


SUMMARY OF QUANTITIES

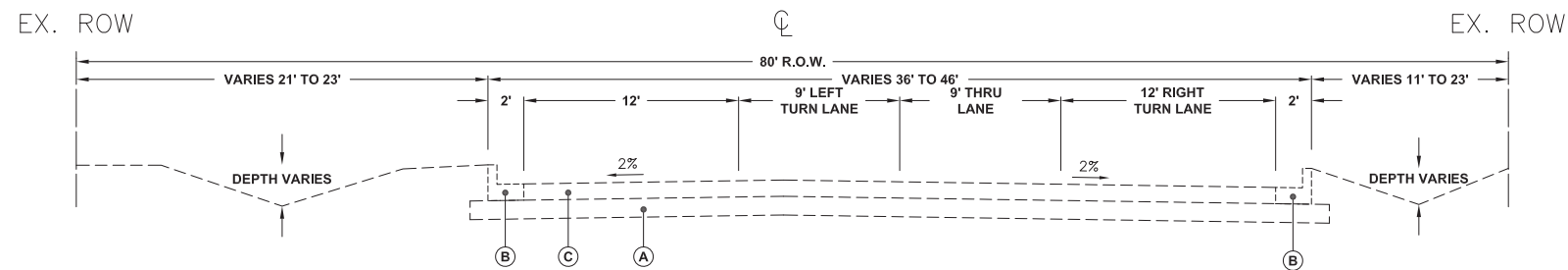
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 80% FEDERAL 20% LOCAL 0028	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 80% FEDERAL 20% LOCAL 0028
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	4
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	72	72	60210500	CATCH BASINS, TYPE D, 3'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
20101100	TREE TRUNK PROTECTION	EACH	2	2	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2
20101200	TREE ROOT PRUNING	EACH	20	20	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20	20	60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	1	1	60250900	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	11	11
20200100	EARTH EXCAVATION	CU YD	1430	1430	60255500	MANHOLES TO BE ADJUSTED	EACH	15	15
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	433	433	60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1
20800150	TRENCH BACKFILL	CU YD	14	14	60255700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	5242	5242	60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1
21101616	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5480	5480	60500105	FILLING MANHOLES	EACH	1	1
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	100	100	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	450	450
25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	45	45
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	110	110	67100100	MOBILIZATION	L SUM	1	1
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	110	110	68900200	NON-SPECIAL WASTE DISPOSAL	CU YD	8	8
25100630	EROSION CONTROL BLANKET	SQ YD	5480	5480	68900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1
28000305	TEMPORARY DITCH CHECKS	FOOT	153	153	68900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
28000400	PERIMETER EROSION BARRIER	FOOT	505	505	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
28000510	INLET FILTERS	EACH	26	26	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
28100105	STONE RIPRAP, CLASS A3	SQ YD	8	8	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	433	433	72000100	SIGN PANEL - TYPE 1	SQ FT	23	23
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	5242	5242	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9416	9416	72600100	TELESCOPING STEEL SIGN SUPPORT	FOOT	120	120
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	948	948	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	483	483
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	946	946	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	726	726
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	5	5	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	740	740
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1887	1887	78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	494	494
42400800	DETECTABLE WARNINGS	SQ FT	457	457	78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	205	205
44000100	PAVEMENT REMOVAL	SQ YD	238	238	88600600	DETECTOR LOOP REPLACEMENT	FOOT	120	120
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	513	513	89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2	2
44000600	SIDEWALK REMOVAL	SQ FT	16067	16067	A2000116	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1
44002206	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 1 1/2"	SQ YD	52	52	A2004610	TREE, GLEDITSIA TRIACANTHOS INERMIS PERFECTION (PERFECTION THORNLESS HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	19	19	A2007616	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	27	27	X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	9	9
48101498	AGGREGATE SHOULDERS, TYPE B 4"	SQ YD	109	109	X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2	2
50901720	BICYCLE RAILING	FOOT	273	273	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	430	430
54250615	SLOPED METAL END SECTION WITH GRATE, STANDARD 542411, 15", 1.4	EACH	1	1	X5427600	REMOVE AND RELOCATE END SECTIONS	EACH	1	1
55100500	STORM SEWER REMOVAL 12"	FOOT	145	145	X8140115	HANDHOLE TO BE ADJUSTED	EACH	1	1
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	120	120	XX005947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	57	57
550A0360	STORM SEWERS, CLASS A, TYPE 2 16"	FOOT	10	10	XX008824	CATCH BASINS, SPECIAL	EACH	7	7
56400100	FIRE HYDRANTS TO BE MOVED	EACH	3	3	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

Δ INDICATES SPECIALTY ITEM
SEE SPECIAL PROVISIONS

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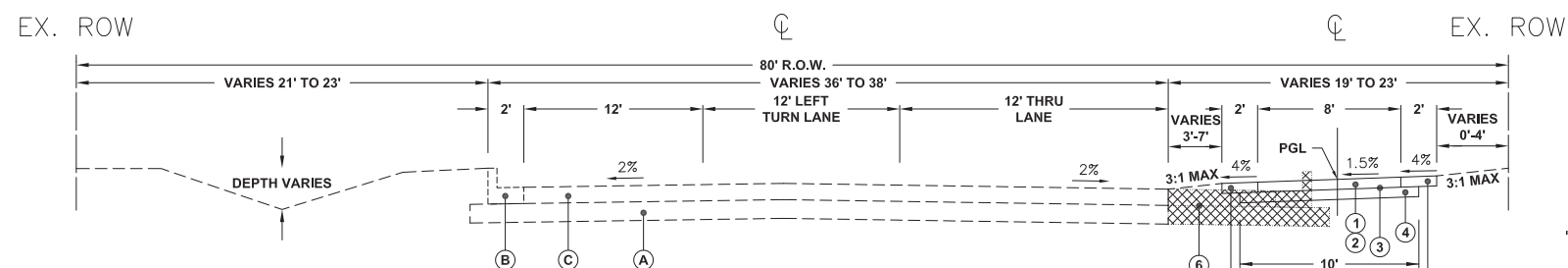
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 Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eelweb.com	USER NAME =	DESIGNED -	REVISION -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	FLDT SCALE =	DRAWN -	REVISION -			N/A	16-00311-00-BT	DUPAGE/KANE	34	3	
	FLDT DATE =	CHECKED -	REVISION -			SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA. N/A TO STA. N/A	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT
		DATE -	REVISION -								



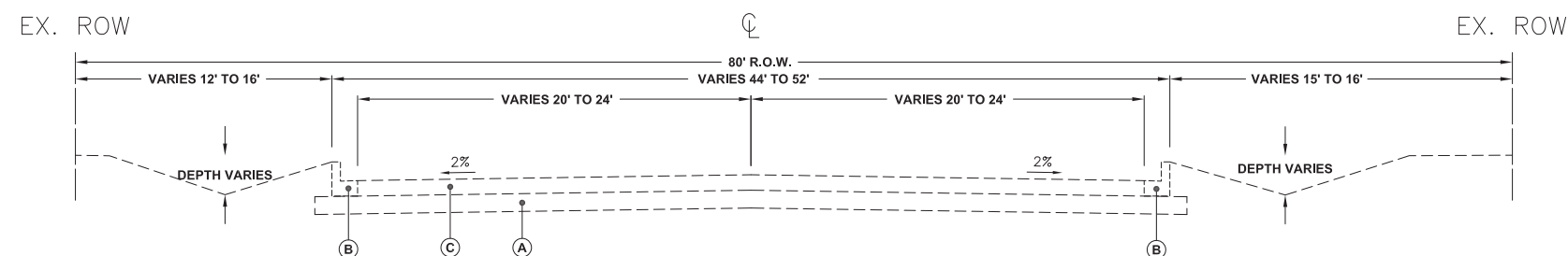
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STA 1+00 TO 4+30, MONTGOMERY ROAD



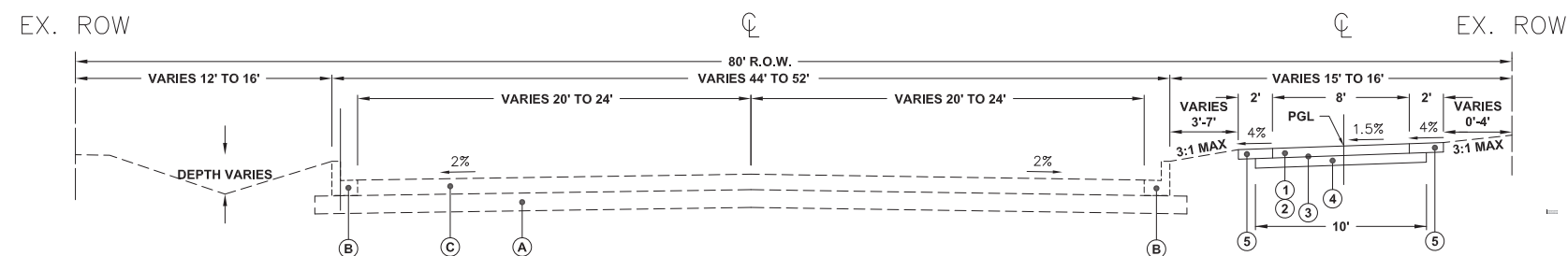
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STA 1+00 TO 4+30, MONTGOMERY ROAD



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"
	[Hatched Box] 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" (IL-9.5 mm)	4% @ 50 GYR.
HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4" (IN 2 LIFTS) (IL-9.5 mm)	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.

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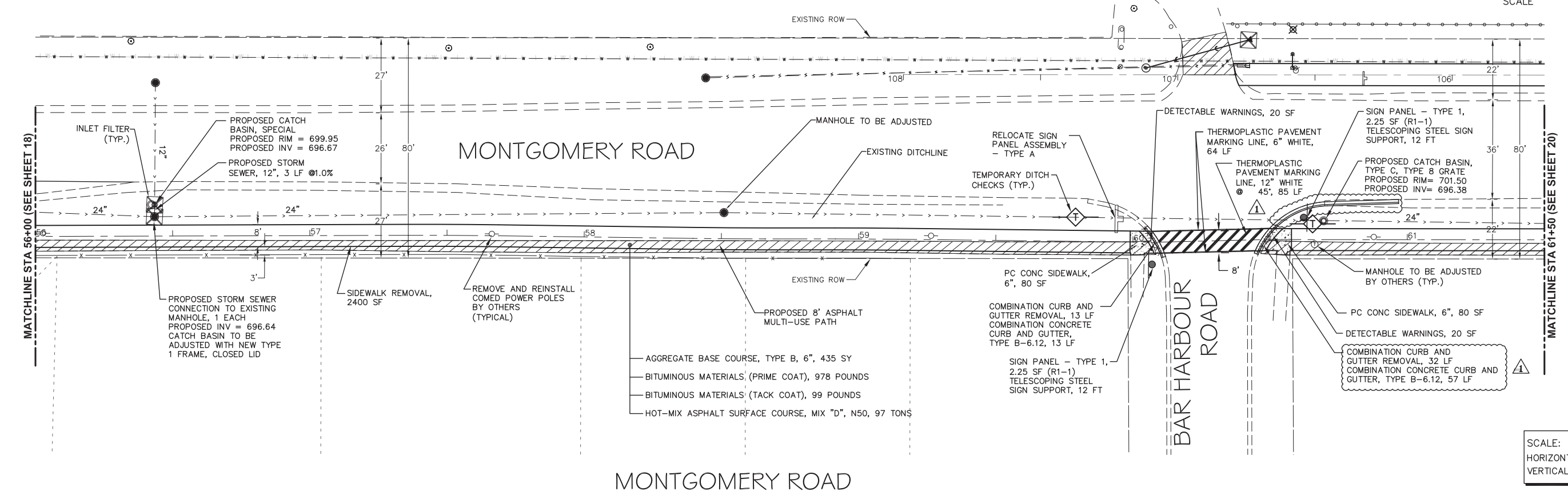
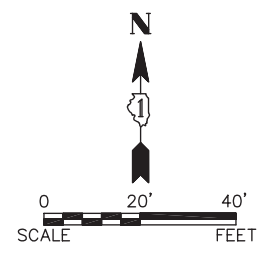
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TYPICAL SECTIONS

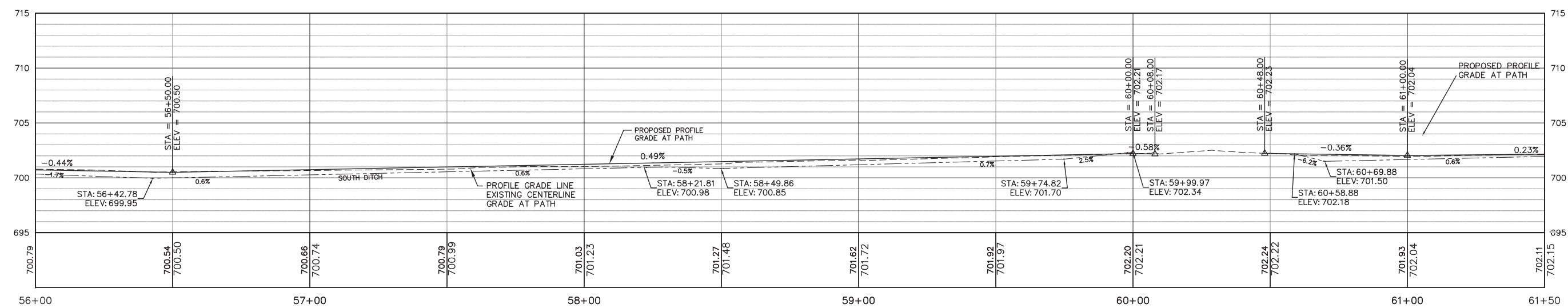
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	16-00311-00-BT	DUPAGE/KANE	34	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E88	

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



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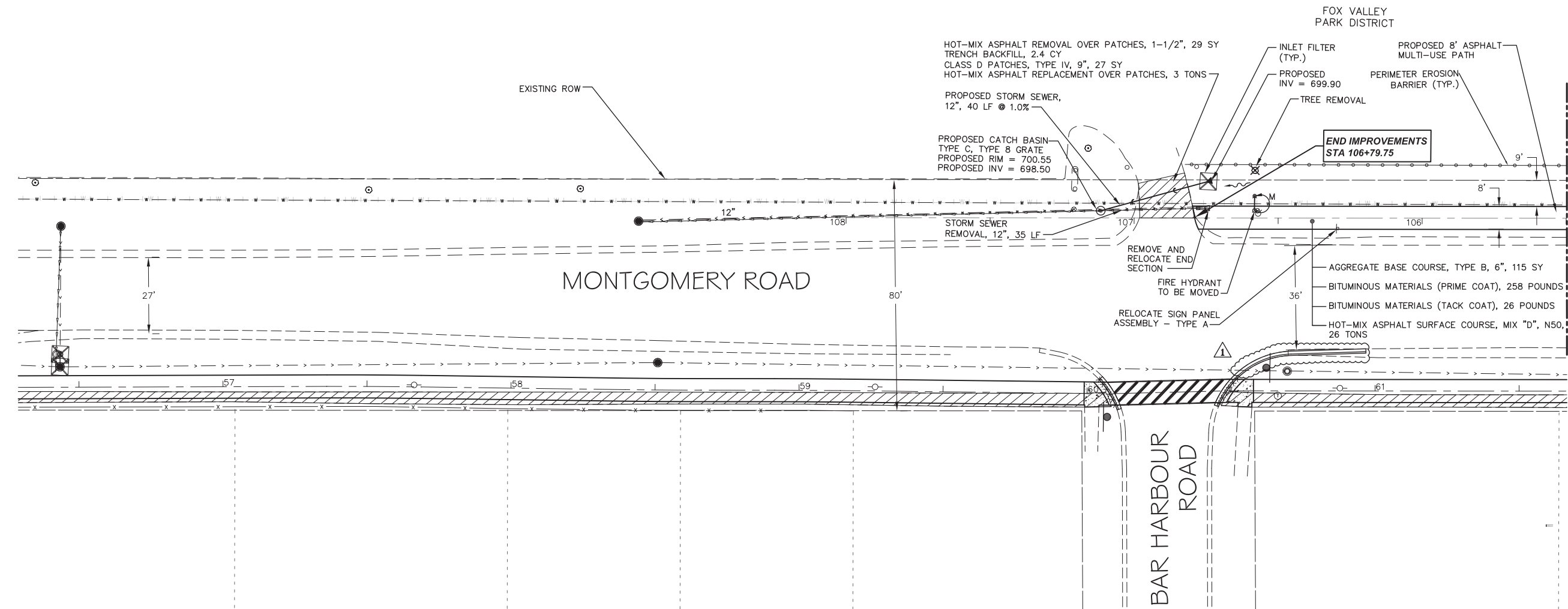
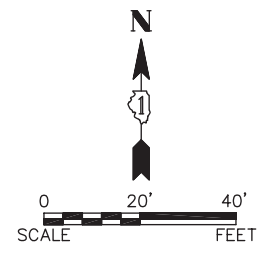
STATE OF ILLINOIS
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PLAN AND PROFILE

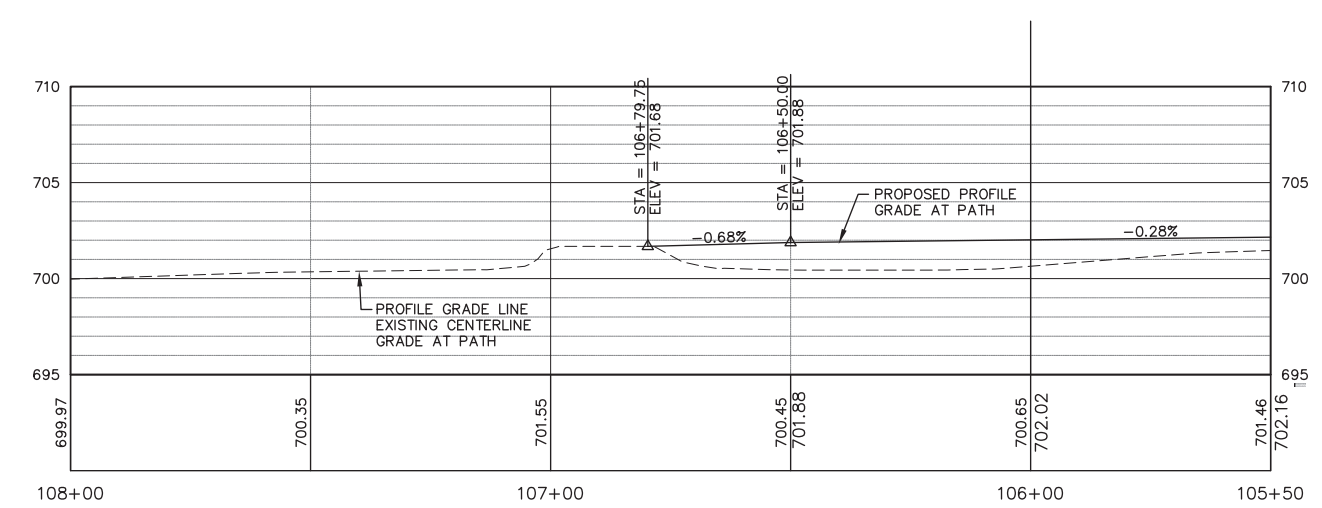
SCALE: 1" = 20' SHEET NO. 9 OF 12 SHEETS STA. 56+00 TO STA. 61+50

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



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DATE -		REVISD -
PLOT SCALE =		REVISD -
PLOT DATE =		REVISD -

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PLAN AND PROFILE

SCALE: 1" = 20' SHEET NO. 12 OF 12 SHEETS STA. 105+50 TO STA. 106+79.75

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	

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