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STATE OF ILLINOIS 08-04-2017 LETTING ITEM 063
SANGAMON COUNTY HIGHWAY DEPARTMENT

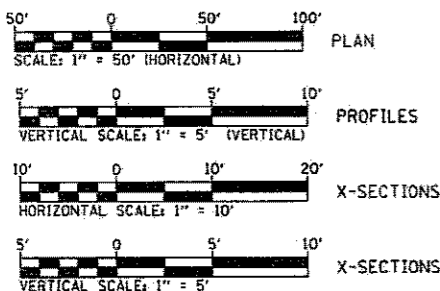
**PLANS FOR
 PROPOSED IMPROVEMENT
 SURFACE TRANSPORTATION - RURAL**

F.A.U. ROUTE 8048 (CH 23 / WOODSIDE RD)

**SECTION: 07-00090-09-FP
 PROJECT NO: M-5146 (091)
 SANGAMON COUNTY
 C-96-222-16**

IDOT STANDARDS

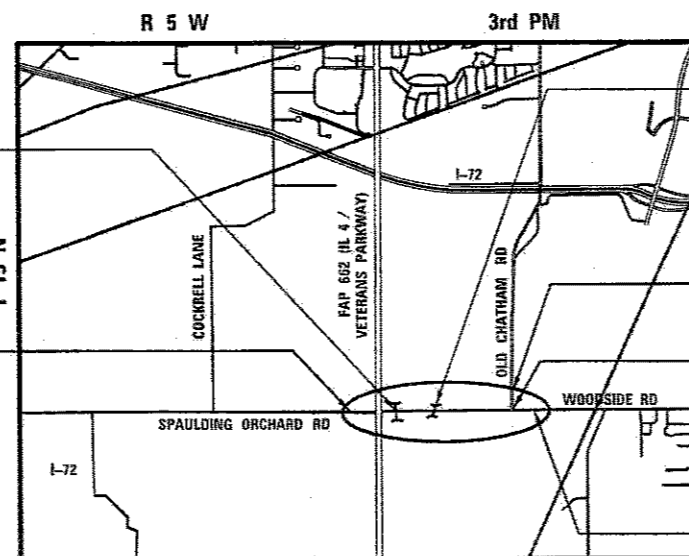
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542301-03	665001-02	781001-04
542401-02	701001-02	782001-01
602301-04	701006-05	782006
602306-03	701011-04	805001-01
602401-03	701301-04	814001-03
602406-07	701311-03	814006-02
602411-05	701326-04	857001-01
602601-04	701400-09	862001-01
602701-02	701406-11	873001-02
604001-04	701701-10	877011-08
604006-05	701901-06	877012-05
606001-06	720001-01	878001-10
606006-03	720006-04	880006-01



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

UTILITIES

- CITY WATER, LIGHT AND POWER - WATER DEPT.
401 N. 11th STREET
SPRINGFIELD, IL 62702
ATTENTION: MICHAEL JOHNSON 217-789-2323
- CITY WATER, LIGHT AND POWER - ELECTRIC DEPT.
1008 EAST MILLER STREET
SPRINGFIELD, IL 62702
ATTENTION: RICK MEADOWS 217-321-1354
- A.T.&T.
1640 E. HAZEL DELL
SPRINGFIELD, IL 62703
ATTENTION: HEATHER BENDER 217-789-5504
- COMCAST COMMUNICATIONS
711 SOUTH DIRKSEN PARKWAY
SPRINGFIELD, IL 62703
ATTENTION: DAVE BLY 217-527-2967
- SPRINGFIELD METRO SANITARY DISTRICT
3017 N. 8th STREET
SPRINGFIELD, IL 62707
ATTENTION: GREGG HUMPHREY 217-528-0491
- AMEREN CILCO
825 NORTH MACARTHUR
SPRINGFIELD, IL 62702
ATTENTION: RICK COMBS 217-753-5187 (GAS)
- CITY OF SPRINGFIELD - PUBLIC WORKS
300 S. 7th STREET
ROOM 201 MUNICIPAL CENTER WEST
SPRINGFIELD, IL 62701
ATTENTION: NATHAN BOTTOM 217-789-2255



S.N. 084-5019
 STA. 39+37.03
 12'-0"x7'-6" DOUBLE BARREL
 REINFORCED CONCRETE BOX
 CULVERT EXTENSION

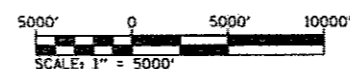
S.N. 084-5021
 STA. 50+41.31
 9'-6"x7'-6" DOUBLE BARREL
 REINFORCED CONCRETE BOX
 CULVERT EXTENSION

PROJECT BEGINS
 FAU 8048 (CH 23)
 STA. 26 + 71.53

FAU 8006 (OLD CHATHAM RD)
 STA. 4 + 55.00
FAU 8006 (OLD CHATHAM RD)
 STA. 0 + 00.00

PROJECT ENDS
 FAU 8048 (CH 23)
 STA. 89 + 10.00

LOCATION MAP

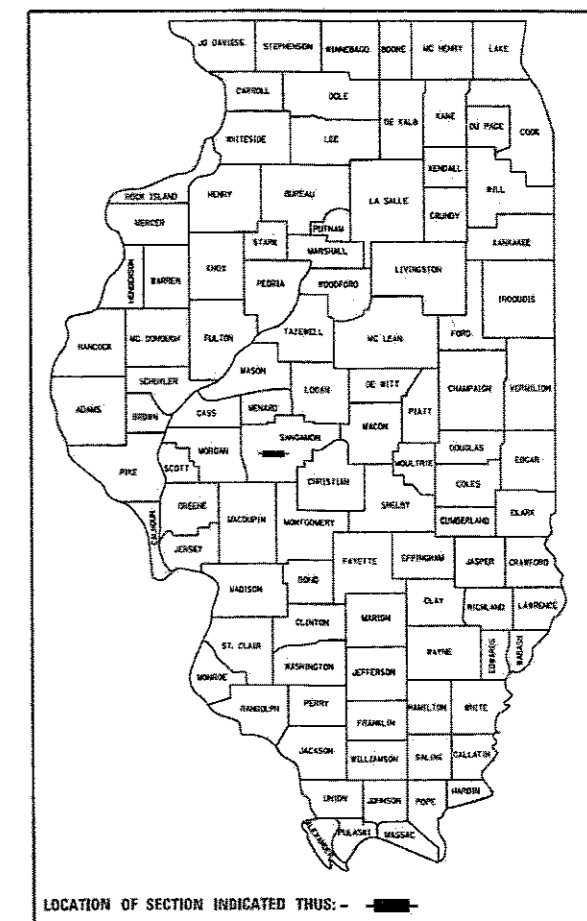


F.A.U. ROUTE 8048 (CH 23 / WOODSIDE RD)
 DESIGN DESIGNATION: MINOR ARTERIAL (RURAL)
 DESIGN SPEED = 45 MPH
 LENGTH OF IMPROVEMENT = 6,240 FEET = 1.182 MILES



SIGNATURE: *Kristin L. Timmons*
 DATE SIGNED: December 5, 2016
 LICENSE EXPIRATION DATE: 11/30/2017

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	140	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 93686	



APPROVED December 7, 2016
[Signature]
 SANGAMON COUNTY ENGINEER

PASSED 3-10 2017
[Signature]
 DISTRICT SIX ENGINEER OF
 LOCAL ROADS & STREETS

PASSED 3-10 2017
[Signature]
 DISTRICT CONSTRUCTION ENGINEER

Releasing For Bid Based on Limited Review 3-10 2017
[Signature]
 REGION FOUR ENGINEER

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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 OF THE STATE OF ILLINOIS**



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CALL J.U.L.I.E. PRIOR TO ANY CONSTRUCTION OR EXCAVATION
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123

CONTRACT NO. 93686

GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ON APRIL 1, 2016, AND THE LATEST EDITION OF THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS."
- WHERE SECTION OR SUB-SECTION STONES OR PROPERTY MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE STONES OR MARKERS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL MONUMENTS AND PROPERTY MARKERS UNTIL AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED THEIR LOCATION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR RE-SETTING SAID MONUMENTS AND/OR PROPERTY MARKERS.
- DOMESTIC BUFFALO BOXES AND METER VAULTS IN THE AREA WHERE THE IMPROVEMENTS ARE TO TAKE PLACE SHALL BE MOVED OR ADJUSTED, IF NECESSARY, BY THE CONTRACTOR.
- THE LOCATIONS OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER.
- UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123.
- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. SAW CUTS WILL NOT BE PAID FOR SEPARATELY. COST OF SAW CUTS SHALL BE INCIDENTAL TO THE TYPE OF WORK ENCOUNTERED.
- ONLY THOSE TREES INDICATED IN THE PLANS TO BE REMOVED SHALL BE REMOVED. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE. ALL TREES AND SHRUBS INDICATED ON PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- ALL COORDINATES SHOWN ON THE PLANS ARE BASED ON NAD 83 DATUM, ILLINOIS WEST ZONE (STATE PLANE COORDINATES) AND ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NAVD 88 DATUM.
- THE FOLLOWING HAVE BEEN USED IN CALCULATING THE PLAN QUANTITIES:

AGGREGATE	
- PUGGED AGGREGATE	2.05 TONS/CU.YD.
- ALL OTHER AGGREGATE	1.89 TONS/CU. YD.
HOT-MIX ASPHALT:	2.016 TONS/CU. YD.
BITUMINOUS MATERIALS:	
- ON PAVEMENT	0.05 LB/SQ. FT.
- INTERMEDIATE LIFTS (FOG COAT)	0.025 LB/SQ. FT.
- ON AGGREGATE SURFACE	0.25 LB/SQ. FT.
AGGREGATE (PRIME COAT)	4 LBS./SQ.YD.
RIPRAP	1.50 TONS/CU. YD.
SEEDING FERTILIZER RATIO (NIT:PHOS:POT)	90:90:90 LBS./AC.
AGRICULTURAL GROUND LIMESTONE	2.00 TONS/AC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. POTENTIAL J.U.L.I.E. MEMBERS ACTIVE IN THE VICINITY OF THE PROJECT ARE LISTED ON THE COVER SHEET.
- STORM SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, JULY 2009.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL RE-ERECT THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

GENERAL NOTES

- ITEMS TO BE REMOVED, INCLUDING BUT NOT LIMITED TO VEGETATION, TREES, STRUCTURES, PAVEMENT, CURBS AND GUTTERS, DRAINAGE STRUCTURES, UTILITIES, AND SIGNAGE ARE DESIGNATED ON THE PLAN DRAWINGS.
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.
- TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SLOPES DURING THE PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SLOPES AT THE TIME OF THEIR COMPLETION.
- THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PROTECT PUBLIC AND PRIVATE PROPERTY. IF AT ANY TIME, HE/SHE DAMAGES DAMAGES OR DESTROYS PUBLIC OR PRIVATE PROPERTY, THE CONTRACTOR SHALL, AT HIS/HER OWN EXPENSE, RESTORE SUCH PROPERTY TO A CONDITION EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE.
- IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY COMPLETED AT THE UNIT PRICE BID FOR THE WORK.
- ALL STATION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED.
- THE FINAL TOP 4 INCHES OF SOIL IN ANY RIGHT OF WAY AREA DISTURBED BY THE CONTRACTOR MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.
- ALL OPENINGS IN PRECAST STRUCTURES SHALL BE PRECAST TO THE PROPER SIZE. COSTS FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS FOR THE STRUCTURE INVOLVED.
- ACCESS TO ALL PRIVATE ENTRANCES SHALL BE MAINTAINED AT ALL TIMES. A QUANTITY OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN ESTIMATED FOR THIS WORK AND SHALL BE USED AS DIRECTED BY THE ENGINEER FOR MAINTAINING ACCESS.
- BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS OR MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR EXACT LENGTHS.
- MODIFICATIONS TO EXISTING INLETS OR MANHOLES NECESSARY TO CONNECT PROPOSED STORM SEWER PIPE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

COMMITMENTS

- IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES REVIEW, EXISTING TREES SHALL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30.
- IMPACTS ON TREES SHALL BE MITIGATED IN ACCORDANCE WITH IDOT DEPARTMENTAL POLICY D&E-18 PRESERVATION AND REPLACEMENT OF TREES. AS SUCH TREE REMOVALS SHOWN IN THE PLANS SHALL BE MARKED IN THE FIELD AND VERIFIED BY THE ENGINEER PRIOR TO REMOVAL BY THE CONTRACTOR. ALL TREES REMOVED SHALL BE REPLACED AT A 1:1 RATIO WITH THE SPECIES AND DISTRIBUTIONS AS SPECIFIED IN THE SUMMARY OF QUANTITIES. PLANTING LOCATIONS SHALL BE DETERMINED BY THE ENGINEER. ALL REMAINING TREES SHALL BE PROTECTED BY THE CONTRACTOR FROM DAMAGE DUE TO THEIR OPERATIONS.
- TEMPORARY CONSTRUCTION FENCE (OR PERIMETER EROSION BARRIER) SHALL BE INSTALLED TO DELINEATE LIMITS OF CONSTRUCTION AT THE IDENTIFIED WETLAND SITES WITHIN THE PROJECT LIMITS. SEE THE EROSION CONTROL PLANS.
- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN. AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.
- IN ACCORDANCE WITH THE IDOT CULTURAL RESOURCES REVIEW AND THE CONTRACT SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOT INITIATE CONSTRUCTION ACTIVITIES UNTIL THE NECESSARY TEST EXCAVATIONS HAVE BEEN CONDUCTED BY THE ILLINOIS STATE ARCHAEOLOGICAL SOCIETY AND UPON APPROVAL OF THE ENGINEER.

MIXTURE REQUIREMENTS

MIXTURE NUMBER:	No. 1	No. 2	No. 3	No. 4	No. 5
LOCATIONS:					
MIXTURE USE(S):	HMA SURFACE COURSE	LEVELING BINDER	BINDER COURSE (2.25")	HMA BASE COURSE LOWER LIFTS SHOULDER	TOP LIFT (1.5") SHOULDER
AC/PG:	SBS PG 64-28	SBS PG 64-28	SBS PG 64-28	PG 64-22	PG 58-28
DESIGN AIR VOIDS:	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5	IL-9.5	IL-19.0	IL-19.0	IL-9.5
FRICTION AGGREGATE:	MIX "D"	N/A	N/A	N/A	N/A
QUALITY MANAGEMENT:	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	348	348	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	189	189	
20200100	EARTH EXCAVATION	CU YD	11,072	11,072	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,532	1,532	
20300100	CHANNEL EXCAVATION	CU YD	342	342	
20400800	FURNISHED EXCAVATION	CU YD	10,253	10,253	
20800150	TRENCH BACKFILL	CU YD	318.1	318.1	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	37,332	37,332	
Δ 25000700	AGRICULTURAL GROUND LIMESTONE	TON	17.5	17.5	
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	1,695	1,695	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,750	1,750	
28000305	TEMPORARY DITCH CHECKS	FOOT	500	500	
28000400	PERIMETER EROSION BARRIER	FOOT	5,457	5,457	
28000500	INLET AND PIPE PROTECTION	EACH	10	10	

Δ SPECIALTY ITEMS

FILE NAME = 06-Sht-S00.dgn
 L:\SangamonCo\1482901\Draw\CADD_Sheets\

USER NAME = Matt Overbey
 PLOT SCALE = 100.0000' / 1" =
 PLOT DATE = 6/23/2017 - 4:07:28 PM

DESIGNED - BB
 DRAWN - MJO
 CHECKED - KLT
 DATE - 06/23/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**SANGAMON COUNTY
 HIGHWAY DEPARTMENT**

**SUMMARY OF QUANTITIES
 FAU 8048 (CH 23 / WOODSIDE RD.)**

SCALE: N/A SHEET 1 OF 13 SHEETS STA. N/A TO STA. N/A

F.A.J. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93686	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	28,136	28,136	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	278	278	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	220	220	
35501318	HOT-MIX ASPHALT BASE COURSE, 8 1/2"	SQ YD	16,782	16,782	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	385	385	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	41,607	41,607	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	16,755	16,755	
40600829	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	660	660	
40600990	TEMPORARY RAMP	SQ YD	329	329	
40603230	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2,119	2,119	
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3,647	3,647	
40701931	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/2"	SQ YD	344	344	
44000100	PAVEMENT REMOVAL	SQ YD	2,085	2,085	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	117	117	

△ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	156	156	
44004250	PAVED SHOULDER REMOVAL	SQ YD	2,637	2,637	
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	641	641	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,485	1,485	
48203047	HOT-MIX ASPHALT SHOULDERS, 12 1/2"	SQ YD	8,384	8,384	
50105220	PIPE CULVERT REMOVAL	FOOT	858	858	
50200100	STRUCTURE EXCAVATION	CU YD	254	254	
50800105	REINFORCEMENT BARS	POUND	49,770	49,770	
51500100	NAME PLATES	EACH	2	2	
54002020	EXPANSION BOLTS 3/4 INCH	EACH	192	192	
54003000	CONCRETE BOX CULVERTS	CU YD	258.2	258.2	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2	

Δ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	EACH	4	4	
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	3	3	
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1	1	
54215547	METAL END SECTIONS 12"	EACH	4	4	
54215550	METAL END SECTIONS 15"	EACH	4	4	
54248510	CONCRETE COLLAR	CU YD	3.4	3.4	
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	12	12	
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	6	6	
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	88	88	
542A0226	PIPE CULVERTS, CLASS A, TYPE 1 21"	FOOT	22	22	
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	9	9	
542A0247	PIPE CULVERTS, CLASS A, TYPE 1 42"	FOOT	32	32	
542A1057	PIPE CULVERTS, CLASS A, TYPE 2 12"	FOOT	66	66	
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	21	21	

△ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	46.0	46.0	
60609800	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18	FOOT	12.0	12.0	
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	157.0	157.0	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	528	528	
60619910	CONCRETE MEDIAN, TYPE SB-6.18	SQ FT	1,670	1,670	
△ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,037.5	1,037.5	
△ 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4	4	
△ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
△ 63200310	GUARDRAIL REMOVAL	FOOT	616	616	
△ 66500105	WOVEN WIRE FENCE, 4'	FOOT	144	144	
67100100	MOBILIZATION	LSUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,381	2,381	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	796	796	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	87	87	

△ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	45,792	45,792	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	94	94	
72000100	SIGN PANEL - TYPE 1	SQ FT	170	170	
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	21	21	
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1	
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5	
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3	
72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	57	57	
72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	60	60	
Δ 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	367.0	367.0	
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	2	2	
Δ 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	574	574	
Δ 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	32,332	32,332	

Δ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
△ 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	561	561	
△ 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	2,299	2,299	
△ 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	609	609	
△ 78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	1,859	1,859	
△ 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	300	300	
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	335	335	
△ 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	16	16	
△ 78200020	CURB REFLECTORS	EACH	42	42	
△ 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	17	17	
△ 80500100	SERVICE INSTALLATION, TYPE A	EACH	1		1
△ 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	8		8
△ 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	107		107
△ 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	581		581
△ 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	301		301

△ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
△ 81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	125		125
△ 81400100	HANDHOLE	EACH	9		9
△ 81400300	DOUBLE HANDHOLE	EACH	2		2
△ 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,757		1,757
△ 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1		1
△ 85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1		1
△ 86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	2		2
△ 86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1
△ 87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3,320		3,320
△ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,965		3,965
△ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,731		1,731
△ 87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	1,130		1,130
△ 87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C	FOOT	156		156
△ 87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	1,723		1,723

△ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
Δ 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	24		24
Δ 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,209		1,209
Δ 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	8		8
Δ 87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1		1
Δ 87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1		1
Δ 87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1		1
Δ 87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1		1
Δ 87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1		1
Δ 87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1		1
Δ 87703100	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 72 FT.	EACH	1		1
Δ 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	24		24
Δ 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	7.0		7.0
Δ 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10		10
Δ 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54		54

Δ SPECIALTY ITEMS

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 CHECKED - KLT
 DATE - 06/23/2017

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**SANGAMON COUNTY
 HIGHWAY DEPARTMENT**

**SUMMARY OF QUANTITIES
 FAU 8048 (CH 23 / WOODSIDE RD.)**

SCALE: N/A SHEET 10 OF 13 SHEETS STA. N/A TO STA. N/A

F.A.J. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 12
CONTRACT NO. 93686			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
Δ 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	46		46
Δ 87900200	DRILL EXISTING HANDHOLE	EACH	1		1
Δ 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1
Δ 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	13		13
Δ 88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4		4
Δ 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3		3
Δ 88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1
Δ 88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	4		4
Δ 88040290	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1
Δ 88040310	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3-SECTION, 2-5-SECTION, BRACKET MOUNTED	EACH	1		1
Δ 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	16		16
Δ 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		2
Δ 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		2
Δ 89502380	REMOVE EXISTING HANDHOLE	EACH	7		7

Δ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

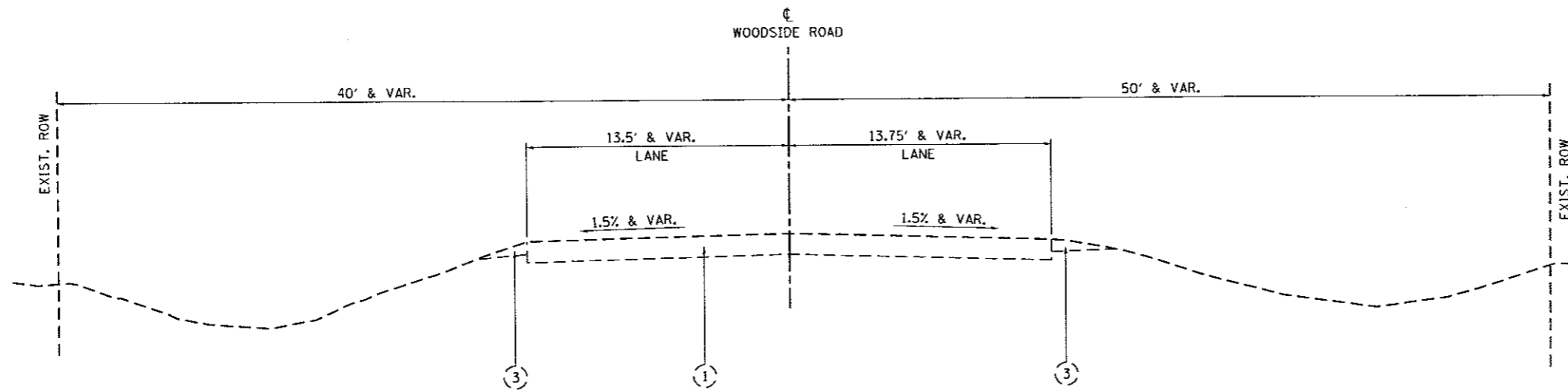
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0004	0021
Δ 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2		2
Δ 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	16		16
Δ A2006414	TREE, QUERCUS ALBA (WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	47	47	
X0323265	REMOVE EXISTING RIPRAP	SQ YD	50	50	
X0327301	RELOCATE EXISTING MAILBOX	EACH	3	3	
X0327902	MAILBOX REMOVE AND REPLACE	EACH	8	8	
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	21,293	21,293	
X0327985	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	15,539	15,539	
Δ X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	8		8
Δ X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	8.75	8.75	
X2810126	STONE RIPRAP, CLASS B3 (SPECIAL)	SQ YD	624	624	
X2810128	STONE RIPRAP, CLASS B4 (SPECIAL)	SQ YD	1,119	1,119	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	11,437	11,437	
X5010523	REMOVE CONCRETE END SECTION	EACH	4	4	

Δ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

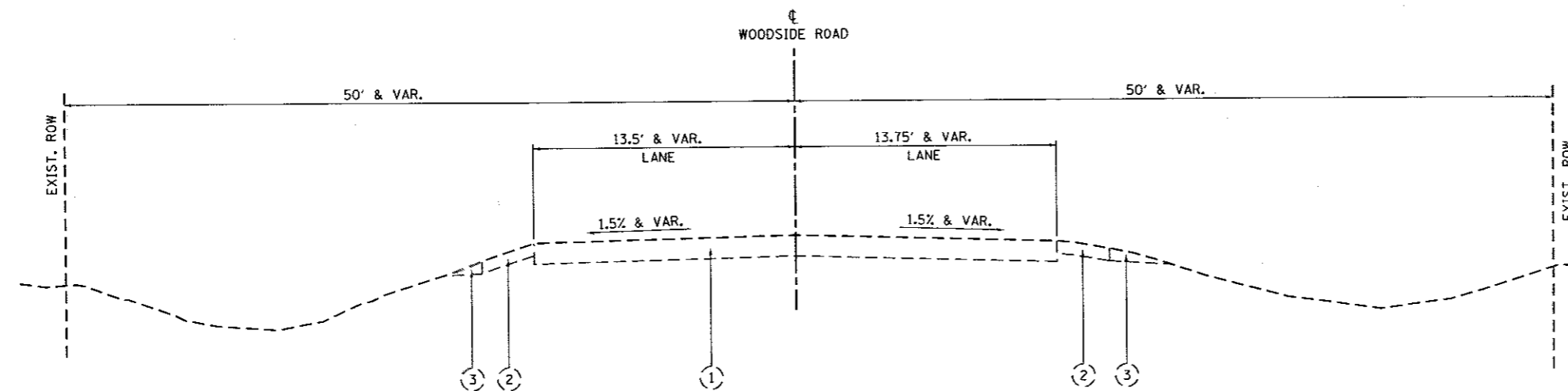
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				0004	0021
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	6	6	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	420	420	
X7200201	WIDTH RESTRICTION SIGNING	LSUM	1	1	
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	2		2
Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	206	206	
Z0005300	BOX CULVERTS TO BE CLEANED	EACH	2	2	
Δ Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	7		7
Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ YD	125	125	
Z0022800	FENCE REMOVAL	FOOT	299	299	
Z0023602	GRANULAR CULVERT BACKFILL	CU YD	652	652	
Δ Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	2		2
Z0054517	ROCK FILL - FOUNDATION	TON	303	303	
# Z0076600	TRAINEES	Hour	2000		
Z0056614	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH	FOOT	37	37	
# Z0076604	TRAINEES TRAINING- PROGRAM GRADUATE	Hour	2000		

0042 Δ SPECIALTY ITEMS



EXISTING WOODSIDE ROAD (FAU 8048)

STA. 26+71.53 TO STA. 32+82.00
 STA. 36+37.00 TO STA. 68+73.00



EXISTING WOODSIDE ROAD (FAU 8048)

STA. 32+82.00 TO STA. 34+09.05
 STA. 35+33.36 TO STA. 36+37.00
 STA. 68+73.00 TO STA. 89+10.00

EXISTING LEGEND

- ① EXISTING HOT-MIX ASPHALT PAVEMENT
- ② EXISTING HOT-MIX ASPHALT SHOULDER
- ③ EXISTING AGGREGATE SHOULDER

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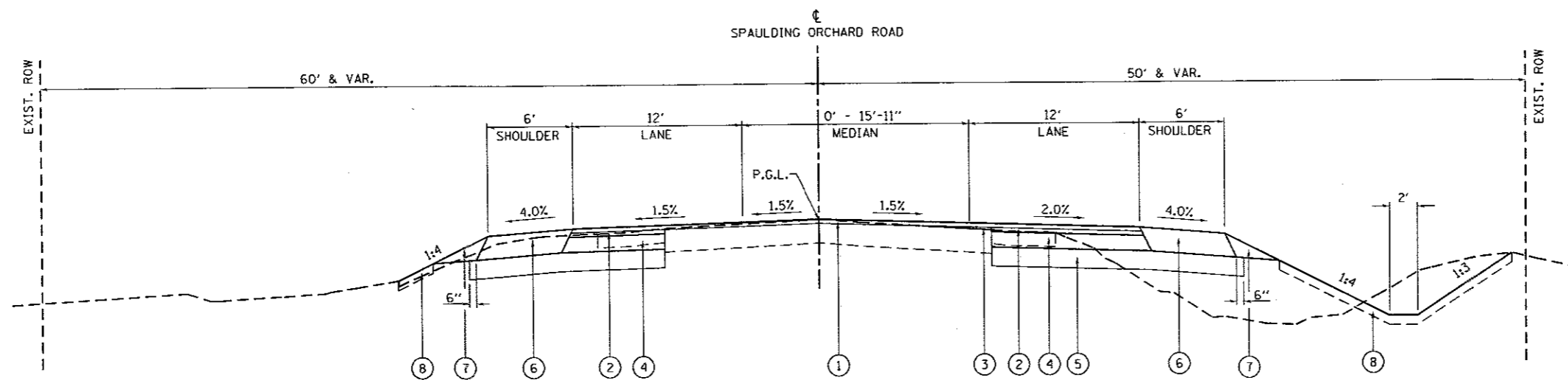
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**SANGAMON COUNTY
 HIGHWAY DEPARTMENT**

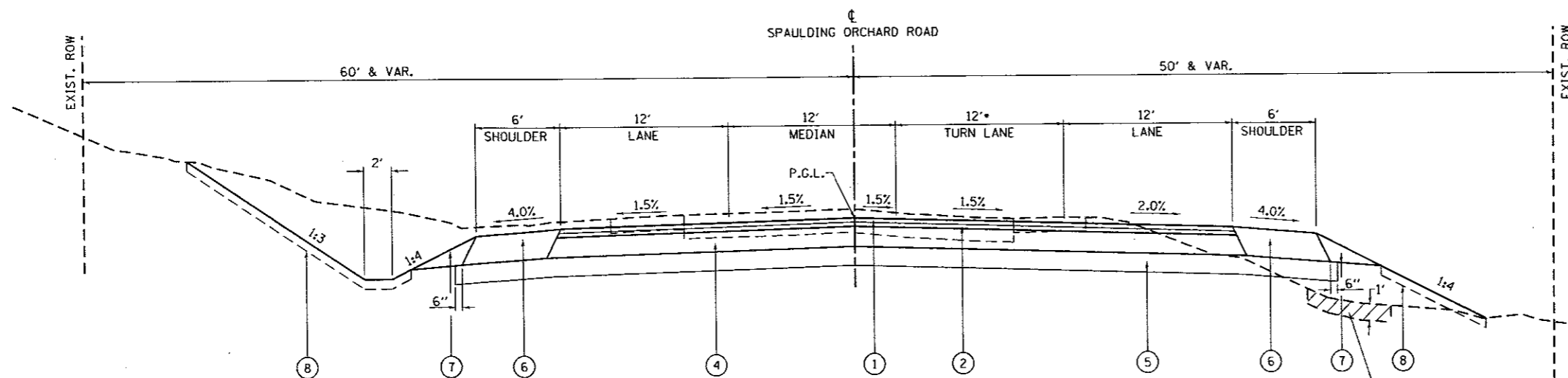
**TYPICAL SECTION - EXISTING WOODSIDE ROAD
 FAU 8048 (CH 23 / WOODSIDE RD.)**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	16
[ILLINOIS] FED. AID PROJECT			CONTRACT NO. 93686	



SPAULDING ORCHARD ROAD (FAU 8048)
 STA. 26+71.53 TO STA. 30+99.53



SPAULDING ORCHARD ROAD (FAU 8048)
 STA. 30+99.53 TO STA. 34+09.05
 • STA. 32+56.53 TO STA. 34+09.05

PROPOSED LEGEND

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.75"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"
- ③ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5, N50, VARIES
- ④ HOT-MIX ASPHALT BASE COURSE, 8.5"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE B 8"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 12.5"
- ⑦ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑧ TOPSOIL FURNISH AND PLACE, 4"
- ⑨ CONCRETE MEDIAN, TYPE SB-6.18
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18

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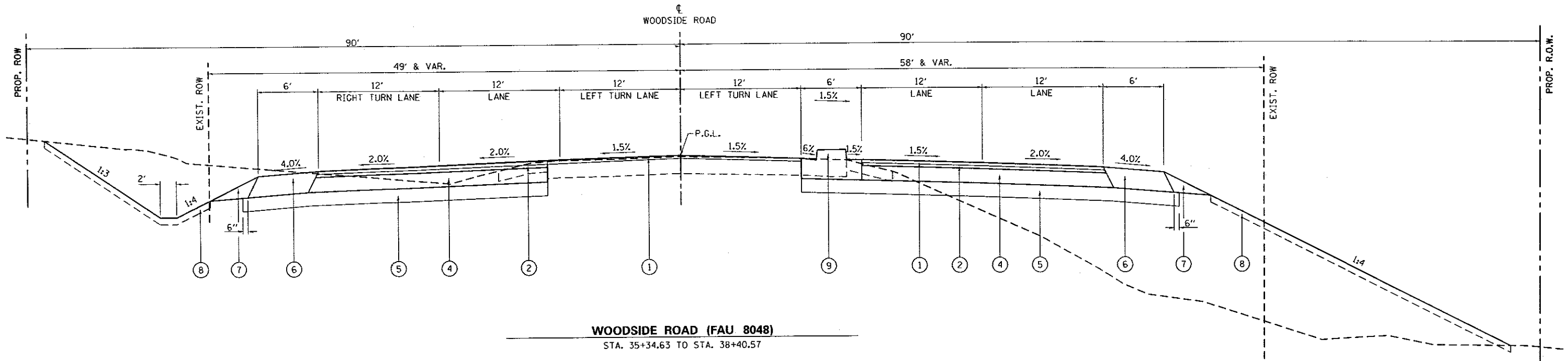
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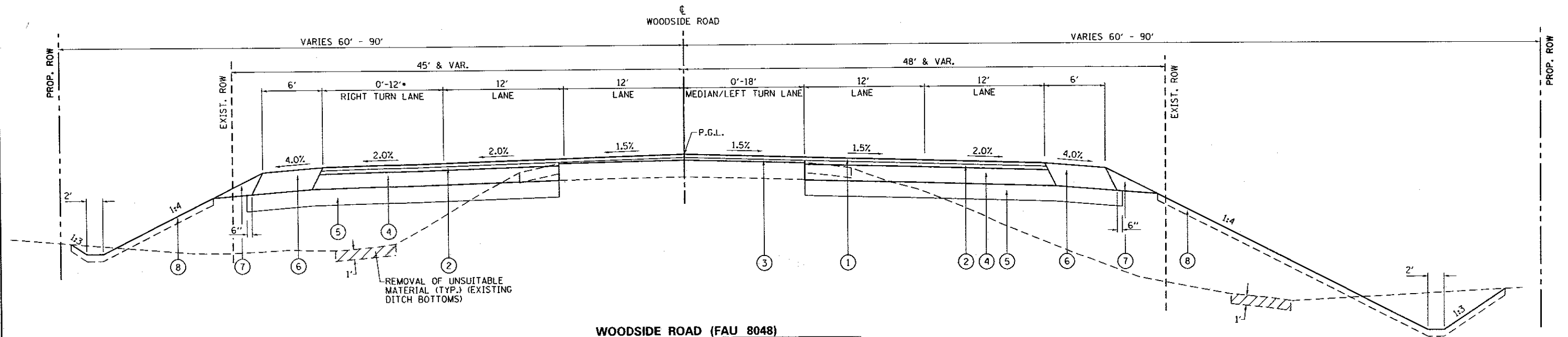
**SANGAMON COUNTY
 HIGHWAY DEPARTMENT**

**TYPICAL SECTION - SPAULDING ORCHARD ROAD
 FAU 8048 (CH 23 / WOODSIDE RD.)**
 SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	17
ILLINOIS FED. AID PROJECT				



WOODSIDE ROAD (FAU 8048)
STA. 35+34.63 TO STA. 38+40.57



WOODSIDE ROAD (FAU 8048)
STA. 38+40.57 TO STA. 46+50.30
• STA. 38+40.57 TO STA. 41+56.12

PROPOSED LEGEND

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.75"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50, 2.25"
- ③ POLYMERIZED LEVELING BINDER (MACHINE METHOD), 1L-9.5, N50, VARIES
- ④ HOT-MIX ASPHALT BASE COURSE, 8.5"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE B 8"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 12.5"
- ⑦ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑧ TOPSOIL FURNISH AND PLACE, 4"
- ⑨ CONCRETE MEDIAN, TYPE SB-6.18
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18

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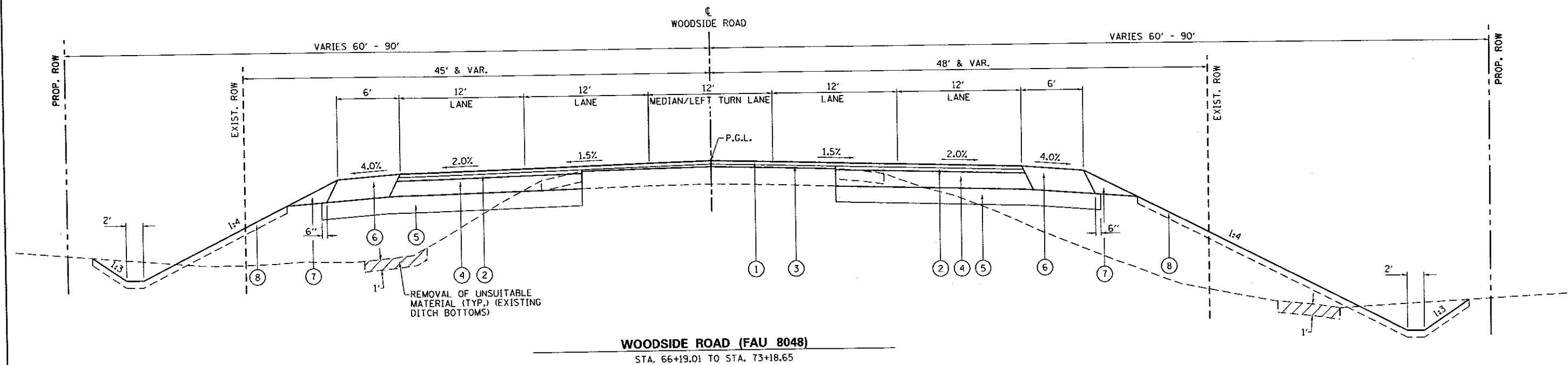
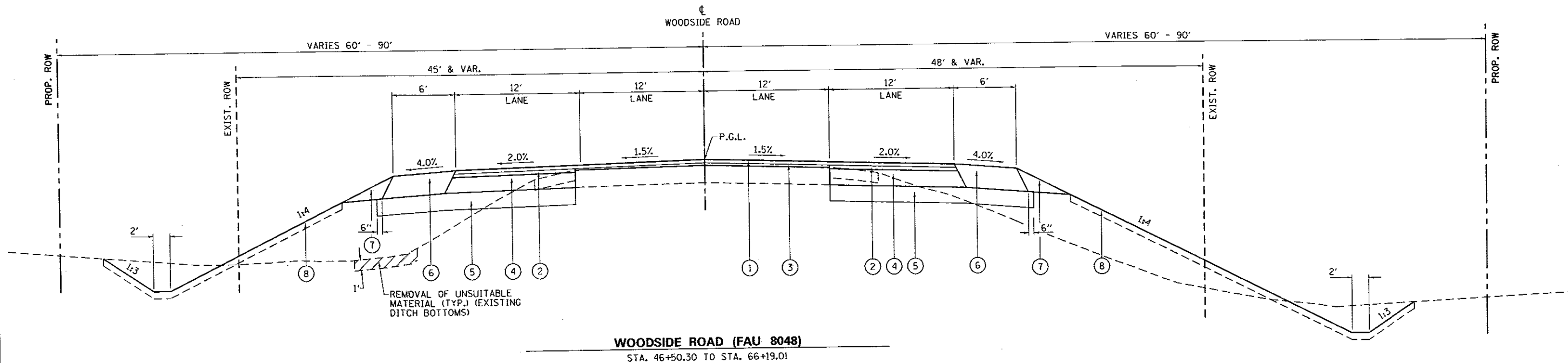
**SANGAMON COUNTY
HIGHWAY DEPARTMENT**

**TYPICAL SECTION - WOODSIDE ROAD
FAU 8048 (CH 23 / WOODSIDE RD.)**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	18
CONTRACT NO. 93686				

ILLINOIS FED. AID PROJECT



PROPOSED LEGEND

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.75"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"
- ③ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5, N50, VARIES
- ④ HOT-MIX ASPHALT BASE COURSE, 8.5"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE B 8"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 12.5'
- ⑦ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑧ TOPSOIL FURNISH AND PLACE, 4"
- ⑨ CONCRETE MEDIAN, TYPE SB-6.18
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18

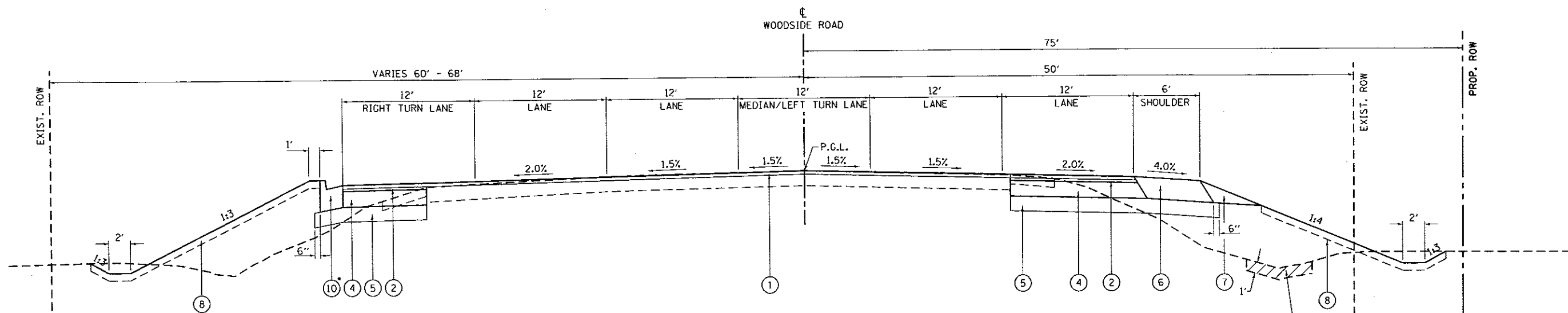
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**SANGAMON COUNTY
HIGHWAY DEPARTMENT**

**TYPICAL SECTION - WOODSIDE ROAD
FAU 8048 (CH 23 / WOODSIDE RD.)**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

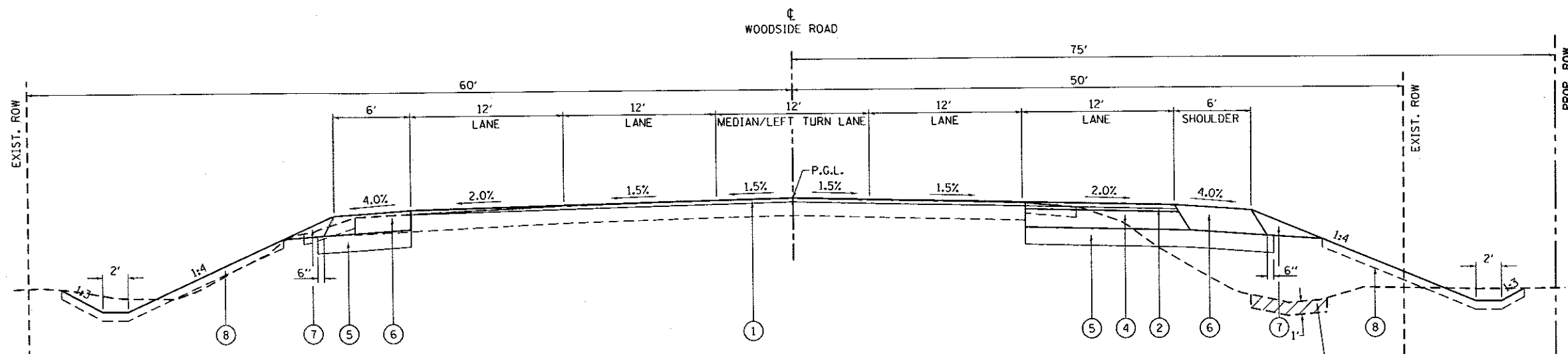
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	19
CONTRACT NO. 93686			ILLINOIS FED. AID PROJECT	



WOODSIDE ROAD (FAU 8048)

STA. 73+18.65 TO STA. 78+49.94

* STA. 75+07.67 TO STA. 78+16.16, HMA SHOULDERS, 4' WIDTH (SEE PLAN AND PROFILE SHEET)



WOODSIDE ROAD (FAU 8048)

STA. 78+49.94 TO STA. 83+34.37

PROPOSED LEGEND

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.75"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"
- ③ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5, N50, VARIES
- ④ HOT-MIX ASPHALT BASE COURSE, 8.5"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE B 8"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 12.5"
- ⑦ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑧ TOPSOIL FURNISH AND PLACE, 4"
- ⑨ CONCRETE MEDIAN, TYPE SB-6.18
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18

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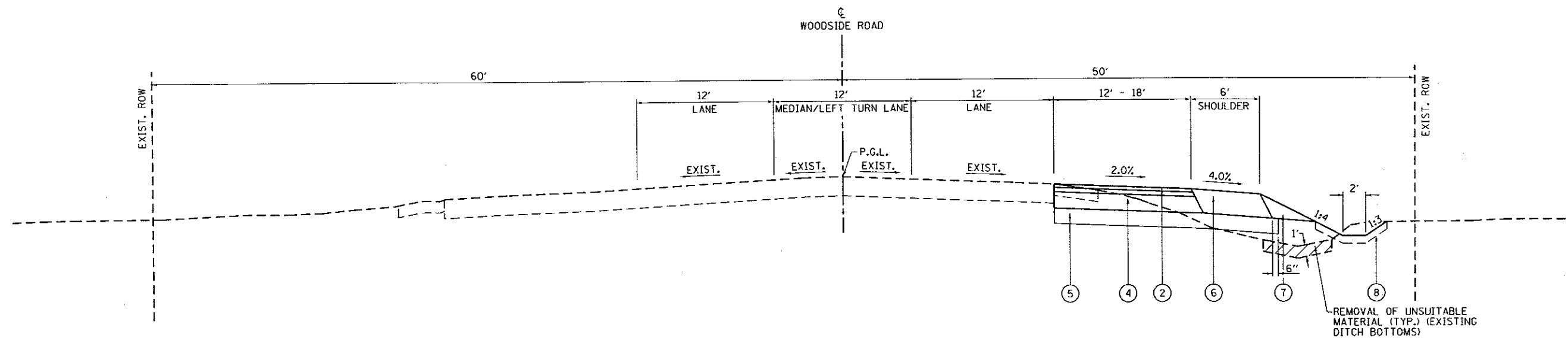
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**SANGAMON COUNTY
 HIGHWAY DEPARTMENT**

**TYPICAL SECTION - WOODSIDE ROAD
 FAU 8048 (CH 23 / WOODSIDE RD.)**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	20
CONTRACT NO. 93686				
ILLINOIS FED. AID PROJECT				



WOODSIDE ROAD (FAU 8048)
STA. 83+34.37 TO STA. 89+10.00

PROPOSED LEGEND

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.75"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"
- ③ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5, N50, VARIES
- ④ HOT-MIX ASPHALT BASE COURSE, 8.5"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE B 8"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 12.5"
- ⑦ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑧ TOPSOIL FURNISH AND PLACE, 4"
- ⑨ CONCRETE MEDIAN, TYPE SB-6.18
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18

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DRAWN - BB
CHECKED - KLT
DATE - 05/23/2017

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**SANGAMON COUNTY
HIGHWAY DEPARTMENT**

**TYPICAL SECTION - WOODSIDE ROAD
FAU 8048 (CH 23 / WOODSIDE RD.)**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	21
			CONTRACT NO. 93686	
ILLINOIS FED. AID PROJECT				

EARTHWORK

LOCATION			EARTH EXCAVATION (CU YD)	FOR INFORMATION ONLY			FURNISHED EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	TOPSOIL FURNISH AND PLACE, 4" (SQ YD)
				EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) (CU YD)			
STATION	TO	STATION	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(SQ YD)	
FAU 8048 (CH 23/SPAULDING ORCHARD RD)									
26+71.53	-	34+09.05	1,792	1,344	735	609	-609	65	3,071
FAU 8048 (CH 23/WOODSIDE RD)									
SOUTHEAST QUADRANT ILLINOIS 4			45	34	544	-510	510		875
NORTHEAST QUADRANT ILLINOIS 4			193	145	165	-20	20		1,157
35+34.63	-	38+00.00	520	390	2,208	-1,818	1,818	45	1,519
38+00.00	-	52+00.00	2,715	2,036	7,459	-5,423	5,423	347	11,081
52+00.00	-	66+00.00	2,879	2,159	4,701	-2,542	2,542	408	9,956
66+00.00	-	80+00.00	1,796	1,347	2,286	-939	939	467	6,809
80+00.00	-	89+10.00	711	533	438	95	-95	200	1,529
FAU 8006 (OLD IL4/OLD CHATHAM RD)									
0+42.00	-	4+55.00	421	316	21	295	-295		1,335
TOTALS			11,072	8,304	18,557	-10,253	10,253	1,532	37,332

SEEDING

LOCATION			SEEDING, CLASS 2 (SPECIAL) (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)	AGRICULTURAL GROUND LIMESTONE (TON)
STATION	TO	STATION	(ACRE)	(POUND)	(TON)
FAU 8048 (CH 23/SPAULDING ORCHARD RD)					
26+71.53	-	34+09.05	0.60	120	1.2
FAU 8048 (CH 23/WOODSIDE RD)					
35+34.63	-	38+00.00	0.80	160	1.6
38+00.00	-	52+00.00	2.40	480	4.8
52+00.00	-	66+00.00	2.40	480	4.8
66+00.00	-	80+00.00	1.45	290	2.9
80+00.00	-	89+10.00	0.45	90	0.9
FAU 8006 (OLD IL4/OLD CHATHAM RD)					
0+42.00	-	4+55.00	0.40	80	0.8
OLD CHATHAM RD					
201+00.00	-	202+17.46	0.10	20	0.2
FAP 662 (IL 4/VETERANS PARKWAY)					
575+82.28	-	581+38.56	0.15	30	0.3
TOTALS			8.75	1,750	17.5

PAVING

STATION / LOCATION			POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (TON)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (TON)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5, N50, VARIES (TON)	HOT-MIX ASPHALT BASE COURSE, 8 1/2" (SQ YD)	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/2" (SQ YD)	SUBBASE GRANULAR MATERIAL, TYPE B 8" (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 12 1/2" (SQ YD)	AGGREGATE WEDGE SHOULDER, TYPE B (TON)	AGGREGATE SHOULDERS, TYPE B 8" (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	BITUMINOUS MATERIALS (PRIME COAT) (POUND)
STATION	TO	STATION	(TON)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(SQ YD)	(POUND)	(POUND)
FAU 8048 (CH 23/SPAULDING ORCHARD RD)													
26+71.53	-	34+09.05	319	269		2,124		3,287	915	165		1,460	5,111
FAU 8048 (CH 23/WOODSIDE RD)													
35+34.63	-	38+00.00	268	230	7	1,824		2,711	477	72	63	1,205	4,397
38+00.00	-	52+00.00	857	609	213	4,828		7,206	1,867	206	524	3,902	11,563
52+00.00	-	66+00.00	732	444	214	3,521		5,885	1,821	341	54	3,361	8,771
66+00.00	-	80+00.00	952	332	182	2,634		4,780	1,670	349		4,368	6,526
80+00.00	-	89+10.00	309	170		1,344		2,397	838	167		1,416	3,250
FAU 8006 (OLD IL4/OLD CHATHAM RD)													
0+42.00	-	4+55.00	174	19	44	148		679	361	97		798	439
OLD CHATHAM RD													
201+00.00	-	202+17.46	36	46		359		362	48	31		162	697
FAP 662 (IL 4/VETERANS PARKWAY)													
575+82.28	-	581+38.56					329	829	387	57		83	853
TOTALS			3,647	2,119	660	16,782	329	28,136	8,384	1,485	641	16,755	41,607

PAVEMENT REMOVAL

STATION / LOCATION			PAVEMENT REMOVAL (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SQ YD)	PAVED SHOULDER REMOVAL (SQ YD)
STATION	TO	STATION	(SQ YD)	(SQ YD)	(SQ YD)
FAU 8048 (CH 23/SPAULDING ORCHARD RD)					
26+71.53	-	34+09.05	903	1,119	182
FAU 8048 (CH 23/WOODSIDE RD)					
35+34.63	-	38+00.00	163	724	327
38+00.00	-	52+00.00	11	548	
52+00.00	-	66+00.00		791	
66+00.00	-	80+00.00	92	4,753	846
80+00.00	-	89+10.00	205	1,801	426
FAU 8006 (OLD IL4/OLD CHATHAM RD)					
0+42.00	-	4+55.00		1,701	346
OLD CHATHAM RD					
201+00.00	-	202+17.46	638		
FAP 662 (IL 4/VETERANS PARKWAY)					
575+82.28	-	581+38.56	73		510
TOTALS			2,085	11,437	2,637

TREE REMOVAL

LOCATION		TREE REMOVAL (6-15 UNITS)	TREE REMOVAL (OVER 15 UNITS)
STATION	OFFSET	(UNITS)	(UNITS)
FAU 8048 (CH 23/SPAULDING ORCHARD RD)			
32+46.38	31.36' LT		31
33+67.70	50.10' LT	10	
33+69.05	72.75' LT	9	
33+70.38	65.11' LT	8	
33+75.13	54.09' LT	15	
33+82.90	68.67' LT	6	
33+83.95	75.95' LT	8	
33+84.93	87.78' LT	12	
FAU 8048 (CH 23/WOODSIDE RD)			
39+15.43	67.90' RT	8	
39+15.43	67.90' RT	8	
39+44.60	53.27' RT	8	
39+53.89	59.11' RT	10	
39+56.97	54.22' RT	8	
40+10.94	57.63' RT	8	
42+61.89	61.35' RT	8	
42+62.67	58.90' RT	8	
42+80.31	59.88' RT	9	
43+03.48	56.40' RT	9	
43+36.05	54.66' RT	7	
43+38.59	52.42' RT	7	
43+38.62	52.32' RT	10	
43+54.11	55.05' RT	13	
43+69.72	52.61' RT	6	

TREE REMOVAL (CONTINUED)

LOCATION		TREE REMOVAL (6-15 UNITS)	TREE REMOVAL (OVER 15 UNITS)
STATION	OFFSET	(UNITS)	(UNITS)
43+76.83	48.17' RT	7	
43+78.57	49.02' RT	9	
43+78.57	49.02' RT	9	
43+78.57	49.02' RT	9	
43+80.30	52.16' RT	6	
43+87.43	49.74' RT	11	
45+95.95	54.70' RT	12	
46+06.11	46.61' RT	9	
46+11.68	46.65' RT	11	
46+93.16	44.98' RT	7	
47+12.16	50.13' RT		19
47+39.19	47.05' RT	6	
47+39.19	47.05' RT	7	
47+51.74	44.79' RT	8	
47+75.16	45.56' RT	8	
47+75.16	45.56' RT	10	
50+47.80	51.20' RT	6	
50+48.71	51.45' RT	8	
51+63.09	45.50' LT		31
51+67.02	46.08' LT		37
51+69.38	44.69' LT		21
51+73.76	45.69' LT		24
57+73.05	43.17' RT	10	
61+02.88	65.17' LT		26
TOTALS		348	189

COMBINATION CONCRETE CURB AND GUTTER AND MEDIAN

STATION / LOCATION			COMBINATION CURB AND GUTTER REMOVAL (FOOT)	COMBINATION CONCRETE CURB AND GUTTER,				CONCRETE MEDIAN, TYPE SB-6.18 (SQ FT)	CLASS SI CONCRETE (OUTLET) (CU YD)	CONCRETE MEDIAN SURFACE, 4 INCH (SQ FT)
				TYPE B-6.18 (FOOT)	TYPE M-6.06 (FOOT)	TYPE M-6.18 (FOOT)	TYPE M-6.24 (FOOT)			
FAU 8048 (CH 23/WOODSIDE RD)										
35+34.63	-	38+00.00			46.0		91.0	1,427		426
38+00.00	-	52+00.00						243		
52+00.00	-	66+00.00								
66+00.00	-	80+00.00	30.0						2.6	
80+00.00	-	89+10.00								
FAU 8006 (OLD IL4/OLD CHATHAM RD)										
0+42.00	-	4+55.00	138.0						2.6	
FAP 662 (IL 4/VETERANS PARKWAY)										
575+82.28	-	581+38.56	156			12.0	66.0			102
TOTALS			156	168.0	46.0	12.0	157.0	1,670	5.2	528

EROSION CONTROL

STATION / LOCATION			TEMPORARY DITCH CHECKS (FOOT)	PERIMETER EROSION BARRIER (FOOT)	EROSION CONTROL BLANKET (SQ YD)	INLET AND PIPE PROTECTION (EACH)	STONE RIPRAP, CLASS B3 (SPECIAL) (SQ YD)	STONE RIPRAP, CLASS B4 (SPECIAL) (SQ YD)
FAU 8048 (CH 23/SPAULDING ORCHARD RD)								
26+71.53	-	34+09.05	60	895		2	8	
FAU 8048 (CH 23/WOODSIDE RD)								
35+34.63	-	38+00.00	20	234		1	93	
38+00.00	-	52+00.00	140	969	1,695	1	9	1,119
52+00.00	-	66+00.00	160	679		3	471	
66+00.00	-	80+00.00	60	1,233		2	31	
80+00.00	-	89+10.00	20	1,246				
FAU 8006 (OLD IL4/OLD CHATHAM RD)								
0+42.00	-	4+55.00	40				12	
FAP 662 (IL 4/VETERANS PARKWAY)								
575+82.28	-	581+38.56		201		1		
TOTALS			500	5,457	1,695	10	624	1,119

PERMANENT PAVEMENT MARKING

STATION / LOCATION			PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID									RAISED REFLECTIVE PAVEMENT MARKER (EACH)	CURB REFLECTORS (EACH)	
			LETTERS AND SYMBOLS (SQ FT)	LINE 4" WHITE (FOOT)	LINE 4" YELLOW (FOOT)	LINE 5" WHITE (FOOT)	LINE 5" YELLOW (FOOT)	LINE 6" WHITE (FOOT)	LINE 8" WHITE (FOOT)	LINE 12" WHITE (FOOT)	LINE 12" YELLOW (FOOT)			LINE 24" WHITE (FOOT)
FAU 8048 (CH 23/SPAULDING ORCHARD RD)														
26+71.53	-	34+09.05	84	1,552	2,802			180			308	37	39	
FAU 8048 (CH 23/WOODSIDE RD)														
35+34.63	-	38+00.00	117	743	482			667	475	169		72	3	38
38+00.00	-	52+00.00	137	3,356	4,425			426			248		82	4
52+00.00	-	66+00.00		3,382	2,563								68	
66+00.00	-	80+00.00	94	3,387	4,618			530			468	73	102	
80+00.00	-	89+10.00	32	2,230	1,158			195		477	77		26	
FAU 8006 (OLD IL4/OLD CHATHAM RD)														
0+42.00	-	4+55.00	94	864	770			254		49		30	15	
FAP 662 (IL 4/VETERANS PARKWAY)														
575+82.28	-	581+38.56	16			227	334	47	134	43	20	88		
TOTALS			574	15,514	16,818	227	334	2,299	609	738	1,121	300	335	42

ENTRANCE

STATION / LOCATION		HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	AGGREGATE BASE COURSE, TYPE B 6"	AGGREGATE BASE COURSE, TYPE B 8"	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	AGGREGATE FOR TEMPORARY ACCESS (TON)
STATION	LT/RT	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)
FAU 8048 (CH 23/SPAULDING ORCHARD RD)						
28+77.42	LT				2	
29+68.19	LT				14	
30+14.49	RT	37		40		17
30+34.39	LT	31		34	57	14
32+23.85	LT	22		24		10
32+69.67	LT	23		25	44	11
FAU 8048 (CH 23/WOODSIDE RD)						
44+67.70	LT		88			40
52+93.77	RT	43		45		20
54+86.12	RT	50		52		23
59+66.04	LT		97			44
68+26.03	LT		93			43
OLD CHATHAM ROAD						
TOTALS		206	278	220	117	385

GUARDRAIL

STATION / LOCATION				STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	GUARDRAIL REFLECTORS, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)	GUARDRAIL REMOVAL (FOOT)
FAU 8048 (CH 23/WOODSIDE RD)									
36+81.36	-	39+99.51	RT	250.0	1	1	4	2	
38+58.33	-	42+09.73	LT	287.5	1	1	4	2	
38+60.90	-	40+15.07	RT						154
38+61.23	-	40+13.98	LT						154
48+09.05	-	50+99.83	RT	250.0	1	1	4	2	
49+58.14	-	51+11.11	RT						154
49+68.08	-	51+21.15	LT						154
49+82.78	-	52+73.57	LT	250.0	1	1	4	2	
TOTALS				1,037.5	4	4	16	8	616

SIGNING

STATION / LOCATION		SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL ASSEMBLY		RELOCATE SIGN PANEL		BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT	REMOVE SIGN PANEL ASSEMBLY	
			TYPE A	TYPE B	TYPE 2	TYPE 3			TYPE A	TYPE B
STATION	LT/RT	(SQ FT)	(EACH)	(EACH)	(SQ FT)	(SQ FT)	(EACH)	(FOOT)	(EACH)	(EACH)
FAU 8048 (CH 23/SPAULDING ORCHARD RD)										
27+00.00	RT	7						17.0		
27+32.00	RT	6						16.5		
28+03.33	RT								1	
30+31.00	RT		1							
30+96.00	LT	12						18.5		
30+96.45	LT								1	
32+28.33	RT								1	
32+96.00	LT	9						18.0		
32+96.50	LT								1	
33+83.00	LT	9								
FAU 8048 (CH 23/WOODSIDE RD)										
35+79.00	RT	10					1	15.0		
39+25.68	RT								1	
39+26.98	LT								1	
39+37.00	LT	3						15.5		
39+37.00	RT	3						15.5		
40+57.00	RT	12						18.5		
40+57.23	RT								1	
41+66.00	LT	6						16.5		
42+27.60	LT								1	
42+96.72	LT								1	
42+97.00	LT	3						15.5		
42+97.74	RT								1	
42+98.00	RT	3						15.5		
43+41.00	LT			1						
45+41.00	LT	7						17.0		
47+63.00	RT		1							
49+33.61	LT								1	
52+91.05	RT								1	
55+14.54	RT								1	
64+89.00	RT	8						17.5		
66+55.66	RT								1	

SIGNING (CONTINUED)

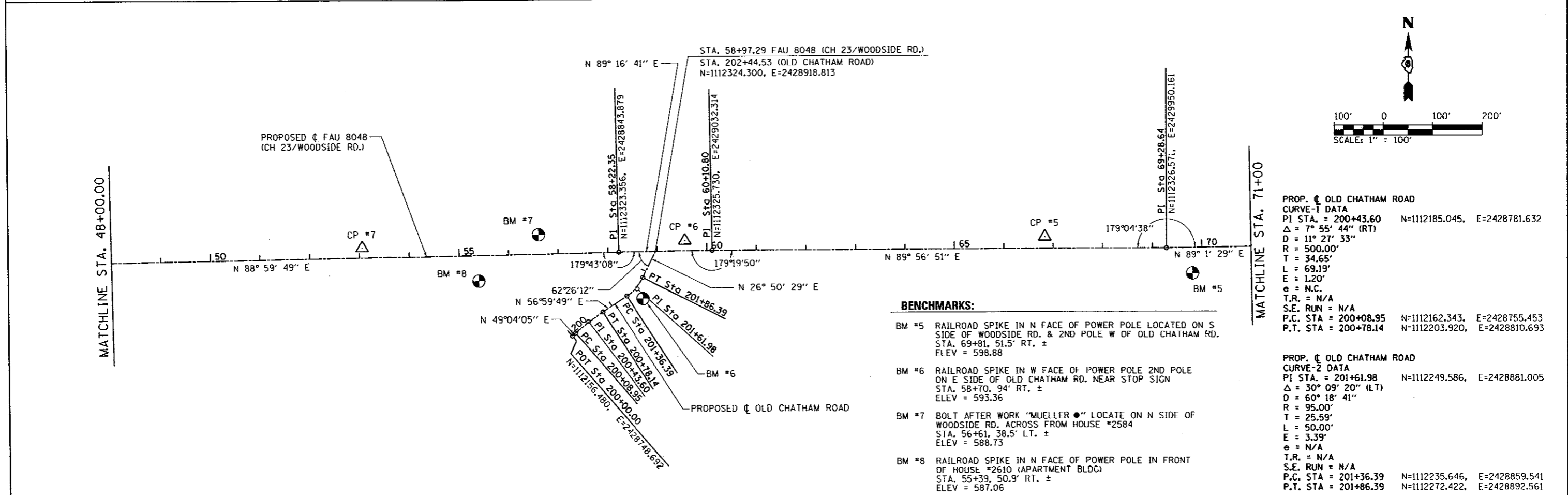
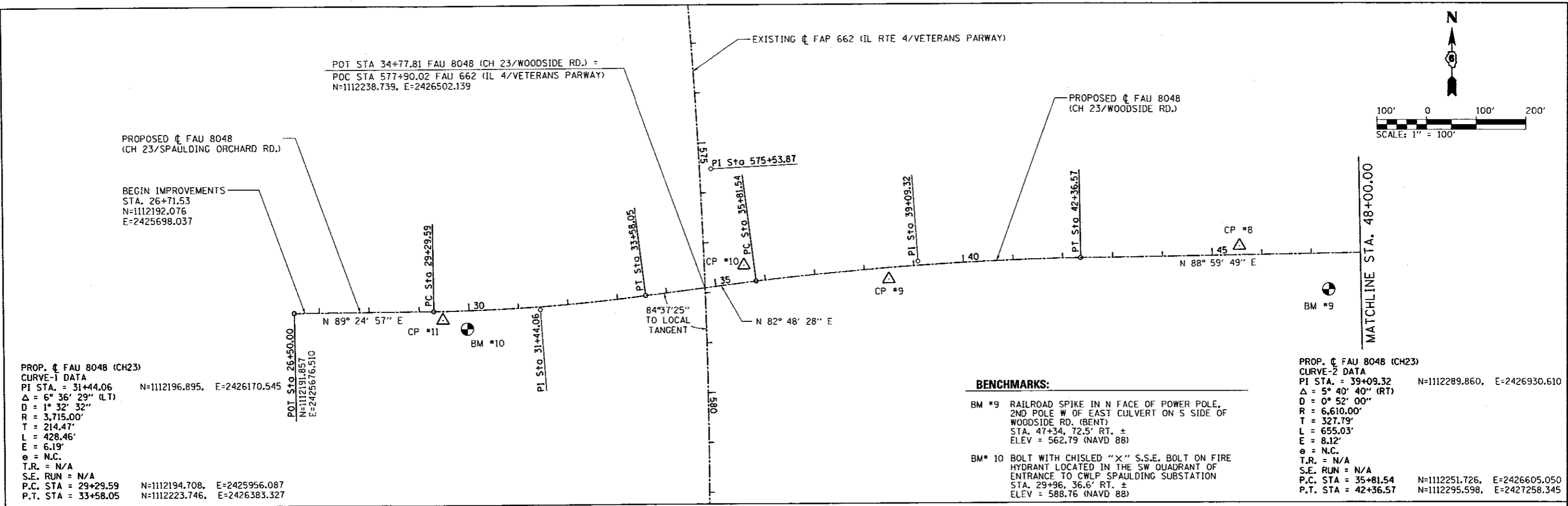
STATION / LOCATION		SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL ASSEMBLY		RELOCATE SIGN PANEL		BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT	REMOVE SIGN PANEL ASSEMBLY	
			TYPE A	TYPE B	TYPE 2	TYPE 3			TYPE A	TYPE B
STATION	LT/RT	(SQ FT)	(EACH)	(EACH)	(SQ FT)	(SQ FT)	(EACH)	(FOOT)	(EACH)	(EACH)
66+89.00	RT			1						
71+51.00	LT	14						34.5		
71+51.48	LT								2	
73+82.00	RT			1						
75+00.00	RT	7						17.0		
75+59.83	RT								1	
75+60.00	RT	8						16.5		
76+62.93	LT								1	
78+60.00	LT	6						16.5		
78+85.53	LT								1	
80+35.01	LT								1	
82+25.00	LT	8						17.5		
89+15.00	RT		1							
89+15.00	RT		1							
89+15.00	RT		1							
FAU 8048 (CH23/WOODSIDE RD) & FAP 662 (IL 4/VETERANS PARKWAY) INTERSECTION										
NE MAST ARM						30				
NW MAST ARM					10					
SE MAST ARM					10					
SW MAST ARM						30				
FAU 8048 (CH23/WOODSIDE RD) & FAU 8006 (OLD IL4/OLD CHATHAM RD) INTERSECTION										
NW MAST ARM					12					
SW MAST ARM					13					
SE MAST ARM					12					
FAU 8006 (OLD IL 4/OLD CHATHAM RD)										
4+65.00	LT	6						16.5		
OLD CHATHAM RD										
201+62.00	RT	13						17.0		
201+62.03	RT								1	
FAP 662 (IL 4/VETERANS PARKWAY)										
578+50.91	RT									1
578+63.00	RT	10					1	15.0		
TOTALS		170	5	3	57	60	2	367.0	21	1

DRAINAGE

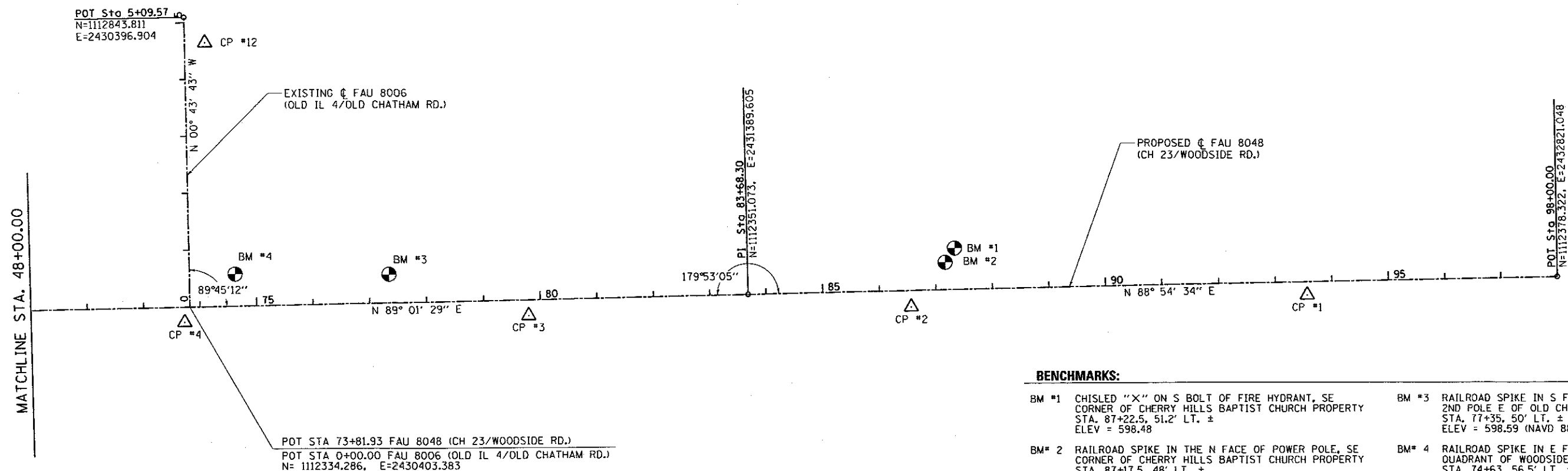
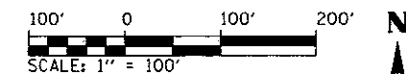
STATION / LOCATION		CONCRETE COLLAR	METAL END SECTIONS 12"	METAL END SECTIONS 15"	PRECAST REINFORCED CONCRETE F.E.S.						MANHOLES, TYPE A,			INLETS, TYPE A, TYPE 3 FRAME AND GRATE	PIPE CULVERTS, CLASS A, TYPE 1						PIPE CULVERTS, CLASS A, TYPE 2 12"	PIPE CULVERTS, CLASS A, TYPE 2 36"	PIPE CULVERTS, CLASS A, TYPE 2 42"	PIPE CULVERTS, CLASS D, TYPE 1 12"	PIPE CULVERTS, CLASS D, TYPE 1 15"	PIPE CULVERTS, CLASS A 36" (JACKED)	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH		
					12"	15"	18"	21"	36"	42"	4'-DIA.,	6'-DIA.,	7'-DIA.,		12"	15"	18"	21"	36"	42"									
STATION	OFFSET	(CU YD)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)		
FAU 8048 (CH 23/SPAULDING ORCHARD RD)																													
28+73.36	41.20' RT.						1																						
28+73.40	32.11' RT.													6															
28+73.41	29.44' RT.	0.3																											
32+06.40	35.04' LT			1																									
32+47.26	34.29' LT																								78				
32+88.09	33.09' LT			1																									
FAU 8048 (CH 23/WOODSIDE RD)																													
35+71.59	71.39' LT	0.7																											
35+81.54	68.55' LT																								21				
35+90.50	29.00' LT											1																	
35+92.16	46.68' LT																												
35+93.87	65.02' LT												1																
35+98.45	70.39' LT																												
36+01.16	36.87' RT	0.8																											
36+04.86	59.39' RT																												
36+06.57	79.93' LT										1																		
36+09.97	90.29' RT											1																	
38+28.00	12.00' RT																												
38+28.00	46.57' RT																												
38+28.00	85.79' RT																												
39+79.00	69.72' LT																												
39+79.00	3.81' RT																												
39+79.00	77.34' RT																												
44+40.99	39.00' LT			1																									
44+68.45	38.63' LT																												
44+95.90	38.25' LT			1																									
52+92.31	44.56' RT			1																									
53+10.52	43.21' RT																												
53+28.72	41.85' RT			1																									
54+65.37	38.31' RT			1																									
54+86.43	38.32' RT																												
55+07.48	38.33' RT			1																									
60+96.56	90.90' LT																												

NOTES:

1. ALL OFFSETS TO MANHOLES AND INLETS PLACED IN THE CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT.
2. ALL OFFSETS TO MANHOLES AND INLETS PLACED BEHIND OR IN FRONT OF CURB AND GUTTER ARE TO THE CENTER OF STRUCTURE.
3. ALL OFFSETS TO INVERTS FOR END SECTIONS ARE AT THE APPROPRIATE INLET OR OUTLET END OF THE STRUCTURE'S CENTERLINE.

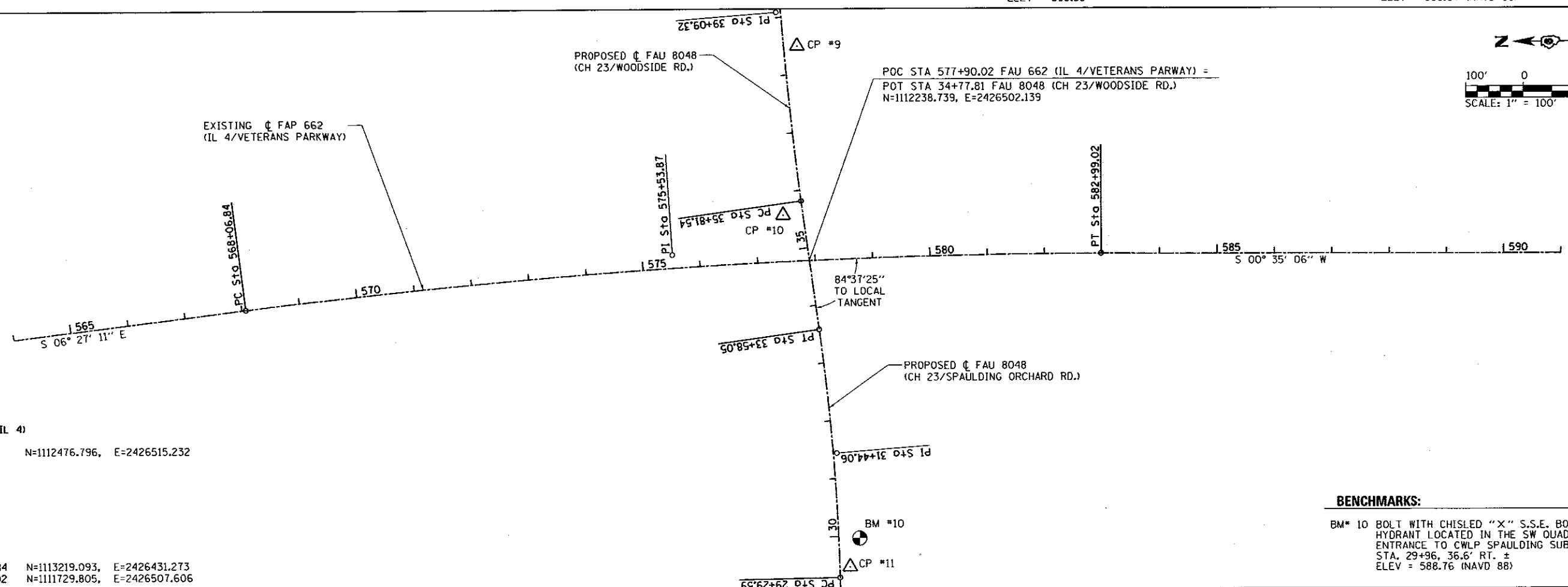
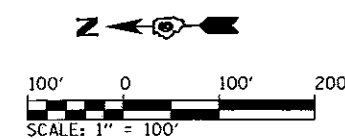


FILE NAME = D6-Sht-ATB-01.dgn	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	ALIGNMENT, TIES & BENCHMARKS FAU 8048 (CH 23 / WOODSIDE RD.)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\SangamonCo\1402901\Draw\CADD_Sheets		DRAWN - RAR	REVISED -		8048	07-00090-09-FP	SANGAMON	141	29			
		CHECKED - KLT	REVISED -		CONTRACT NO. 93686							
Default		DATE - 06/23/2017	REVISED -		ILLINOIS FED. AID PROJECT							



BENCHMARKS:

- BM #1 CHISLED "X" ON S BOLT OF FIRE HYDRANT, SE CORNER OF CHERRY HILLS BAPTIST CHURCH PROPERTY STA. 87+22.5, 51.2' LT. ± ELEV = 598.48
- BM #2 RAILROAD SPIKE IN THE N FACE OF POWER POLE, SE CORNER OF CHERRY HILLS BAPTIST CHURCH PROPERTY STA. 87+17.5, 48' LT. ± ELEV = 598.33
- BM #3 RAILROAD SPIKE IN S FACE OF POWER POLE, 2ND POLE E OF OLD CHATHAM ROAD STA. 77+35, 50' LT. ± ELEV = 598.59 (NAVD 88)
- BM #4 RAILROAD SPIKE IN E FACE OF POWER POLE, NE QUADRANT OF WOODSIDE RD. & OLD CHATHAM RD. STA. 74+63, 56.5' LT. ± ELEV = 599.07 (NAVD 88)

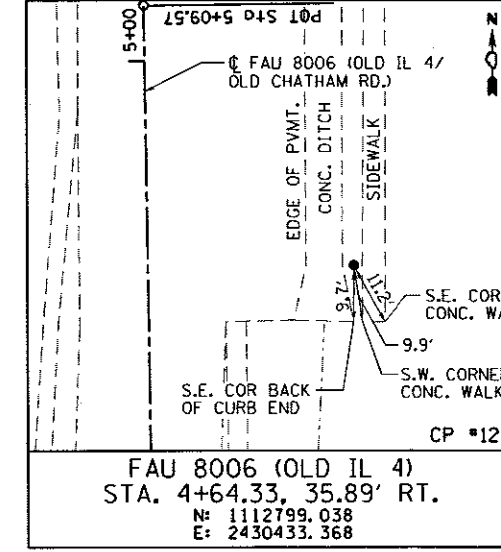
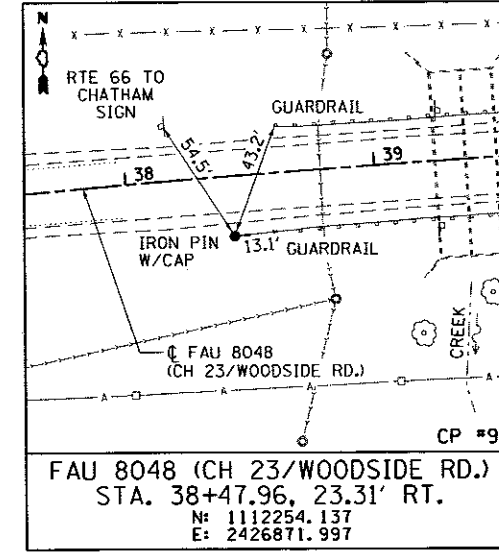
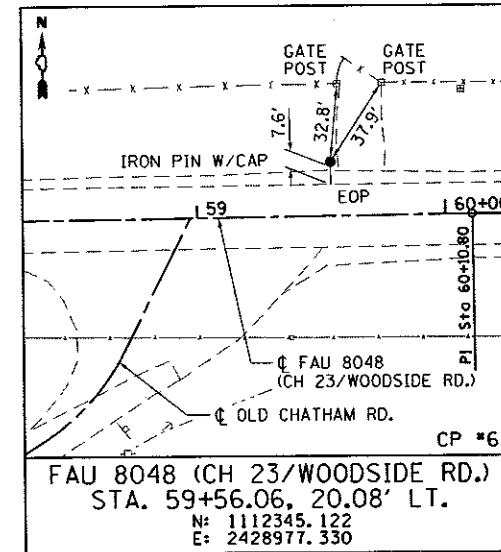
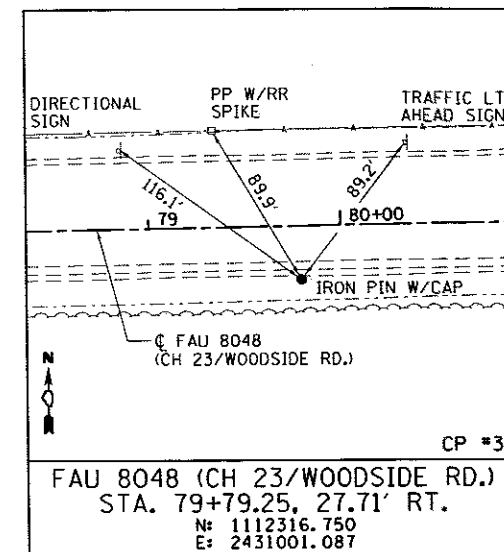
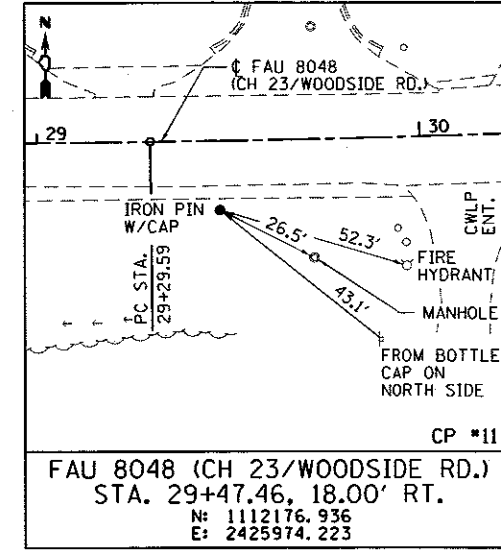
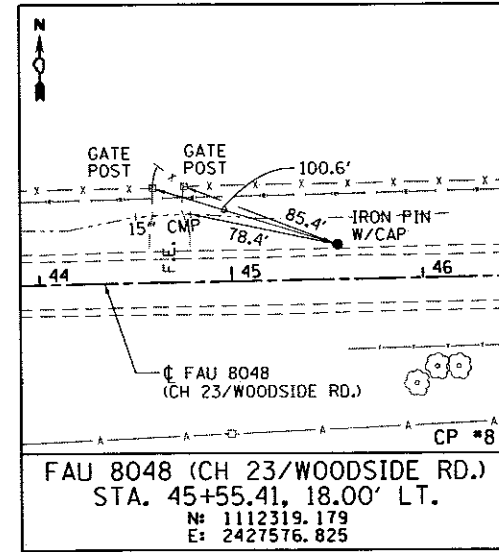
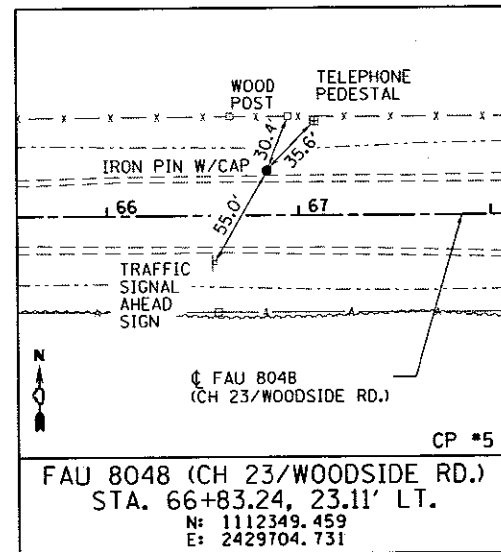
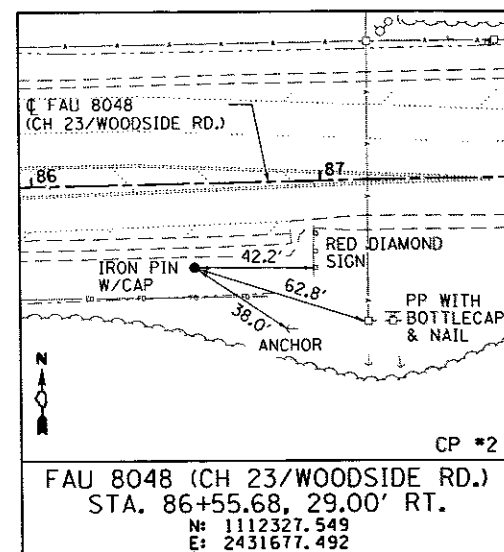
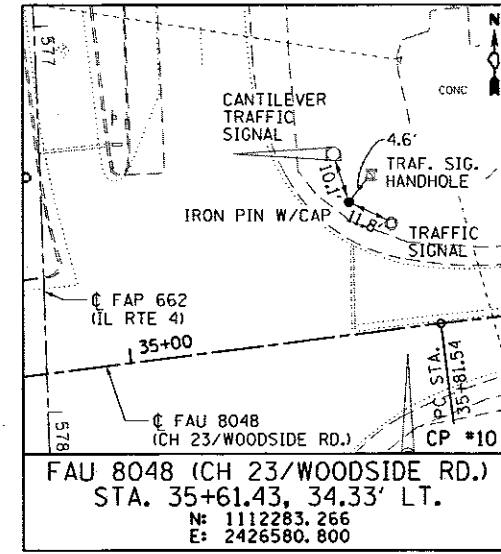
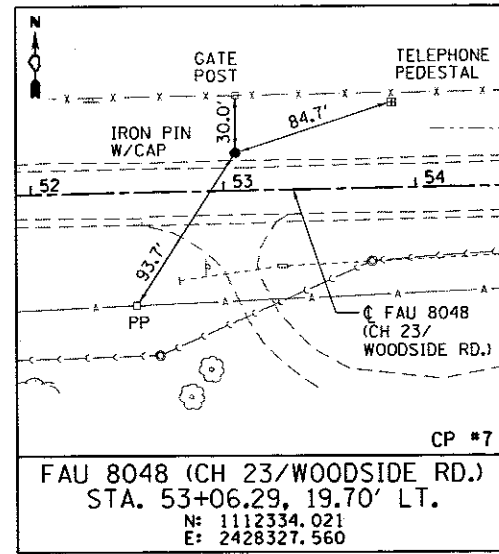
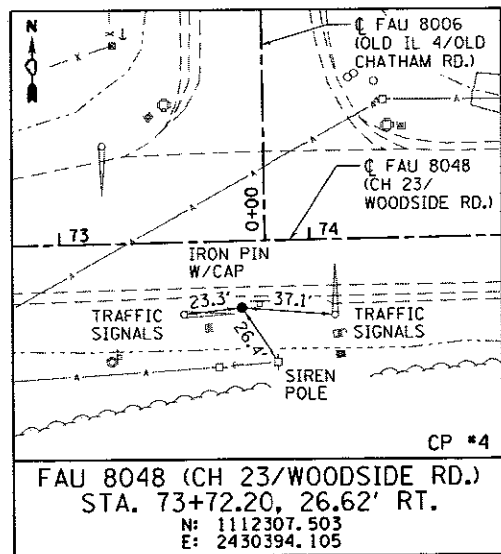
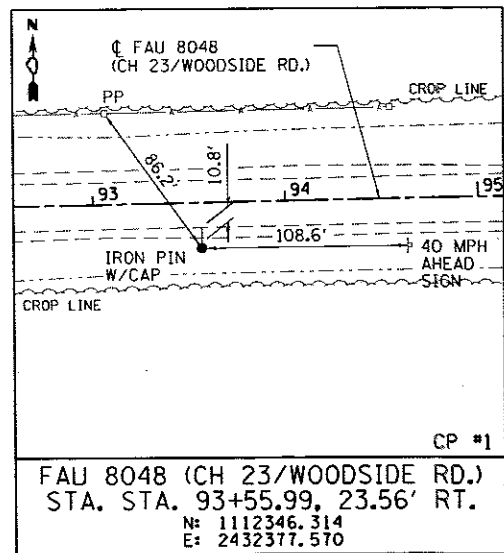


BENCHMARKS:

- BM #10 BOLT WITH CHISLED "X" S.S.E. BOLT ON FIRE HYDRANT LOCATED IN THE SW QUADRANT OF ENTRANCE TO CWLP SPAULDING SUBSTATION STA. 29+96, 36.6' RT. ± ELEV = 588.76 (NAVD 88)

EXIST C FAU 8006 (IL 4)
 CURVE DATA
 PI STA. = 575+53.87 N=1112476.796, E=2426515.232
 Δ = 7° 02' 17" (RT)
 D = 0° 28' 18"
 R = 12,147.61'
 T = 747.03'
 L = 1,492.18'
 E = 22.95'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 568+06.84 N=1113219.093, E=2426431.273
 P.T. STA = 582+99.02 N=1111729.805, E=2426507.606

FILE NAME = 06-Sht-ATB-02.dgn	USER NAME = Matt Overbey	DESIGNED - MJD	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	ALIGNMENT, TIES & BENCHMARKS FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Li\SangamonCo\1402901\1D-00\CA000_Sheets		DRAWN - RAN	REVISED -			8048	07-00090-09-FP	SANGAMON	141	30	
Default		CHECKED - KLT	REVISED -			CONTRACT NO. 93686					
		DATE - 06/23/2017	REVISED -			ILLINOIS FED. AID PROJECT					



FILE NAME = D6-Sht-ATB-03.dgn
USER NAME = Matt Overbey
L:\Sangamon\Co\1482901\Draw\CADD\Sheets

DESIGNED - MJD
DRAWN - RAH
CHECKED - KLT
DATE - 06/23/2017

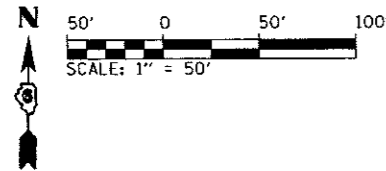
REVISIONS
REVISED -
REVISED -
REVISED -
REVISED -

**SANGAMON COUNTY
HIGHWAY DEPARTMENT**

**ALIGNMENT, TIES & BENCHMARKS
FAU 8048 (CH 23 / WOODSIDE RD.)**

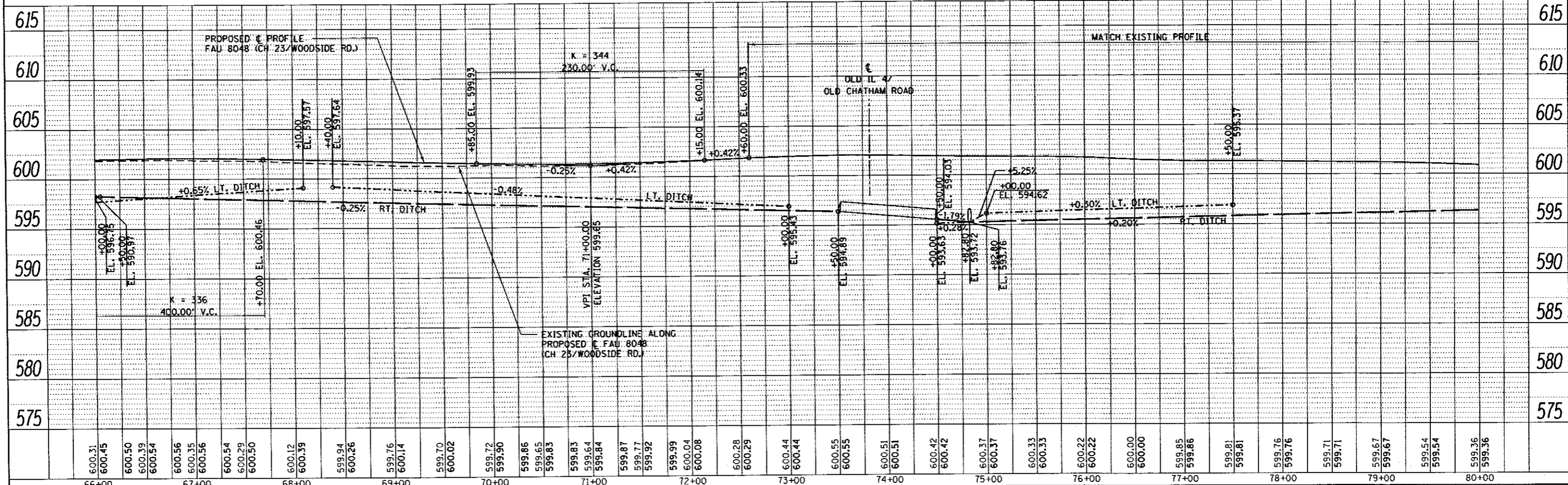
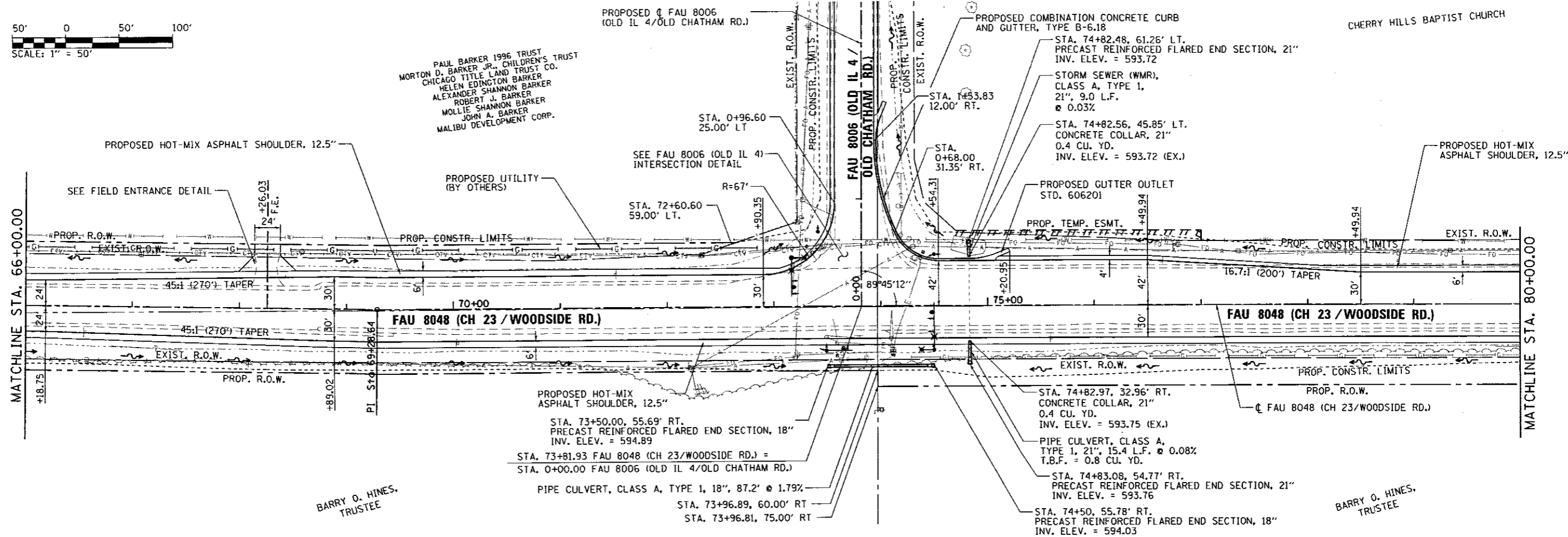
SCALE: N/A SHEET 3 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	31
CONTRACT NO. 93686				
ILLINOIS FED. AID PROJECT				

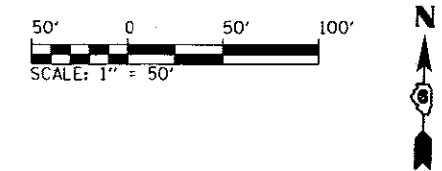


DATE	
BY	
CHECKED	
DATE	
BY	
NO.	

DATE	
BY	
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DATE	
BY	
NO.	

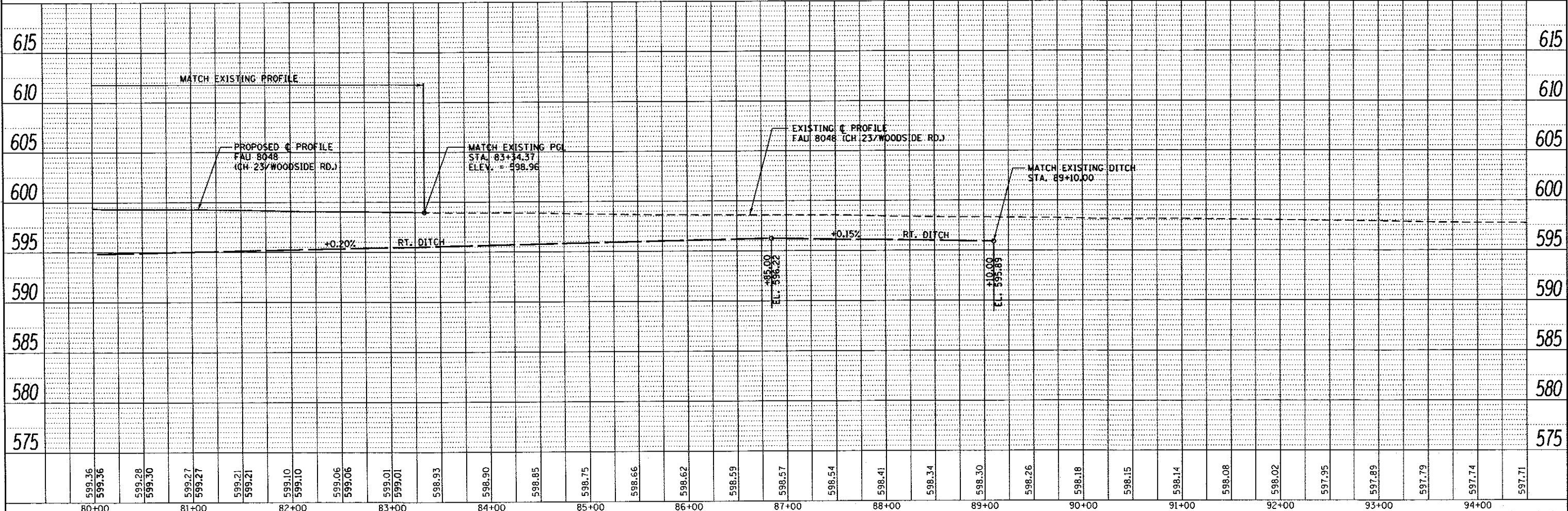
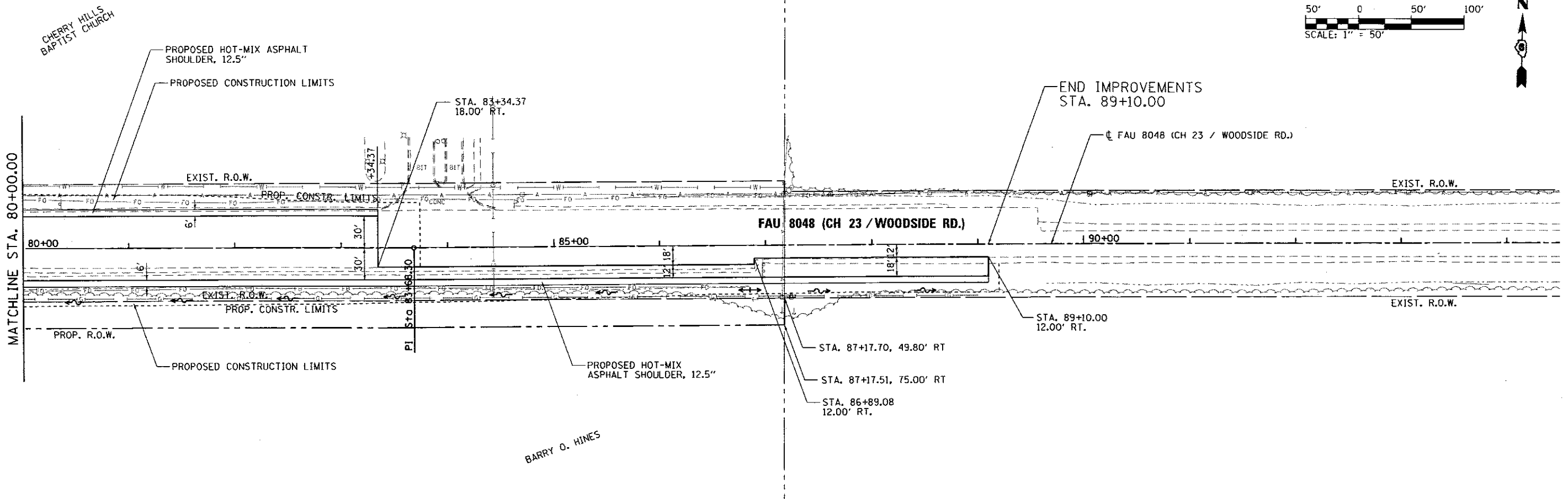


FILE NAME : D6-Shr-PNP-B4_Wood.dgn	USER NAME : Matt Overbey	DESIGNED - MJD	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	PLAN AND PROFILE SHEET FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\Sangamon\CA\1482981\Drawings\CADD_Sheets\		DRAWN - RAH	REVISED -			8048	07-00090-09-FP	SANGAMON	141	35	
Default		CHECKED - KLT	REVISED -			CONTRACT NO. 93686					
		DATE - 06/23/2017	REVISED -			SCALE: 1" = 50'		SHEET 4 OF 7 SHEETS		STA. 66+00 TO STA. 80+00	

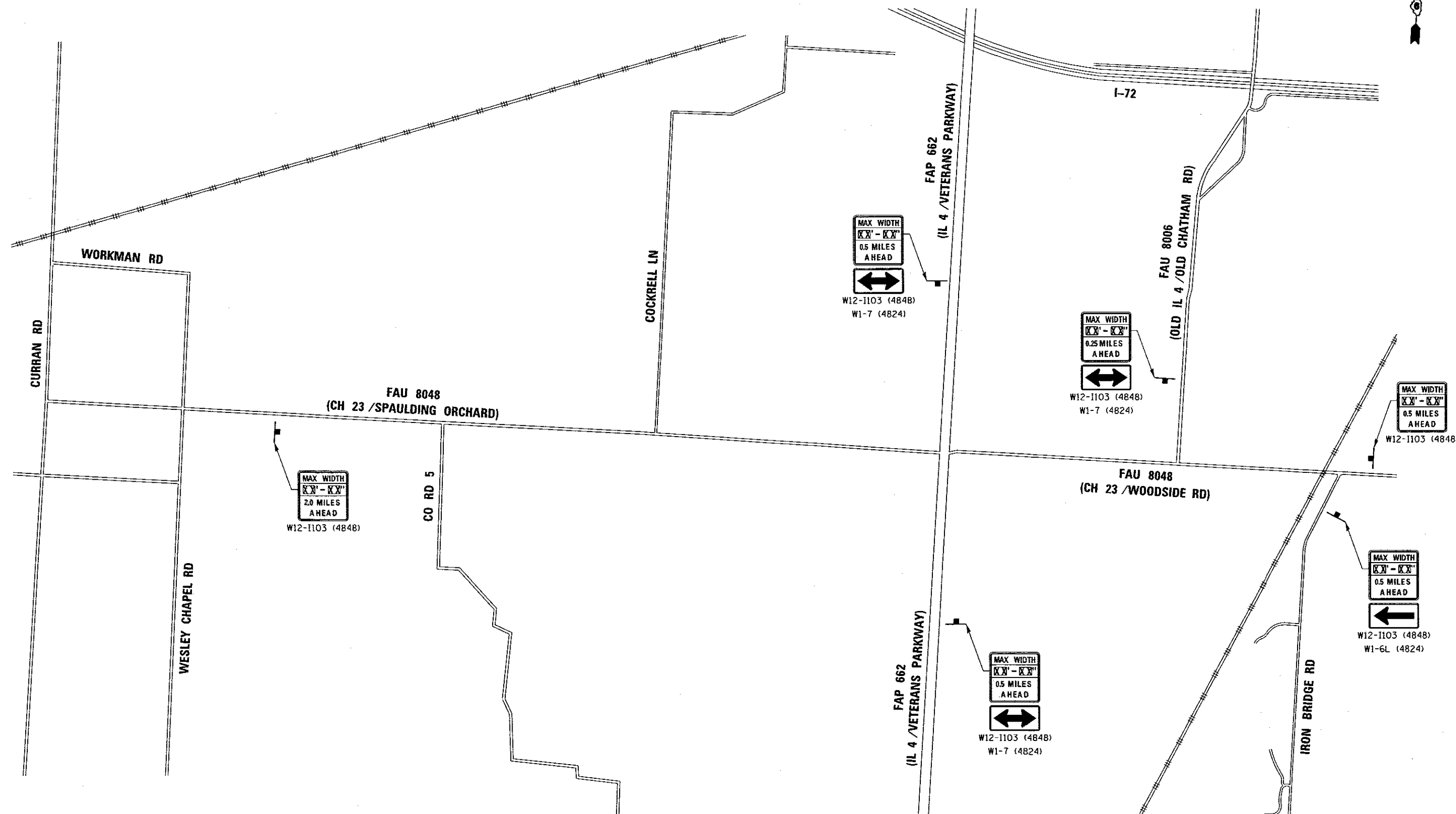


DATE	
BY	
SAVED	
PLotted	
NOTE BOOK	
NO.	
FILE NAME	

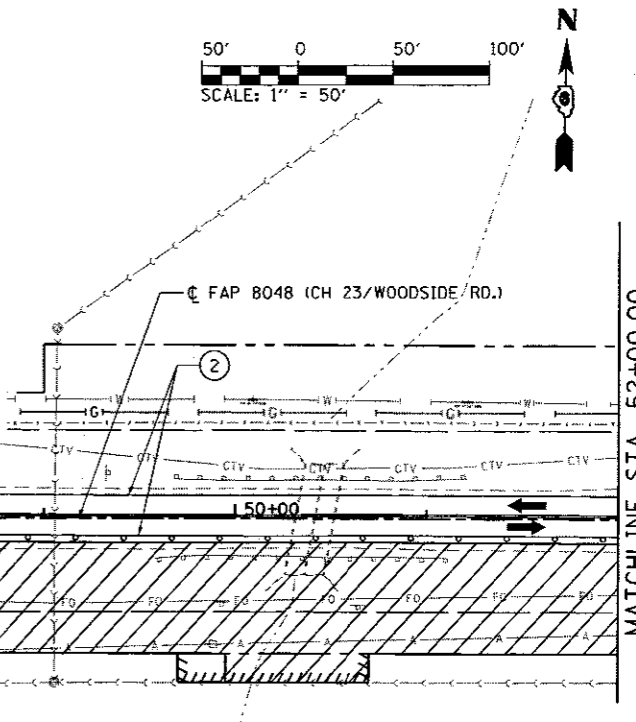
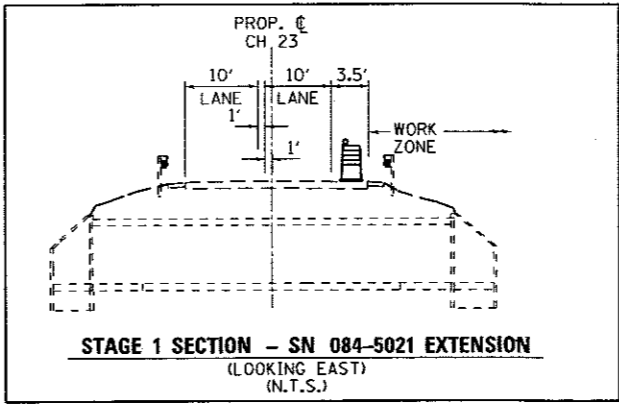
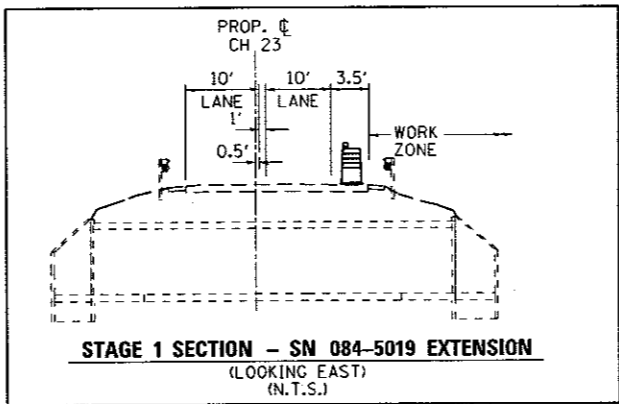
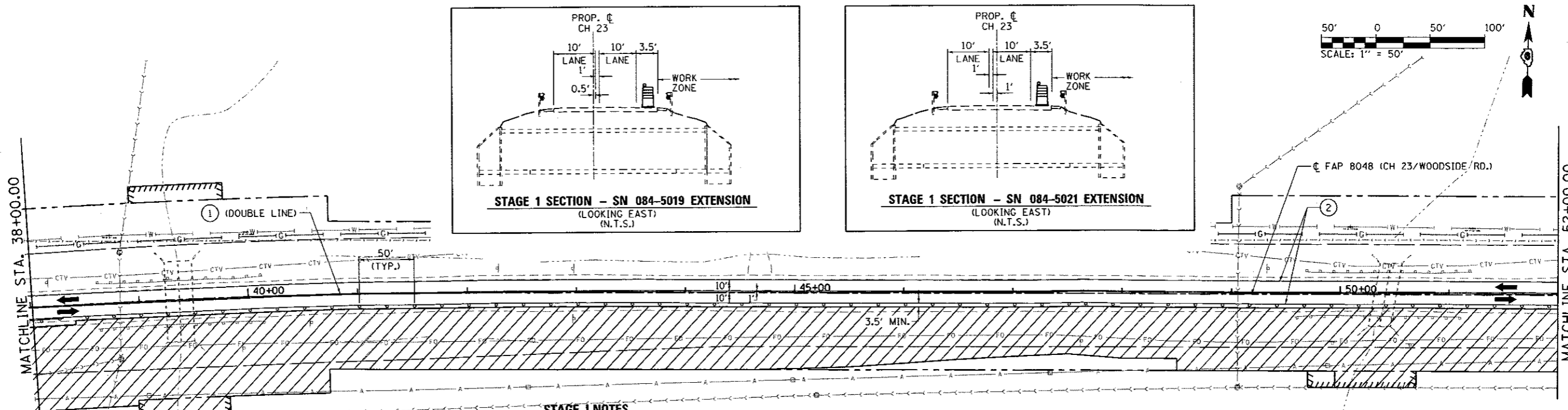
DATE	
BY	
PROFILER	
GRADES CHECKED	
NOTE BOOK	
NO.	
STRUCTURE NOTATIONS	



FILE NAME = D6-Sht-PWP-05_Wood.dgn	USER NAME = Matt Overbey	DESIGNED - MJD	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	PLAN AND PROFILE SHEET FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 36	
Default	PLOT SCALE = 1/8" = 1' / in.	DRAWN - RAH	REVISED -			SCALE: 1' = 50'	SHEET 5 OF 7 SHEETS	STA. 80+00 TO STA. 94+00	CONTRACT NO. 93686		
	PLOT DATE = 6/23/2017 - 4:07:40 PM	CHECKED - KLT	REVISED -			ILLINOIS FED. AID PROJECT					
		DATE - 06/23/2017	REVISED -								



FILE NAME = D6-Sht-MOT Max Width.dgn L:\SangamonCo\1402901\Draw\CADD_Sheets\	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	MAINTENANCE OF TRAFFIC - MAX WIDTH SIGNING FAU 8048 (CH 23 / WOODSIDE RD.)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1600.0000' / in.	CHECKED - KLT	REVISED -					8048	07-00090-09-FP	SANGAMON	141	39
Default	PLOT DATE = 6/23/2017 - 4:07:43 PM	DATE - 06/23/2017	REVISED -		SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 93686				



STAGE 1 NOTES

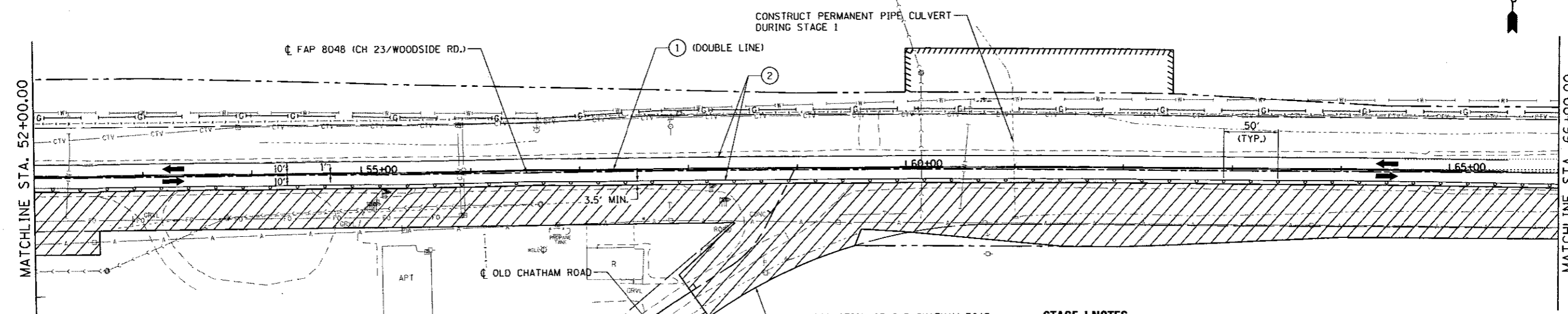
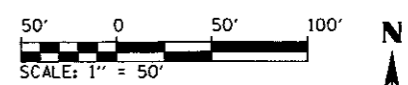
1. THE CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT WIDENING, SHOULDERS, DITCHES AND HMA PAVING WITHIN THE WORK ZONE.
2. PAVEMENT WIDENING SHALL BE CONSTRUCTED UTILIZING IDOT HIGHWAY STANDARD 701326 WHERE NECESSARY. SIGN PANELS W21-1104 AND W21-1105 SHALL REPLACE W20-4(0)-48.
3. THE CONTRACTOR SHALL INSTALL ALL NECESSARY PAVEMENT MARKING AND TRAFFIC CONTROL SIGNAGE FOR SHIFTING THE TRAFFIC FOR STAGE 2/CONSTRUCTION.
4. ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS DIRECTED BY THE ENGINEER.
5. CONSTRUCTION OF DOUBLE 12'x7.5' BOX CULVERT AND DOUBLE 9.5'x7.5' BOX CULVERT SOUTH EXTENSIONS AND GUARDRAIL SHALL BE COMPLETED PRIOR TO SHIFTING TRAFFIC FOR STAGE 2 CONSTRUCTION.

LEGEND

- WORK ZONE
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- TYPE III BARRICADE W/FLASHING LIGHTS
- TEMPORARY CONSTRUCTION/TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC FLOW
- PORTABLE CHANGEABLE MESSAGE SIGN MESSAGE: "CAUTION: ROAD WORK AHEAD" OR AS DIRECTED BY COUNTY

TEMPORARY PAVEMENT MARKINGS

- ① 4" YELLOW (SOLID)
- ② 4" WHITE (SOLID)
- ③ 24" WHITE (SOLID)
- ④ TEMPORARY PAVEMENT MARKING LETTERS & SYMBOLS (WHITE)



RECONSTRUCTION OF OLD CHATHAM ROAD (SOUTH OF WOODSIDE ROAD) SHALL BE COMPLETED IN STAGES, ONE LANE OF TRAFFIC SHALL REMAIN OPEN AT ALL TIMES USING APPROPRIATE IDOT LANE CLOSURE HIGHWAY STANDARDS.

STAGE 1 NOTES

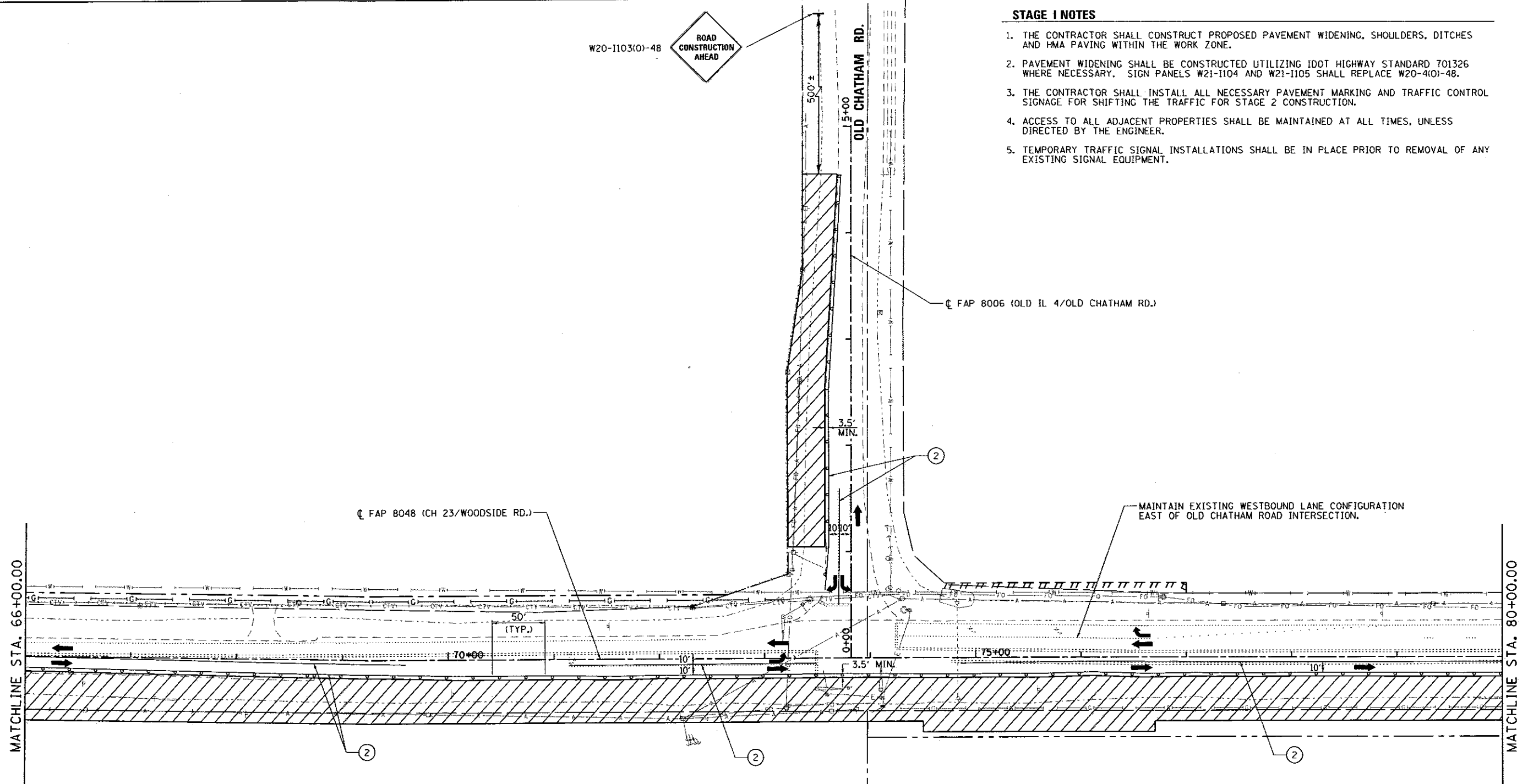
1. THE CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT WIDENING, SHOULDERS, DITCHES AND HMA PAVING WITHIN THE WORK ZONE.
2. PAVEMENT WIDENING SHALL BE CONSTRUCTED UTILIZING IDOT HIGHWAY STANDARD 701326 WHERE NECESSARY. SIGN PANELS W21-1104 AND W21-1105 SHALL REPLACE W20-4(0)-48.
3. THE CONTRACTOR SHALL INSTALL ALL NECESSARY PAVEMENT MARKING AND TRAFFIC CONTROL SIGNAGE FOR SHIFTING THE TRAFFIC FOR STAGE 2 CONSTRUCTION.
4. ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS DIRECTED BY THE ENGINEER.

FILE NAME = 06-Sht-MOT STAGE 1-02.dgn L:\SangamonCo\1482901\Draw\CADD_Sheets	USER NAME = Matt Overbey	DESIGNED - MJD	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	MAINTENANCE OF TRAFFIC - STAGE 1 FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 41	
PLOT SCALE = 100.0000' / 1"	CHECKED - KLT	REVISED -	REVISED -			SCALE: 1" = 50'	SHEET 2 OF 4 SHEETS	STA. 38+00 TO STA. 66+00	CONTRACT NO. 93686		ILLINOIS FED. AID PROJECT
PLOT DATE = 6/23/2017 - 4:07:44 PM	DATE - 06/23/2017	REVISED -	REVISED -								
Default											

W20-1103(O)-48
ROAD CONSTRUCTION AHEAD

STAGE I NOTES

1. THE CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT WIDENING, SHOULDERS, DITCHES AND HMA PAVING WITHIN THE WORK ZONE.
2. PAVEMENT WIDENING SHALL BE CONSTRUCTED UTILIZING IDOT HIGHWAY STANDARD 701326 WHERE NECESSARY. SIGN PANELS W21-1104 AND W21-1105 SHALL REPLACE W20-4101-48.
3. THE CONTRACTOR SHALL INSTALL ALL NECESSARY PAVEMENT MARKING AND TRAFFIC CONTROL SIGNAGE FOR SHIFTING THE TRAFFIC FOR STAGE 2 CONSTRUCTION.
4. ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS DIRECTED BY THE ENGINEER.
5. TEMPORARY TRAFFIC SIGNAL INSTALLATIONS SHALL BE IN PLACE PRIOR TO REMOVAL OF ANY EXISTING SIGNAL EQUIPMENT.

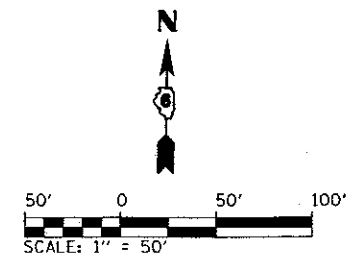


LEGEND

- WORK ZONE
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- TYPE III BARRICADE W/FLASHING LIGHTS
- TEMPORARY CONSTRUCTION/TRAFFIC CONTRAL SIGN
- DIRECTION OF TRAFFIC FLOW
- PORTABLE CHANGEABLE MESSAGE SIGN MESSAGE: "CAUTION: ROAD WORK AHEAD" OR AS DIRECTED BY COUNTY

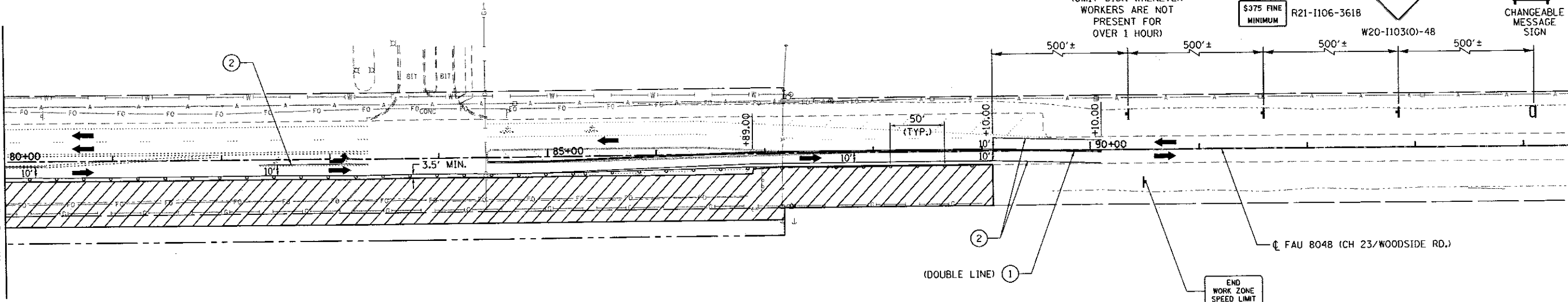
TEMPORARY PAVEMENT MARKINGS

- ① 4" YELLOW (SOLID)
- ② 4" WHITE (SOLID)
- ③ 24" WHITE (SOLID)
- ④ TEMPORARY PAVEMENT MARKING LETTERS & SYMBOLS (WHITE)



FILE NAME = D6-5ht-MDT STAGE 1-03.dgn	USER NAME = Matt Overbay	DESIGNED - KLT	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	MAINTENANCE OF TRAFFIC - STAGE 1 FAU 8048 (CH 23 / WOODSIDE RD.)		F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 42	
L:\SangamonCo\1402981\Draw\CA00D_Sheets	PLOT SCALE = 100.0000' / in.	DRAWN - RAH	REVISED -		SCALE: 1" = 50'	SHEET 3 OF 4 SHEETS	STA. 66+00 TO STA. 80+00	CONTRACT NO. 93686				
Default	PLOT DATE = 6/23/2017 - 4:07:45 PM	CHECKED - KLT	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 06/23/2017	REVISED -									

MATCHLINE STA. 80+00.00



STAGE I NOTES

1. THE CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT WIDENING, SHOULDERS, DITCHES AND HMA PAVING WITHIN THE WORK ZONE.
2. PAVEMENT WIDENING SHALL BE CONSTRUCTED UTILIZING IDOT HIGHWAY STANDARD 701326 WHERE NECESSARY. SIGN PANELS W21-1104 AND W21-1105 SHALL REPLACE W20-4(O)-48.
3. THE CONTRACTOR SHALL INSTALL ALL NECESSARY PAVEMENT MARKING AND TRAFFIC CONTROL SIGNAGE FOR SHIFTING THE TRAFFIC FOR STAGE 2 CONSTRUCTION.
4. ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS DIRECTED BY THE ENGINEER.



LEGEND

	WORK ZONE		TEMPORARY CONSTRUCTION/TRAFFIC CONTROL SIGN
	TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT		DIRECTION OF TRAFFIC FLOW
	TYPE III BARRICADE W/FLASHING LIGHTS		PORTABLE CHANGEABLE MESSAGE SIGN MESSAGE: "CAUTION: ROAD WORK AHEAD" OR AS DIRECTED BY COUNTY

TEMPORARY PAVEMENT MARKINGS

- ① 4" YELLOW (SOLID)
- ② 4" WHITE (SOLID)
- ③ 24" WHITE (SOLID)
- ④ TEMPORARY PAVEMENT MARKING LETTERS & SYMBOLS (WHITE)

FILE NAME = 06-Shr-MOT STAGE 1-04.dgn	USER NAME = Matt Overbey	DESIGNED - KLD	REVISED -
L:\SangamonCo\1482981\Draw\CADD_Sheets		DRAWN - RAH	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - KLT	REVISED -
	PLOT DATE = 6/23/2017 4:07:16 PM	DATE - 06/23/2017	REVISED -

**SANGAMON COUNTY
HIGHWAY DEPARTMENT**

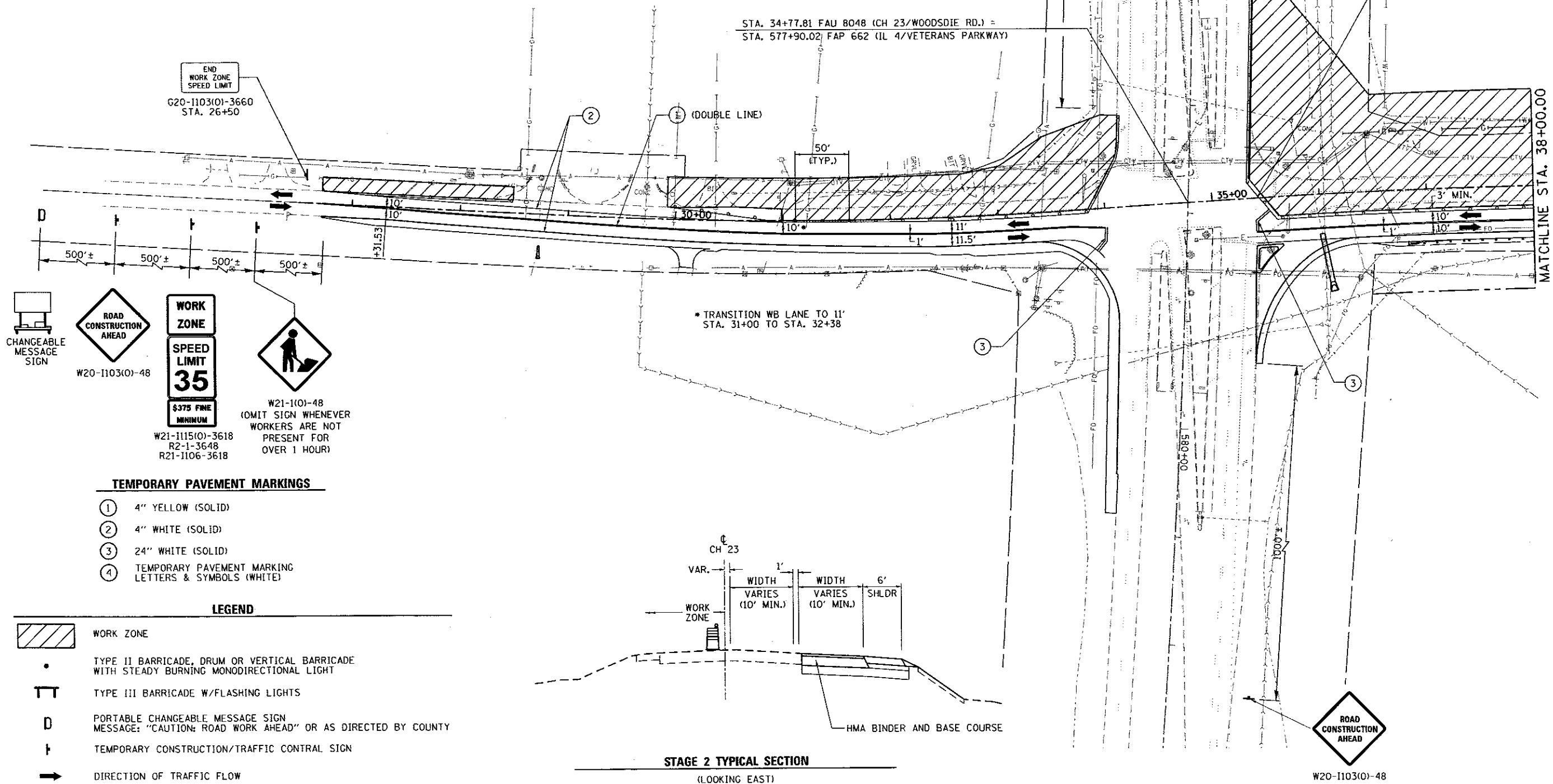
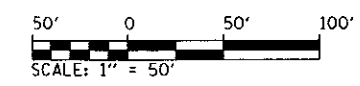
**MAINTENANCE OF TRAFFIC STAGE 1
FAU 8048 (CH 23 / WOODSIDE RD.)**

SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. 80+00 TO STA. 94+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	43
			CONTRACT NO. 93686	
ILLINOIS FED. AID PROJECT				

STAGE 2 NOTES

1. THE CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT WIDENING, SHOULDERS, DITCHES AND HMA PAVING WITHIN THE WORK ZONE.
2. PAVEMENT WIDENING SHALL BE CONSTRUCTED UTILIZING IDOT HIGHWAY STANDARD 701326 WHERE NECESSARY. SIGN PANELS W21-1104 AND W21-1105 SHALL REPLACE W20-4101-48.
3. ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS DIRECTED BY THE ENGINEER.
4. PROPOSED TRAFFIC SIGNAL INSTALLATIONS SHALL BE IN PLACE PRIOR TO REMOVAL OF ANY TEMPORARY SIGNAL EQUIPMENT.
5. CONSTRUCTION ADJACENT TO IL 4/VETERANS PARKWAY SHALL BE COMPLETED DURING NON-PEAK HOURS.
6. FOLLOWING SHIFTING OF TRAFFIC TO FINAL LANE CONFIGURATIONS, CONTRACTOR SHALL CONSTRUCT FINAL GRADING AND ANY NECESSARY ADJUSTMENTS TO DRAINAGE ITEMS.
7. THE CONTRACTOR SHALL INSTALL THE FINAL PAVEMENT MARKING PER THE PLANS AND PERMANENT SIGNING AND REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.



TEMPORARY PAVEMENT MARKINGS

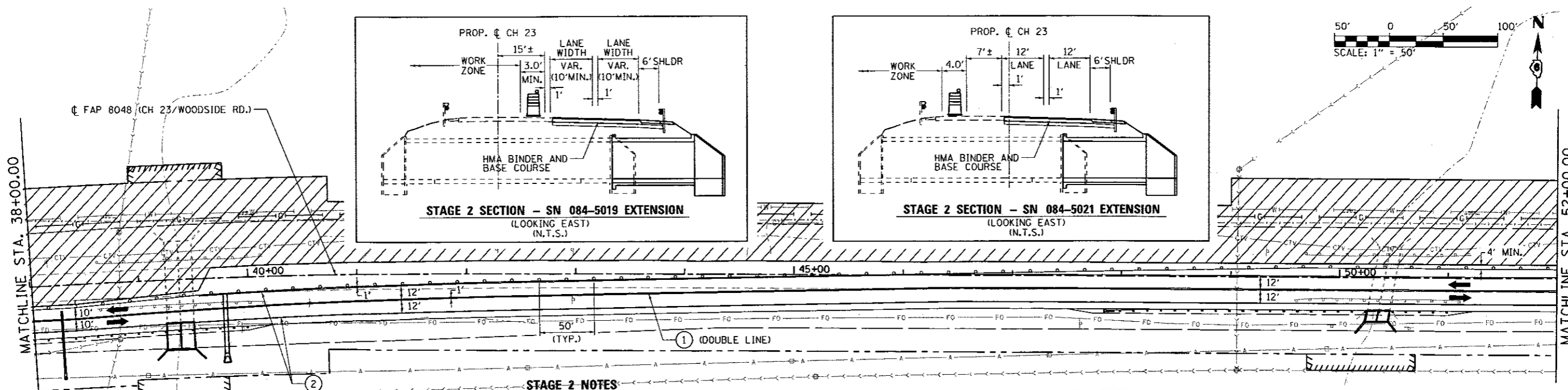
- ① 4" YELLOW (SOLID)
- ② 4" WHITE (SOLID)
- ③ 24" WHITE (SOLID)
- ④ TEMPORARY PAVEMENT MARKING LETTERS & SYMBOLS (WHITE)

LEGEND

- WORK ZONE
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- TYPE III BARRICADE W/FLASHING LIGHTS
- PORTABLE CHANGEABLE MESSAGE SIGN MESSAGE: "CAUTION: ROAD WORK AHEAD" OR AS DIRECTED BY COUNTY
- TEMPORARY CONSTRUCTION/TRAFFIC CONTRAL SIGN
- DIRECTION OF TRAFFIC FLOW

STAGE 2 TYPICAL SECTION
(LOOKING EAST)

FILE NAME = 06-Sht-MOT STAGE 2-01.dgn	USER NAME = Matt Overbey	DESIGNED - KLT	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	MAINTENANCE OF TRAFFIC - STAGE 2 FAU 8048 (CH 23 / WOODSIDE RD.)			F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 44
PLT SCALE = 1/8" = 1' / in.	CHECKED - KLT	REVISED -	REVISED -		SCALE: 1' = 50'	SHEET 1 OF 4 SHEETS	STA. 26+71.53 TO STA. 38+00	CONTRACT NO. 93686				
PLT DATE = 6/23/2017 4:07:45 PM	DATE - 06/23/2017	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							
Default												



* TRANSITION WB LANE TO 12' STA. 38+41 TO STA. 42+37

STAGE 2 NOTES

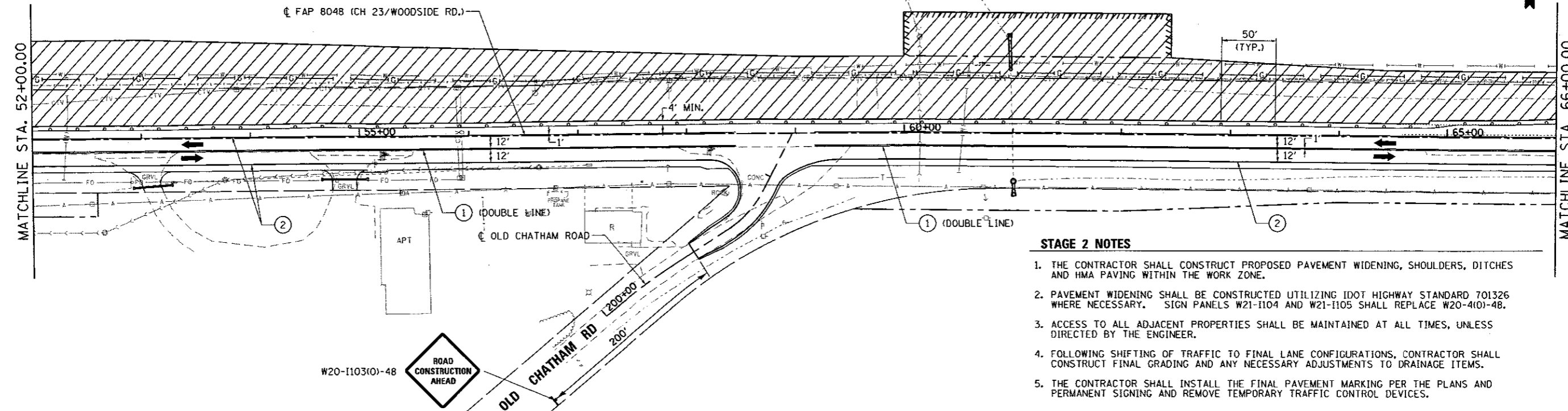
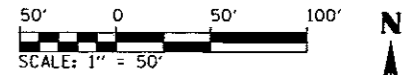
1. THE CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT WIDENING, SHOULDERS, DITCHES AND HMA PAVING WITHIN THE WORK ZONE.
2. PAVEMENT WIDENING SHALL BE CONSTRUCTED UTILIZING IDOT HIGHWAY STANDARD 701326 WHERE NECESSARY. SIGN PANELS W21-1104 AND W21-1105 SHALL REPLACE W20-410-48.
3. ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS DIRECTED BY THE ENGINEER.
4. CONSTRUCTION OF DOUBLE 12'x7.5' BOX CULVERT AND DOUBLE 9.5'x7.5' BOX CULVERT NORTH EXTENSIONS AND GUARDRAIL SHALL BE COMPLETED PRIOR TO NEW LANES OF TRAFFIC.
5. FOLLOWING SHIFTING OF TRAFFIC TO FINAL LANE CONFIGURATIONS, CONTRACTOR SHALL CONSTRUCT FINAL GRADING AND ANY NECESSARY ADJUSTMENTS TO DRAINAGE ITEMS.
6. THE CONTRACTOR SHALL INSTALL THE FINAL PAVEMENT MARKING PER THE PLANS AND PERMANENT SIGNING AND REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.

LEGEND

- WORK ZONE
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- TYPE III BARRICADE W/FLASHING LIGHTS
- TEMPORARY CONSTRUCTION/TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC FLOW
- PORTABLE CHANGEABLE MESSAGE SIGN MESSAGE: "CAUTION: ROAD WORK AHEAD" OR AS DIRECTED BY COUNTY

TEMPORARY PAVEMENT MARKINGS

- 4" YELLOW (SOLID)
- 4" WHITE (SOLID)
- 24" WHITE (SOLID)
- TEMPORARY PAVEMENT MARKING LETTERS & SYMBOLS (WHITE)



STAGE 2 NOTES

1. THE CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT WIDENING, SHOULDERS, DITCHES AND HMA PAVING WITHIN THE WORK ZONE.
2. PAVEMENT WIDENING SHALL BE CONSTRUCTED UTILIZING IDOT HIGHWAY STANDARD 701326 WHERE NECESSARY. SIGN PANELS W21-1104 AND W21-1105 SHALL REPLACE W20-410-48.
3. ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS DIRECTED BY THE ENGINEER.
4. FOLLOWING SHIFTING OF TRAFFIC TO FINAL LANE CONFIGURATIONS, CONTRACTOR SHALL CONSTRUCT FINAL GRADING AND ANY NECESSARY ADJUSTMENTS TO DRAINAGE ITEMS.
5. THE CONTRACTOR SHALL INSTALL THE FINAL PAVEMENT MARKING PER THE PLANS AND PERMANENT SIGNING AND REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.

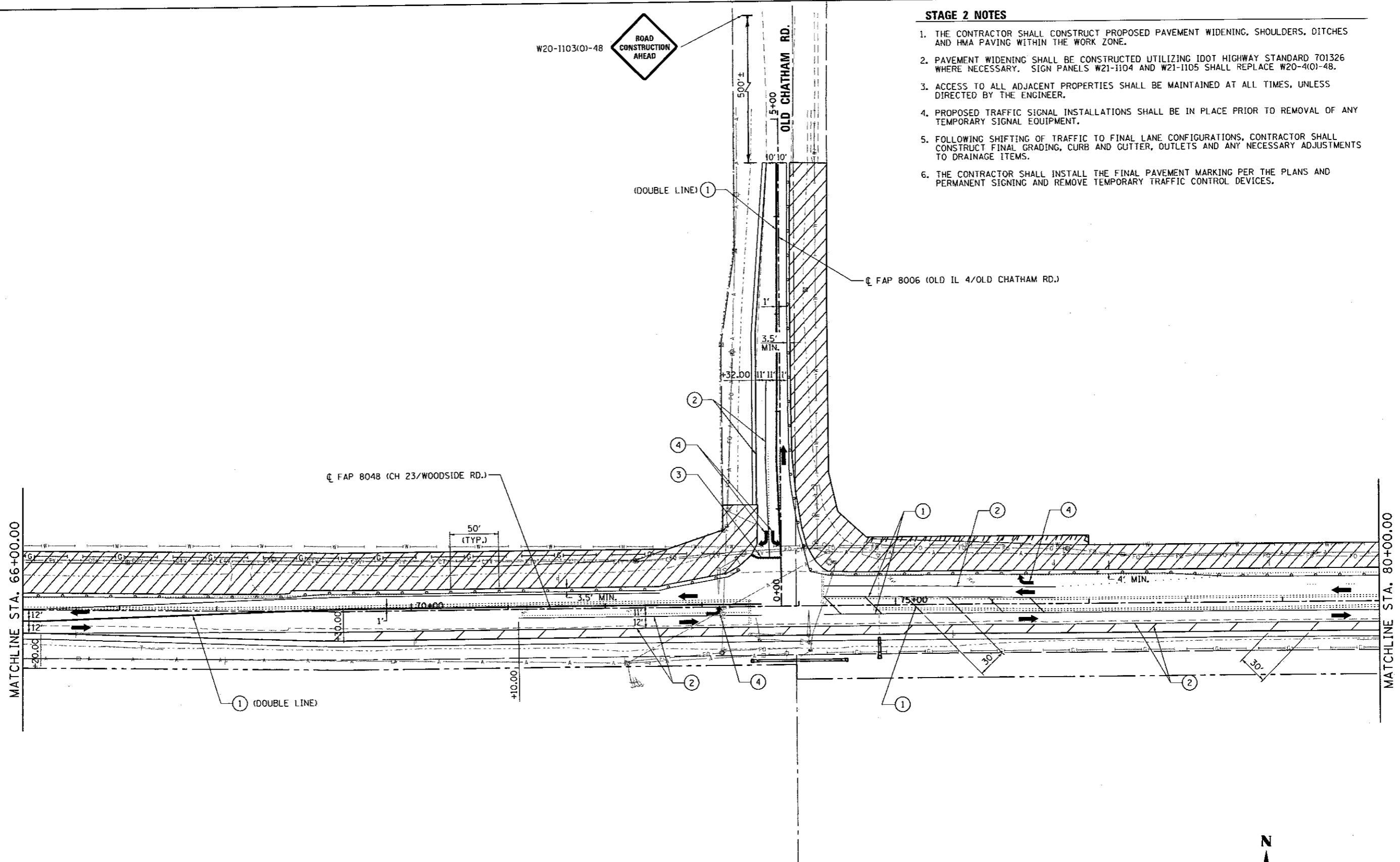
FILE NAME = 06-Shr-MOT STAGE 2-02.dgn	USER NAME = Matt Overbay	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	MAINTENANCE OF TRAFFIC - STAGE 2 FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Li\SangamonCo\1482901\Draw\CADD_Sheets	PLOT SCALE = 100.0000' / in.	DRAWN - RAR	REVISED -			8048	07-00090-03-FP	SANGAMON	141	45
Default	PLOT DATE = 6/23/2017 - 4:07:47 PM	CHECKED - KLT	REVISED -			CONTRACT NO. 93686			ILLINOIS FED. AID PROJECT	
		DATE - 06/23/2017	REVISED -			SCALE: 1" = 50'	SHEET 2 OF 4 SHEETS	STA. 38+00 TO STA. 66+00		

W20-1103(O)-48



STAGE 2 NOTES

1. THE CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT WIDENING, SHOULDERS, DITCHES AND HMA PAVING WITHIN THE WORK ZONE.
2. PAVEMENT WIDENING SHALL BE CONSTRUCTED UTILIZING IDOT HIGHWAY STANDARD 701326 WHERE NECESSARY. SIGN PANELS W21-1104 AND W21-1105 SHALL REPLACE W20-4(O)-48.
3. ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS DIRECTED BY THE ENGINEER.
4. PROPOSED TRAFFIC SIGNAL INSTALLATIONS SHALL BE IN PLACE PRIOR TO REMOVAL OF ANY TEMPORARY SIGNAL EQUIPMENT.
5. FOLLOWING SHIFTING OF TRAFFIC TO FINAL LANE CONFIGURATIONS, CONTRACTOR SHALL CONSTRUCT FINAL GRADING, CURB AND GUTTER, OUTLETS AND ANY NECESSARY ADJUSTMENTS TO DRAINAGE ITEMS.
6. THE CONTRACTOR SHALL INSTALL THE FINAL PAVEMENT MARKING PER THE PLANS AND PERMANENT SIGNING AND REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.

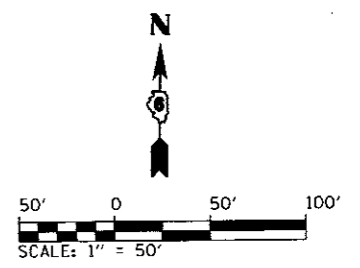


LEGEND

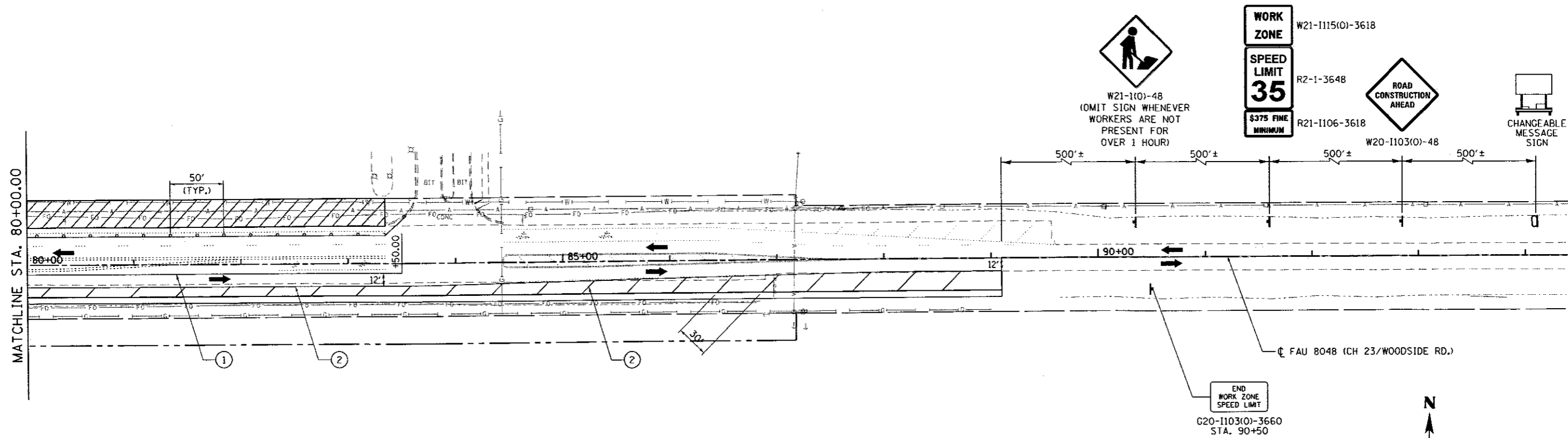
- WORK ZONE
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- TYPE III BARRICADE W/FLASHING LIGHTS
- TEMPORARY CONSTRUCTION/TRAFFIC CONTRAL SIGN
- DIRECTION OF TRAFFIC FLOW
- PORTABLE CHANGEABLE MESSAGE SIGN MESSAGE: "CAUTION: ROAD WORK AHEAD" OR AS DIRECTED BY COUNTY

TEMPORARY PAVEMENT MARKINGS

- ① 4" YELLOW (SOLID)
- ② 4" WHITE (SOLID)
- ③ 24" WHITE (SOLID)
- ④ TEMPORARY PAVEMENT MARKING LETTERS & SYMBOLS (WHITE)



FILE NAME = 06-Sht-MOT STAGE 2-03.dgn	USER NAME = Matt Overbey	DESIGNED - KLT	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	MAINTENANCE OF TRAFFIC - STAGE 2 FAU 8048 (CH 23 / WOODSIDE RD.)			F.A.U. RTE. 8048	SECTION 07-00090-03-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 46
L:\SangamonCo\1402901\Draw\CADD_Sheets\		DRAWN - KLT	REVISED -		SCALE: 1" = 50'	SHEET 3 OF 4 SHEETS	STA. 66+00 TO STA. 80+00	CONTRACT NO. 93686				
Default		CHECKED - KLT	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 06/23/2017	REVISED -									



STAGE 2 NOTES

1. THE CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT WIDENING, SHOULDERS, DITCHES AND HMA PAVING WITHIN THE WORK ZONE.
2. PAVEMENT WIDENING SHALL BE CONSTRUCTED UTILIZING IDOT HIGHWAY STANDARD 701326 WHERE NECESSARY. SIGN PANELS W21-1104 AND W21-1105 SHALL REPLACE W20-4(0)-48.
3. ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS DIRECTED BY THE ENGINEER.
4. FOLLOWING SHIFTING OF TRAFFIC TO FINAL LANE CONFIGURATIONS, CONTRACTOR SHALL CONSTRUCT FINAL GRADING, CURB AND GUTTER, OUTLETS AND ANY NECESSARY ADJUSTMENTS TO DRAINAGE ITEMS.
5. THE CONTRACTOR SHALL INSTALL THE FINAL PAVEMENT MARKING PER THE PLANS AND PERMANENT SIGNING AND REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.

LEGEND

	WORK ZONE		TEMPORARY CONSTRUCTION/TRAFFIC CONTRAL SIGN
	TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT		DIRECTION OF TRAFFIC FLOW
	TYPE III BARRICADE W/FLASHING LIGHTS		PORTABLE CHANGEABLE MESSAGE SIGN MESSAGE: "CAUTION: ROAD WORK AHEAD" OR AS DIRECTED BY COUNTY

TEMPORARY PAVEMENT MARKINGS

- ① 4" YELLOW (SOLID)
- ② 4" WHITE (SOLID)
- ③ 24" WHITE (SOLID)
- ④ TEMPORARY PAVEMENT MARKING LETTERS & SYMBOLS (WHITE)

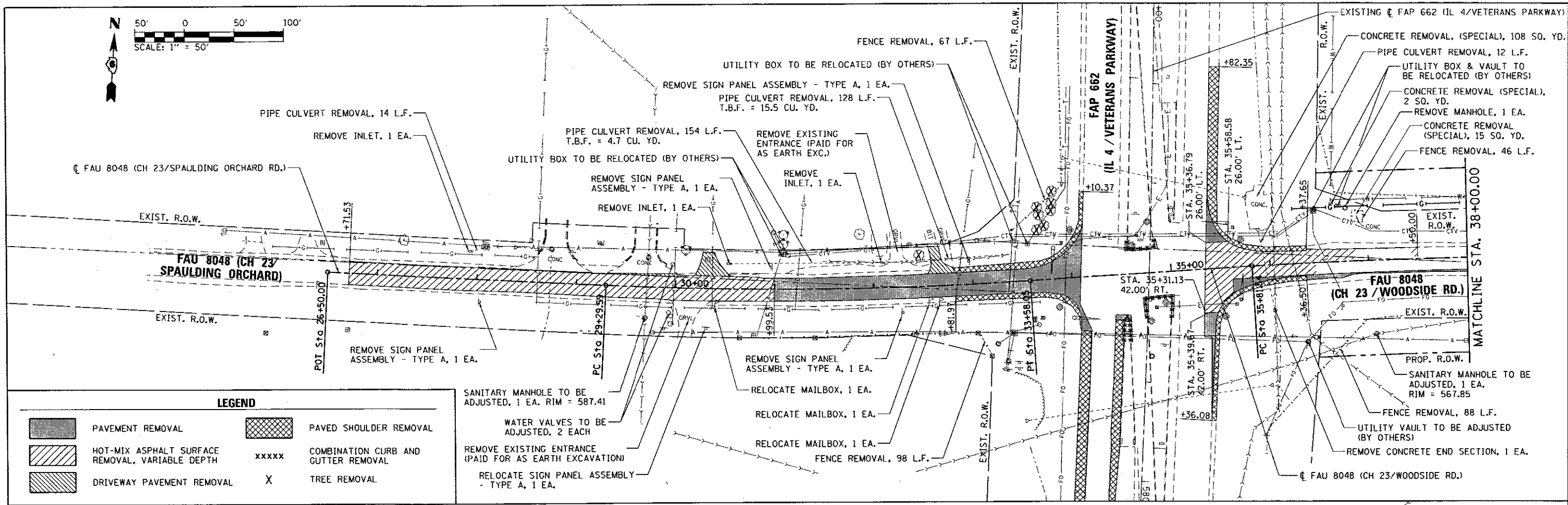
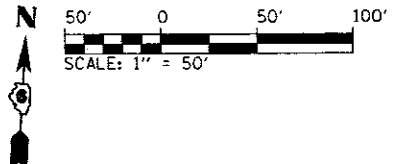
FILE NAME = D6-Sht-MOT STAGE 2-04.dgn	USER NAME = Matt Overbay	DESIGNED - MJD	REVISED -
L:\SangamonCo\1482981\Draw\CADD_Sheets		DRAWN - RAH	REVISED -
		CHECKED - KLT	REVISED -
		DATE - 06/23/2017	REVISED -

**SANGAMON COUNTY
HIGHWAY DEPARTMENT**

**MAINTENANCE OF TRAFFIC - STAGE 2
FAU 8048 (CH 23 / WOODSIDE RD.)**

SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. 80+00 TO STA. 94+00

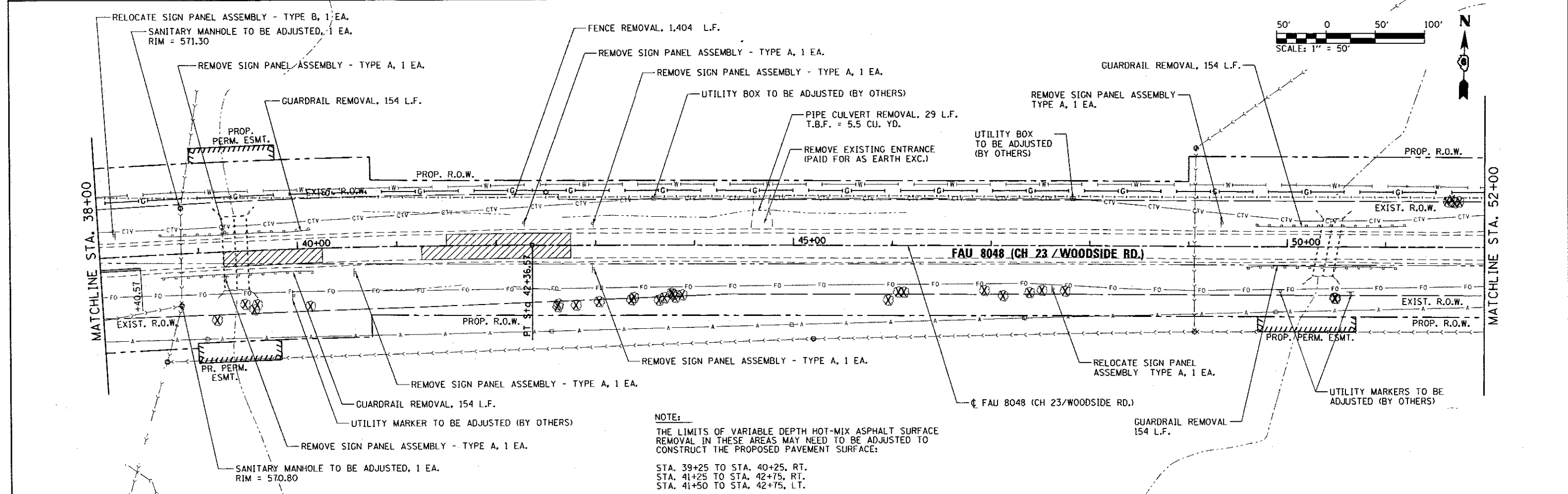
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	47
			CONTRACT NO. 93686	
ILLINOIS FED. AID PROJECT				



LEGEND

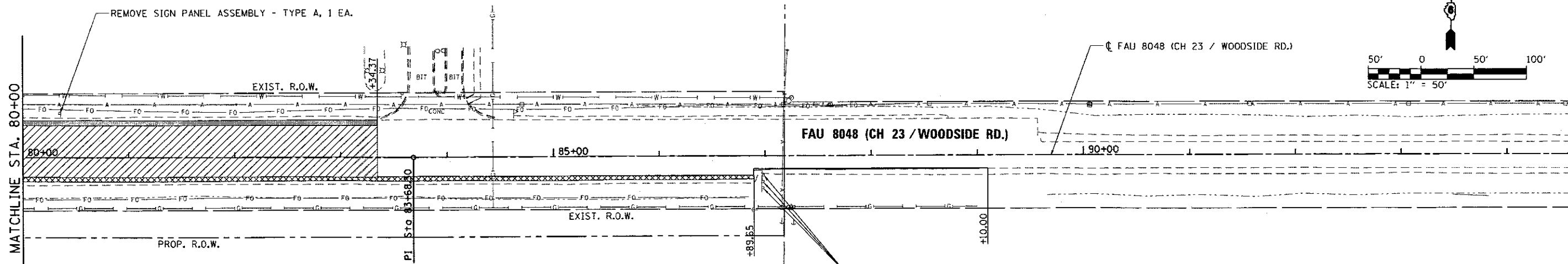
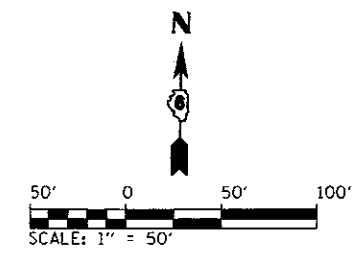
	PAVEMENT REMOVAL		PAVED SHOULDER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH		COMBINATION CURB AND GUTTER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		TREE REMOVAL

SANITARY MANHOLE TO BE ADJUSTED, 1 EA. RIM = 587.41
 WATER VALVES TO BE ADJUSTED, 2 EACH
 REMOVE EXISTING ENTRANCE (PAID FOR AS EARTH EXCAVATION)
 RELOCATE SIGN PANEL ASSEMBLY - TYPE A, 1 EA.



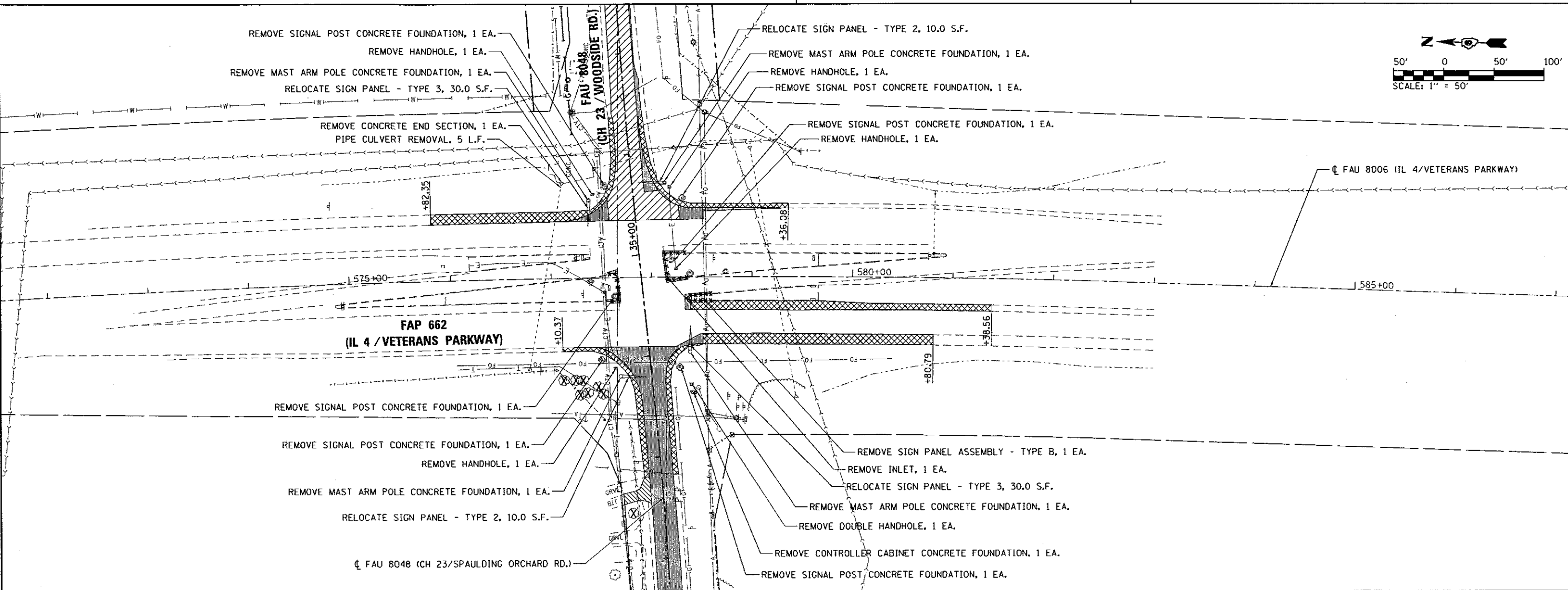
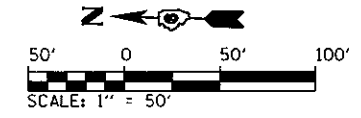
NOTE:
 THE LIMITS OF VARIABLE DEPTH HOT-MIX ASPHALT SURFACE REMOVAL IN THESE AREAS MAY NEED TO BE ADJUSTED TO CONSTRUCT THE PROPOSED PAVEMENT SURFACE:
 STA. 39+25 TO STA. 40+25, RT.
 STA. 41+25 TO STA. 42+75, RT.
 STA. 41+50 TO STA. 42+75, LT.

FILE NAME = D6-Sht-REM-01.dgn	USER NAME = Matt Dvorbey	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	REMOVAL PLAN FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\SangamonCo\1482901\Draw\CADD_Sheets	PLLOT SCALE = 100.0000 / in.	DRAWN - RAH	REVISED -			8048	07-00090-09-FP	SANGAMON	141	48	
Default	PLLOT DATE = 6/23/2017 - 4:07:50 PM	CHECKED - KLT	REVISED -			SCALE: 1" = 50' SHEET 1 OF 4 SHEETS STA. 26+50 TO STA. 52+00		CONTRACT NO. 93686			
		DATE - 06/23/2017	REVISED -			ILLINOIS FED. AID PROJECT					

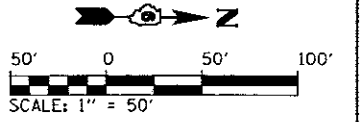


LEGEND

	PAVEMENT REMOVAL		PAVED SHOULDER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	xxxxx	COMBINATION CURB AND GUTTER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL	X	TREE REMOVAL



FILE NAME = 06-Sht-REM-03.dgn	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	REMOVAL PLAN FAU 8048 (CH 23 / WOODSIDE RD.)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\SangamonCo\1402901\Draw\CADD_Sheets		DRAWN - RAH	REVISED -		8048	07-00090-09-FP	SANGAMON	141	50			
	PLOT SCALE = 100.0000 1/ in.	CHECKED - KLT	REVISED -		SCALE: 1' = 50'			SHEET 3 OF 4 SHEETS		CONTRACT NO. 93686		
Default	PLOT DATE = 6/23/2017 - 4:07:52 PM	DATE - 06/23/2017	REVISED -		STA. N.A. TO STA. N.A.			ILLINOIS FED. AID PROJECT				



FAU 8048 (CH 23/WOODSIDE RD.)

FAU 8048 (CH 23 / WOODSIDE RD.)

- RELOCATE SIGN PANEL - TYPE 2, 10.0 S.F.
- REMOVE MAST ARM POLE FOUNDATION, 1 EA.
- REMOVE HANDHOLE, 1 EA.
- REMOVE SIGNAL POST CONCRETE FOUNDATION, 1 EA.

EXIST. R.O.W.

FAU 8006 (OLD IL 4 / OLD CHATHAM RD.)

5+00

0+00

EXIST. R.O.W.

FAU 8006 (OLD IL 4/OLD CHATHAM RD.)

- REMOVE SIGNAL POST CONCRETE FOUNDATION, 1 EA.
- REMOVE HANDHOLE, 1 EA.

PROP. R.O.W.

EXIST. R.O.W.

00+51

PR TEMP ESMT

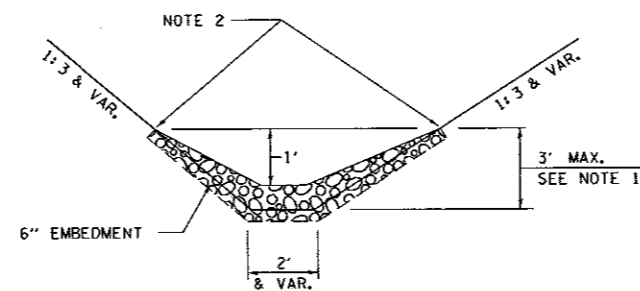
LEGEND

- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- DRIVEWAY PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- xxxxx COMBINATION CURB AND GUTTER REMOVAL
- X TREE REMOVAL

FILE NAME = D6-Sht-REM-04.dgn	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	REMOVAL PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
L:\SangamonCo\1482901\Drawings\CADD_Sheets\					DRAWN - RAN	REVISED -	FAU 8048 (CH 23 / WOODSIDE RD.)			8048	07-00090-09-FP	SANGAMON	141	51
PLOT SCALE = 100.0000' / in.					CHECKED - KLT	REVISED -	SCALE: 1' = 50' SHEET 4 OF 4 SHEETS STA. 0+00 TO STA. 5+09.57			CONTRACT NO. 93686				
PLOT DATE = 6/23/2017 - 4:07:52 PM					DATE - 06/23/2017	REVISED -	ILLINOIS FED. AID PROJECT							

LEGEND FOR EROSION CONTROL PLAN

ITEM	SYMBOL
TEMPORARY DITCH CHECKS (AGGREGATE OR APPROVED SUBSTITUTION - HEIGHT = 2' OR AS DIRECTED BY ENGINEER)	
INLET PIPE PROTECTION (I&PP) (AGGREGATE DITCH CHECKS OR APPROVED SUBSTITUTION)	
PERIMETER EROSION BARRIER	
STONE RIPRAP, CLASS B4 (SPECIAL) WITH FILTER FABRIC	
STONE RIPRAP, CLASS B3 (SPECIAL) WITH FILTER FABRIC	
EROSION CONTROL BLANKET	



STONE DUMPED RIPRAP DITCH CHECK
(TYPICAL)

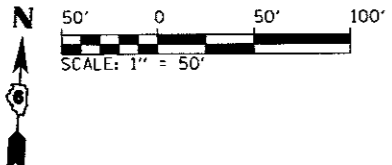
NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1' OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

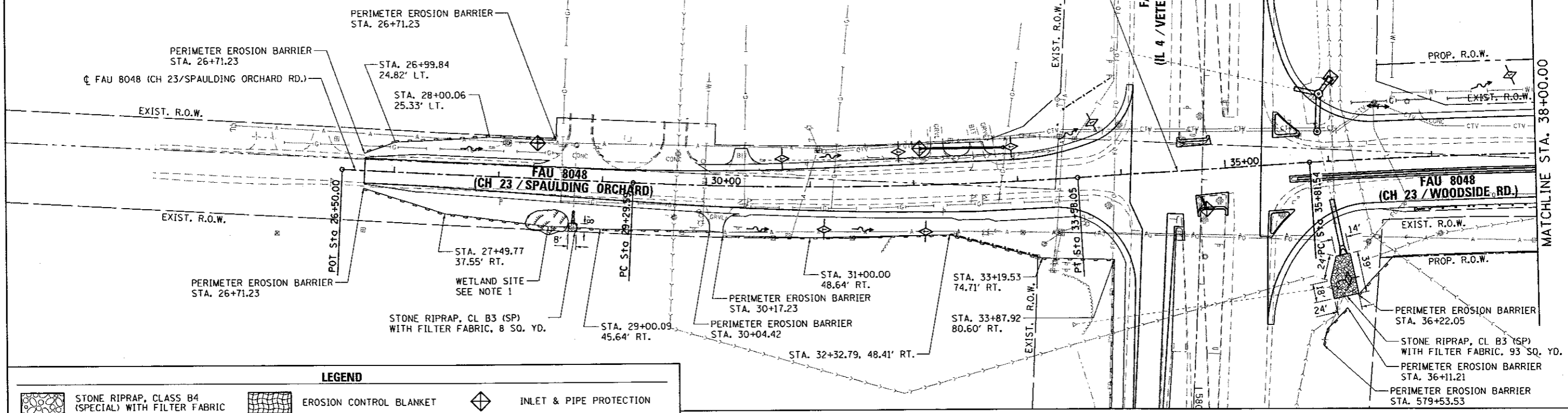
GENERAL NOTES:

- ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON THIS SHEET, ON STANDARD 280001, AND AS DIRECTED BY THE ENGINEER.
- TWO OR MORE SYSTEMS MAY BE SPECIFIED TO BE PLACED TOGETHER (I.E. PERIMETER BARRIER AND EROSION CONTROL FENCE) FOR ENHANCED PERFORMANCE.
- TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SLOPES DURING TIME PERIODS, WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SLOPES AT TIME OF THEIR COMPLETION.

FILE NAME = D6-Sht-EROS-Details.dgn	USER NAME = Matt Overbay	DESIGNED - MJD	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	EROSION CONTROL DETAILS FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Li:\SangamonCo\1482901\Draw\CADD_Sheets\		DRAWN - RAH	REVISED -			8048	07-00090-09-FP	SANGAMON	141	52
Default	PLOT SCALE = 100.0000' / 1" =	CHECKED - KLT	REVISED -			CONTRACT NO. 93686			(ILLINOIS) FED. AID PROJECT	
	PLOT DATE = 6/23/2017 - 4:07:53 PM	DATE - 06/23/2017	REVISED -			SCALE: N/A	SHEET 1 OF 4 SHEETS	STA. N/A	TO STA. N/A	

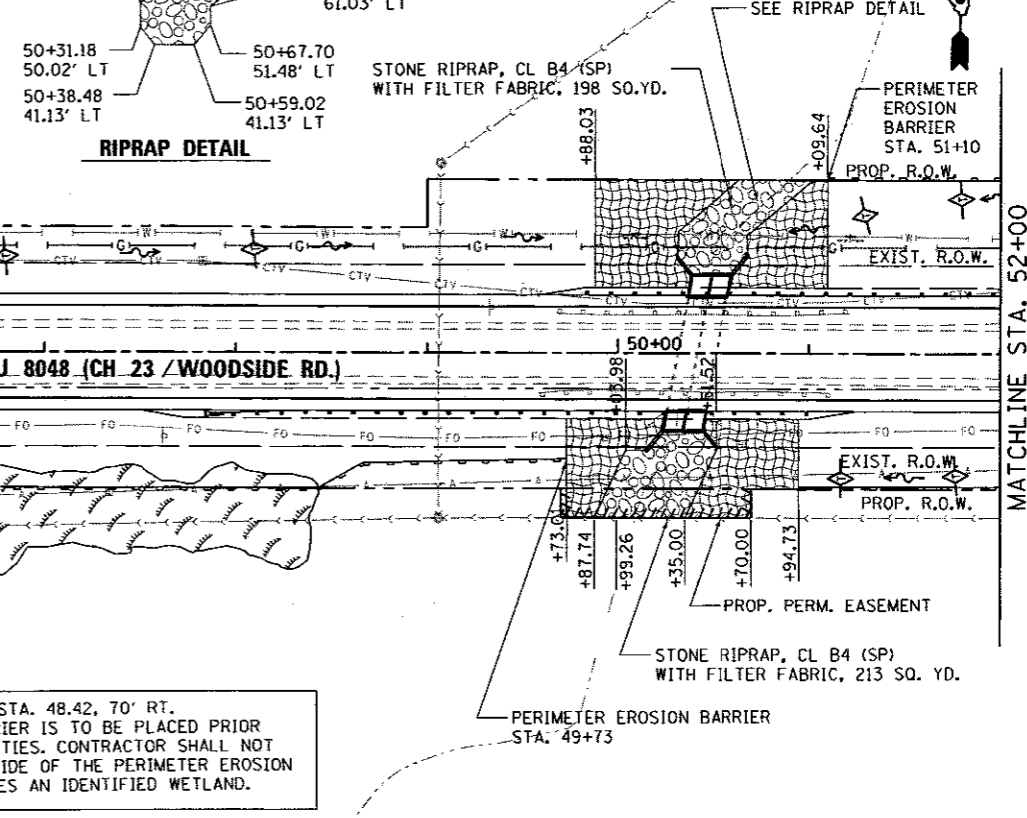


NOTE 1 STA. 28+28, 43.68' RT. TO STA. 28+68, 44.78' RT. PERIMETER EROSION BARRIER IS TO BE PLACED PRIOR TO CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PERIMETER EROSION BARRIER AS IT DELINEATES AN IDENTIFIED WETLAND.



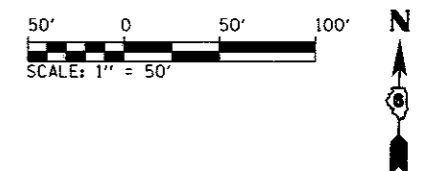
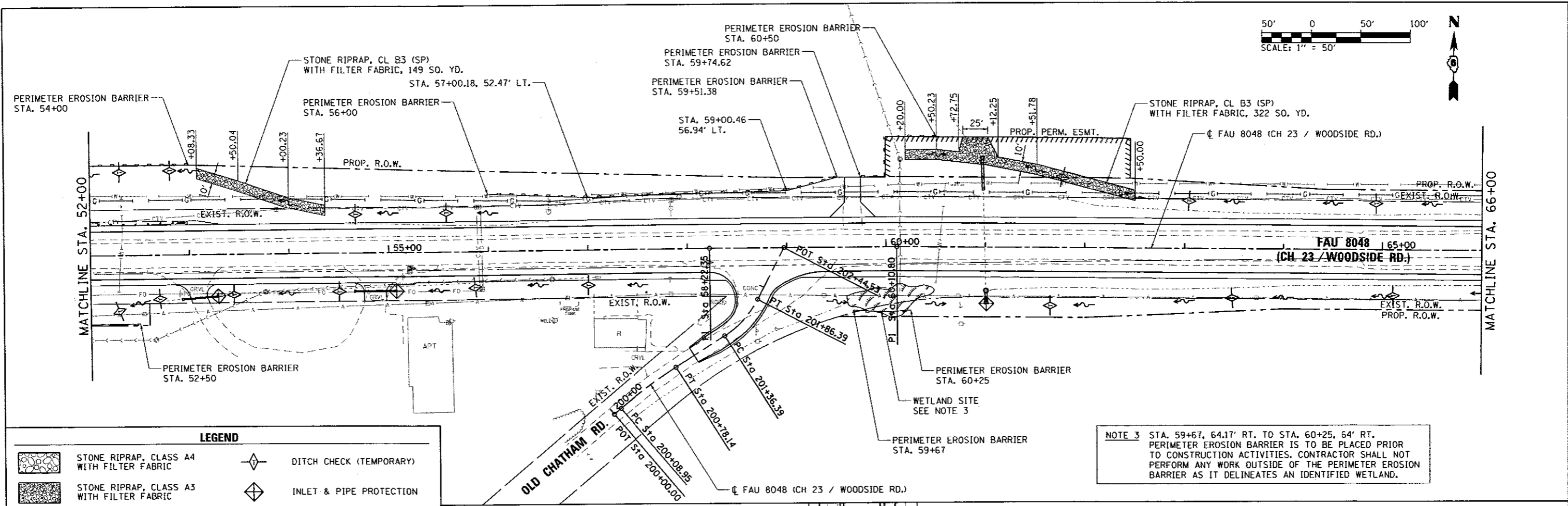
LEGEND

	STONE RIPRAP, CLASS B4 (SPECIAL) WITH FILTER FABRIC		EROSION CONTROL BLANKET		INLET & PIPE PROTECTION
	STONE RIPRAP, CLASS B3 (SPECIAL) WITH FILTER FABRIC		DITCH CHECK (TEMPORARY)		PERIMETER EROSION BARRIER



NOTE 2 STA. 44+87, 70' RT. TO STA. 48.42, 70' RT. PERIMETER EROSION BARRIER IS TO BE PLACED PRIOR TO CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PERIMETER EROSION BARRIER AS IT DELINEATES AN IDENTIFIED WETLAND.

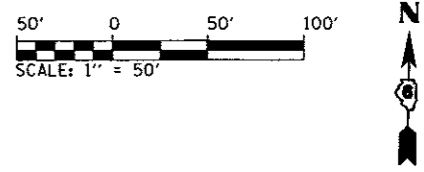
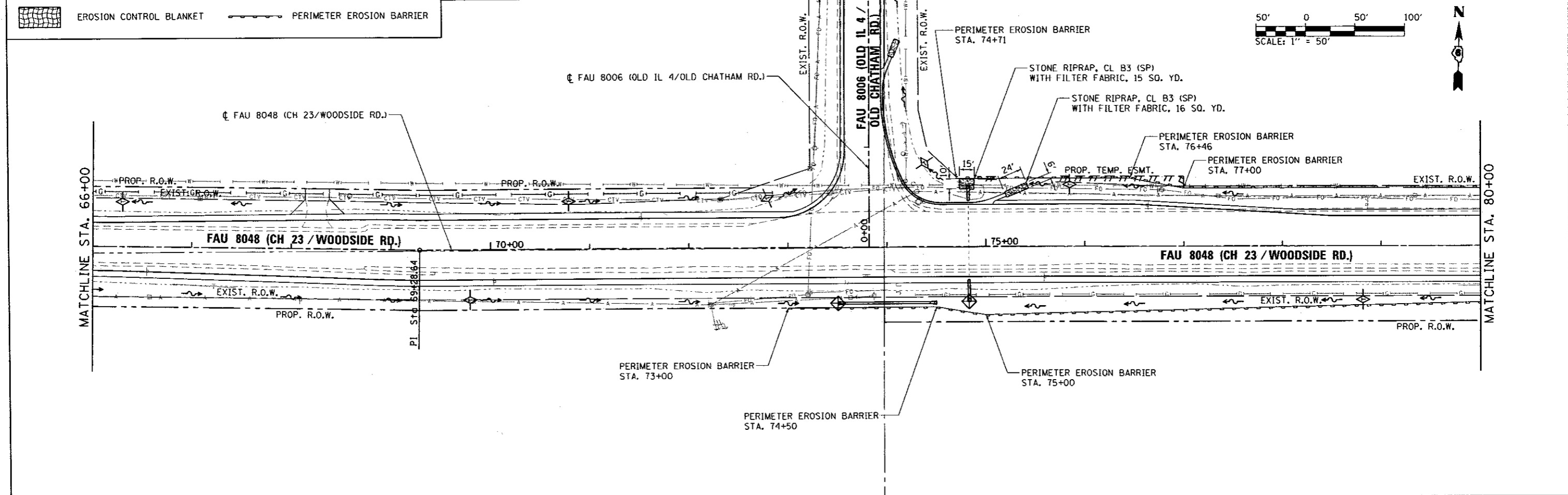
FILE NAME : 06-Shr-EROS-01.dgn	USER NAME : Matt Overby	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	EROSION CONTROL PLAN FAU 8048 (CH 23 / WOODSIDE RD.)		F.A.J. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 53	
L:\SangamonCo\1482981\Draw\CA00_Sheets	PLLOT SCALE = 100.0000' / in.	DRAWN - RAH	REVISED -		SCALE: 1" = 50'	SHEET 2 OF 4 SHEETS	STA. 26+50 TO STA. 52+00	CONTRACT NO. 93686		ILLINOIS FED. AID PROJECT		
Default	PLOT DATE = 6/23/2017 - 4:07:54 PM	CHECKED - KLT	REVISED -									
		DATE - 06/23/2017	REVISED -									



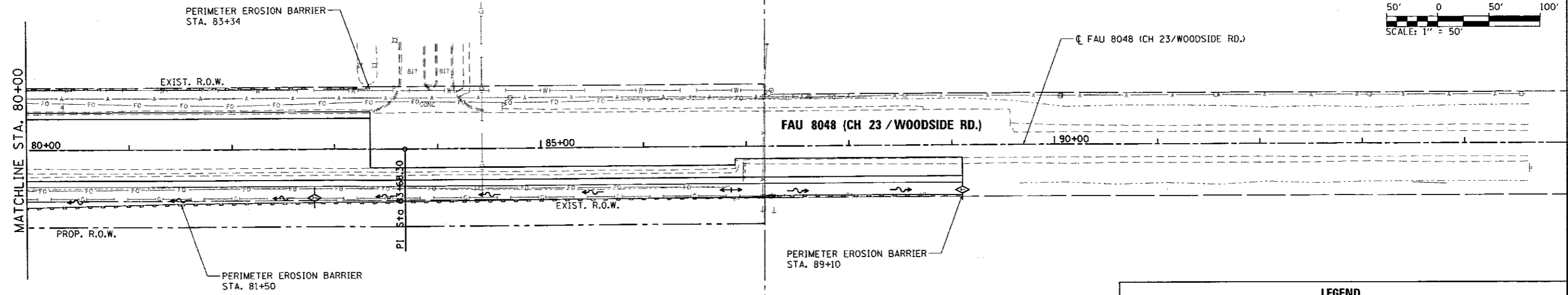
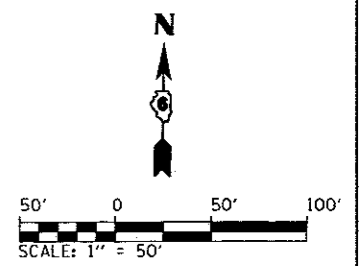
LEGEND

	STONE RIPRAP, CLASS A4 WITH FILTER FABRIC		DITCH CHECK (TEMPORARY)
	STONE RIPRAP, CLASS A3 WITH FILTER FABRIC		INLET & PIPE PROTECTION
	EROSION CONTROL BLANKET		PERIMETER EROSION BARRIER

NOTE 3 STA. 59+67, 64.17' RT. TO STA. 60+25, 64' RT. PERIMETER EROSION BARRIER IS TO BE PLACED PRIOR TO CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PERIMETER EROSION BARRIER AS IT DELINEATES AN IDENTIFIED WETLAND.

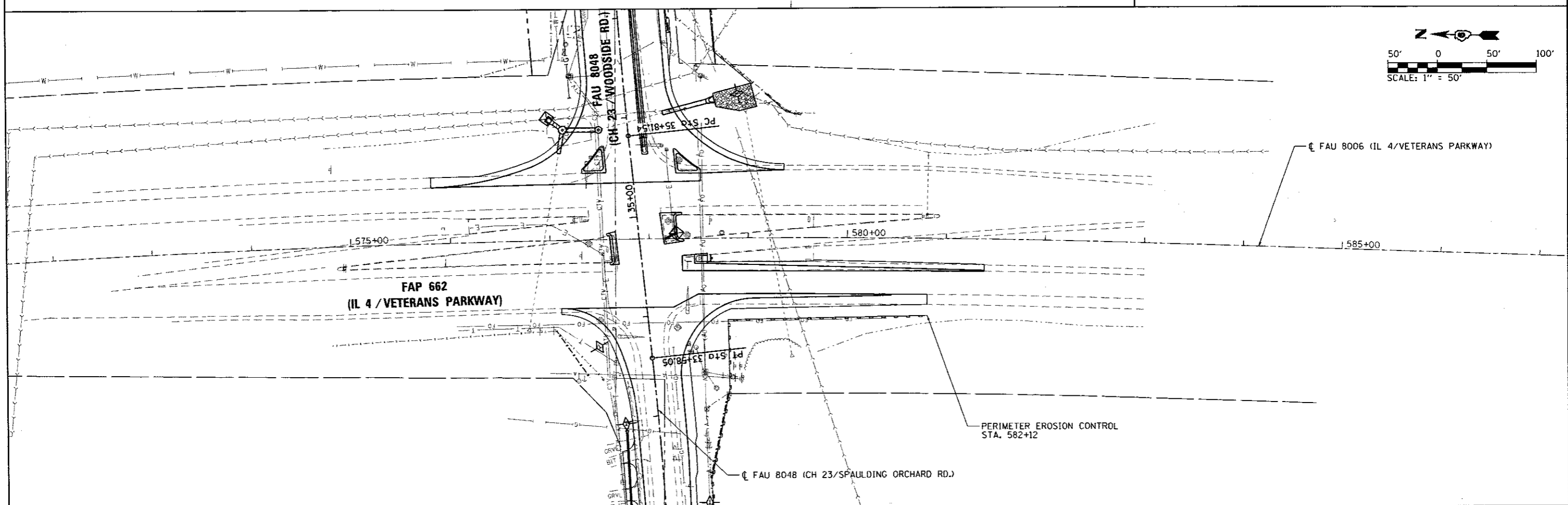
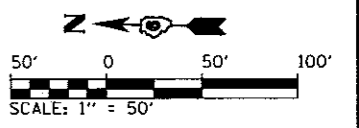


FILE NAME = D6-Sht-EROS-02.dgn	USER NAME = Matt Overbay	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	EROSION CONTROL PLAN FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 54
PLT SCALE = 100.0000' / in.	CHECKED - KLT	DATE - 06/23/2017	REVISED -			SCALE: 1" = 50'	SHEET 3 OF 4 SHEETS	STA. 52+00 TO STA. 80+00	CONTRACT NO. 93686	
PLOT DATE = 6/23/2017 - 4:08:03 PM	DATE - 06/23/2017	REVISED -	REVISED -			[ILLINOIS] FED. AID PROJECT				
Default										

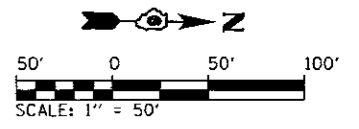


LEGEND

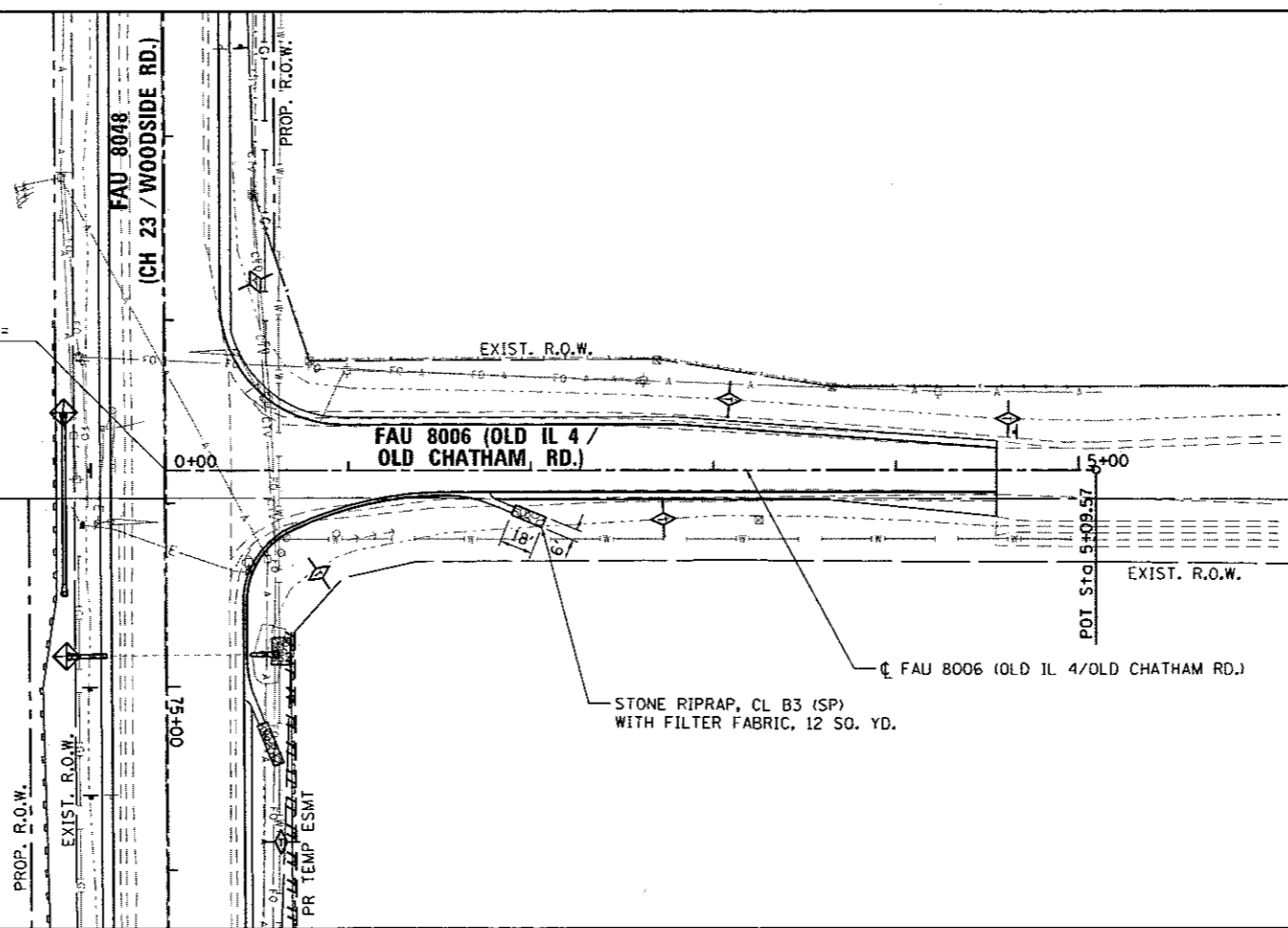
	STONE RIPRAP, CLASS A4 WITH FILTER FABRIC		DITCH CHECK (TEMPORARY)
	STONE RIPRAP, CLASS A3 WITH FILTER FABRIC		INLET & PIPE PROTECTION
	EROSION CONTROL BLANKET		PERIMETER EROSION BARRIER



FILE NAME = 06-Sht-EROS-03.dgn	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	EROSION CONTROL PLAN FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 55	
PLOT SCALE = 100.0000' / in.					SCALE: 1' = 50'	SHEET 3 OF 5 SHEETS	STA. N.A. TO STA. N.A.		CONTRACT NO. 93686		
PLOT DATE = 6/23/2017 - 4:00:04 PM					DATE - 06/23/2017	ILLINOIS FED. AID PROJECT					
DRAWN - RAH					REVISED -						
CHECKED - KLT				REVISED -							
DATE - 06/23/2017				REVISED -							



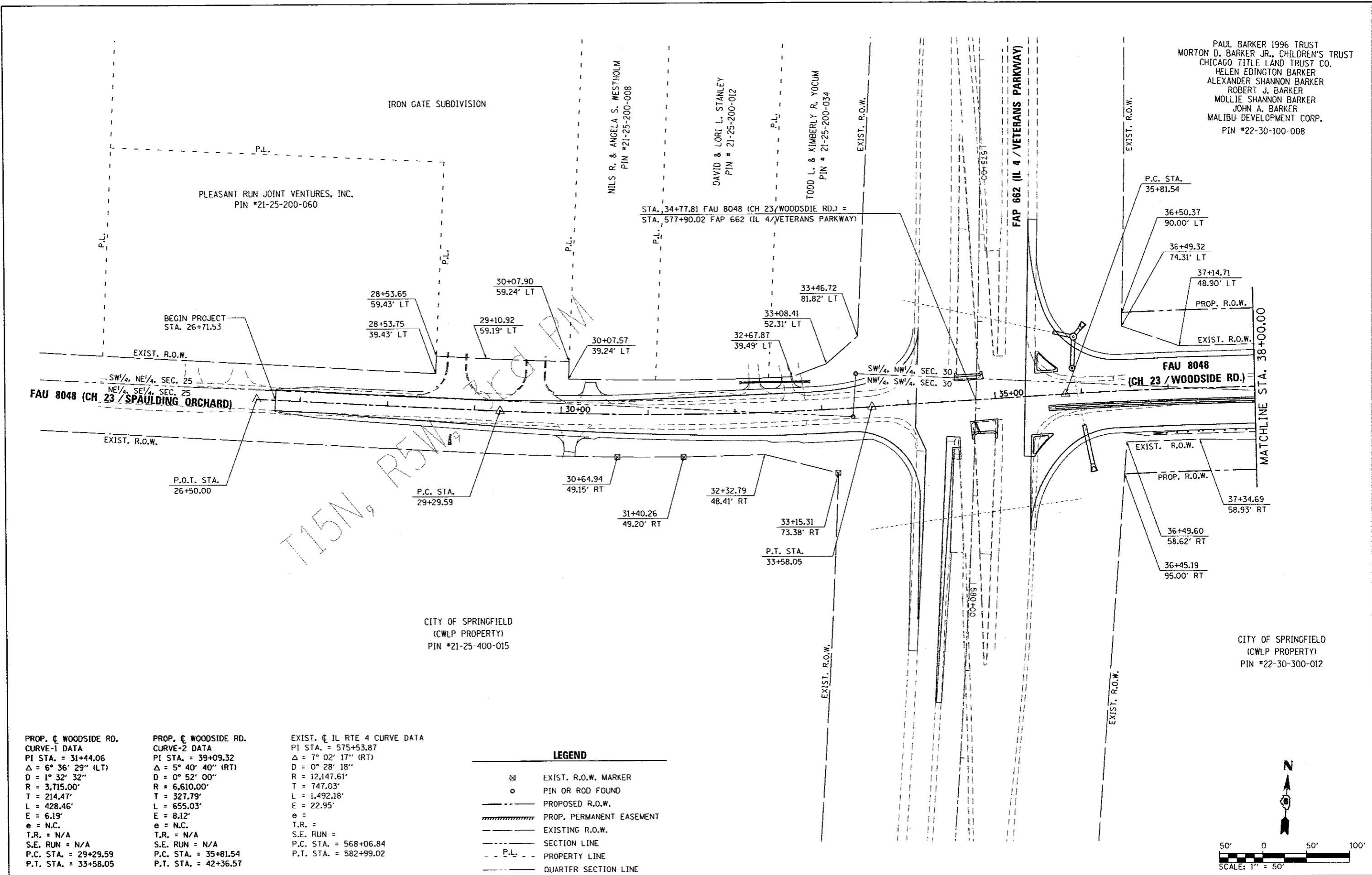
STA. 0+00.00 FAU 8006 (OLD IL 4/OLD CHATHAM RD.) =
 STA. 74+81.93 FAU 8048 (CH 23/WOODSIDE RD.)



LEGEND			
	STONE RIPRAP, CLASS A4 WITH FILTER FABRIC		DITCH CHECK (TEMPORARY)
	STONE RIPRAP, CLASS A3 WITH FILTER FABRIC		INLET & PIPE PROTECTION
	EROSION CONTROL BLANKET		PERIMETER EROSION BARRIER

FILE NAME = D6-Sht-EROS-04.dgn L:\SangamonCo\1482981\Draw\CADD_Sheets	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	EROSION CONTROL PLAN FAU 8048 (CH 23 / WOODSIDE RD.)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN - RAN	REVISED -					8048	07-00090-09-FP	SANGAMON	141	56
	PLOT DATE = 6/23/2017 - 4:08:05 PM	CHECKED - KLT	REVISED -					CONTRACT NO. 93686				
	DATE - 06/23/2017	REVISED -	ILLINOIS FED. AID PROJECT									
Default					SCALE: 1' = 50'	SHEET 4 OF 5 SHEETS	STA. 0+00 TO STA. 5+09.57					

PAUL BARKER 1996 TRUST
MORTON D. BARKER JR., CHILDREN'S TRUST
CHICAGO TITLE LAND TRUST CO.
HELEN EDINGTON BARKER
ALEXANDER SHANNON BARKER
ROBERT J. BARKER
MOLLIE SHANNON BARKER
JOHN A. BARKER
MALIBU DEVELOPMENT CORP.
PIN #22-30-100-008



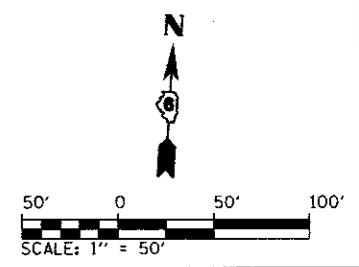
PROP. C WOODSIDE RD.
CURVE-1 DATA
PI STA. = 31+44.06
 $\Delta = 6^\circ 36' 29''$ (LT)
D = 1° 32' 32"
R = 3,715.00'
T = 214.47'
L = 428.46'
E = 6.19'
e = N.C.
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 29+29.59
P.T. STA. = 33+58.05

PROP. C WOODSIDE RD.
CURVE-2 DATA
PI STA. = 39+09.32
 $\Delta = 5^\circ 40' 40''$ (RT)
D = 0° 52' 00"
R = 6,610.00'
T = 327.79'
L = 655.03'
E = 8.12'
e = N.C.
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 35+81.54
P.T. STA. = 42+36.57

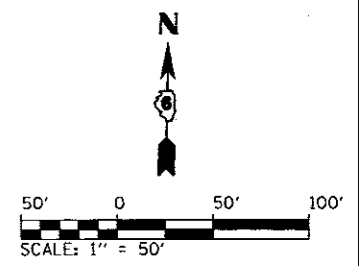
EXIST. C IL RTE 4 CURVE DATA
PI STA. = 575+53.87
 $\Delta = 7^\circ 02' 17''$ (RT)
D = 0° 28' 18"
R = 12,147.61'
T = 747.03'
L = 1,492.18'
E = 22.95'
e =
T.R. =
S.E. RUN =
P.C. STA. = 568+06.84
P.T. STA. = 582+99.02

LEGEND

	EXIST. R.O.W. MARKER
	PIN OR ROD FOUND
	PROPOSED R.O.W.
	PROP. PERMANENT EASEMENT
	EXISTING R.O.W.
	SECTION LINE
	PROPERTY LINE
	QUARTER SECTION LINE

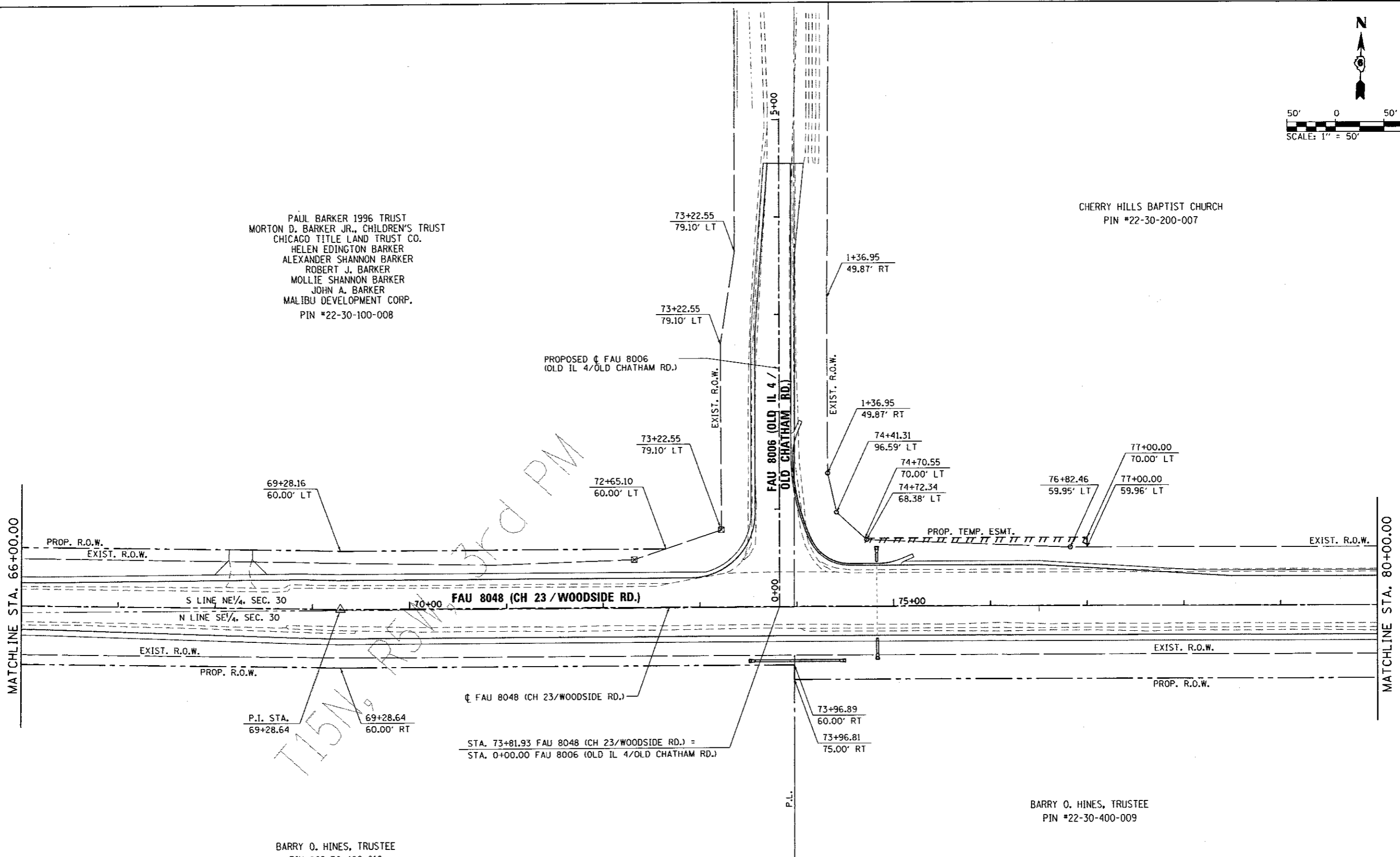


FILE NAME = D6-Shr-ROW Sht 1.dgn L:\SangamonCo\1482981\Draw\CADD_Sheets\	USER NAME = Matt Overbey	DESIGNED - MJD	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	RIGHT-OF-WAY PLAN FAU 8048 (CH 23 / WOODSIDE RD.) SANGAMON COUNTY	F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 57
PLOT SCALE = 1/8" = 1' / in.	CHECKED - KLT	REVISED -	SCALE: 1" = 50'			SHEET 1 OF 4 SHEETS	CONTRACT NO. 93686			
PLOT DATE = 6/23/2017 - 4:08:06 PM	DATE - 06/23/2017	REVISED -	STA. 26+71.53 TO STA. 38+00			[ILLINOIS] FED. AID PROJECT				
Default										



PAUL BARKER 1996 TRUST
 MORTON D. BARKER JR., CHILDREN'S TRUST
 CHICAGO TITLE LAND TRUST CO.
 HELEN EDINGTON BARKER
 ALEXANDER SHANNON BARKER
 ROBERT J. BARKER
 MOLLIE SHANNON BARKER
 JOHN A. BARKER
 MALIBU DEVELOPMENT CORP.
 PIN #22-30-100-008

CHERRY HILLS BAPTIST CHURCH
 PIN #22-30-200-007



T15N R15W 3rd PM

BARRY O. HINES, TRUSTEE
 PIN #22-30-400-010

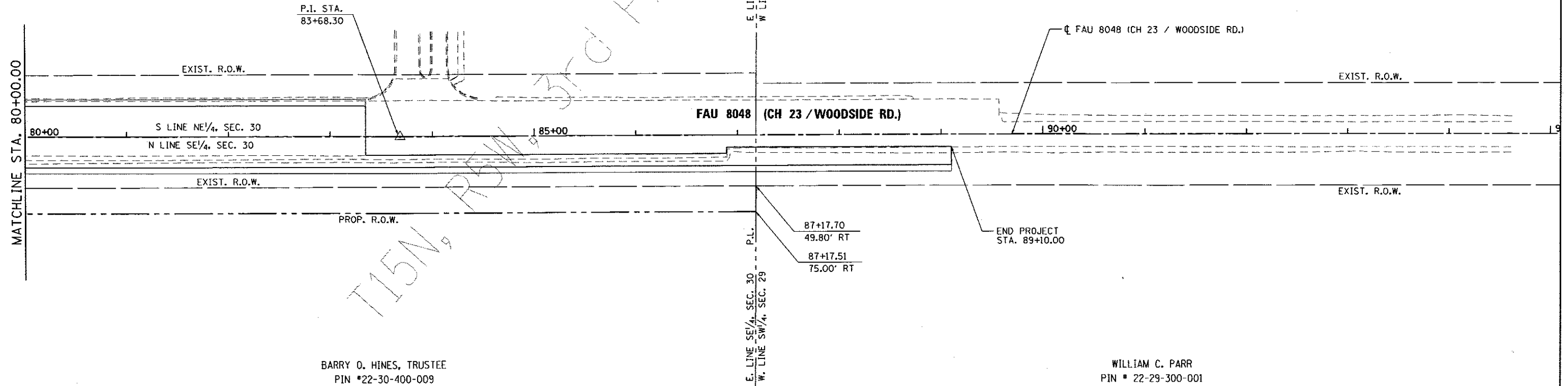
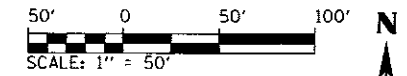
BARRY O. HINES, TRUSTEE
 PIN #22-30-400-009

LEGEND				
⊠	EXIST. R.O.W. MARKER	-----	PROPOSED R.O.W.	
○	PIN OR ROD FOUND		PROP. PERMANENT EASEMENT	
		-----	EXISTING R.O.W.	
		-----	SECTION LINE	
		- - - - -	P.L. - - - - - PROPERTY LINE	
		-----	QUARTER SECTION LINE	

FILE NAME = 06-Sht-ROW Sht 3.dgn	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	RIGHT-OF-WAY PLAN FAU 8048 (CH 23 / WOODSIDE RD.) SANGAMON COUNTY	F.A.U. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\SangamonCo\1482981\Draw\CADD\Sheets		DRAWN - RAH	REVISED -			8048	07-00090-09-FP	SANGAMON	141	59	
Default		CHECKED - KLT	REVISED -			SCALE: 1" = 50'	SHEET 3 OF 4 SHEETS	STA. 66+00 TO STA. 80+00	CONTRACT NO. 93686		
		DATE - 06/23/2017	REVISED -			ILLINOIS FED. AID PROJECT					

CHERRY HILLS BAPTIST CHURCH
PIN #22-30-200-007

CARL F. OSTERMEIER, ETAL
PIN #22-29-100-001

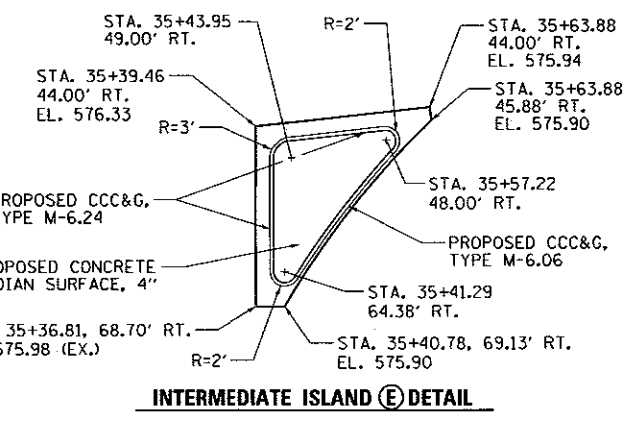
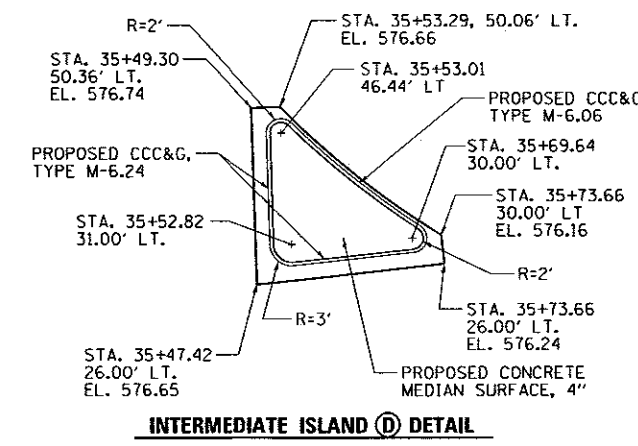
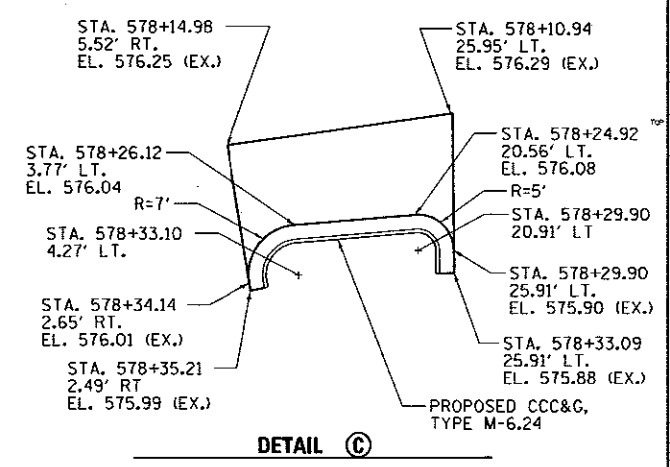
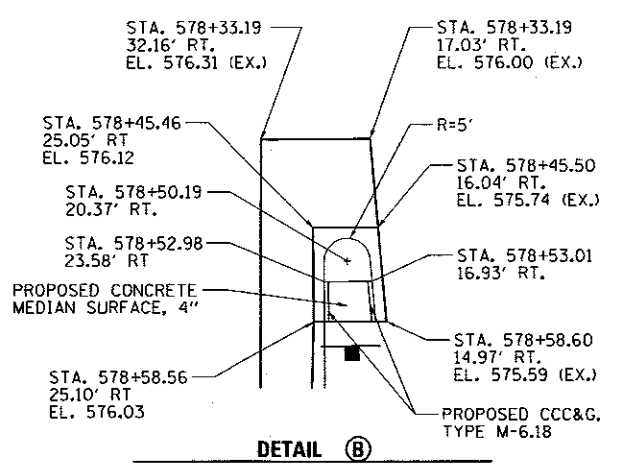
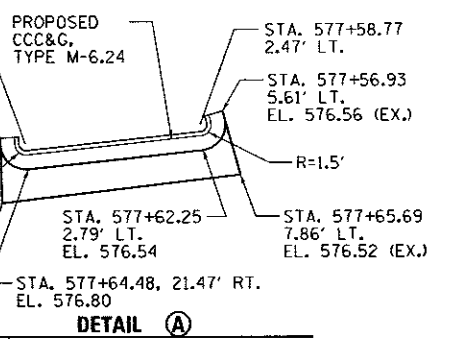
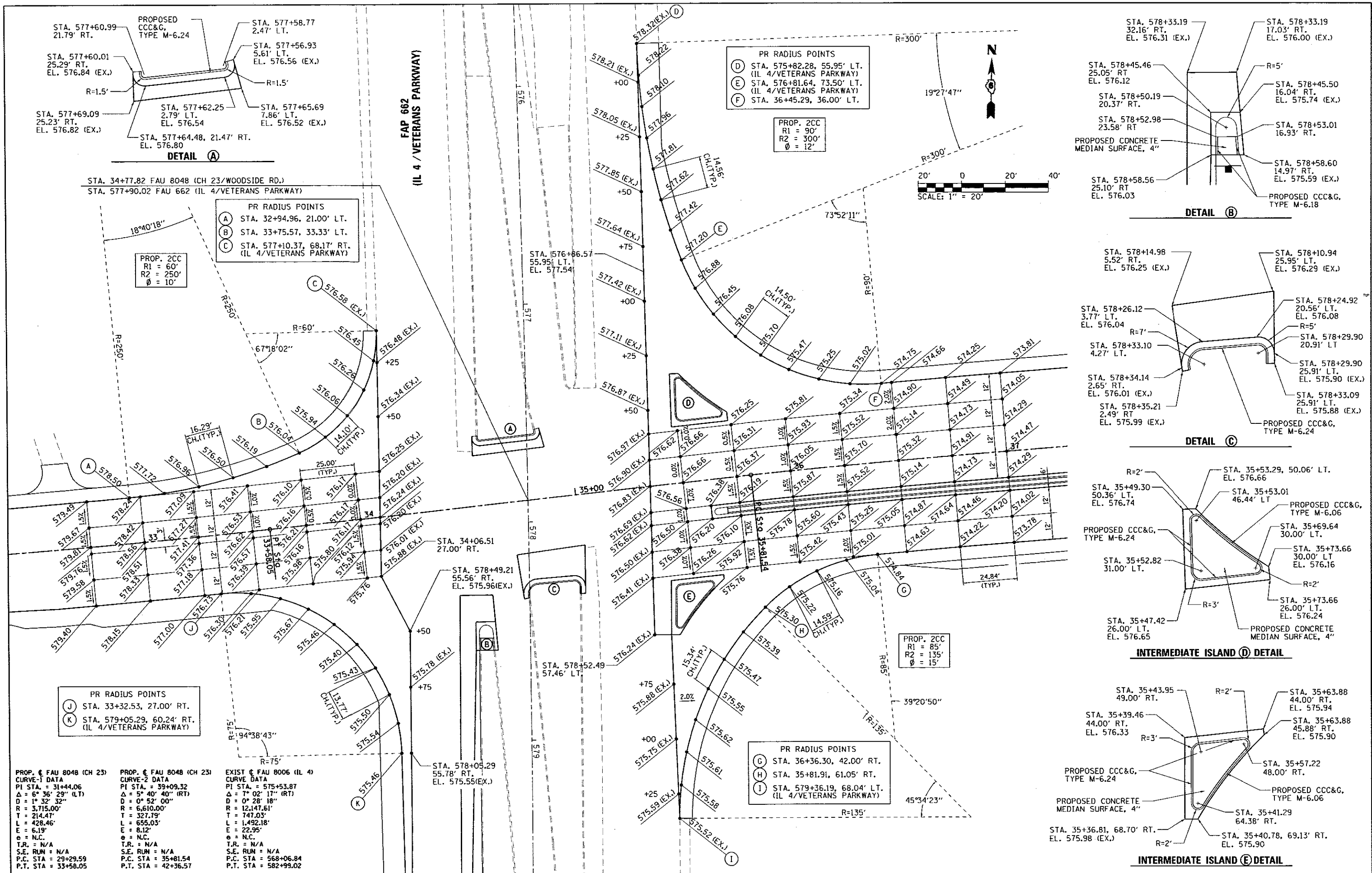


BARRY O. HINES, TRUSTEE
PIN #22-30-400-009

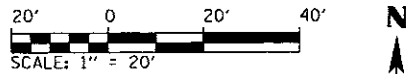
WILLIAM C. PARR
PIN # 22-29-300-001

LEGEND	
	EXIST. R.O.W. MARKER
	PIN OR ROD FOUND
	PROPOSED R.O.W.
	PROP. PERMANENT EASEMENT
	EXISTING R.O.W.
	SECTION LINE
	PROPERTY LINE
	QUARTER SECTION LINE

FILE NAME = 06-Shr-ROW Sht 4.dgn	USER NAME = Matt Overbay	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	RIGHT-OF-WAY PLAN FAU 8048 (CH 23 / WOODSIDE RD.) SANGAMON COUNTY	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Li:\SangamonCo\1402981\Draw\CADD_Sheets		DRAWN - RAH	REVISED -			8048	07-00090-09-FP	SANGAMON	141	60	
Default	PLOT SCALE = 100.0000' / in.	CHECKED - KLT	REVISED -			SCALE: 1" = 50'		SHEET 4 OF 4 SHEETS		STA. 80+00 TO STA. 94+00	CONTRACT NO. 93686
	PLOT DATE = 6/23/2017 - 4:08:08 PM	DATE - 06/23/2017	REVISED -			ILLINOIS FED. AID PROJECT					



PR RADIUS POINTS	PR RADIUS POINTS	EXIST (FAU 8006 (IL 4))
(A) STA. 32+94.96, 21.00' LT.	(J) STA. 33+32.53, 27.00' RT.	PI STA. = 575+53.87
(B) STA. 33+75.57, 33.33' LT.	(K) STA. 579+05.29, 60.24' RT. (IL 4/VETERANS PARKWAY)	$\Delta = 5^\circ 40' 40''$ (RT)
(C) STA. 577+10.37, 68.17' RT. (IL 4/VETERANS PARKWAY)		$D = 0^\circ 28' 18''$
		$R = 12,147.61'$
		$T = 747.05'$
		$L = 1,492.18'$
		$E = 22.95'$
		$e = N.C.$
		$T.R. = N/A$
		$S.E. RUN = N/A$
		$P.C. STA. = 568+06.84$
		$P.T. STA. = 582+99.02$



STA. 202+44.53 OLD CHATHAM ROAD
STA. 58+97.29 FAU 8048 (CH 23/WOODSIDE RD.)

FAU 8048
(CH 23/WOODSIDE RD.)

PROP. 2CC
R1 = 85'
R2 = 28'
Ø = -16.6'

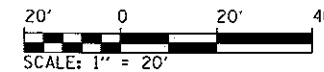
PROP. 2CC
R1 = 25'
R2 = 90'
Ø = 10'

PR RADIUS POINTS	
(A)	STA. 58+21.63, 24.00' RT. (CH23/WOODSIDE RD.)
(B)	STA. 201+47.21, 10.00' LT. (OLD CHATHAM RD.)
(C)	STA. 201+36.39, 10.00' LT. (OLD CHATHAM RD.)
(D)	STA. 201+25.00, 10.00' LT. (OLD CHATHAM RD.)
(E)	STA. 201+00.00, 8.60' LT. (OLD CHATHAM RD.)
(F)	STA. 201+00.00, 7.17' RT. (OLD CHATHAM RD.)
(G)	STA. 201+25.00, 10.00' RT. (OLD CHATHAM RD.)
(H)	STA. 201+36.39, 10.00' RT. (OLD CHATHAM RD.)
(I)	STA. 201+86.39, 10.00' RT. (OLD CHATHAM RD.)
(J)	STA. 201+96.25, 10.00' RT. (OLD CHATHAM RD.)
(K)	STA. 202+08.83, 13.40' RT. (OLD CHATHAM RD.)
(L)	STA. 59+40.61, 24.00' RT. (CH23/WOODSIDE RD.)

PROP. OLD CHATHAM ROAD
CURVE-1 DATA
PI STA. = 200+43.60
Δ = 7° 55' 44" (RT)
D = 11° 27' 33"
R = 500.00'
T = 34.65'
L = 69.19'
E = 1.20'
e = N.C.
T.R. = N/A
S.E. RUN = N/A
P.C. STA = 200+08.95
P.T. STA = 200+78.14

PROP. OLD CHATHAM ROAD
CURVE-2 DATA
PI STA. = 201+61.98
Δ = 30° 09' 20" (LT)
D = 60° 18' 41"
R = 95.00'
T = 25.59'
L = 50.00'
E = 3.39'
e = N.C.
T.R. = N/A
S.E. RUN = N/A
P.C. STA = 201+36.39
P.T. STA = 201+86.39

NOTE: OLD CHATHAM ROAD SHALL BE FULL DEPTH HOT-MIX ASPHALT 12.5" (HOT-MIX ASPHALT BASE COURSE, 8 1/2", HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (2 1/4"), AND HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (1 3/4") PLACED ON AGGREGATE BASE COURSE, TYPE B 6".



PROP. 2CC
R1 = 45'
R2 = 200'
Ø = 15'

FAU 8048
(CH 23/WOODSIDE RD.)

PR RADIUS POINTS	
(A)	STA. 72+90.35, 30.00' LT. (CH23/WOODSIDE RD.)
(B)	STA. 0+96.60, 25.00' LT. (OLD IL 4/OLD CHATHAM RD.)
(C)	STA. 1+53.83, 12.00' RT. (OLD IL 4/OLD CHATHAM RD.)
(D)	STA. 0+68.00, 31.35' RT. (OLD IL 4/OLD CHATHAM RD.)
(E)	STA. 74+54.31, 42.00' LT. (CH23/WOODSIDE RD.)

STA. 0+00.00 FAU 8006 (OLD IL 4/OLD CHATHAM RD.)
STA. 73+81.93 FAU 8048 (CH 23/WOODSIDE RD.)

FILE NAME = D6-Sht-INTERSEC-02.dgn	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
L:\SangamonCo\1402901\Draw\CA00_Sheets		DRAWN - RAH	REVISED -
		CHECKED - KLT	REVISED -
Default		DATE - 06/23/2017	REVISED -

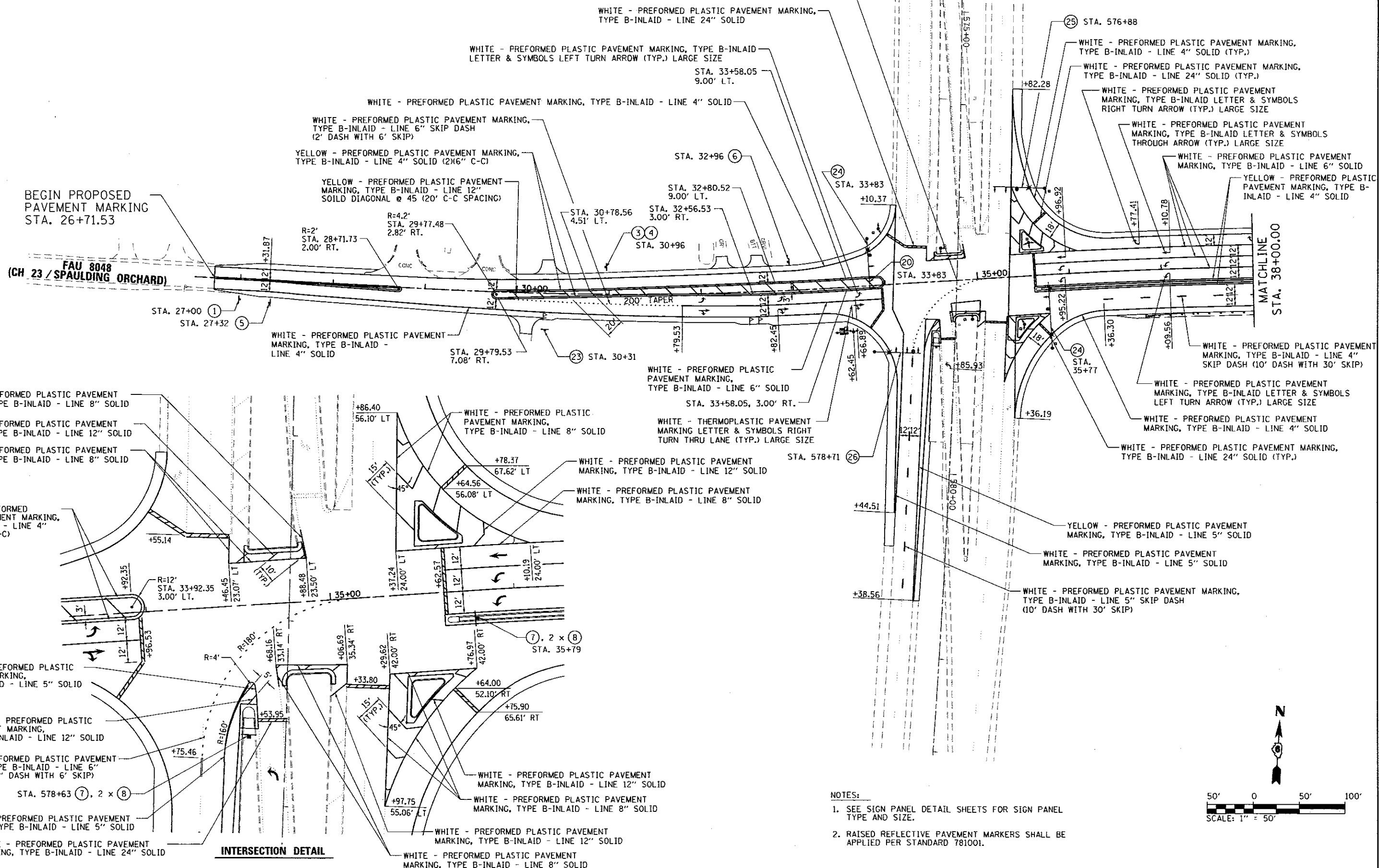
SANGAMON COUNTY
HIGHWAY DEPARTMENT

INTERSECTION DETAIL
FAU 8048 (CH 23/WOODSIDE RD.)

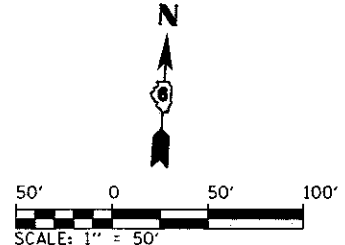
SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	62
				CONTRACT NO. 93686
ILLINOIS FED. AID PROJECT				

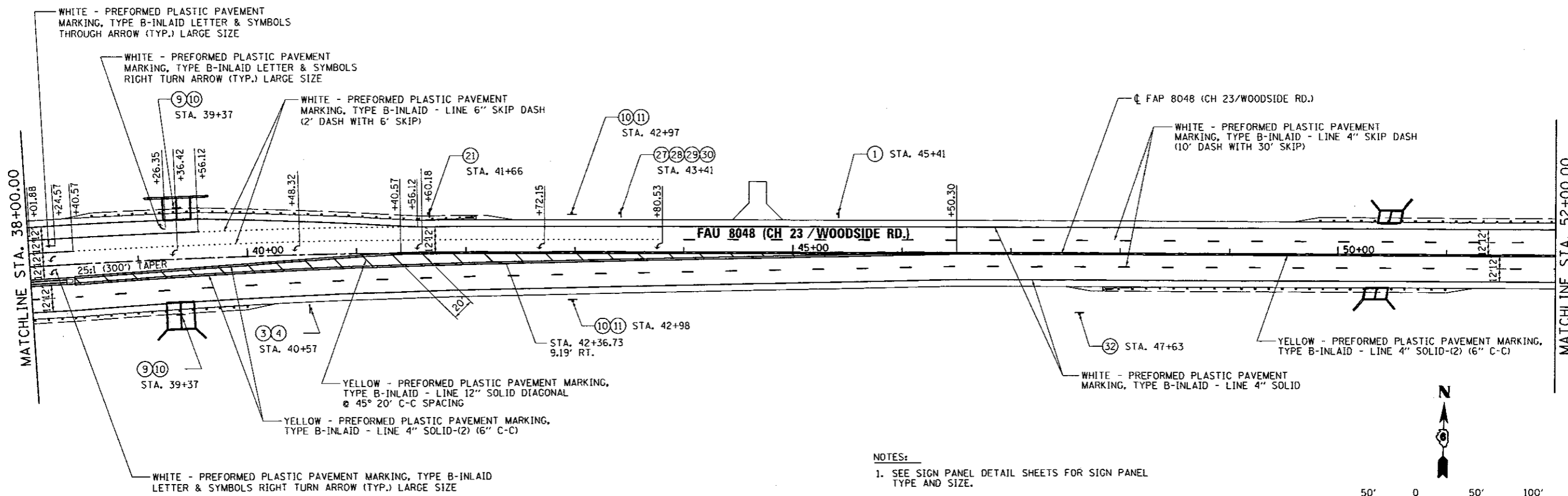
STA. 34+77.82 FAU 8048 (CH23 / WOODSDIE RD.) =
 STA. 577+90.02 FAP 662 (IL 4 / VETERANS PARKWAY)



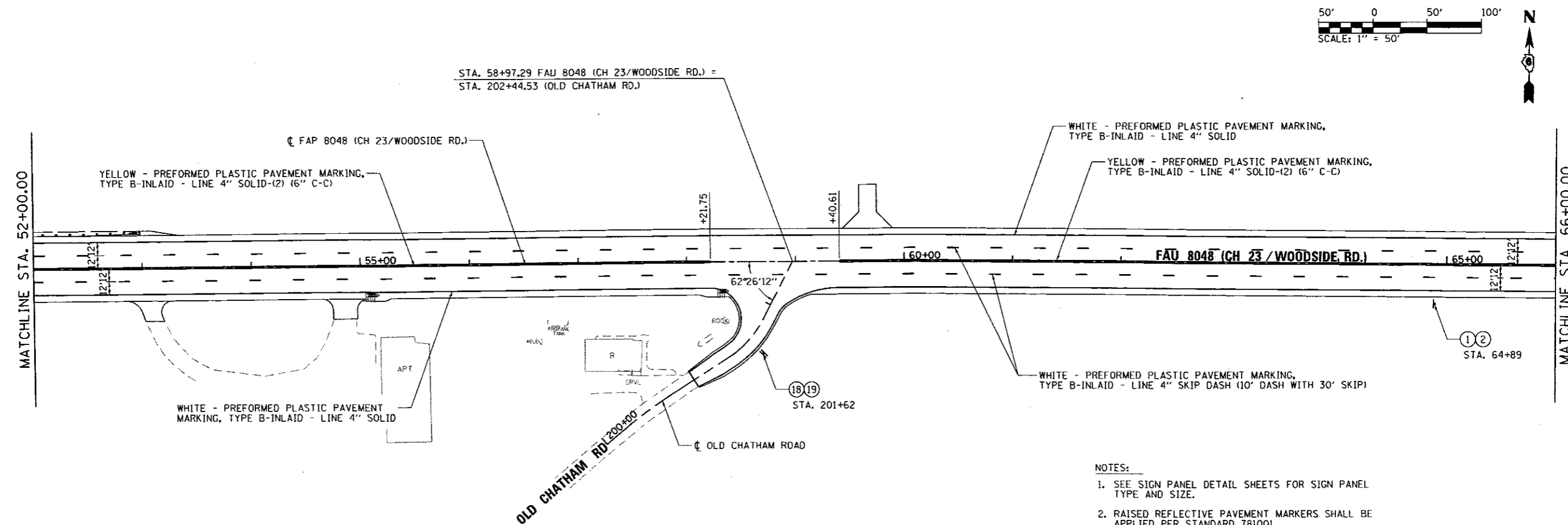
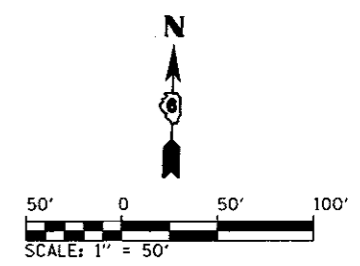
- NOTES:
- SEE SIGN PANEL DETAIL SHEETS FOR SIGN PANEL TYPE AND SIZE.
 - RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE APPLIED PER STANDARD 781001.



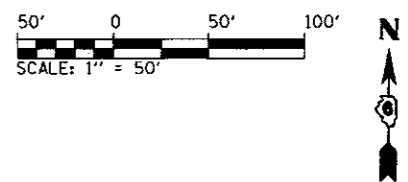
FILE NAME = 06-Sht-FWMT MRKG-01.dgn	USER NAME = Matt Overbay	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	PAVEMENT MARKING SIGNING PLAN FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\Sangamon\0148298\Draw\CADD_Sheets	PLOT SCALE = 100.0000' / in.	DRAWN - RAH	REVISED -			8048	07-00090-09-FP	SANGAMON	141	63
Default	PLOT DATE = 6/23/2017 - 4:08:18 PM	CHECKED - KLT	REVISED -			SCALE: 1" = 50' SHEET 1 OF 4 SHEETS STA. 26+71.53 TO STA. 38+00		CONTRACT NO. 93686		
		DATE - 06/23/2017	REVISED -			ILLINOIS FED. AID PROJECT				



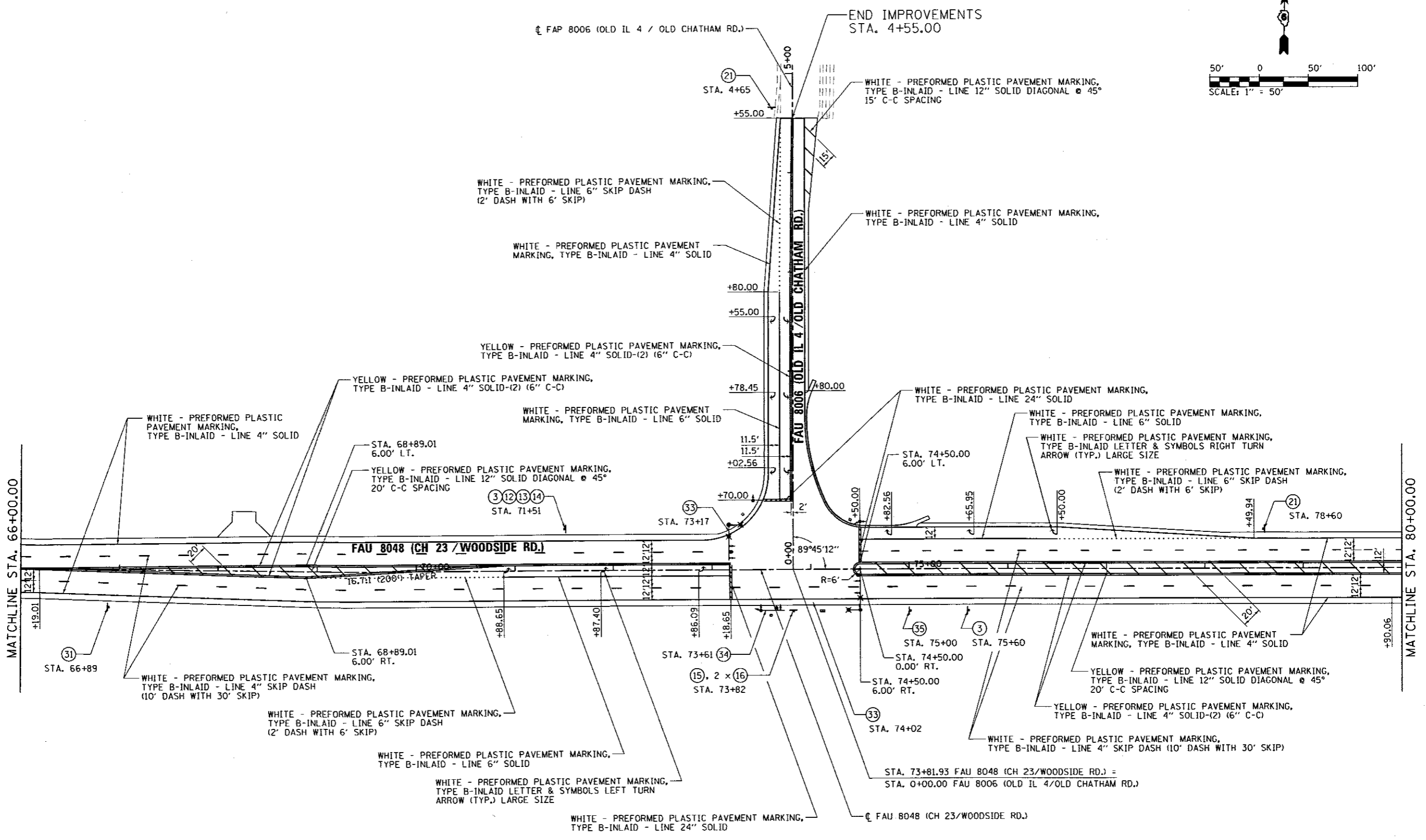
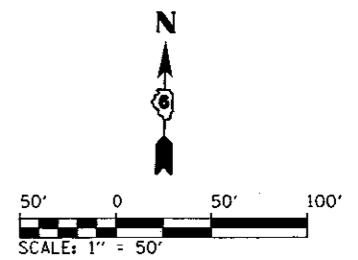
- NOTES:**
1. SEE SIGN PANEL DETAIL SHEETS FOR SIGN PANEL TYPE AND SIZE.
 2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE APPLIED PER STANDARD 781001.



- NOTES:**
1. SEE SIGN PANEL DETAIL SHEETS FOR SIGN PANEL TYPE AND SIZE.
 2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE APPLIED PER STANDARD 781001.

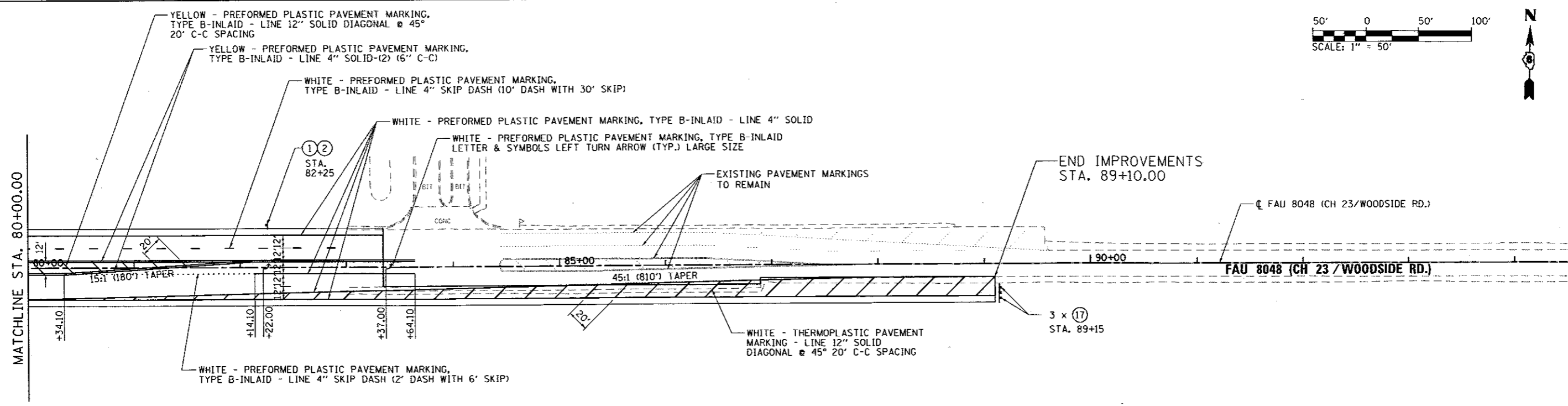
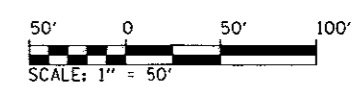


FILE NAME = D6-Sht-PVMT MARK-02.dgn	USER NAME = Matt Overbey	DESIGNED - MJD	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	PAVEMENT MARKING SIGNING PLAN FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\SangamonCo\1482981\Draw\CADD_Sheets	PLOT SCALE = 100.0000' / in.	DRAWN - RAH	REVISED -			8048	07-00090-09-FP	SANGAMON	141	64	
Default	PLOT DATE = 6/23/2017 - 4:08:11 PM	CHECKED - KLT	REVISED -			CONTRACT NO. 93686					
	DATE = 06/23/2017	REVISED -				ILLINOIS FED. AID PROJECT					



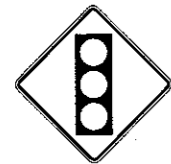
- NOTES:
1. SEE SIGN PANEL DETAIL SHEETS FOR SIGN PANEL TYPE AND SIZE.
 2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE APPLIED PER STANDARD 781001.

FILE NAME = 06-Sht-PVMT MKG-03.dgn	USER NAME = Matt Overbeg	DESIGNED -	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	PAVEMENT MARKING SIGNING PLAN FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\SangamonCo\1482981\Draw\CADD_Sheets	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			8048	07-00090-09-FP	SANGAMON	141	65	
Default	PLOT DATE = 6/23/2017 - 4:08:12 PM	CHECKED - KLT	REVISED -			SCALE: 1' = 50'	SHEET 3 OF 4 SHEETS	STA. 66+00 TO STA. 80+00	CONTRACT NO. 93686		
	DATE = 06/23/2017	REVISD -	REVISED -			ILLINOIS FED. AID PROJECT					



- NOTES:
1. SEE SIGN PANEL DETAIL SHEETS FOR SIGN PANEL TYPE AND SIZE.
 2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE APPLIED PER STANDARD 781001.

FILE NAME = D6-Sht-PVMT MARK-84.dgn	USER NAME = Matt Overbey	DESIGNED - MJD	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	PAVEMENT MARKING SIGNING PLAN FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\SangamonCo\1482901\Draw\CADD_Sheets		DRAWN - RAH	REVISED -			8048	07-00090-09-FP	SANGAMON	141	66	
Default		CHECKED - KLT	REVISED -			SCALE: 1" = 50'		SHEET 4 OF 4 SHEETS		STA. 80+00 TO STA. 94+00	CONTRACT NO. 93686
		DATE - 06/23/2017	REVISED -			ILLINOIS FED. AID PROJECT					



①
W3-3 (30x30)
6.25 SQ. FT.



②
36x6
1.5 SQ. FT.



③
R2-1 (30x36)
7.5 SQ. FT.



④
M1-6 (24x24)
4.0 SQ. FT.



⑤
W14-3 (48x48x36)
5.56 SQ. FT.



⑥
W3-5 (36x36)
9.0 SQ. FT.



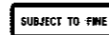
⑦
R4-7 (24x30)
5.0 SQ. FT.



⑧
OMI-3 (18x18)
2.25 SQ. FT.



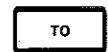
⑨
R7-1 (12x18)
1.5 SQ. FT.



⑩
(18x6)
0.75 SQ. FT.



⑪
R7-1 (12x18)
1.5 SQ. FT.



⑫
M4-5 (24x12)
2.0 SQ. FT.



⑬
(24x24)
2.0 SQ. FT.



⑭
M6-3 (21x15)
2.19 SQ. FT.



⑮
W1-7 (48x24)
8.0 SQ. FT.



⑯
OMI-1 (18x18)
2.25 SQ. FT.



⑰
OM4-3 (18x18)
2.25 SQ. FT.



⑱
R1-1 (30x30)
6.25 SQ. FT.



⑲
W14-1 (30x30)
6.25 SQ. FT.



⑳
(30x30)
(30x9)
6.25 SQ. FT.
1.88 SQ. FT.
PLACE ON MAST ARM



㉑
R3-20R (24x36)
6.0 SQ. FT.



㉒
(30x24)
5.0 SQ. FT.



㉓
(30x30)
6.25 SQ. FT.

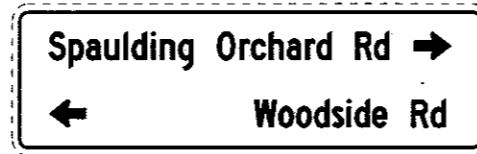


㉔
(24x60)
10.0 SQ. FT.
PLACE ON MAST ARM

FILE NAME = 06-Sht-PVMT MKG-05.dgn	USER NAME = Matt Overbey	DESIGNED - BB	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	SIGN PANEL DETAILS FAU 8048 (CH 23 / WOODSIDE RD.)		F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 67	
L:\SangamonCo\1402901\Draw\CADD_Sheets		DRAWN - RAH	REVISED -		SCALE: NTS	SHEET 5 OF 6 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 93686			
Default		CHECKED - KLT	REVISED -						ILLINOIS FED. AID PROJECT			
		DATE - 06/23/2017	REVISED -									



25
(36x120)
30.0 SQ. FT.
PLACE ON MAST ARM



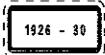
26
(36x120)
30.0 SQ. FT.
PLACE ON MAST ARM



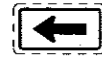
27
(18x60)
7.5 SQ. FT.



28
(24x30)
5.0 SQ. FT.



29
(12x24)
2.0 SQ. FT.



30
M6-1 (21x15)
2.19 SQ. FT.



31
(30x60)
12.5 SQ. FT.



32
(30x30)
6.25 SQ. FT.



33
(63x27)
11.8 SQ. FT.
PLACE ON MAST ARM



34
(66x27)
12.4 SQ. FT.
PLACE ON MAST ARM



35
W9-1R (30x30)
6.25 SQ. FT.

FILE NAME = D5-Sht-PVMT MRKC-06.dgn	USER NAME = Matt Overbey	DESIGNED - BB	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	SIGN PANEL DETAILS FAU 8048 (CH 23 / WOODSIDE RD.)			F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 68
L:\SangamonCo\1482901\Draw\CADD_Sheets\		DRAWN - RAH	REVISED -		SCALE: NTS	SHEET 6 OF 6 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 93686			
Default		CHECKED - KLT	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 06/23/2017	REVISED -									

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		LIGHT DETECTOR (EMERGENCY VEHICLE DETECTION)
		LUMINAIRE
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		VEHICLE DETECTOR CAMERA
		AERIAL CABLE
		UNDERGROUND CONDUIT
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		SIDEWALK REMOVAL IN SQ. FT.
		PCC SIDEWALK, 4 INCH IN SQ. FT.
		PCC SIDEWALK, 4 INCH (SPECIAL) IN SQ. FT.

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		8" SIGNAL SECTION
		12" SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		9" PEDESTRIAN SIGNAL FACE
		12" PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN (TWISTED)
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR

FILE NAME = D6-Sht-TS Legend.dgn	USER NAME = Matt Overbey	DESIGNED - BMB	REVISED -
L:\SangamonCo\1482981\Draw\CA00_Sheets\		DRAWN - BMB	REVISED -
		CHECKED - KLT	REVISED -
Default	PLOT DATE = 6/23/2017 - 4:00:14 PM	DATE - 06/23/2017	REVISED -

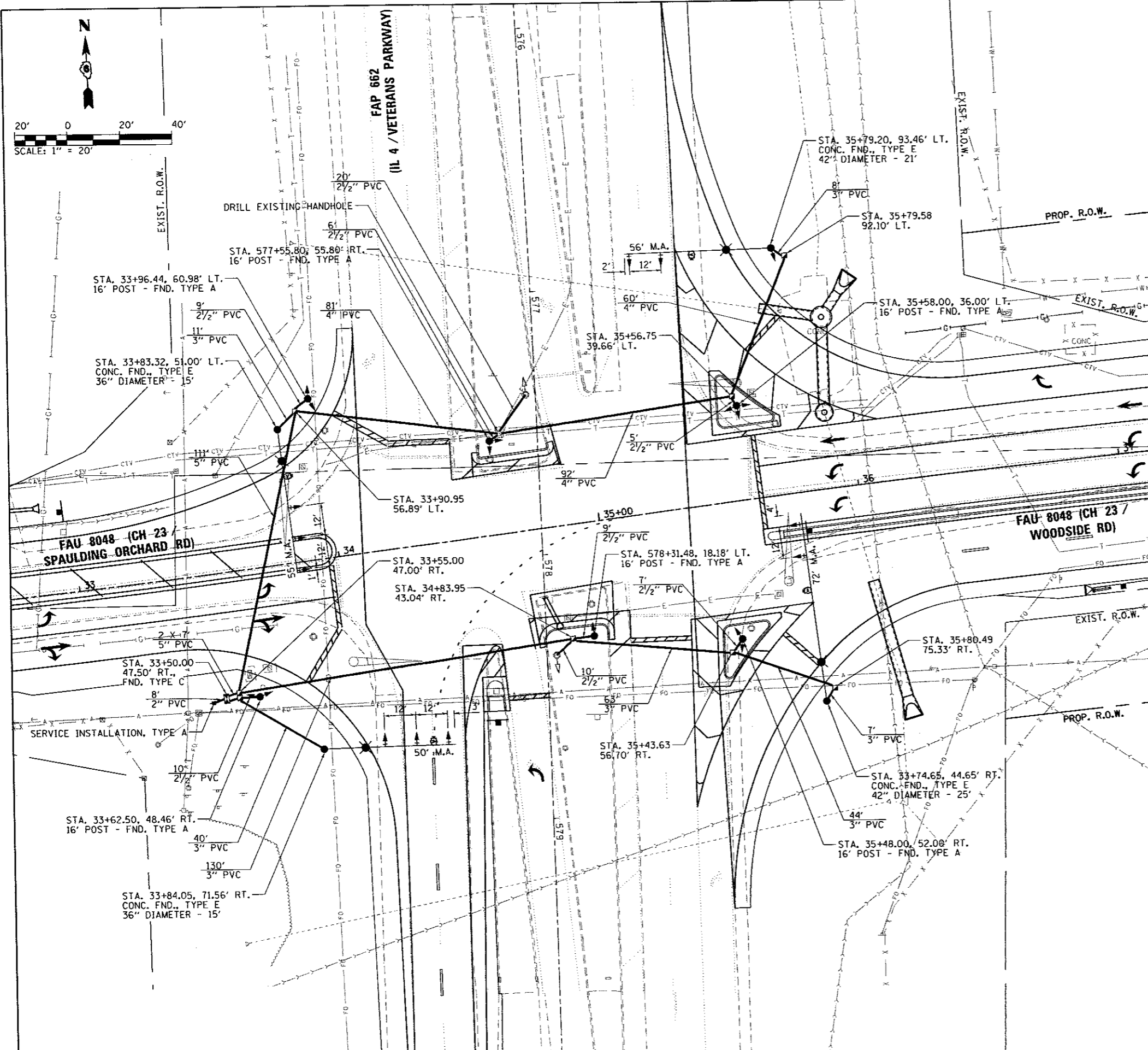
**SANGAMON COUNTY
HIGHWAY DEPARTMENT**

TRAFFIC SIGNAL LEGEND

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

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	69
CONTRACT NO. 93686			ILLINOIS FED. AID PROJECT	

BILL OF MATERIALS
 FAU 8048 (CH 23/WOODSIDE ROAD)
 AND FAP 662 (IL 4/VETERANS PARKWAY)



ITEM	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE A	EACH	1
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	8
UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	76
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	303
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	233
UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	125
HANDHOLE	EACH	6
DOUBLE HANDHOLE	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3,320
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,211
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	917
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	1,017
ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18 3 PAIR	FOOT	1,156
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	24
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	803
TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	6
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 72 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	18
CONCRETE FOUNDATION, TYPE C	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	46
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3-SECTION, 2-5-SECTION, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE	EACH	10
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
CAMERA MOUNTING ASSEMBLY	EACH	4
VIDEO VEHICLE DETECTION SYSTEM	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,350
LUMINAIRE, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	4
COMBINATION LIGHTING CONTROLLER	EACH	1

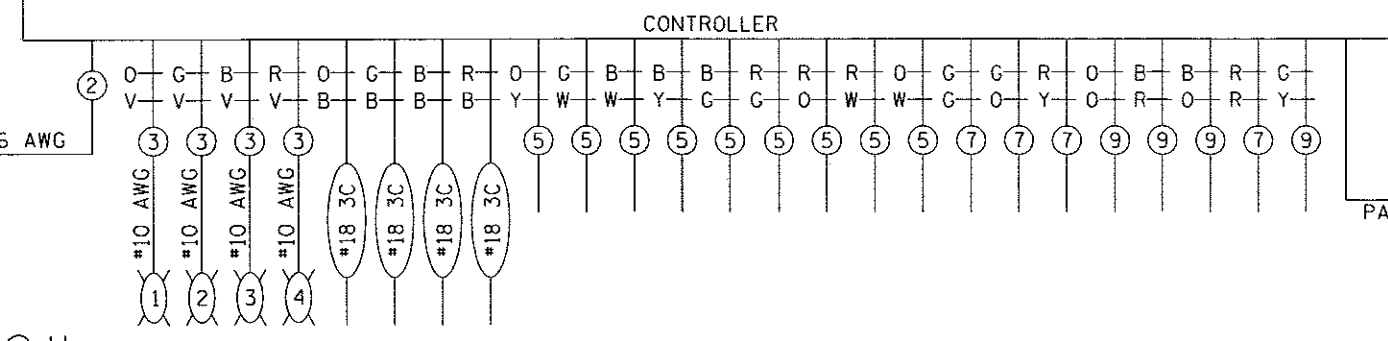
GENERAL NOTES

- SEE REMOVAL SHEETS FOR EXISTING HANDHOLE AND CONCRETE FOUNDATION REMOVAL. ALL ITEMS INCLUDED UNDER REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT ARE LISTED ON THE TEMPORARY TRAFFIC SIGNAL LAYOUT SHEET.
- THE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET SHALL BE RETURNED TO THE SANGAMON COUNTY HIGHWAY DEPARTMENT AT 3003 TERMINAL AVENUE, SPRINGFIELD, IL 62707. ALL OTHER REMOVED TRAFFIC SIGNAL EQUIPMENT SHALL BE DISPOSED OFF-SITE.
- THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
- ADJUSTMENTS TO ACCOMMODATE EXISTING UTILITIES SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.
- ALL COMBINATION MAST ARMS SHALL HAVE 25' TUBULAR ARMS.

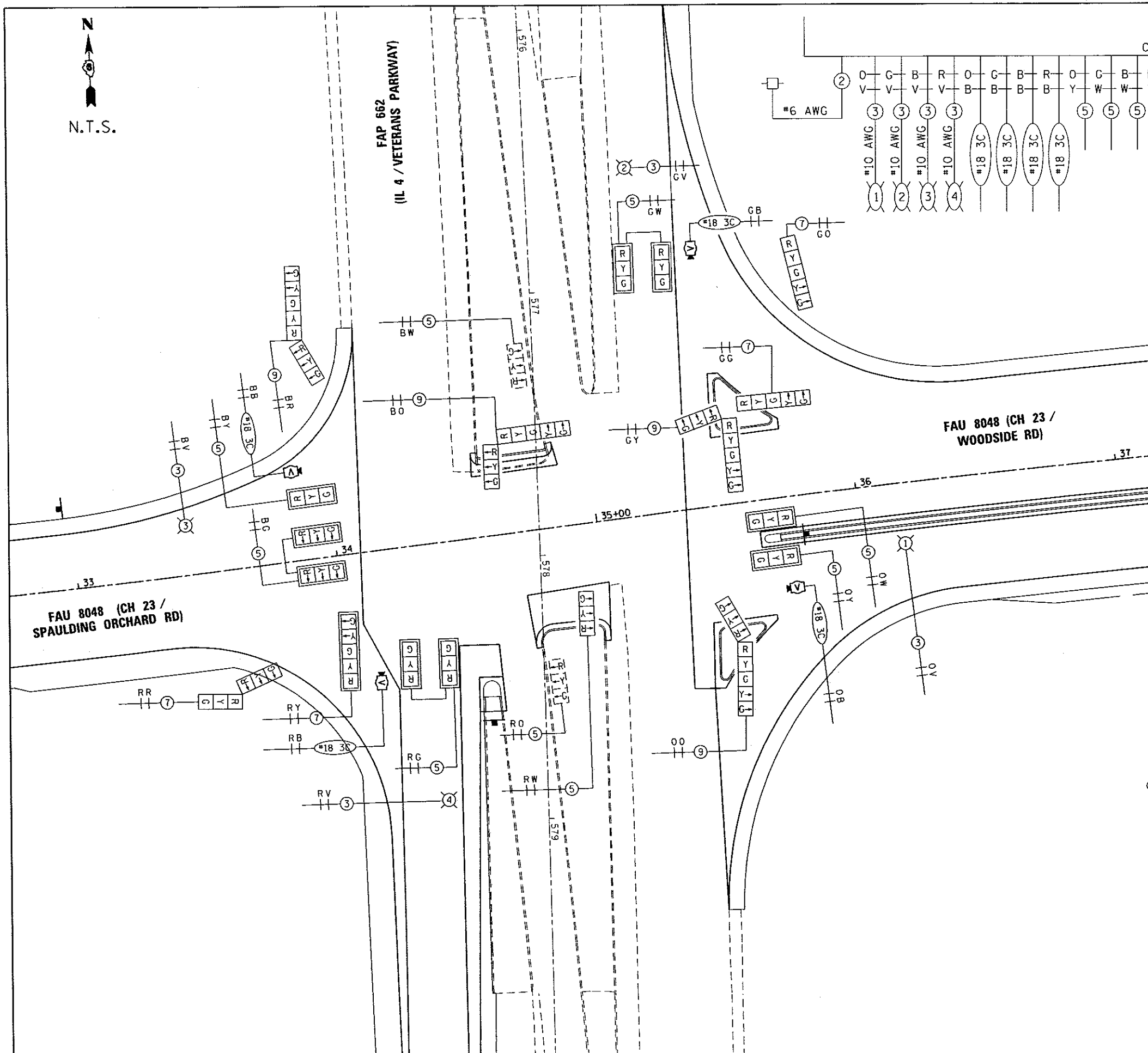
FILE NAME = D6-Sht-TS Layout-IL4.dgn	USER NAME = Matt Overbey	DESIGNED - BMB	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	PROPOSED TRAFFIC SIGNAL LAYOUT FAU 662 (IL 4) FAU 8048 (CH 23 / WOODSIDE ROAD)				F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 70
L:\SangamonCo\1402901\Draw\CADD_Sheets					DRAWN - RAH	REVISED -	SCALE: 1"=20'	SHEET	OF	SHEETS	STA. 33+00 TO STA. 37+00	ILLINOIS FED. AID PROJECT	
PLOT SCALE = 48.0000' / in.					CHECKED - KLT	REVISED -							
PLOT DATE = 6/23/2017 - 4:08:15 PM					DATE - 06/23/2017	REVISED -	CONTRACT NO. 93686						



FAP 662
(IL 4 / VETERANS PARKWAY)

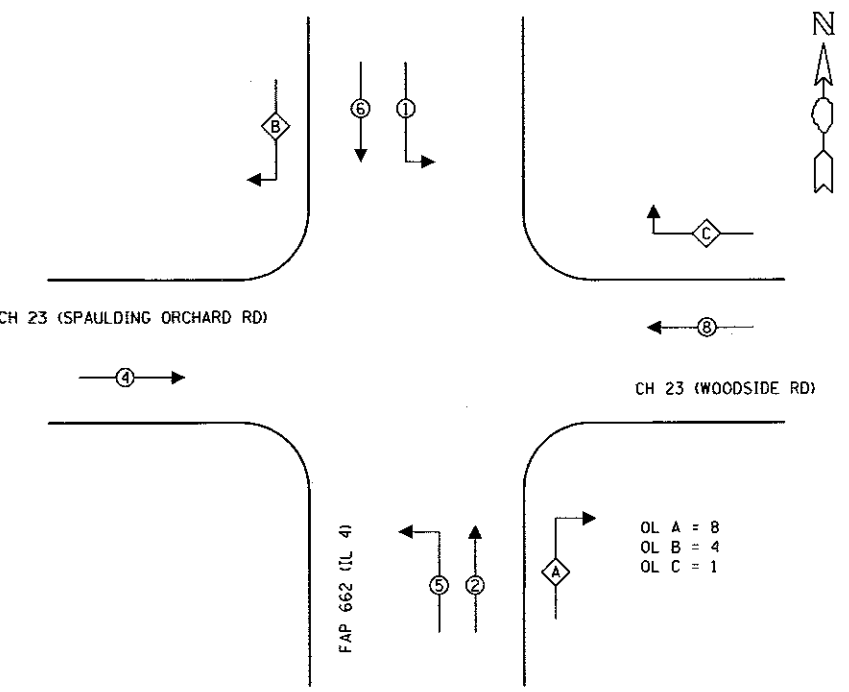


12 F/O TO
PANTHER CREEK



FAU 8048 (CH 23 /
SPAULDING ORCHARD RD)

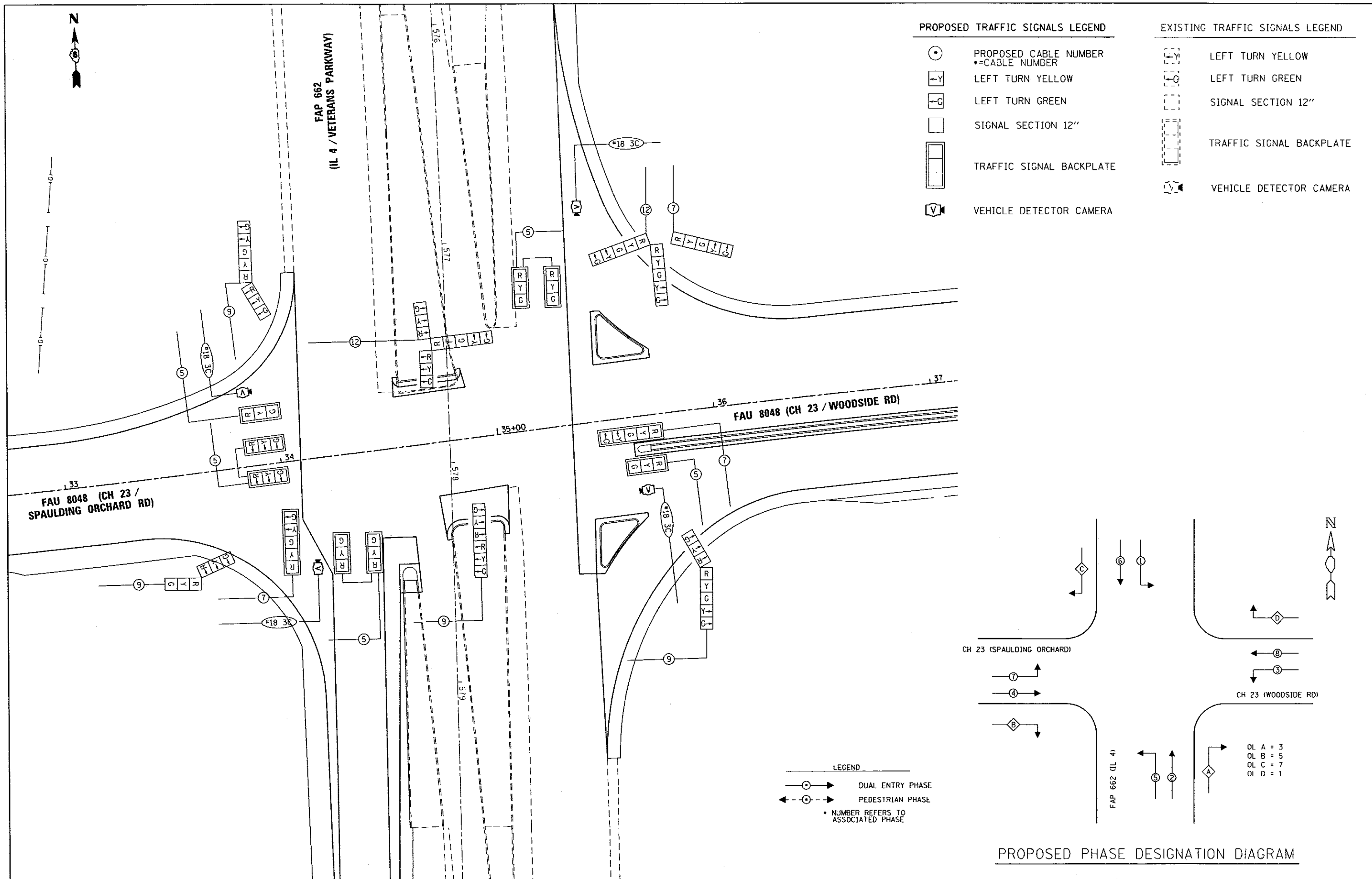
FAU 8048 (CH 23 /
WOODSIDE RD)



PROPOSED PHASE DESIGNATION DIAGRAM

FILE NAME = D6-Sht-TS Cable Layout-IL4 L:\SangamonCo\1482981\Draw\CADD_Sheets	DESIGNER NAME = Matt Overbey	DESIGNED -	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	PROPOSED CABLE LAYOUT FAU 662 (IL 4) FAU 8048 (CH 23 / WOODSIDE ROAD)		F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 71
	PLOT SCALE = 40,0000' / in.	CHECKED - KLT	DATE - 06/23/2017		REVISED -	SCALE: 1"=20'	SHEET OF SHEETS	STA. 33+00 TO STA. 37+00	ILLINOIS FED. AID PROJECT		

OL A = 8
OL B = 4
OL C = 1



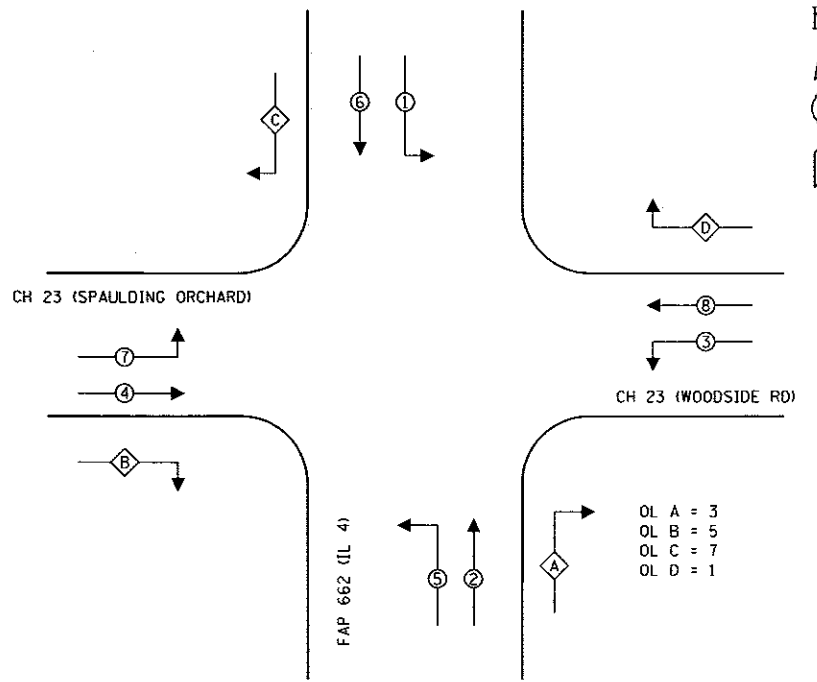
PROPOSED TRAFFIC SIGNALS LEGEND

- PROPOSED CABLE NUMBER
- LEFT TURN YELLOW
- LEFT TURN GREEN
- SIGNAL SECTION 12"
- TRAFFIC SIGNAL BACKPLATE
- VEHICLE DETECTOR CAMERA

EXISTING TRAFFIC SIGNALS LEGEND

- LEFT TURN YELLOW
- LEFT TURN GREEN
- SIGNAL SECTION 12"
- TRAFFIC SIGNAL BACKPLATE
- VEHICLE DETECTOR CAMERA

- LEGEND**
- DUAL ENTRY PHASE
 - PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE



PROPOSED PHASE DESIGNATION DIAGRAM

FILE NAME = DB-SHT-TS Temp Cable Layout L:\SanganonCo\1482981\Draw\CADD_Sheets\	USER/NAME = Matt Overbay	DESIGNED -	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	TEMPORARY SIGNAL CABLE LAYOUT FAU 662 (IL 4) FAU 8048 (CH 23 / WOODSIDE ROAD)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48,0000' / 1"	CHECKED - KLT	REVISED -		REVISED -	SCALE: 1"=20'	SHEET OF SHEETS	STA. 33+00 TO STA. 37+00	8048	07-00090-09-FP	SANGAMON	141
PLOT DATE = 6/23/2017 - 4:08:18 PM	DATE - 06/23/2017	REVISED -	REVISED -				CONTRACT NO. 93686			ILLINOIS FED. AID PROJECT		

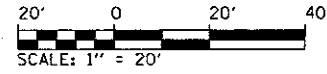
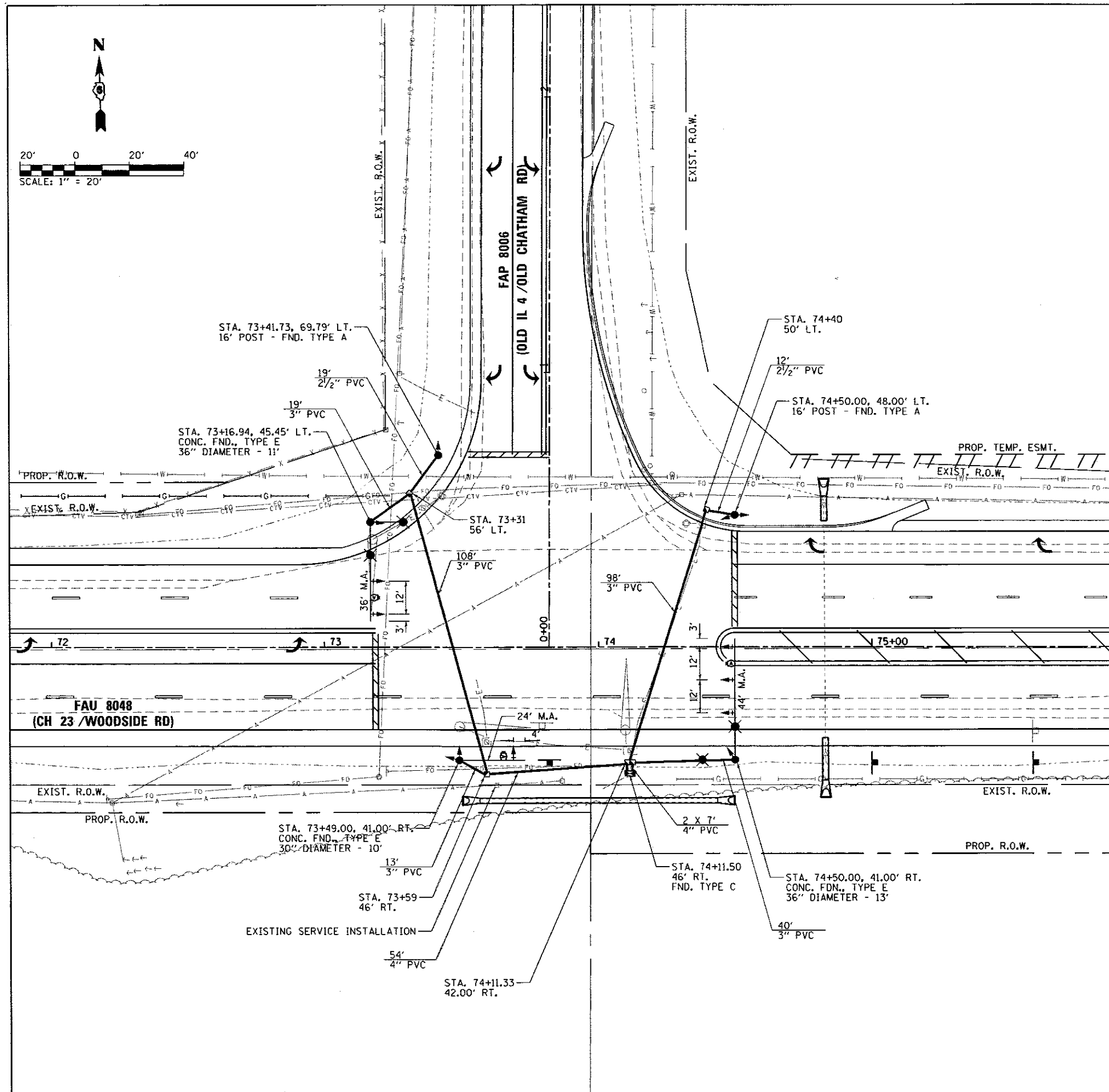
BILL OF MATERIALS

FAU 8048 (CH 23/WOODSIDE ROAD)
AND FAU 8006 (OLD IL 4/OLD CHATHAM RD)

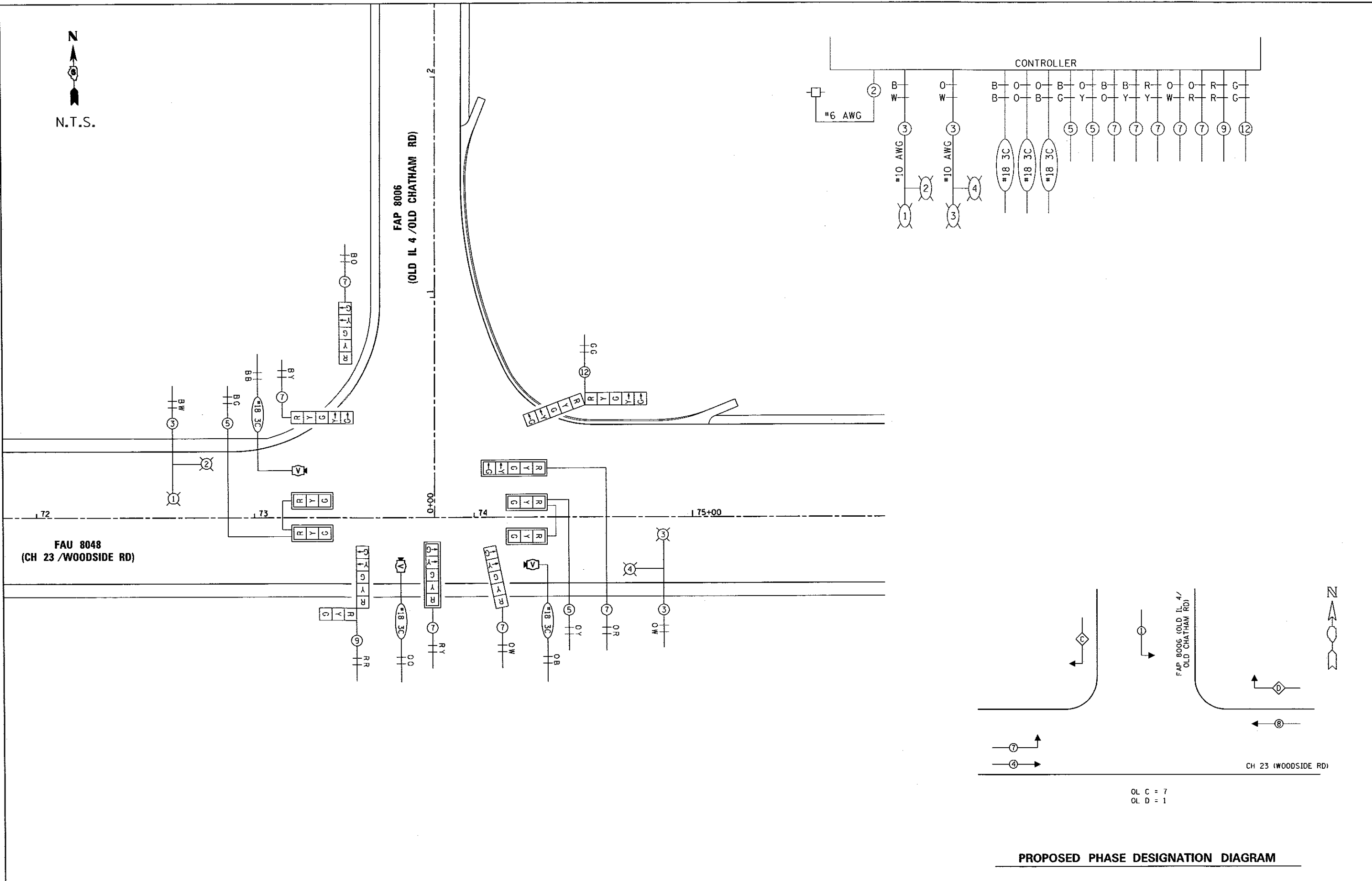
ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	31
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	278
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	68
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	754
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	814
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	113
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C	FOOT	156
ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18 3 PAIR	FOOT	567
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	406
TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	6
CONCRETE FOUNDATION, TYPE C	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	24
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
CAMERA MOUNTING ASSEMBLY	EACH	3
VIDEO VEHICLE DETECTION SYSTEM	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,350
LUMINAIRE, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	4
COMBINATION LIGHTING CONTROLLER	EACH	1

GENERAL NOTES

- SEE REMOVAL SHEETS FOR EXISTING HANDHOLE AND CONCRETE FOUNDATION REMOVAL. ALL ITEMS INCLUDED UNDER REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT ARE LISTED ON THE TEMPORARY TRAFFIC SIGNAL LAYOUT SHEET.
- REMOVED TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO THE CITY OF SPRINGFIELD, FOR THIS LOCATION ONLY.
- THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
- ADJUSTMENTS TO ACCOMMODATE EXISTING UTILITIES SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.
- ALL COMBINATION MAST ARMS SHALL HAVE 25' TUBULAR ARMS.



FILE NAME = D6-Sht-TS Layout-ChathamRd.dwg	USER NAME = Matt Overbey	DESIGNED -	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	PROPOSED TRAFFIC SIGNAL LAYOUT FAU 8006 (OLD IL 4) FAU 8048 (CH 23 / WOODSIDE ROAD)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\SangamonCo\1482981\Draw\CADD_Sheets	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			8048	07-00090-09-FP	SANGAMON	141	74	
Default	PLOT DATE = 6/23/2017 - 4:08:19 PM	CHECKED - KLT	REVISED -			CONTRACT NO. 93686					
		DATE - 06/23/2017	REVISED -			ILLINOIS FED. AID PROJECT					



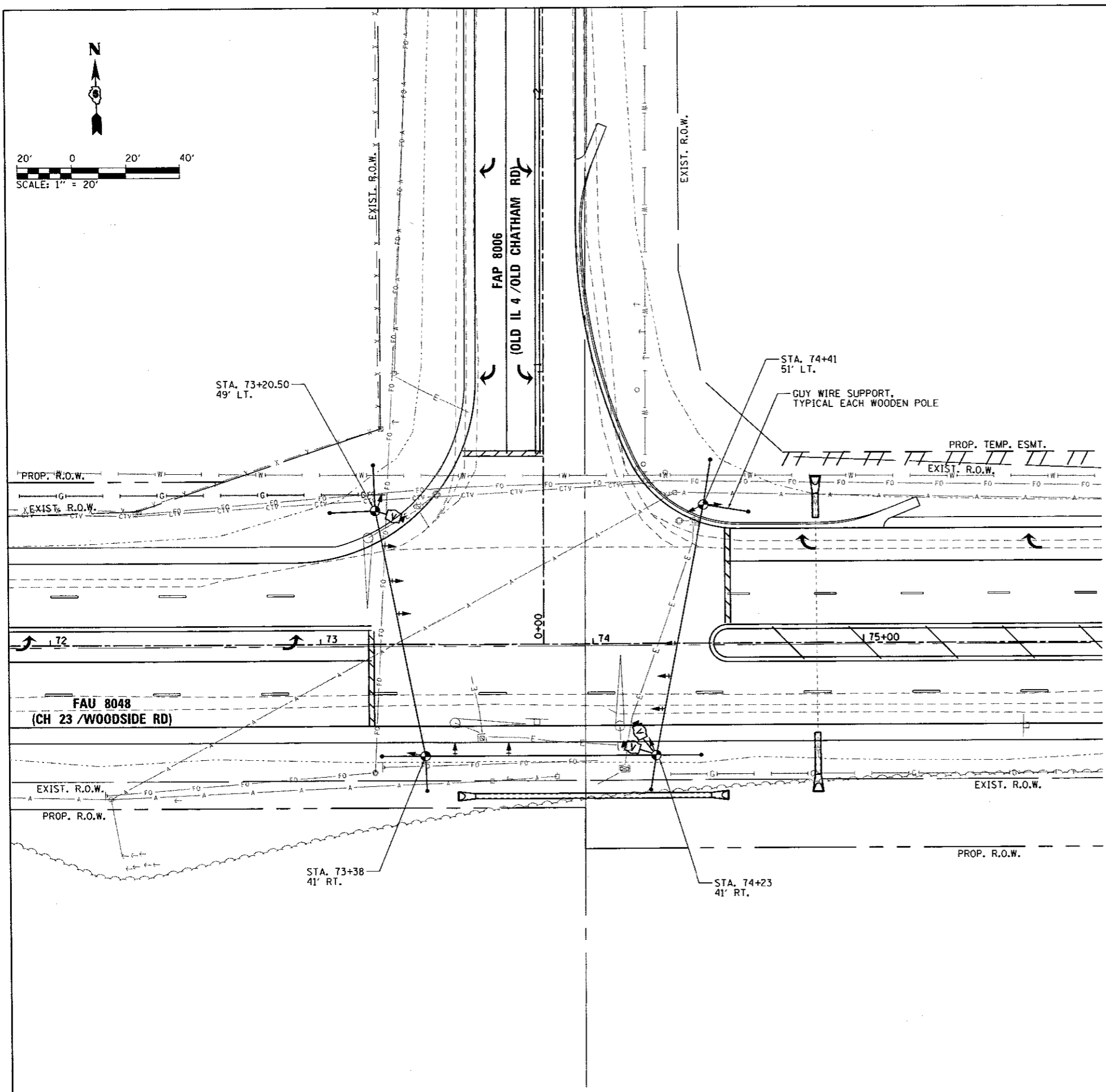
PROPOSED PHASE DESIGNATION DIAGRAM

FILE NAME = D6-Sht-TS Cable Layout-Check.dwg L:\SangamonCo\1402981\Drawings\CADD_Sheets\	DESIGNER NAME = Matt Dvorbey	DESIGNED - DRAWN - CHECKED - KLT PLOT DATE = 6/23/2017 - 4:08:20 PM	REVISED - REVISED - REVISED - REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	PROPOSED CABLE LAYOUT FAU 8006 (OLD IL 4) FAU 8048 (CH 23 / WOODSIDE ROAD)			F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 75
	SCALE: 1"=20' SHEET OF SHEETS STA. 72+00 TO STA. 75+80					CONTRACT NO. 93686 ILLINOIS FED. AID PROJECT						

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT INCLUDES:

MAST ARM ASSEMBLY & POLE	3	EACH
TRAFFIC SIGNAL POST	2	EACH
SIGNAL HEADS	12	EACH
ELECTRIC CABLE IN CONDUIT		
CONDUIT		

NOTE: ALL EXISTING CABLE IN CONDUIT IS TO BE REMOVED ALONG WOODSIDE ROAD AND ALONG CHATHAM ROAD BETWEEN EXISTING JUNCTION BOXES. EXISTING CONDUIT IS TO BE ABANDONED IN THE AREAS WHERE NEW CONDUIT IS PROPOSED EXCEPT IN THE CASE WHERE PROPOSED IMPROVEMENTS AFFECT THE EXISTING CONDUIT, IN WHICH CASE THE CONDUIT WILL THEN BE REMOVED. ALL REMOVAL OF EXISTING ELECTRIC CABLE AND CONDUIT WILL BE INCLUDED IN THE PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT. EXISTING STREET SIGN PANELS MOUNTED ON EXISTING TRAFFIC SIGNAL POSTS WILL BE REMOVED AND PAID FOR AS REMOVE SIGN PANEL, TYPE 1, SO. FT.



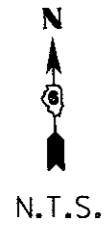
TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED W/BACKPLATE
- TEMPORARY WOOD POLE (CLASS 3 OR BETTER)
- TEMPORARY SPAN WIRE, TETHER WIRE OR CABLE
- TEMPORARY VIDEO DETECTION CAMERA

TEMPORARY SIGNAL NOTES

1. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF EXISTING SIGNALS.
2. POLES SHALL BE USED TO THE SATISFACTION OF THE ENGINEER. ANY ADJUSTMENTS SHALL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
3. VIDEO VEHICLE DETECTION SYSTEM SHALL BE UTILIZED TO PROVIDE DETECTION FOR THE CONTROLLER.
4. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE A MINIMUM 35' MOUNTING HEIGHT FOR THE VIDEO CAMERAS.
5. CONTRACTOR SHALL PROVIDE TEMPORARY CABLE DIAGRAM LAYOUT FOR EACH SEPARATE CONSTRUCTION STAGE.
6. CONTRACTOR SHALL ADJUST PLACEMENT OF SIGNAL HEADS FOR EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER.
7. TEMPORARY SIGNAL HEAD SPACING AND SIGNAL TIMING SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.

FILE NAME = D6-Sht-TS Temp Signals-Cho	DESIGNED -	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	EXISTING & TEMPORARY TRAFFIC SIGNAL LAYOUT FAU 8006 (OLD IL 4) FAU 8048 (CH 23 / WOODSIDE ROAD)		F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LA\SanganonCo\1402901\Draw\CADD_Sheets	DRAWN -	REVISED -		8048	07-00090-09-FP	SANGAMON	141	76		
DeFault	CHECKED - KLT	REVISED -		SCALE: 1"=20'		SHEET OF SHEETS		CONTRACT NO. 93686		
PLOT SCALE = 40.0000' / in.	DATE - 06/23/2017	REVISED -		STA. 72+00 TO STA. 75+80		ILLINOIS FED. AID PROJECT				

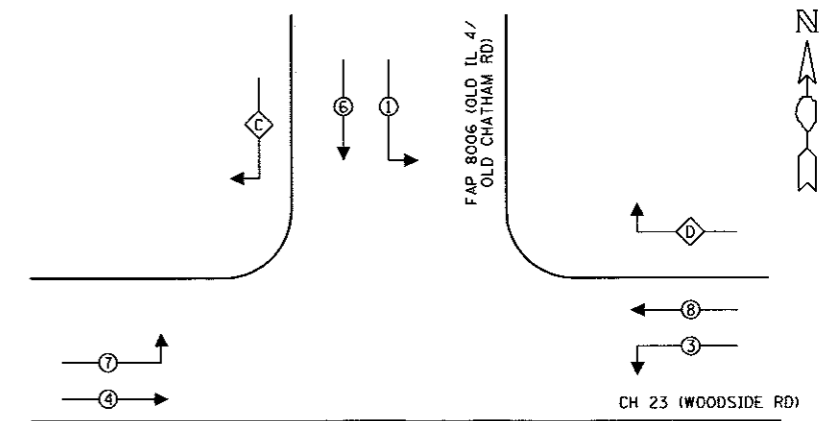
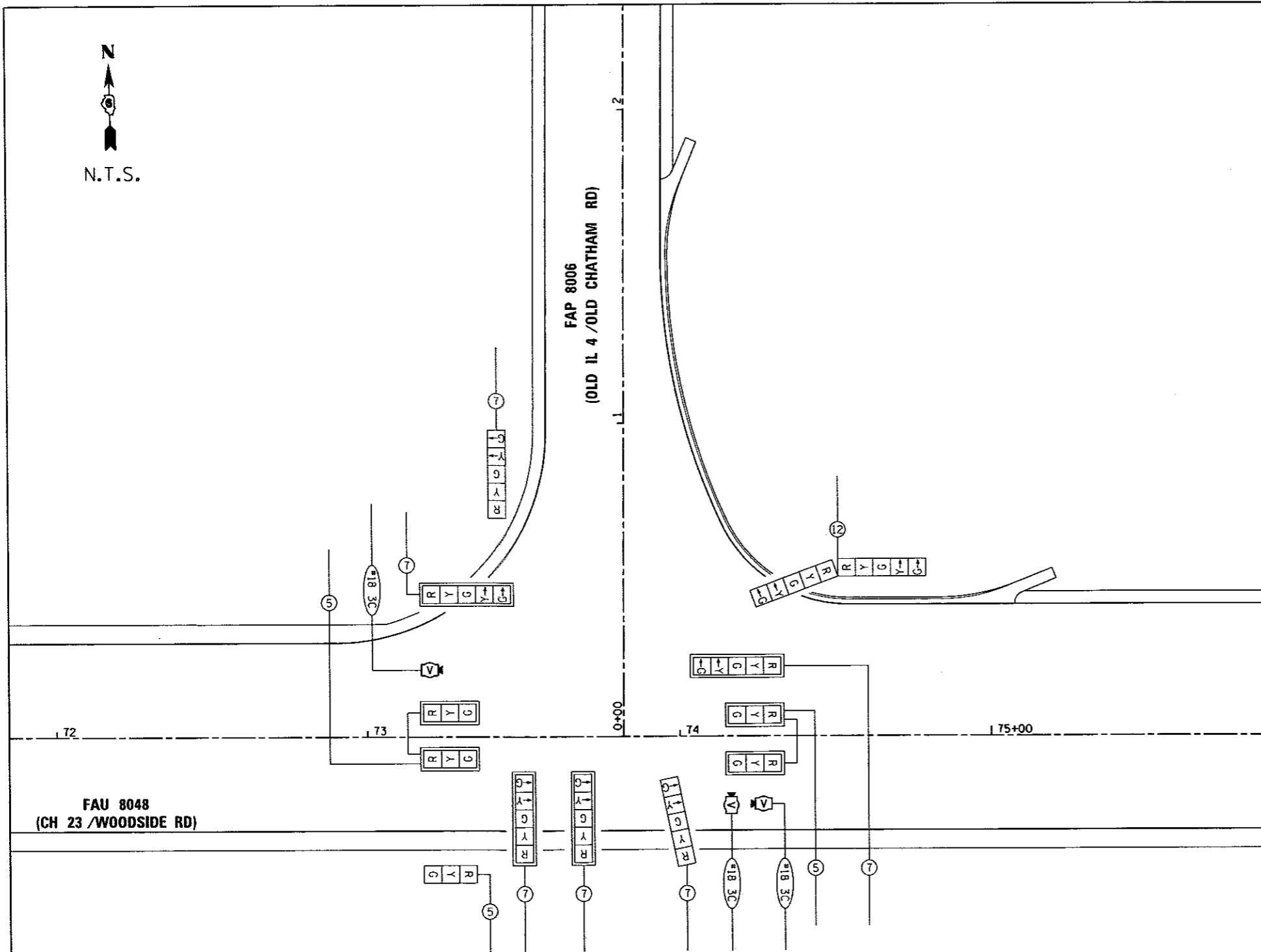


PROPOSED TRAFFIC SIGNALS LEGEND

- ⊙ PROPOSED CABLE NUMBER
* = CABLE NUMBER
- ⊖-Y LEFT TURN YELLOW
- ⊖-G LEFT TURN GREEN
- SIGNAL SECTION 12"
- ▭ TRAFFIC SIGNAL BACKPLATE
- Ⓜ VEHICLE DETECTOR CAMERA

EXISTING TRAFFIC SIGNALS LEGEND

- ⊖-Y LEFT TURN YELLOW
- ⊖-G LEFT TURN GREEN
- SIGNAL SECTION 12"
- ▭ TRAFFIC SIGNAL BACKPLATE
- Ⓜ VEHICLE DETECTOR CAMERA



PROPOSED PHASE DESIGNATION DIAGRAM

FILE NAME : DG-Sht-TS Temp Cable Layout - CSER-JANE.dgn
 L:\SangamonCo\1402981\Draw\CADD_Sheets\Default

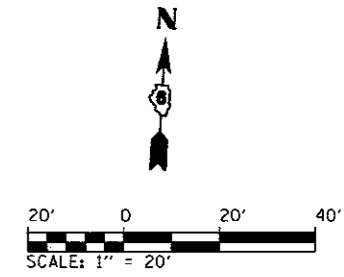
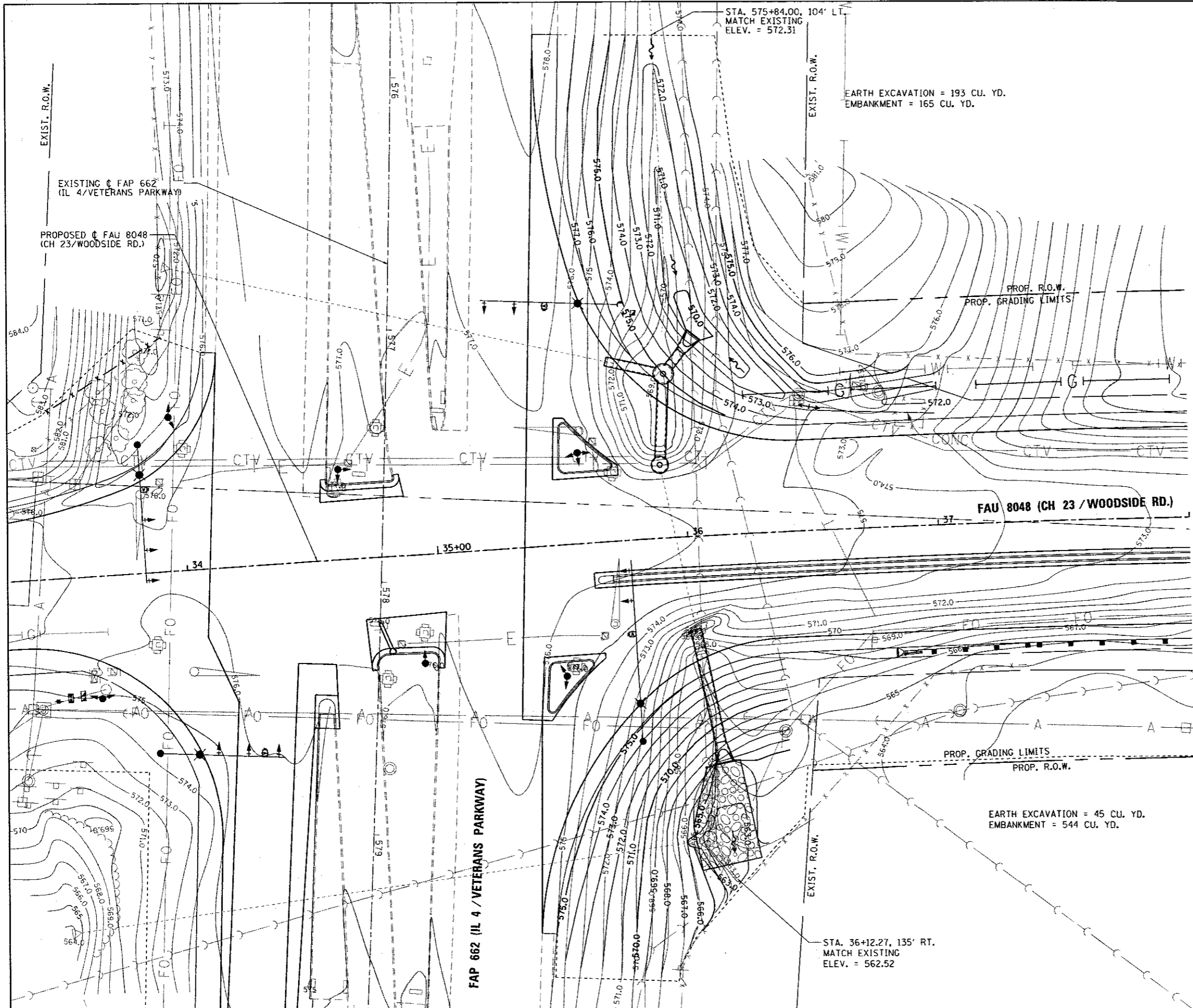
DESIGNED -	REVISOR -
DRAWN -	REVISIONS -
CHECKED - KLT	REVISIONS -
DATE - 06/23/2017	REVISIONS -

**SANGAMON COUNTY
HIGHWAY DEPARTMENT**

**TEMPORARY CABLE LAYOUT FAU 8006 (OLD IL 4)
FAU 8048 (CH 23 / WOODSIDE ROAD)**

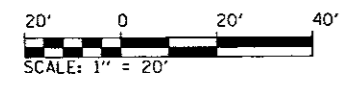
SCALE: 1"=20' SHEET OF SHEETS STA. 72+00 TO STA. 75+80

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	77
				CONTRACT NO. 93686
ILLINOIS FED. AID PROJECT				

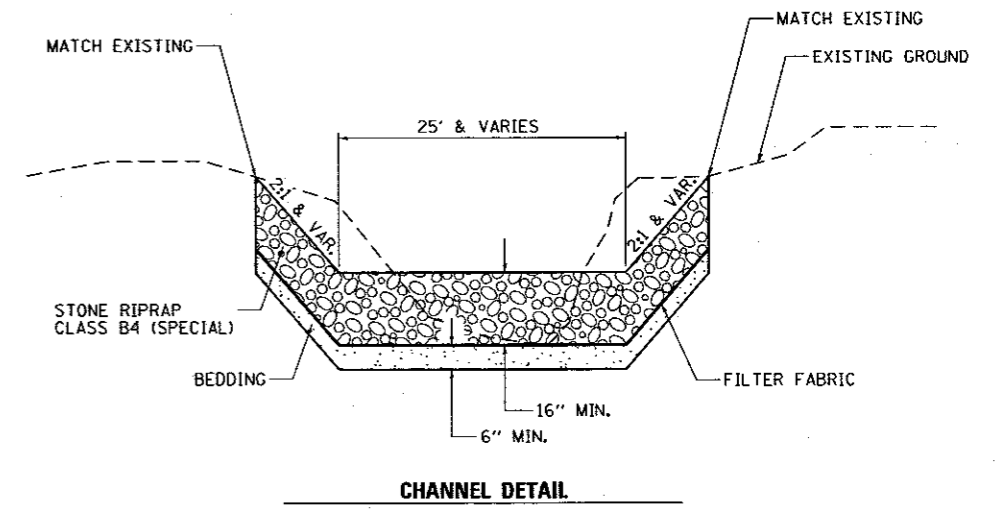
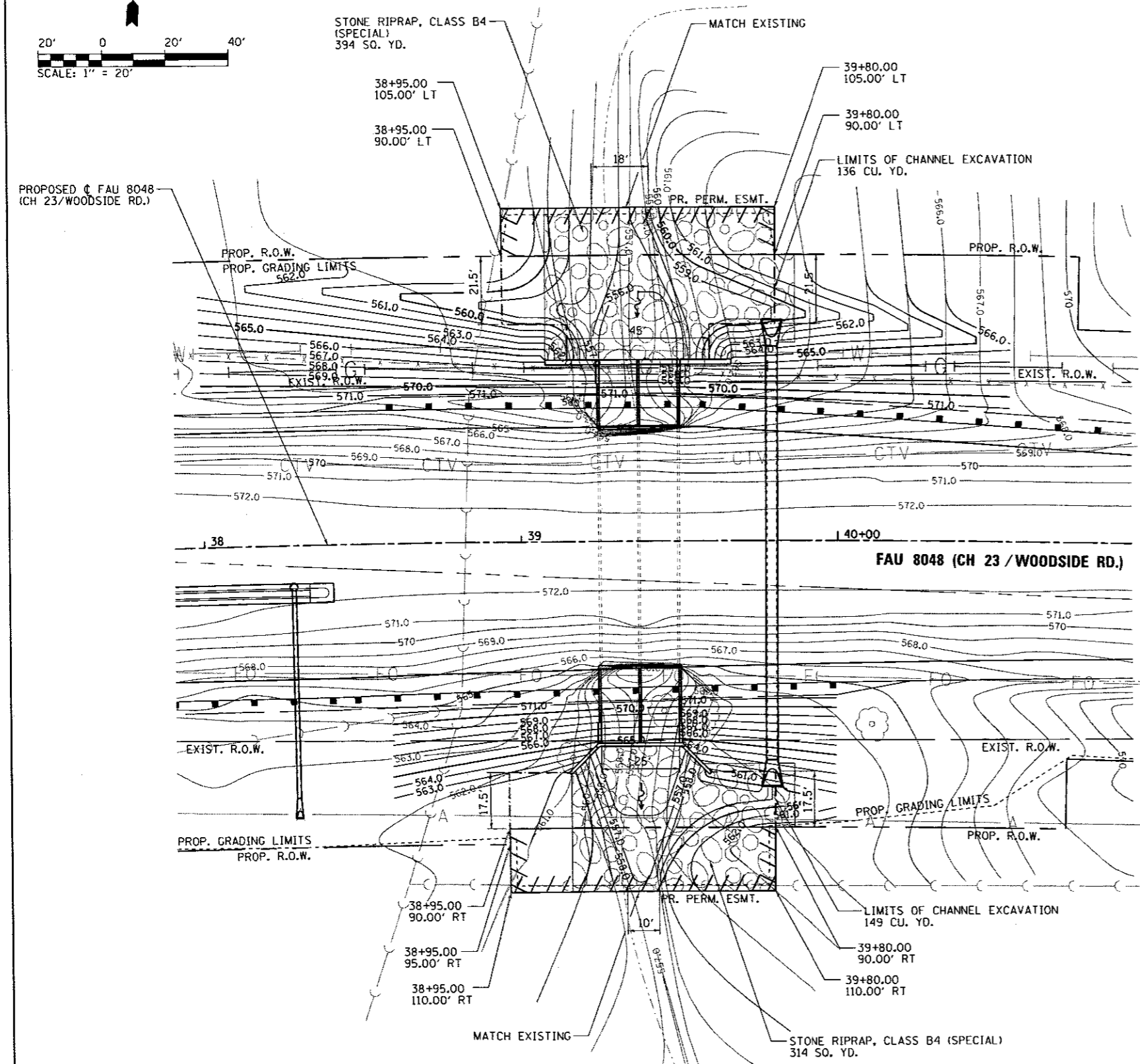


LEGEND	
	STONE RIPRAP, CLASS B3 (SPECIAL)
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED FLOW ARROW

FILE NAME = DG-Sht-Detail-Grading at IL	DRAWER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	GRADING DETAIL AT IL RTE 4 FAU 8048 (CH 23 / WOODSIDE RD.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 6/23/2017 - 4:08:22 PM	CHECKED - KLT	REVISED -			SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 33+50 TO STA. 38+00					
	DATE - 06/23/2017	REVISD -	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 93686					

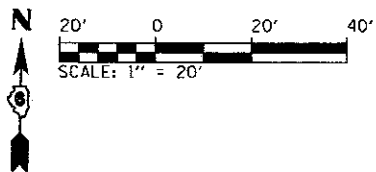


LEGEND	
	STONE RIPRAP, CLASS B4 (SPECIAL)
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED FLOW ARROW

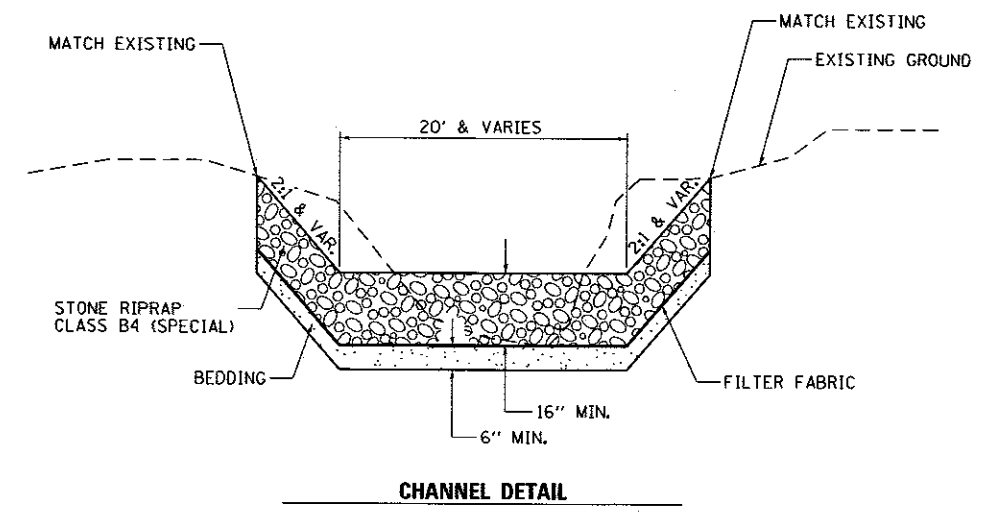
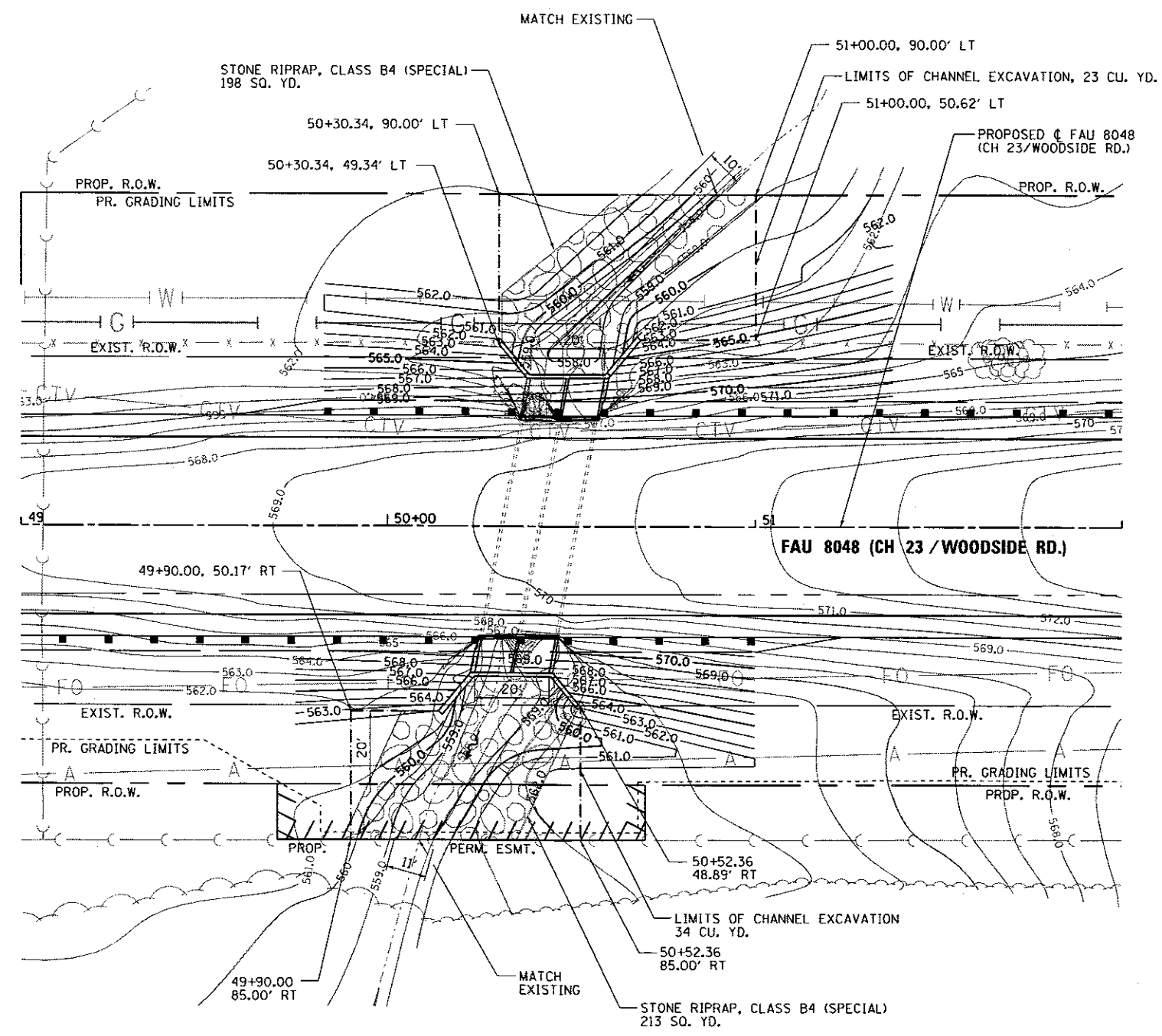


NOTE: CHANNEL EXCAVATION MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

FILE NAME = 06-Sht-Detail-Grading-884-5019	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	GRADING DETAIL AT S.N. 084-5019 FAU 8048 (CH 23 / WOODSIDE RD.)		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLT SCALE = 40.0000' / in.	DRAWN - RAH	REVISED -				8048	07-00090-09-FP	SANGAMON	141	79	
PLOT DATE = 6/23/2017 - 4:08:23 PM	CHECKED - KLT	REVISED -				SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 38+00 TO STA. 41+00		CONTRACT NO. 93686		ILLINOIS FED. AID PROJECT	
PLT DATE = 6/23/2017 - 4:08:23 PM	DATE - 06/23/2017	REVISED -									

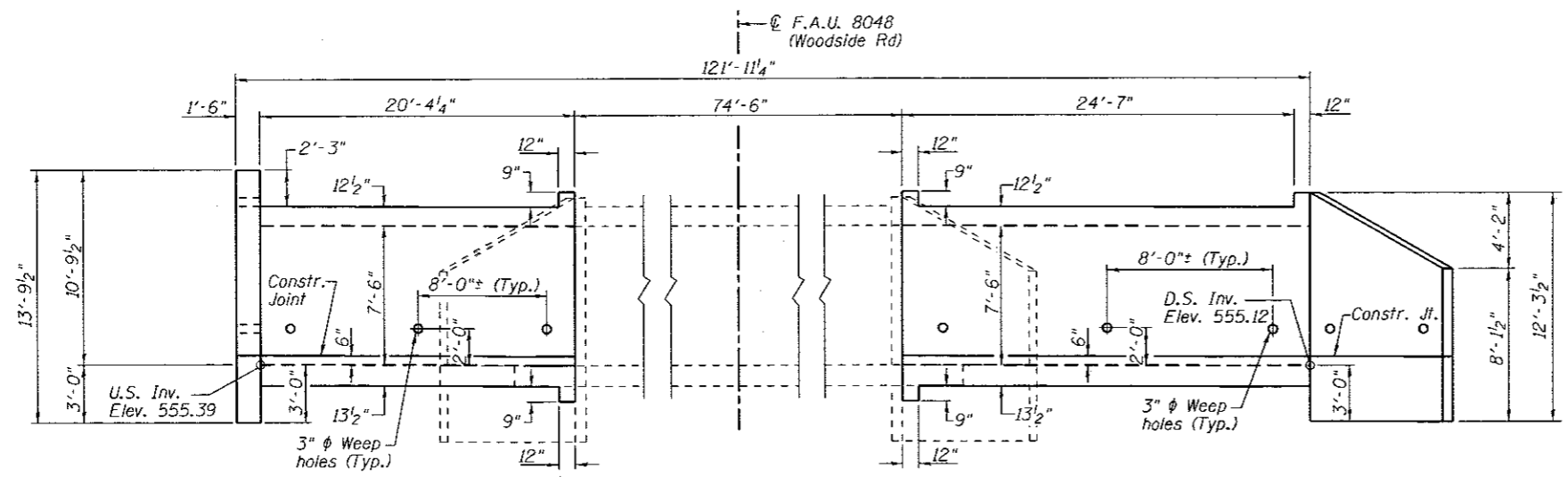


LEGEND	
	STONE RIPRAP, CLASS B4 (SPECIAL)
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED FLOW ARROW

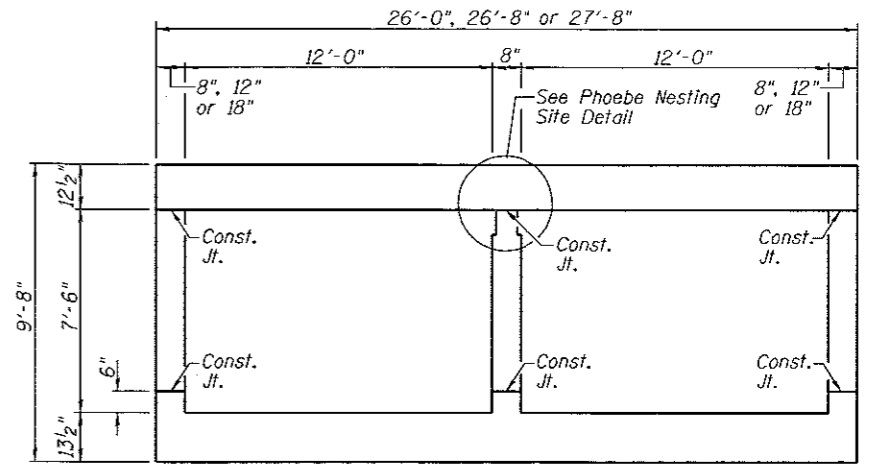


NOTE: CHANNEL EXCAVATION MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

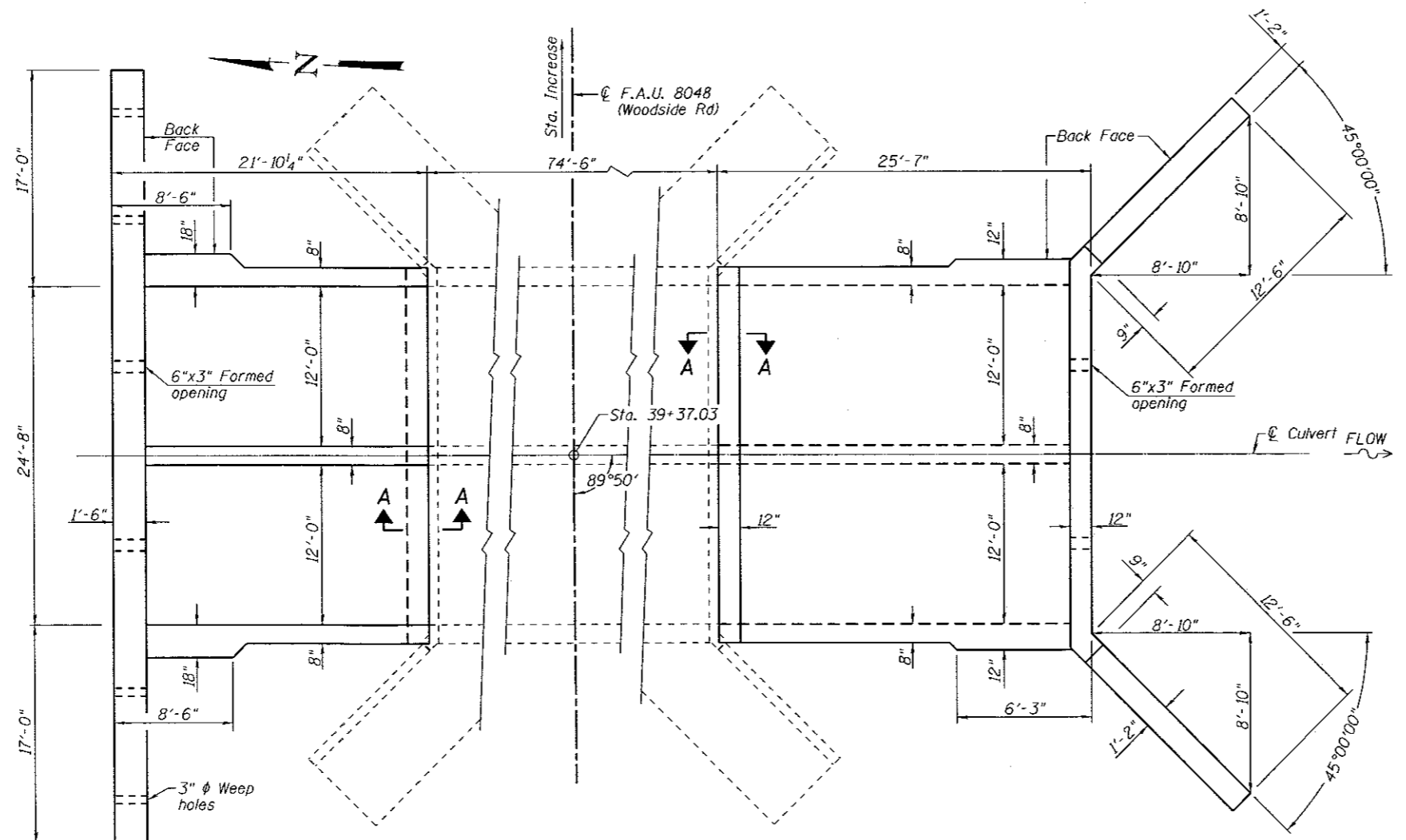
FILE NAME = D6-Sht-Detail-Grading-084-5021	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	GRADING DETAIL AT S.N.084-5021 FAU 8048 (CH 23 / WOODSIDE RD.)		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LI\SangamonCo\1402901\Draw\CA00_Sheets\	DRAWN - RAH	REVISED -		8048	07-00090-09-FP	SANGAMON	141	80		
Default	PLOT SCALE = 40.0000' / in.	CHECKED - KLT		REVISED -	SCALE: 1' = 20'	SHEET 1 OF 1 SHEETS	STA. 49+00	TO STA. 52+00	CONTRACT NO. 93686	
	PLOT DATE = 6/23/2017 - 4:00:23 PM	DATE - 06/23/2017		REVISED -	ILLINOIS FED. AID PROJECT					



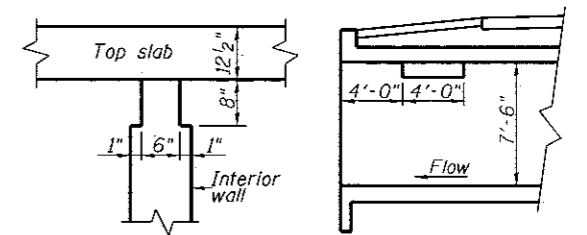
ELEVATION - SHOWING OUTLINES
(N.T.S.)



SECTION THRU BARREL



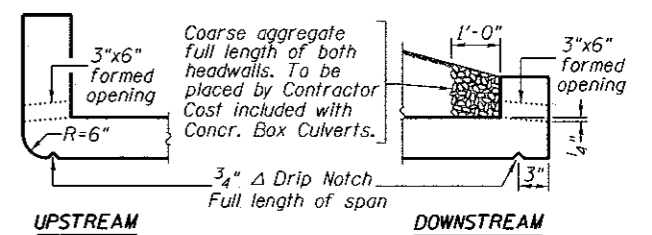
PLAN - SHOWING OUTLINES
(N.T.S.)



NOTCH DETAIL LONGITUDINAL SECTION

PHOEBE NESTING SITE DETAIL

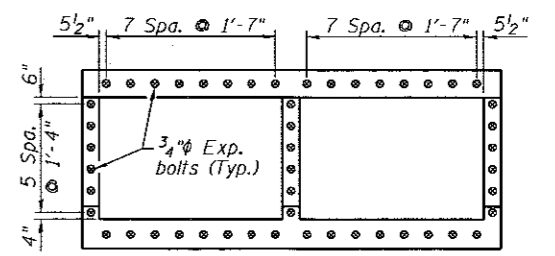
(Near Downstream End)
Note: Notch formed by rough-finished board attached to and removed with formwork.



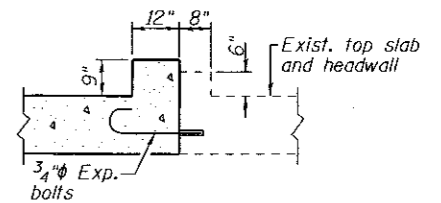
UPSTREAM

DOWNSTREAM

DRAIN DETAIL



ANCHOR BOLT LAYOUT
TOTAL = 100



SECTION A-A



Professional Service Industries, Inc.
480 North Street
Springfield, IL 62704
Telephone: (217) 544-6663
Fax: (217) 544-6148

LOG OF BORING SB-1

Sheet 1 of 1

PSI Job No.: 00201762-1
Project: Woodside Road Expansion
Location: Woodside Road
Springfield, IL

Drilling Method: Hollow Stem Auger
Sampling Method: 2-in SS
Hammer Type: Automatic
Boring Location: See Attached Boring Location Plan

WATER LEVELS
While Drilling 26.0 feet
Upon Completion None
24-hr Delay 14 feet

Elevation (feet)	Depth (feet)	Graphic Log	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	STANDARD PENETRATION TEST DATA		Moisture, %	PL	LL	Additional Remarks				
								N in blows/ft	Strength, tsf								
Station: N/A Offset: N/A																	
Surface Elev.: 571.4 ft																	
570	0				-6" Gravel Base	CS	5-6-7 N=13	21	21	21	X	*	Q _u = 2.7 tsf				
					Stiff, Brown/Gray, Moist, Silty Clay, trace Organics - FILL												
	2		2	18		Fill	4-5-7 N=12	23	23	23	X	*	Q _u = 2.3 tsf				
565	5		3	18			4-6-7 N=13	24	24	24	X	*	Q _u = 2.1 tsf				
					Medium Stiff to Stiff, Dark Gray, Moist to Very Moist, Clayey SILT, trace Organics		6-8-6 N=12	20	20	20	X	*	Q _u = 3.5 tsf				
560	10		4	18	At approximately -11' to 11.5' a layer of F-C Sand and Gravel with Silty Clay												
						ML	4-4-4 N=8	26	26	26	X	*	Q _u = 1.7 tsf				
	6		6	18		ML	2-2-3 N=5	31	31	31	X	*	Q _u = 0.8 tsf				
555	15		7	18		WH-2-2 N=4	31	31	31	X	*	Q _u = 0.8 tsf					
						ML	1-3-4 N=7	27	27	27	X	*	Q _u = 1.0 tsf				
550	20		9	18		ML	2-4-5 N=9	28	28	28	X	*	Q _u = 0.4 tsf				
					Stiff, Gray/Brown, Moist, Clayey SILT		2-2-3 N=5	29	29	29	X	*	Q _u = 0.4 tsf				
545	25		11	18		ML	WH-2-2 N=4	29	29	29	X	*	Q _u = 0.8 tsf				
					Medium Stiff, Gray, Very Moist, Clayey SILT		WH-2-3 N=5	29	29	29	X	*	Q _u = 2.3 tsf				
	30		12	18	Boring Terminated at -30'												

Completion Depth: 30.0 ft
Date Boring Started: 12/9/14
Date Boring Completed: 12/9/14
Logged By: A. Pickerill
Drilling Contractor: PSI, Inc.

Sample Types:
Auger Cutting
Split-Spoon
Rock Core

Shelby Tube
Hand Auger
Calif. Sampler
Texas Cone

Latitude:
Longitude:
Drill Rig:
Remarks:

The stratification lines represent approximate boundaries. The transition may be gradual.



Professional Service Industries, Inc.
480 North Street
Springfield, IL 62704
Telephone: (217) 544-6663
Fax: (217) 544-6148

LOG OF BORING SB-2

Sheet 1 of 1

PSI Job No.: 00201762-1
Project: Woodside Road Expansion
Location: Woodside Road
Springfield, IL

Drilling Method: Hollow Stem Auger
Sampling Method: 2-in SS/3-in ST
Hammer Type: Automatic
Boring Location: See Attached Boring Location Plan

WATER LEVELS
While Drilling 21.0 feet
Upon Completion 14.0 feet
24-hr Delay 14 feet

Elevation (feet)	Depth (feet)	Graphic Log	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	STANDARD PENETRATION TEST DATA		Moisture, %	PL	LL	Additional Remarks				
								N in blows/ft	Strength, tsf								
Station: N/A Offset: N/A																	
Surface Elev.: 570.4 ft																	
570	0				-6" Gravel Base	CS	3-4-9 N=13	18	18	18	X	*	Q _u = 4.5 tsf				
					Stiff, Brown, Slightly Moist, Clayey Silt, trace Gravel												
	2		2	14		Fill	3-5-6 N=11	19	19	19	X	*	Q _u = 2.7 tsf				
565	5		3	10		Fill	12-13-11 N=24	5	5	5	X	*	Q _u = 2.1 tsf				
					Very Stiff, Black, Very Slightly Moist, Silty Clay with Gravel and Asphalt - FILL		500 psi	21	21	21	X	*	DD = 104 pcf LL = 36 PL = 18 Q _u = 2.0 tsf Sr = 95%				
560	10		4	20		CL	1-3-4 N=7	22	22	22	X	*	Q _u = 1.3 tsf				
					Medium Stiff, Gray/Brown, Moist, Silty CLAY, trace Organics and Gravel		1-3-3 N=6	21	21	21	X	*	Q _u = 1.6 tsf				
555	15		6	18		ML	1-1-3 N=4	22	22	22	X	*	Q _u = 1.1 tsf				
					Soft, Brown/Gray, Moist, Clayey SILT		2-1-2 N=3	23	23	23	X	*	Q _u = 0.4 tsf				
550	20		9	14		ML	5-8-10 N=18	31	31	31	X	*	Q _u = 1.4 tsf				
					Very Stiff, Light Brown, Moist, SILT, trace Clay		6-4-6 N=10	23	23	23	X	*	Q _u = 1.4 tsf				
545	25		11	18		ML	6-10-11 N=21	21	21	21	X	*	Q _u = 2.7 tsf				
					Stiff to Very Stiff, Brown/Dark Gray, Moist to Very Moist, Clayey SILT, trace Organics		7-8-14 N=22	19	19	19	X	*	Q _u = 3.5 tsf				
	30		12	18	Boring Terminated at -30'												

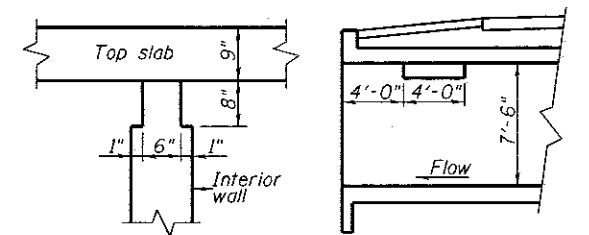
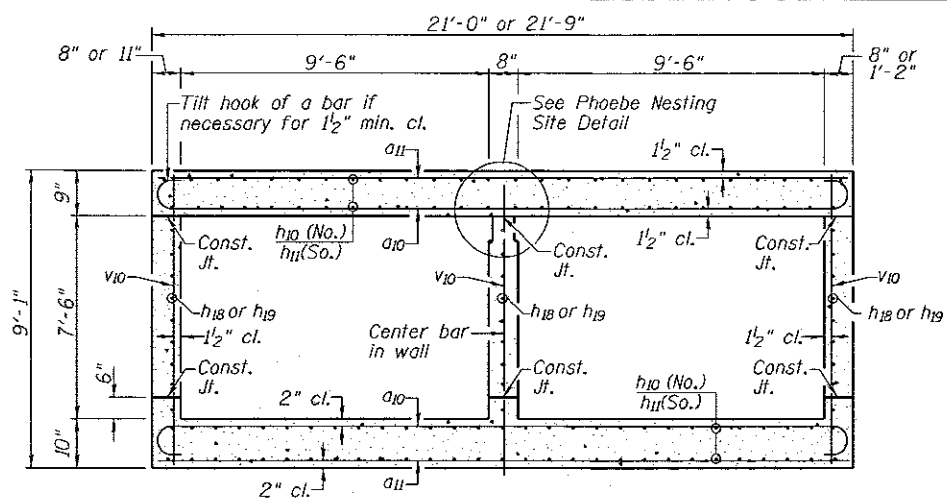
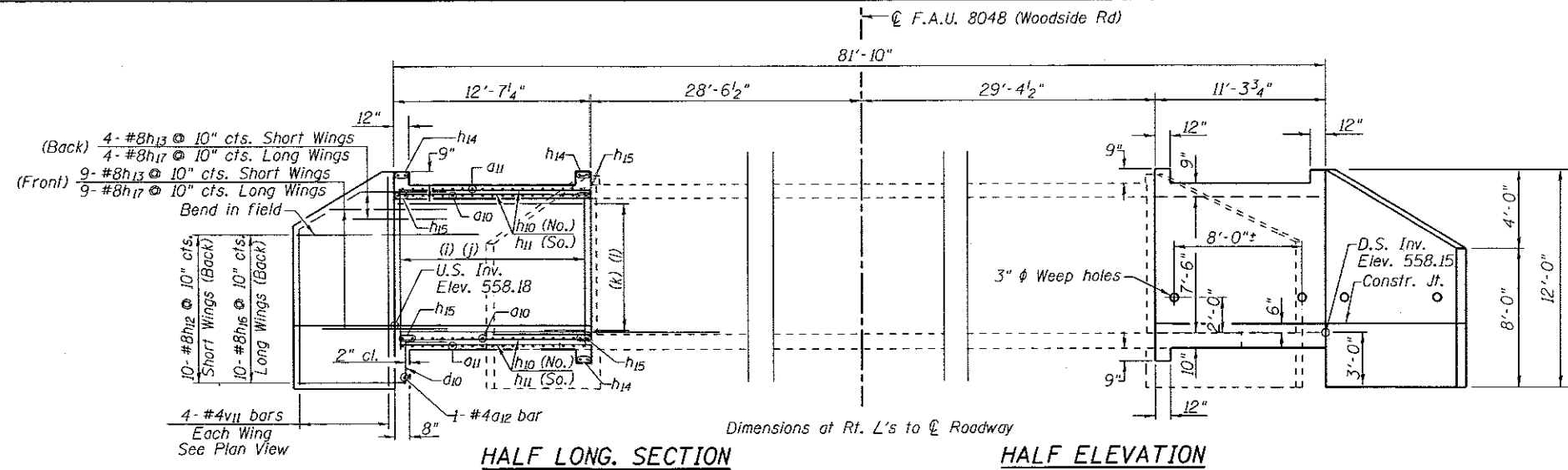
Completion Depth: 30.0 ft
Date Boring Started: 12/4/14
Date Boring Completed: 12/4/14
Logged By: A. Pickerill
Drilling Contractor: Bulldog Drilling

Sample Types:
Auger Cutting
Split-Spoon
Rock Core

Shelby Tube
Hand Auger
Calif. Sampler
Texas Cone

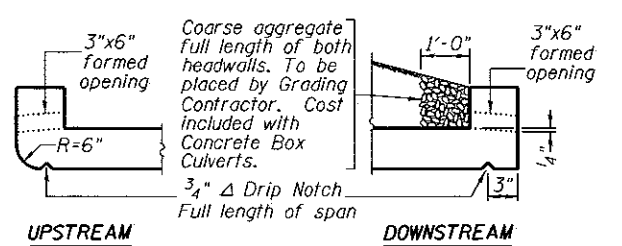
Latitude:
Longitude:
Drill Rig:
Remarks:

The stratification lines represent approximate boundaries. The transition may be gradual.

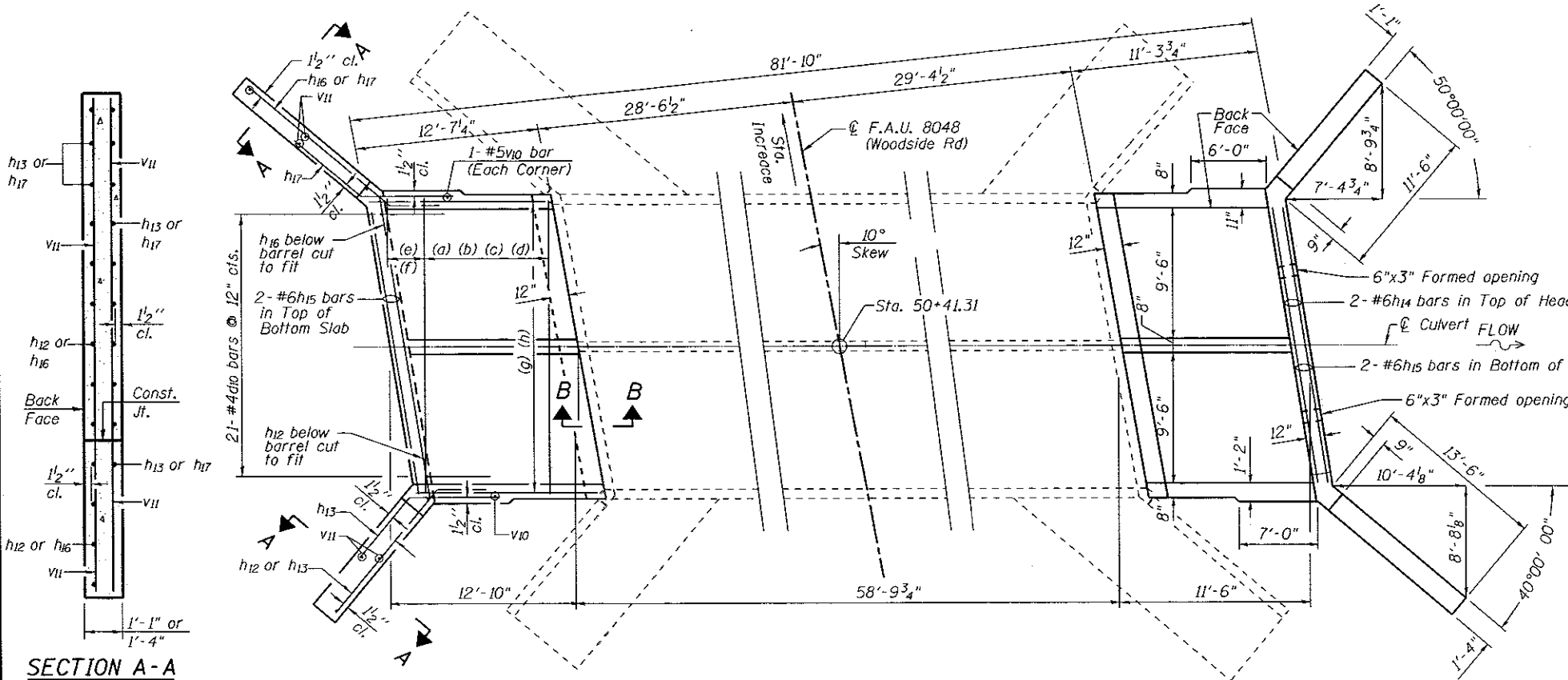


SECTION THRU BARREL
NOTCH DETAIL LONGITUDINAL SECTION
PHOEBE NESTING SITE DETAIL
(Near Downstream End)

Note:
Notch formed by rough-finished board attached to and removed with formwork.



DRAIN DETAIL



SECTION A-A

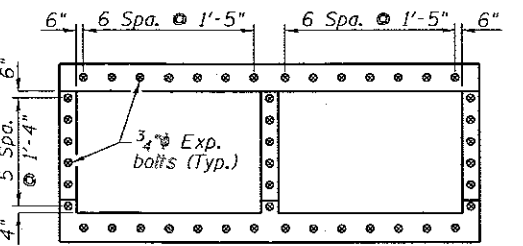
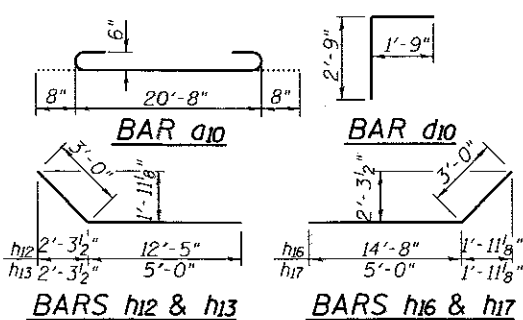
SHOWING REINFORCEMENT

PLAN

SHOWING OUTLINES

- (a) 13-#6a10 bars @ 8" cts. (North extension) Top of Bott. slab & Bott. of Top slab
- (b) 13-#7a11 bars @ 8" cts. (North extension) Bott. of Bott. slab & Top of Top slab
- (c) 12-#6a10 bars @ 8" cts. (South extension) Top of Bott. slab & Bott. of Top slab
- (d) 12-#7a11 bars @ 8" cts. (South extension) Bott. of Bott. slab & Top of Top slab
- (e) 7-#6a10 bars @ 8" cts. (Both Ends) Bott. of Top Slab & Top of Bott. Slab
- (f) 7-#7a11 bars @ 8" cts. (Both Ends) Bott. of Top Slab & Top of Bott. Slab
- (g) 25-#4h10 bars @ 10" cts. (North extension) Each Face Top & Bott. Slab
- (g) 25-#4h11 bars @ 10" cts. (South extension) Each Face Top & Bott. Slab
- (i) 39-#5v10 bars @ 12 cts. (North extension) 13 in each wall
- (j) 36-#5v10 bars @ 9" cts. (South extension) 12 in each wall
- (k) 27-#4h18 bars @ 10" cts. (North extension) 9 in each wall
- (l) 27-#4h19 bars @ 10" cts. (South extension) 9 in each wall

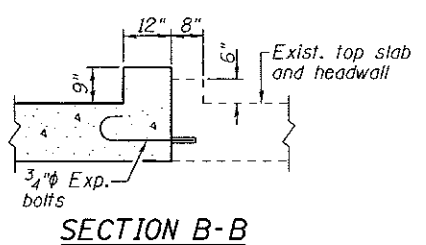
* a10 and a11 bars in skew portion of slab shall be ordered full length and cut to fit. Balance of bar to be used in opposite end of each culvert extension.



ANCHOR BOLT LAYOUT
TOTAL = 92

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10	78	#6	22'-0"	U
a11	78	#7	20'-8"	U
a12	2	#4	21'-9"	—
d10	42	#4	4'-6"	—
h10	100	#4	12'-6"	—
h11	100	#4	11'-2"	—
h12	20	#8	15'-5"	—
h13	26	#8	8'-0"	—
h14	12	#6	21'-9"	—
h15	16	#6	21'-9"	—
h16	20	#8	17'-8"	—
h17	26	#8	8'-0"	—
h18	27	#4	12'-5"	—
h19	27	#4	11'-2"	—
v10	79	#5	8'-9"	—
v11	16	#4	11'-8"	—
Concrete Box Culverts		Cu. Yd.	74.7	
Reinforcement Bars		Pound	12,550	



SECTION B-B



Professional Service Industries, Inc.
480 North Street
Springfield, IL 62704
Telephone: (217) 544-6663
Fax: (217) 544-6148

LOG OF BORING SB-3

Sheet 1 of 1

PSI Job No.: 00201762-1	Drilling Method: Hollow Stem Auger	WATER LEVELS	
Project: Woodside Road Expansion	Sampling Method: 2-in SS/3-in ST	While Drilling	21.0 feet
Location: Woodside Road Springfield, IL	Hammer Type: Automatic	Upon Completion	N/A
	Boring Location: See Attached Boring Location Plan	24-hr Delay	12 feet

Elevation (feet)	Depth (feet)	Graphic Log	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS) Push Pressure (ST)	STANDARD PENETRATION TEST DATA		Moisture, %	PL	LL	Additional Remarks
								N in blows/ft @	STRENGTH, tsf				
Surface Elev.: 568.4 ft													
0	0	6" Gravel Base				CS							
565	14	Stiff, Brown/Gray, Slightly Moist, Gravel, Sand and Cinders in a Silty Clay Matrix - FILL	1	14		FH	2-4-5 N=9	12	Q = 1.3 tsf				
560	16	Stiff, Brown/Gray, Slightly Moist, Silty Clay - FILL	2	16		FH	3-5-7 N=12	19	Q = 2.1 tsf				
555	18	Medium Stiff, Dark Brown, Very Moist to Saturated, Silty Clay, trace Organics - FILL	3	18		FH	2-1-4 N=5	32	Q = 1.6 tsf				
550	18	Medium Stiff, Black, Moist, Silty CLAY	4	18		CL	1-2-3 N=5	27	Q = 1.6 tsf				
545	18	Medium Stiff, Dark Gray to Gray/Brown, Moist, Silty CLAY	5	18		CL	1-2-3 N=5	25	Q = 1.6 tsf				
540	17		6	17		CL	500 psi	26	Q = 1.2 tsf	DD = 100 pct LL = 41 PL = 21 Q _u = 1.2 tsf Sr = 100%			
535	18	Medium Stiff, Gray/Brown, Moist, Silty CLAY	7	18		CL	1-2-2 N=4	27	Q = 1.1 tsf				
530	18		8	18		CL	1-3-2 N=5	28	Q = 1.6 tsf				
525	18	Very Soft, Dark Gray, Saturated, Clayey SILT, trace Organics	9	18		WH-1-2	N=3	45					
520	18		10	18		WH-WH-1		43					
515	18		11	18		ML	WH-WH-2	37					
510	18		12	18		ML	WH-WH-2	36					
505	18		13	18		ML	WH-WH-3	30	Q = 0.2 tsf				
500	18	Soft, Gray/Black, Very Moist, SILT, with F-C Sand and Coal Fragments	14	18		ML	1-2-1 N=3	28	Q = 0.6 tsf				
Boring Terminated at -35'													

Completion Depth: 35.0 ft	Sample Types: Shelby Tube	Latitude: 39° 45' 00" N
Date Boring Started: 12/4/14	Auger Cutting	Longitude: 89° 45' 00" W
Date Boring Completed: 12/4/14	Split-Spoon	Drill Rig: 1000
Logged By: A. Pickerill	Rock Core	Remarks:
Drilling Contractor: Bulldog Drilling	Hand Auger	
	Calif. Sampler	
	Texas Cone	

The stratification lines represent approximate boundaries. The transition may be gradual.



Professional Service Industries, Inc.
480 North Street
Springfield, IL 62704
Telephone: (217) 544-6663
Fax: (217) 544-6148

LOG OF BORING SB-4

Sheet 1 of 1

PSI Job No.: 00201762-1	Drilling Method: Hollow Stem Auger	WATER LEVELS	
Project: Woodside Road Expansion	Sampling Method: 2-in SS	While Drilling	23.5 feet
Location: Woodside Road Springfield, IL	Hammer Type: Automatic	Upon Completion	9.25 feet
	Boring Location: See Attached Boring Location Plan	24-hr Delay	12 feet

Elevation (feet)	Depth (feet)	Graphic Log	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS) Push Pressure (ST)	STANDARD PENETRATION TEST DATA		Moisture, %	PL	LL	Additional Remarks
								N in blows/ft @	STRENGTH, tsf				
Surface Elev.: 572.4 ft													
0	0	6" Gravel Base				CS							
570	12	Medium Stiff to Very Stiff, Brown/Gray/Black, Slightly Moist to Moist, Silty Clay to Clayey Silt, trace Organics and Gravel - Cinders and Slag at 13.5'-15' - FILL	1	12		FH	3-3-6 N=9	19	Q = 4.9 tsf				
565	13		2	13		FH	3-5-7 N=12	21	Q = 2.6 tsf				
560	15		3	15		FH	3-11-13 N=24	19	Q = 1.6 tsf				
555	16		4	16		FH	2-6-10 N=16	19	Q = 1.9 tsf				
550	16		5	16		FH	4-3-3 N=6	13	Q = 1.6 tsf				
545	18	Medium Stiff, Brown/Gray, Moist, Silty CLAY, trace Gravel	6	18		CL	1-2-3 N=5	28	Q = 0.4 tsf				
540	18		7	18		CL	WH-2-3 N=5	20	Q = 1.6 tsf				
535	18	Very Soft to Soft, Brown, Moist, Sandy Silty CLAY, trace Gravel	8	18		WH-1-2	N=3	21	Q = 0.4 tsf				
530	18	At 21' - 21.3' Lense of F-C Sand and Gravel	9	18		CL	WH-WH-WH	24	Q = 0.6 tsf				
525	18		10	18		ML	5-6-7 N=13	18	Q = 1.6 tsf				
520	18	Stiff, Brown, Slightly Moist, Clayey SILT	11	18		ML	3-6-12 N=18	29	Q = 2.5 tsf				
515	18	Very Stiff, Gray/Dark Brown, Very Moist, Clayey SILT, trace Organics	12	18		CL	2-4-7 N=11	21	Q = 2.4 tsf				
510	18	Stiff, Dark Gray, Moist, Silty CLAY, trace Gravel		18		CL							
Boring Terminated at -30'													

Completion Depth: 30.0 ft	Sample Types: Shelby Tube	Latitude: 39° 45' 00" N
Date Boring Started: 12/4/14	Auger Cutting	Longitude: 89° 45' 00" W
Date Boring Completed: 12/4/14	Split-Spoon	Drill Rig: 1000
Logged By: A. Pickerill	Rock Core	Remarks:
Drilling Contractor: Bulldog Drilling	Hand Auger	
	Calif. Sampler	
	Texas Cone	

The stratification lines represent approximate boundaries. The transition may be gradual.

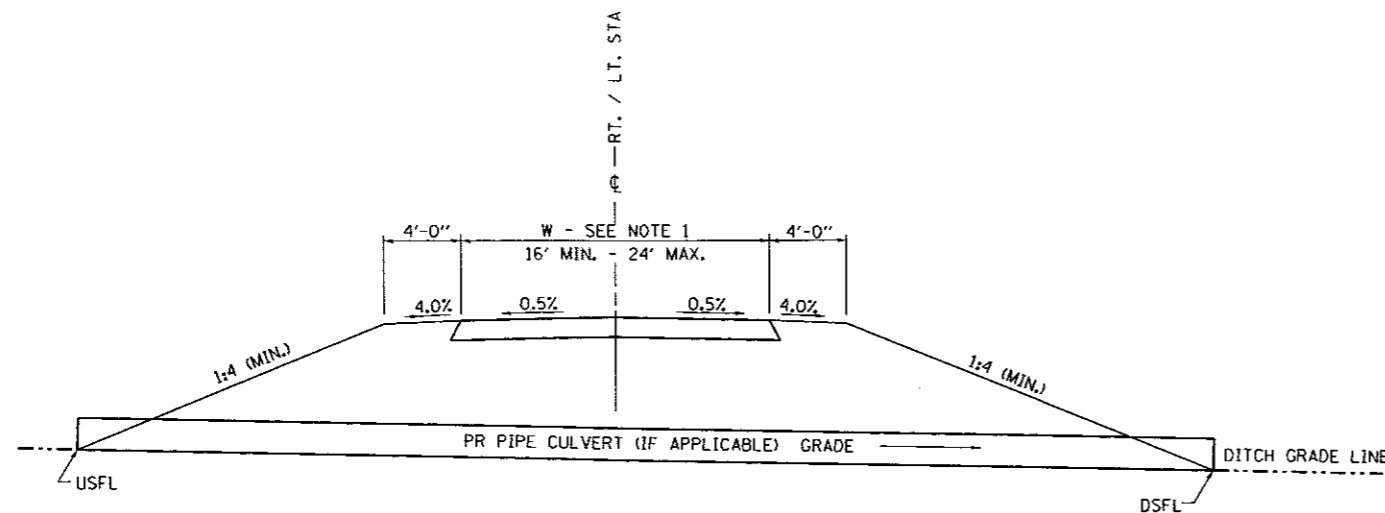
FILE NAME = D6-Shr-Box Culvert-9.5x7.5-5-14	DESIGNED - JEL	REVISED -
USER NAME = Matt Overbey	DRAWN - GLD	REVISED -
PROJECT NAME = Woodside Road Expansion	CHECKED - KLT	REVISED -
PLOT SCALE = 16,000 / in.	DATE - 06/23/2017	REVISED -
PLOT DATE = 6/23/2017 - 4:08:31 PM		

SANGAMON COUNTY HIGHWAY DEPARTMENT

BORINGS	
STRUCTURE NO. 084-5021	
SCALE:	SHEET 3 OF 3 SHEETS STA. TO STA.

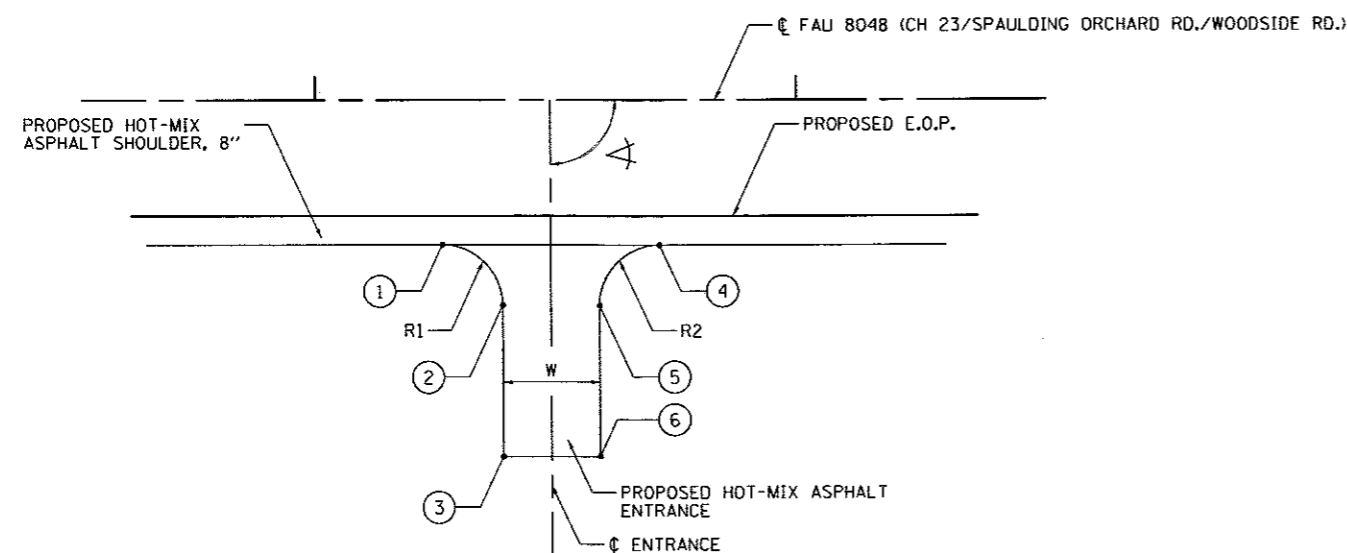
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	87
CONTRACT NO. 93686			ILLINOIS FED. AID PROJECT	

ENTRANCE STATION	PROPOSED ENTRANCE CONTROL POINTS												W	R 1	R 2	∠
	①		②		③		④		⑤		⑥					
	STATION	OFFSET	STATION	OFFSET	STATION	OFFSET	STATION	OFFSET	STATION	OFFSET	STATION	OFFSET				
STA. 30+14.49	29+90.00	25.39' RT	30+04.42	40.33' RT	30+04.42	43.62' RT	30+32.42	26.60' RT	30+17.17	41.54' RT	30+17.16	44.70' RT	13'	15'	15'	85° 09' 34"
STA. 30+34.39	30+16.00	20.42' LT	30+25.54	28.25' LT	30+27.17	36.01' LT	30+55.40	21.68' LT	30+40.21	32.90' LT	30+39.29	36.40' LT	12'	10'	15'	88° 10' 41"
STA. 32+23.85	32+02.35	26.33' LT	32+17.25	41.78' LT	32+17.02	49.94' LT	32+42.22	27.04' LT	32+29.40	41.51' LT	32+29.21	49.05' LT	12'	15'	15'	89° 09' 43"
STA. 32+69.97	32+42.22	27.04' LT	32+54.48	44.28' LT	32+54.01	47.11' LT	32+82.90	27.00' LT	32+68.02	39.11' LT	32+66.62	46.06' LT	12'	15'	15'	78° 47' 18"
STA. 52+93.77	52+85.68	30.00' RT	52+99.78	39.87' RT	53+02.85	48.32' RT	53+27.47	30.00' RT	53+18.07	43.42' RT	53+19.85	48.31' RT	17'	15'	10'	70° 00' 00"
STA. 54+86.12	54+65.12	30.00' RT	54+75.12	40.00' RT	54+75.12	48.21' RT	55+07.12	30.00' RT	54+97.12	40.00' RT	54+97.12	48.19' RT	22'	10'	10'	90° 00' 00"



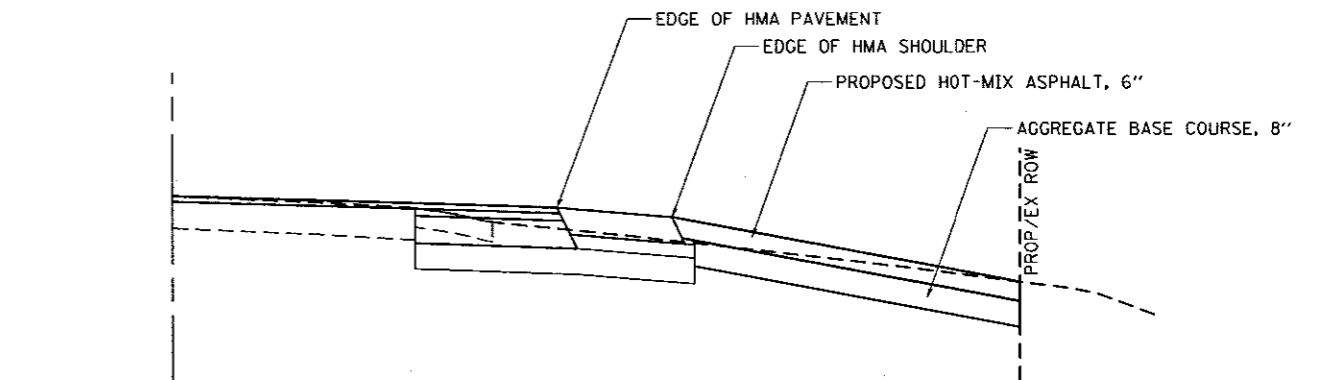
ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

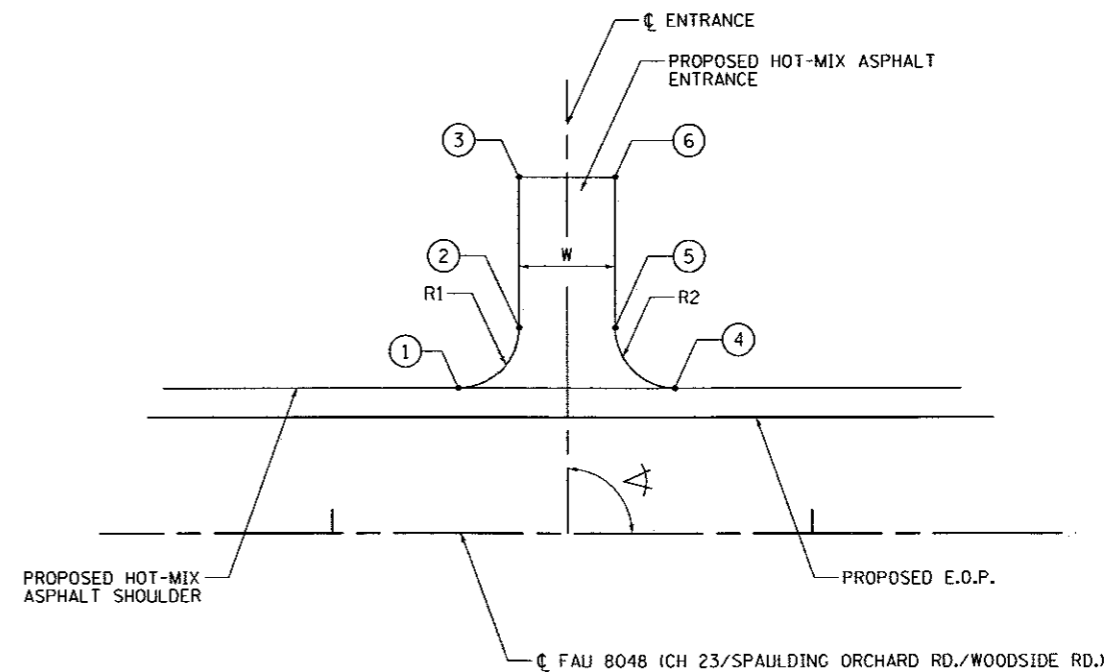


ENTRANCE DETAIL

SOUTHSIDE OF F.A.U. 8048 (CH 23/SPAULDING ORCHARD RD./WOODSIDE RD.)



ENTRANCE SECTION



ENTRANCE DETAIL

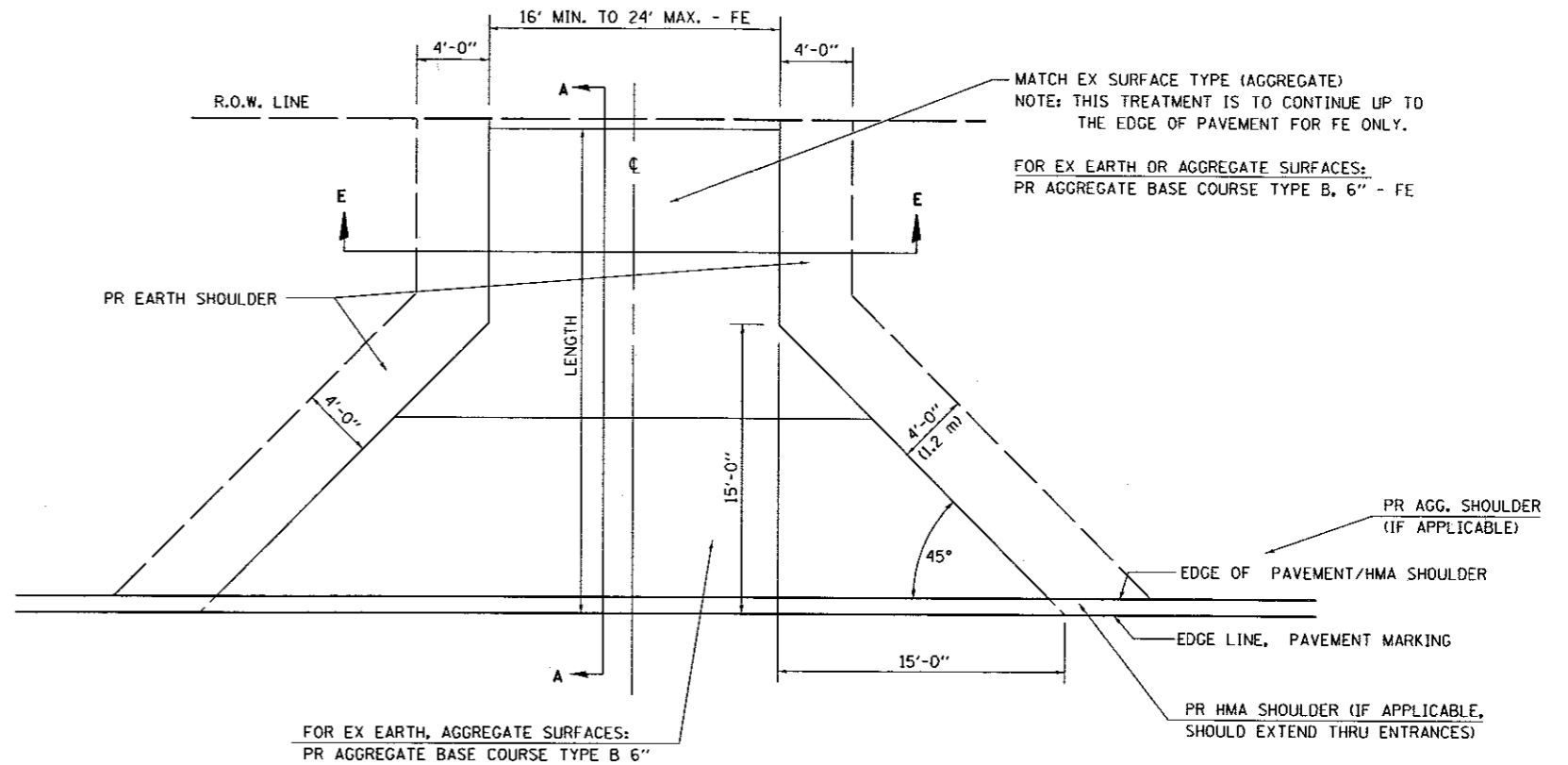
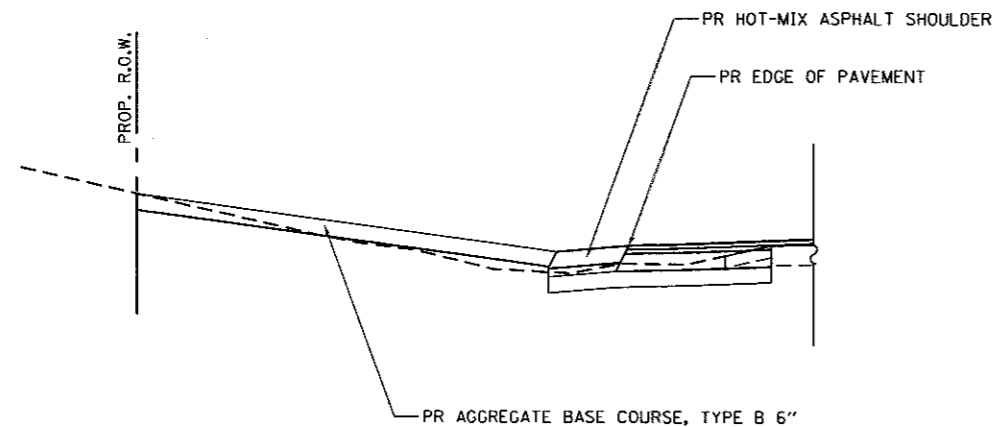
NORTHSIDE OF F.A.U. 8048 (CH 23/SPAULDING ORCHARD RD./WOODSIDE RD.)

FILE NAME = D6-Sht-Detail-Entrance Priv	DESIGNED -	REVISED -
USER NAME = Matt Overbey	DRAWN -	REVISED -
PLT SCALE = 48.0000' / 1"	CHECKED - KLT	REVISED -
DATE = 06/23/2017 - 4:08:32 PM	DATE - 06/23/2017	REVISED -

**SANGAMON COUNTY
HIGHWAY DEPARTMENT**

ENTRANCE DETAIL			
FAU 8048 (CH 23 / WOODSIDE RD.)			
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA. N/A	TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	88
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93686	



FOR EX EARTH, AGGREGATE SURFACES:
PR AGGREGATE BASE COURSE TYPE B 6"

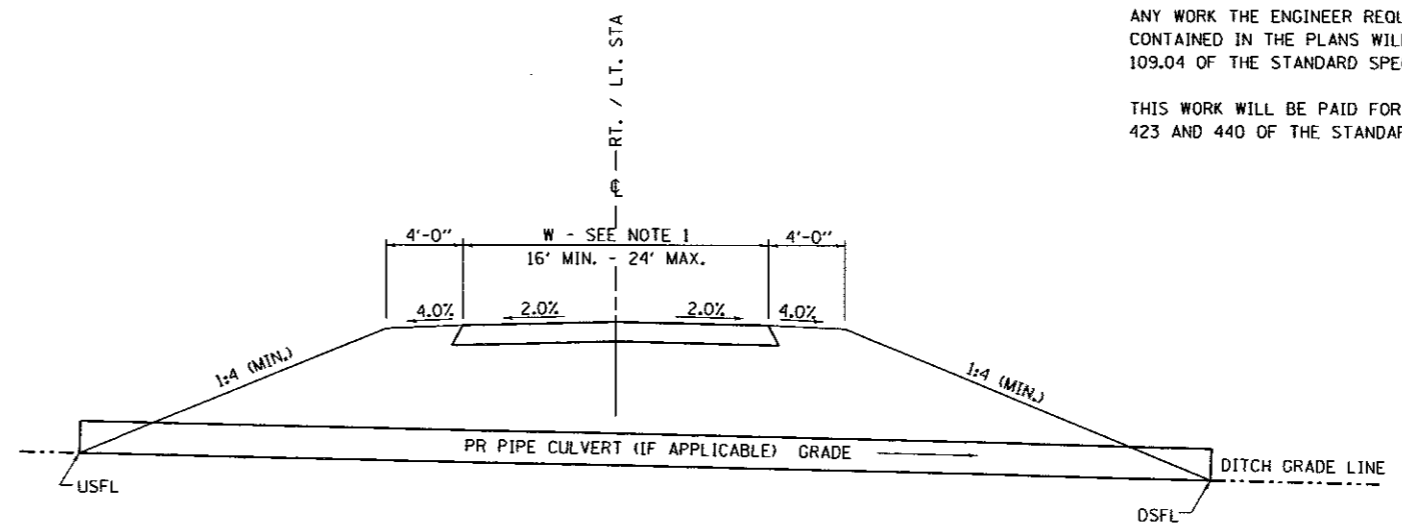
GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.



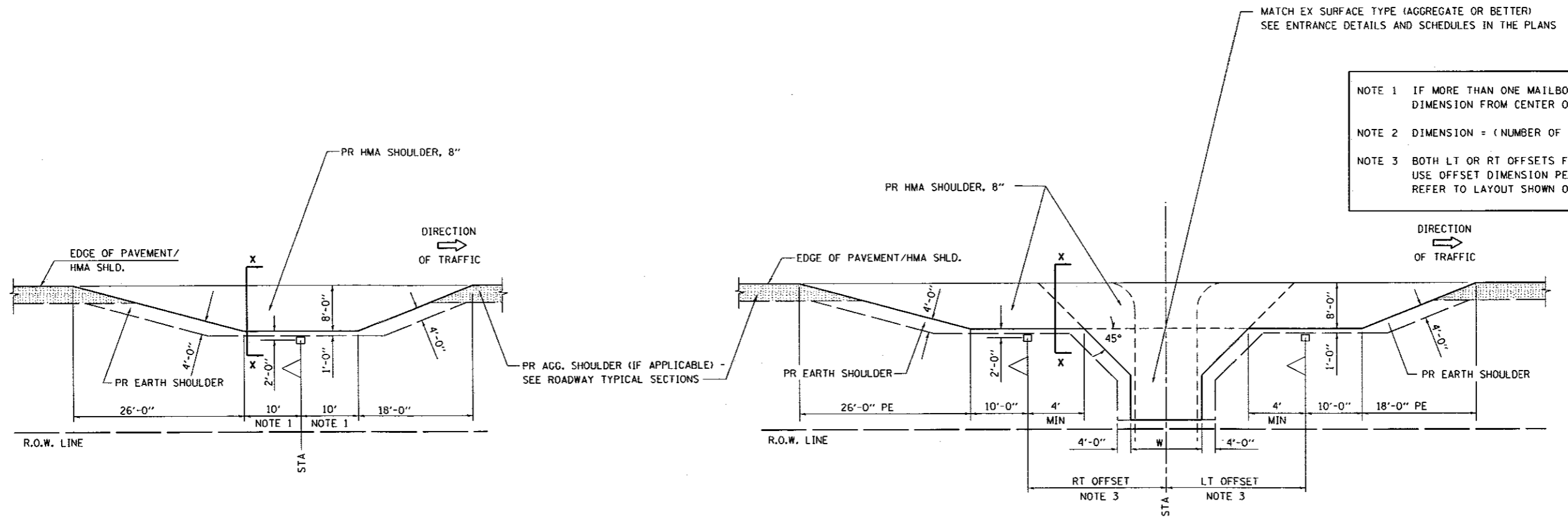
SECTION E - E ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

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

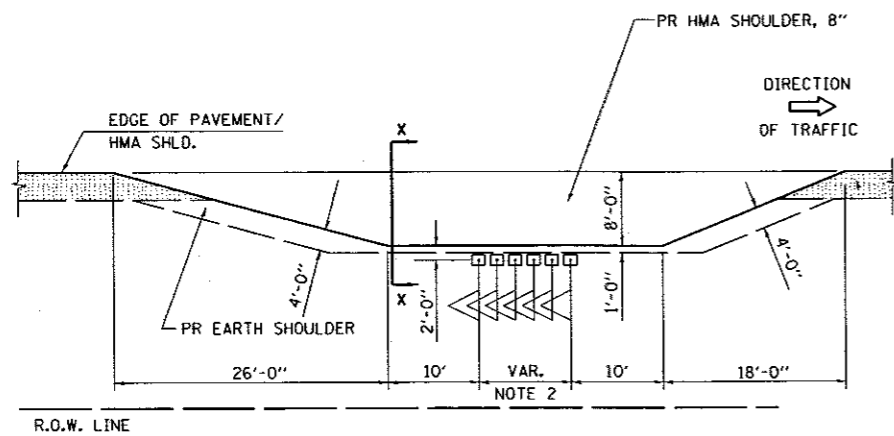
FILE NAME = 06-Sht-Detail-Entrance Field	DRAWN -	DESIGNED -	REVISOR -	SANGAMON COUNTY HIGHWAY DEPARTMENT	FIELD ENTRANCE DETAIL FAU 8048 (CH 23 / WOODSIDE RD.)			F.A.U. RTE. 8048	SECTION 07-00090-09-PP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 89
L:\SangamonCo\1402901\Draw\CA000_Sheets	CHECKED - KLT	DATE - 06/23/2017	REVISOR -		SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 93686			
PLLOT SCALE = 40.0000' / in.	DATE - 06/23/2017	REVISOR -	REVISOR -		ILLINOIS FED. AID PROJECT							
PLLOT DATE = 6/23/2017 - 4:08:33 PM	DATE - 06/23/2017	REVISOR -	REVISOR -									

DETAILS OF MAILBOX TURNOUTS

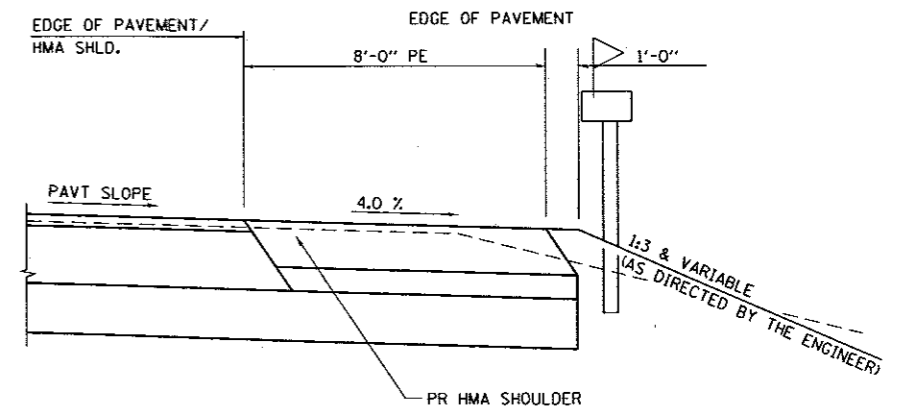


PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



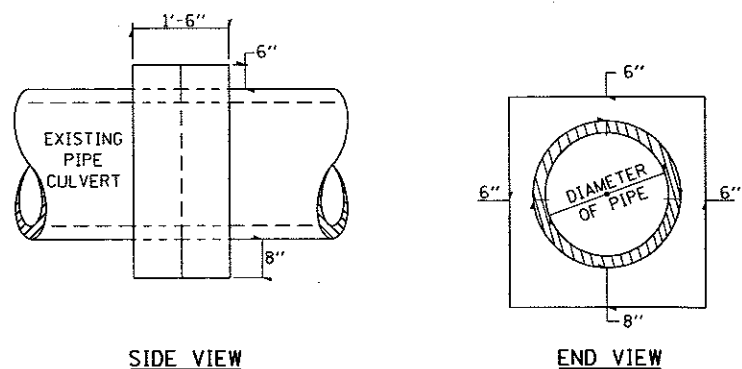
PLAN - RURAL MULTIPLE MAILBOX TURNOUT



SECTION X-X THRU MAILBOX TURNOUT

FILE NAME = D6-Sht-Detail-Mailbox Turnout	DRAWN NAME = Matt Overbey	DESIGNED - MJO	REVISED -	SANGAMON COUNTY HIGHWAY DEPARTMENT	DETAIL FOR RURAL ENTRANCE & MAILBOX TURNOUT FAU 8048 (CH 23 / WOODSIDE RD.)		F.A.U. RTE. 8048	SECTION 07-00090-09-FP	COUNTY SANGAMON	TOTAL SHEETS 141	SHEET NO. 90
L:\SangamonCo\1402901\Draw\CADD_Sheets		DRAWN - MJO	REVISED -		SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA. N/A	TO STA. N/A		ILLINOIS FED. AID PROJECT	
Default		CHECKED - KLT	REVISED -							CONTRACT NO. 93686	
		DATE - 06/23/2017	REVISED -								

DETAILS OF CONCRETE COLLAR
PIPE TO PIPE

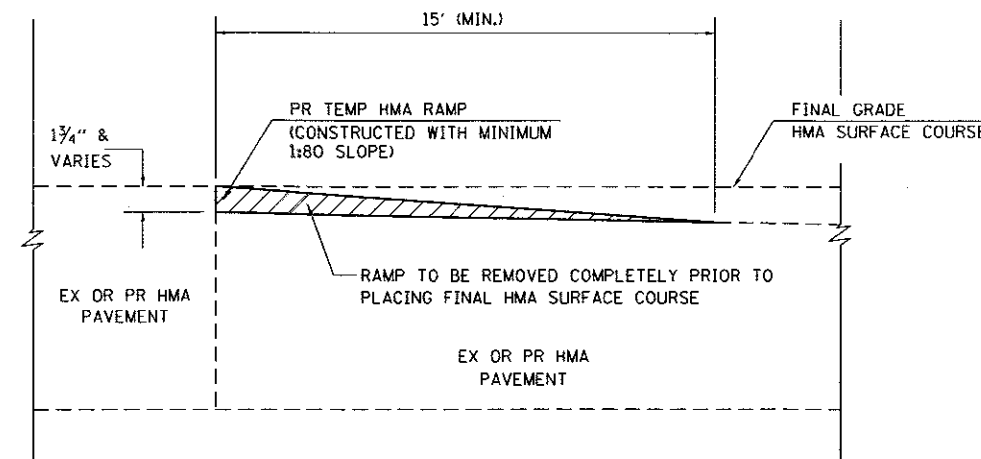


TABULATION

DIAMETER OF PIPE	CL SI CONC CU YDS EST
6"	0.13
8"	0.15
10"	0.18
12"	0.24
15"	0.29
18"	0.32
24"	0.44
30"	0.56
36"	0.66
42"	0.80
48"	0.93
54"	1.07
60"	1.22
72"	1.55

THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS THE EXISTING HEADWALLS AS MAY BE REQUIRED.
CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

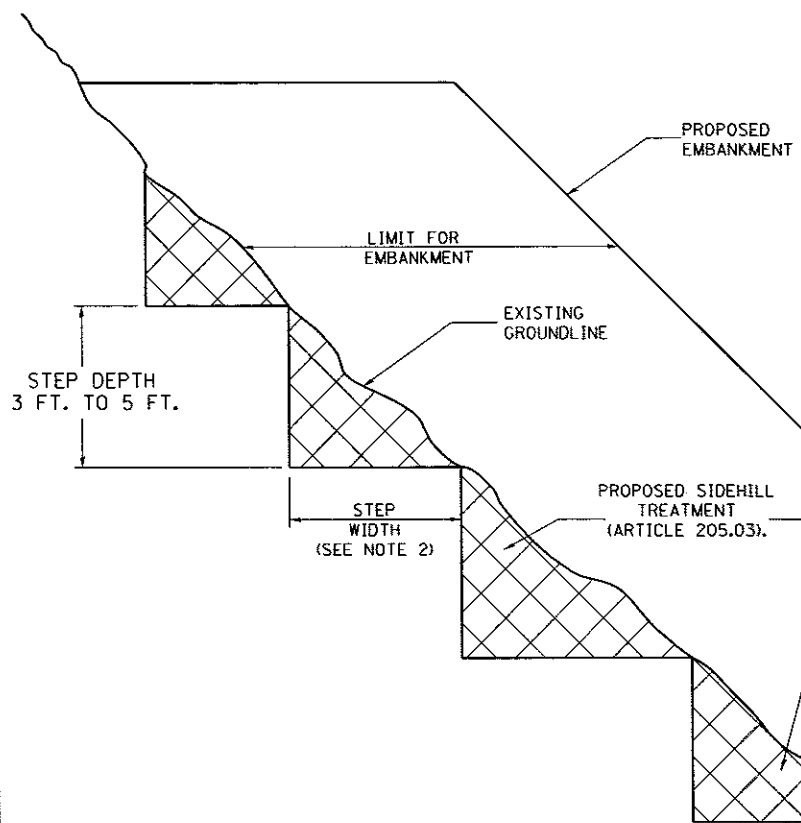
TEMPORARY RAMPS



LOCATIONS: AS REQUIRED BY THE ENGINEER FOR MAINTENANCE OF TRAFFIC OPERATIONS, IN ADDITION TO THE LOCATIONS AS SPECIFIED WITHIN THE MAINTENANCE OF TRAFFIC STAGING PLANS.

SLOPE STEPS DETAIL

TYPICAL CROSS-SECTION EMBANKMENT CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

- Slope Steps will be required for all 12(300) minimum thickness "sliver fills" and on a fills with a height of 10'(3.0m).
- The Step width shall be twice the Step depth but not less than 6 feet.
- Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.
- Location(s) for slope step treatment shall be designated by the Resident Engineer.
- Excavation for steps and the embankment required for replacement will not be measured separately for payment, but will be included in the cost per cubic yard for earth excavation.

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

REPLACEMENT MATERIAL:

STANDARD EMBANKMENT (IN ACCORDANCE WITH 205 OF THE STANDARD SPECIFICATION).

FILE NAME = 06-Sht-Detail-Concrete Collar	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
L:\SangamonCo\1482981\Draw\CADD_Sheets		DRAWN - MJO	REVISED -
		CHECKED - KLT	REVISED -
		DATE - 06/23/2017	REVISED -

SANGAMON COUNTY HIGHWAY DEPARTMENT

DETAIL FOR CONCRETE COLLAR, TEMPORARY RAMPS, SLOPE STEPS AND COMBINATION LIGHTING CONTROLLER
FAU 8048 (CH 23 / WOODSIDE RD.)

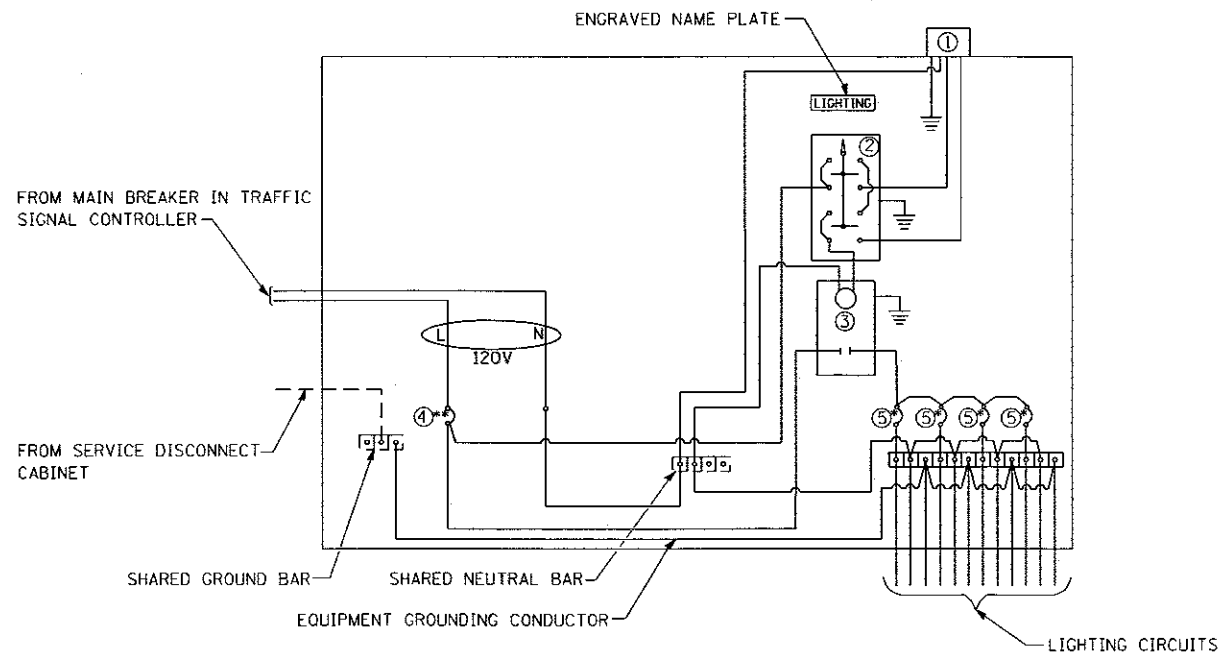
SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

LEGEND

- Ground connected to shared ground bar.
 - Indicates shared with traffic signal controller equipment.
 - ① Photocell with integral surge arrester.
 - ② HAND-OFF-AUTO selector switch.
 - ③ 30 amp, 1 pole electrically held contactor.
 - ④ 20 amp, 1 pole, circuit breaker
 - ⑤ 15 amp, 1 pole, branch breaker
- * Quantity of branch breakers shall depend on the combination lighting circuit diagram or as directed by the engineer.
** Size larger as needed.

GENERAL NOTES

- All control installation components shall be U.L. listed.
- All wiring shall be neatly dressed, identified by tags, and supported.
- The circuit breaker shall be clearly labeled for lighting according to Article 1068.01(f) of the Standard Specifications.
- Install under eave photocell on traffic signal controller cabinet per Article 1068.01(e)(2) of the Standard Specifications.
- All lighting equipment shall be installed on a side mounted insulated subpanel per Article 1068.01(e)(9) of the Standard Specifications on the lower right hand side of the traffic signal controller or as directed by the engineer.
- Provide an engraved stainless steel nameplate on the sub panel reading "LIGHTING".

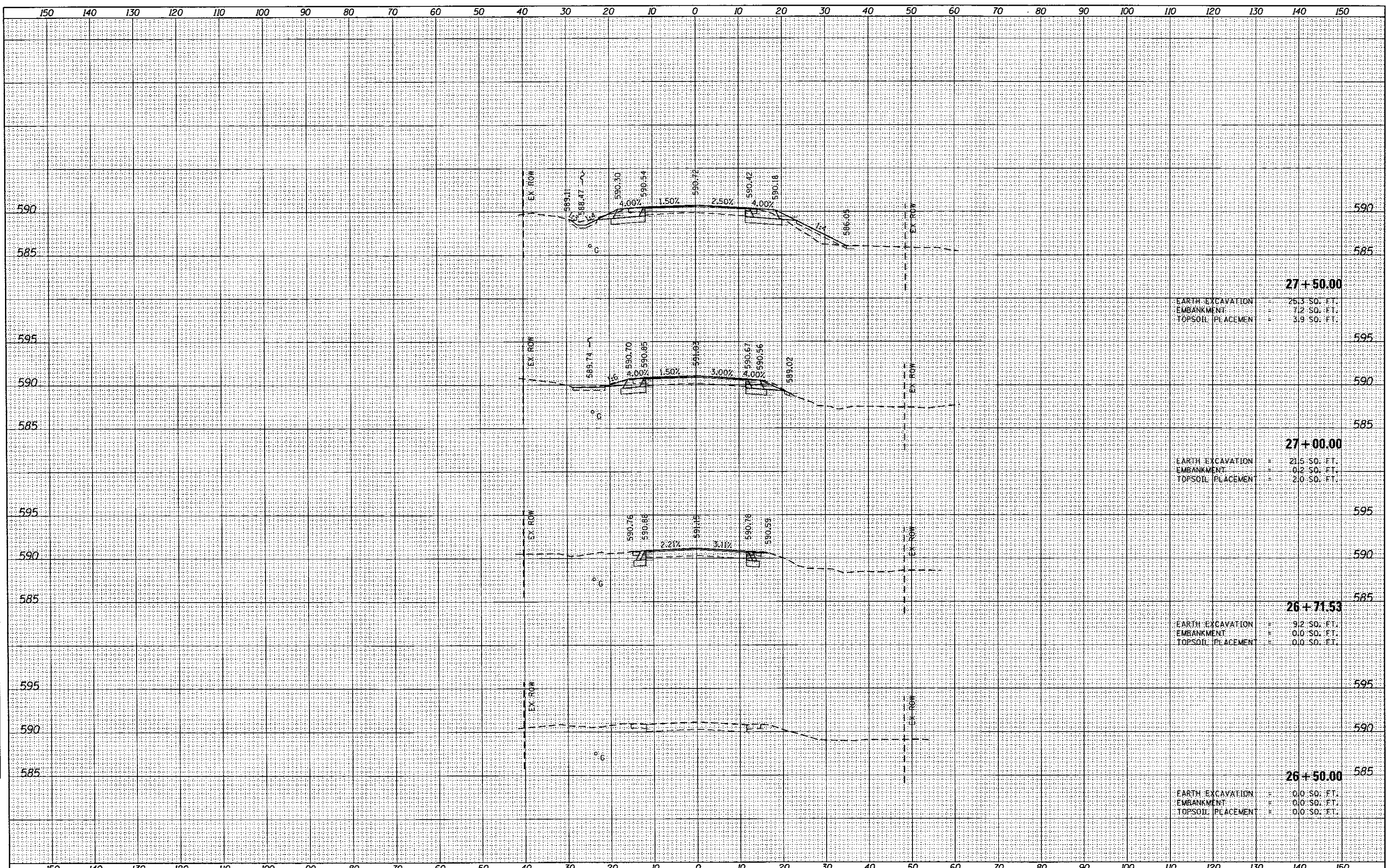


COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

DATE		REVISIONS		COMBINATION LIGHTING CONTROLLER DETAIL
10/13/14		NEW DETAIL		
01/07/17		CHANGE MAIN CB TO 20A		
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-FP	SANGAMON	141	91
				CONTRACT NO. 93686
ILLINOIS FED. AID PROJECT				

DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



27+50.00
 EARTH EXCAVATION = 25.3 SO. FT.
 EMBANKMENT = 7.2 SO. FT.
 TOPSOIL PLACEMENT = 3.9 SO. FT.

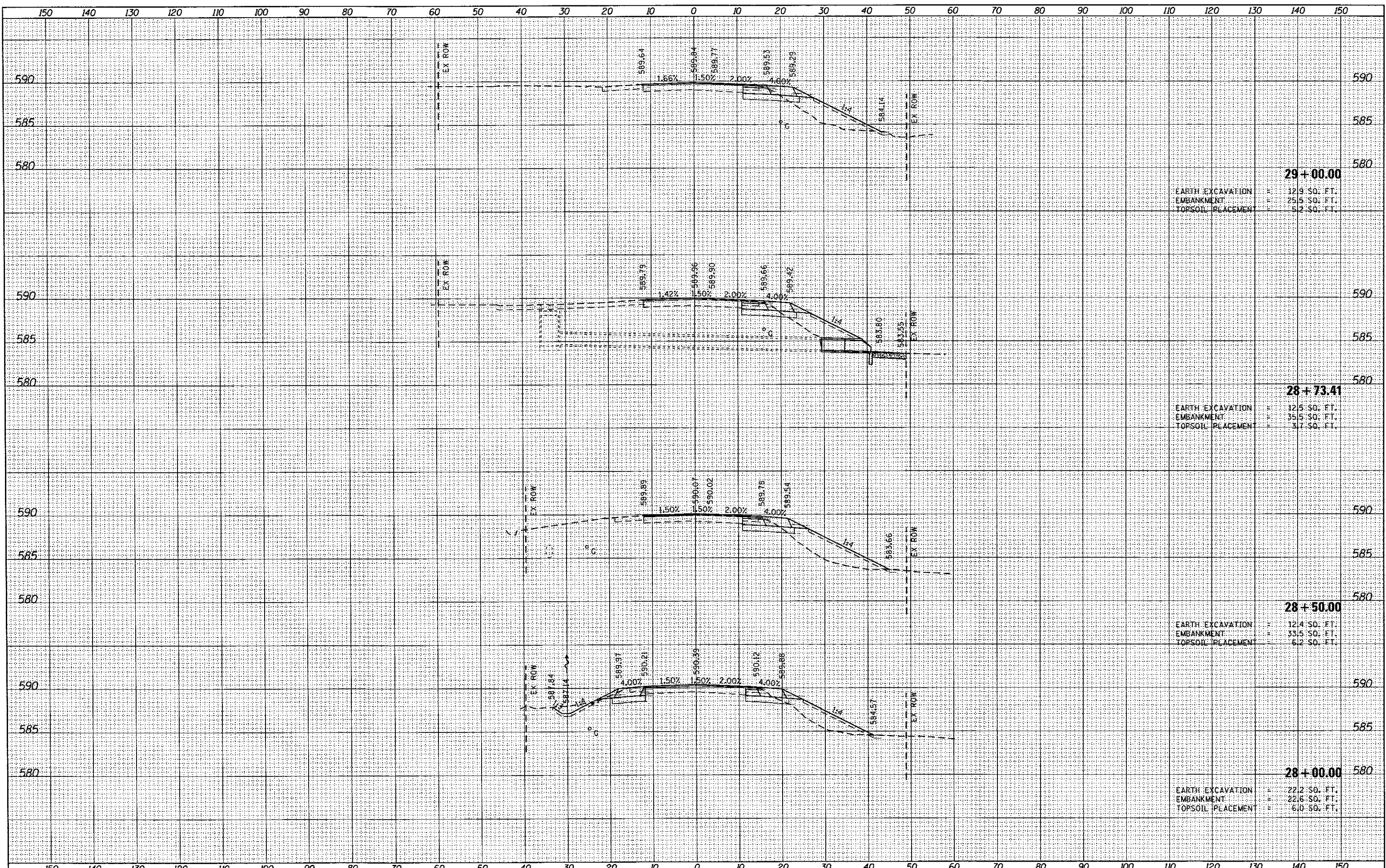
27+00.00
 EARTH EXCAVATION = 21.5 SO. FT.
 EMBANKMENT = 0.2 SO. FT.
 TOPSOIL PLACEMENT = 2.0 SO. FT.

26+71.53
 EARTH EXCAVATION = 9.2 SO. FT.
 EMBANKMENT = 0.0 SO. FT.
 TOPSOIL PLACEMENT = 0.0 SO. FT.

26+50.00
 EARTH EXCAVATION = 0.0 SO. FT.
 EMBANKMENT = 0.0 SO. FT.
 TOPSOIL PLACEMENT = 0.0 SO. FT.

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

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



29+00.00
 EARTH EXCAVATION = 12.9 SO. FT.
 EMBANKMENT = 25.6 SO. FT.
 TOPSOIL PLACEMENT = 5.2 SO. FT.

28+73.41
 EARTH EXCAVATION = 12.5 SO. FT.
 EMBANKMENT = 35.5 SO. FT.
 TOPSOIL PLACEMENT = 3.7 SO. FT.

28+50.00
 EARTH EXCAVATION = 12.4 SO. FT.
 EMBANKMENT = 33.5 SO. FT.
 TOPSOIL PLACEMENT = 6.2 SO. FT.

28+00.00
 EARTH EXCAVATION = 22.2 SO. FT.
 EMBANKMENT = 22.6 SO. FT.
 TOPSOIL PLACEMENT = 6.0 SO. FT.

FILE NAME: L:\SangamonCo\1402901\Draw\CADD_Sheets\...

USER NAME: Matt Overbay
 DESIGNED: MJO
 DRAWN: BB
 CHECKED: KLT
 DATE: 3/4/2016
 PLOT SCALE: 20.0000' / in.
 PLOT DATE: 6/23/2017 - 4:08:36 PM

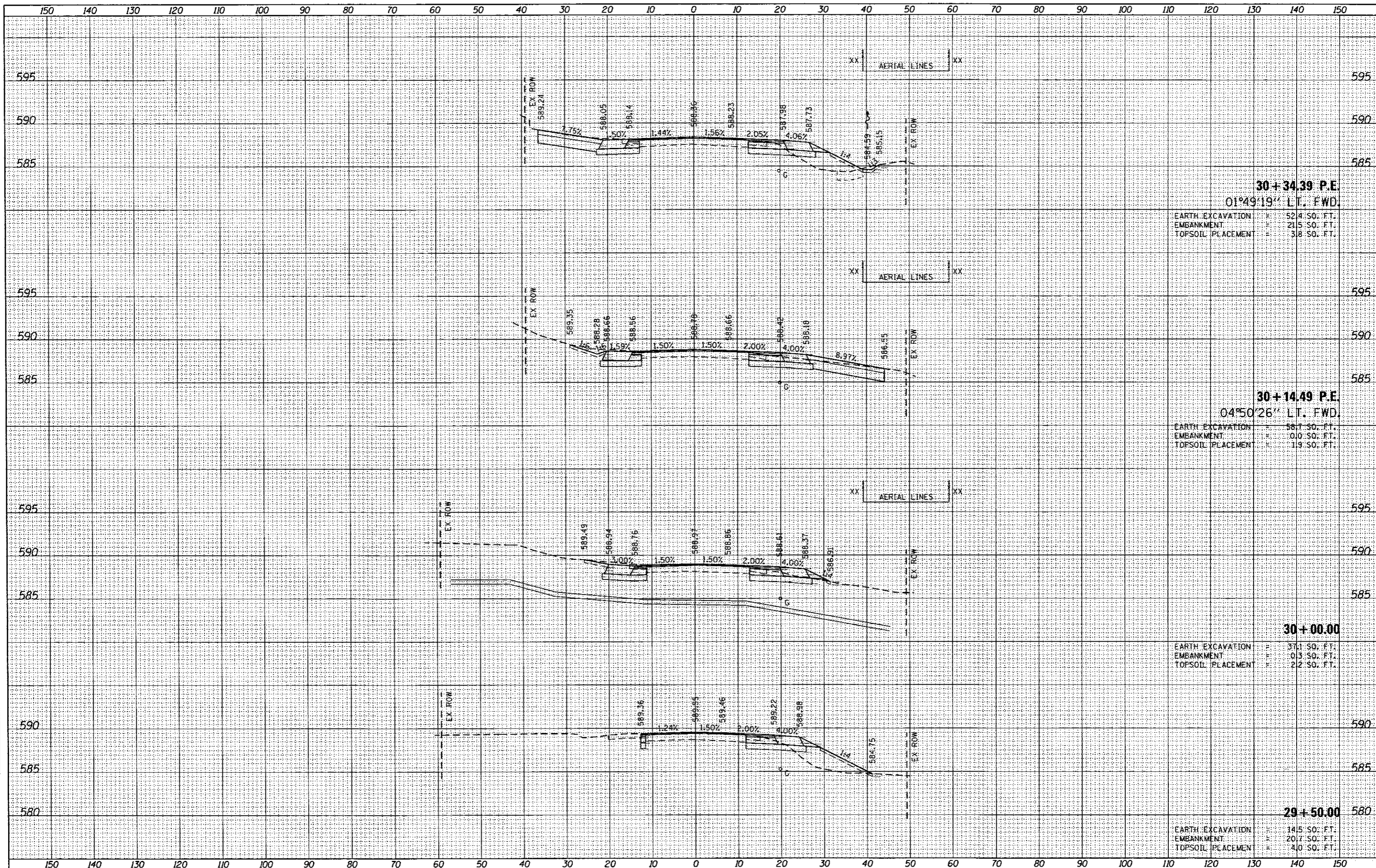
REVISED: -
 REVISED: -
 REVISED: -
 REVISED: -

**SANGAMON COUNTY
 HIGHWAY DEPARTMENT**

WOODSIDE ROAD CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 28+00.00 TO STA. 29+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-PP	SANGAMON	141	93
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 93686				



30+34.39 P.E.
 01°49'19" LT. FWD.
 EARTH EXCAVATION = 52.4 SO. FT.
 EMBANKMENT = 21.5 SO. FT.
 TOPSOIL PLACEMENT = 3.8 SO. FT.

30+14.49 P.E.
 04°50'26" LT. FWD.
 EARTH EXCAVATION = 58.7 SO. FT.
 EMBANKMENT = 0.0 SO. FT.
 TOPSOIL PLACEMENT = 1.9 SO. FT.

30+00.00
 EARTH EXCAVATION = 37.1 SO. FT.
 EMBANKMENT = 0.3 SO. FT.
 TOPSOIL PLACEMENT = 2.2 SO. FT.

29+50.00
 EARTH EXCAVATION = 14.5 SO. FT.
 EMBANKMENT = 20.7 SO. FT.
 TOPSOIL PLACEMENT = 4.0 SO. FT.

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

FILE NAME = L:\SangamonCo\1402901\Draw\CADD_Sheets\...

USER NAME = Matt Overbey
 DESIGNED - MJD
 DRAWN - BB
 CHECKED - KLT
 DATE - 3/4/2016
 PLOT SCALE = 20.0000 / in.
 PLOT DATE = 6/23/2017 - 4:08:37 PM

REVISED -
 REVISED -
 REVISED -
 REVISED -

**SANGAMON COUNTY
 HIGHWAY DEPARTMENT**

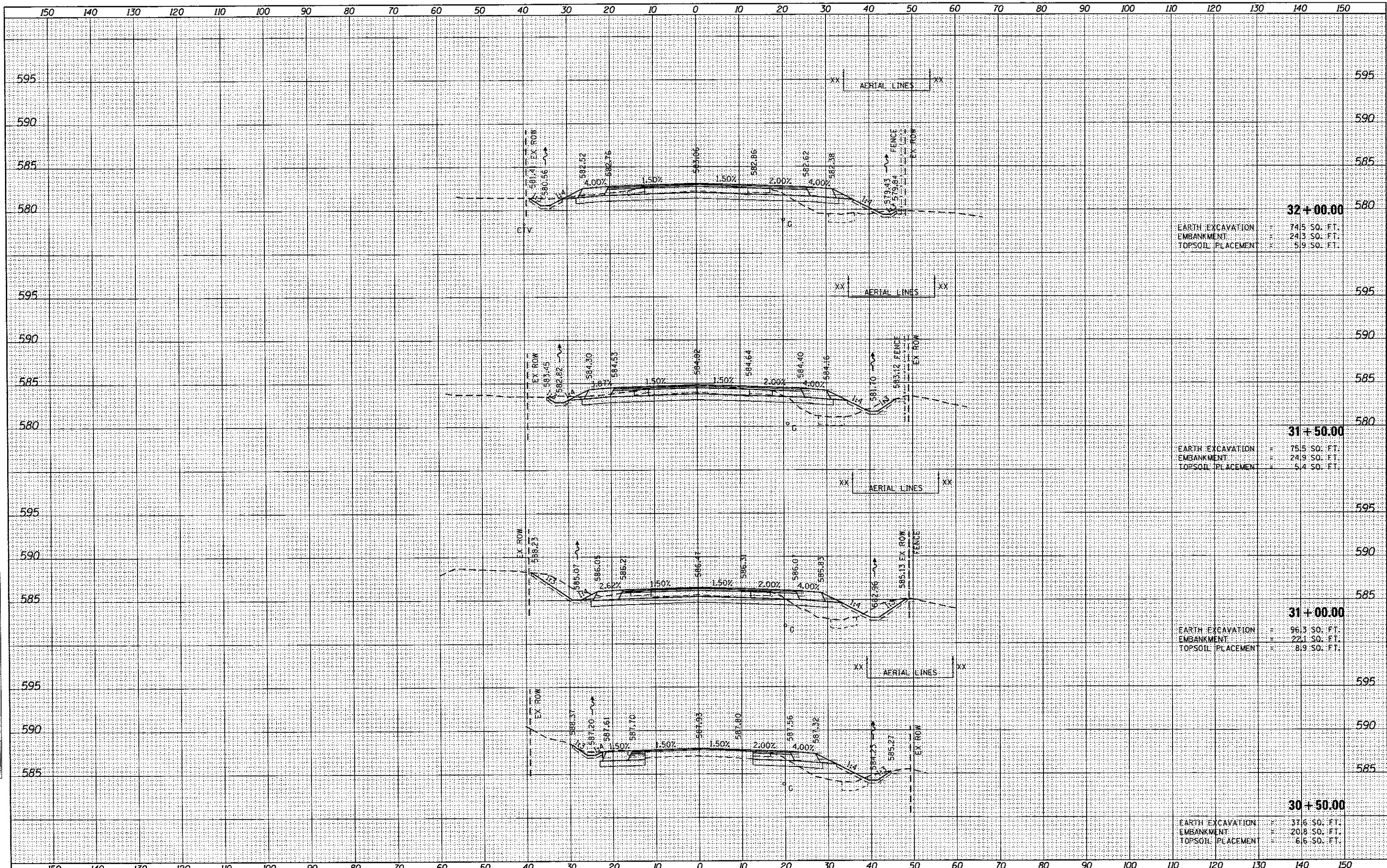
WOODSIDE ROAD CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 30+00.00 TO STA. 30+34.39

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-PP	SANGAMON	141	94
CONTRACT NO. 93686			ILLINOIS FED. AID PROJECT	

BY: _____ DATE: _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

BY: _____ DATE: _____
 ORIGINAL SURVEY _____
 NOTE BOOK _____
 AREAS CHECKED _____



32 + 00.00

EARTH EXCAVATION	=	74.5 SQ. FT.
EMBANKMENT	=	243 SQ. FT.
TOPSOIL PLACEMENT	=	5.9 SQ. FT.

31 + 50.00

EARTH EXCAVATION	=	75.5 SQ. FT.
EMBANKMENT	=	249 SQ. FT.
TOPSOIL PLACEMENT	=	5.4 SQ. FT.

31 + 00.00

EARTH EXCAVATION	=	96.3 SQ. FT.
EMBANKMENT	=	22.1 SQ. FT.
TOPSOIL PLACEMENT	=	8.9 SQ. FT.

30 + 50.00

EARTH EXCAVATION	=	37.6 SQ. FT.
EMBANKMENT	=	20.8 SQ. FT.
TOPSOIL PLACEMENT	=	6.6 SQ. FT.

FILE NAME = L:\SangamonCo\140298\IND-ou\CADD_Sheets\...

USER NAME = Matt Overbay

DESIGNED - MJD
 DRAWN - BB

REVISER - KLT
 DATE - 3/4/2016

**SANGAMON COUNTY
 HIGHWAY DEPARTMENT**

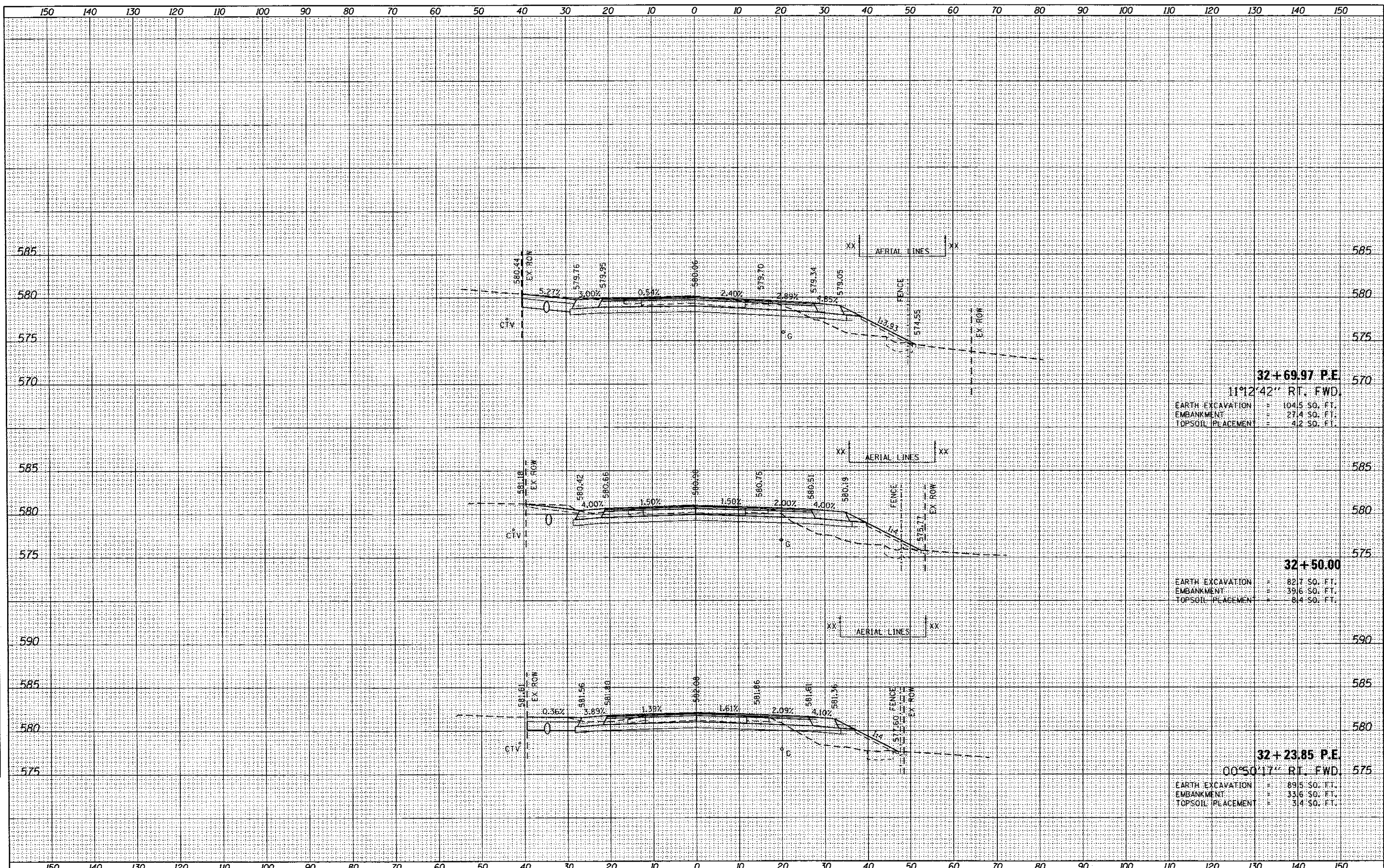
WOODSIDE ROAD CROSS SECTIONS

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. 30+50.00 TO STA. 32+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8048	07-00090-09-PP	SANGAMON	141	95
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 93686	

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

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



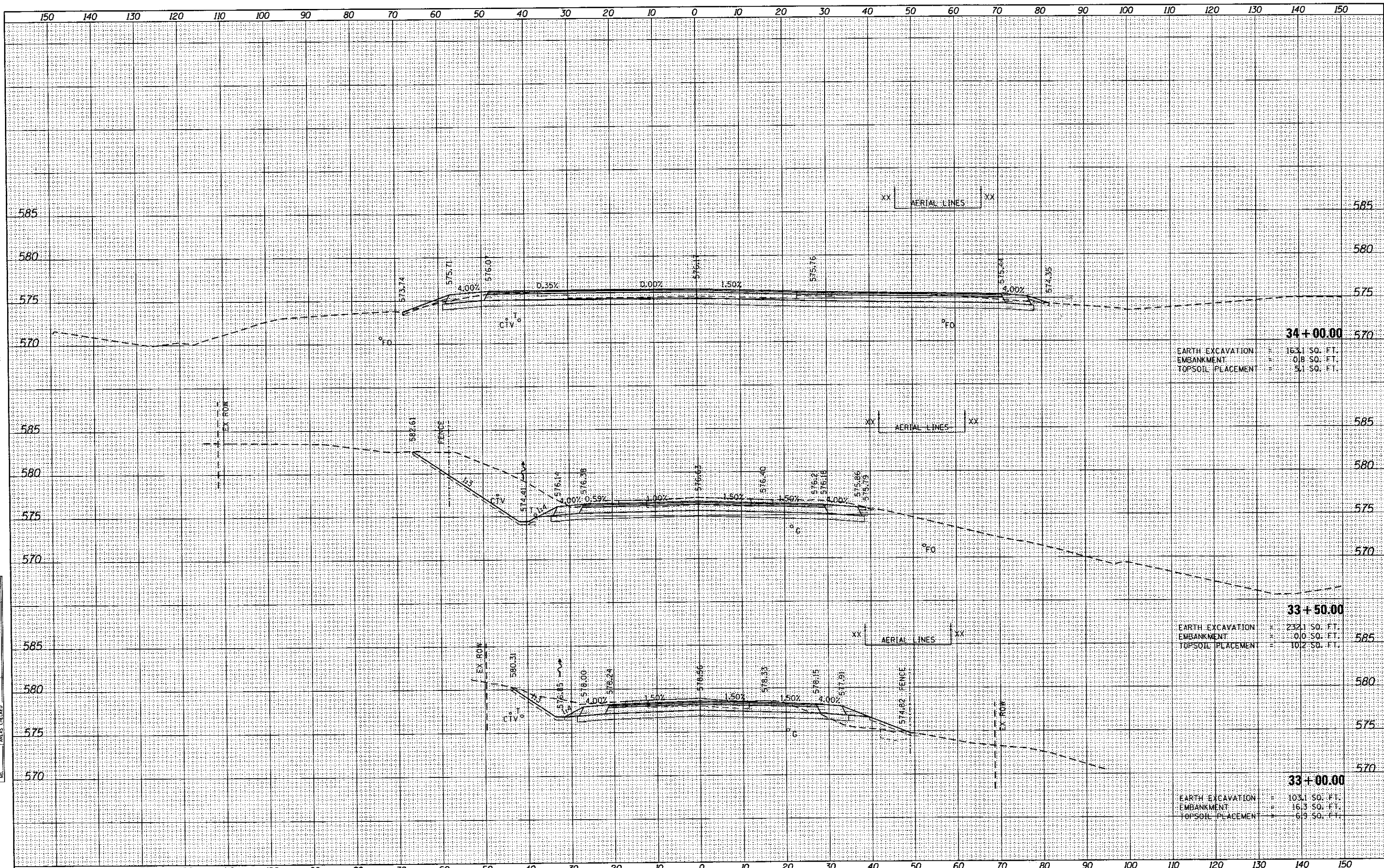
32+69.97 P.E.
 11°12'42" RT. FWD.
 EARTH EXCAVATION = 104.5 SQ. FT.
 EMBANKMENT = 27.4 SQ. FT.
 TOPSOIL PLACEMENT = 4.2 SQ. FT.

32+50.00
 EARTH EXCAVATION = 82.7 SQ. FT.
 EMBANKMENT = 39.6 SQ. FT.
 TOPSOIL PLACEMENT = 8.4 SQ. FT.

32+23.85 P.E.
 00°50'17" RT. FWD.
 EARTH EXCAVATION = 89.5 SQ. FT.
 EMBANKMENT = 33.6 SQ. FT.
 TOPSOIL PLACEMENT = 3.4 SQ. FT.

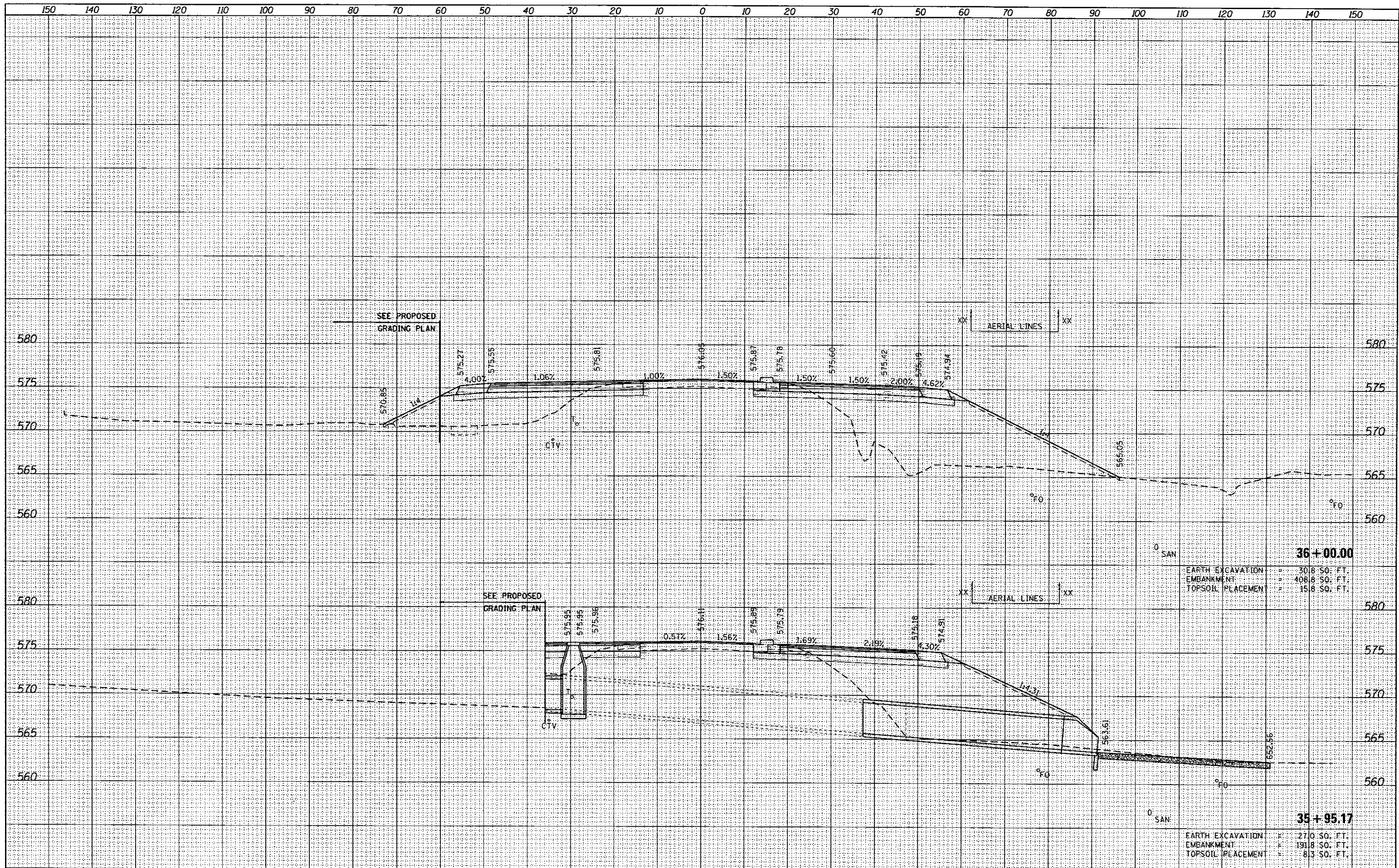
DATE	
BY	
FINAL SURVEY	
SURVEY PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEY PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
NO.	

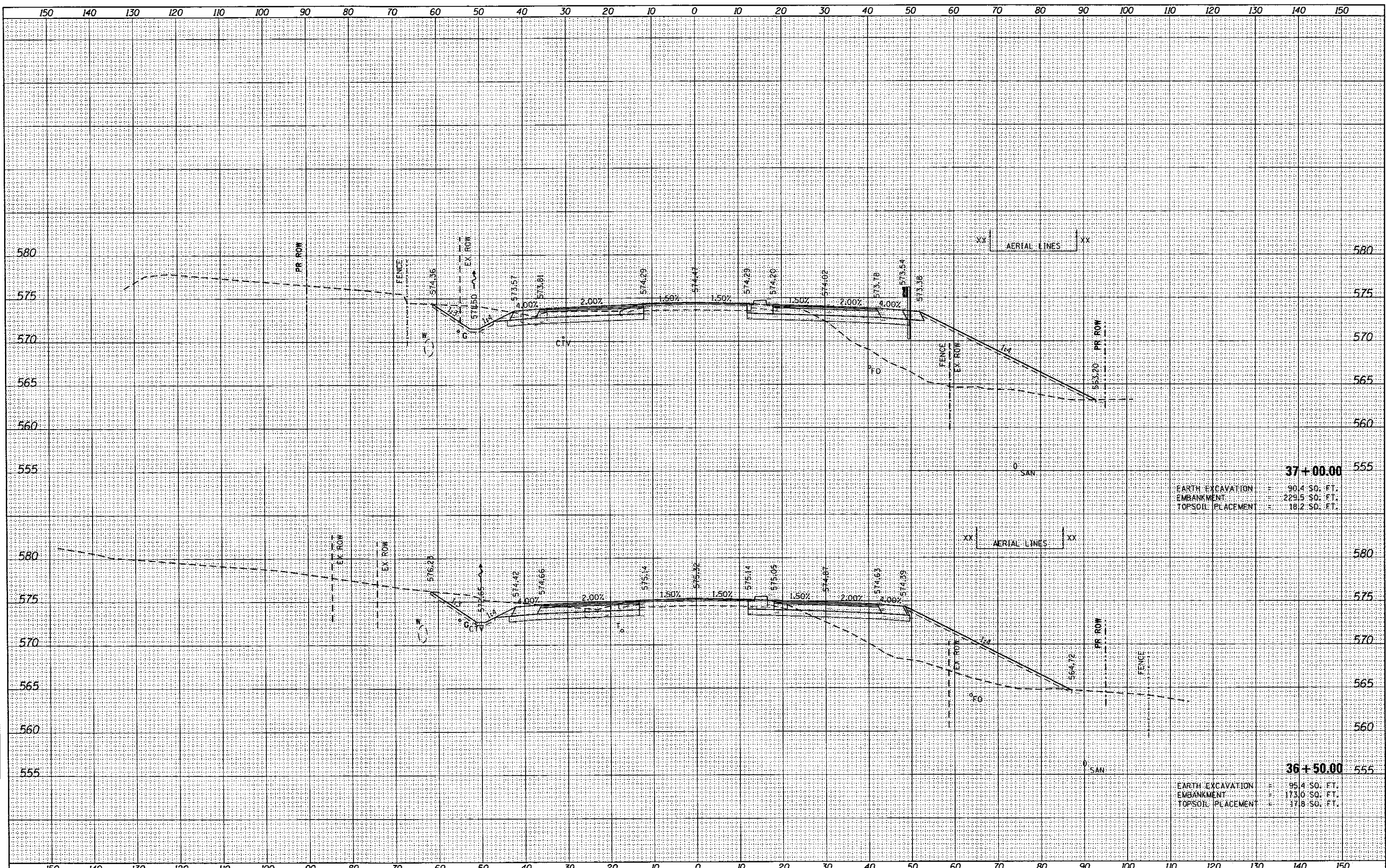


36+00.00	
EARTH EXCAVATION	= 30.8 SQ. FT.
EMBANKMENT	= 408.6 SQ. FT.
TOPSOIL PLACEMENT	= 15.8 SQ. FT.

35+95.17	
EARTH EXCAVATION	= 27.0 SQ. FT.
EMBANKMENT	= 191.8 SQ. FT.
TOPSOIL PLACEMENT	= 8.3 SQ. FT.

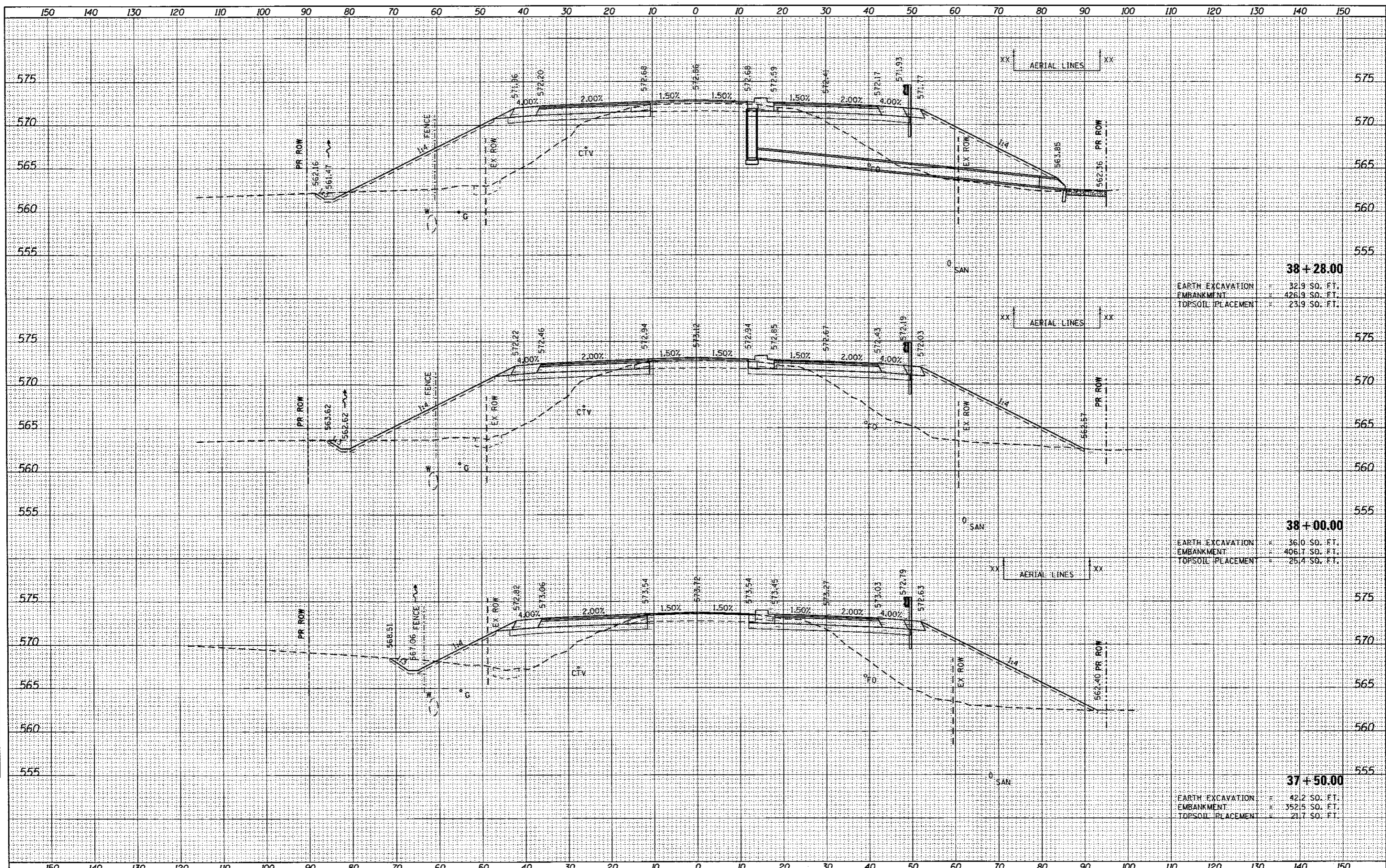
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38+28.00
 EARTH EXCAVATION = 32.9 SQ. FT.
 EMBANKMENT = 426.9 SQ. FT.
 TOPSOIL PLACEMENT = 23.9 SQ. FT.

38+00.00
 EARTH EXCAVATION = 36.0 SQ. FT.
 EMBANKMENT = 406.7 SQ. FT.
 TOPSOIL PLACEMENT = 25.4 SQ. FT.

37+50.00
 EARTH EXCAVATION = 42.2 SQ. FT.
 EMBANKMENT = 352.5 SQ. FT.
 TOPSOIL PLACEMENT = 21.7 SQ. FT.