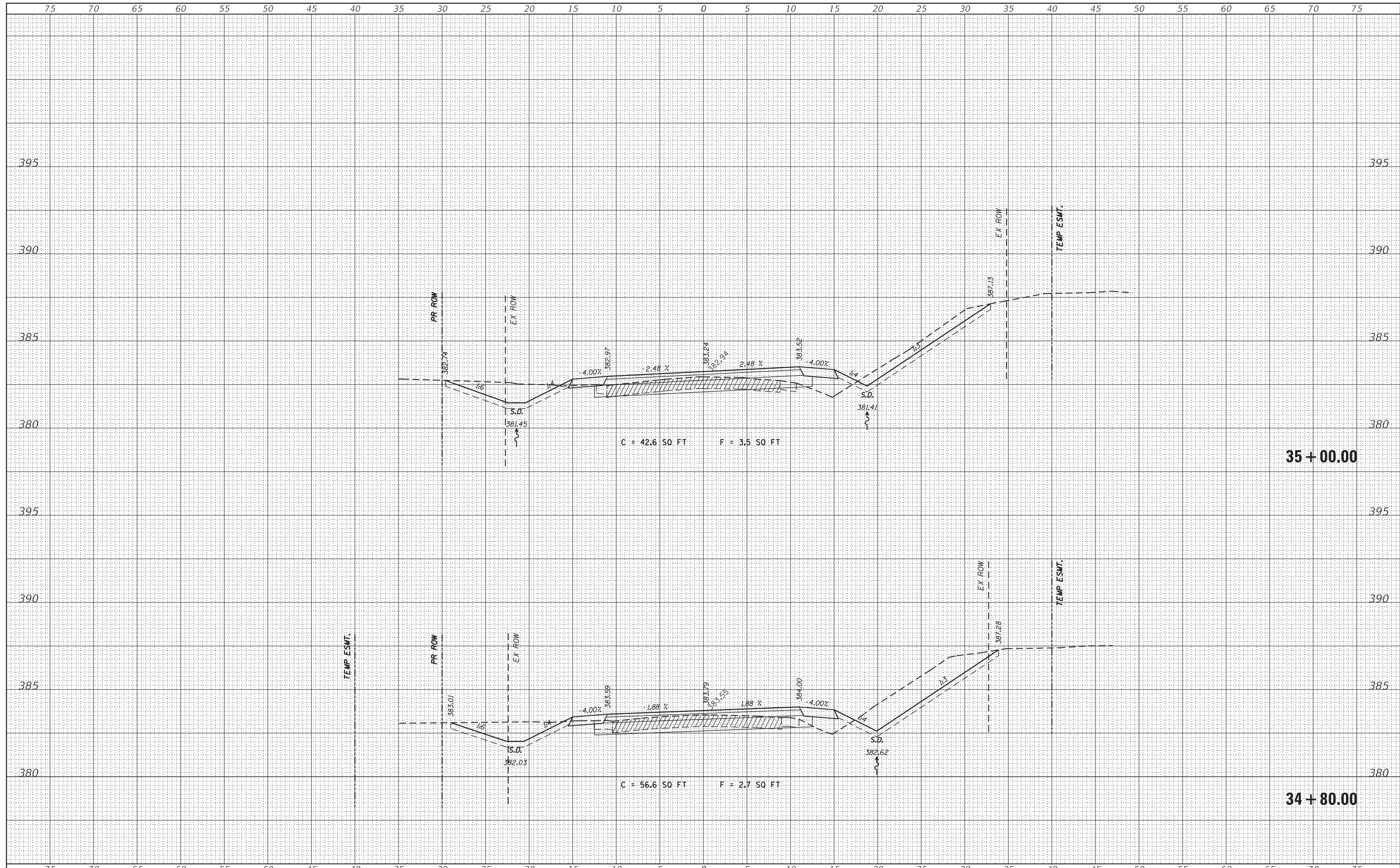
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE:	SHEET OF SHEETS STA. 34+40.00 TO STA. 34+45.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	102
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

DATE	
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PLOTTED TEMPLATE	
NOTE BOOK	
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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -
USER NAME = KSchwier.john	
PLOT SCALE = 5,0000' / 1in.	
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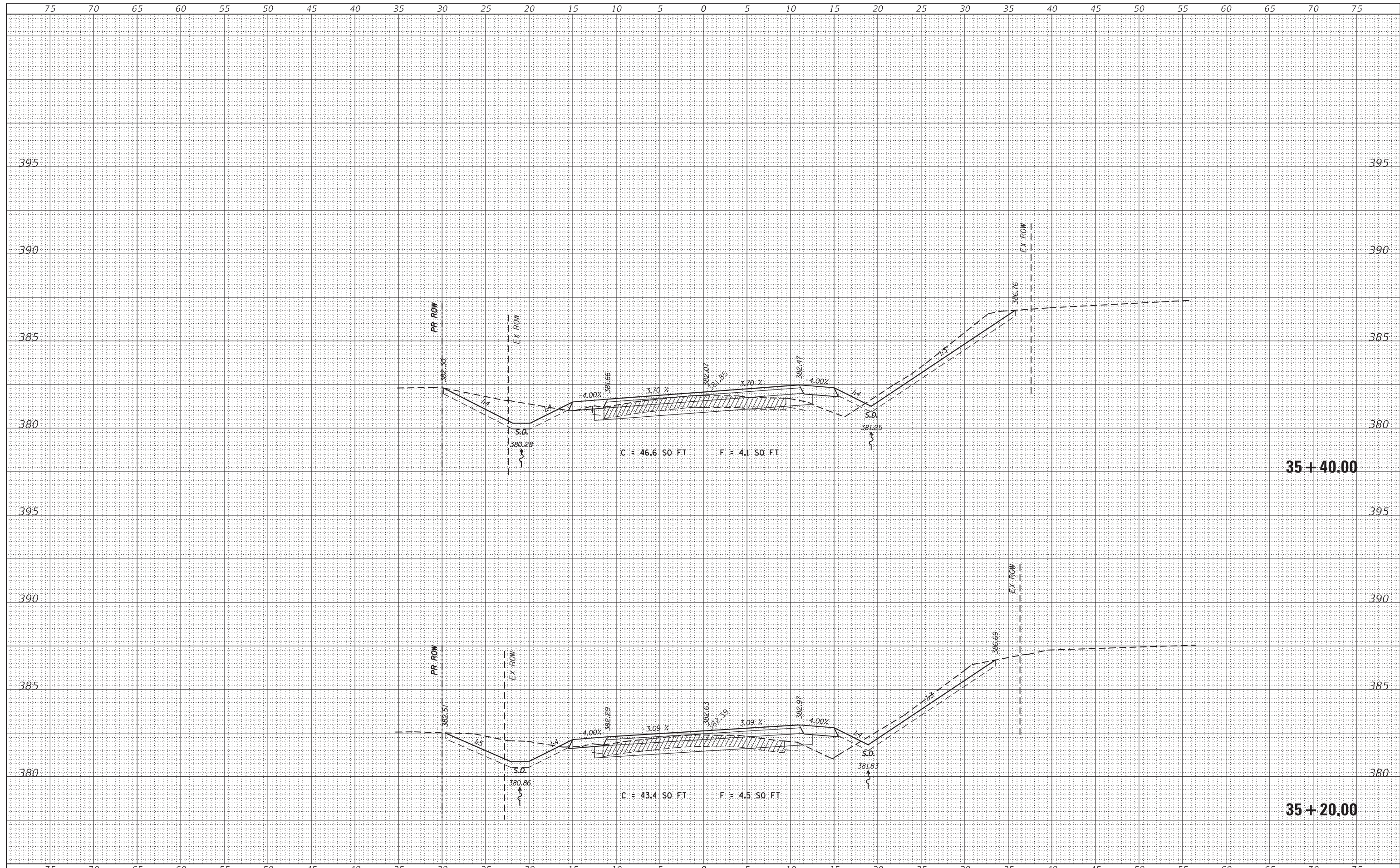
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 34+80.00 TO STA. 35+00.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	104
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
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DATE -	REVISIED -

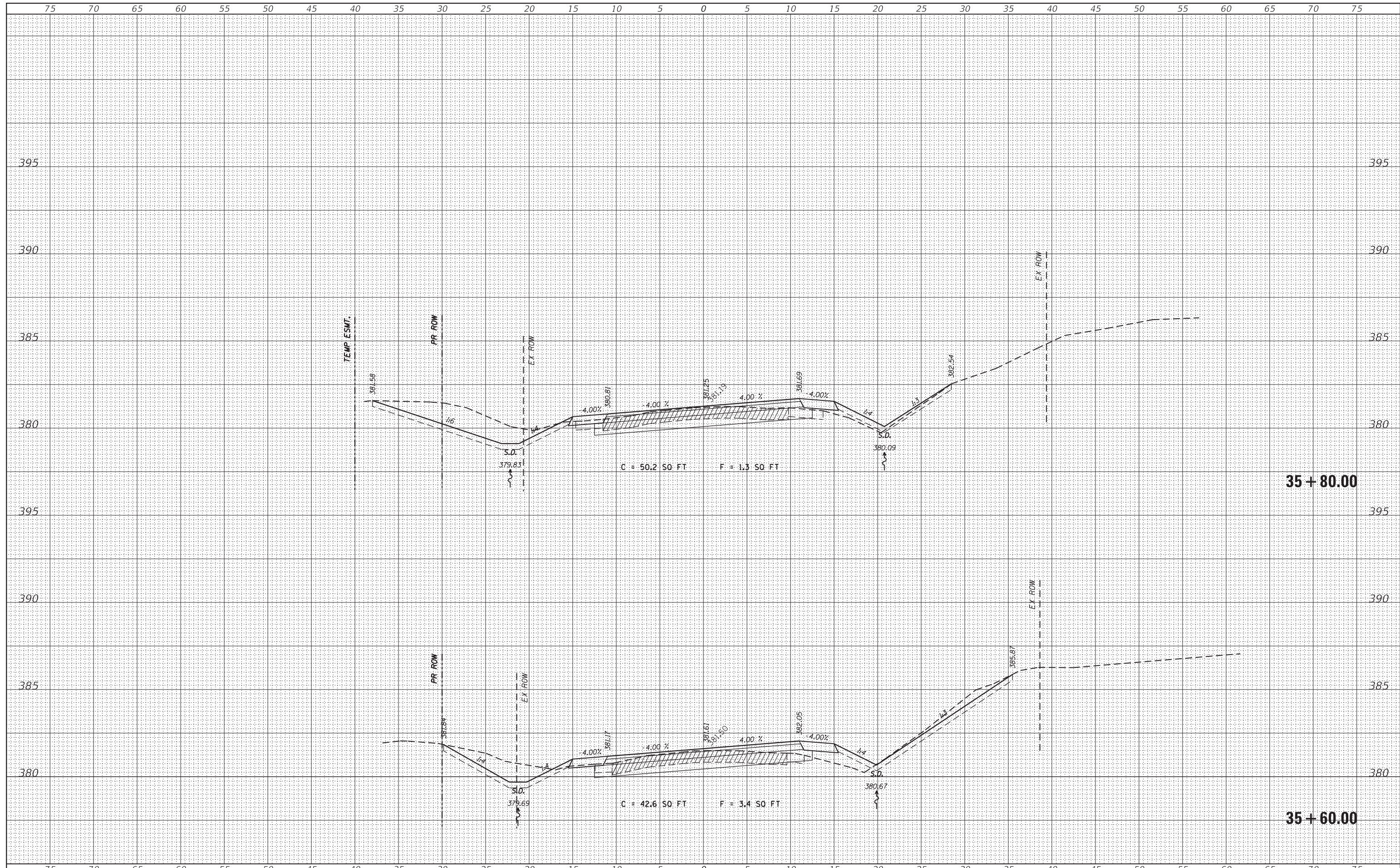
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 35+20.00	TO	STA. 35+40.00
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CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	105
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

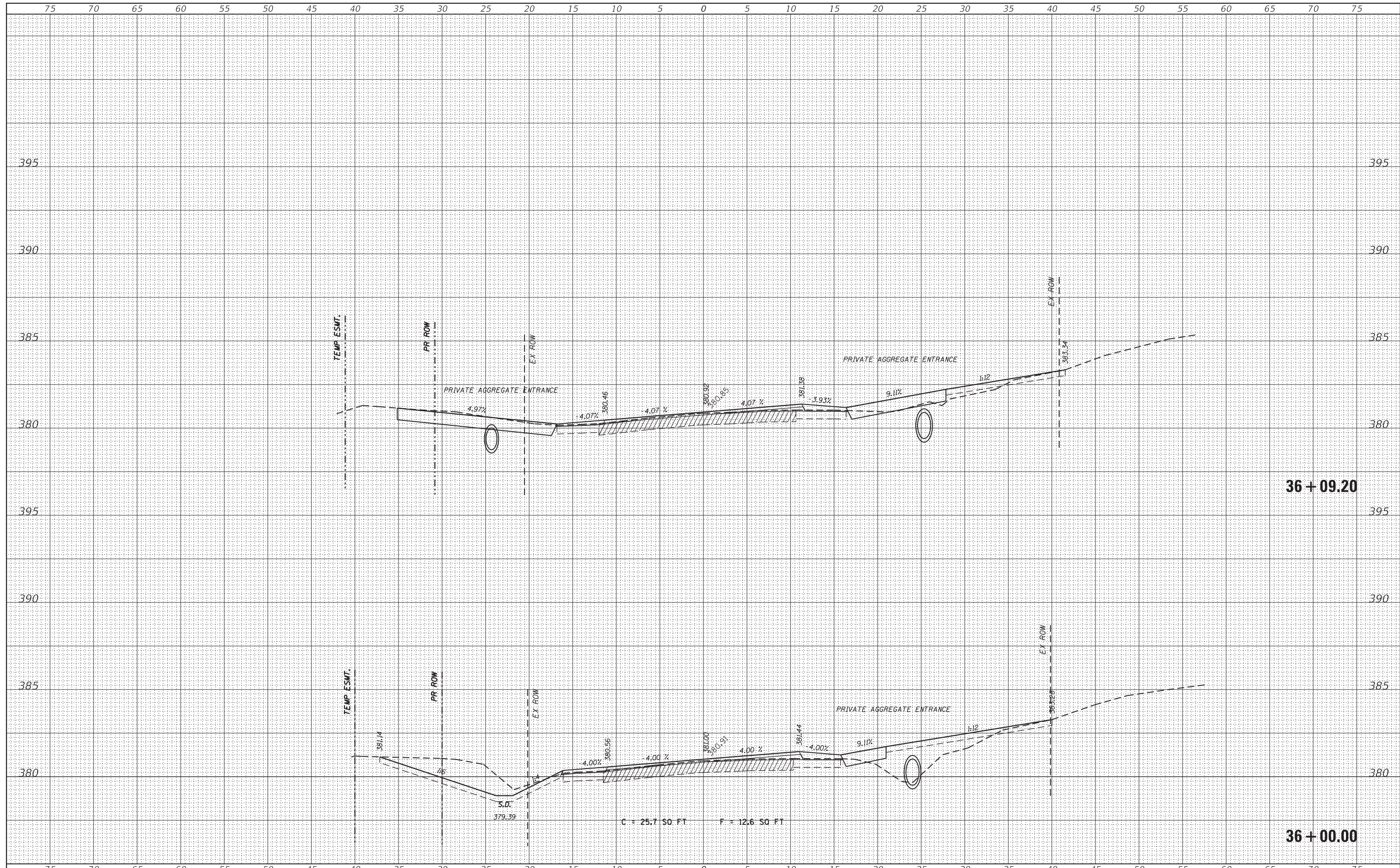
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 35+60.00 TO STA. 35+80.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	106
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -
USER NAME = KSchwier.john	
PLOT SCALE = 5.0000' / 1in.	
PLOT DATE = 10/18/2018	

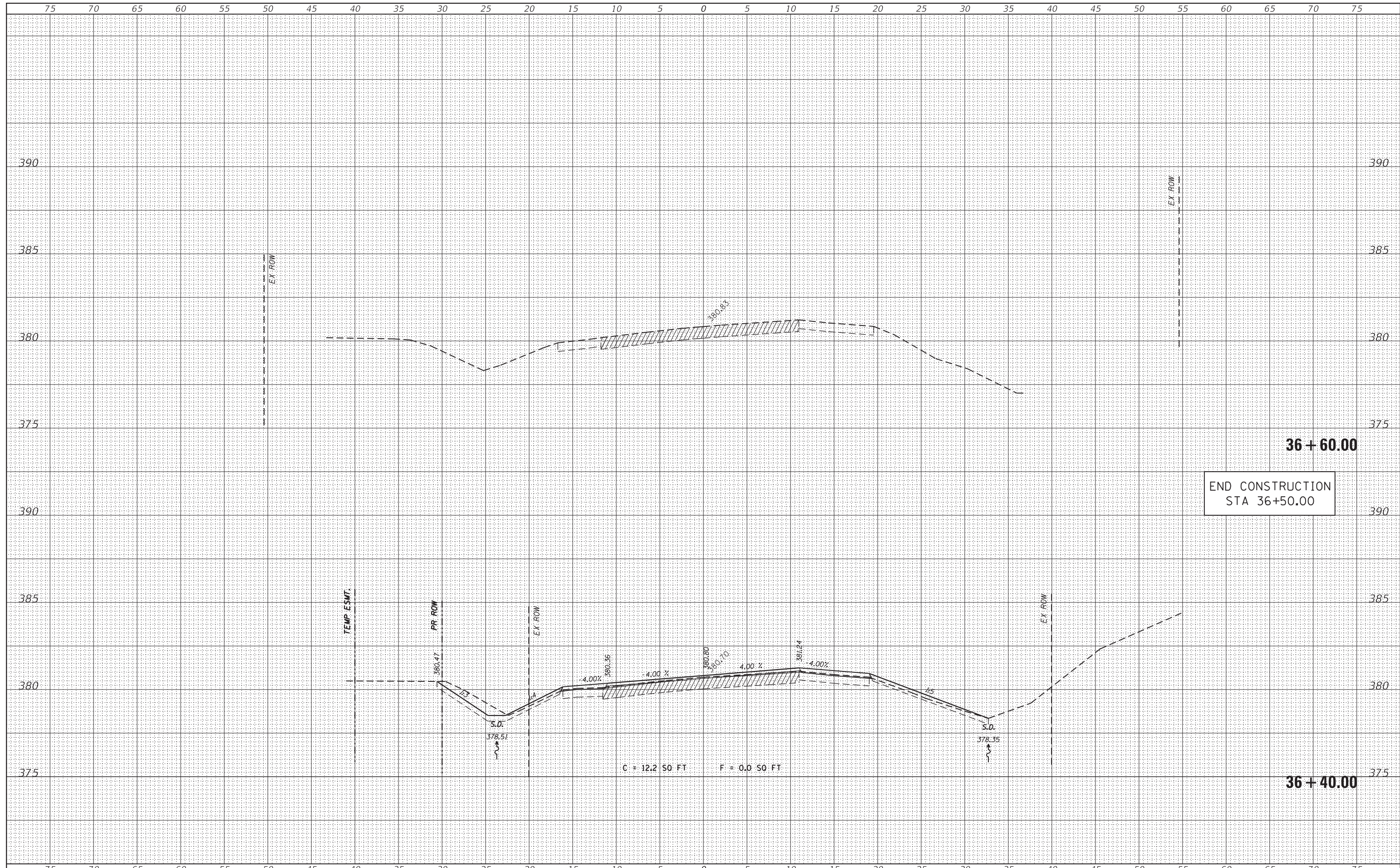
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 36+00.00 TO STA. 36+09.20

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	107
			CONTRACT NO. 99608	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = H:\7492.JacksonCounty.DillingRd\CADD.Sheets\7492.SHT.XSSHT.dgn
 HMG ENGINEERS, INC.
 9360 HOLY CROSS LANE
 BREESE, ILLINOIS 62230
 (618) 526-9611

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

USER NAME = KSchwier.john
 PLOT SCALE = 5,0000' / 1" =
 PLOT DATE = 10/18/2018

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 36+40.00 TO STA. 36+60.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	16-00175-00-SP	JACKSON	109	109
CONTRACT NO. 99608				
ILLINOIS FED. AID PROJECT				