

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAU 3819, MUN 1110A, MUN 1110 (MONTGOMERY ROAD),
WAUBONSIE CREEK TRAIL TO MIDDLEBURY DRIVE
SHARED-USE PATH CONSTRUCTION

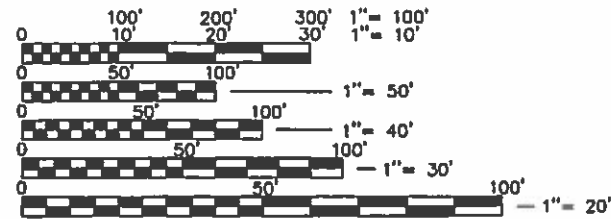
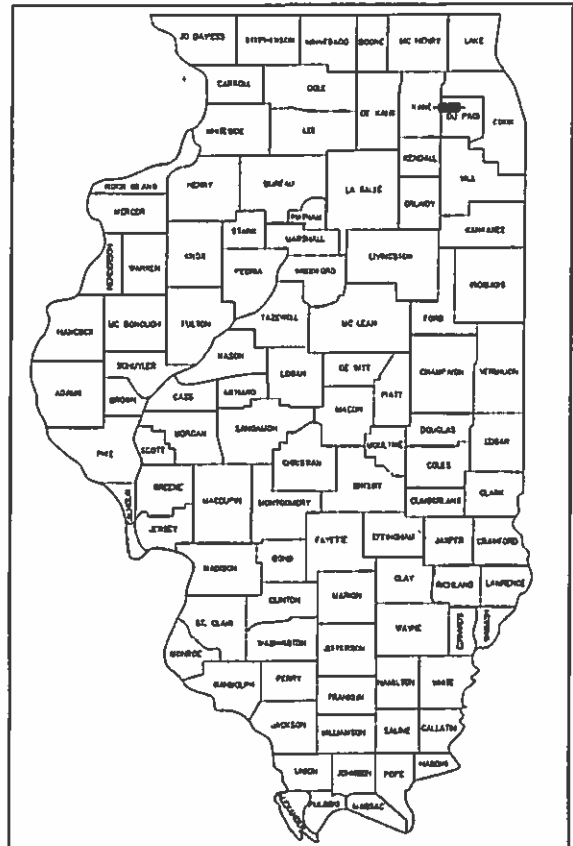
SECTION: 16-00311-00-BT
PROJECT: C9A7(314)
CITY OF AURORA
DUPAGE/KANE COUNTY
C-91-252-16

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	1
CONTRACT NO. 61E88				

FOR INDEX OF SHEETS, HIGHWAY
STANDARDS, AND PR LEGEND SEE
SHEET NO. 2

MONTGOMERY ROAD
MAJOR COLLECTOR
ADT: 12,200
POSTED SPEED: 35/40 MPH

DESIGN DESIGNATION
SHARED USE PATH: ADT (2040): <100 BPD (BICYCLES PER DAY)



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

PROJECT BEGINS
STA. 1+04.54
MONTGOMERY ROAD

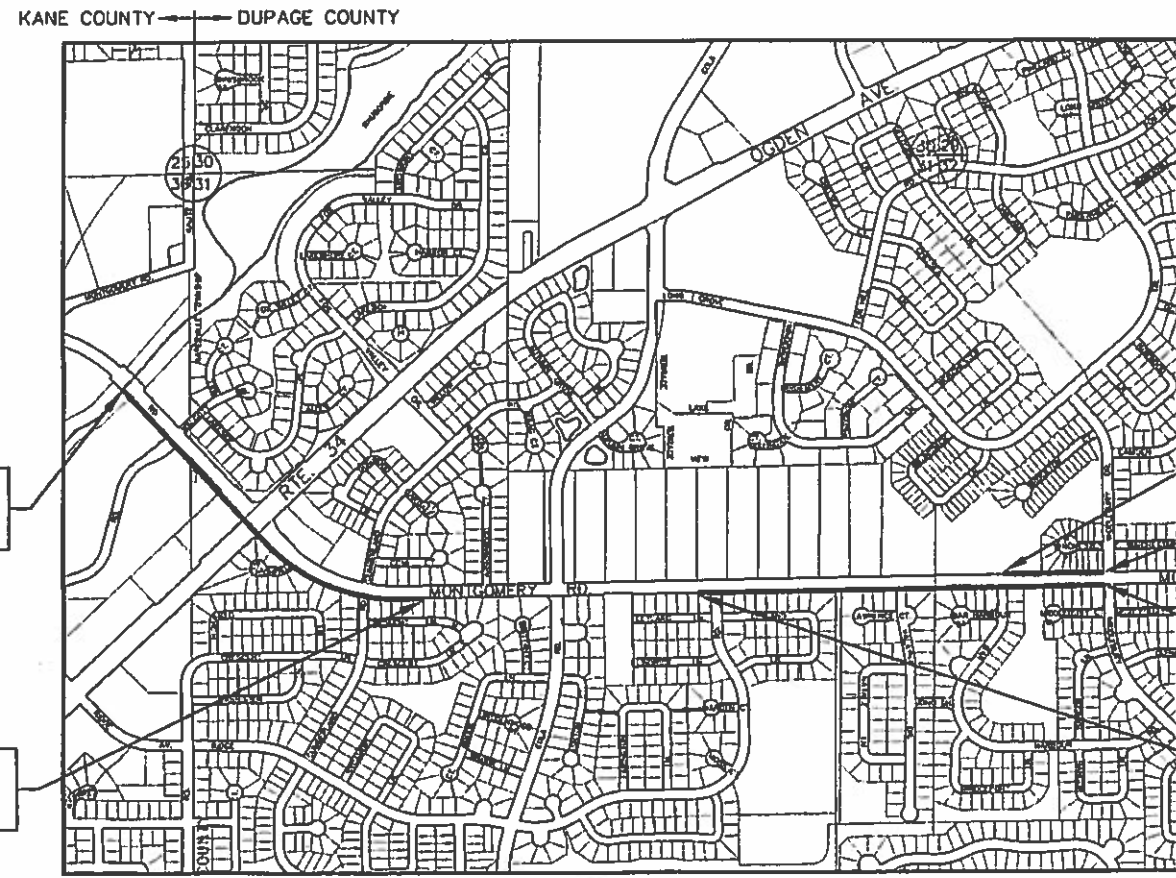
OMISSION BEGINS
STA. 23+49.80
MONTGOMERY ROAD

PROJECT ENDS
STA. 106+79.75
MONTGOMERY ROAD

PROJECT BEGINS
STA. 100+35.39
MONTGOMERY ROAD

PROJECT ENDS
STA. 66+79.11
MONTGOMERY ROAD

OMISSION ENDS
STA. 41+94.27
MONTGOMERY ROAD



SEC. 36, T38N, R8E, 3RD PM, AURORA TOWNSHIP
SEC. 31/30, T38N, R9E, 3RD PM, NAPERVILLE TOWNSHIP

LOCATION MAP

SCALE: 1" = 600'

TOTAL GROSS LENGTH OF PROJECT = 6,575 FEET (1.25 MILES)
TOTAL NET LENGTH OF PROJECT = 5,375 FEET (1.02 MILES)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED: *Rob B. Meier*
5-23-18
CITY OF AURORA, CITY TRAFFIC ENGINEER

APPROVED: *Halit*
5-23-18
FOR VALLEY PARK DISTRICT, SR. DIRECTOR

PASSED: *July 27, 2018*
CHIEF COMMUTER HOLT
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW
July 30, 2018
Anthony J. Drayton, P.E.
REGIONAL ENGINEER

DATE: 5/23/2018

BY: *Timothy V. Weidner*
TIMOTHY V. WEIDNER

LICENSE EXPIRES: NOVEMBER 30, 2019

SHEETS: 1-34

59549
TIMOTHY V. WEIDNER
LICENSED PROFESSIONAL ENGINEER
OF ILLINOIS

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PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E., SCHAUMBURG IL

Printed: May 22, 2018 @ 1:32 PM By: Jm. Schmidt - Tel: 01 Over 2143

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ILLINOIS ONE-CALL SYSTEM

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CONTRACT NO. 61E88

GENERAL NOTES

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED APRIL 1, 2016 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS), THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, SEVENTH EDITION, THE CODES AND ORDINANCES OF THE CITY OF AURORA, ILLINOIS, THE DETAILS IN THE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

NO SUBSTITUTIONS OR VARIANCES WILL BE PERMITTED TO ANY STANDARD NOTES OR ORDINANCES UNLESS APPROVED OTHERWISE IN WRITING PRIOR TO COMMENCING CONSTRUCTION ACTIVITY.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS AND THE PLANS

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE OWNER IF ANY UTILITY IMPROVEMENTS ARE REQUIRED WITHIN THE DURATION OF THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING AND PROPOSED UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, FIELD TILES AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND NOT NECESSARILY COMPLETE; THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION EQUAL TO THAT EXISTING BEFORE THE DAMAGE OCCURRED. THIS WORK SHALL BE ARRANGED BY THE UTILITY COMPANY AND SHALL BE AT THE CONTRACTOR'S EXPENSE.

IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.

STAKING

ELEVATIONS ARE NAVD 88 DATUM.

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC., ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.

SEWERS AND WATER MAINS

ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN IN AN OPERATING CONDITION TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY EXISTING DRAINAGE FACILITIES.

MISCELLANEOUS

THE THICKNESS OF ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE ASPHALT MIXTURES ARE TO BE PLACED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FRESH CONCRETE FROM DAMAGE AND VANDALISM. ANY DAMAGED OR VANDALIZED CONCRETE SHALL BE REMOVED AND REPLACED.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT.

WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

THE CONTRACTOR SHALL PREPARE THE SUBGRADE IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS PRIOR TO THE REMOVAL OF ANY UNSTABLE MATERIALS.

THE CONTRACTOR SHALL DISPOSE OF AND REMOVE FROM THE SITE EACH DAY ALL CURB AND GUTTER, PAVEMENT AND ALL OTHER EXCAVATED MATERIAL NOT FOR SALVAGE.

THE ENGINEER AND CITY ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

EROSION CONTROL NOTES:

THE FOLLOWING PLAN WAS ESTABLISHED TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

CERTAIN ITEMS AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION, RESULTING FROM THE CONTRACTOR'S SEQUENCE OF OPERATIONS, TIME OF YEAR AND EXPECTED WEATHER CONDITIONS.

REFER TO BDE 2342 'STORM WATER POLLUTION PREVENTION PLAN' IN THE CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION REGARDING THE SITE DESCRIPTION AND MISCELLANEOUS PROCEDURES.

THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES PRIOR TO THE START OF ANY EXCAVATIONS.

THE SOIL AND WATER CONSERVATION DISTRICT MAY CONDUCT SITE VISITS AND VERIFY THAT THE PRACTICES ARE WORKING PROPERLY AND DETERMINE OF ADDITIONAL PRACTICES ARE NEEDED FOR BETTER SOIL EROSION AND SEDIMENT CONTROL DURING THE CONSTRUCTION OF THE PROJECT. THE ENGINEER WILL BE RESPONSIBLE FOR THE EROSION AND SEDIMENT CONTROL INSPECTIONS.

THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) (630-584-7961) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

STOCKPILES OF SOILS AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES NOT BEING ACTIVELY WORKED ON AND TO REMAIN IN PLACE FOR 14 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OR ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KANE DUPAGE SOIL AND WATER CONSERVATION DISTRICT.

ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY AND CLEANED WHEN NECESSARY OR DIRECTED BY THE ENGINEER.

STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NO LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN THE AREA.

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.

PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN THOSE INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE KDSWCD.

DURING DEWATERING OPERATIONS, WATER WILL BE FILTERED OR PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO STREAMS, WETLANDS, FIELD TILES, OR STORMWATER STRUCTURES IS PROHIBITED.

IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR THE CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT OF ALL THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THOSE EROSION CONTROL PLANS AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH 1/2" RAIN EVENT.

SEEDING AND EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS IMMEDIATELY UPON FINAL GRADING.

WHERE THERE IS LOW, INTERMITTENT AMOUNTS OF DEWATERING, PUMPS WITH FILTRATION BAGS SHALL BE USED. FILTRATION BAGS SHALL BE ATTACHED TO PUMP DISCHARGES AND SURROUNDED WITH A SECONDARY CONTAINMENT OR ON A STABILIZED AREA. FILTER BAGS SHALL NOT BE PLACED, WHOLE OR PARTIALLY, WITHIN AQUATIC AREAS (WETLANDS, STREAMS, ETC.) THE MATERIAL FOR THE FILTRATION BAG SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE OF THE ILLINOIS URBAN MANUAL, TABLE 2, CLASS 1 WITH A MINIMUM TENSILE STRENGTH OF 200 LBS. THE FILTRATION BAG SHALL BE SIZED PER MANUFACTURER RECOMMENDATIONS AND BASED ON THE SIZE OF THE PUMP.

STRUCTURE ADJUSTMENT / REMOVAL NOTATION

"ADJ" FOR ADJUST - [ADJ]

SUPPLEMENTAL LEGEND

SEE IDOT HIGHWAY STANDARDS FOR ADDITIONAL INFORMATION

	EXISTING PCC SIDEWALK		PERIMETER EROSION BARRIER
	EXISTING CONCRETE CURB AND GUTTER, AND SIDEWALK TO BE REMOVED		INLET & PIPE PROTECTION
	PROPOSED PCC SIDEWALK		CLASS 2A SEEDING
	EXISTING CURB OR CURB & GUTTER		CLASS 2A INTERSEEDING
	PROPOSED CURB OR CURB & GUTTER		CLASS 4 INTERSEEDING
			SHADE TREE
			TREE REMOVAL

IDOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
542411	SLOPED METAL END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 60" (1500 mm) DIA.
602011-02	CATCH BASIN TYPE C
602301-04	INLET - TYPE A
602401-04	PRECAST MANHOLE TYPE A, 4' DIAMETER
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604036-03	GRATE TYPE 8
606001-07	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE 2L, 2W, SHORT TERM OPERATIONS
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

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Plotted: May 30, 2018 @ 7:17 AM By: Jim Schmidt - Tab: 02 Index 22x34

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PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, HIGHWAY STANDARDS, SUPPLEMENTAL LEGEND
AND INDEX OF SHEETS**

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	2
			CONTRACT NO.	61E88
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Path: \\SDS\PROJ\AU1405-B\DWG\FINAL_ENG\AU1405-B-CV

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 80% FEDERAL 20% LOCAL 0028
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	72	72
20101100	TREE TRUNK PROTECTION	EACH	2	2
20101200	TREE ROOT PRUNING	EACH	20	20
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20	20
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	1	1
20200100	EARTH EXCAVATION	CU YD	1430	1430
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	433	433
20800150	TRENCH BACKFILL	CU YD	14	14
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	5242	5242
21101616	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5480	5480
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	100	100
25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	110	110
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	110	110
25100630	EROSION CONTROL BLANKET	SQ YD	5480	5480
28000305	TEMPORARY DITCH CHECKS	FOOT	153	153
28000400	PERIMETER EROSION BARRIER	FOOT	505	505
28000510	INLET FILTERS	EACH	26	26
28100105	STONE RIPRAP, CLASS A3	SQ YD	8	8
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	433	433
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	5242	5242
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9416	9416
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	948	948
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	946	946
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	5	5
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1887	1887
42400900	DETECTABLE WARNINGS	SQ FT	457	457
44000100	PAVEMENT REMOVAL	SQ YD	238	238
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	494	494
44000600	SIDEWALK REMOVAL	SQ FT	16067	16067
44002205	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 1 1/2"	SQ YD	52	52
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	19	19
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	27	27
48101498	AGGREGATE SHOULDERS, TYPE B 4"	SQ YD	109	109
50901720	BICYCLE RAILING	FOOT	273	273
54260515	SLOPED METAL END SECTION WITH GRATE, STANDARD 542411, 15", 1.4	EACH	1	1
55100500	STORM SEWER REMOVAL 12"	FOOT	145	145
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	120	120
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	10	10
56400100	FIRE HYDRANTS TO BE MOVED	EACH	3	3

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 80% FEDERAL 20% LOCAL 0028
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	4
60210500	CATCH BASINS, TYPE D, 3'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	11	11
60255500	MANHOLES TO BE ADJUSTED	EACH	15	15
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1
60500105	FILLING MANHOLES	EACH	1	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	406	406
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	45	45
67100100	MOBILIZATION	L SUM	1	1
△ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	8	8
△ 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1
△ 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
△ 72000100	SIGN PANEL - TYPE 1	SQ FT	23	23
△ 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7
△ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	120	120
△ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	483	483
△ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	726	726
△ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	740	740
△ 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	494	494
△ 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	205	205
△ 88600600	DETECTOR LOOP REPLACEMENT	FOOT	120	120
△ 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2	2
△ A2000116	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1
△ A2004610	TREE, GLEDITSIA TRIACANTHOS INERMIS PERFECTION (PERFECTION THORNLESS HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
△ A2007816	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	9	9
△ X0328899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2	2
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	430	430
X5427600	REMOVE AND RELOCATE END SECTIONS	EACH	1	1
△ X8140115	HANDHOLE TO BE ADJUSTED	EACH	1	1
XX006947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	57	57
XX008824	CATCH BASINS, SPECIAL	EACH	7	7
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

△ INDICATES SPECIALTY ITEM
* SEE SPECIAL PROVISIONS

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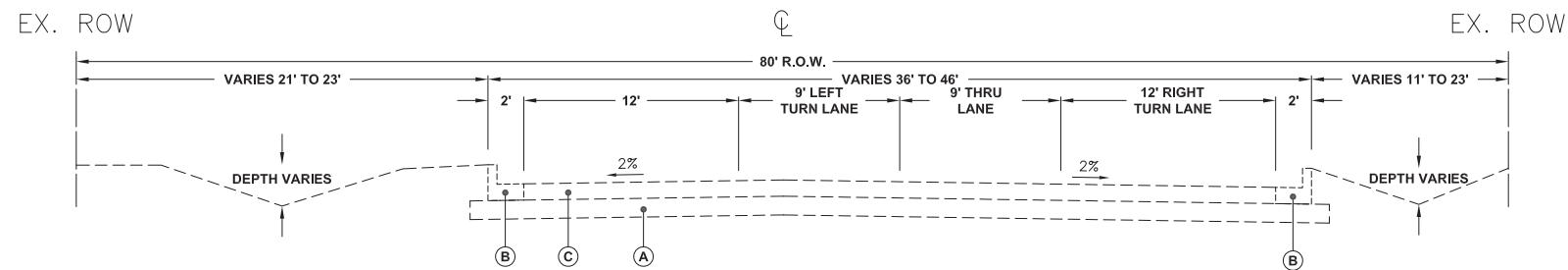
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

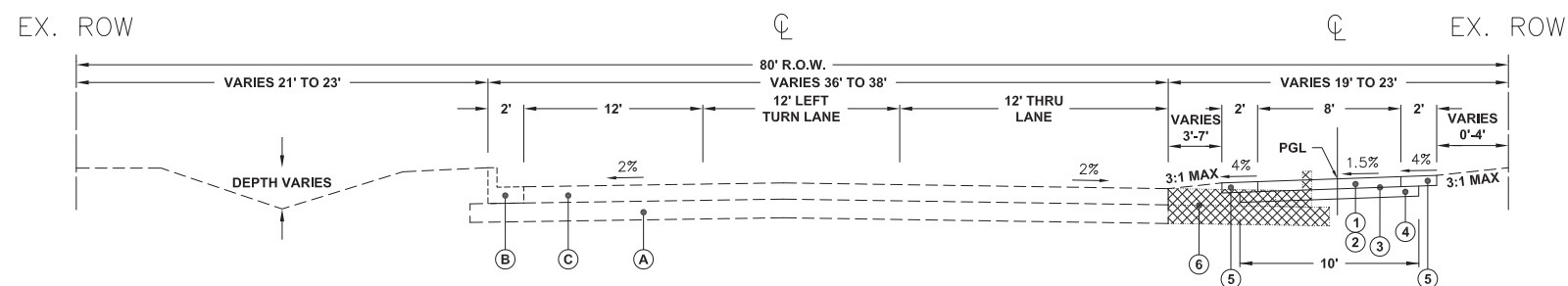
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F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	3
CONTRACT NO. 61E88			ILLINOIS FED. AID PROJECT	



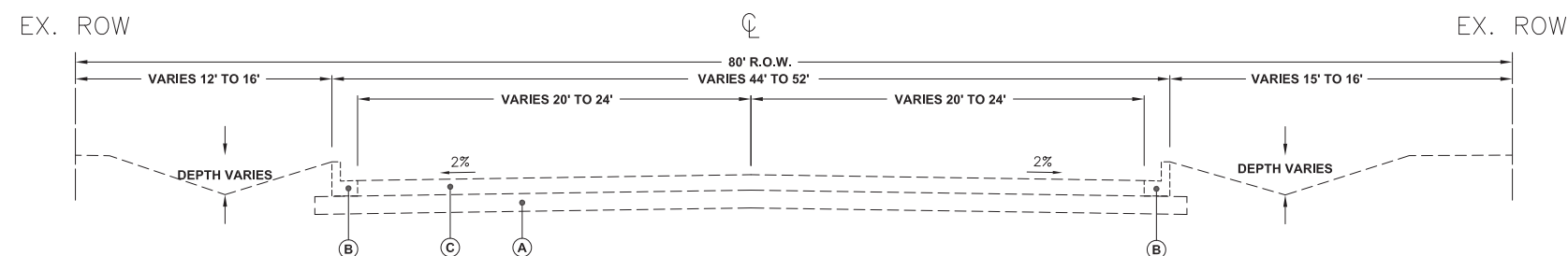
EXISTING TYPICAL SECTION

STA 1+00 TO 4+30, MONTGOMERY ROAD



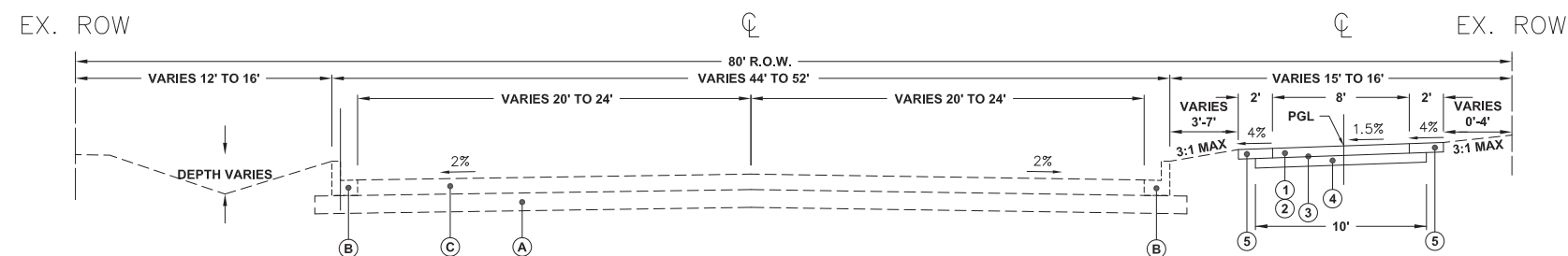
PROPOSED TYPICAL SECTION

STA 1+00 TO 4+30, MONTGOMERY ROAD



EXISTING TYPICAL SECTION

STA 5+00 TO 9+07, MONTGOMERY ROAD



PROPOSED TYPICAL SECTION

STA 5+00 TO 9+07, MONTGOMERY ROAD

LEGEND

(A) EXISTING BASE	(4) AGGREGATE BASE COURSE, TYPE B, 6"
(B) EXISTING CONCRETE CURB AND GUTTER TYPE B-6.12	(5) TOPSOIL (MIN. 4-INCH) SEEDING CLASS 2A FERTILIZER AND EROSION CONTROL BLANKET
(C) EXISTING HOT-MIX ASPHALT PAVEMENT	(6) PAVEMENT REMOVAL
(D) EXISTING PORTLAND CEMENT SIDEWALK	(7) COMBINATION CURB AND GUTTER REMOVAL
(E) EXISTING SIDEWALK BASE	(8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
(F) SIDEWALK REMOVAL	(9) BICYCLE RAILING (SEE DETAIL)
(1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 LIFTS @ 2"	(10) AGGREGATE SHOULDER, TYPE B, 4"
(2) BITUMINOUS MATERIALS (TACK COAT) (BETWEEN LIFTS)	(11) THERMOPLASTIC PAVEMENT MARKING LINE, 4"
(3) BITUMINOUS MATERIALS (PRIME COAT)	(12) PCC SIDEWALK, 5"
	REMOVAL ITEMS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE

PAY ITEM DESCRIPTION	AIR VOIDS @ NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 LIFTS @ 2" (IL-9.5 mm)	4% @ 50 GYR.
CLASS D PATCHES, 9" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, 9" (IN 3 LIFTS)	4% @ 70 GYR.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5"	4% @ 50 GYR.
HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4" (IN 2 LIFTS)	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/INCH.

THE "AC" TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

Plotted: May 29, 2018 @ 8:36 AM By: Jim Schmidt - Tab: 04_Section 22x34

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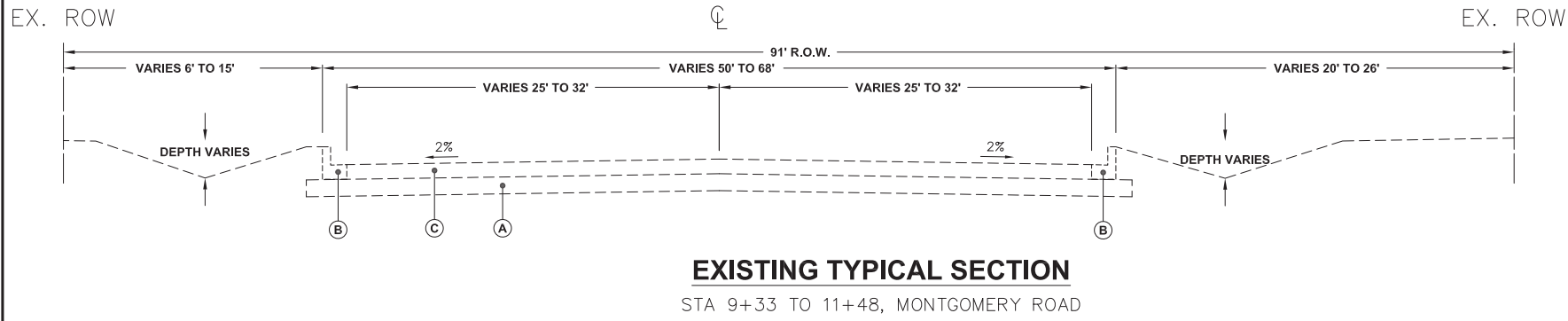
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

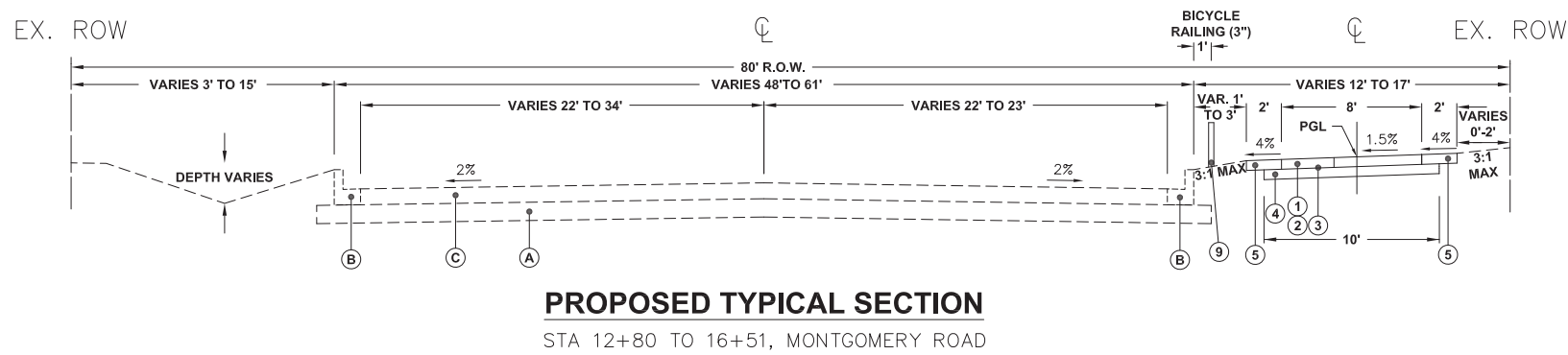
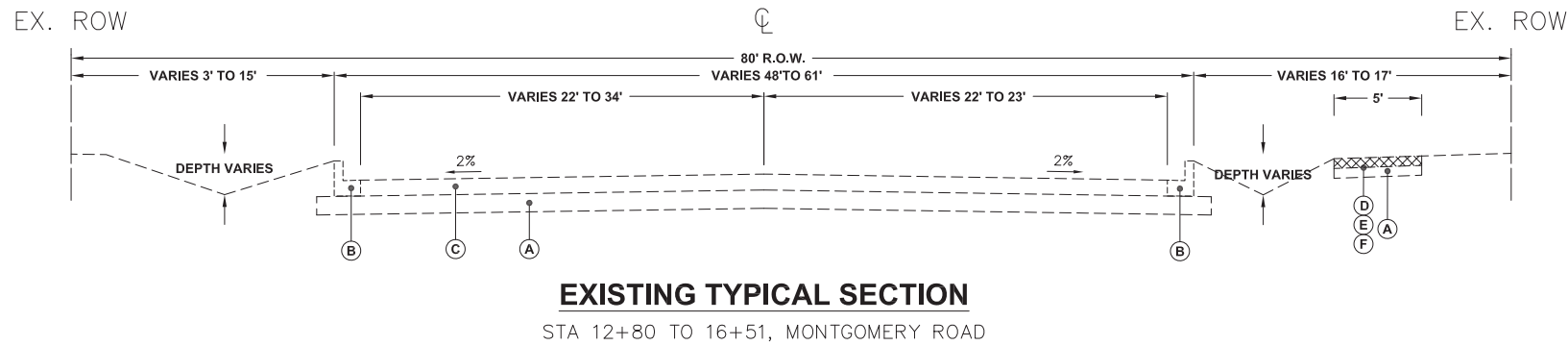
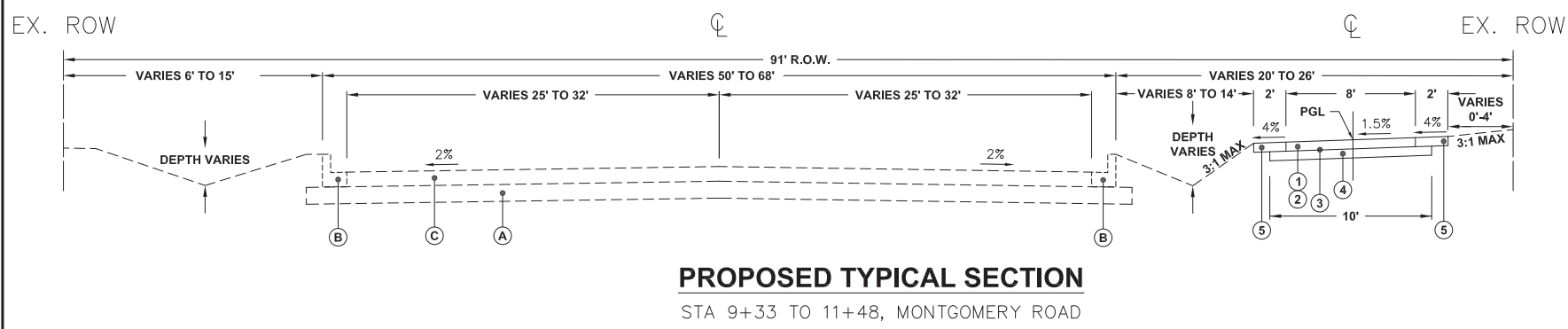
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	



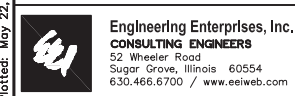
LEGEND

(A) EXISTING BASE	(4) AGGREGATE BASE COURSE, TYPE B, 6"
(B) EXISTING CONCRETE CURB AND GUTTER TYPE B-6.12	(5) TOPSOIL (MIN. 4-INCH) SEEDING CLASS 2A FERTILIZER AND EROSION CONTROL BLANKET
(C) EXISTING HOT-MIX ASPHALT PAVEMENT	(6) PAVEMENT REMOVAL
(D) EXISTING PORTLAND CEMENT SIDEWALK	(7) COMBINATION CURB AND GUTTER REMOVAL
(E) EXISTING SIDEWALK BASE	(8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
(F) SIDEWALK REMOVAL	(9) BICYCLE RAILING (SEE DETAIL)
(1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 LIFTS @ 2"	(10) AGGREGATE SHOULDER, TYPE B, 4"
(2) BITUMINOUS MATERIALS (TACK COAT) (BETWEEN LIFTS)	(11) THERMOPLASTIC PAVEMENT MARKING LINE, 4"
(3) BITUMINOUS MATERIALS (PRIME COAT)	(12) PCC SIDEWALK, 5"
	▨ REMOVAL ITEMS



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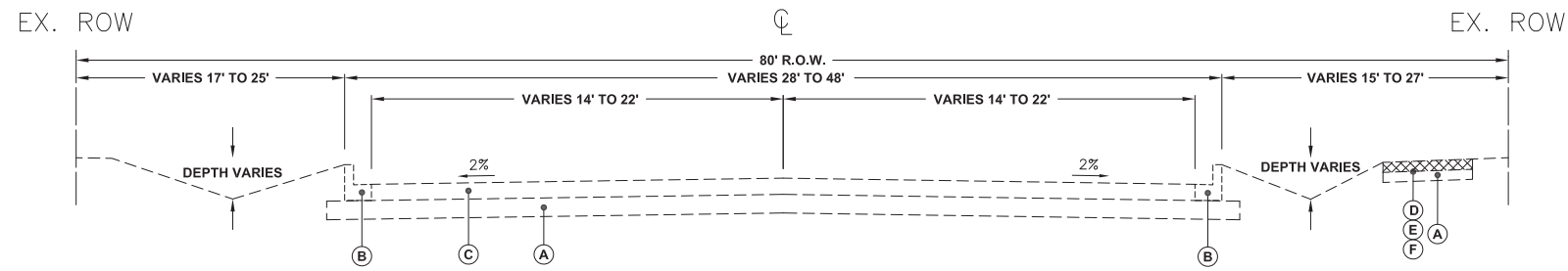


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	DATE -	REVISED -

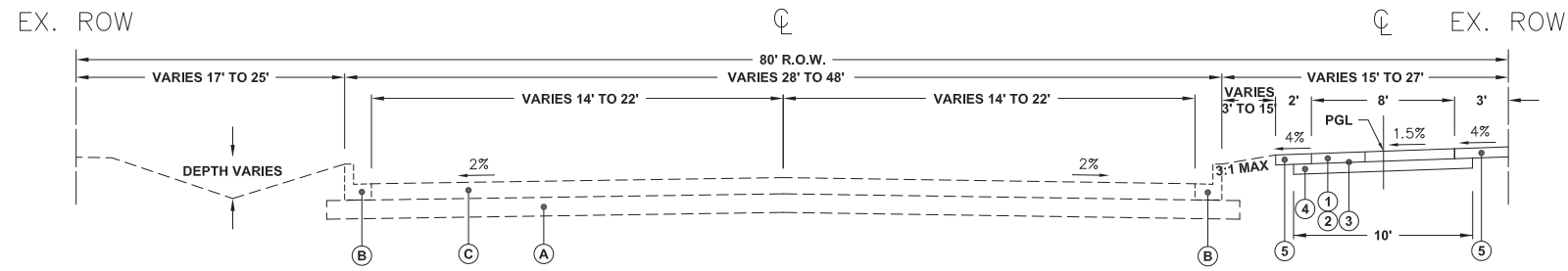
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: N/A	SHEET NO. 2 OF 5 SHEETS
STA. N/A	TO STA. N/A

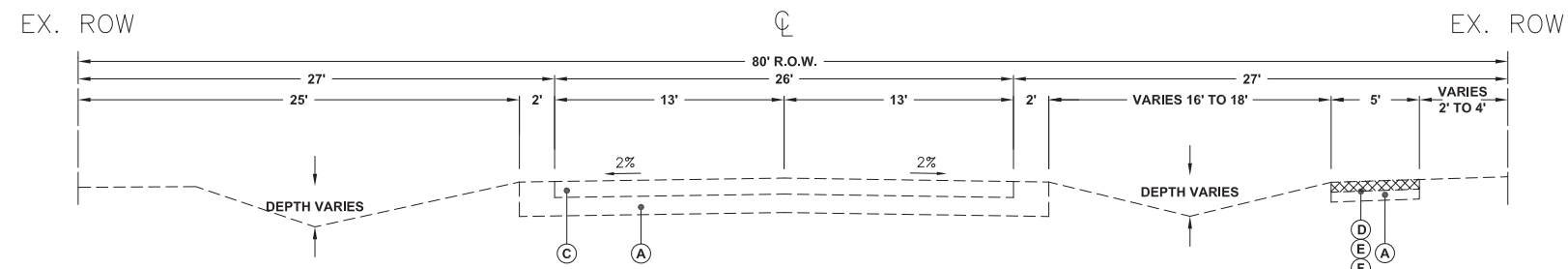
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	



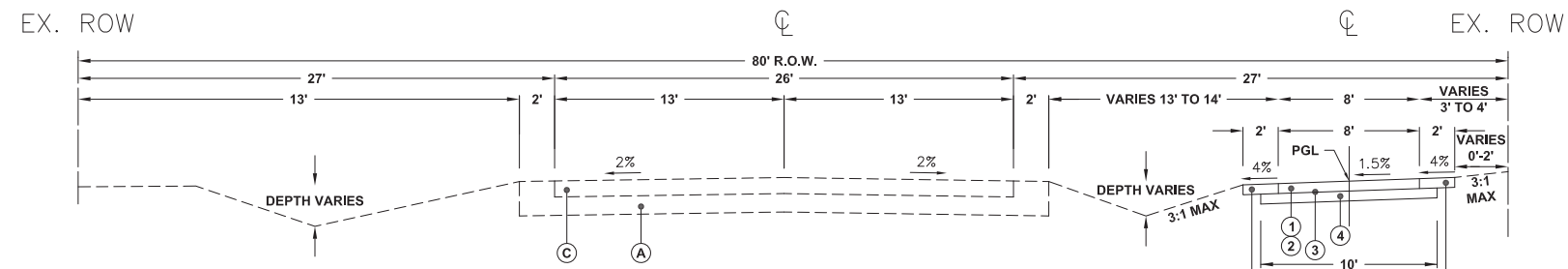
EXISTING TYPICAL SECTION
STA 16+51 TO 23+50, MONTGOMERY ROAD



PROPOSED TYPICAL SECTION
STA 16+51 TO 23+50, MONTGOMERY ROAD



EXISTING TYPICAL SECTION
STA 41+94 TO 51+70, MONTGOMERY ROAD



PROPOSED TYPICAL SECTION
STA 41+94 TO 51+70, MONTGOMERY ROAD

LEGEND

- (A) EXISTING BASE
- (B) EXISTING CONCRETE CURB AND GUTTER TYPE B-6.12
- (C) EXISTING HOT-MIX ASPHALT PAVEMENT
- (D) EXISTING PORTLAND CEMENT SIDEWALK
- (E) EXISTING SIDEWALK BASE
- (F) SIDEWALK REMOVAL
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 LIFTS @ 2"
- (2) BITUMINOUS MATERIALS (TACK COAT) (BETWEEN LIFTS)
- (3) BITUMINOUS MATERIALS (PRIME COAT)
- (4) AGGREGATE BASE COURSE, TYPE B, 6"
- (5) TOPSOIL (MIN. 4-INCH) SEEDING CLASS 2A FERTILIZER AND EROSION CONTROL BLANKET
- (6) PAVEMENT REMOVAL
- (7) COMBINATION CURB AND GUTTER REMOVAL
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) BICYCLE RAILING (SEE DETAIL)
- (10) AGGREGATE SHOULDER, TYPE B, 4"
- (11) THERMOPLASTIC PAVEMENT MARKING LINE, 4"
- (12) PCC SIDEWALK, 5"
- [Hatched Box] REMOVAL ITEMS

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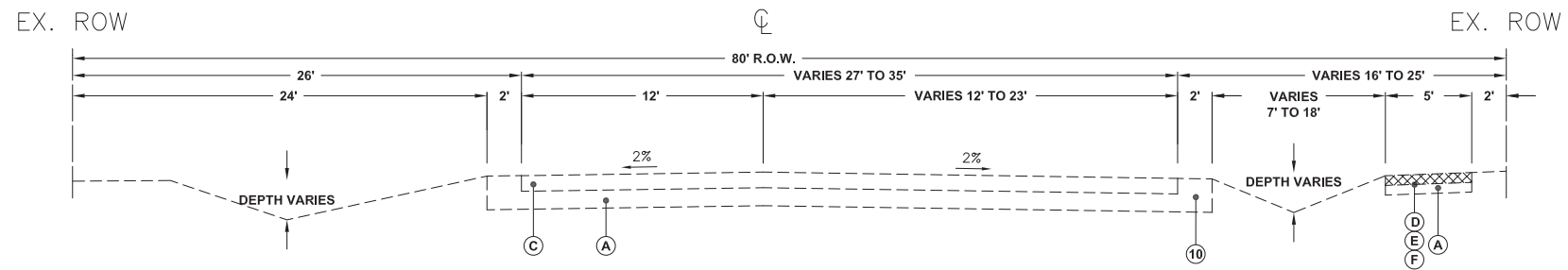


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	DATE -	REVISED -

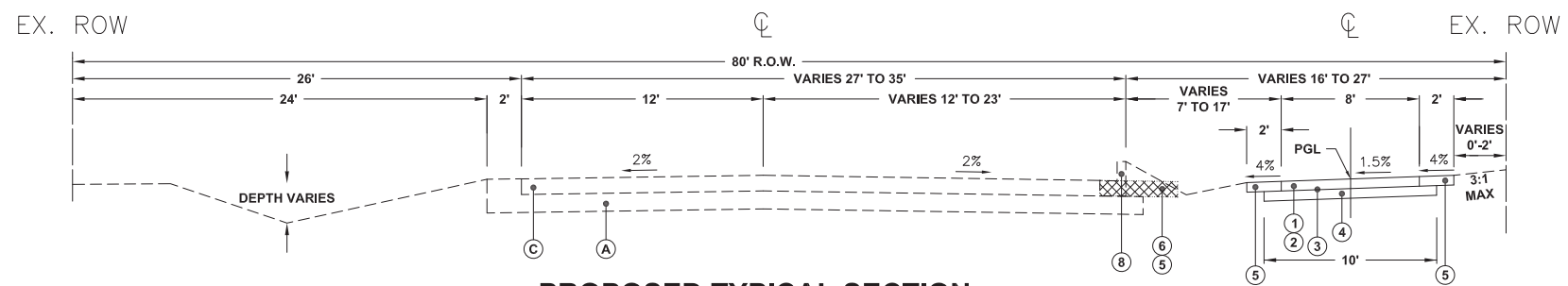
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
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STA. N/A	TO STA. N/A

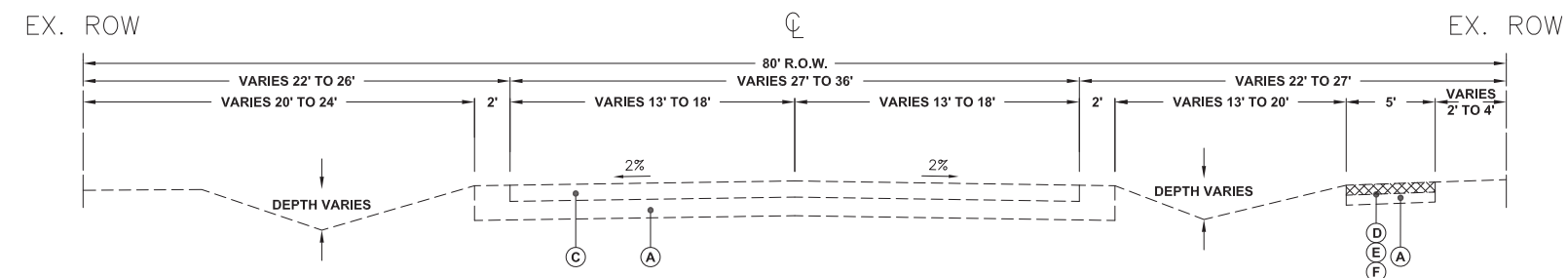
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	6
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	



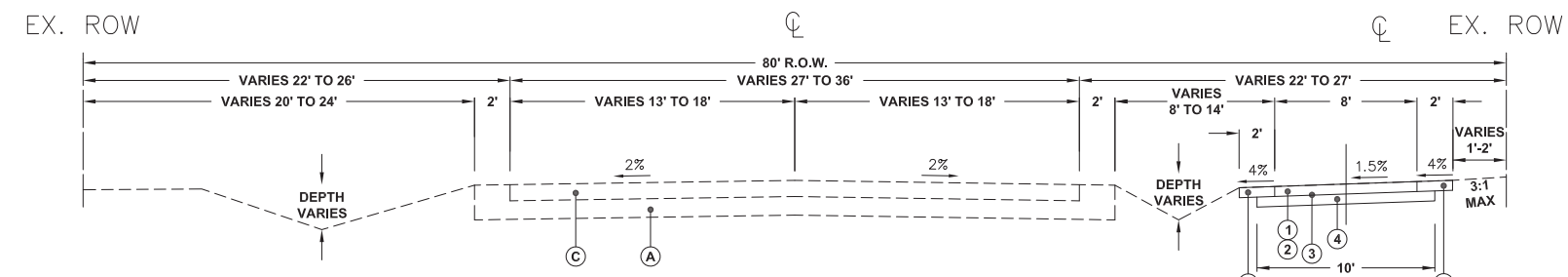
EXISTING TYPICAL SECTION
STA 51+70 TO 56+20, MONTGOMERY ROAD



PROPOSED TYPICAL SECTION
STA 51+70 TO 56+20, MONTGOMERY ROAD



EXISTING TYPICAL SECTION
STA 56+20 TO 60+08, MONTGOMERY ROAD

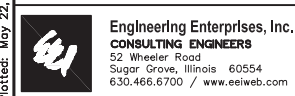


PROPOSED TYPICAL SECTION
STA 56+20 TO 60+08, MONTGOMERY ROAD

LEGEND	
(A)	EXISTING BASE
(B)	EXISTING CONCRETE CURB AND GUTTER TYPE B-6.12
(C)	EXISTING HOT-MIX ASPHALT PAVEMENT
(D)	EXISTING PORTLAND CEMENT SIDEWALK
(E)	EXISTING SIDEWALK BASE
(F)	SIDEWALK REMOVAL
(1)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 LIFTS @ 2"
(2)	BITUMINOUS MATERIALS (TACK COAT) (BETWEEN LIFTS)
(3)	BITUMINOUS MATERIALS (PRIME COAT)
(4)	AGGREGATE BASE COURSE, TYPE B, 6"
(5)	TOPSOIL (MIN. 4-INCH) SEEDING CLASS 2A FERTILIZER AND EROSION CONTROL BLANKET
(6)	PAVEMENT REMOVAL
(7)	COMBINATION CURB AND GUTTER REMOVAL
(8)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
(9)	BICYCLE RAILING (SEE DETAIL)
(10)	AGGREGATE SHOULDER, TYPE B, 4"
(11)	THERMOPLASTIC PAVEMENT MARKING LINE, 4"
(12)	PCC SIDEWALK, 5"
[Hatched Box]	REMOVAL ITEMS

Plotted: May 22, 2018 @ 9:45 AM By: Jim Schmidt - Tab: 07_Section 22x34

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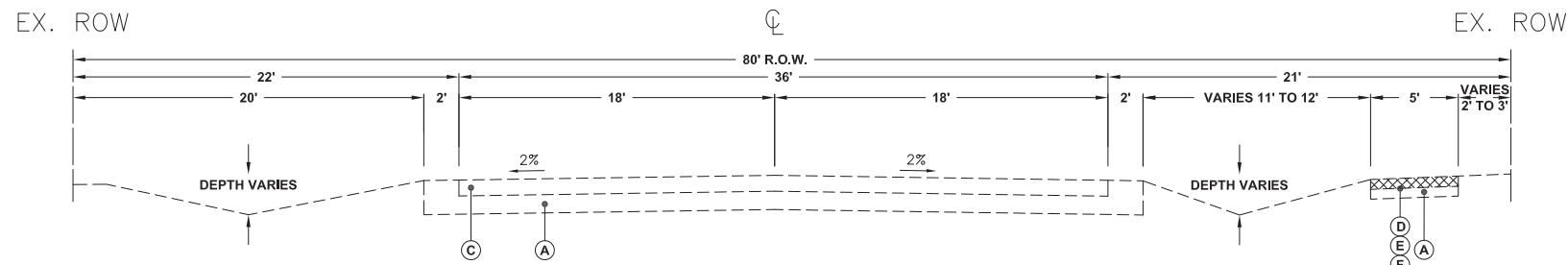


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: N/A	SHEET NO. 4 OF 5 SHEETS
STA. N/A	TO STA. N/A

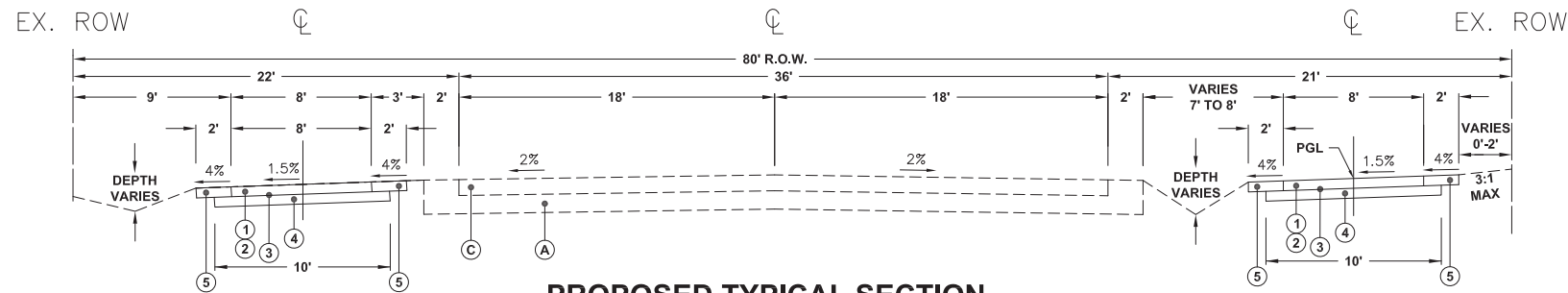
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N/A	16-00311-00-BT	DUPAGE/KANE	34	7
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	



EXISTING TYPICAL SECTION

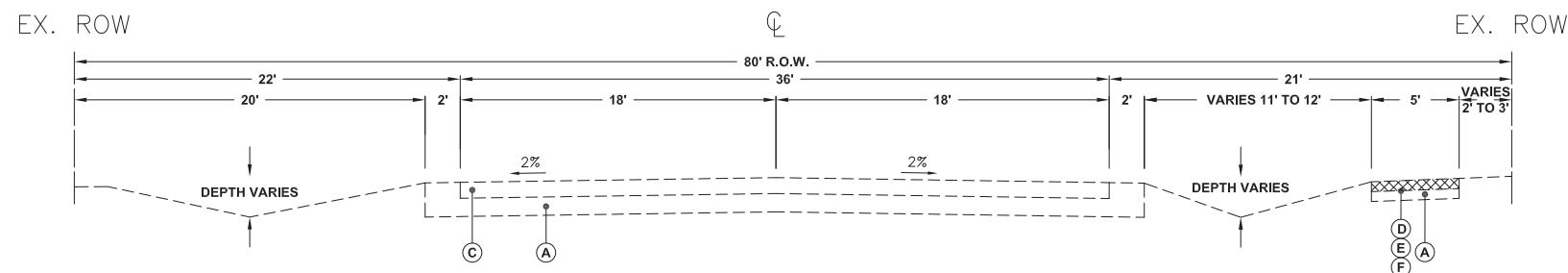
60+49 TO 63+70, MONTGOMERY ROAD
AND
106+80 TO 103+40, MONTGOMERY ROAD

- LEGEND**
- (A) EXISTING BASE
 - (B) EXISTING CONCRETE CURB AND GUTTER TYPE B-6.12
 - (C) EXISTING HOT-MIX ASPHALT PAVEMENT
 - (D) EXISTING PORTLAND CEMENT SIDEWALK
 - (E) EXISTING SIDEWALK BASE
 - (F) SIDEWALK REMOVAL
 - (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 LIFTS @ 2"
 - (2) BITUMINOUS MATERIALS (TACK COAT) (BETWEEN LIFTS)
 - (3) BITUMINOUS MATERIALS (PRIME COAT)
 - (4) AGGREGATE BASE COURSE, TYPE B, 6"
 - (5) TOPSOIL (MIN. 4-INCH) SEEDING CLASS 2A FERTILIZER AND EROSION CONTROL BLANKET
 - (6) PAVEMENT REMOVAL
 - (7) COMBINATION CURB AND GUTTER REMOVAL
 - (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (9) BICYCLE RAILING (SEE DETAIL)
 - (10) AGGREGATE SHOULDER, TYPE B, 4"
 - (11) THERMOPLASTIC PAVEMENT MARKING LINE, 4"
 - (12) PCC SIDEWALK, 5"
 - REMOVAL ITEMS



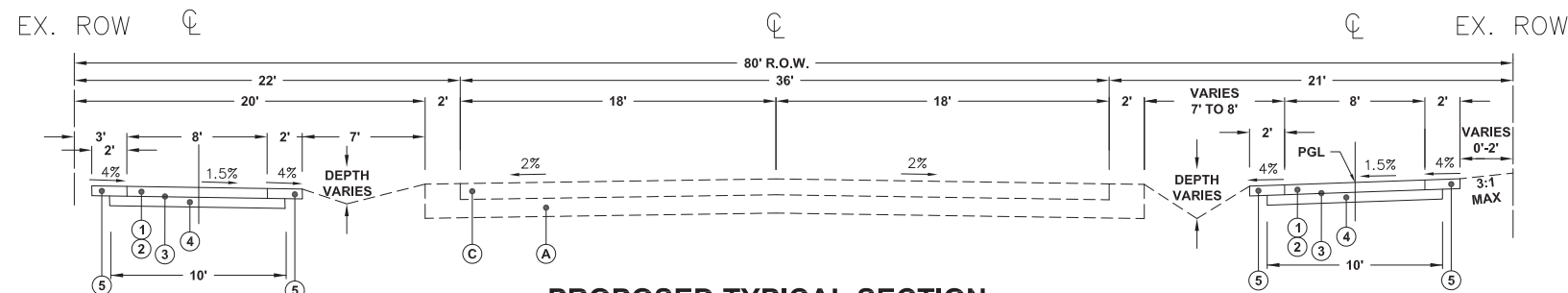
PROPOSED TYPICAL SECTION

60+49 TO 63+70, MONTGOMERY ROAD
AND
106+80 TO 103+40, MONTGOMERY ROAD



EXISTING TYPICAL SECTION

63+70 TO 66+79, MONTGOMERY ROAD
AND
103+35 TO 100+35, MONTGOMERY ROAD



PROPOSED TYPICAL SECTION

63+70 TO 66+79, MONTGOMERY ROAD
AND
103+35 TO 100+35, MONTGOMERY ROAD

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: N/A	SHEET NO. 5 OF 5 SHEETS
STA. N/A	TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	8
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

Earthwork Schedule					
		20200100			
		EARTH EXCAVATION	Excavation Adjusted for Shrinkage Factor (20%)	Embankment	Earthwork Balance Waste (+) or Shortage (-)
STATION	to STATION	From x-sections		(Fill Below B/Subgrade from x-sections)	
		A	B = 0.8A	C	D = B - C
01+04	06+50	164	132	15	117
06+50	12+00	177	142	12	130
12+00	17+50	138	111	5	106
17+50	23+00	166	133	3	130
23+00	23+49	17	14	0	14
41+94	45+00	65	52	44	8
45+00	50+50	111	89	123	-34
50+50	56+00	75	60	58	2
56+00	61+50	156	125	19	106
61+50	66+79	191	153	7	146
100+35	105+50	158	127	35	92
105+50	106+79	8	7	45	-38
Total		1426	1145	366	779

Seeding Schedule						
		21101615	25000210	25000400	25000600	25100630
		TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET
Location		SQ YD	ACRE	POUND	POUND	SQ YD
STA 1+04 to STA 6+50		534	0.12	11	11	534
STA 6+50 to STA 12+00		495	0.11	10	10	495
STA 12+00 to STA 17+50		485	0.11	10	10	485
STA 17+50 to STA 23+00		572	0.12	12	12	572
STA 23+00 to STA 23+49		54	0.02	1	1	54
STA 41+94 to STA 45+00		297	0.07	6	6	297
STA 45+00 to STA 50+50		612	0.13	12	12	612
STA 50+50 to STA 56+00		565	0.12	11	11	565
STA 56+00 to STA 61+50		567	0.12	12	12	567
STA 61+50 to STA 66+79		586	0.13	11	11	586
STA 100+35 to STA 105+50		569	0.12	11	11	569
STA 105+50 to STA 106+79		144	0.03	3	3	144
Total		5480	1.25	110	110	5480

Pavement Marking Schedule							
		78000200	78000400	78000600	78005150	78005180	X0327980
		THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	EPOXY PAVEMENT MARKING - LINE 12"	EPOXY PAVEMENT MARKING - LINE 24"	PAVEMENT MARKING REMOVAL - WATER BLASTING
Location		FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT
STA 0+96 to STA 1+04			62	80			
STA 1+40 to STA 3+98		298					
STA 2+00 to STA 3+20							80
STA 4+37 to STA 4+97			122	140			54
STA 9+08 to STA 9+32			48				
STA 10+30 to STA 10+55			52				
STA 11+22 to STA 12+80					494	205	
STA 15+25 to STA 15+59			68	75			27
STA 20+22 to STA 20+55			64	75			29
STA 42+25 to STA 42+62			75	90			34
STA 51+70 to STA 53+55		185					80
STA 53+80 to STA 54+18			75	90			46
STA 60+10 to STA 60+46			64	85			34
STA 60+66 to STA 66+74			96	105			46
Total		483	726	740	494	205	430

Tree Schedule										
		20100110	20100210	20101100	20101200	20101300	20101350	A2000116	A2004610	A2007816
		TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE TRUNK PROTECTION	TREE ROOT PRUNING	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2" CALIPER, BALLED AND BURLAPPED	TREE, GLEDITSIA TRIACANTHOS INERMIS PERFECTION (PERFECTION THORNLESS HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED
Station	Offset	UNIT	UNIT	EACH	EACH	EACH	EACH	EACH	EACH	EACH
5+48	16' RT				1	1				
7+03	13' RT				1	1				
7+51	12' RT				1	3				
08+07	8' RT				1	2				
8+30	7' RT			1	1	2				
8+53	8' RT			1	1	1				
9+49	18' RT				1					
9+80	3' RT	12								
9+80	12' RT								1	
10+12	15' RT				1					
14+32	12' RT				1					
14+89	13' RT				1	1				
15+08	15' RT				1	1				
16+04	8' RT				1	1				
17+10	17' RT				1	2				
17+12	6' LT		18							
17+12	12' LT						1			
17+83	11' RT				1	2	1			
18+91	13' RT				1					
21+30	8' LT		18							
21+30	12' LT									1
21+58	8' LT		18							
21+58	12' LT									1
22+15	15' RT				1					
22+72	19' RT				1	1				
46+60	18' RT				1					
59+08	12' RT				1	2				
103+35	17' RT				1					
106+58	8' RT		18							
106+58	12' LT								1	
Total		12	72	2	20	20	1	1	2	2

Plotted: May 29, 2018 @ 11:50 AM By: Jrm_Schmidt - Tab: 08_Schedules 22,34



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PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

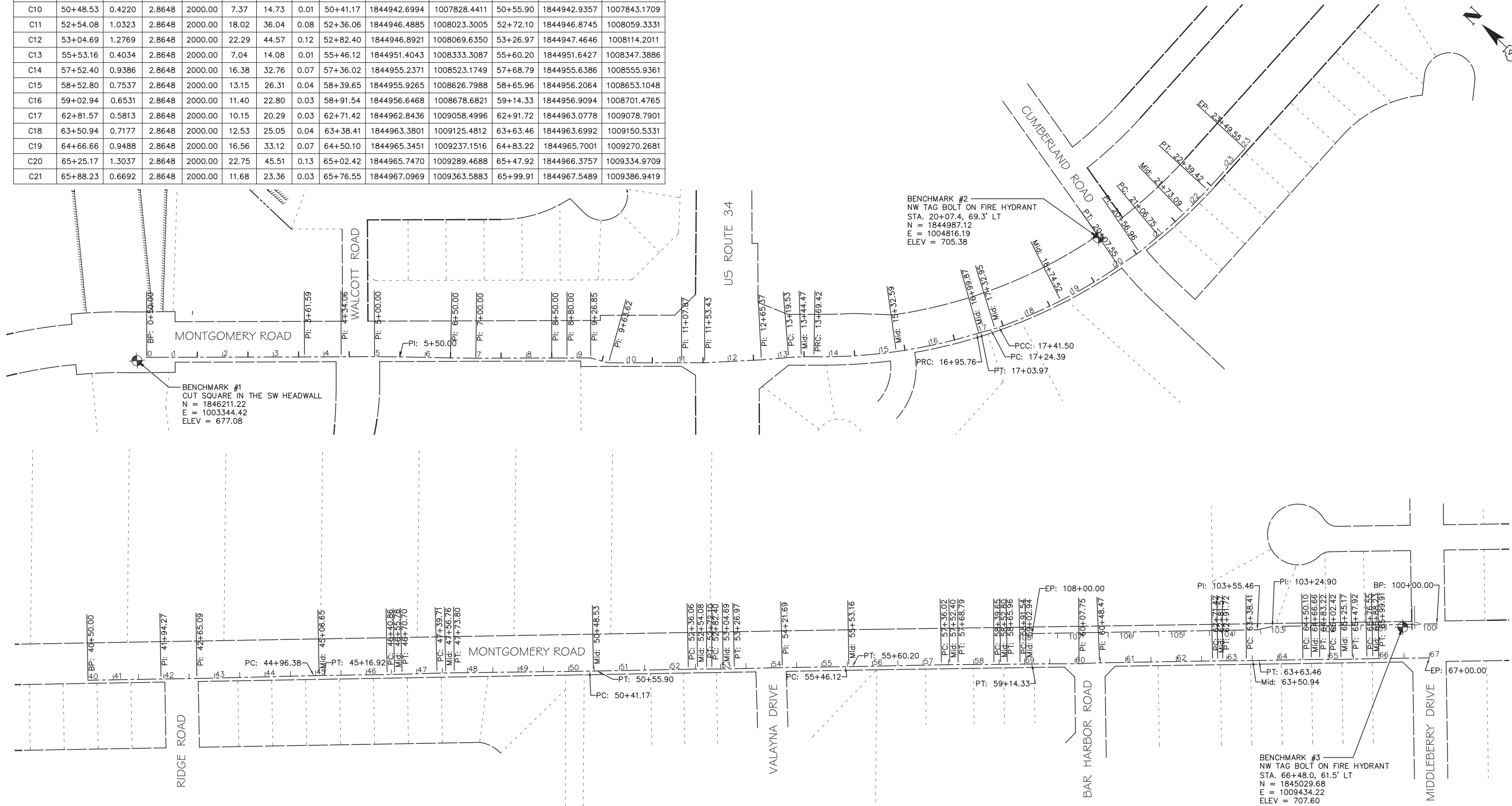
SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

Path: H:\SDS\PROJ\AU1405-B\DWG\FINAL_ENG\AU1405-B-CVR

CURVE TABLE

CURVE #	PI STA	▲	D	R	T	L	E	PC STA	PC NORTHING	PC EASTING	PT STA	PT NORTHING	PT EASTING
C1	13+44.49	5.7171	11.4592	500.00	24.97	49.89	0.62	13+19.53	1845273.3180	1004226.1132	13+69.42	1845237.9627	1004261.2858
C2	15+33.96	18.0835	5.5412	1034.00	164.54	326.35	13.01	13+69.42	1845237.9627	1004261.2858	16+95.76	1845033.5904	1004513.9777
C3	16+99.87	2.3514	28.6479	200.00	4.10	8.21	0.04	16+95.76	1845033.5904	1004513.9777	17+03.97	1845029.3512	1004521.0053
C4	17+32.95	4.9030	28.6479	200.00	8.56	17.11	0.18	17+24.39	1845018.4496	1004538.2667	17+41.50	1845009.9407	1004553.1101
C5	18+75.26	14.7419	5.5412	1034.00	133.76	266.04	8.62	17+41.50	1845009.9407	1004553.1101	20+07.55	1844919.1951	1004802.4186
C6	21+73.19	7.6782	5.7875	990.00	66.43	132.67	2.23	21+06.75	1844902.0762	1004900.0286	22+39.42	1844894.1084	1005032.3593
C7	45+06.65	0.5885	2.8648	2000.00	10.27	20.54	0.03	44+96.38	1844933.8043	1007283.7383	45+16.92	1844934.2071	1007304.2769
C8	46+55.78	0.8551	2.8648	2000.00	14.92	29.85	0.06	46+40.86	1844936.0011	1007428.1961	46+70.70	1844936.6559	1007458.0368
C9	47+56.76	0.9766	2.8648	2000.00	17.05	34.09	0.07	47+39.71	1844938.6844	1007527.0133	47+73.80	1844939.3961	1007561.0958
C10	50+48.53	0.4220	2.8648	2000.00	7.37	14.73	0.01	50+41.17	1844942.6994	1007828.4411	50+55.90	1844942.9357	1007843.1709
C11	52+54.08	1.0323	2.8648	2000.00	18.02	36.04	0.08	52+36.06	1844946.4885	1008023.3005	52+72.10	1844946.8745	1008059.3331
C12	53+04.69	1.2769	2.8648	2000.00	22.29	44.57	0.12	52+82.40	1844946.8921	1008069.6350	53+26.97	1844947.4646	1008114.2011
C13	55+53.16	0.4034	2.8648	2000.00	7.04	14.08	0.01	55+46.12	1844951.4043	1008333.3087	55+60.20	1844951.6427	1008347.3886
C14	57+52.40	0.9386	2.8648	2000.00	16.38	32.76	0.07	57+36.02	1844955.2371	1008523.1749	57+68.79	1844955.6386	1008555.9361
C15	58+52.80	0.7537	2.8648	2000.00	13.15	26.31	0.04	58+39.65	1844955.9265	1008626.7988	58+65.96	1844956.2064	1008653.1048
C16	59+02.94	0.6531	2.8648	2000.00	11.40	22.80	0.03	58+91.54	1844956.6468	1008678.6821	59+14.33	1844956.9094	1008701.4765
C17	62+81.57	0.5813	2.8648	2000.00	10.15	20.29	0.03	62+71.42	1844962.8436	1009058.4996	62+91.72	1844963.0778	1009078.7901
C18	63+50.94	0.7177	2.8648	2000.00	12.53	25.05	0.04	63+38.41	1844963.3801	1009125.4812	63+63.46	1844963.6992	1009150.5331
C19	64+66.66	0.9488	2.8648	2000.00	16.56	33.12	0.07	64+50.10	1844965.3451	1009237.1516	64+83.22	1844965.7001	1009270.2681
C20	65+25.17	1.3037	2.8648	2000.00	22.75	45.51	0.13	65+02.42	1844965.7470	1009289.4688	65+47.92	1844966.3757	1009334.9709
C21	65+88.23	0.6692	2.8648	2000.00	11.68	23.36	0.03	65+76.55	1844967.0969	1009363.5883	65+99.91	1844967.5489	1009386.9419



Plotted: May 29, 2018 @ 8:33 AM By: Jim Schmidt - Tab: 10 Alignment 22x34

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	DATE -	REVISED -

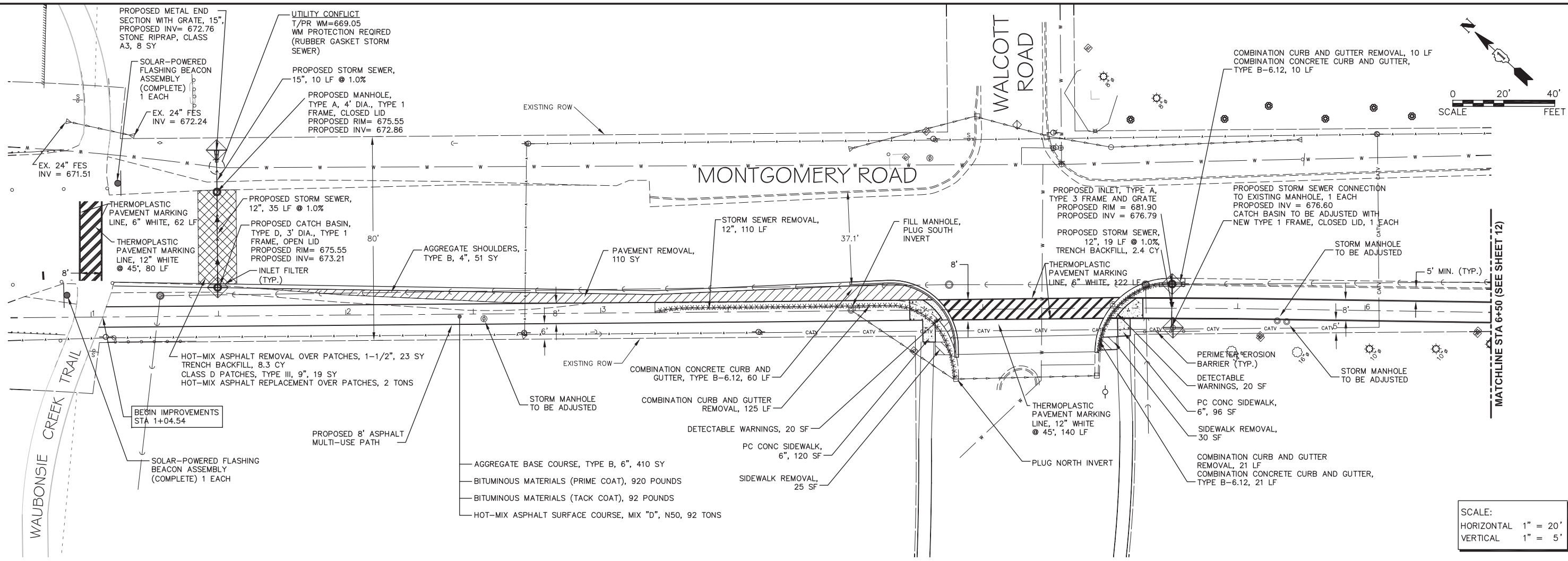
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES
 AND BENCHMARKS**

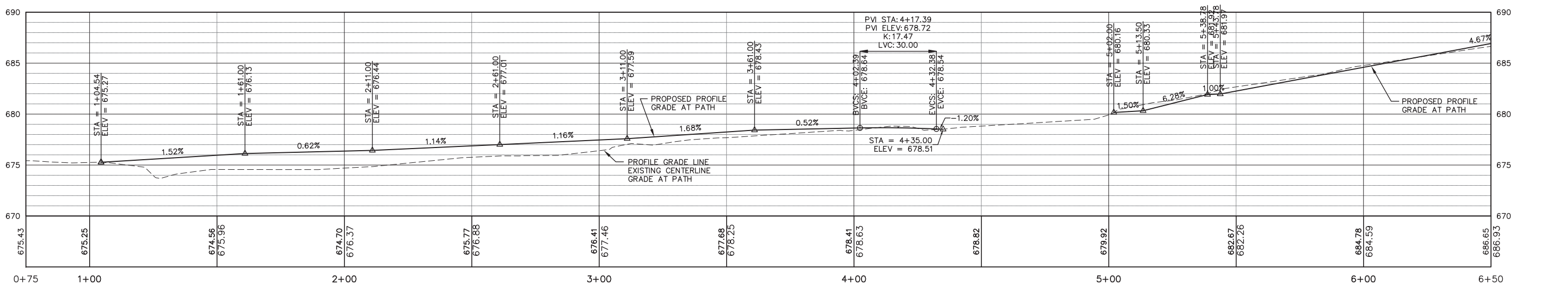
SCALE: 1"=100' SHEET NO. 1 OF 1 SHEETS STA. 0+50 TO STA. 67+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	10
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

Path: H:\SDSR\PROJ\AU1405-B\DWG\FINAL_ENG\AU1405-B.dwg



MONTGOMERY ROAD



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PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

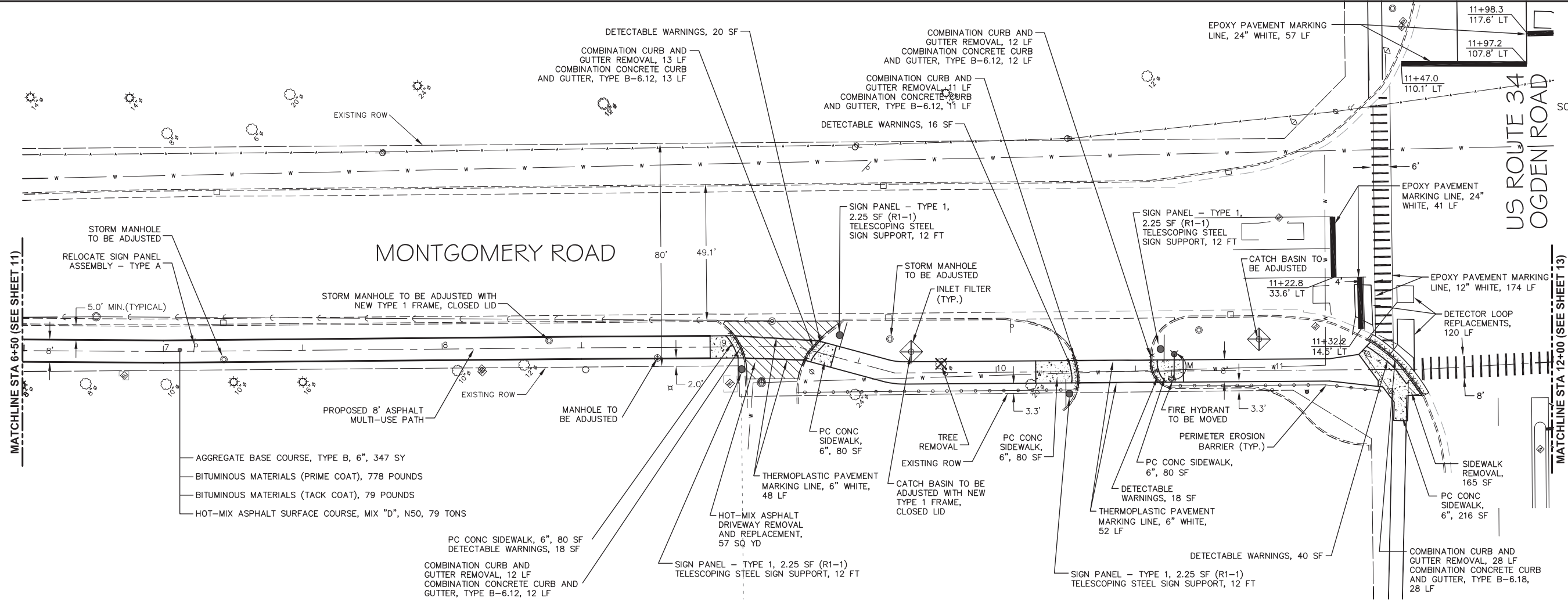
SCALE: 1" = 20'

SHEET NO. 1 OF 12 SHEETS

STA. 1+04.54 TO STA. 6+50

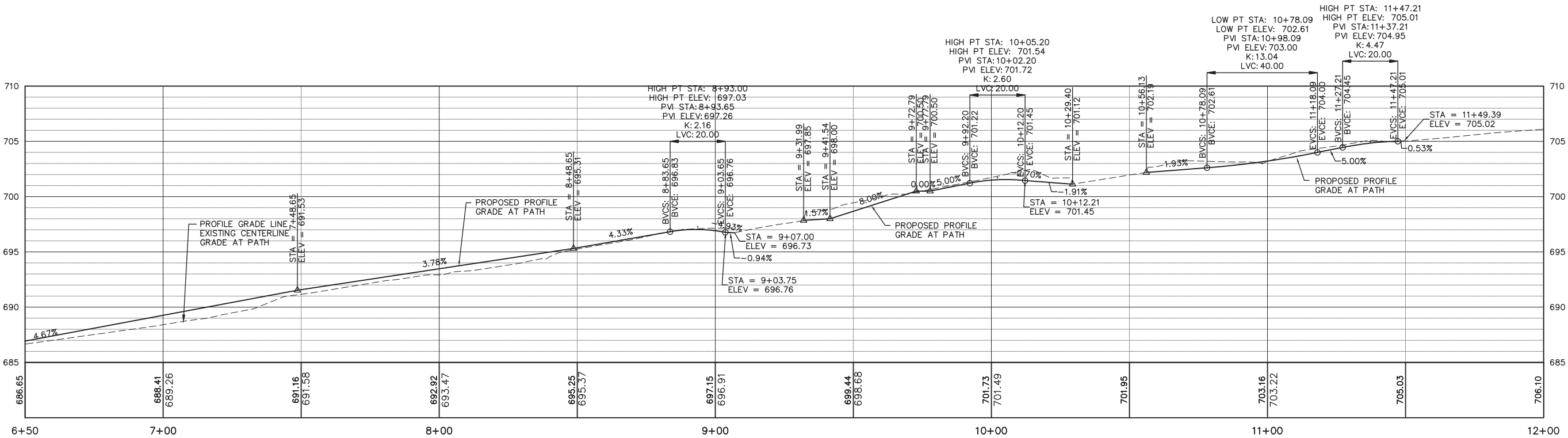
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	11
CONTRACT NO. 61E88			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

Path: H:\SOSKPROJ\AU1405-B\DWG\FINAL ENG\AU1405-B-P-P-SHEETS - WEST



SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

MONTGOMERY ROAD



Plotted: May 25, 2018 @ 11:12 AM By: Jim Schmidt - Tab: 02_P&P_2_22x34

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USER NAME	DESIGNED	REVISION
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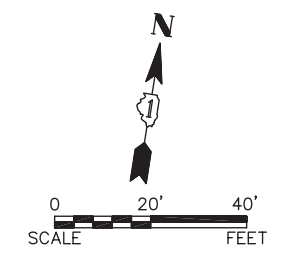
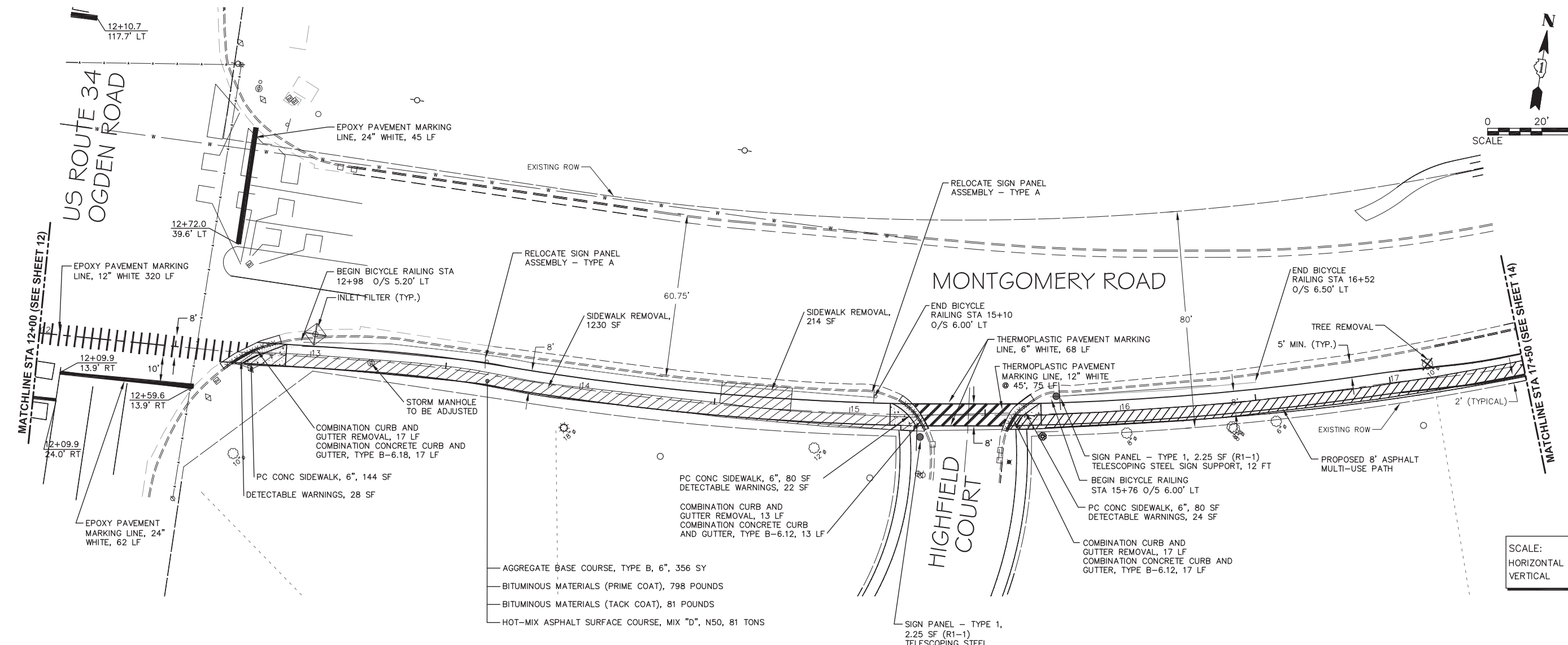
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

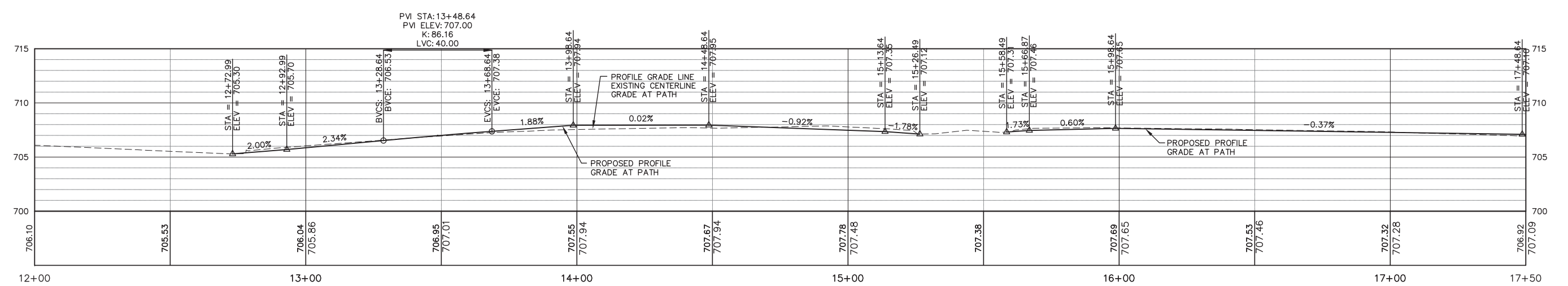
SCALE: 1" = 20' SHEET NO. 2 OF 12 SHEETS STA. 6+50 TO STA. 12+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	12
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 61E88	

Path: H:\SDSKPROJ\AU1405-B\DWG\FINAL_ENG\AU1405-B-P-SHEETS - WEST



SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'



PVI STA: 13+48.64
 PVI ELEV: 707.00
 K: 86.16
 LVC: 40.00

Plotted: May 25, 2018 @ 11:17 AM By: Jim Schmidt - Tab: 03.P&P.2.22x34

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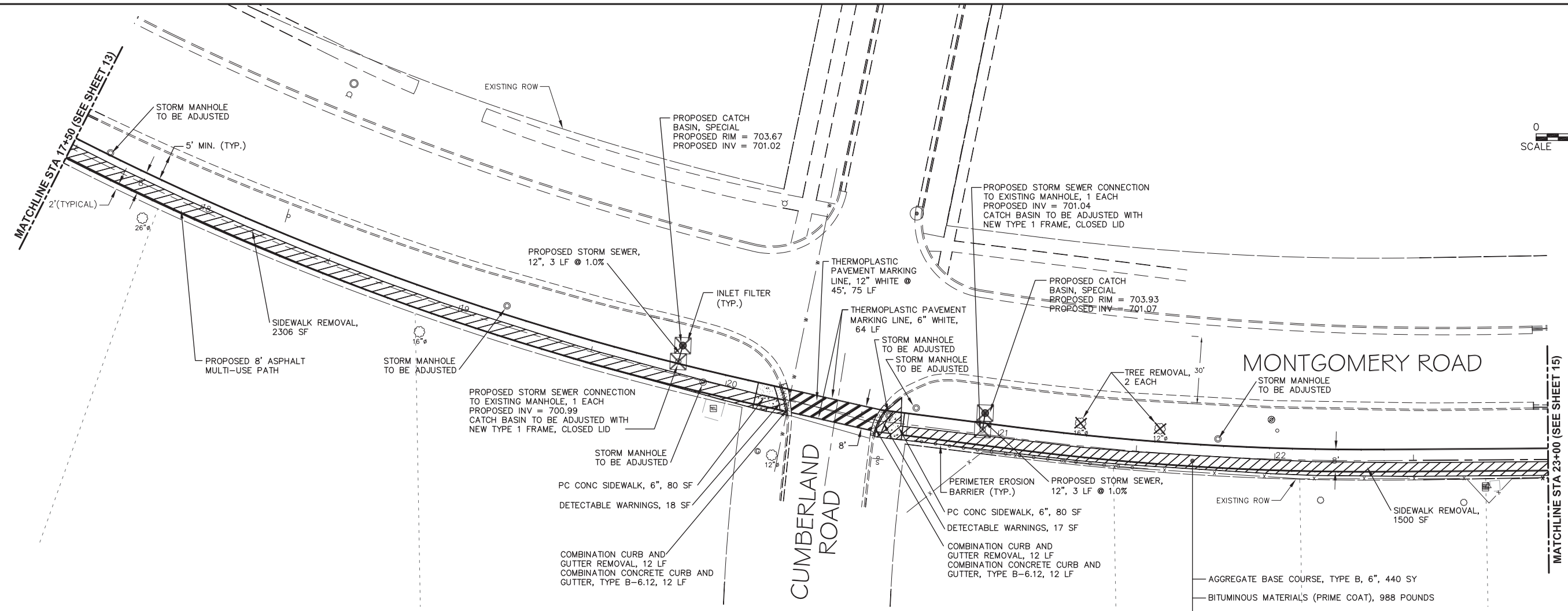
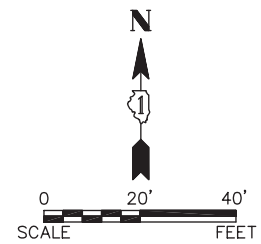
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DRAWN	REVISED	REVISED
PLOT SCALE	CHECKED	REVISED
PLOT DATE	DATE	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
 SCALE: 1" = 20' SHEET NO. 3 OF 12 SHEETS STA. 12+00 TO STA. 17+50

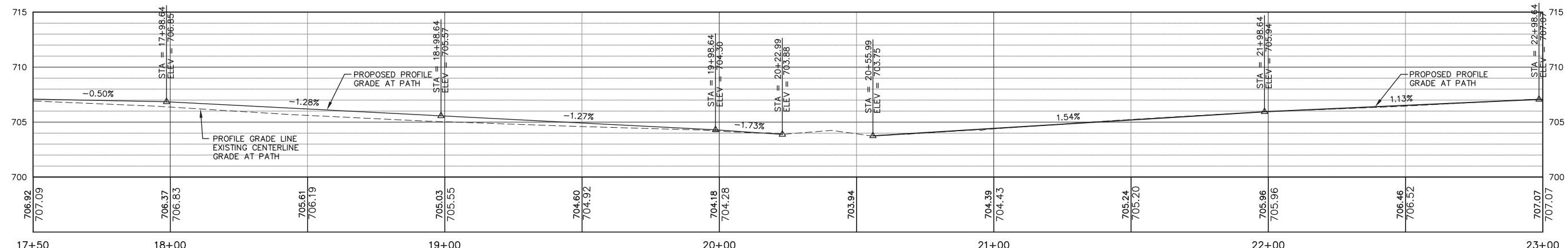
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

Path: S:\S\PROJECTS\16-00311-00-BT\DWG\FINAL\ENG\16-00311-00-BT-P-SHEETS - WEST



- AGGREGATE BASE COURSE, TYPE B, 6", 440 SY
- BITUMINOUS MATERIALS (PRIME COAT), 988 POUNDS
- BITUMINOUS MATERIALS (TACK COAT), 99 POUNDS
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 99 TONS

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'



Plotted: May 25, 2018 @ 11:20 AM By: Jim Schmidt - Tab: 04.P&P.2.22x34

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	DATE -	REVISED -

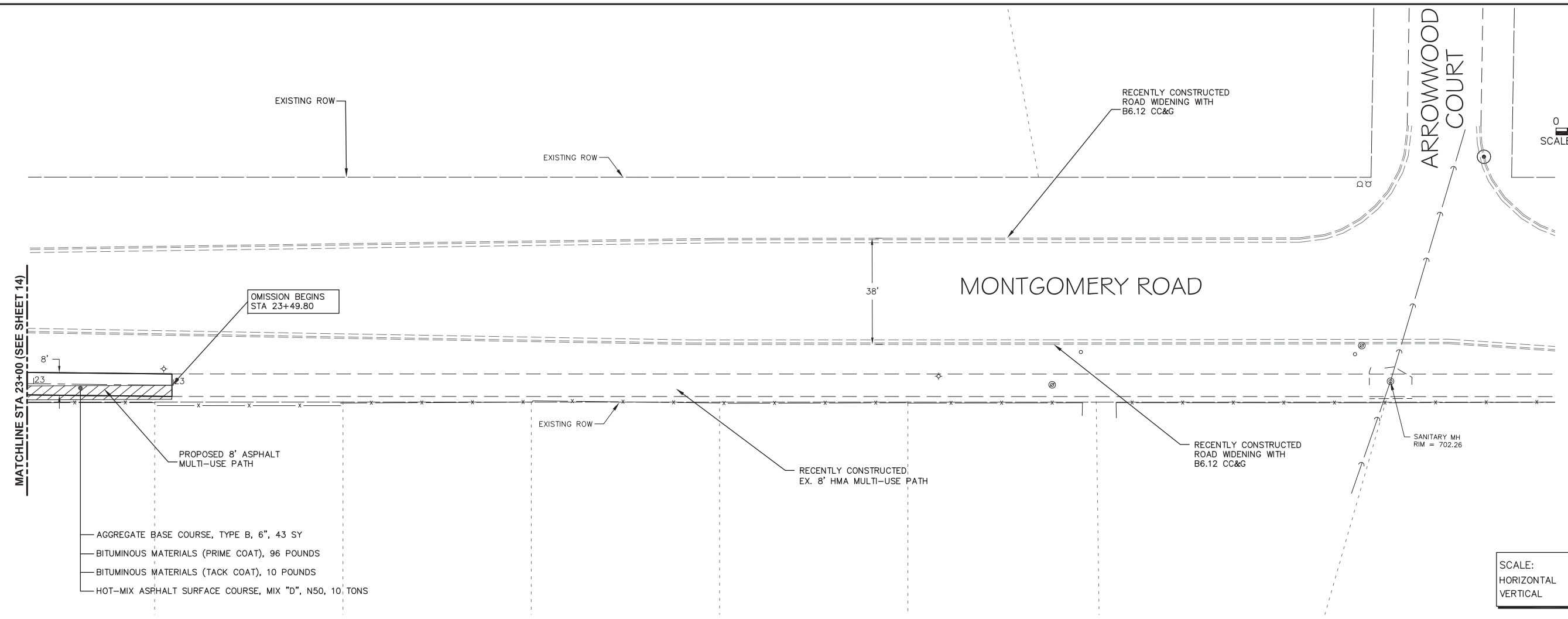
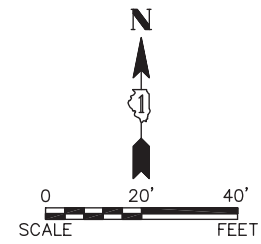
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1" = 20' SHEET NO. 4 OF 12 SHEETS STA. 17+50 TO STA. 23+00

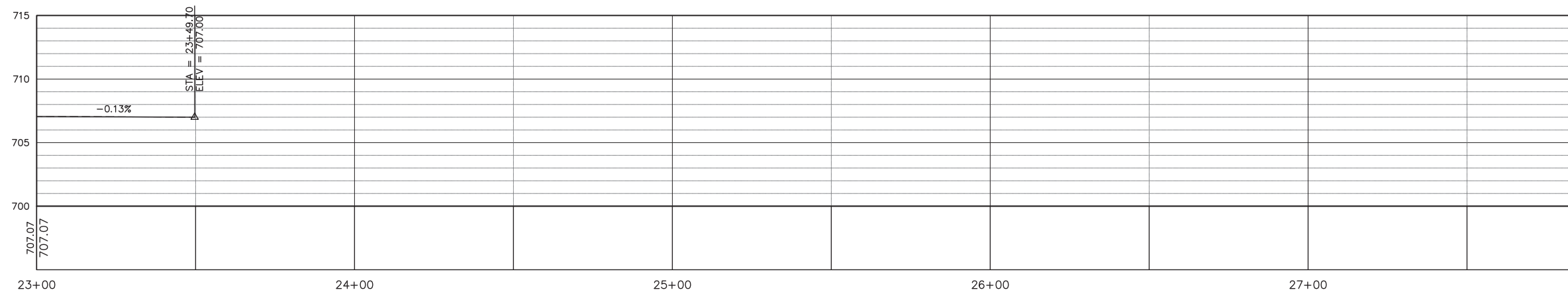
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	14
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

Path: H:\SDSKPROJ\AU1405-B\DWG\FINAL_ENG\AU1405-B-P-SHEETS - WEST



SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

MONTGOMERY ROAD



Plotted: April 23, 2018 @ 1:49 PM By: Matt Toyor - Tab: 05 P&P 2 22x34

Path: H:\SDSKRPROJ\AU1405-B\DWG\FINAL_ENG\AU1405-B-P-P-SHEETS - WEST

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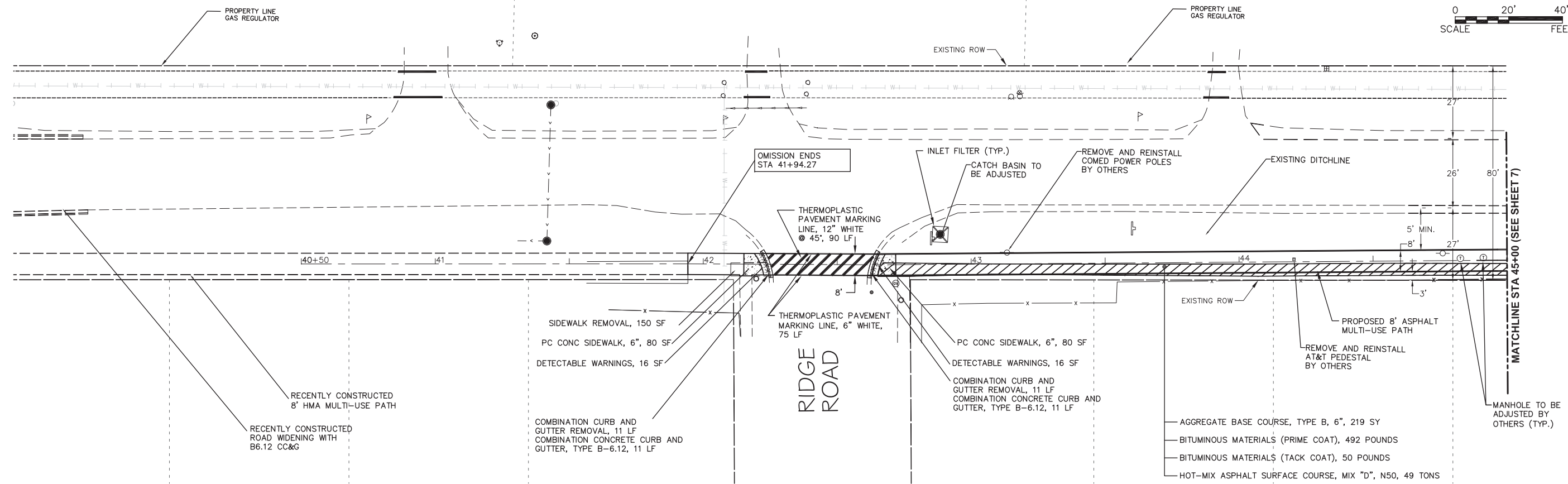
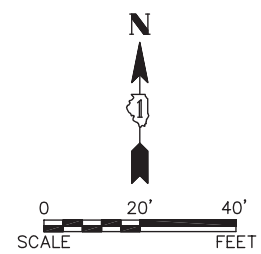
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

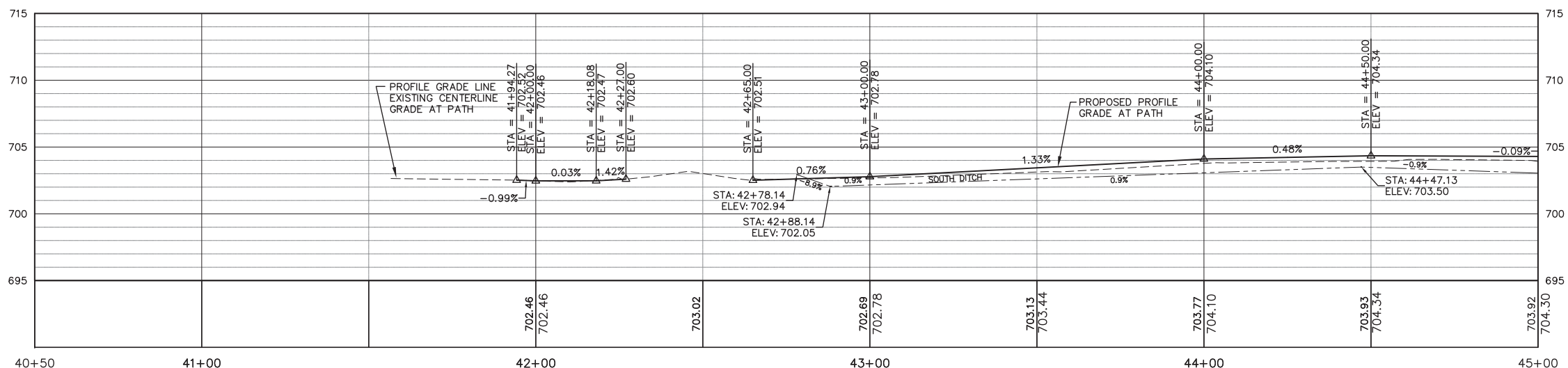
SCALE: 1" = 20' SHEET NO. 5 OF 12 SHEETS STA. 23+00 TO STA. 23+50.39

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3819	16-00311-00-BT	DUPAGE	34	15
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	



MONTGOMERY ROAD

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'



Plotted: May 29, 2018 @ 7:23 AM By: Jim Schmidt - Tab: 06 P&P 2 22x34



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DRAWN -	REVISÉ -	
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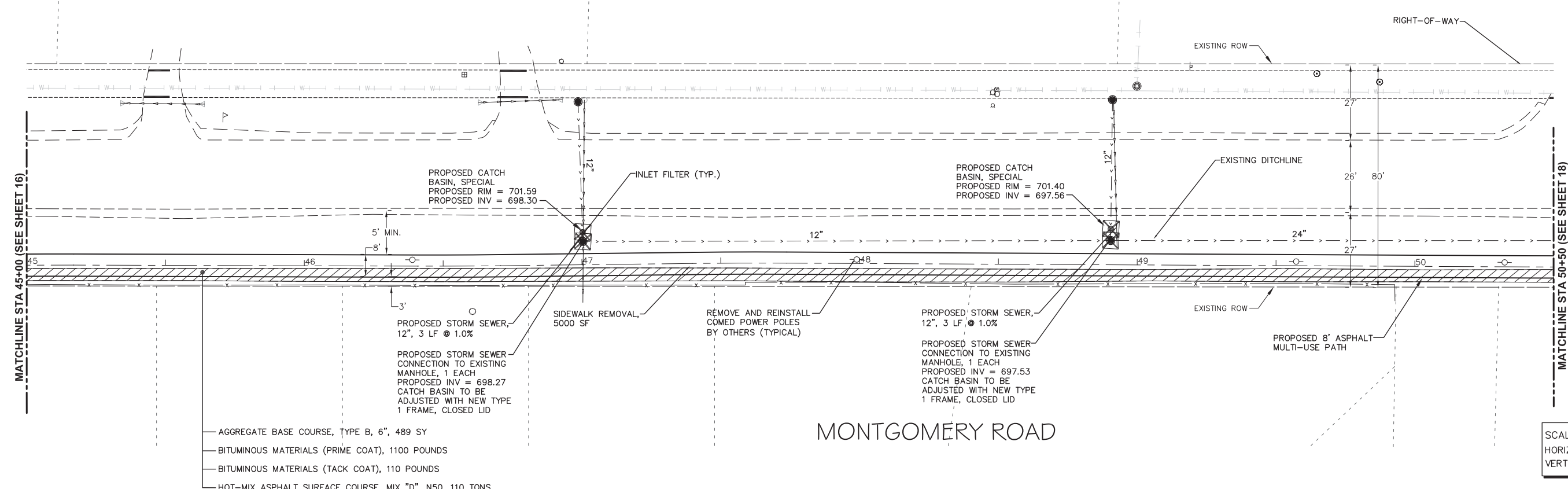
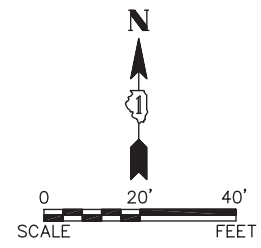
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1" = 20' SHEET NO. 6 OF 12 SHEETS STA. 41+94.27 TO STA. 45+00

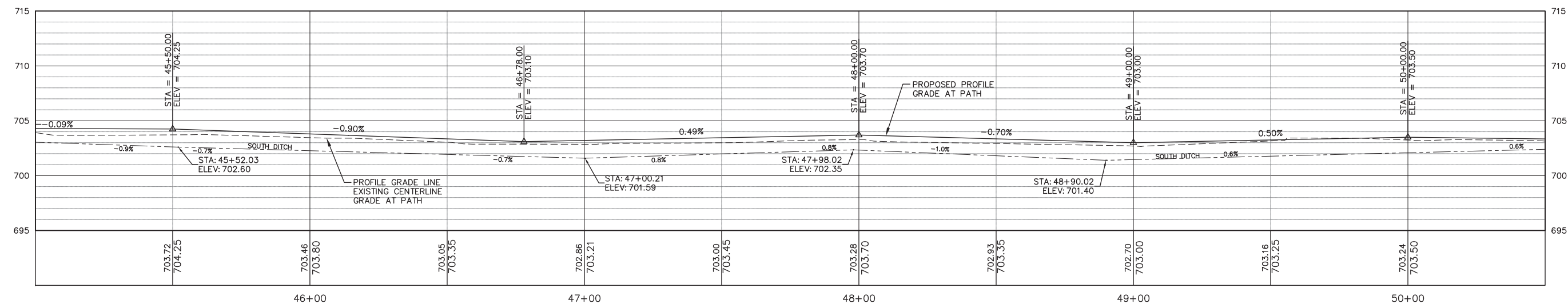
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	16
CONTRACT NO. 61E88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Path: H:\SDS\PROJ\AU1405-B\DWG FINAL ENG\AU1405-B P-P SHEETS - EAST



MONTGOMERY ROAD

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'



Plotted: May 29, 2018 @ 7:26 AM By: Jim Schmidt - Tab: 07_P&P 2_22x34

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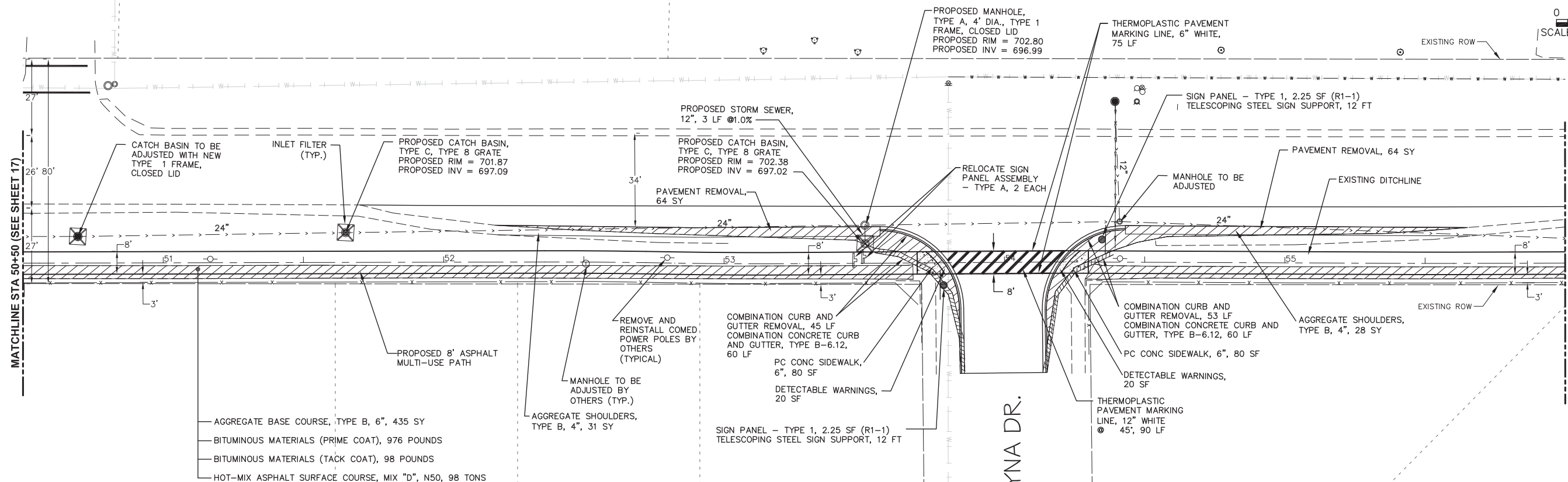
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PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
SCALE: 1" = 20' SHEET NO. 7 OF 12 SHEETS STA. 45+00 TO STA. 50+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	17
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

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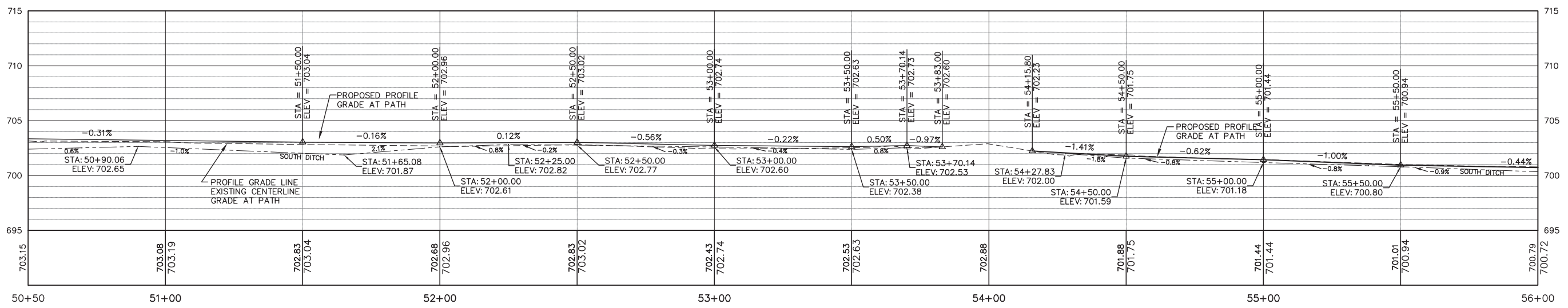
MATCHLINE STA 50+50 (SEE SHEET 17)

MATCHLINE STA 56+00 (SEE SHEET 19)

MONTGOMERY ROAD

VALAYNA DR.

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'



Plotted: May 29, 2018 @ 7:32 AM By: Jim Schmidt - Tab: 08 P&P 2 22x34



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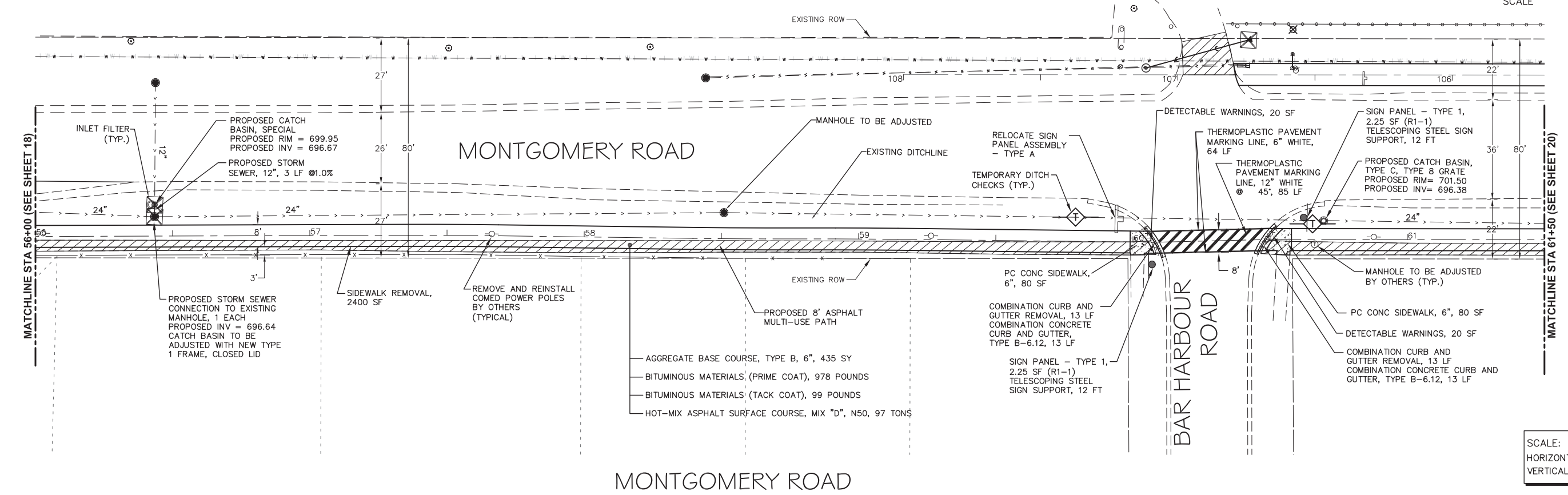
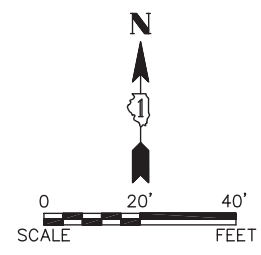
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

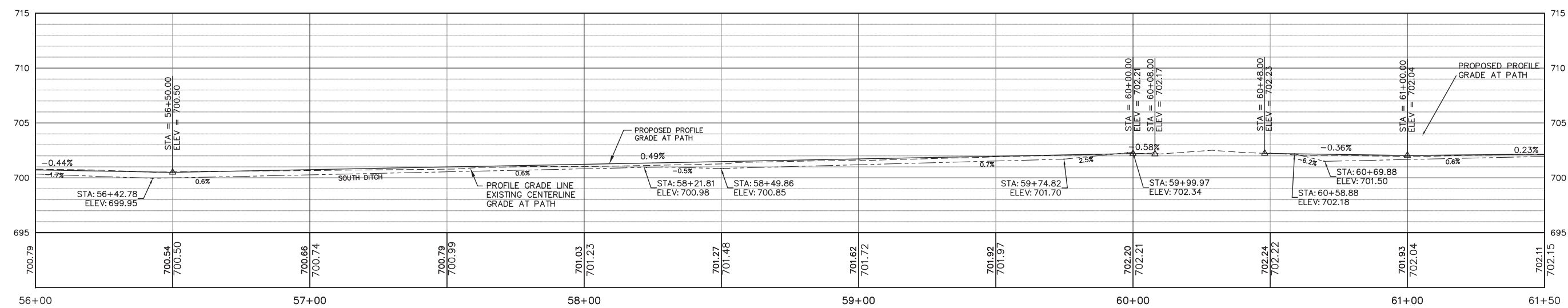
SCALE: 1" = 20' SHEET NO. 8 OF 12 SHEETS STA. 50+50 TO STA. 56+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	18
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 61E88	

Path: S:\S\PROJ\AU1405-B\DWG\FINAL_ENG\AU1405-B-P-SHEETS - EAST



SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'



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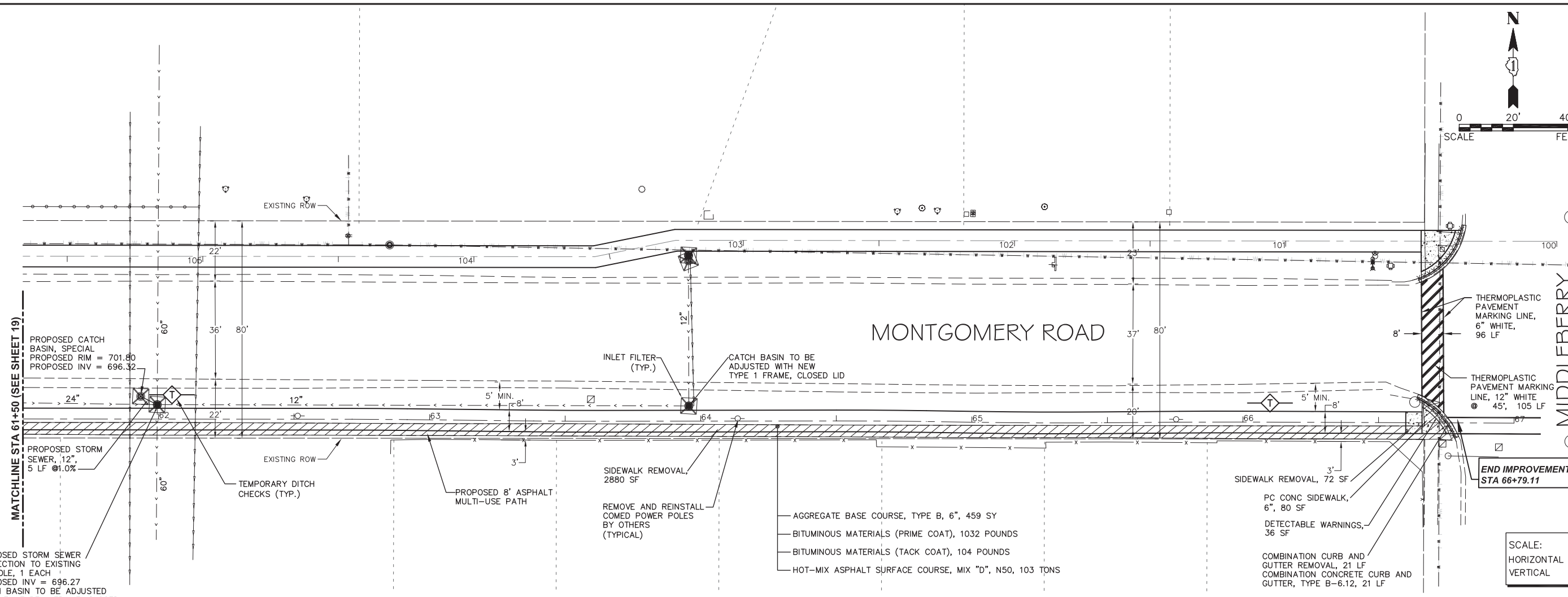
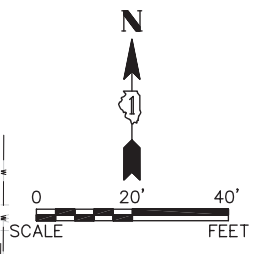
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PLOT DATE	CHECKED	REVISIONS
	DATE	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20'	SHEET NO. 9 OF 12 SHEETS	STA. 56+00 TO STA. 61+50
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	19
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

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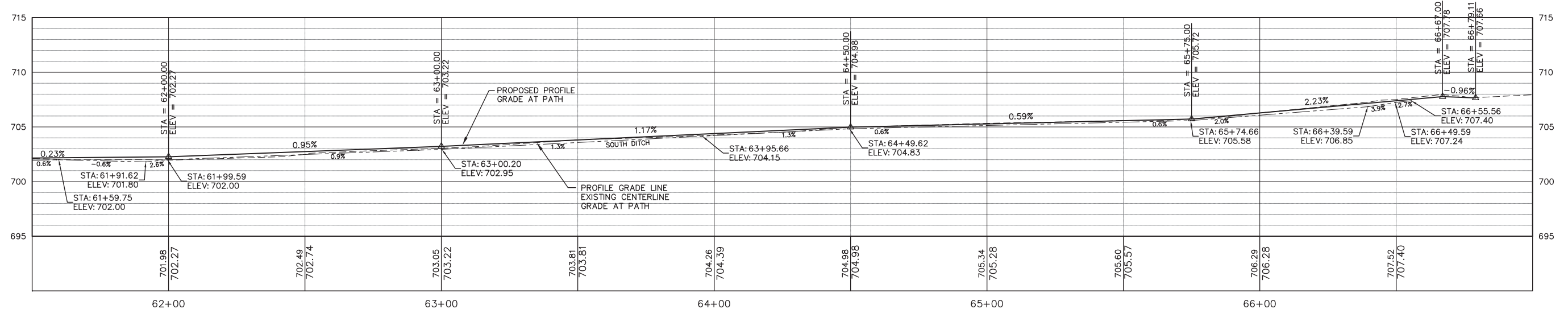
MATCHLINE STA 61+50 (SEE SHEET 19)

PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE, 1 EACH
 PROPOSED INV = 696.27
 CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID, 1 EACH

END IMPROVEMENTS
 STA 66+79.11

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

MONTGOMERY ROAD



Plotted: May 29, 2018 @ 10:08 AM By: Jim Schmidt - Tab: 10 P&P 2 22x34

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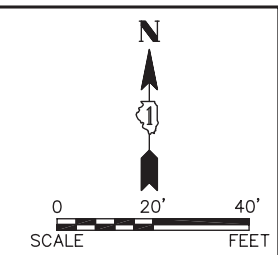
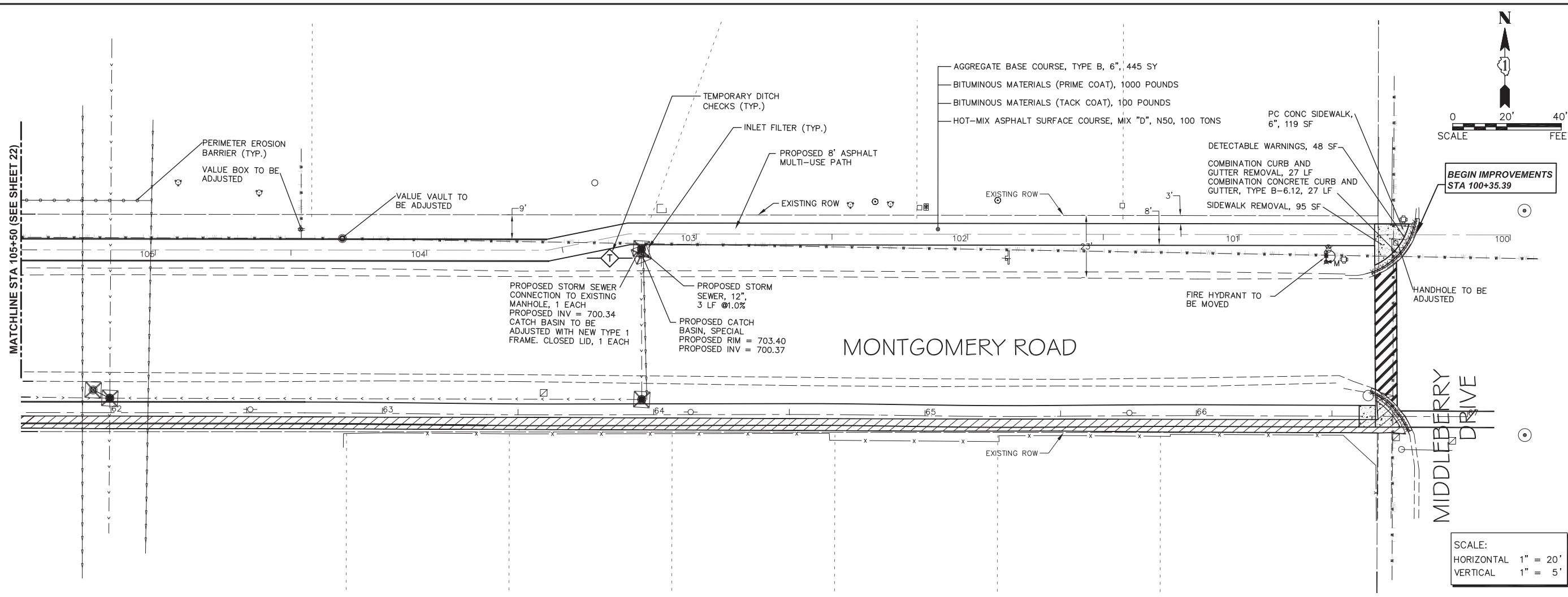
USER NAME	DESIGNED	REVISÉ
PLOT SCALE	DRAWN	REVISÉ
PLOT DATE	CHECKED	REVISÉ
	DATE	REVISÉ

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

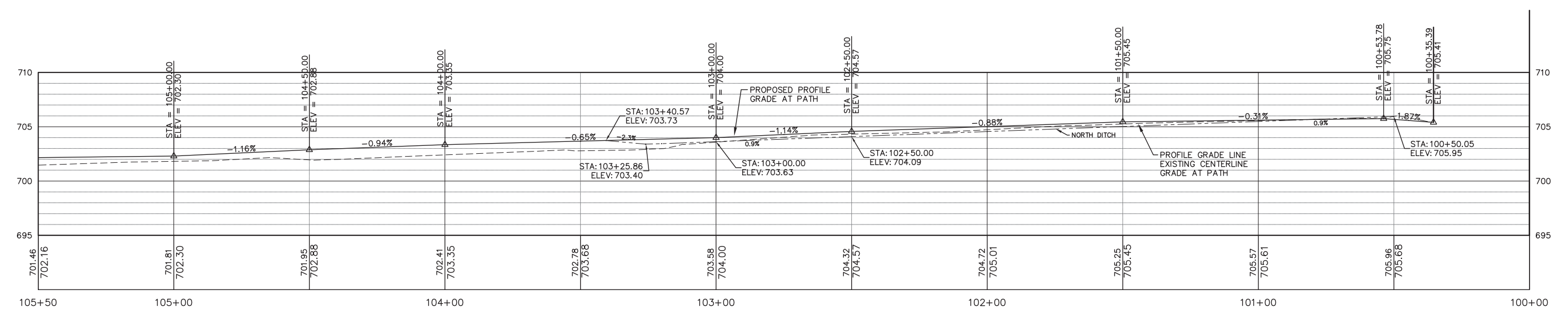
PLAN AND PROFILE
 SCALE: 1" = 20' SHEET NO. 10 OF 12 SHEETS STA. 61+50 TO STA. 66+79.11

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	20
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

Path: H:\SDSKPROJ\AU1405-B\DWG\FINAL_ENG\AU1405-B-P-SHEETS - EAST



SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'



Plotted: May 29, 2018 @ 10:06 AM By: Jim Schmidt - Tab: 11 P&E 2.22x34

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 Sugar Grove, Illinois 60554
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DRAWN -	REVISOR -	REVISOR -
PLOT SCALE *	CHECKED -	REVISOR -
PLOT DATE *	DATE -	REVISOR -

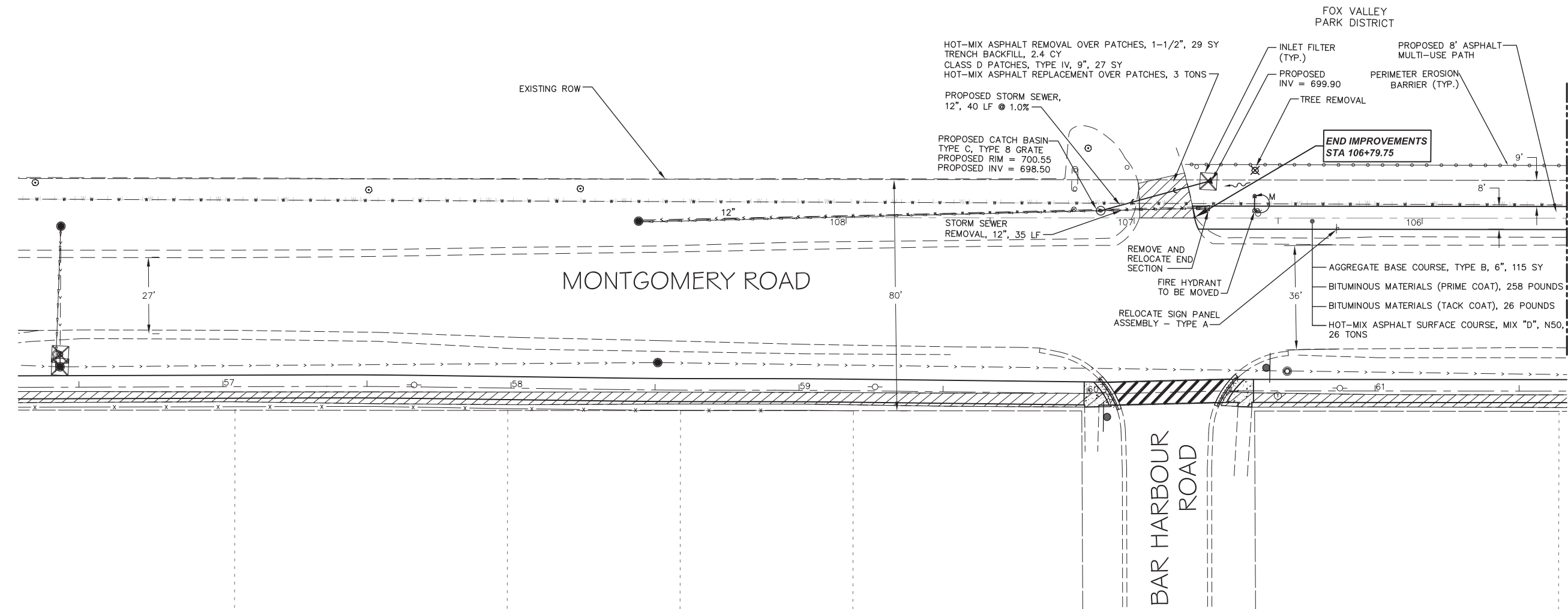
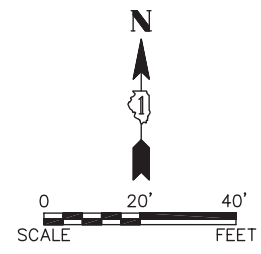
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

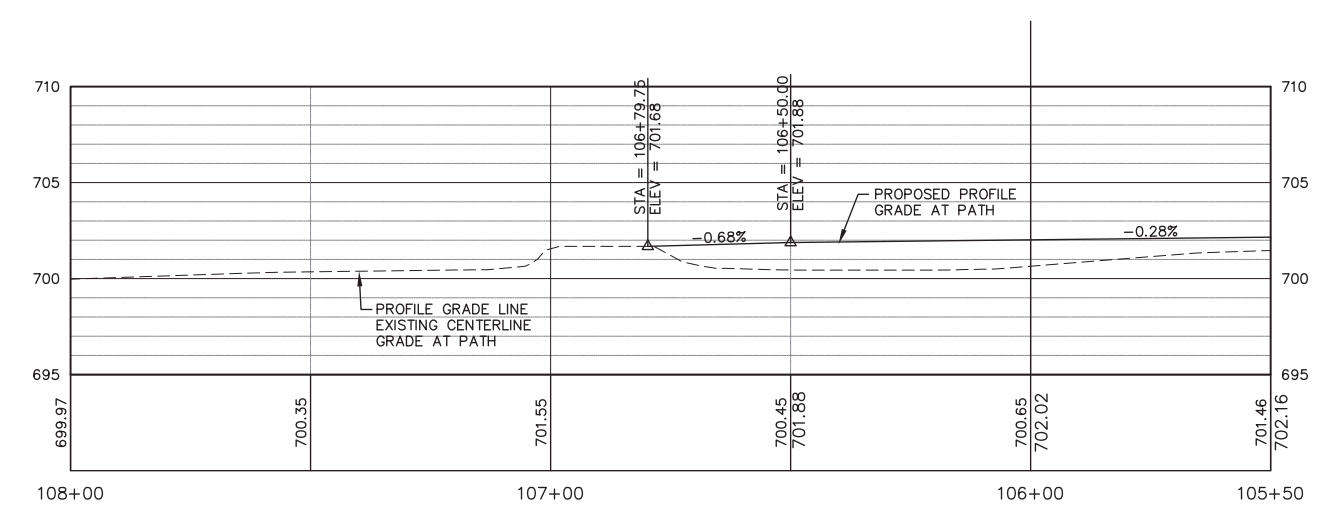
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	21
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

Path: H:\SDSKPROJ\AU1405-B\DWG\FINAL\ENG\AU1405-B-P-P-SHEETS - EAST



SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'



Plotted: May 29, 2018 @ 7:58 AM By: Jim Schmidt - Tab: 12 P&P 2 22x34

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DRAWN -	REVISOR -	REVISIONS -
PLOT SCALE =	CHECKED -	REVISIONS -
PLOT DATE =	DATE -	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

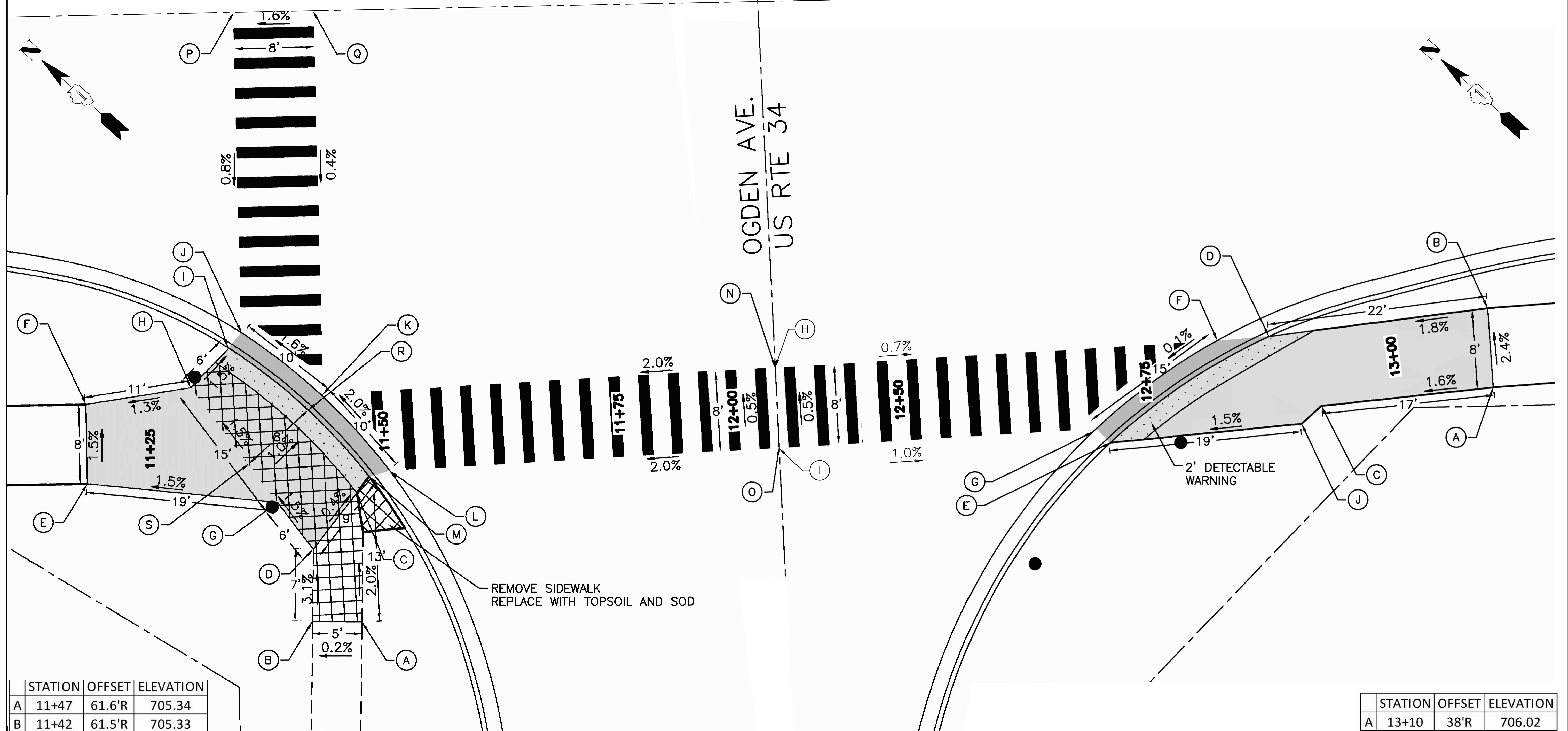
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

Path: S:\SR\PROJ\AU1405-B\DWG\FINAL_ENG\AU1405-B-P-P-SHEETS - EAST

☐ MONTGOMERY ROAD

OGDEN AVE.
US RTE 34



REMOVE SIDEWALK
REPLACE WITH TOPSOIL AND SOD

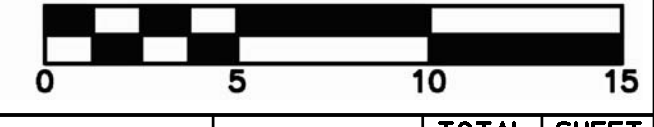
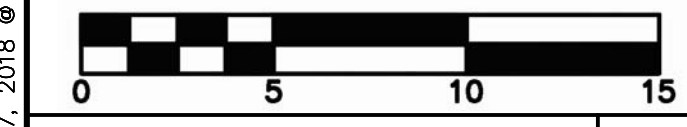
STATION	OFFSET	ELEVATION
A	11+47	61.6'R 705.34
B	11+42	61.5'R 705.33
C	11+47	48.6'R 705.08
D	11+42	54.2'R 705.11
E	11+20	47.2'R 704.78
F	11+20	39.2'R 704.66
G	11+37	47.2'R 705.02
H	11+31	37.7'R 704.8
I	11+35	33.7'R 704.71
J	11+36	31.7'R 704.74
K	11+44	40.1'R 704.9

STATION	OFFSET	ELEVATION
L	11+52	33.9'R 705.1
M	11+48	47'R 705.07
N	12+02	36.3'R 706.06
O	12+02	44.3'R 706.1
P	11+37	0'R 704.93
Q	11+45	0'R 705.05
R	11+43	40.2'R 704.87
S	11+37	46.1'R 704.95

LEGEND

- (XX.XX') EXISTING LENGTH/ELEVATION
- (%) EXISTING SLOPE
- SIDEWALK REMOVAL REPLACE W/PATH SURFACE
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- PROPOSED ADA RAMP
- DETECTABLE WARNINGS

STATION	OFFSET	ELEVATION
A	13+10	38'R 706.02
B	13+10	30'R 705.83
C	12+92	39.7'R 705.74
D	12+88	32.6'R 705.44
E	12+71	43.0'R 705.42
F	12+82	33.0'R 705.47
G	12+70	41.5'R 705.45
H	12+02	36.3'R 706.06
I	12+02	44.3'R 706.1
J	12+90	41.4'R 705.71



USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAILS

SCALE: N/A SHEET NO. 1 OF 2 SHEETS STA. N/A TO STA. N/A

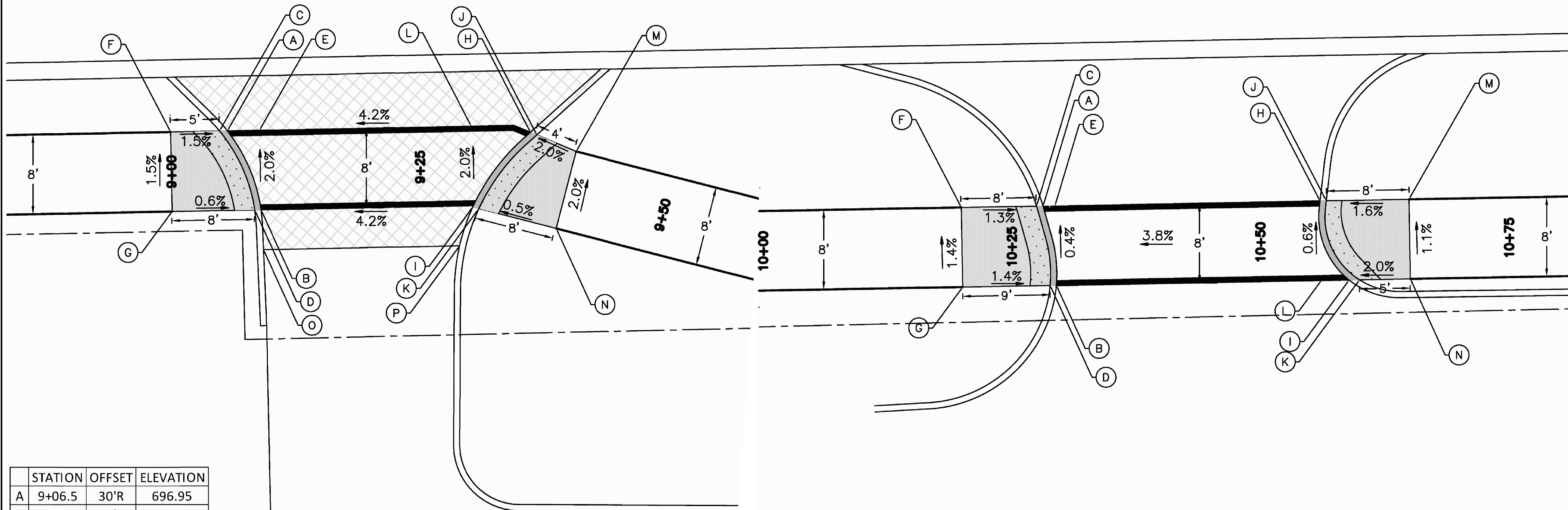
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	23
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 61E88	

Plotfile: July 27, 2018 @ 10:12 AM By: Jim Schmidt - Job: 23 ADA PLAN 22x34

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MONTGOMERY ROAD

MONTGOMERY ROAD



STATION	OFFSET	ELEVATION	
A	9+06.5	30'R	696.95
B	9+09.5	38'R	697.13
C	9+04.9	30'R	696.97
D	9+08.3	38'R	697.11
E	9+09.1	30'R	696.97
F	9+00	30'R	697.04
G	9+00	38'R	697.16
H	9+34.4	30.7'R	697.78
I	9+29.6	38.1'R	697.98
J	9+35.8	31'R	697.80
K	9+32	38.3'R	698.00
L	9+29.6	30'R	697.82
M	9+40	32.7'R	697.88
N	9+40	40.4'R	698.04
O	9+09	42'R	697.71
P	9+29	42'R	698.23

STATION	OFFSET	ELEVATION	
A	10+29	39'R	701.09
B	10+30	47'R	701.17
C	10+27.6	39'R	701.11
D	10+28.8	47'R	701.19
E	10+30.0	39'R	701.14
F	10+20	39'R	701.21
G	10+20	47'R	701.32
H	10+55.4	39'R	702.11
I	10+57.9	47'R	702.23
J	10+56.7	39'R	702.13
K	10+59.9	47'R	702.25
L	10+55.4	47'R	702.16
M	10+65	39'R	702.26
N	10+65	47'R	702.35

LEGEND

(XX.XX') EXISTING LENGTH/ELEVATION

(%) EXISTING SLOPE

SIDEWALK REMOVAL
REPLACE W/PATH SURFACE

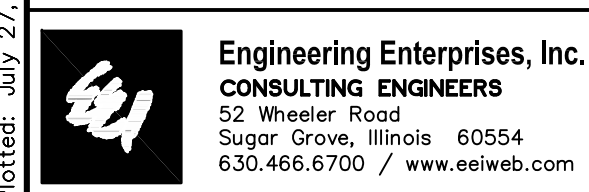
PROPOSED ADA RAMP

DETECTABLE WARNINGS

ASPHALT REMOVAL
REPLACE AT DESIGN GRADE



Plotted: July 27, 2018 @ 10:24 AM By: Jim Schmidt - Tab: 24 ADA PLAN 22x34



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PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

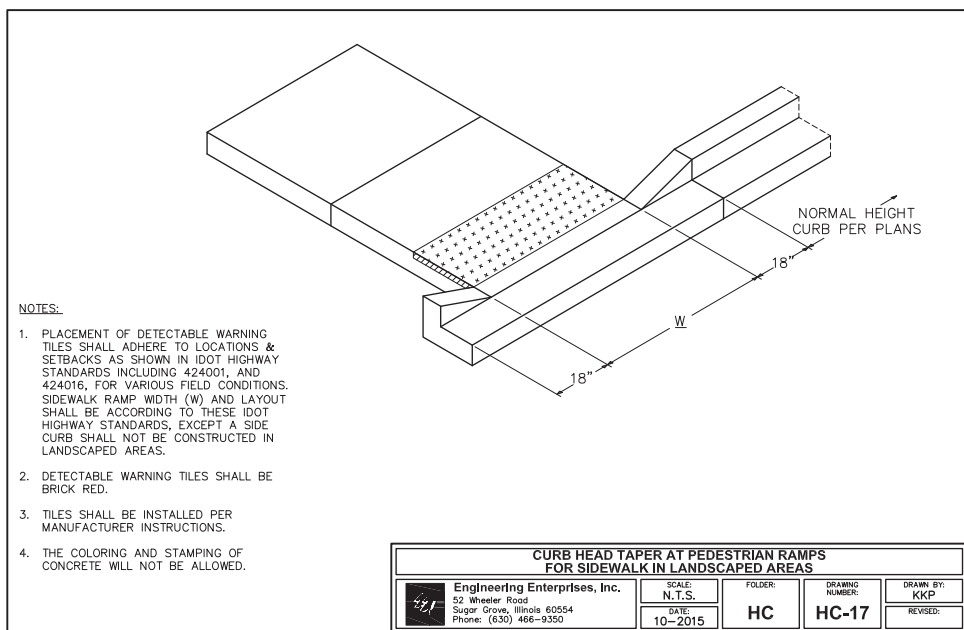
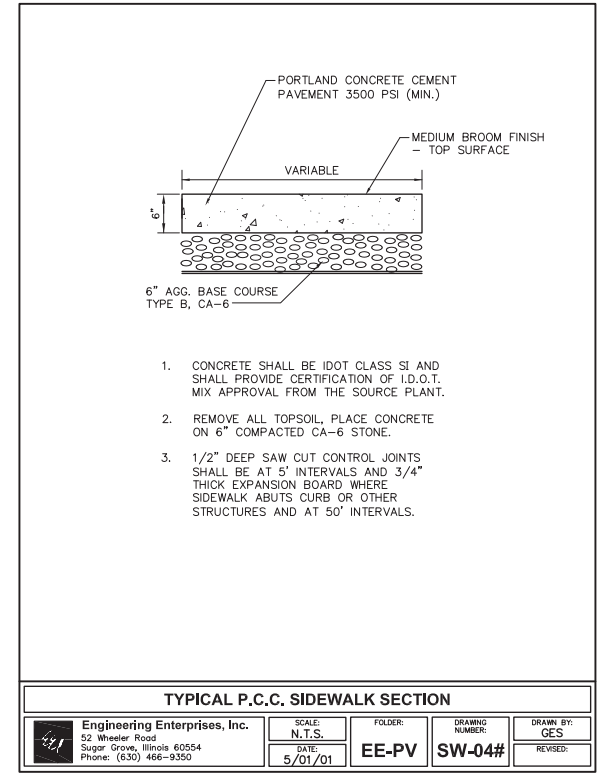
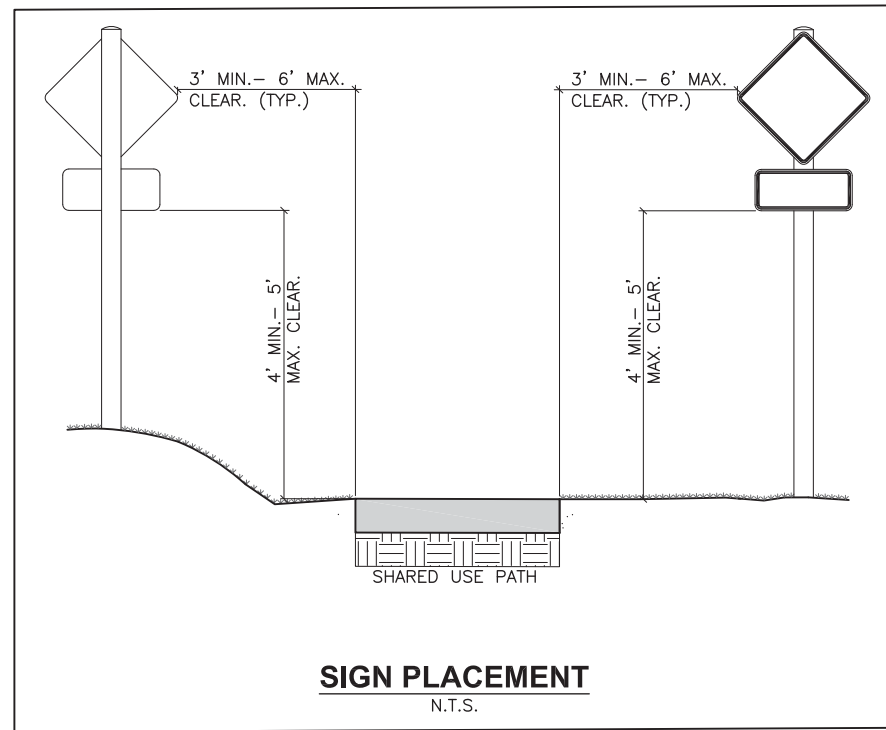
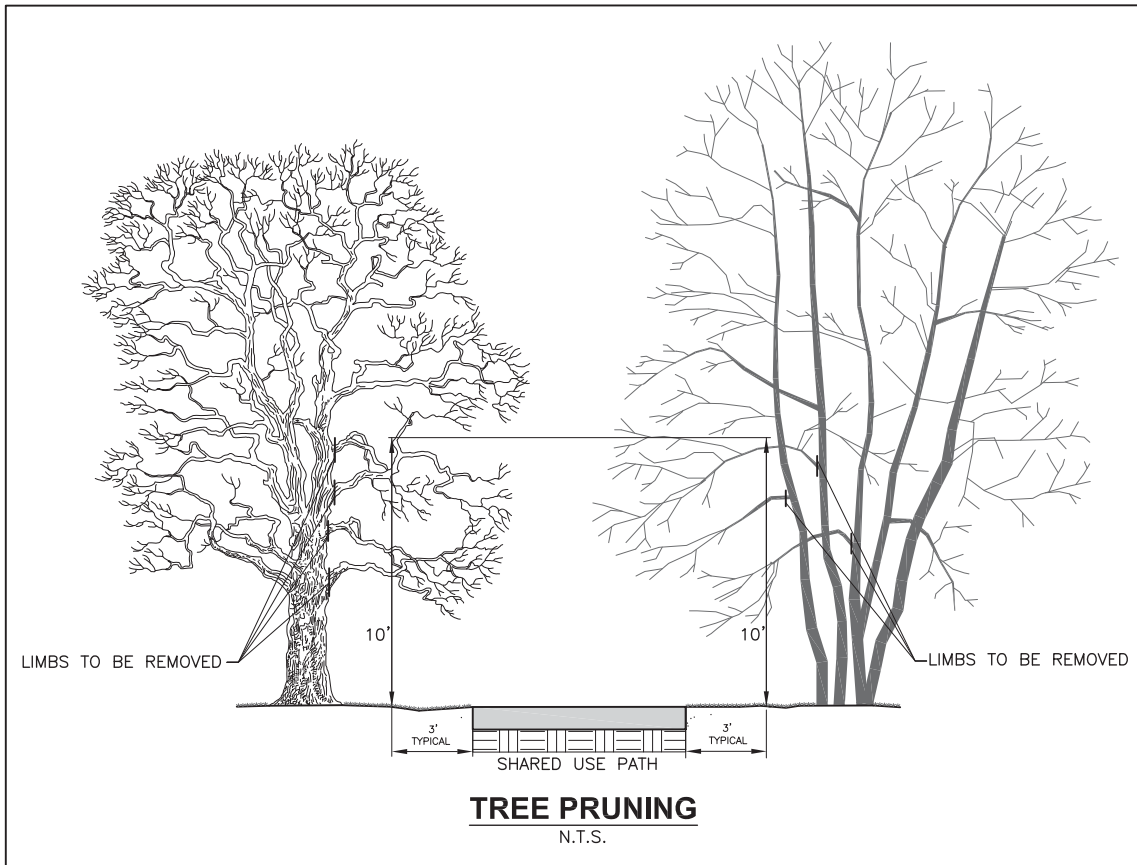
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAILS

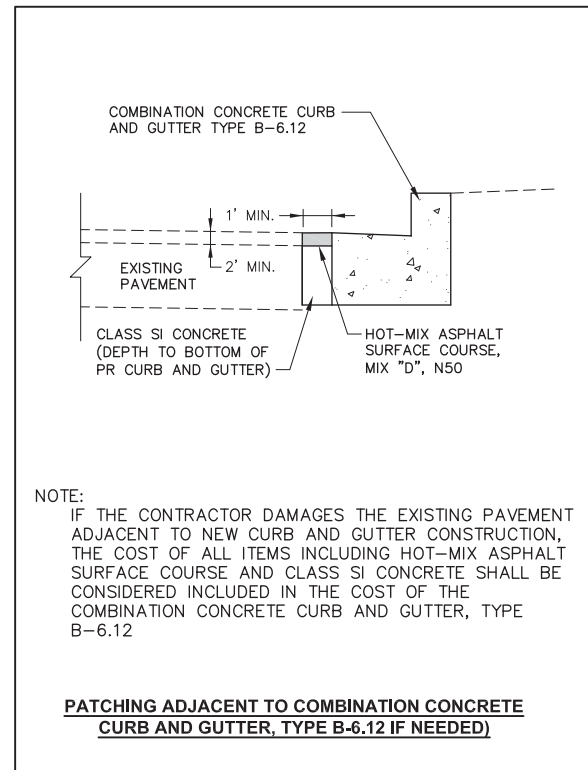
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	24
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 61E88	

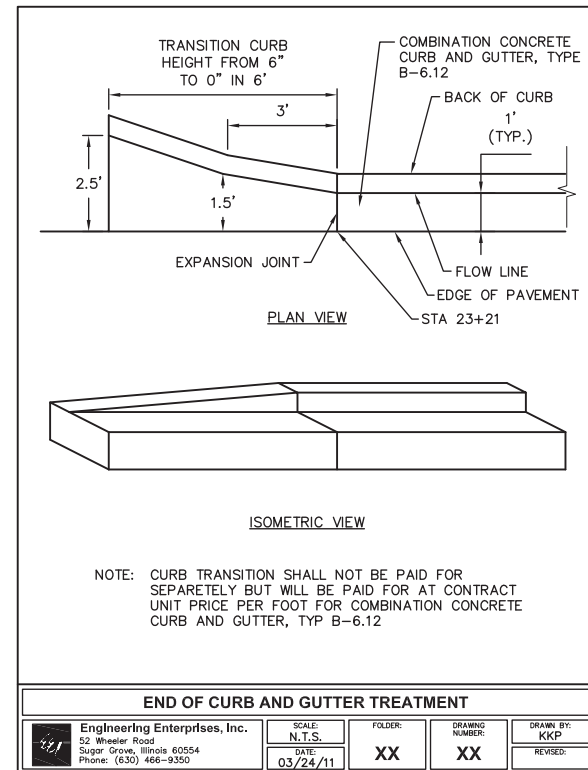
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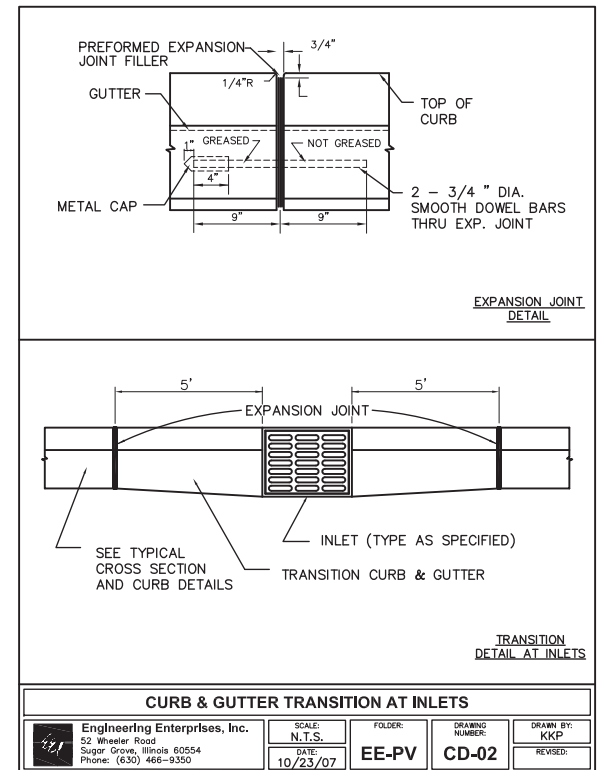
- NOTES:
- PLACEMENT OF DETECTABLE WARNING TILES SHALL ADHERE TO LOCATIONS & SETBACKS AS SHOWN IN IDOT HIGHWAY STANDARDS INCLUDING 424001, AND 424016, FOR VARIOUS FIELD CONDITIONS. SIDEWALK RAMP WIDTH (W) AND LAYOUT SHALL BE ACCORDING TO THESE IDOT HIGHWAY STANDARDS, EXCEPT A SIDE CURB SHALL NOT BE CONSTRUCTED IN LANDSCAPED AREAS.
 - DETECTABLE WARNING TILES SHALL BE BRICK RED.
 - TILES SHALL BE INSTALLED PER MANUFACTURER INSTRUCTIONS.
 - THE COLORING AND STAMPING OF CONCRETE WILL NOT BE ALLOWED.



NOTE:
IF THE CONTRACTOR DAMAGES THE EXISTING PAVEMENT ADJACENT TO NEW CURB AND GUTTER CONSTRUCTION, THE COST OF ALL ITEMS INCLUDING HOT-MIX ASPHALT SURFACE COURSE AND CLASS SI CONCRETE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12



NOTE: CURB TRANSITION SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE PAID FOR AT CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER, TYP B-6.12



SEE TYPICAL CROSS SECTION AND CURB DETAILS

Plotted: May 29, 2018 @ 8:20 AM By: Jim Schmidt - Tab: 25 Details 02 22x34



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	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SPECIAL DETAILS

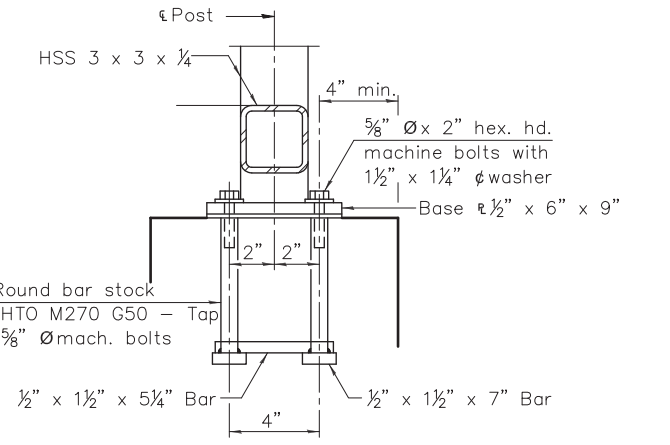
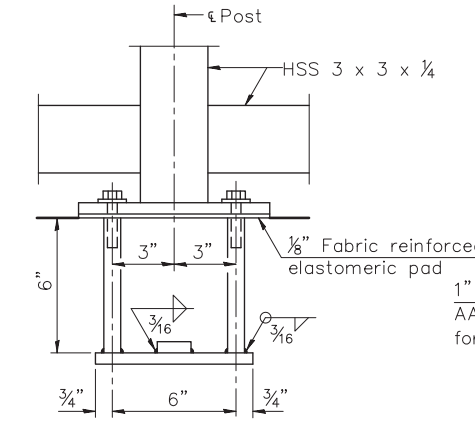
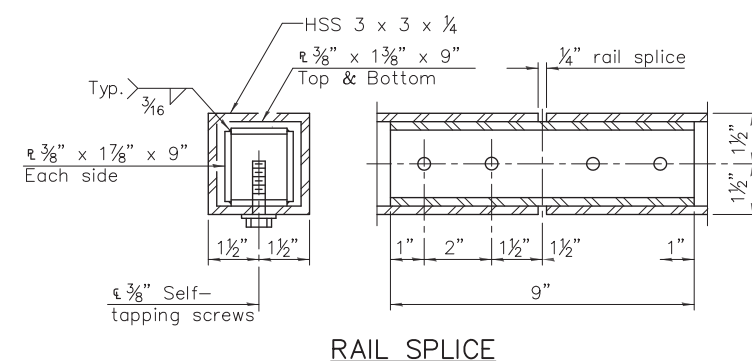
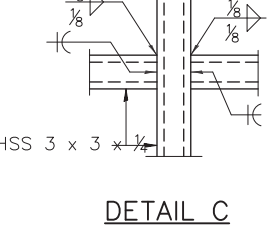
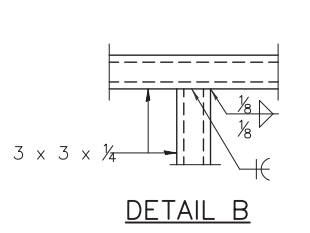
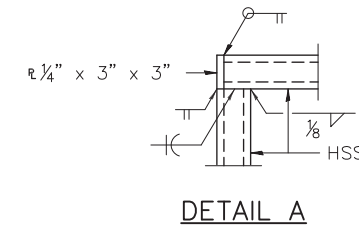
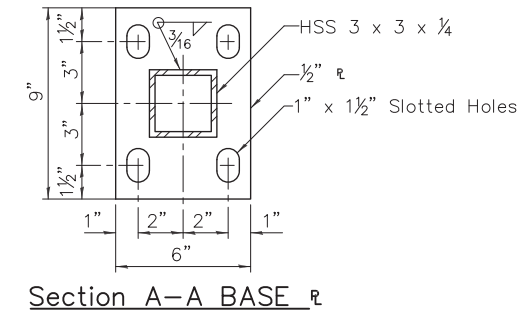
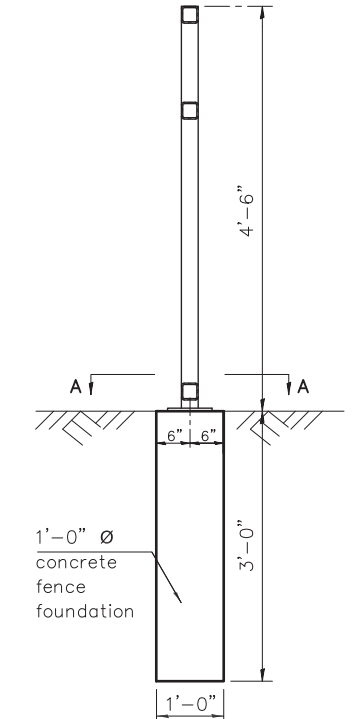
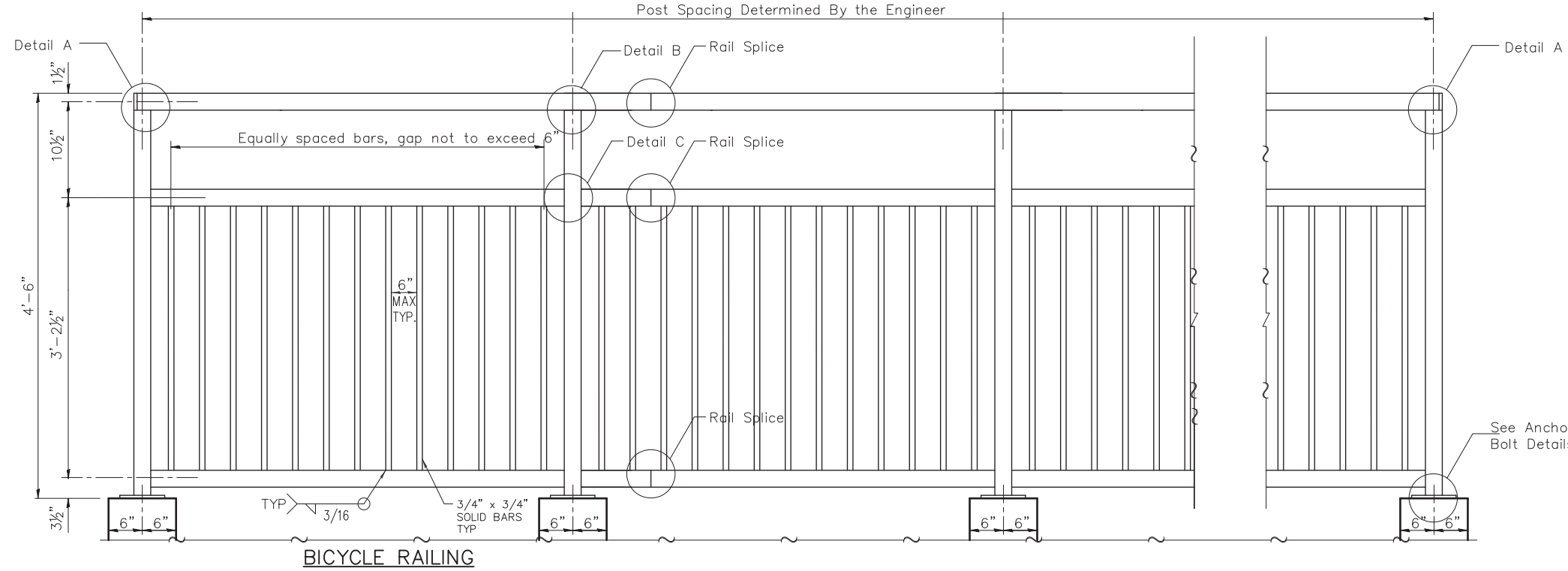
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

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NOTES:

1. RAILING SHALL BE ACCORDING TO SECTION 509 OF THE STANDARD SPECIFICATIONS, EXCEPT AS NOTED, AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR BICYCLE RAILING, SPECIAL, PARAPET RAILING, OR PARAPET RAILING, SPECIAL. SEE SPECIAL PROVISIONS.
2. HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION A 500, GRADE B, STRUCTURAL STEEL TUBING.
3. ALL OTHER STEEL SHAPES AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 270 GRADE 36.
4. ALL POSTS, RAILING, PICKETS, SPLICES, ANCHOR DEVICES, AND BENT PLATES SHALL BE GALVANIZED ACCORDING TO ARTICLE 509.05 OF THE STANDARD SPECIFICATIONS AND POWDER COATED BLACK. THE POWDER COATING SYSTEM TO BE USED SHALL BE APPROVED BY THE ENGINEER PRIOR TO THE COATING PROCESS. SEE SPECIAL PROVISIONS.
5. IN LIEU OF THE CAST-IN-PLACE ANCHOR DEVICE SHOWN, THE CONTRACTOR HAS THE OPTION OF DRILLING AND SETTING 5/8" Ø ANCHOR RODS ACCORDING TO ARTICLE 609.06 OF THE STANDARD SPECIFICATIONS. EMBEDMENT SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.



BILL OF MATERIAL

Item	Unit	Quantity
Bicycle Railing	Foot	273

(10'-0" Maximum Post Spacing)

Plotted: May 22, 2018 @ 10:00 AM By: Jim Schmidt - Tab: 26 Details 03 22x34

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630.466.6700 / www.eeiweb.com

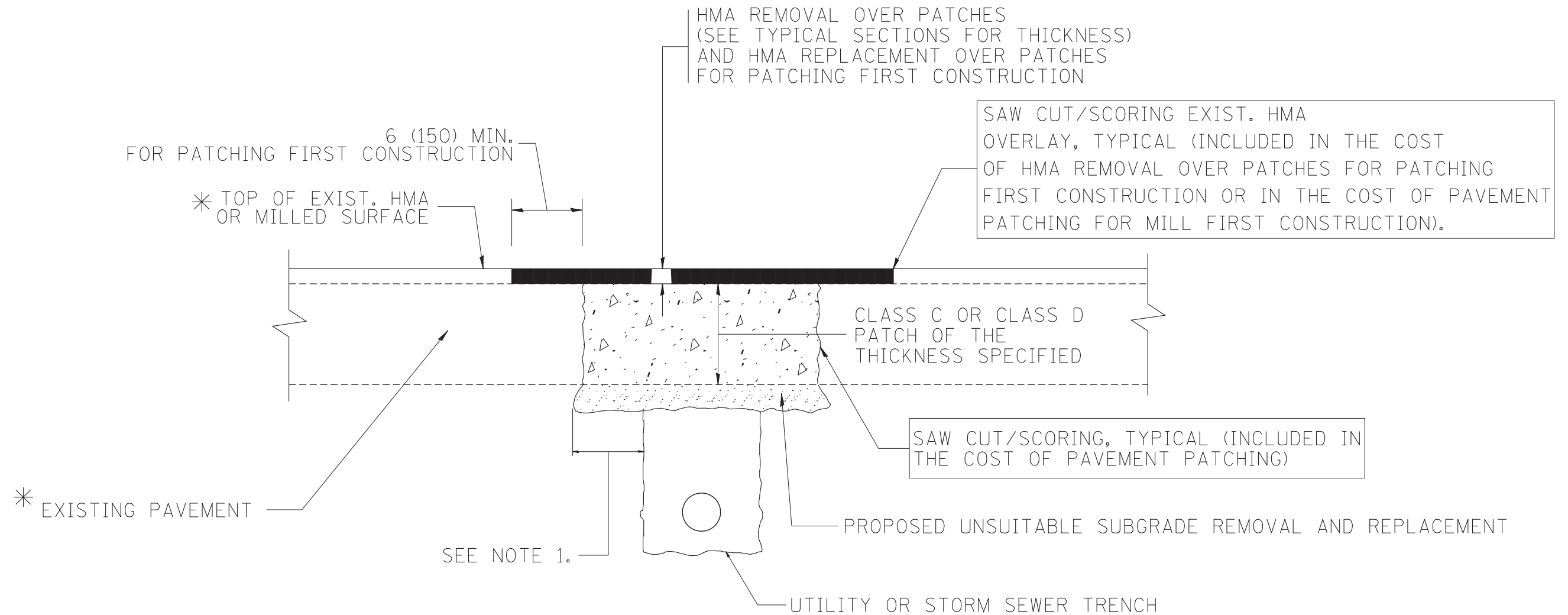
USER NAME =	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BICYCLE RAILING DETAILS	
SCALE: N/A	SHEET NO. 1 OF 1 SHEETS
STA. N/A	TO STA. N/A

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	26
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

Path: H:\SOSKPROJ\AU1405-B\DWG FINAL ENG\AU1405-B-CV



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

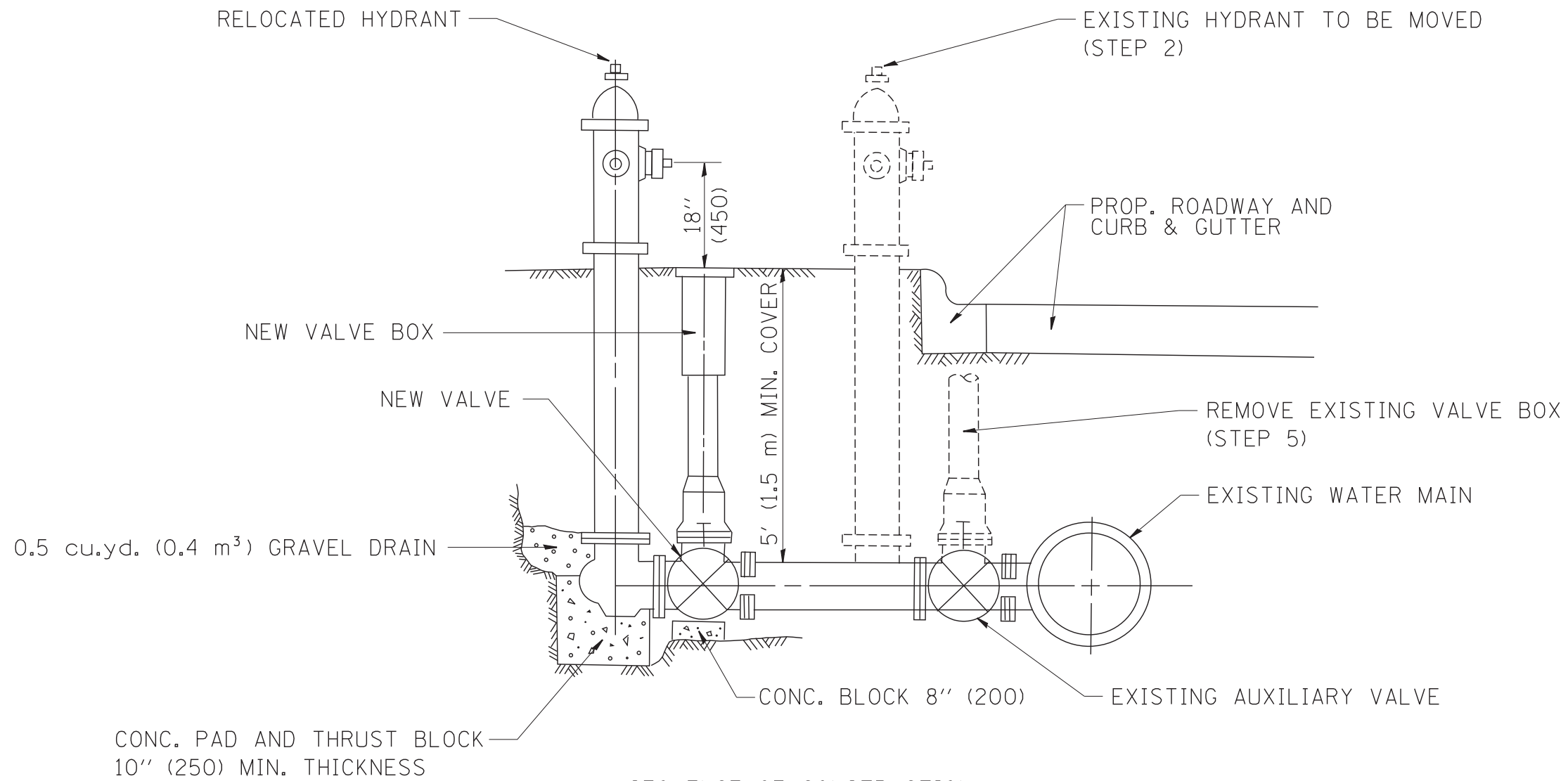
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
		DRAWN -	REVISED - R. BORO 01-01-07
		PLOT SCALE = 50.000' / IN.	REVISED - R. BORO 09-04-07
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	27
BD400-04 (BD-22)		CONTRACT NO. 61E88		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION:

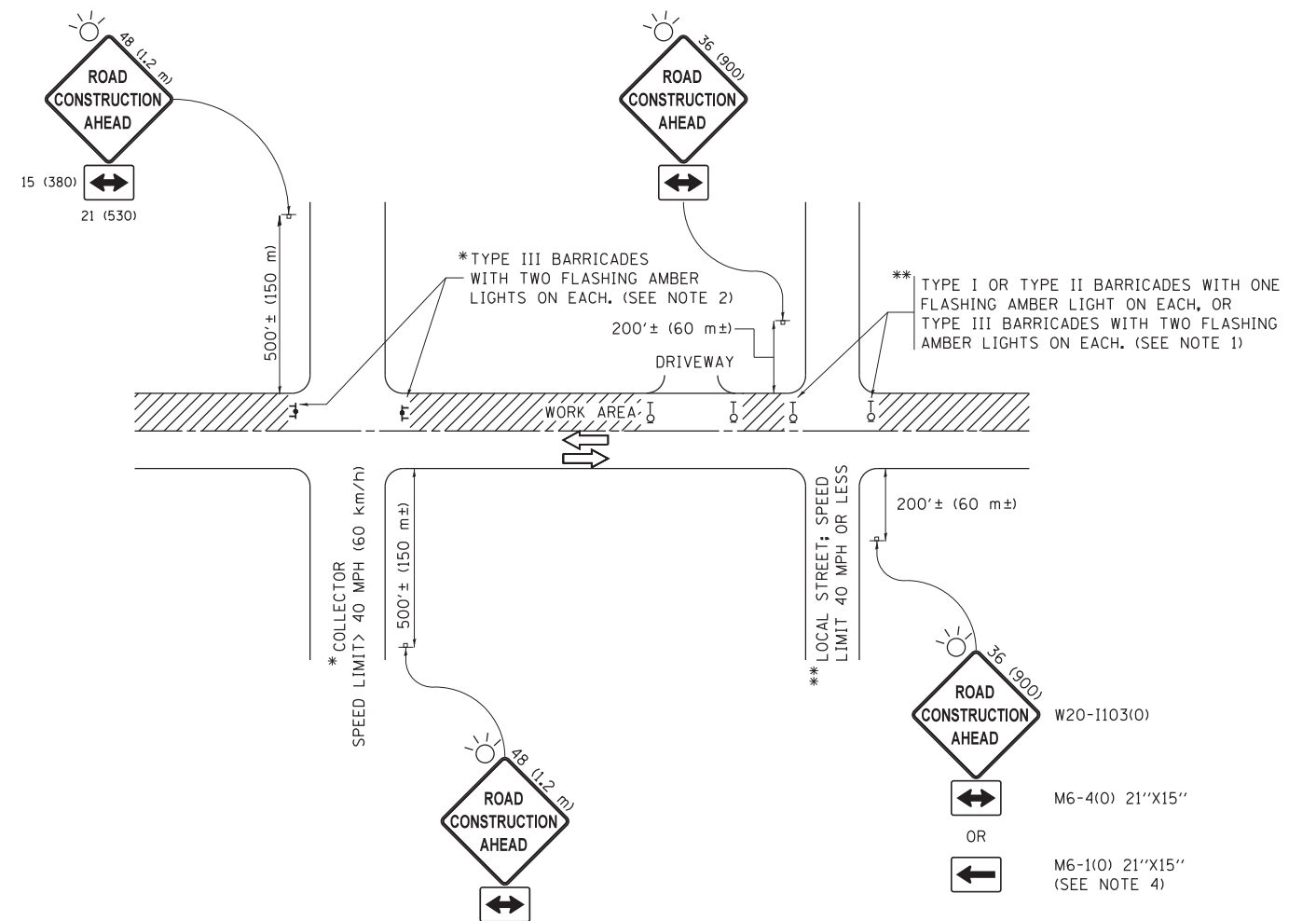
1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

FILE NAME = W:\diststd\22x34\bd36.dgn	USER NAME = gajlonobt	DESIGNED -	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIRE HYDRANT TO BE MOVED			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - R. SHAH 10-25-94					N/A	16-00311-00-BT	DUPAGE/KANE	34	28
PLOT DATE = 1/4/2008	CHECKED -	DATE -	REVISED -	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD-36		CONTRACT NO. 61E88		
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

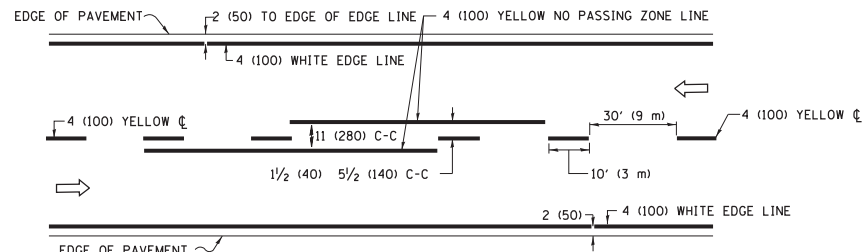
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	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

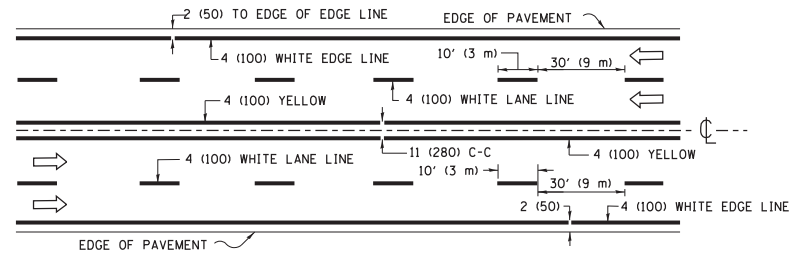
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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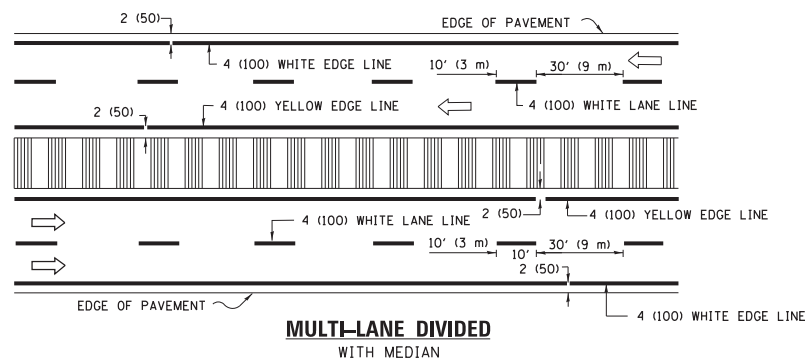
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	29
TC-10			CONTRACT NO. 61E88	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

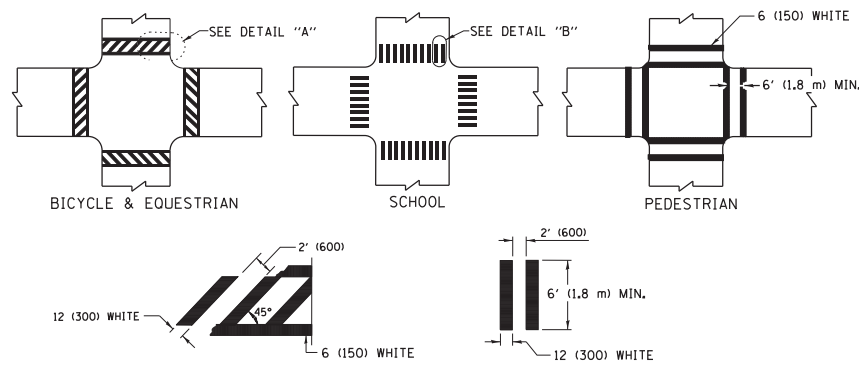


MULTI-LANE UNDIVIDED



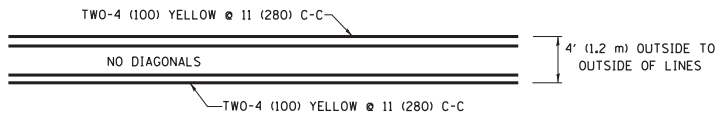
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

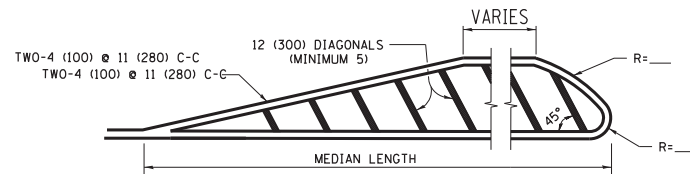


TYPICAL CROSSWALK MARKING

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



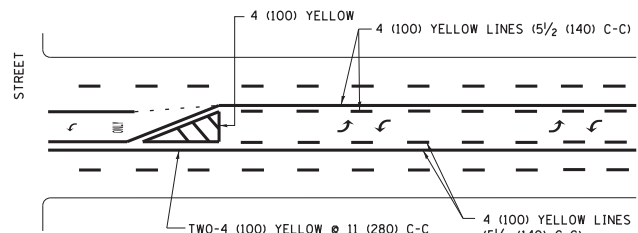
4' (1.2 m) WIDE MEDIANS ONLY



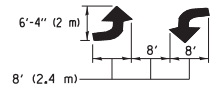
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

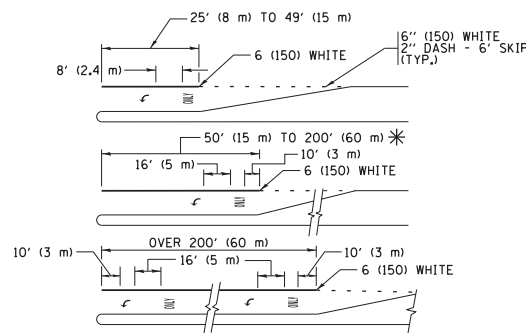


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

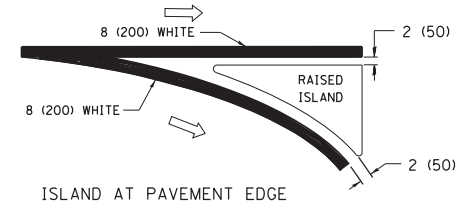
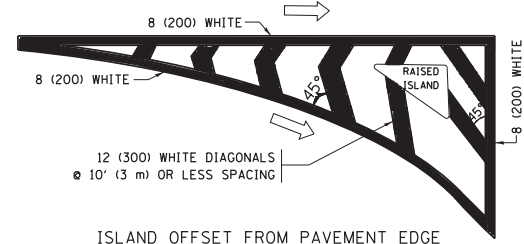


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

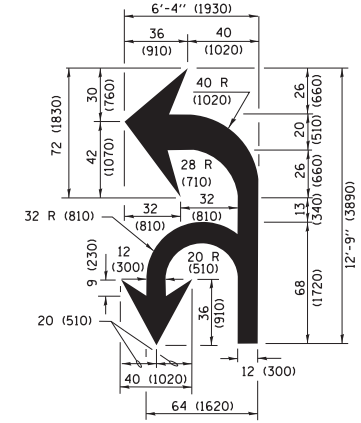
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

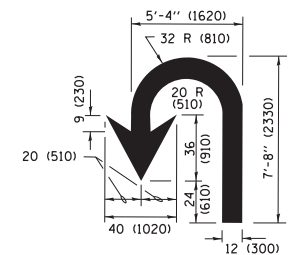
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

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

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

FILE NAME =	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
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Default	PLOT SCALE = 50.000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 4/13/2016		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	30
TC-13		CONTRACT NO.	61E88	
ILLINOIS FED. AID PROJECT				

Plotted: May 29, 2018 @ 11:13 AM By: Jim Schmidt - Tab: 31_XSECT1



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Sugar Grove, Illinois 60554
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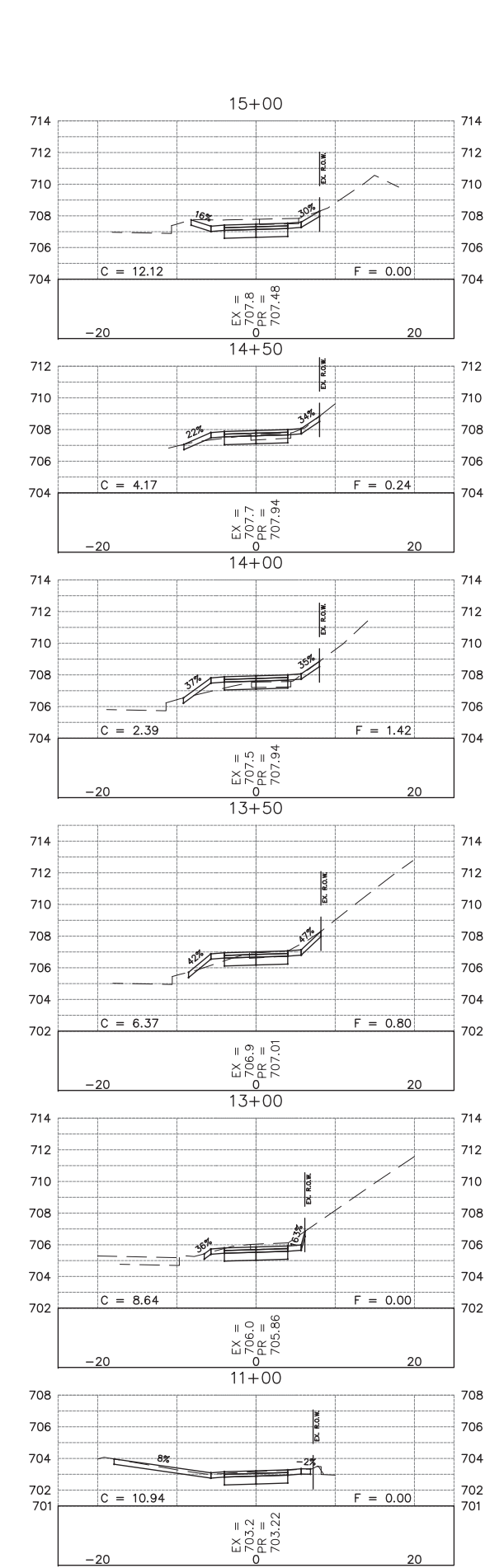
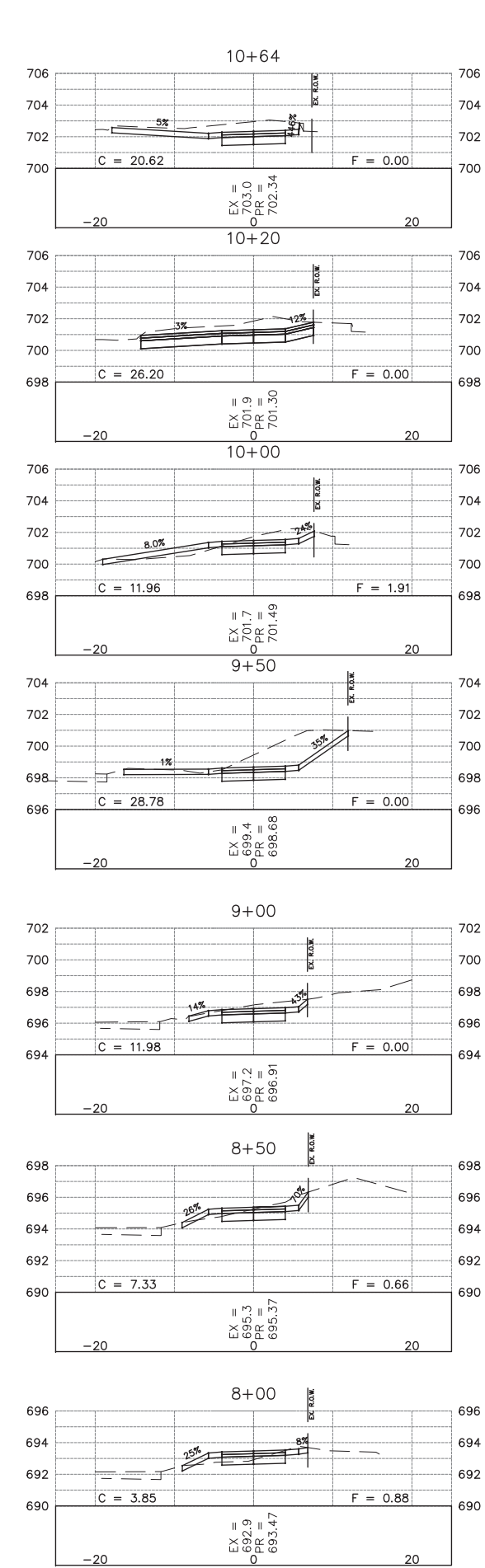
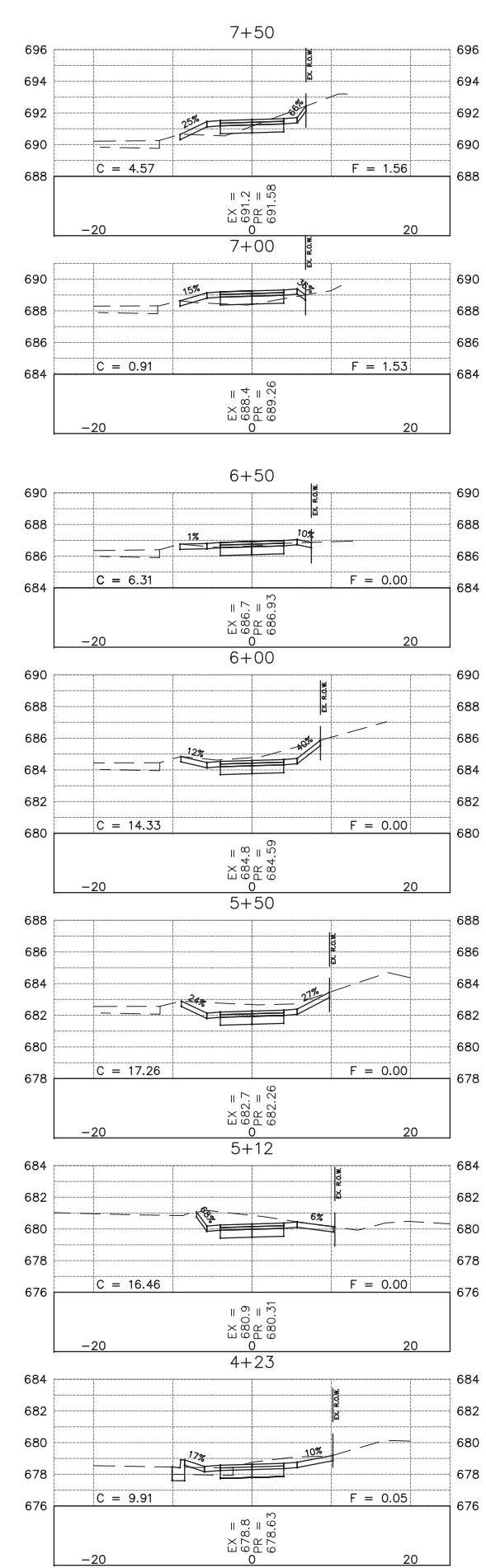
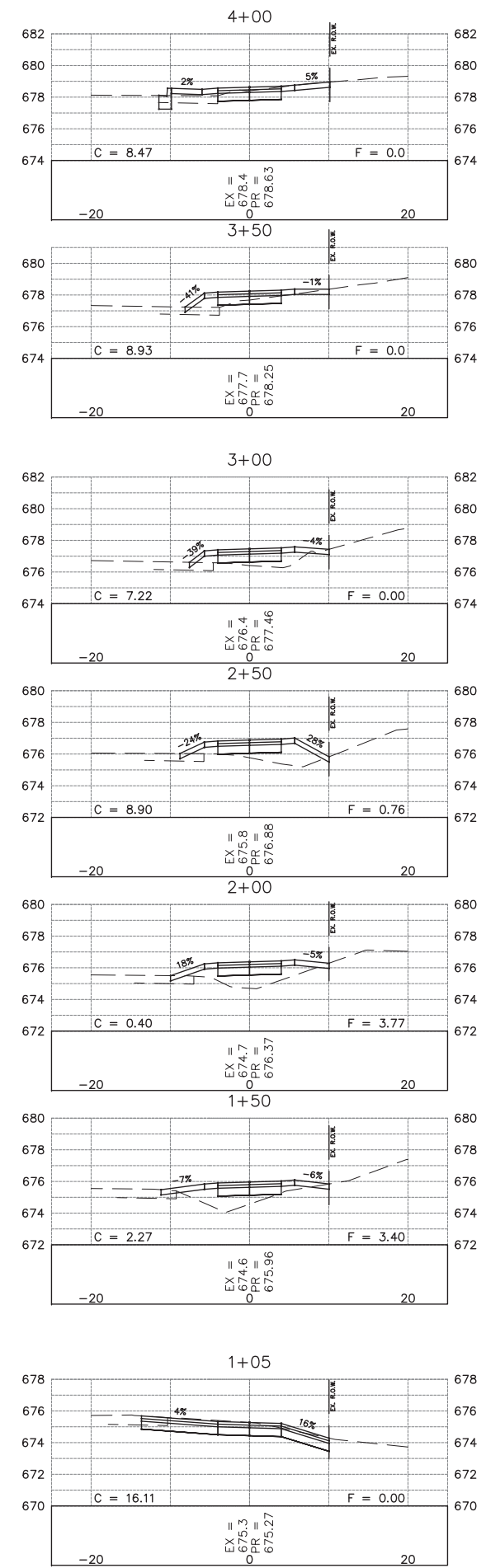
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PLOT SCALE	DRAWN	REVISIONS
PLOT DATE	CHECKED	REVISIONS
	DATE	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

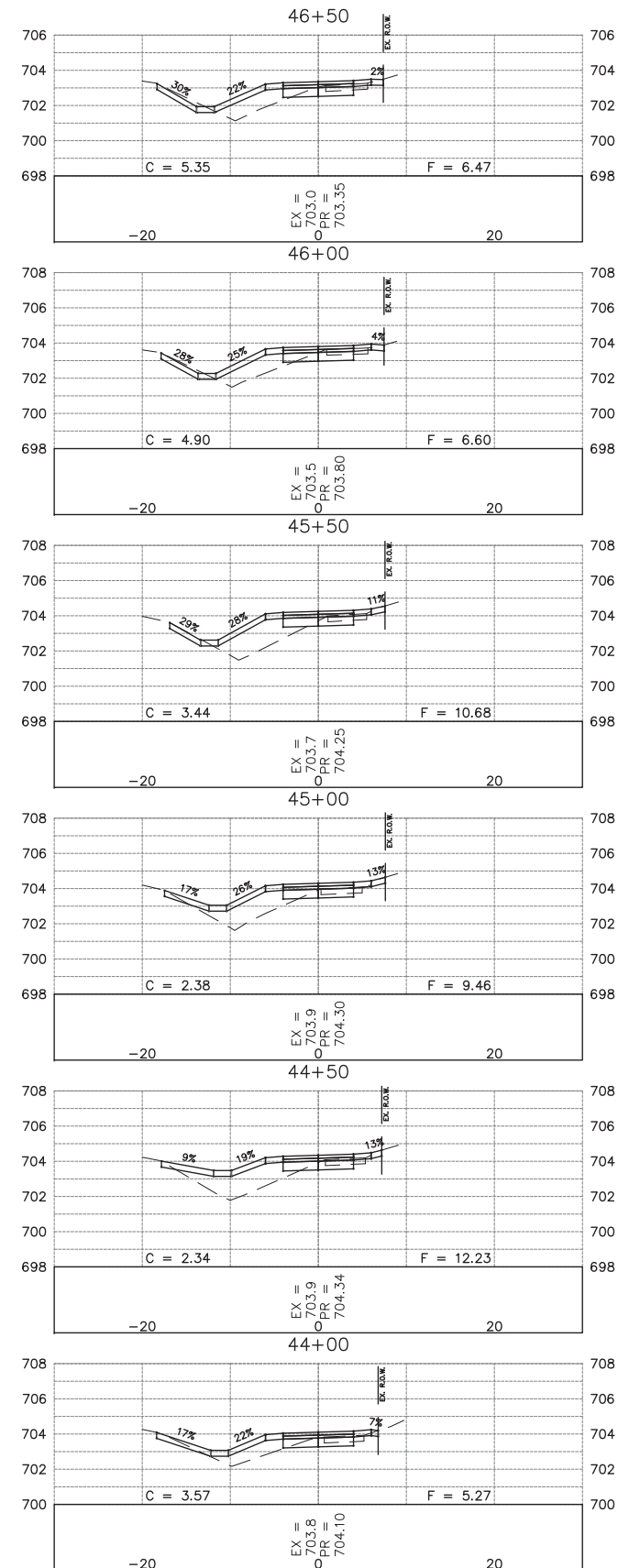
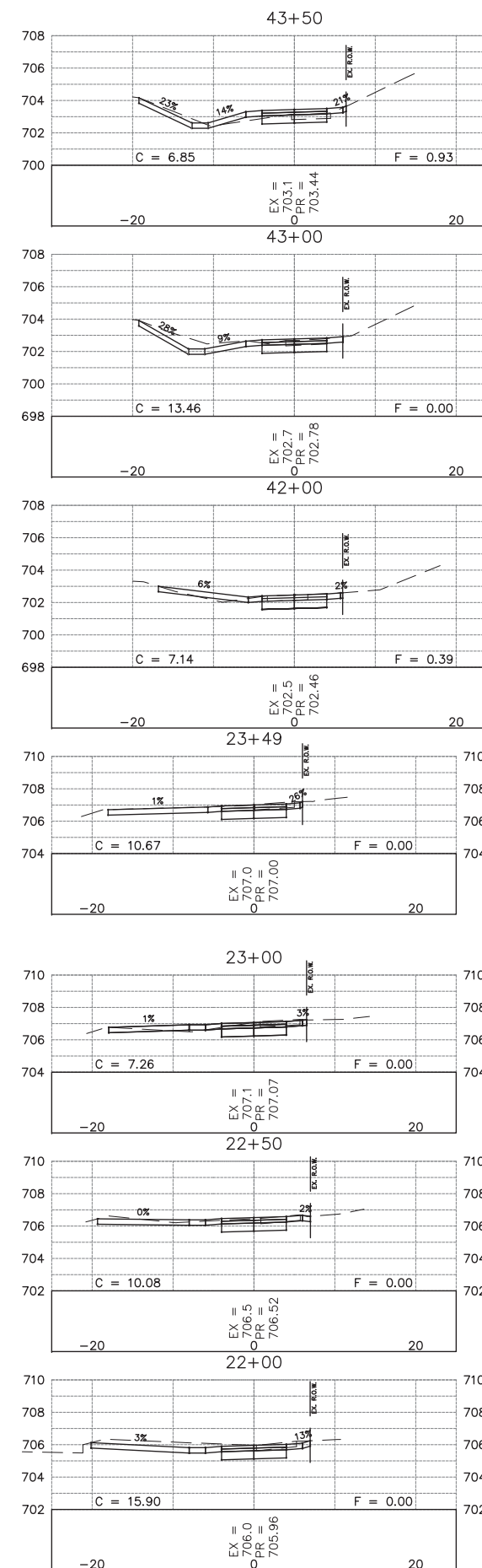
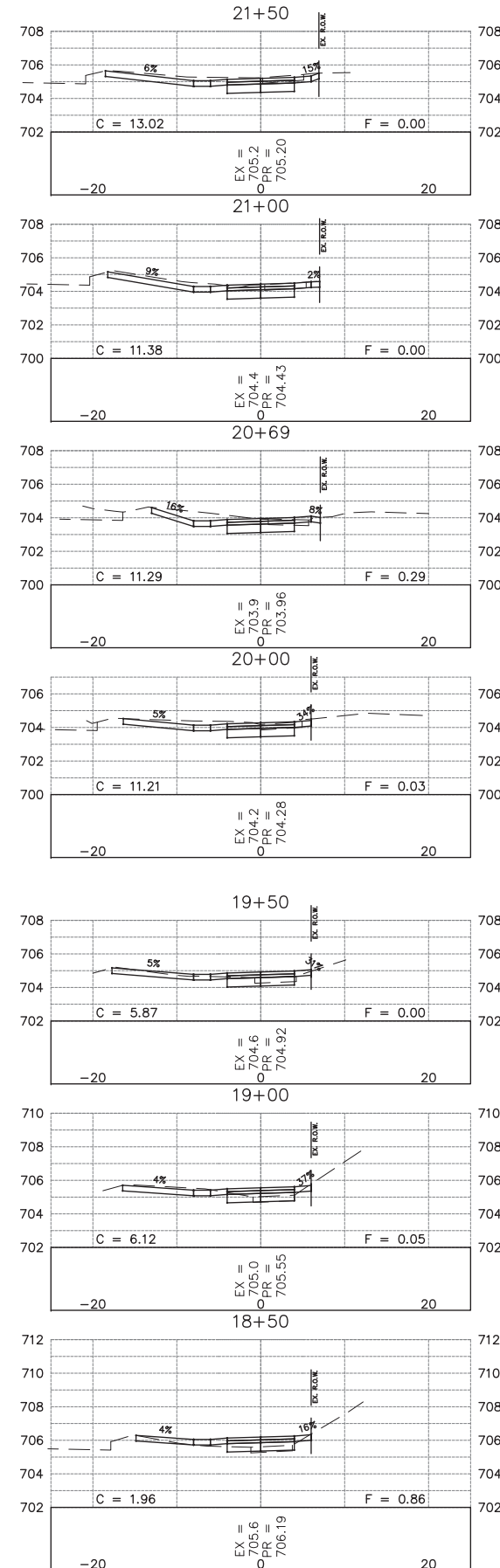
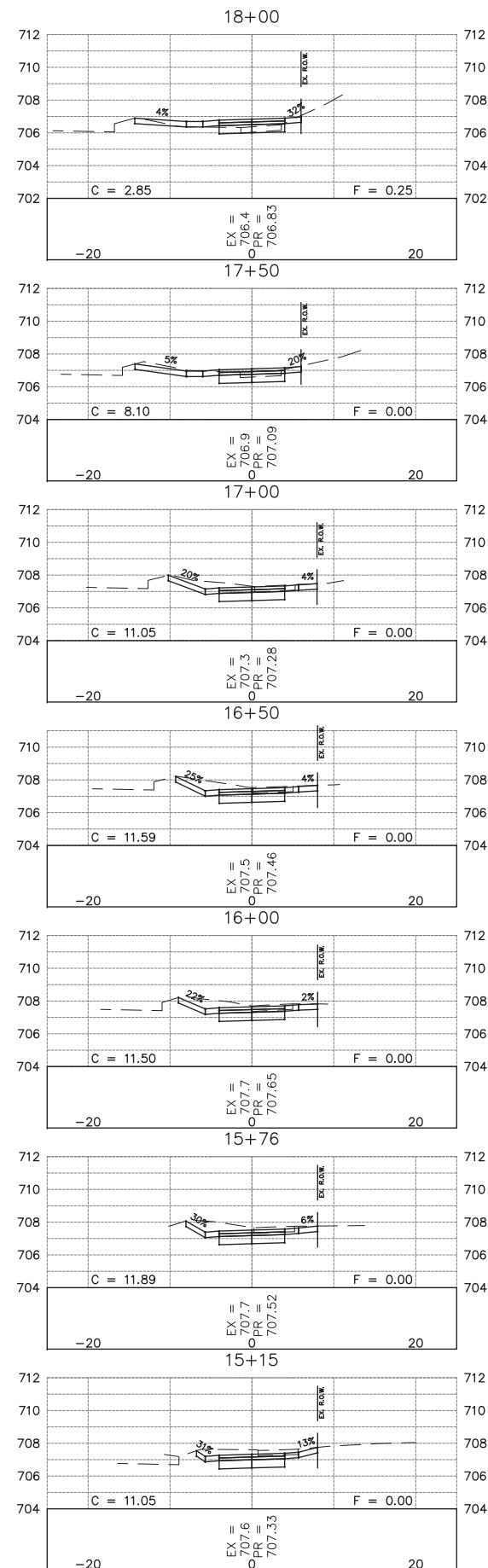
**CROSS SECTIONS
SHARED USE PATH**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. 1+00 TO STA. 13+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	31
CONTRACT NO.			61E88	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

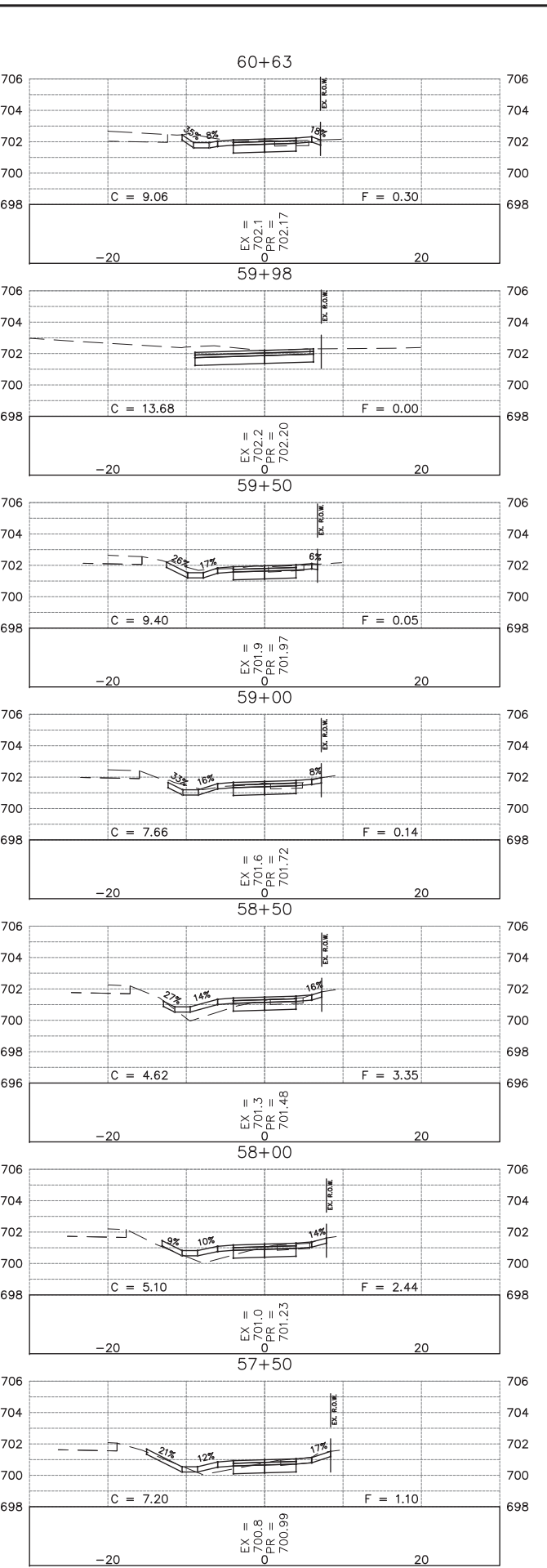
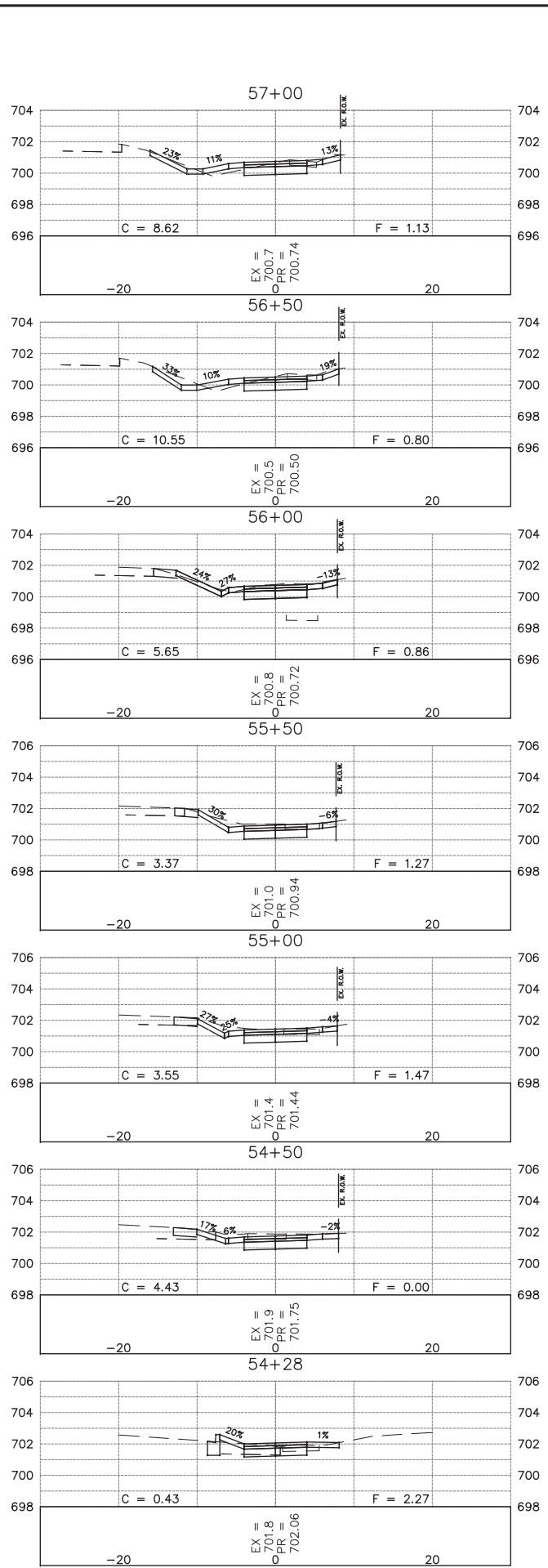
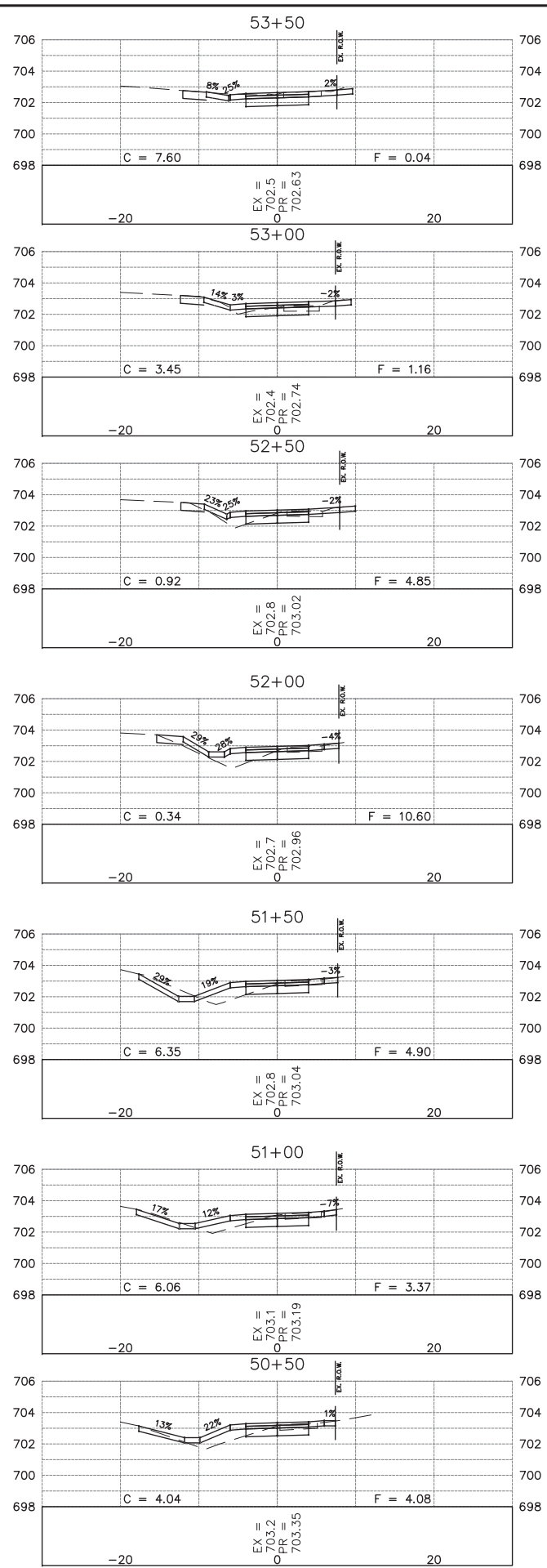
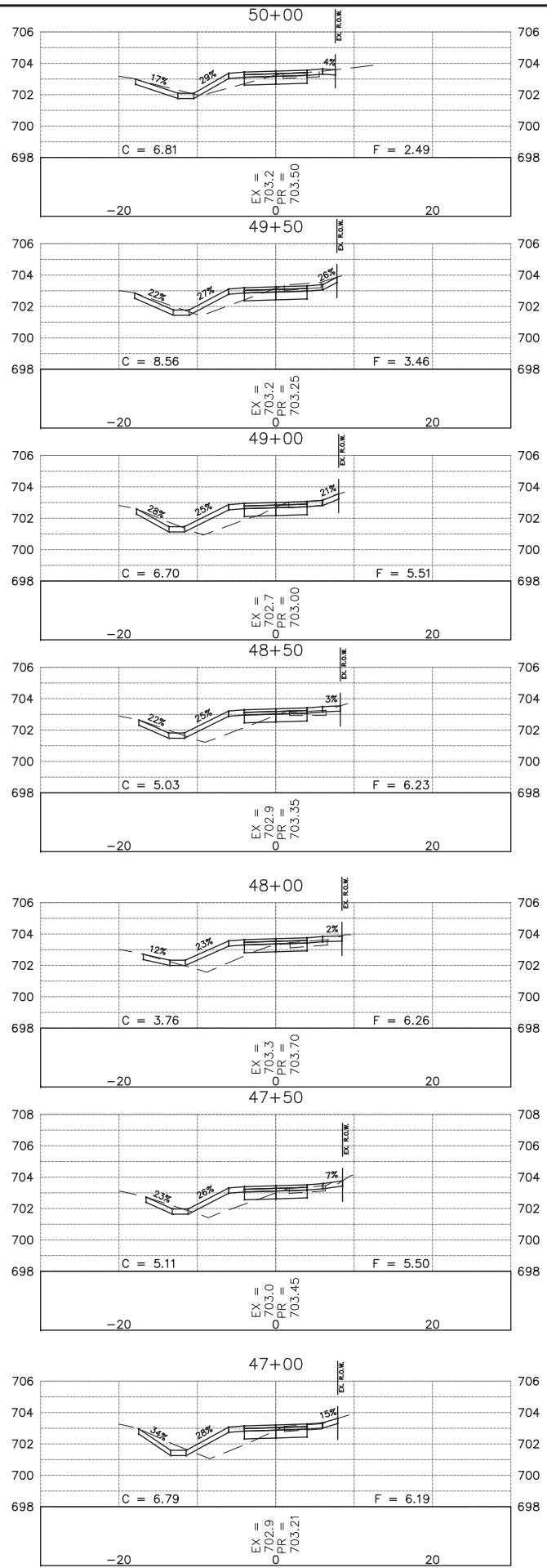
**CROSS SECTIONS
SHARED USE PATH**

SCALE: SHEET NO. 2 OF 4 SHEETS STA. 14+00 TO STA. 43+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	32
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

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Plotted: May 29, 2018 @ 11:14 AM By: Jim Schmidt - Tab: 33_XSEC3



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 Sugar Grove, Illinois 60554
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USER NAME	DESIGNED	REVISED
PLOT SCALE	DRAWN	REVISED
PLOT DATE	CHECKED	REVISED
	DATE	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SHARED USE PATH**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. 44+00 TO STA. 56+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	33
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

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Plotted: May 24, 2018 @ 4:43 PM By: Jim Schmidt - Tab: 34_XSEC4



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Sugar Grove, Illinois 60554
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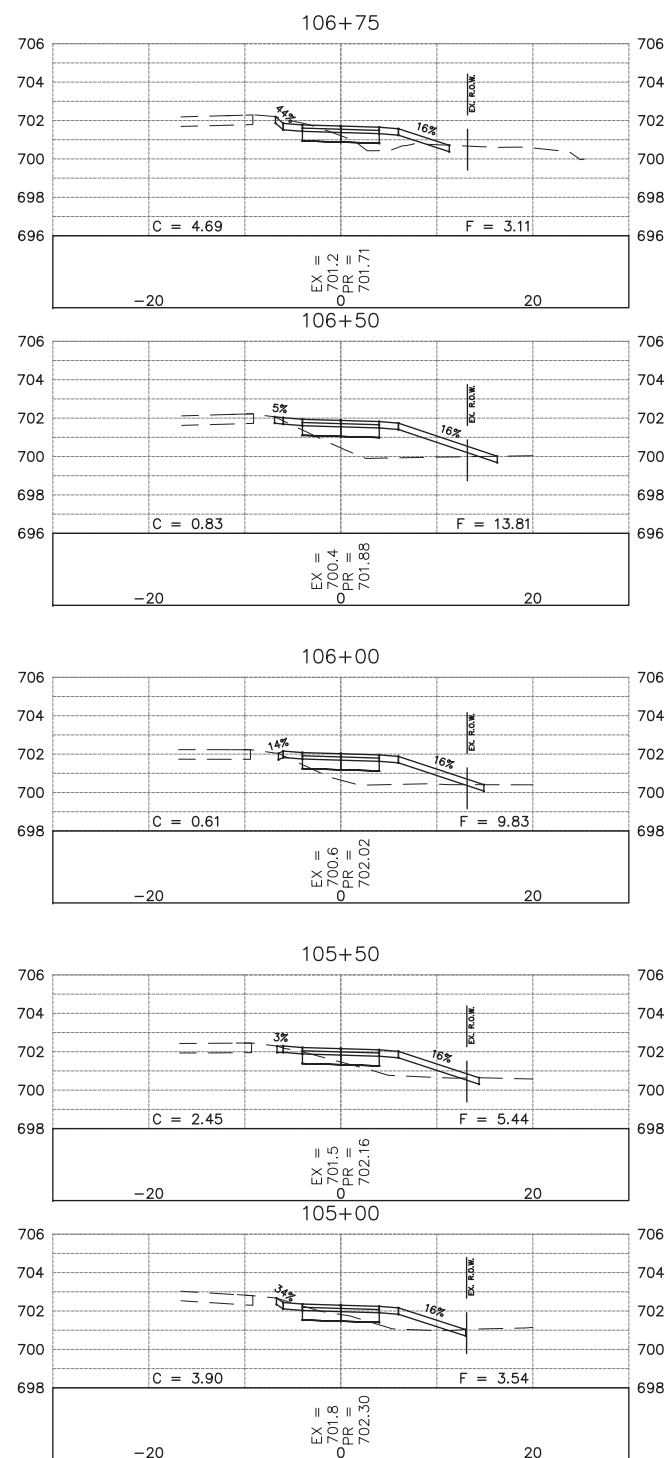
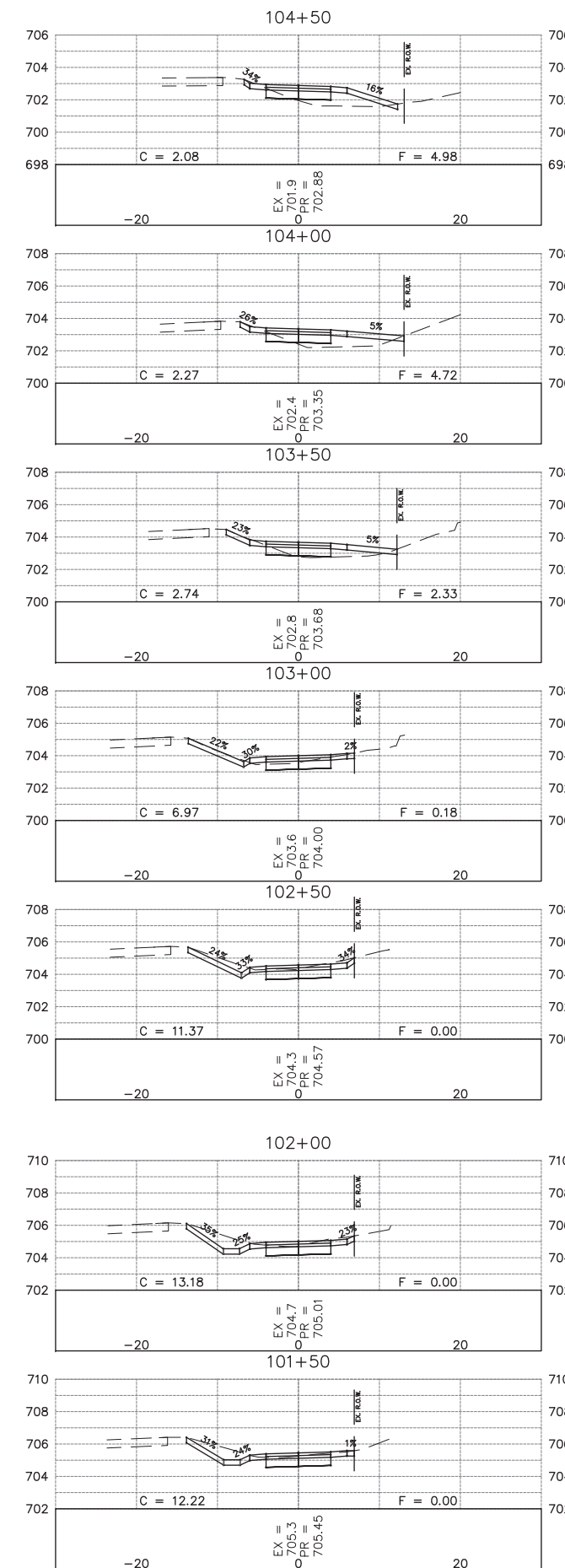
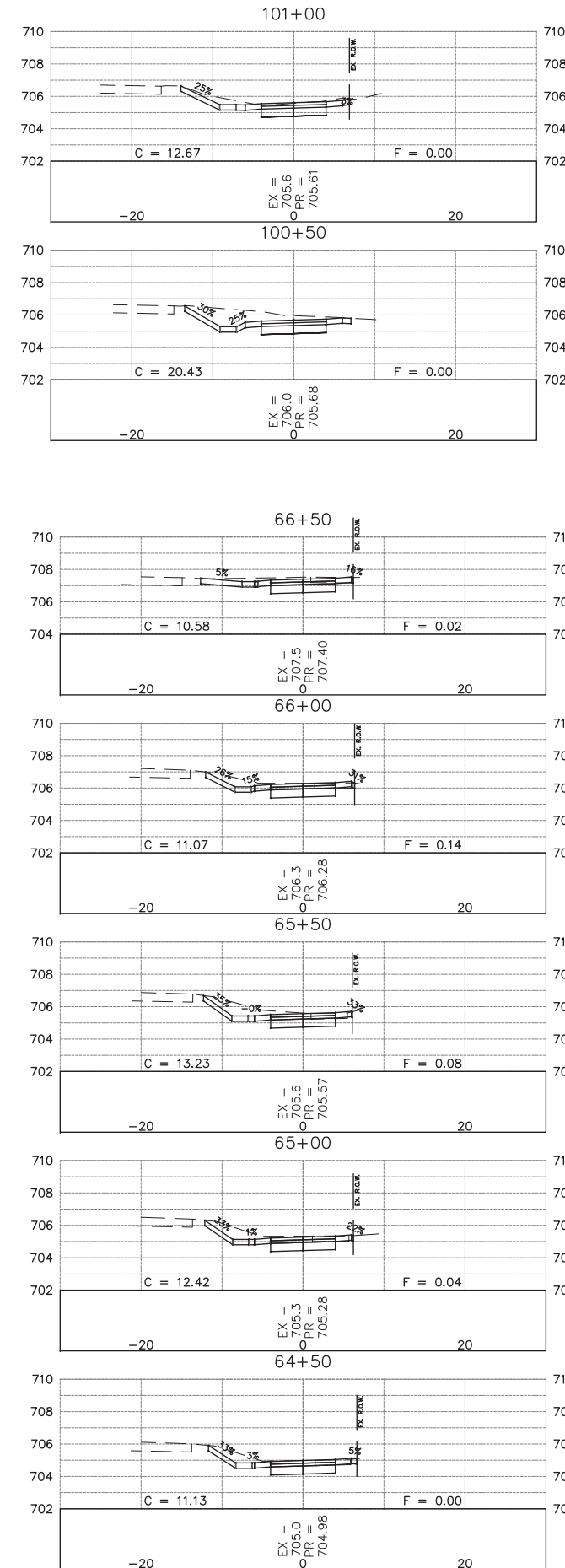
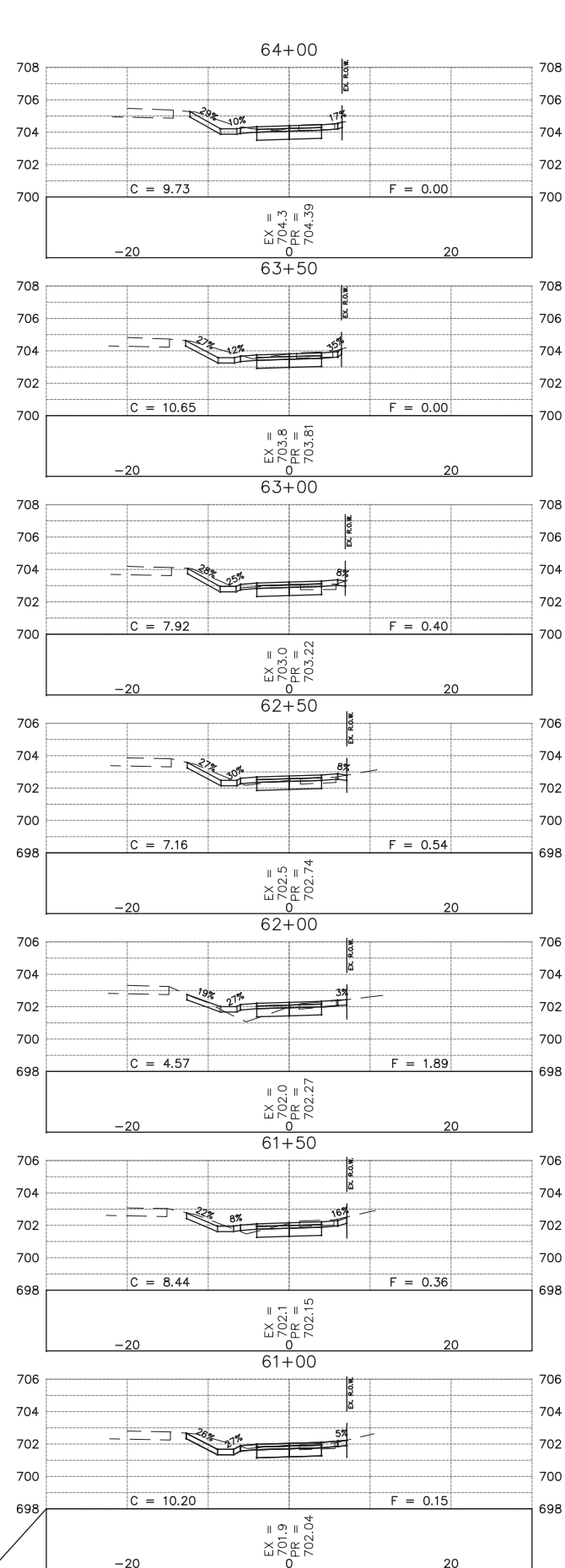
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PLOT SCALE	DRAWN	REVISIONS
PLOT DATE	CHECKED	REVISIONS
	DATE	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
SHARED USE PATH**

SCALE: SHEET NO. 4 OF 4 SHEETS STA. 56+50 TO STA. 66+66

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	34
CONTRACT NO.			61E88	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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