

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	FAP 0870 23 SMART	DUPAGE	52	1
ILLINOIS CONTRACT NO. 62V86				

TOTAL SHEETS=52+1= 53 SHEETS

2

D-91-064-24

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED WITHIN
THE VILLAGES OF WOODRIDGE AND
LISLE

TRAFFIC DATA:

IL ROUTE 53:
N OF 61ST STREET TO 75TH STREET
ADT (2023) = 25400 VPD TO 27300 VPD
SPEED LIMIT = 45 MPH

OTHER PRINCIPAL ARTERIAL

PROPOSED
HIGHWAY PLANS

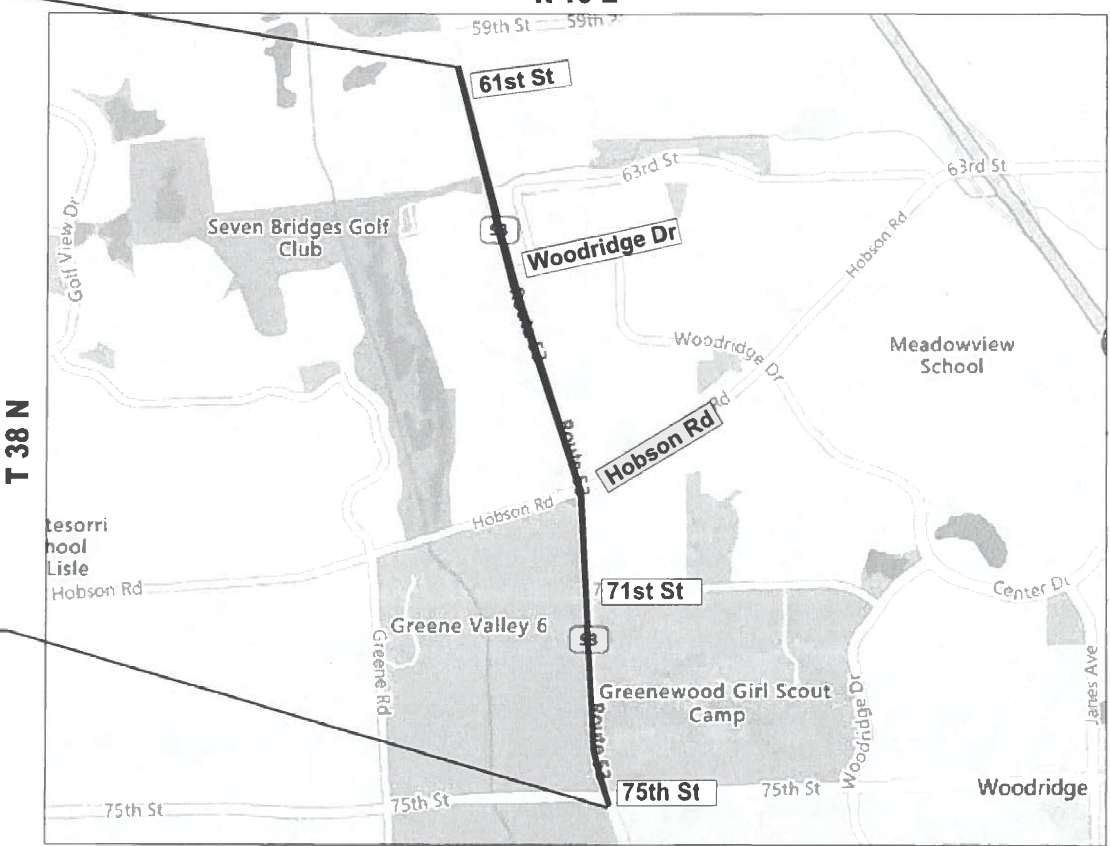
FAP ROUTE 870: IL 53 (LINCOLN AVENUE)
NORTH OF 61ST STREET TO 75TH STREET
SECTION: FAP 0870 23 SMART
PROJECT: NHPP-KB3C(766)
SMART OVERLAY, ADA IMPROVEMENTS
DUPAGE COUNTY

C-91-072-24

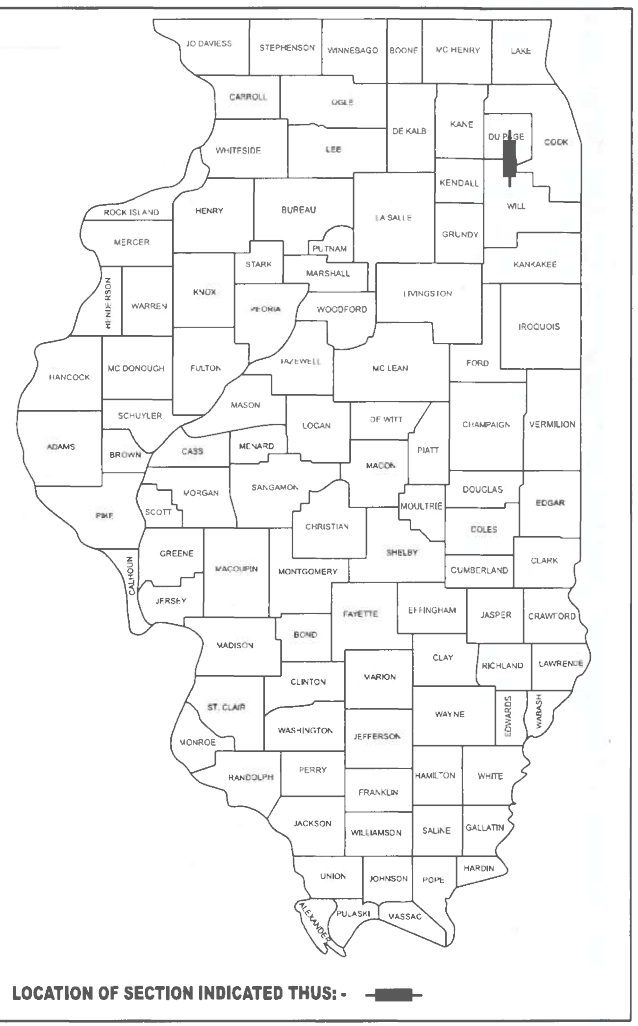
R 10 E

PROJECT ENDS
STA. 116+88

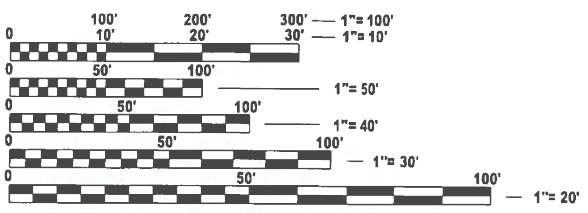
PROJECT BEGINS
STA. 15+05



LOCATION MAP
(NOT TO SCALE)



LOCATION OF SECTION INDICATED THUS: -



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

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

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62V86

GROSS LENGTH = NET LENGTH = 10,188 FT. = 1.930 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 27th 2025
Jas... 12
REGIONAL ENGINEER

March 21 2025
S...
ENGINEER OF DESIGN AND ENVIRONMENT

March 21 2025
J...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: SOQ final 1 (Sheet)
FILE NAME: c:\pw_work\pwwork\elkhalibaj\41033178\0106424-shr-SOQ.dgn

SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	ROADWAY	TRAFFIC SIGNALS			
					80% FED 20% STATE	100% STATE	80% FED 20% STATE			
	Code No.	Item	Unit	Total Quantity	0005	0005	0021			
	20200100	EARTH EXCAVATION	CU YD	55	55					
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	180	180					
	25200110	SODDING, SALT TOLERANT	SQ YD	180	180					
	25200200	SUPPLEMENTAL WATERING	UNIT	1	1					
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	54	54					
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	35010	35010					
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	30150	30150					
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	105	105					
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	410	410					
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	633	633					
	40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	6848	6848					
	42001300	PROTECTIVE COAT	SQ YD	465	465					
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	7	7					
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2446	2446					
	42400800	DETECTABLE WARNINGS	SQ FT	270	270					
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	7460	7460					
	44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	69870	69870					
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	60	60					
	44000600	SIDEWALK REMOVAL	SQ FT	2466	2466					
	44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	210	210					
	44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	1155	1155					

MODEL: SOQ final 2 (Sheet)
FILE NAME: c:\paw_work\pawdelkhatibaj\10331780\106424-shr-SOQ.dgn

SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	ROADWAY	TRAFFIC SIGNALS			
					80% FED 20% STATE	100% STATE	80% FED 20% STATE			
	Code No.	Item	Unit	Total Quantity	0005	0005	0021			
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7910	7910	1				
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	3903	3903					
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	73980	73980					
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	15675	15675					
	70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	315	315					
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	4200	4200	1				
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	2565	2565					
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1301	1301					
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	24660	24660					
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5225	5225					
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	105	105					
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1400	1400	1				
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	855	855					
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	692	692					
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	692	692					
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	15155	15155					
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	168			168		1	
	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	60			60			
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5			5			
	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	15			15			
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	968			968			1
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	632			632			
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	135			135			

SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	ROADWAY	TRAFFIC SIGNALS			
					80% FED 20% STATE	100% STATE	80% FED 20% STATE			
	Code No.	Item	Unit	Total Quantity	0005	0005	0021			
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	678			678			
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	27			27			
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	62			62		1	
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4			4			
*	87900200	DRILL EXISTING HANDHOLE	EACH	11			11		1	
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4			4		1	
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	9			9			
*	88600100	DETECTOR LOOP, TYPE I	FOOT	3935			3935			
*	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1			1			
*	89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1			
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	558			558		1	
*	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	146			146			
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2			2			
*	89502376	REBUILD EXISTING HANDHOLE	EACH	3			3			
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1			1		1	
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3			3		1	
*	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3			3			
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	300	300					
	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	520	520					
Δ	X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	375		375				
	X6025604	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	1	1					*

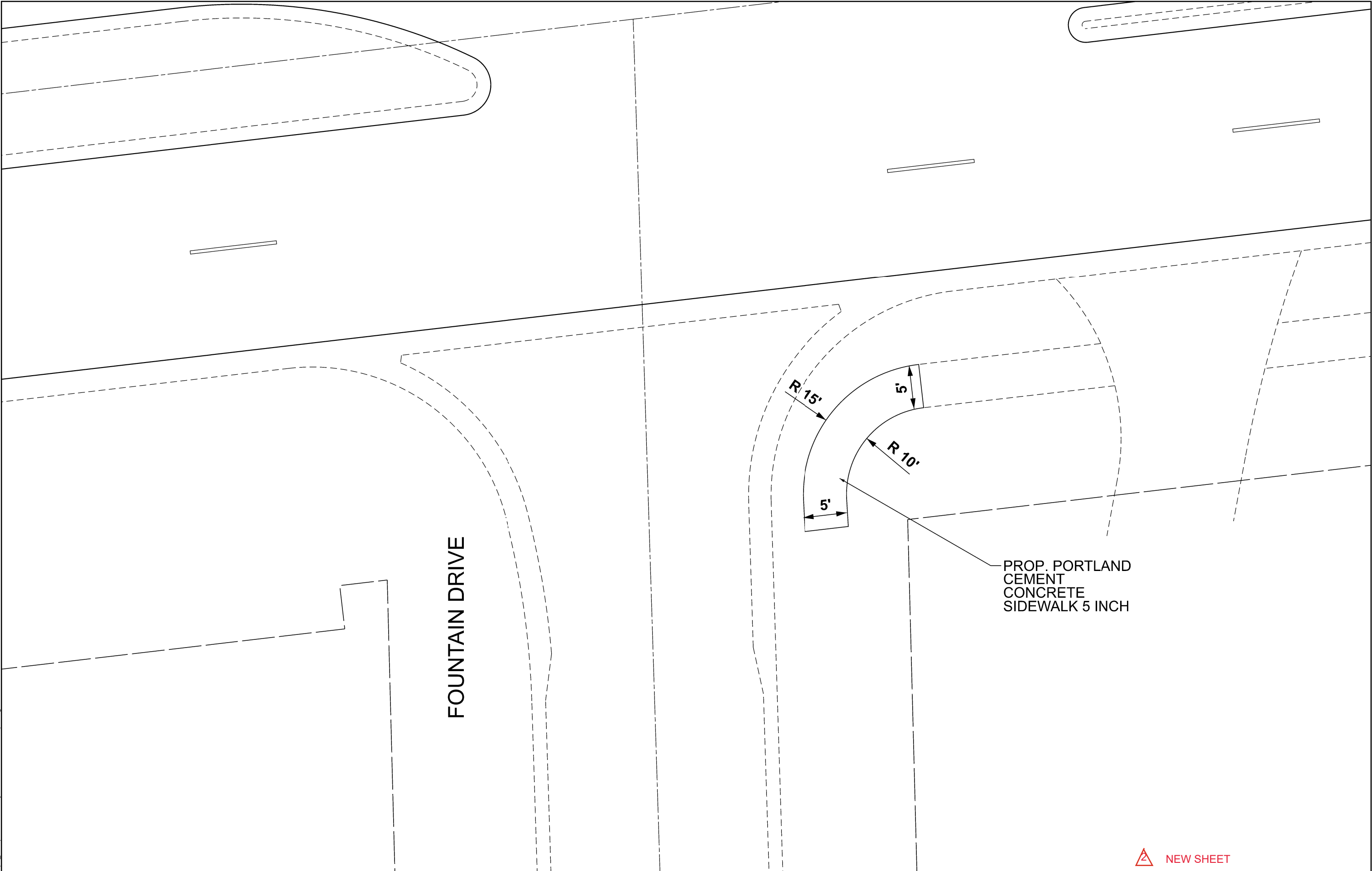
* = SPECIALTY ITEMS
Δ = NON-PARTICIPATING WORK (100% STATE)

1 REVISED SHEET 4/9/2025

	USER NAME	= Aya.Elkhathib	DESIGNED	-	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITES					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	REVISED	-		IL. ROUTE 53 (LINCOLN AVE.) (NORTH OF 61ST ST. TO 75TH ST.)	870	FAP 0870 23 SMART	DUPAGE	52	4				
			CHECKED	-	REVISED	-					CONTRACT NO. 62V86						
	PLOT DATE	= 2/5/2025	DATE	-	REVISED	-			SCALE:	SHEET 2	OF 3	SHEETS	STA.	TO STA.			

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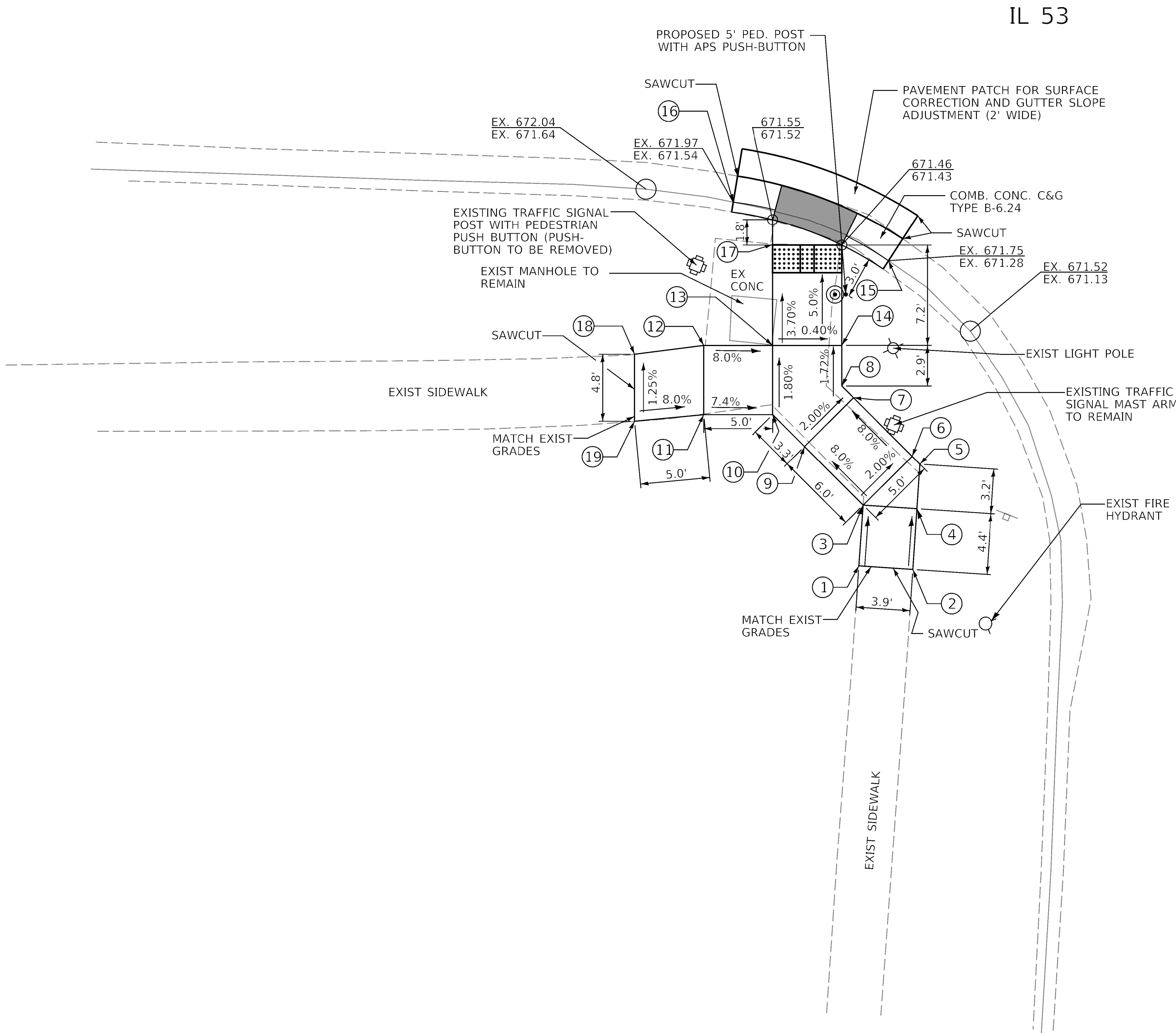
 NEW SHEET

	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLANS IL ROUTE 53 (LINCOLN AVE.) AND FOUNTAIN DR.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					870	FAP 0870 23 SMART	DUPAGE	52	12A
		CHECKED -	REVISED -					CONTRACT NO. 62V86				
	PLOT DATE =	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



LEGEND

- [Grid of dots] DETECTABLE WARNING
- XX.XX PROPOSED ELEVATION
- EX XX.XX EXISTING ELEVATION
- XX.XX T/CURB ELEVATION
- XX.XX B/CURB ELEVATION
- [Solid grey rectangle] DEPRESSED CURB



POINT #	NORTHING	EASTING	ELEVATION
1	1857676.96	1056770.29	EX 673.40
2	1857680.69	1056769.13	EX 673.24
3	1857675.66	1056766.08	672.47
4	1857679.37	1056764.92	672.55
5	1857678.41	1056761.83	672.39
6	1857677.69	1056761.51	672.37
7	1857672.20	1056759.08	671.89
8	1857671.11	1056758.60	671.87
9	1857670.20	1056763.73	671.99
10	1857667.19	1056762.34	671.93
11	1857662.53	1056764.14	672.30
12	1857660.72	1056759.48	672.24
13	1857665.33	1056757.66	671.84
14	1857670.05	1056755.87	671.82
15	1857670.99	1056748.95	EX 671.28
16	1857658.58	1056747.18	EX 671.54
17	1857662.76	1056750.89	671.57
18	1857656.29	1056761.88	EX 672.64
19	1857658.04	1056766.39	EX 672.70

ROADWAY IMPROVEMENT SCHEDULE							
20200100	21101615	25200110	4000500	4000600	42400200	42400800	60605000
EARTH EXCAVATION	SODDING, SALT TOLERANT	TOPSOIL FURNISH AND PLACE, 4"	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNING	COMBINATION CURB AND GUTTER, TYPE B-6.24
CU YD	SQ YD	SQ YD	FOOT	SQ FT	SQ FT	SQ FT	FOOT
1.77	15	15	13	164	177	10	12

2 REVISED SHEET

MODEL: SHORLNAMEES
FILE: 0870_012515

DELTA ENGINEERING GROUP, LLC
CONSULTING ENGINEERS, CONSTRUCTION MANAGERS, SURVEYORS
111 W JACKSON BLVD, SUITE 910
CHICAGO, IL 60604
T 312.377.7700, F 312.427.6145

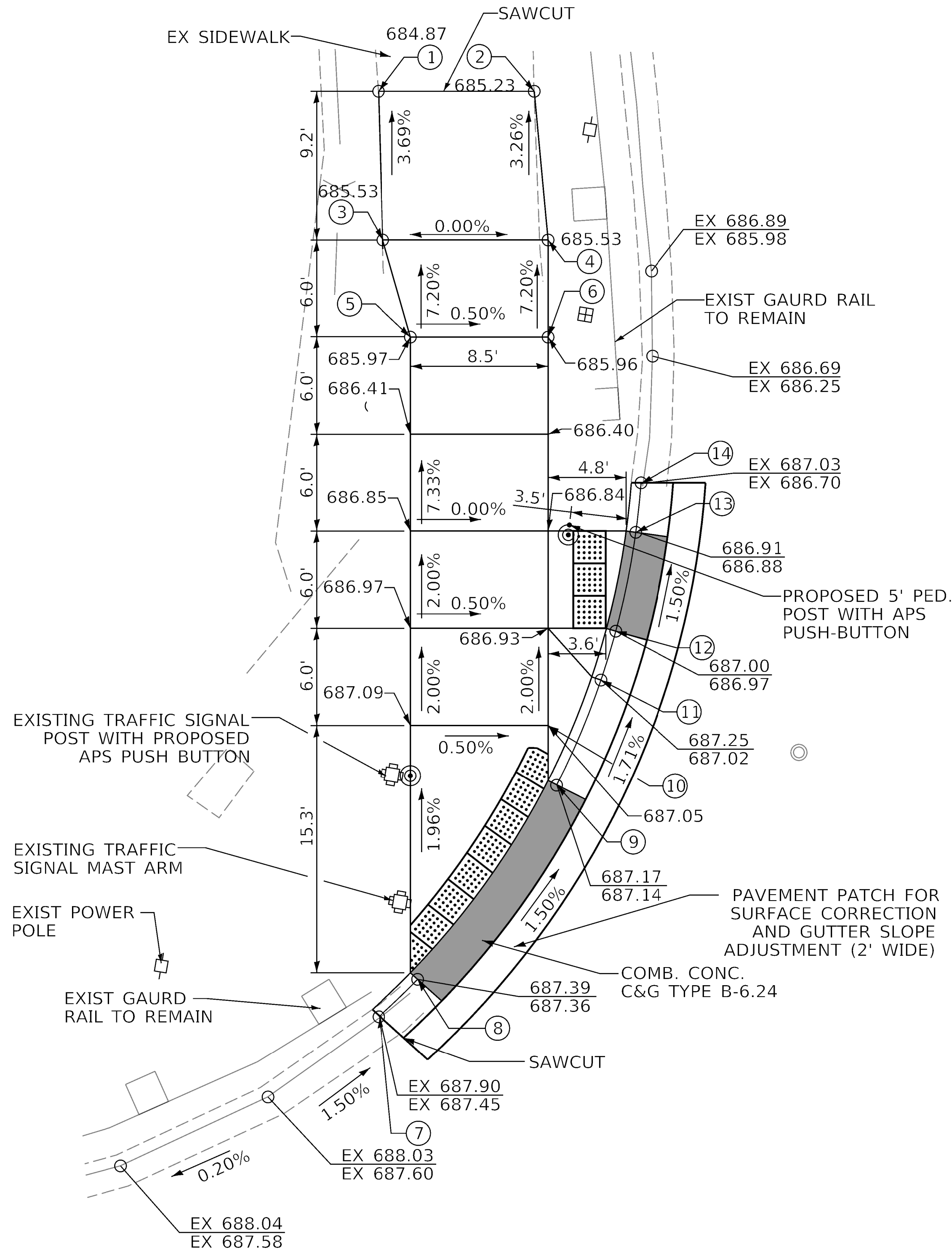
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	DRAWN - PM	REVISED -
PLOT SCALE = \$SCALES	CHECKED - MA/JS	REVISED -
PLOT DATE = \$DATES	DATE - 01/31/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA IMPROVEMENT PLAN
IL-53 & HIGH TRAIL DR, WOODRIDGE, IL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	FAP 0870 23 Smart	DUPAGE	52	15
CONTRACT NO. 62V86				
		ILLINOIS	FED. AID PROJECT	



NOTE:

CONTRACTOR SHALL POURED CONCRETE FOR THE PROPOSED RAMP IMMEDIATELY ADJACENT TO THE CONCRETE FOUNDATION OF THE EXISTING POLE IN ORDER FOR THIS APS TO HAVE A COMPLAINT REACH DISTANCE

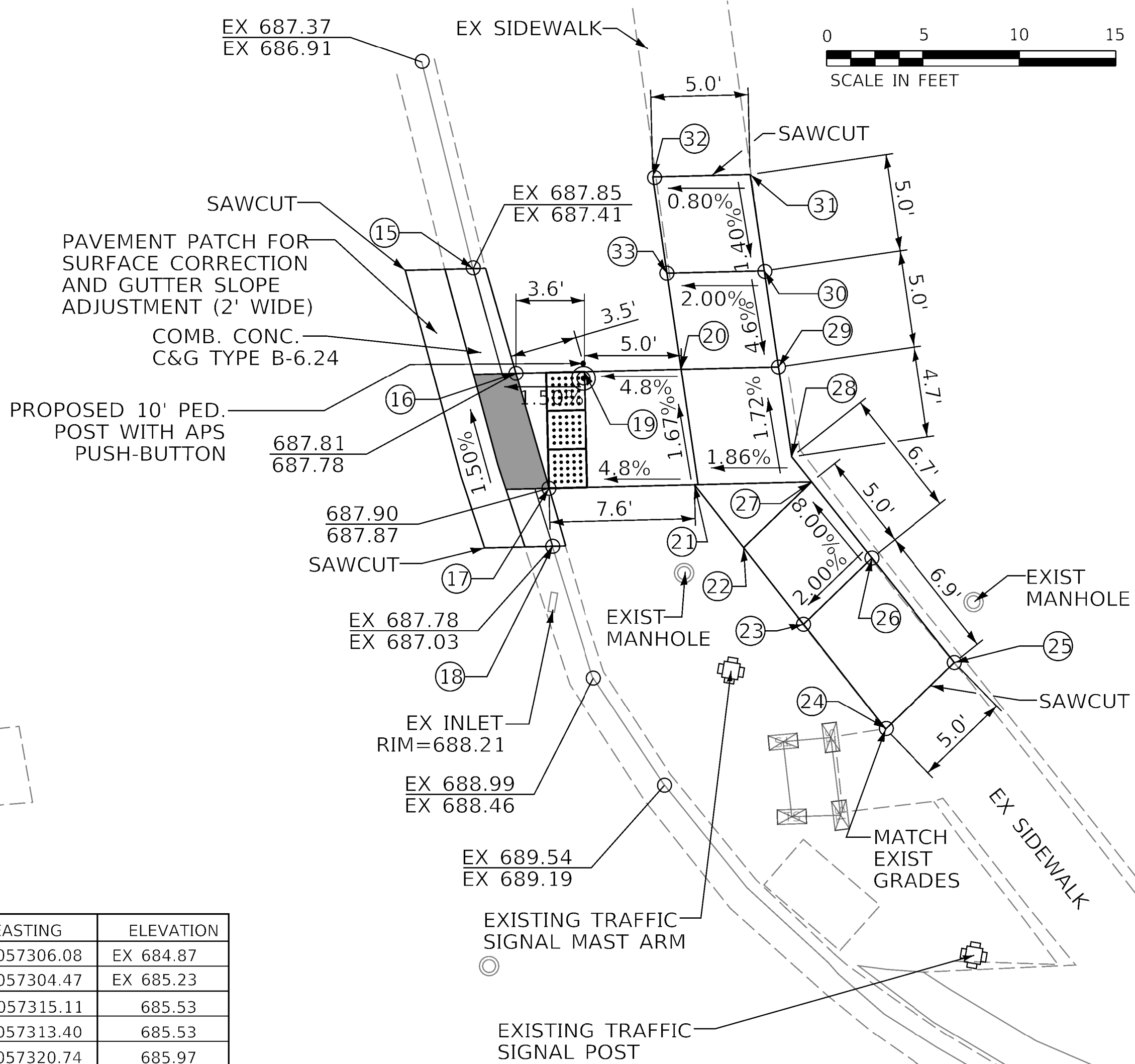
2 REVISED SHEET

IL 53

HOBSON RD

POINT #	NORTHING	EASTING	ELEVATION
1	1855443.00	1057306.08	EX 684.87
2	1855452.48	1057304.47	EX 685.23
3	1855444.79	1057315.11	685.53
4	1855454.87	1057313.40	685.53
5	1855447.49	1057320.74	685.97
6	1855455.87	1057319.31	685.96
7	1855452.63	1057362.44	EX 687.45
8	1855454.58	1057359.80	687.39
9	1855461.03	1057346.51	687.17
10	1855459.89	1057342.98	687.05
11	1855462.63	1057339.66	687.02
12	1855463.03	1057336.54	687.00
13	1855463.23	1057330.32	686.91
14	1855463.04	1057327.27	EX 686.70
15	1855541.76	1057309.33	EX 687.41
16	1855544.15	1057314.45	687.81
17	1855546.82	1057320.04	687.90
18	1855548.23	1057322.82	EX 687.03
19	1855548.35	1057313.63	687.86
20	1855553.28	1057312.65	688.10
21	1855554.95	1057318.45	688.14
22	1855558.00	1057321.24	688.40

ROADWAY IMPROVEMENT SCHEDULE							
20200100	21101615	25200110	4000500	4000600	42400200	42400800	60605000
EARTH EXCAVATION	SODDING, SALT TOLERANT	TOPSOIL FURNISH AND PLACE, 4"	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNING	COMBINATION CURB AND GUTTER, TYPE B-6.24
CU YD	SQ YD	SQ YD	FOOT	SQ FT	SQ FT	SQ FT	FOOT
5.82	35	35	54	509	582	53	56



POINT #	NORTHING	EASTING	ELEVATION
23	1855561.72	1057324.62	688.74
24	1855566.85	1057329.24	EX 689.95
25	1855569.77	1057325.26	EX 690.00
26	1855564.64	1057320.65	688.64
27	1855560.90	1057317.29	688.47
28	1855559.67	1057316.19	688.28
29	1855558.21	1057311.70	688.20
30	1855556.66	1057306.91	688.43
31	1855555.10	1057302.12	EX 688.50
32	1855550.16	1057303.09	EX 688.46
33	1855551.71	1057307.88	688.33

LEGEND

- DETECTABLE WARNING
- XX.XX PROPOSED ELEVATION
- EX XX.XX EXISTING ELEVATION
- XX.XX T/CURB ELEVATION
- XX.XX B/CURB ELEVATION
- DEPRESSED CURB

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA IMPROVEMENT PLAN
IL 53 & HOBSON RD, WOODRIDGE, IL

SCALE: SHEET OF SHEETS STA. TO STA.

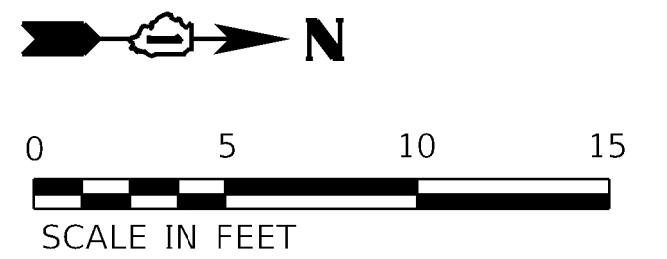
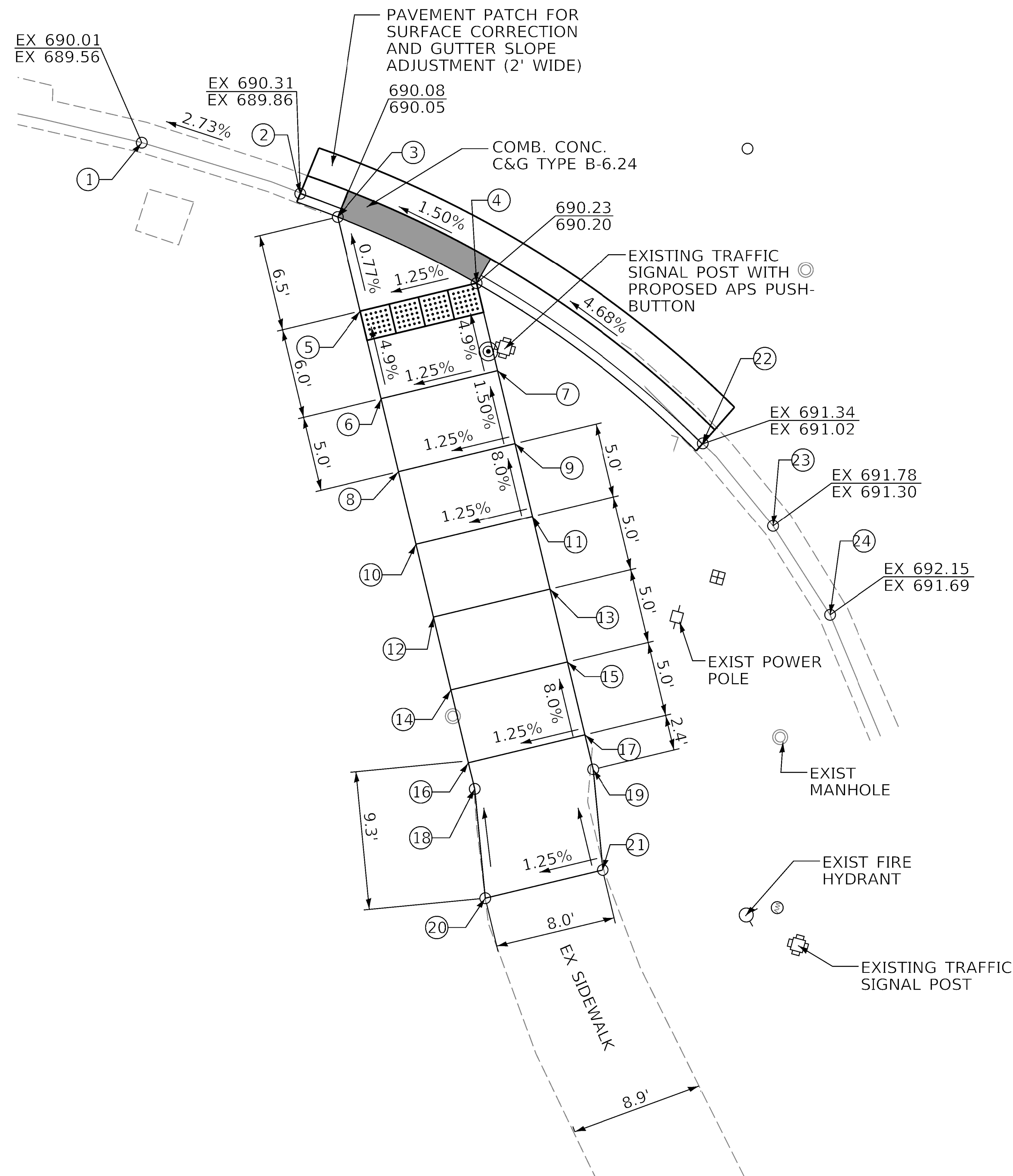
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	FAP 0870 23 Smart	DUPAGE	52	16
CONTRACT NO. 62V86				
ILLINOIS FED. AID PROJECT				

MODEL: SHORLNAME
FILE: DRAWING

DELTA ENGINEERING GROUP, LLC
CONSULTING ENGINEERS, CONSTRUCTION MANAGERS, SURVEYORS
111 W JACKSON BLVD, SUITE 910
CHICAGO, IL 60604
T 312.377.7700, F 312.427.6145

USER NAME = SUSERS	DESIGNED - JS	REVISED -
DRAWN - PM	REVISOR -	
PLOT SCALE = \$SCALES	CHECKED - MA/JS	REVISED -
PLOT DATE = \$DATES	DATE - 01/31/2025	REVISED -

HOBSON RD



LEGEND

	DETECTABLE WARNING
XX.XX	PROPOSED ELEVATION
EX XX.XX	EXISTING ELEVATION
XX.XX	<u>T/CURB ELEVATION</u>
XX.XX	<u>B/CURB ELEVATION</u>
	DEPRESSED CURB

POINT #	NORTHING	EASTING	ELEVATION
1	1855466.51	1057446.21	EX 689.56
2	1855477.59	1057446.71	EX 689.86
3	1855480.48	1057446.96	690.08
4	1855490.70	1057448.81	690.23
5	1855483.53	1057453.24	690.13
6	1855486.42	1057458.50	690.42
7	1855493.43	1057454.65	690.52
8	1855488.83	1057462.88	690.52
9	1855495.84	1057459.03	690.62
10	1855491.23	1057467.26	690.92
11	1855498.24	1057463.42	691.02
12	1855493.64	1057471.65	691.32
13	1855500.65	1057467.80	691.42
14	1855496.04	1057476.03	691.72
15	1855503.05	1057472.18	691.82
16	1855498.45	1057480.41	692.12
17	1855505.46	1057476.57	692.22
18	1855499.32	1057482.01	692.20
19	1855506.60	1057478.65	692.32
20	1855501.92	1057488.86	EX 692.98
21	1855509.00	1057484.97	EX 693.08
22	1855507.92	1057455.76	EX 691.02
23	1855513.93	1057459.79	EX 691.30
24	1855519.17	1057464.52	EX 691.69

NOTE:

CONTRACTOR SHALL POURED CONCRETE FOR THE PROPOSED RAMP IMMEDIATELY ADJACENT TO THE CONCRETE FOUNDATION OF THE EXISTING POLE IN ORDER FOR THIS APS TO HAVE A COMPLAINT REACH DISTANCE

ROADWAY IMPROVEMENT SCHEDULE							
20200100	21101615	25200110	4000500	4000600	42400200	42400800	60605000
EARTH EXCAVATION	SODDING, SALT TOLERANT	TOPSOIL FURNISH AND PLACE, 4"	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNING	COMBINATION CURB AND GUTTER TYPE B-6.24
CU YD	SQ YD	SQ YD	FOOT	SQ FT	SQ FT	SQ FT	FOOT
3.48	37	37	32	304	348	16	32