09-19-2025 LETTING ITEM 012

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	1
	ILLINOIS	CONTRACT NO. 62F86		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAP ROUTE 343A: IL-68 (DUNDEE ROAD)
FROM EAST OF KENNICOTT AVENUE TO FIRST STREET
SECTION: 2017-051RS
PROJECT: NHPP NQHR(926)
STANDARD OVERLAY / ADA IMPROVEMENTS
COOK COUNTY

C-91-064-18

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT LOCATED IN THE VILLAGES OF ARLINGTON HEIGHTS, BUFFALO GROVE & WHEELING.

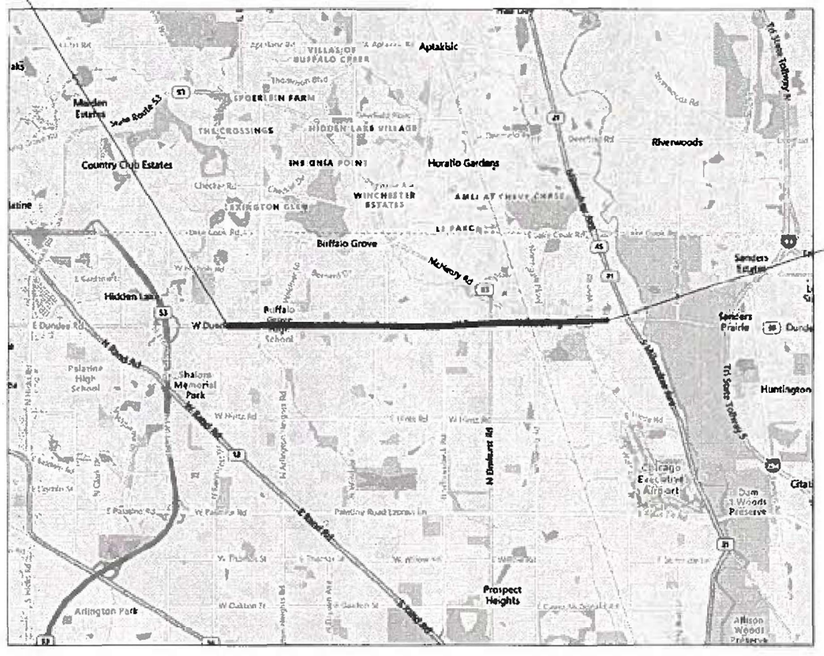
TRAFFIC DATA

2023 ADT
IL-68 (DUNDEE ROAD) = 30,300

SPEED LIMIT

IL-68 (DUNDEE ROAD) = 35 MPH

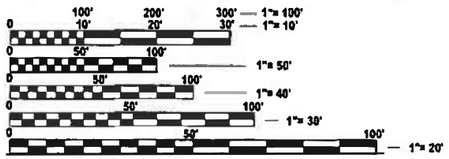
IMPROVEMENT BEGINS STA 18+42



IMPROVEMENT ENDS STA 243+19

OMISSION

STA 114+83 TO 119+90
STA 159+65 TO 160+74
STA 172+22 TO 176+54
STA 189+87 TO 195+30
STA 199+34 TO 221+20



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

D-91-214-18

LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 10th 20 25
REGIONAL ENGINEER

August 15 20 25
ENGINEER OF DESIGN AND ENVIRONMENT

August 15 20 25
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: RODRIGO LEDEZMA (847) 705-4580
PROJECT MANAGER: JEAN ALAIN MIDY (847) 221-3056

CONTRACT NO. 62F86

GROSS LENGTH = 22,477.0 FT. = 4.257 MILES
NET LENGTH = 18,700 FT. = 3.542 MILE

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV-SEP

INDEX OF SHEETS

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-08 001006	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS DECIMAL OF AN INCH AND OF AFOOT
424001-12	PREPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS, TYPE 1
604061-03	FRAME AND GRATE, TYPE 12
604091-05	FRAME AND GRATE, TYPE 24
606001-08	COMBINATION CONCRETE CURB AND GUTTER
606201-04	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701427-05	LANE CLOSURE, MULTILANE, INTERMITTEN OR MOVING OPERATION, FOR SPEEDS <40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W, WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
878001-11	CONCRETE FOUNDATION DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE VILLAGES OF ARLINGTON HEIGHTS, BUFFALO GROVE, & WHEELING.

2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED)

3. THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.

4. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

5. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

7. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

8. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

GENERAL NOTES CONTINUED

9. THE RESIDENT ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER, AT FADI.SULTAN@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

10. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

11. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH.
WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.

12. ALL PAVEMENT PATCHING LOCATIONS WILL DETERMINED IN THE FIELD BY THE ENGINEER.

13. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

14. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.

15. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

16. THE COST OF SURFACE REMOVAL IN THE GUTTER FLAG SHALL BE INCLUDED IN THE COST OF OF "HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2" PAY ITEM.

17. ALL COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

18. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

19. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING FORESTRY WORK FOR LAYOUT.

20. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.

21. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

22. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER 9 INCHES SHALL BE CS 1 OR RR 1.

23. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

24. ANY AGGREGATE SUBGRADE CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

25. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING FORESTRY WORK FOR LAYOUT.

MODEL: GenNotesSht01 [Sheet]
FILE NAME: c:\pw_workpw\dot\hassann\d09786811-eht-gennote.dgn

USER NAME = brad.gagliano	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 12/21/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
IL-68 (DUNDEE RD.) FROM KENNICOTT AVE. TO FIRST ST.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	2
		CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

REV-SEP

SUMMARY OF QUANTITIES

					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	NEW. PAVT.	ROADWAY	ROADWAY	ROADWAY	SIGNAL
					80% FED 20% STATE	80% FED 20% STATE	100% STATE	100% VILLAGE ARLINGTON HEIGHTS	100% VILLAGE BUFFALO GROVE	80% FED 20% STATE
	Code No.	Item	Unit	Total Quantity	0005	0005	0005	0005	0005	0021
	20200100	EARTH EXCAVATION	CU YD	383	118	265	0	0	0	0
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	885	885	0	0	0	0	0
	25200110	SODDING, SALT TOLERANT	SQ YD	885	885	0	0	0	0	0
	25200200	SUPPLEMENTAL WATERING	UNIT	1	1	0	0	0	0	0
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	680	0	680	0	0	0	0
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	87310	87310	0	0	0	0	0
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	65000	65000	0	0	0	0	0
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	195	195	0	0	0	0	0
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	985	985	0	0	0	0	0
	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	623	623	0	0	0	0	0
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	4234	4234	0	0	0	0	0
	40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	12750	12750	0	0	0	0	0
	40701921	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12"	SQ YD	680	0	680	0	0	0	0
	42001300	PROTECTIVE COAT	SQ YD	8900	8900	0	0	0	0	0
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	193	193	0	0	0	0	0
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	22371	22371	0	0	0	0	0
	42400800	DETECTABLE WARNINGS	SQ FT	952	952	0	0	0	0	0
	44000100	PAVEMENT REMOVAL	SQ YD	680	0	680	0	0	0	0
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	102640	102640	0	0	0	0	0
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	193	193	0	0	0	0	0

SUMMARY OF QUANTITIES

					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	NEW PAVT.	ROADWAY	ROADWAY	ROADWAY	SIGNAL
					80% FED 20% STATE	80% FED 20% STATE	100% STATE	100% VILLAGE ARLINGTON HEIGHTS	100% VILLAGE BUFFALO GROVE	80% FED 20% STATE
	Code No.	Item	Unit	Total Quantity	0005	0005	0005	0005	0005	0021
	44000600	SIDEWALK REMOVAL	SQ FT	23181	12076	0	0	1600	9505	0
	44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQ YD	4445	4445	0	0	0	0	0
	44003100	MEDIAN REMOVAL	SQ FT	730	730	0	0	0	0	0
	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	3781	3781	0	0	0	0	0
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	96	96	0	0	0	0	0
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	54	54	0	0	0	0	0
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	24	24	0	0	0	0	0
	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	11	11	0	0	0	0	0
	60255500	MANHOLES TO BE ADJUSTED	EACH	13	13	0	0	0	0	0
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1	0	0	0	0	0
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2	0	0	0	0	0
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	59	59	0	0	0	0	0
	60404900	FRAMES AND GRATES, TYPE 12	EACH	4	4	0	0	0	0	0
	60404950	FRAMES AND GRATES, TYPE 24	EACH	10	10	0	0	0	0	0
	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	10	10	0	0	0	0	0
	60406001	FRAMES AND LIDS, TYPE 1,ADA COMPLIANT, OPEN LID	EACH	1	1	0	0	0	0	0
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	3	3	0	0	0	0	0
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	730	730	0	0	0	0	0
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	383	118	265	0	0	0	0
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7	0	0	0	0	0
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	0	0	0	0	0

* SPECIALTY ITEM

△ NON-PARTICIPATING ITEMS

MODEL: SOQ01 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D1214 18-sht-SOQ.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 0.16666633 ' / In.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL-68 (DUNDEE RD.) FROM KENNICOTT AVE. TO FIRST ST.

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	3
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE: URBAN ROADWAY 80% FED 20% STATE 0005	URBAN NEW PAVT. 80% FED 20% STATE 0005	URBAN ROADWAY 100% STATE 0005	URBAN ROADWAY 100% VILLAGE ARLINGTON HEIGHTS 0005	URBAN ROADWAY 100% VILLAGE BUFFALO GROVE 0005	URBAN SIGNAL 80% FED 20% STATE 0021
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	0	0	0	0	0
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5	0	0	0	0	0
	67100100	MOBILIZATION	L SUM	1	0.5	0.5	0	0	0	0
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	0	0	0	0	0
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	0	0	0	0	0
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	0	0	0	0	0
	70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1	0	0	0	0	0
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	0	0	0	0	0
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	0	0	0	0	0
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	0	10	0	0	0	0
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	111295	111295	0	0	0	0	0
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	11130	11130	0	0	0	0	0
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	2665	2665	0	0	0	0	0
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	61467	61467	0	0	0	0	0
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	8623	8623	0	0	0	0	0
	70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	490	490	0	0	0	0	0
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	4650	4650	0	0	0	0	0
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	1310	1310	0	0	0	0	0
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2665	2665	0	0	0	0	0
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	61467	61467	0	0	0	0	0
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	8623	8623	0	0	0	0	0
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	490	490	0	0	0	0	0
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	4650	4650	0	0	0	0	0
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1310	1310	0	0	0	0	0
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2075	2075	0	0	0	0	0
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1500	1500	0	0	0	0	0
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	34094	34094	0	0	0	0	0
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	532	0	0	0	0	0	532
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	823	0	0	0	0	0	823
*	81400200	HEAVY-DUTY HANDHOLE	EACH	4	0	0	0	0	0	4
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	11	0	0	0	0	0	11
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	5924	0	0	0	0	0	5924
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3353	0	0	0	0	0	3353
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8521	0	0	0	0	0	8521
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	611	0	0	0	0	0	611
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1797	0	0	0	0	0	1797
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	40	0	0	0	0	0	40
*	87900200	DRILL EXISTING HANDHOLE	EACH	51	0	0	0	0	0	51
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16	0	0	0	0	0	16
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	31	0	0	0	0	0	31
*	88600100	DETECTOR LOOP, TYPE I	FOOT	5834	0	0	0	0	0	5834

SUMMARY OF QUANTITIES

TYPE CODE: URBAN ROADWAY 80% FED 20% STATE 0005 | URBAN NEW PAVT. 80% FED 20% STATE 0005 | URBAN ROADWAY 100% STATE 0005 | URBAN ROADWAY 100% VILLAGE ARLINGTON HEIGHTS 0005 | URBAN ROADWAY 100% VILLAGE BUFFALO GROVE 0005 | URBAN SIGNAL 80% FED 20% STATE 0021

* SPECIALTY ITEM △ NON-PARTICIPATING ITEMS

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633 ' / In.	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL-68 (DUNDEE RD.) FROM KENNICOTT AVE. TO FIRST ST.

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	4
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

MODEL: SQQ02 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D1214 18-sht-SQQ.dgn

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE: URBAN ROADWAY 80% FED 20% STATE 0005	URBAN NEW PAVT. 80% FED 20% STATE 0005	URBAN ROADWAY 100% STATE 0005	URBAN ROADWAY 100% VILLAGE ARLINGTON HEIGHTS 0005	URBAN ROADWAY 100% VILLAGE BUFFALO GROVE 0005	URBAN SIGNAL 80% FED 20% STATE 0005
*	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	9	0	0	0	0	0	9
*	89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1	0	0	0	0	0	1
*	89502200	MODIFY EXISTING CONTROLLER	EACH	7	0	0	0	0	0	7
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1365	0	0	0	0	0	1365
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	10	0	0	0	0	0	10
*	89502376	REBUILD EXISTING HANDHOLE	EACH	15	0	0	0	0	0	15
*	89502380	REMOVE EXISTING HANDHOLE	EACH	1	0	0	0	0	0	1
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1	0	0	0	0	0
	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	409	0	0	0	0	0	409
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	10	0	0	0	0	0	10
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	10	0	0	0	0	0	10
*	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	16	0	0	0	0	0	16
*	X1400450	REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	8	0	0	0	0	0	8
*	X2010100	TREE LIMB REMOVAL (4 - 10 INCHES DIAMETER)	EACH	6	6	0	0	0	0	0
*	X2100002	PRUNING FOR SAFETY & EQUIP. CLEAR	UNIT	25.8	25.8	0	0	0	0	0
	X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	2	2	0	0	0	0	0
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	270	270	0	0	0	0	0
	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	19030	19030	0	0	0	0	0
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQYD	24028	24028	0	0	0	0	0
△	X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1500	0	0	1500	0	0	0
	X6700407	**ENGINEER'S FIELD OFFICE, TYPE A (D1)**	FOOT	18	18	0				

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE: URBAN ROADWAY 80% FED 20% STATE 0005	URBAN NEW PAVT. 80% FED 20% STATE 0005	URBAN ROADWAY 100% STATE 0005	URBAN ROADWAY 100% VILLAGE ARLINGTON HEIGHTS 0005	URBAN ROADWAY 100% VILLAGE BUFFALO GROVE 0005	URBAN SIGNAL 80% FED 20% STATE 0005
*	X6028004	ELECTRIC MANHOLE TO BE ADJUSTED	EACH	1	0	0	0	0	0	1
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	63	63	0	0	0	0	0
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0	1	0	0	0	0
*	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	3	0	0	0	0	0	3
*	X8620250	UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	3	0	0	0	0	0	3
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	87	0	0	0	0	0	87
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	104	0	0	0	0	0	104
△	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	186	0	0	186	0	0	0
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	700	700	0	0	0	0	0
*	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	11	0	0	0	0	0	11
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	0	0	0	0	0
Ø	Z0076600	TRAINEES	HOUR	500	500					
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500					

Ø 0042

* SPECIALTY ITEM △ NON-PARTICIPATING ITEMS

MODEL: SOQ03 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D121418-sht-SOQ.dgn

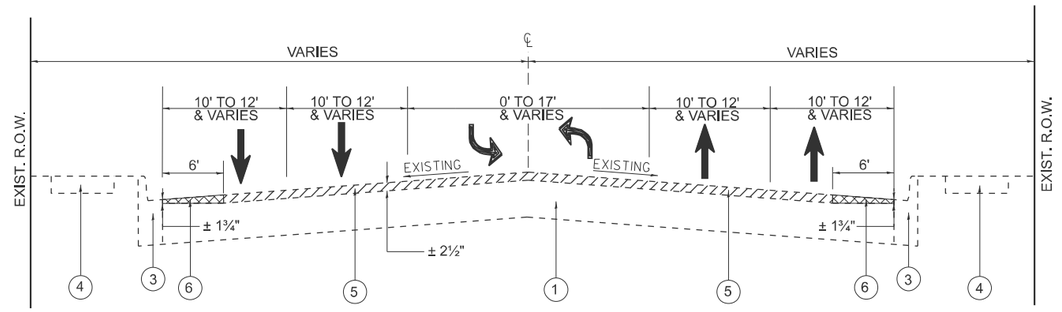
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

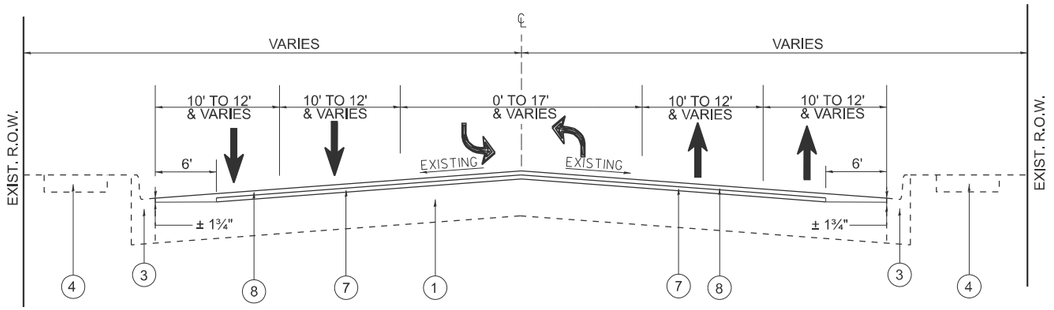
SUMMARY OF QUANTITIES
IL-68 (DUNDEE RD.) FROM KENNICOTT AVE. TO FIRST ST.
SCALE: | SHEET OF 3 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	5
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

REV-SEP



DUNDEE ROAD
EXISTING TYPICAL SECTION
STA. 18+42 TO STA. 243+19



DUNDEE ROAD
PROPOSED TYPICAL SECTION
STA. 18+42 TO STA. 243+19

LEGEND

1. EXIST. P.C.C. PAVEMENT 10"
2. EXIST. HOT-MIX ASPHALT PAVEMENT ± 2½"
3. EXIST. COMBINATION CONCRETE CURB AND GUTTER
4. EXIST. P.C.C SIDEWALK
5. PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2½"
6. PROP. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
7. PROP. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾"
8. PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "E", N70, 1¾"

MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	**VOIDS @ Ndes**	
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "E", N70, 1¾ INCH	4% AT 70 GYR.	PFP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾ INCH	3.5% AT 50 GYR.	QCP
NEW PAVEMENT (FULL DEPTH) 12"		
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 12 INCH	4% AT 90 GYR.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER, IL-19.0 mm), 10 INCH	4% AT 70 GYR.	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER, IL-19.0 mm)	4% AT 70 GYR.	QC/QA
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); PAY FOR PERFORMANCE (PFP)		

NOTE:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN
2. 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 RECLAIMED MATERIALS SPECIFICATIONS.

NOTES

1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER POLY. HMA BINDER COURSE, IL-4.5, N50

MODEL: Typical Section [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannm\d0976861\D1212418-sht-typical.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/4/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
IL-68 (DUNDEE RD.) FROM KENNICOTT AVE. TO FIRST ST.

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

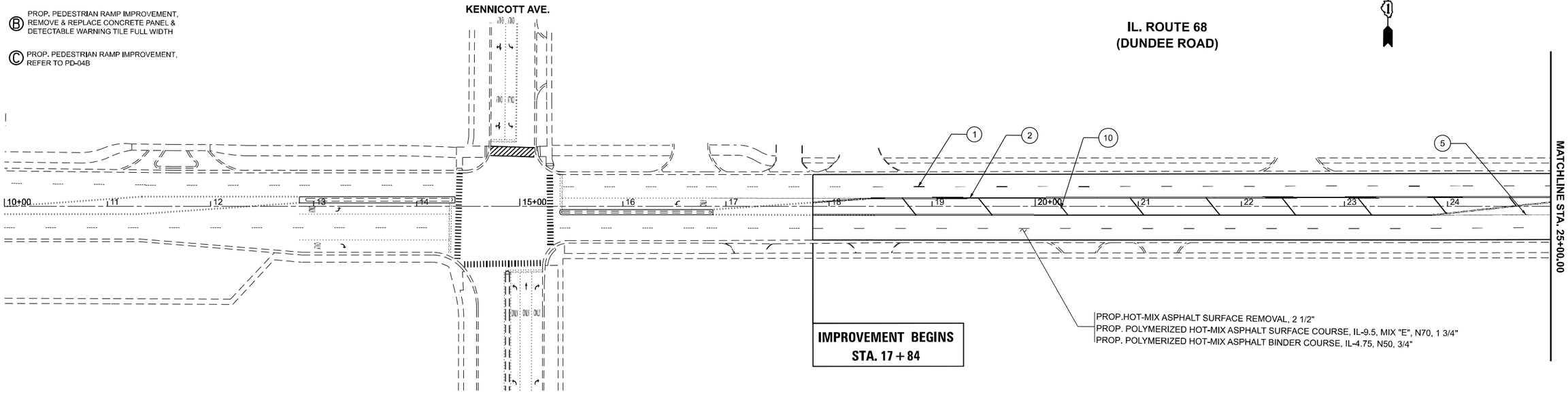
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	6
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

SIDEWALK LEGEND

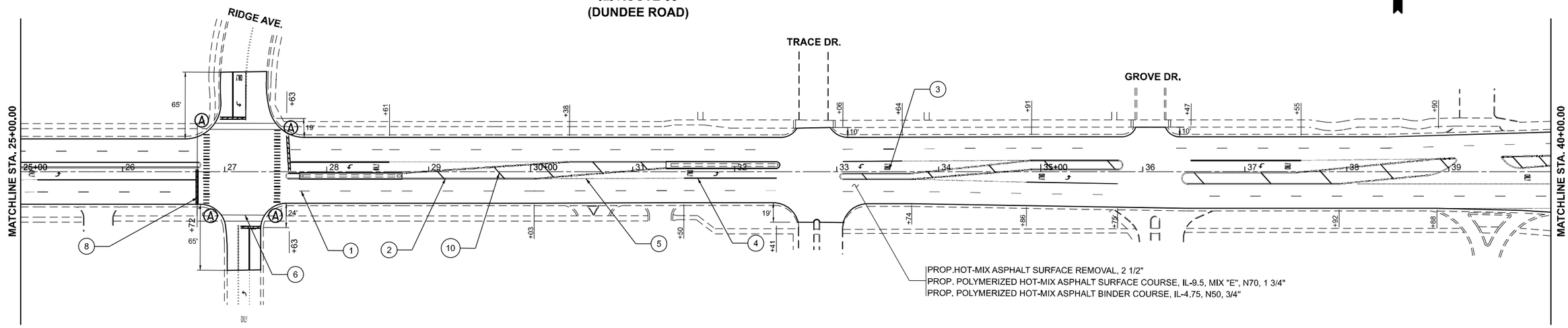
Ⓐ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS

Ⓑ PROP. PEDESTRIAN RAMP IMPROVEMENT, REMOVE & REPLACE CONCRETE PANEL & DETECTABLE WARNING TILE FULL WIDTH

Ⓒ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B



1. PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.)
2. PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)
3. PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
4. PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)
5. PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)
6. PROP. THERMO. PAVEMENT MARKING LINE, 6" CROSSWALK, 6' C-C WHITE (TYP.)
7. PROP. THERMO. PAVEMENT MARKING LINE, 12" CROSSWALK, WHITE (TYP.)
8. PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)
9. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN 10' C-C, WHITE (TYP.)
10. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45° 75' C-C, YELLOW (TYP.)
11. PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)
12. PROP. THERMOPLASTIC PVMT MARKING 4", EDGE LINE, YELLOW (TYP.)



ROADWAY NOTES

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING IDOT D1 RRPM DETAIL TC-11

MODEL: IL68_E - RdwyPlan 1
FILE NAME: c:\dw_work\pwidot\hassannd\d0976881\D1214 18-sht-plan.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' | SHEET OF 11 SHEETS | STA. 10+00.00 TO STA. 40+00.00

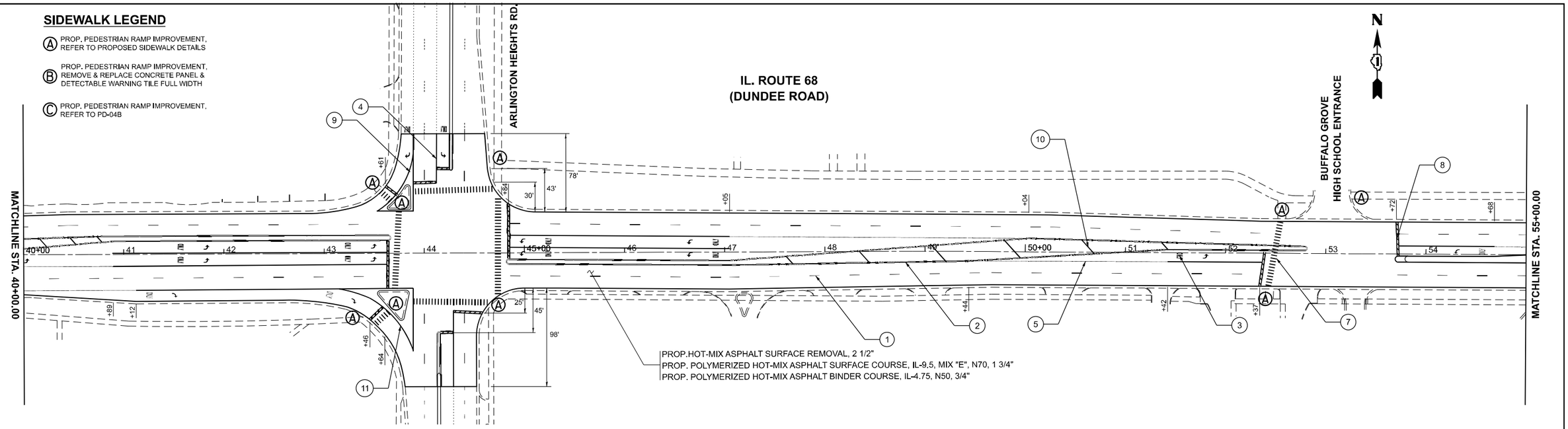
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	7
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

SIDEWALK LEGEND

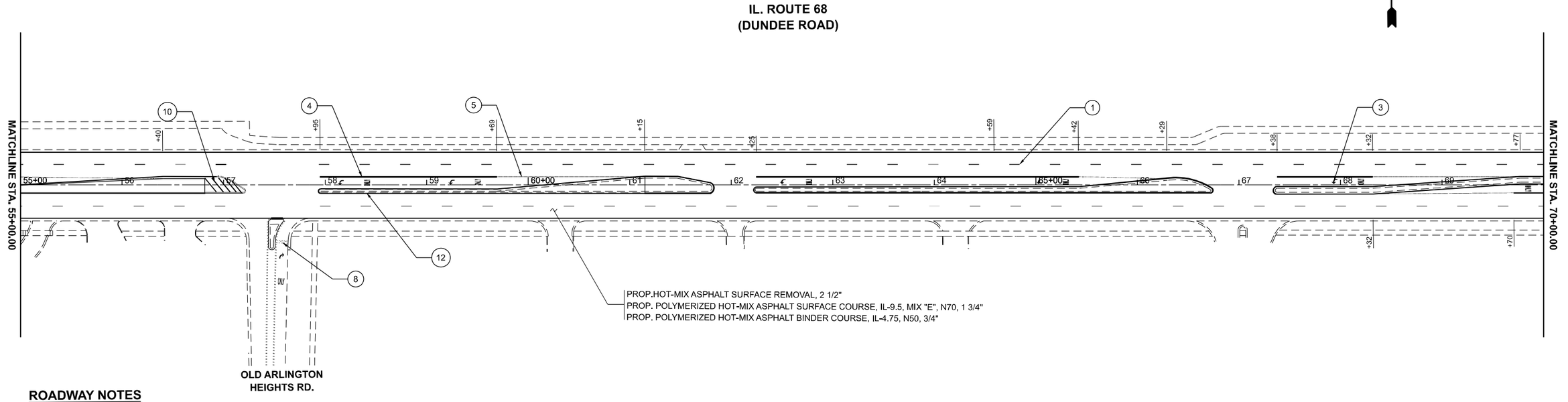
Ⓐ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS

Ⓑ PROP. PEDESTRIAN RAMP IMPROVEMENT, REMOVE & REPLACE CONCRETE PANEL & DETECTABLE WARNING TILE FULL WIDTH

Ⓒ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B



1. PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.)
2. PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)
3. PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
4. PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)
5. PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)
6. PROP. THERMO. PAVEMENT MARKING LINE, 6" CROSSWALK, 6' C-C WHITE (TYP.)
7. PROP. THERMO. PAVEMENT MARKING LINE, 12" CROSSWALK, WHITE (TYP.)
8. PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)
9. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN 10' C-C, WHITE (TYP.)
10. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45° 75' C-C, YELLOW (TYP.)
11. PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)
12. PROP. THERMOPLASTIC PVMT MARKING 4", EDGE LINE, YELLOW (TYP.)



ROADWAY NOTES

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING IDOT D1 RRPM DETAIL TC-11

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

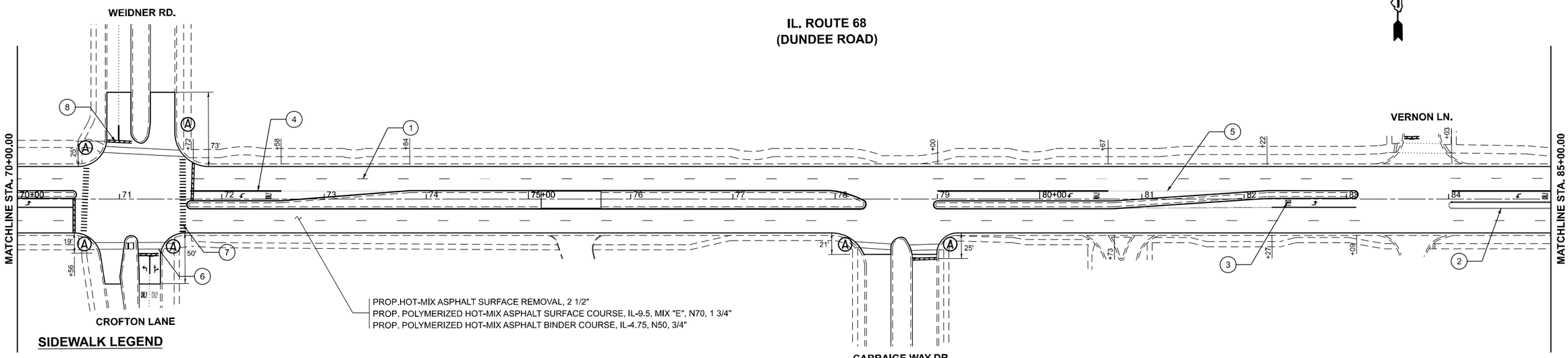
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' | SHEET OF 11 SHEETS | STA. 40+00.00 TO STA. 70+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	8
		CONTRACT NO. 62F86		
		ILLINOIS FED. AID PROJECT		

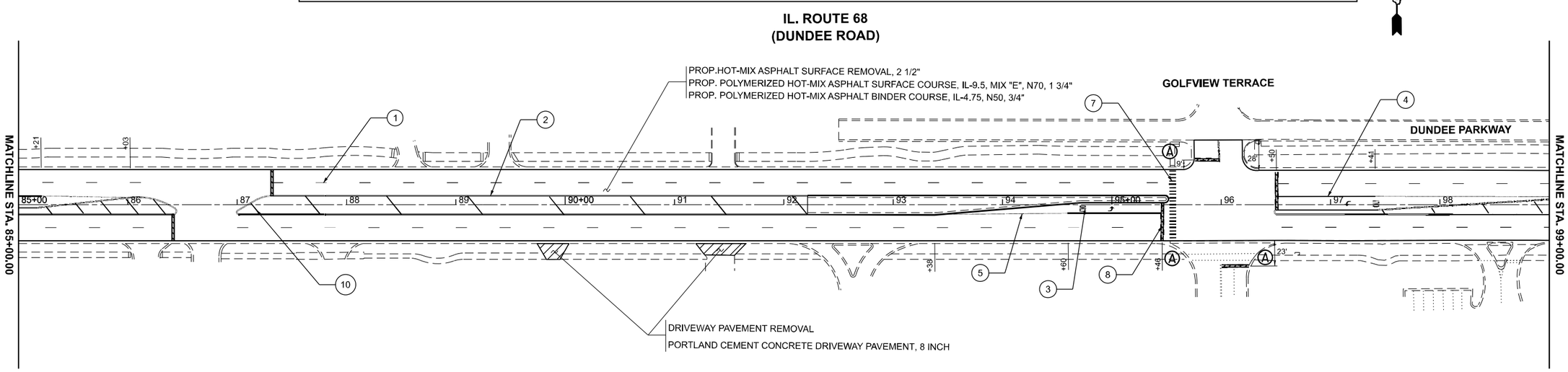
MODEL: IL68_E - RdwyPlan 3
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D1214 18-sht-plan.dgn



SIDEWALK LEGEND

- (A) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS
- (B) PROP. PEDESTRIAN RAMP IMPROVEMENT, REMOVE & REPLACE CONCRETE PANEL & DETECTABLE WARNING TILE FULL WIDTH
- (C) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B

1. PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.)
2. PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)
3. PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
4. PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)
5. PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)
6. PROP. THERMO. PAVEMENT MARKING LINE, 6" CROSSWALK, 6' C-C WHITE (TYP.)
7. PROP. THERMO. PAVEMENT MARKING LINE, 12" CROSSWALK, WHITE (TYP.)
8. PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)
9. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN 10' C-C, WHITE (TYP.)
10. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45° 75' C-C, YELLOW (TYP.)
11. PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)
12. PROP. THERMOPLASTIC PVMT MARKING 4", EDGE LINE, YELLOW (TYP.)



ROADWAY NOTES

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING IDOT D1 RRPM DETAIL TC-11

MODEL: IL68_E - RdwyPlan 5
FILE NAME: c:\pw_work\pwidot\hassannn\d0976861\D1214 18-sht-plan.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' | SHEET OF 11 SHEETS | STA. 70+00.00 | TO STA. 99+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	9
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

SIDEWALK LEGEND

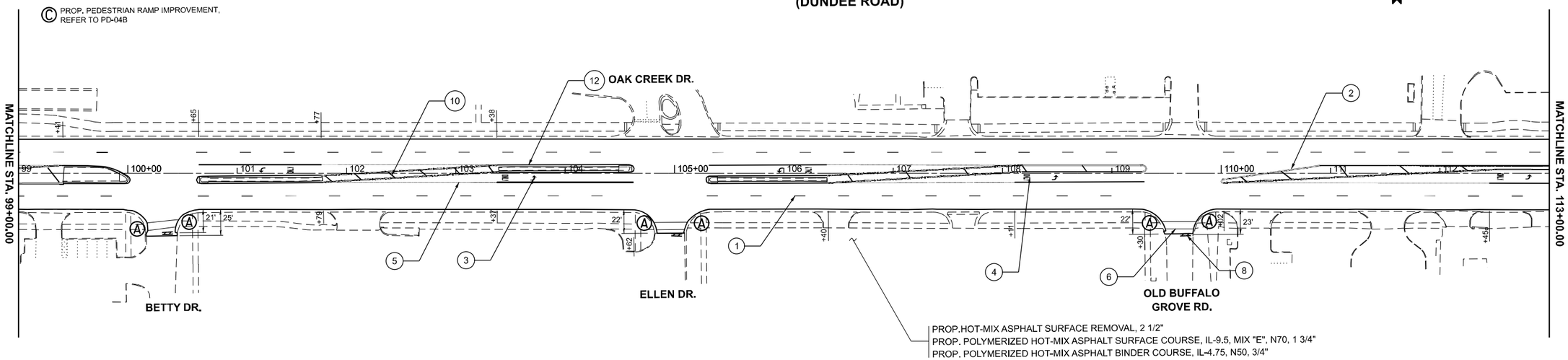
Ⓐ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS

Ⓑ PROP. PEDESTRIAN RAMP IMPROVEMENT, REMOVE & REPLACE CONCRETE PANEL & DETECTABLE WARNING TILE FULL WIDTH

Ⓒ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B

N

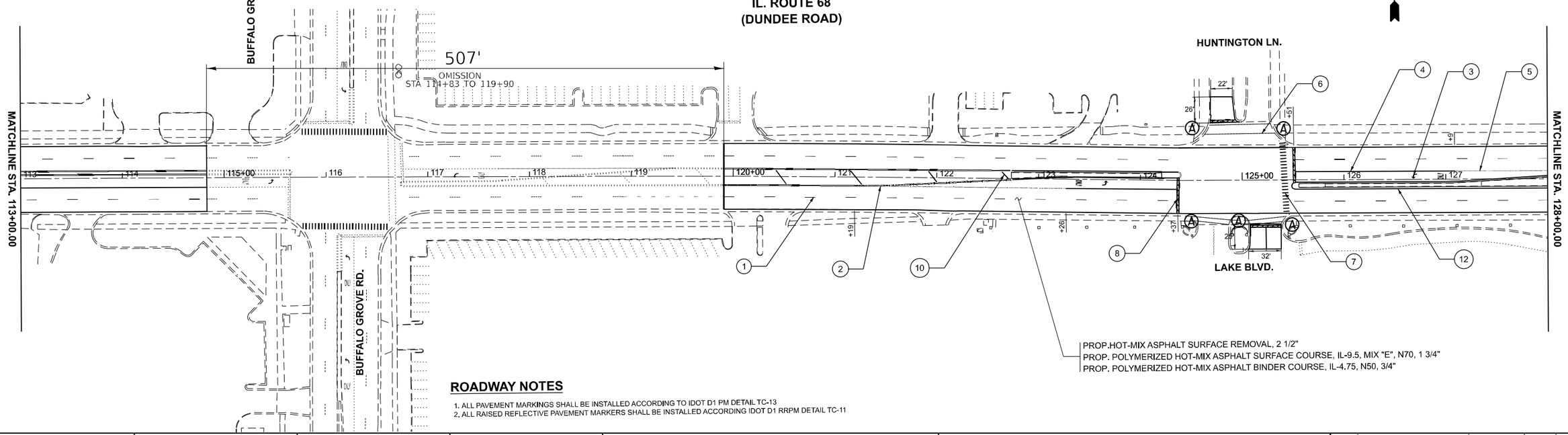
IL. ROUTE 68 (DUNDEE ROAD)



1. PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.)
2. PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)
3. PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
4. PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)
5. PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)
6. PROP. THERMO. PAVEMENT MARKING LINE, 6" CROSSWALK, 6' C-C WHITE (TYP.)
7. PROP. THERMO. PAVEMENT MARKING LINE, 12" CROSSWALK, WHITE (TYP.)
8. PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)
9. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN 10' C-C, WHITE (TYP.)
10. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45° 75' C-C, YELLOW (TYP.)
11. PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)
12. PROP. THERMOPLASTIC PVMT MARKING 4", EDGE LINE, YELLOW (TYP.)

N

IL. ROUTE 68 (DUNDEE ROAD)



ROADWAY NOTES

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING IDOT D1 RRPM DETAIL TC-11

MODEL: IL68_E - RdwyPlan 7
FILE NAME: c:\pw_work\pwdot\hassamn\d0976851\D1214418-sht-plan.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' | SHEET OF 11 SHEETS | STA. 99+00.00 TO STA. 128+00.00

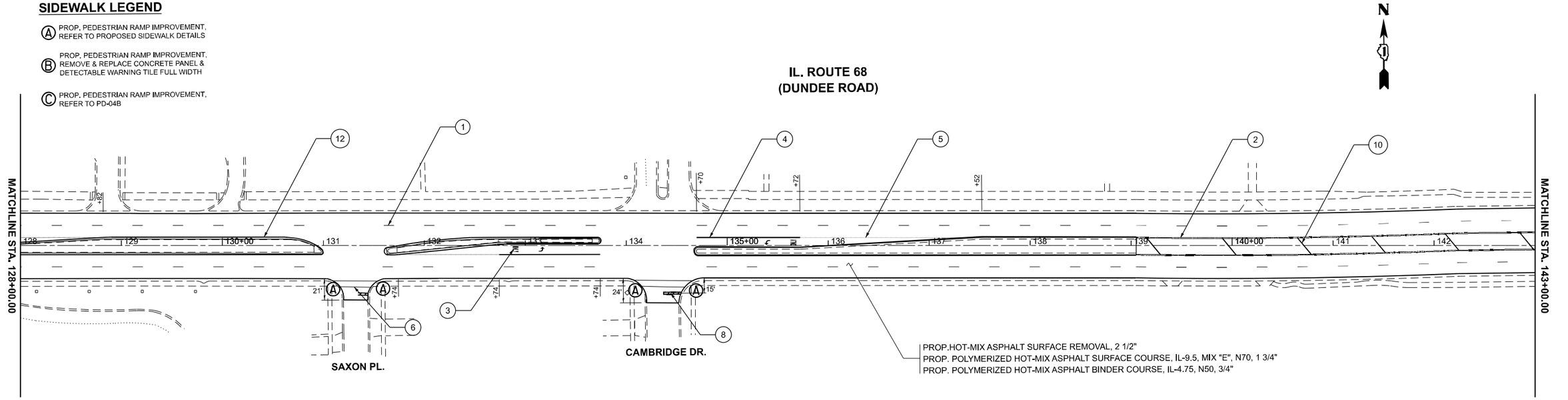
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	10
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

SIDEWALK LEGEND

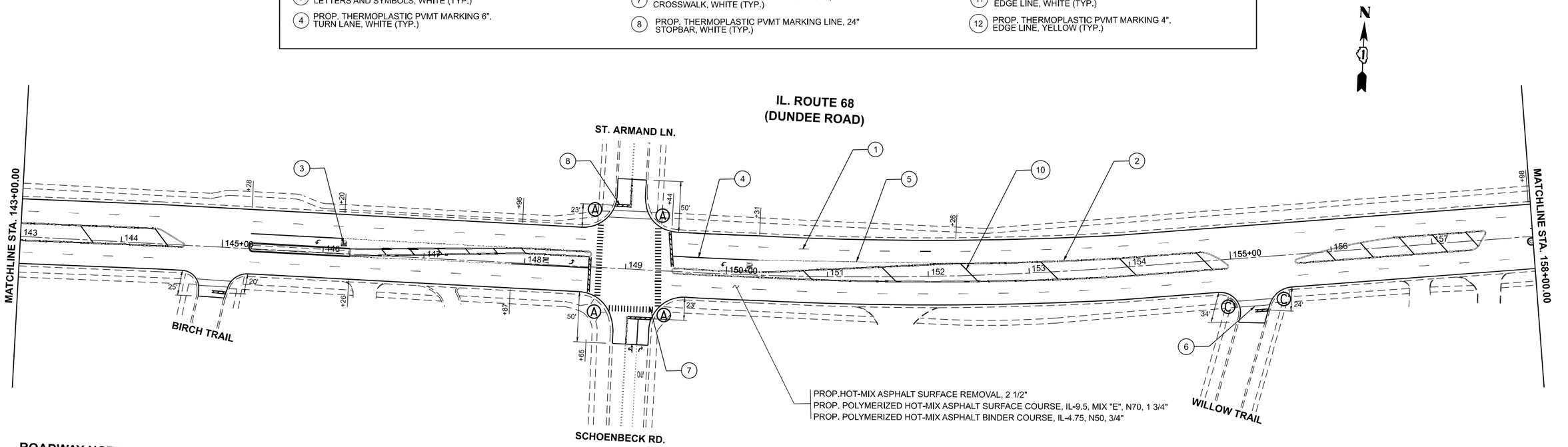
Ⓐ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS

Ⓑ PROP. PEDESTRIAN RAMP IMPROVEMENT, REMOVE & REPLACE CONCRETE PANEL & DETECTABLE WARNING TILE FULL WIDTH

Ⓒ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B



1. PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.)
2. PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)
3. PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
4. PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)
5. PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)
6. PROP. THERMO. PAVEMENT MARKING LINE, 6" CROSSWALK, 6' C-C WHITE (TYP.)
7. PROP. THERMO. PAVEMENT MARKING LINE, 12" CROSSWALK, WHITE (TYP.)
8. PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)
9. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN 10' C-C, WHITE (TYP.)
10. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45° 75' C-C, YELLOW (TYP.)
11. PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)
12. PROP. THERMOPLASTIC PVMT MARKING 4", EDGE LINE, YELLOW (TYP.)



ROADWAY NOTES

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING IDOT D1 RRPM DETAIL TC-11

MODEL: IL68_E - Rdwy Plan 9
FILE NAME: c:\pw_work\pwdot\hassannd\d0976861\D1214 18-sht-plan.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

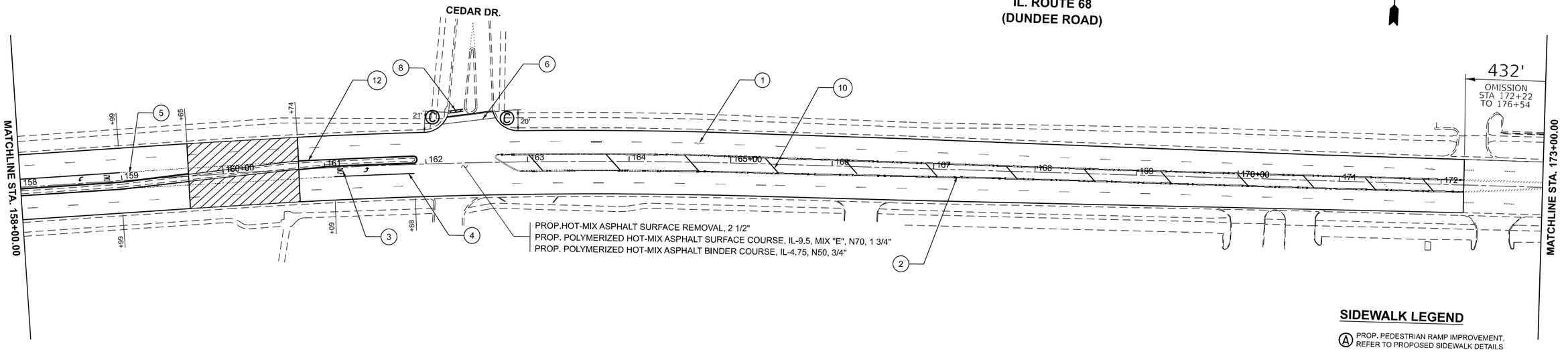
SCALE: 1"=50' | SHEET OF 11 SHEETS | STA. 128+00.00 | TO STA. 158+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	11
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

- PAVEMENT REMOVAL, 680.0 SQ YD
- EARTH EXCAVATION, 265.0 CU YD
- AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH, 680 SQYD
- HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12", 680 SQYD

NOTES

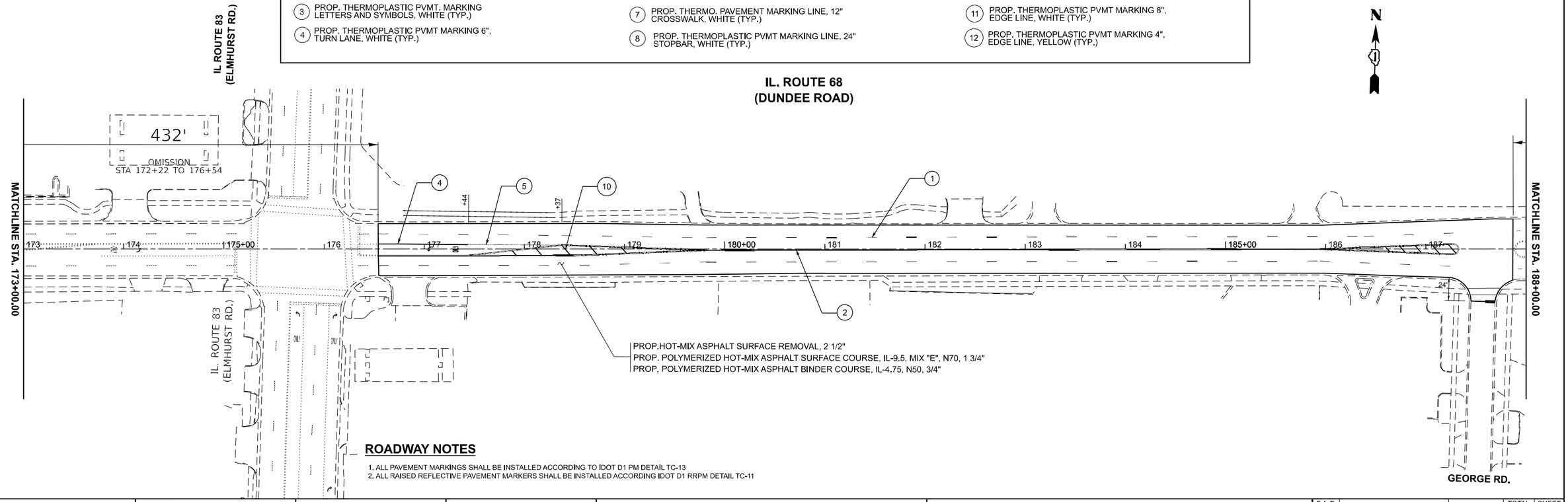
1. CONTRACTOR SHALL COMPLETE FULL DEPTH REMOVAL & REPLACEMENT FIRST BEFORE RESURFACING.
2. CONTRACTOR SHALL MATCH NEW PAVEMENT ELEVATION TO EXISTING ROADWAY.
3. CONTRACTOR SHALL MILL AND PAVE STA 159+65 TO 160+74 WITHOUT CREATING A NEW JOINT IN THE PAVEMENT.
4. CONTRACTOR SHALL BE PAID FOR THIS WORK VIA ITEMS 44000159, 40603200, AND 40604172.



SIDEWALK LEGEND

- (A) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS
- (B) PROP. PEDESTRIAN RAMP IMPROVEMENT, REMOVE & REPLACE CONCRETE PANEL & DETECTABLE WARNING TILE FULL WIDTH
- (C) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B

1. PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.)
2. PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)
3. PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
4. PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)
5. PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)
6. PROP. THERMO. PAVEMENT MARKING LINE, 6" CROSSWALK, 6' C-C WHITE (TYP.)
7. PROP. THERMO. PAVEMENT MARKING LINE, 12" CROSSWALK, WHITE (TYP.)
8. PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)
9. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN 10' C-C, WHITE (TYP.)
10. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45° 75' C-C, YELLOW (TYP.)
11. PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)
12. PROP. THERMOPLASTIC PVMT MARKING 4", EDGE LINE, YELLOW (TYP.)



ROADWAY NOTES

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING IDOT D1 RRPM DETAIL TC-11

MODEL: IL68_E - RdwyPlan 11
FILE NAME: c:\pw_work\pwdot\hassannd\d0976861\D1121418-sht-plan.dgn

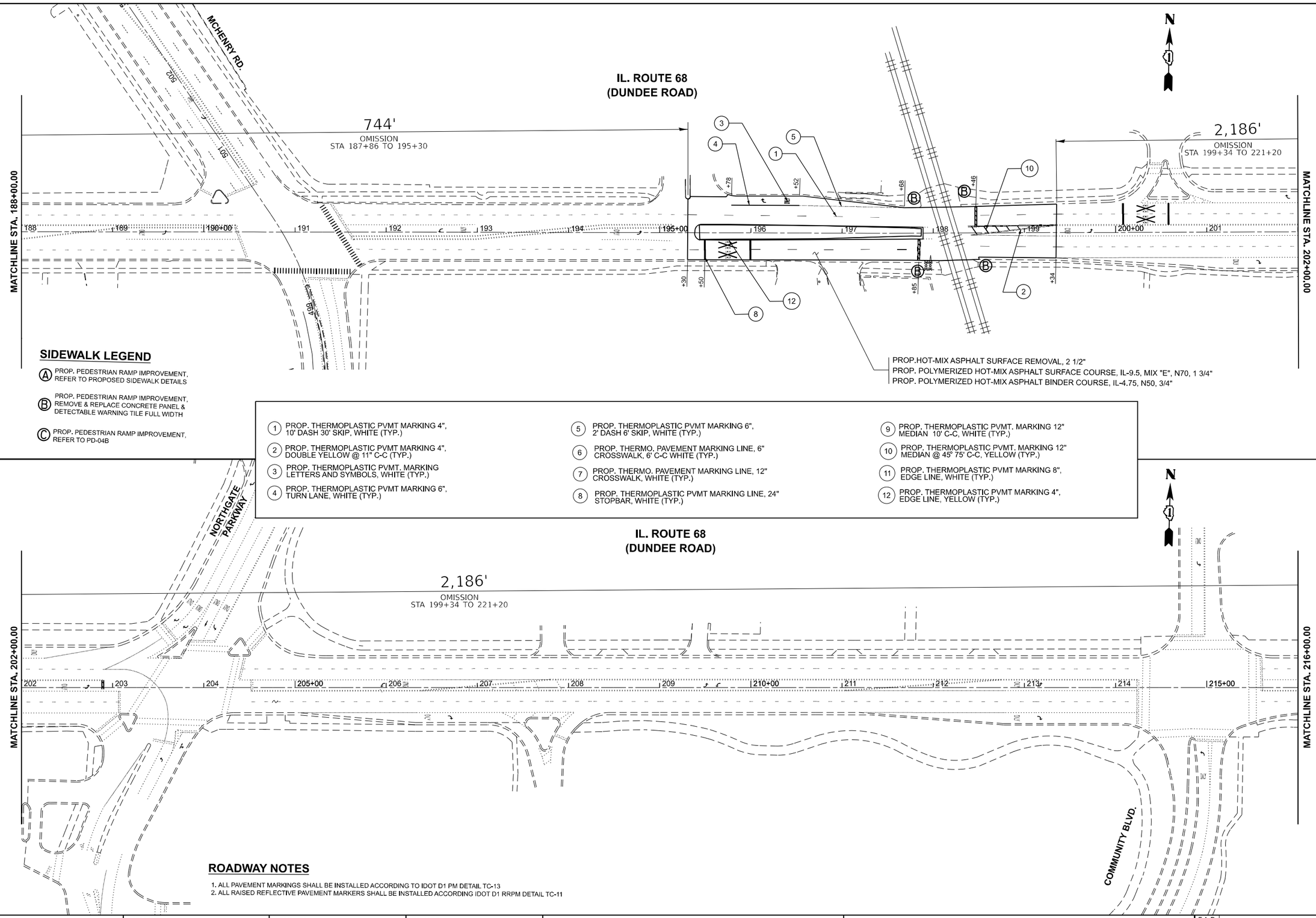
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' | SHEET OF 11 SHEETS | STA. 158+00.00 | TO STA. 188+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	12
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		



SIDEWALK LEGEND

Ⓐ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS

Ⓑ PROP. PEDESTRIAN RAMP IMPROVEMENT, REMOVE & REPLACE CONCRETE PANEL & DETECTABLE WARNING TILE FULL WIDTH

Ⓒ PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B

PROP.HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4"
PROP. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"

1. PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.)
2. PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)
3. PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
4. PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)
5. PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)
6. PROP. THERMO. PAVEMENT MARKING LINE, 6" CROSSWALK, 6' C-C WHITE (TYP.)
7. PROP. THERMO. PAVEMENT MARKING LINE, 12" CROSSWALK, WHITE (TYP.)
8. PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)
9. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN 10' C-C, WHITE (TYP.)
10. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45° 75' C-C, YELLOW (TYP.)
11. PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)
12. PROP. THERMOPLASTIC PVMT MARKING 4", EDGE LINE, YELLOW (TYP.)

ROADWAY NOTES

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING IDOT D1 RRPM DETAIL TC-11

MODEL: IL68_E - RdwyPlan 13
FILE NAME: c:\pw_work\pwidothassamd\d0976851\D1212418-sht-plan.dgn

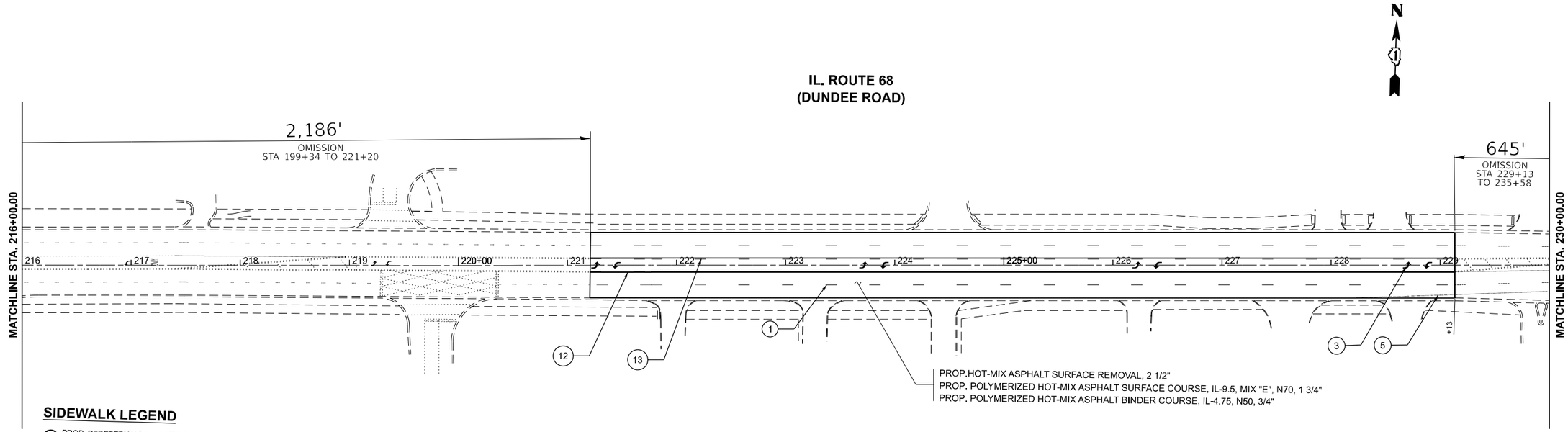
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' | SHEET OF 11 SHEETS | STA. 188+00.00 | TO STA. 216+00.00

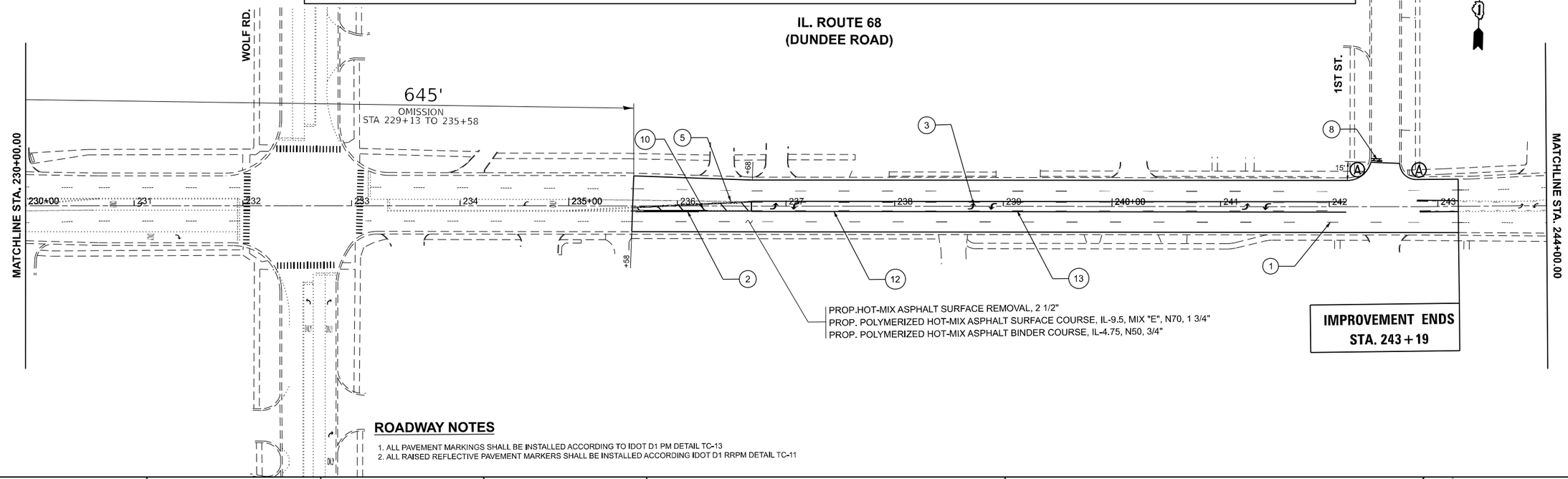
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	13
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		



SIDEWALK LEGEND

- (A) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS
- (B) PROP. PEDESTRIAN RAMP IMPROVEMENT, REMOVE & REPLACE CONCRETE PANEL & DETECTABLE WARNING TILE FULL WIDTH
- (C) PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B

1. PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.)
2. PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)
3. PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
4. PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)
5. PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)
6. PROP. THERMO. PAVEMENT MARKING LINE, 6" CROSSWALK, 6' C-C WHITE (TYP.)
7. PROP. THERMO. PAVEMENT MARKING LINE, 12" CROSSWALK, WHITE (TYP.)
8. PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)
9. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN 10' C-C, WHITE (TYP.)
10. PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45° 75' C-C, YELLOW (TYP.)
11. PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)
12. PROP. THERMOPLASTIC PVMT MARKING 4", EDGE LINE, YELLOW (TYP.)



ROADWAY NOTES

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING IDOT D1 RRPM DETAIL TC-11

MODEL: IL68_E - RdwyPlan 15
FILE NAME: c:\pw_work\pwdot\hassannd\d0976861\D1212418-sht-plan.dgn

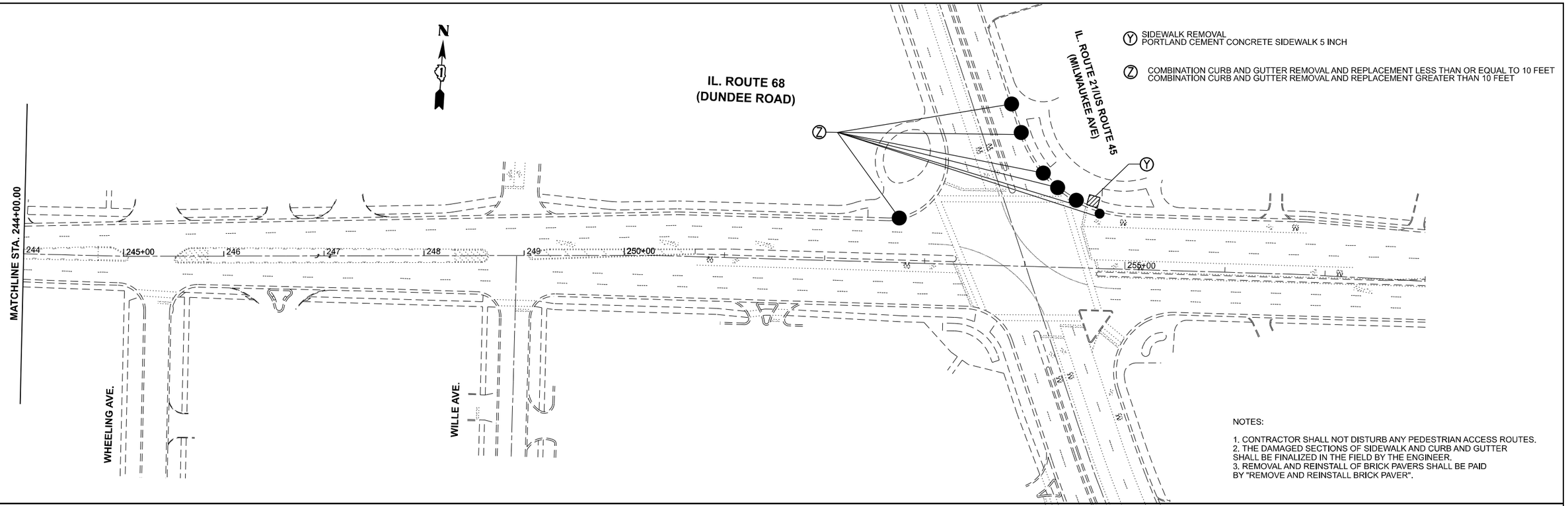
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' | SHEET OF 11 SHEETS | STA. 216+00.00 | TO STA. 244+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	14
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		



NOTES:

1. CONTRACTOR SHALL NOT DISTURB ANY PEDESTRIAN ACCESS ROUTES.
2. THE DAMAGED SECTIONS OF SIDEWALK AND CURB AND GUTTER SHALL BE FINALIZED IN THE FIELD BY THE ENGINEER.
3. REMOVAL AND REINSTALL OF BRICK PAVERS SHALL BE PAID BY "REMOVE AND REINSTALL BRICK PAVER".

MODEL: IL68_E - RdwyPlan 17
FILE NAME: c:\pw_work\pwidot\hassannd\d0976851\D1214 18-sht-plan.dgn

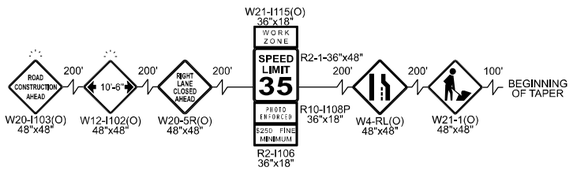
USER NAME = naveed.hassan	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/23/2025	DATE -	REVISED -	

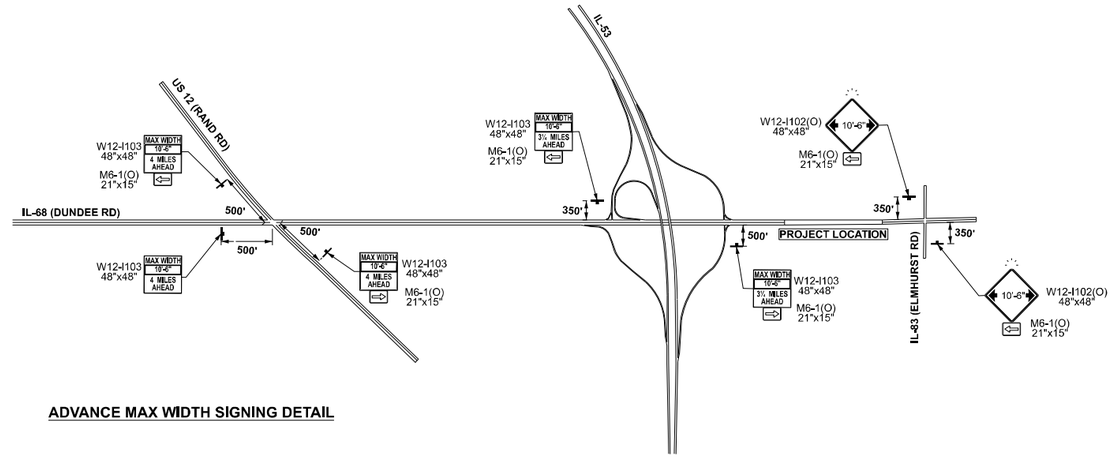
ROADWAY PLAN
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' | SHEET OF 11 SHEETS | STA. 244+00.00 | TO STA. 258+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	15
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

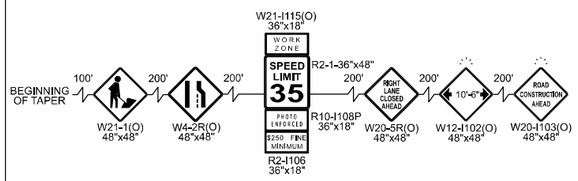
EXHIBIT "A"

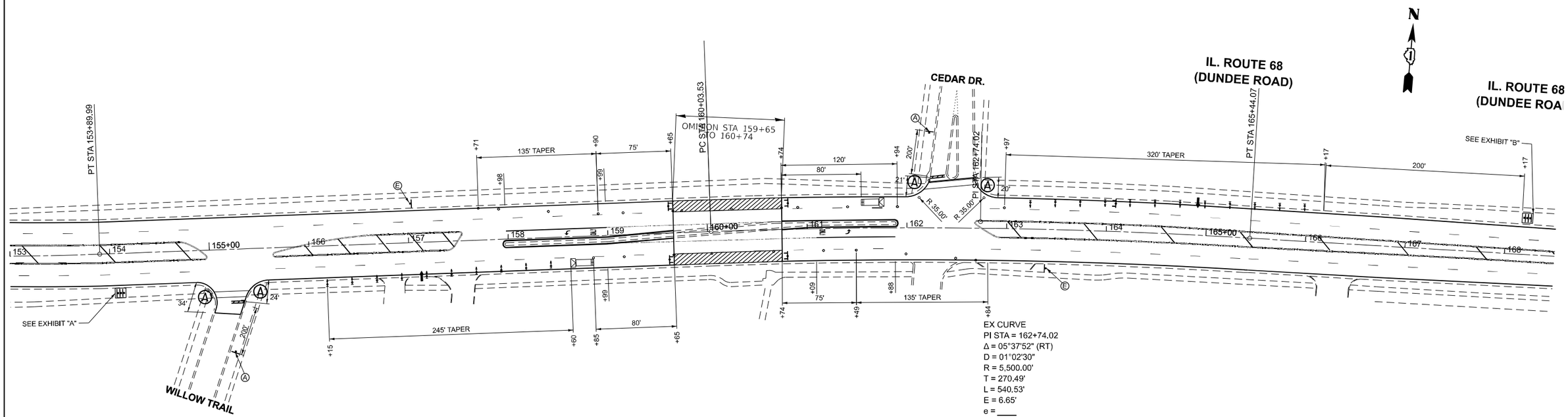




ADVANCE MAX WIDTH SIGNING DETAIL

EXHIBIT "B"





EX CURVE
PI STA = 162+74.02
Δ = 05°37'52" (RT)
D = 01°02'30"
R = 5,500.00'
T = 270.49'
L = 540.53'
E = 6.65'
e = ____
PC STA = 160+03.53
PT STA = 165+44.07

SIGNAGE LEGEND

ROAD CONSTRUCTION AHEAD W20-I103(O)-48"x48"	WORK ZONE SPEED LIMIT 35 W21-I115(O)-36"x18"	W4-2L(O)-48"x48"	LEFT LANE CLOSED AHEAD W20-5L(O)-48"x48"
35 M6-4-21"x15" Ⓐ	R2-1-36"x48"		
END WORK ZONE SPEED LIMIT G20-I103-60"x36" Ⓔ	PHOTO ENFORCED $250 FINE MINIMUM R10-I108P-36"x18" R2-I106-36"x18" Ⓑ	W4-2R(O)-48"x48" Ⓒ	RIGHT LANE CLOSED AHEAD W20-5R(O)-48"x48" Ⓓ

TRAFFIC CONTROL LEGEND

- FLASING ARROW BOARD
- TMA SHADOW VEHICLE WITH ARROW BOARD (WHEN WORKERS ARE PRESENT)
- DIRECTION INDICATOR BARRICADE (25' C-C)
- TY II DRUMS OR BARRELS (50' C-C ON TANGENTS & 10' C-C ON RADIUS)
- TEMPORARY TRAFFIC ADVISORY SIGN
- TYPE III BARRICADE W/ FLASHING LIGHTS
- BEGINNING TEMPORARY TRAFFIC ADVISORY SIGNS

MODEL: IL68_E - Omission Area Stage I [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd0976861\D1214\18-sth-omission-stage1.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/23/2025	DATE -	REVISED -	

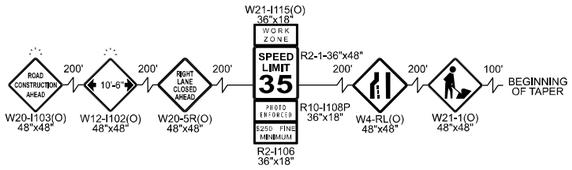
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

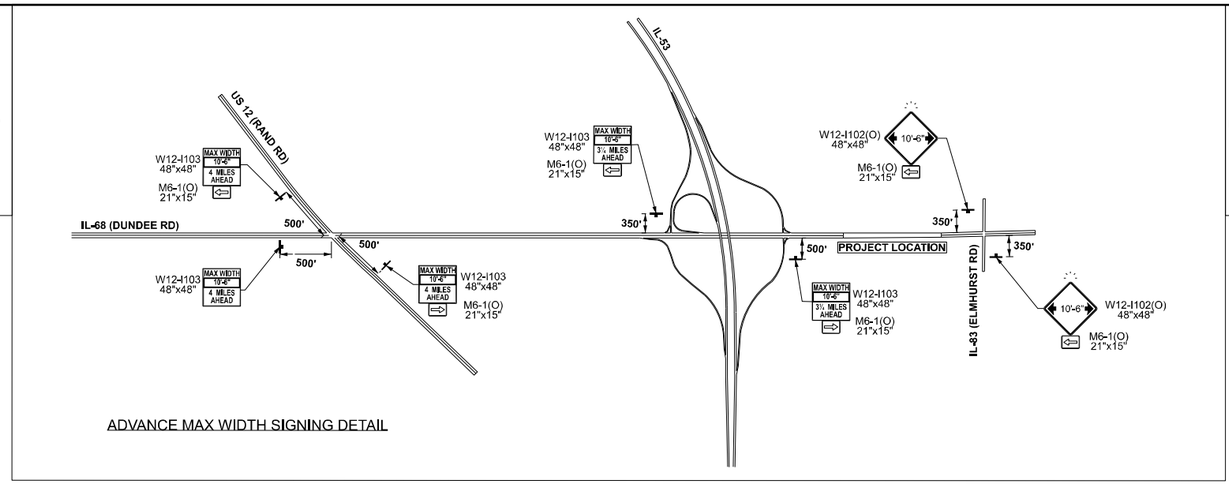
SUGGESTED MAINTENANCE OF TRAFFIC (STAGE I)
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' | SHEET 10 OF 11 SHEETS | STA. 153+00.00 | TO STA. 168+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	16
		CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

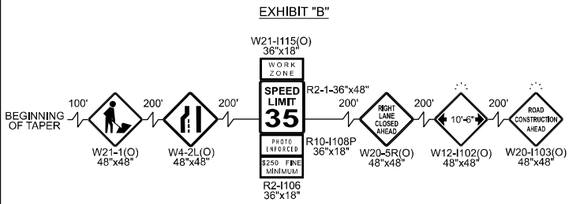
EXHIBIT "A"

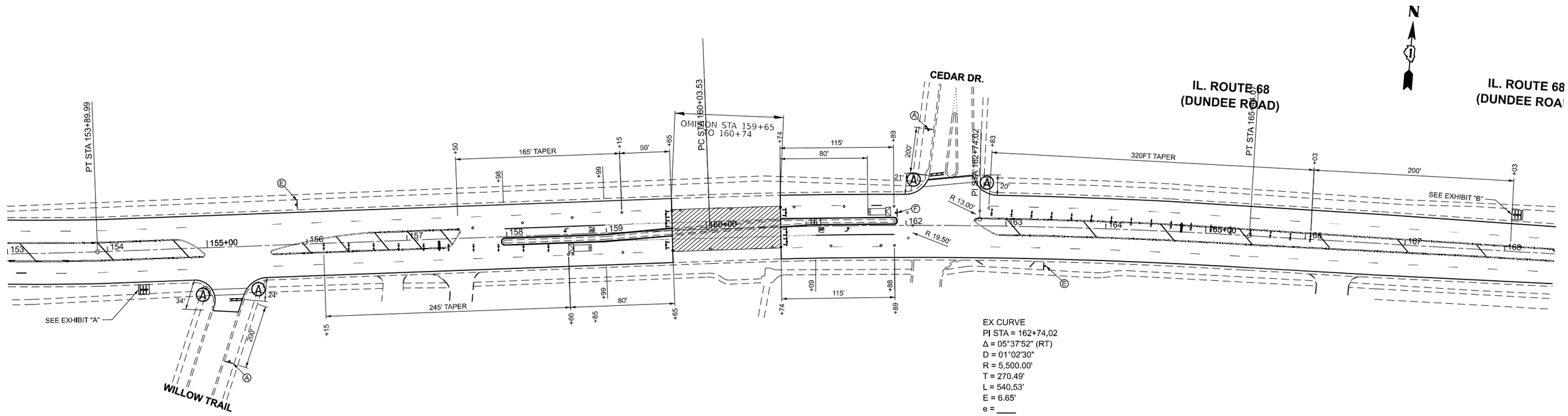




ADVANCE MAX WIDTH SIGNING DETAIL

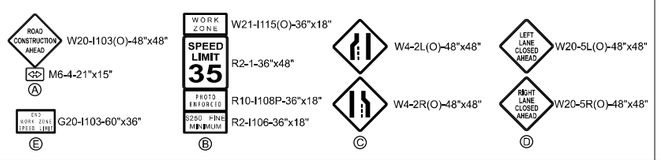
EXHIBIT "B"





EX CURVE
PI STA = 162+74.02
Δ = 05°37'52" (RT)
D = 01°02'30"
R = 5,500.00'
T = 270.49'
L = 540.53'
E = 6.65'
e = ____
PC STA = 160+03.53
PT STA = 165+44.07

SIGNAGE LEGEND



TRAFFIC CONTROL LEGEND

- FLASING ARROW BOARD
- TMA SHADOW VEHICLE WITH ARROW BOARD (WHEN WORKERS ARE PRESENT)
- DIRECTION INDICATOR BARRICADE (25' C-C)
- TY II DRUMS OR BARRELS (50' C-C ON TANGENTS & 10' C-C ON RADIUS)
- TEMPORARY TRAFFIC ADVISORY SIGN
- TYPE III BARRICADE W/ FLASHING LIGHTS
- BEGINNING TEMPORARY TRAFFIC ADVISORY SIGNS

MODEL: IL68_E - Omission Stage 2 [Sheet]
FILE NAME: c:\pw_work\pwdot\hassanmd\d0976861\D121418-sht-omission-stage2.dgn

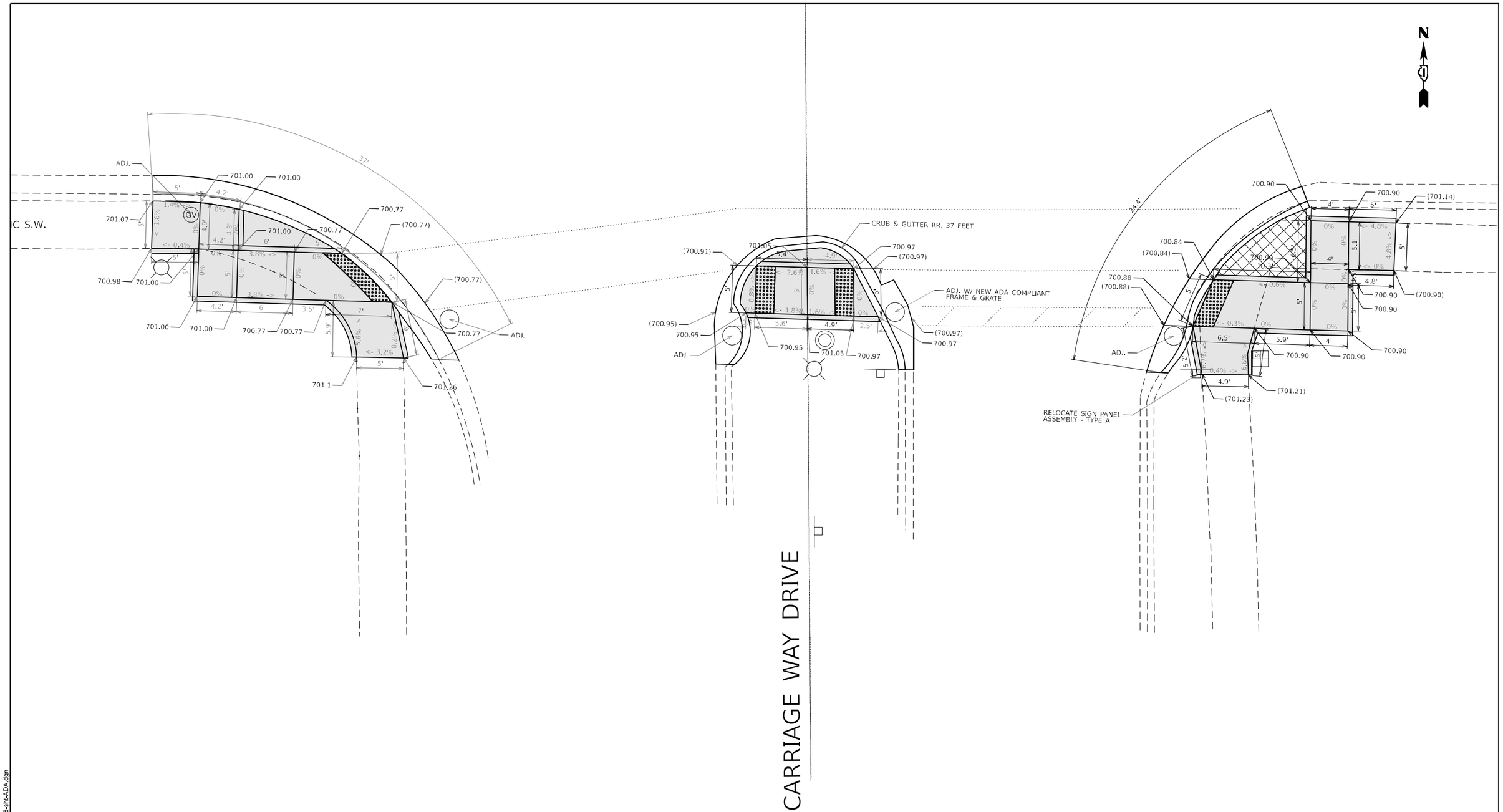
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/17/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC (STAGE II)
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' | SHEET 11 OF 11 SHEETS | STA. 153+00.00 TO STA. 168+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	17
		CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			



PT 3400-3628
BENCHMARK: CHISELED SQUARE IN NORTH CONCRETE BASE OF LIGHT POLE
ELEVATION: 701.92
LOCATION: SOUTHEAST CORNER OF IL-68 (DUNDEE RD.) AT CARRIAGE WAY DR.

LEGEND

- XX.XX' — EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) — EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

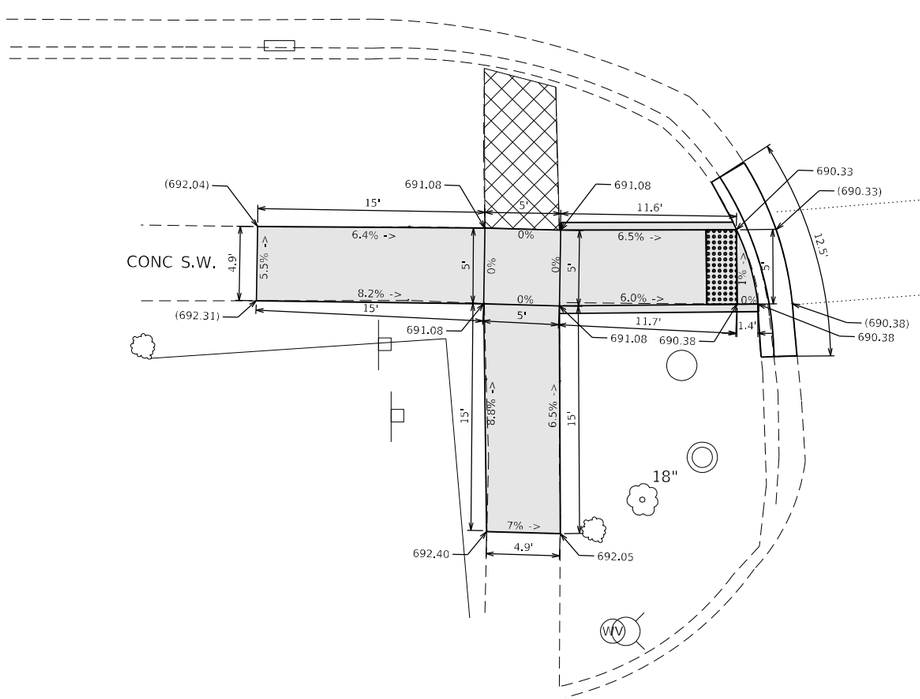
ADA DETAILS
IL ROUTE 68 (DUNDEE ROAD) AT CARRIAGE WAY DRIVE.

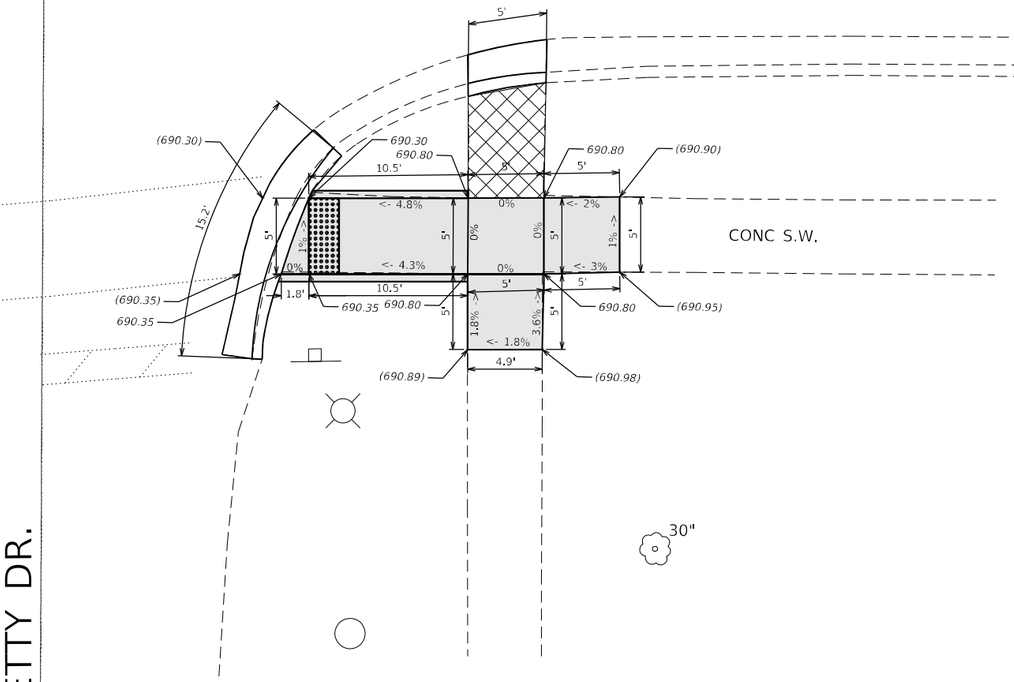
SCALE: | SHEET A001 OF 7 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	18
		CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

MODEL: Carriage Way Drive-1 [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0976861\D1211418-sht-ADA.dgn

IL. ROUTE 68
(DUNDEE RD.)





PT 4300-4495
BENCHMARK: CHISELED SQUARE IN NORTH CONCRETE BASE OF LIGHT POLE
ELEVATION: 691.07
LOCATION: SOUTHEAST CORNER OF IL-68 (DUNDEE RD.) AT BETTY DR.

LEGEND

XX.XX'	EXISTING LENGTH
═══	PROPOSED SIDE CURB
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Betty Dr. [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0976861\D1214\18-sht-ADA.dgn

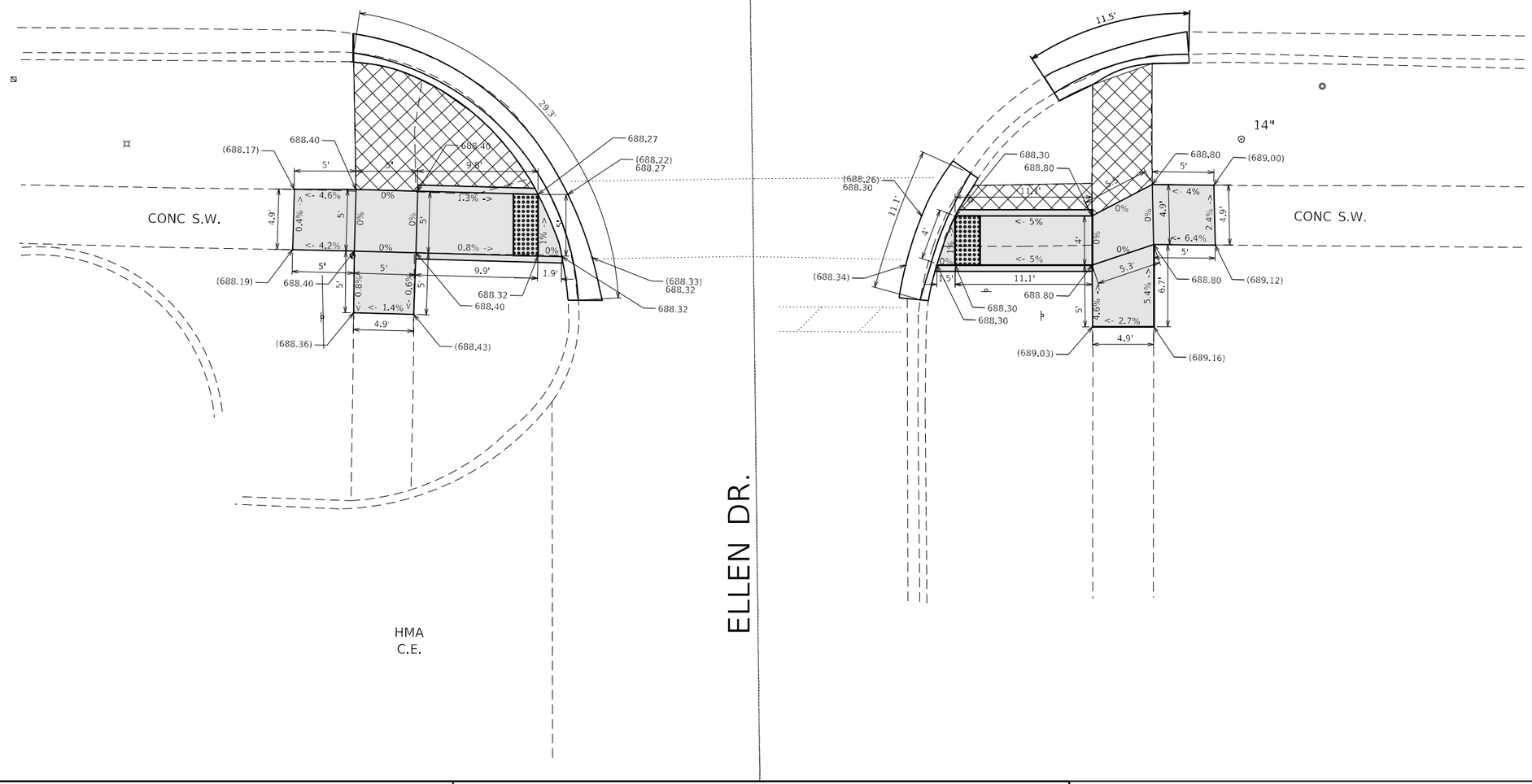
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
IL ROUTE 68 (DUNDEE ROAD) AT BETTY DRIVE

SCALE: | SHEET A002 OF 7 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	19
		CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			



PT 4500-4692
BENCHMARK: CHISELED SQUARE IN NORTH CONCRETE BASE OF LIGHT POLE
ELEVATION: 688.53
LOCATION: SOUTHWEST CORNER OF IL-68 (DUNDEE RD.) AT ELLEN DR.

LEGEND

- xx.xx' — EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) — EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

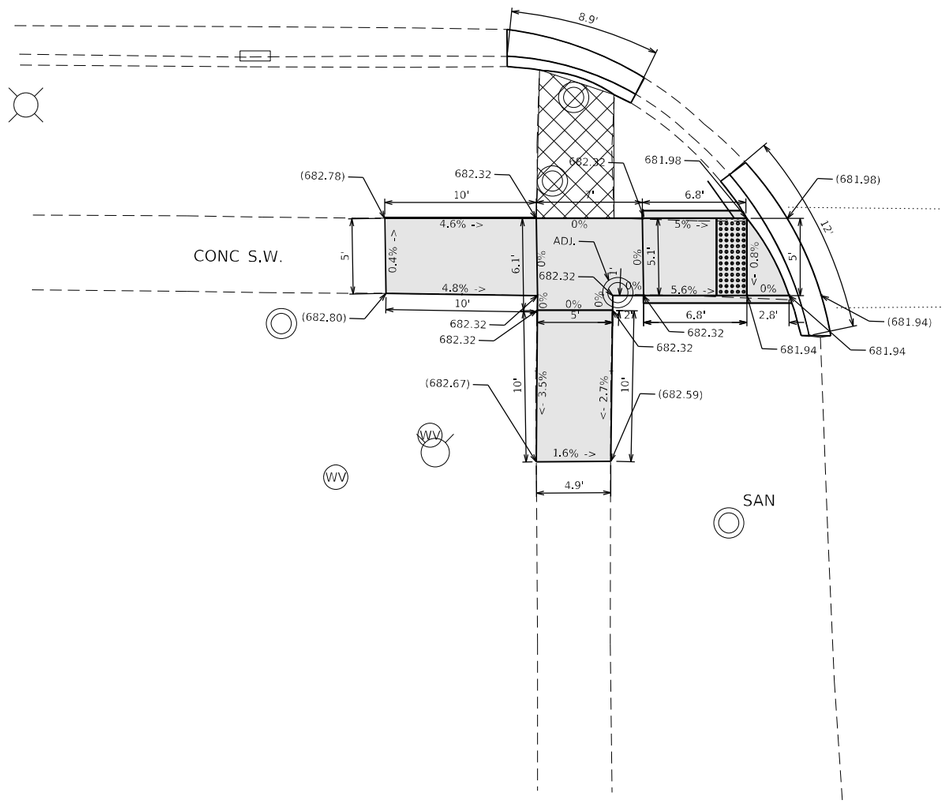
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
IL ROUTE 68 (DUNDEE ROAD) AT ELLEN DRIVE

SCALE: | SHEET A003 OF 7 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	20
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

MODEL: Ellen Dr. [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0976861\D12\418-sht-ADA.dgn



PT 4700-4941
BENCHMARK: CHISELED SQUARE IN NORTH CONCRETE BASE OF LIGHT POLE
ELEVATION: 683.49
LOCATION: SOUTHWEST CORNER OF IL-68 (DUNDEE RD.) AT OLD BUFFALO GROVE RD.

LEGEND

- xx.xx' — EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) — EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

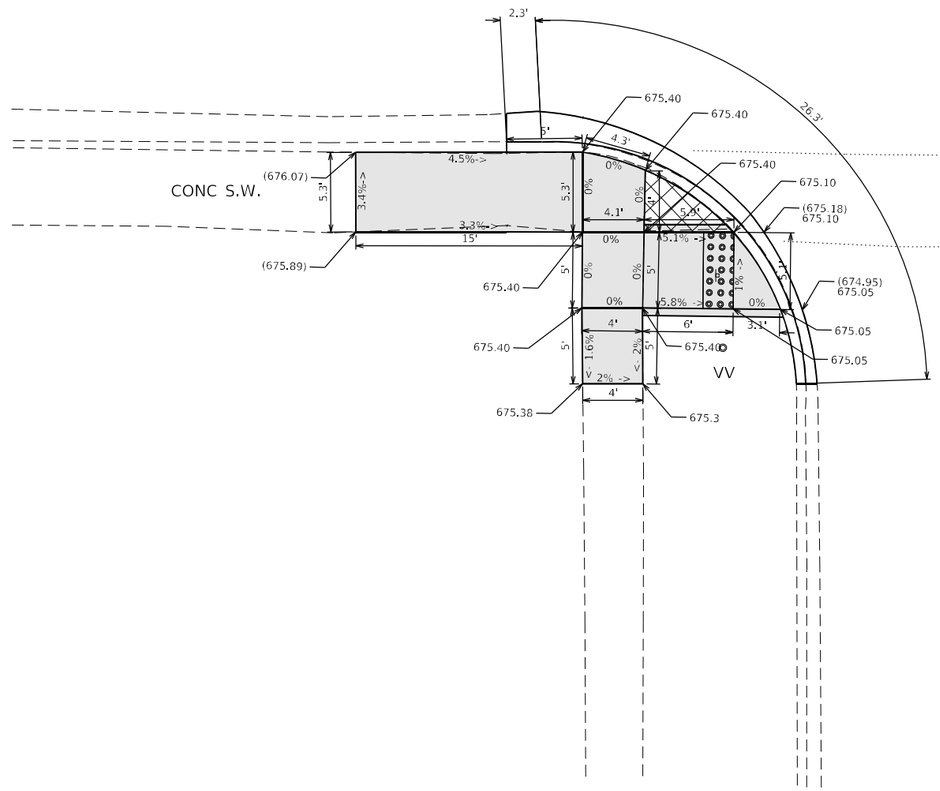
ADA DETAILS
IL ROUTE 68 (DUNDEE ROAD) AT OLD BUFFALO GROVE ROAD

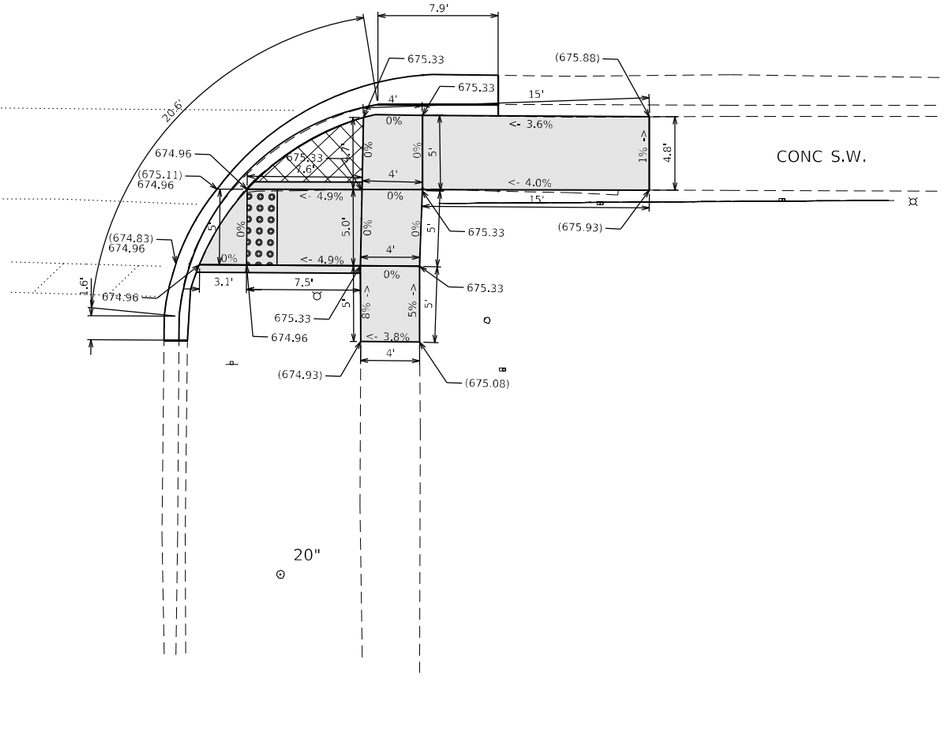
SCALE: | SHEET A004 OF 7 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	21
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

MODEL: Old Buffalo Grove Rd. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannn\d0976861\D1214 18-sht-ADA.dgn

IL. ROUTE 68
(DUNDEE RD.)





EXISTING LENGTH
BENCHMARK: CHISELED SQUARE IN NORTH CONCRETE BASE OF LIGHT POLE
ELEVATION: 675.94
LOCATION: SOUTHWEST CORNER OF IL-68 (DUNDEE RD.) AT SAXON PL.

LEGEND

XX.XX'	EXISTING LENGTH
	PROPOSED SIDE CURB
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

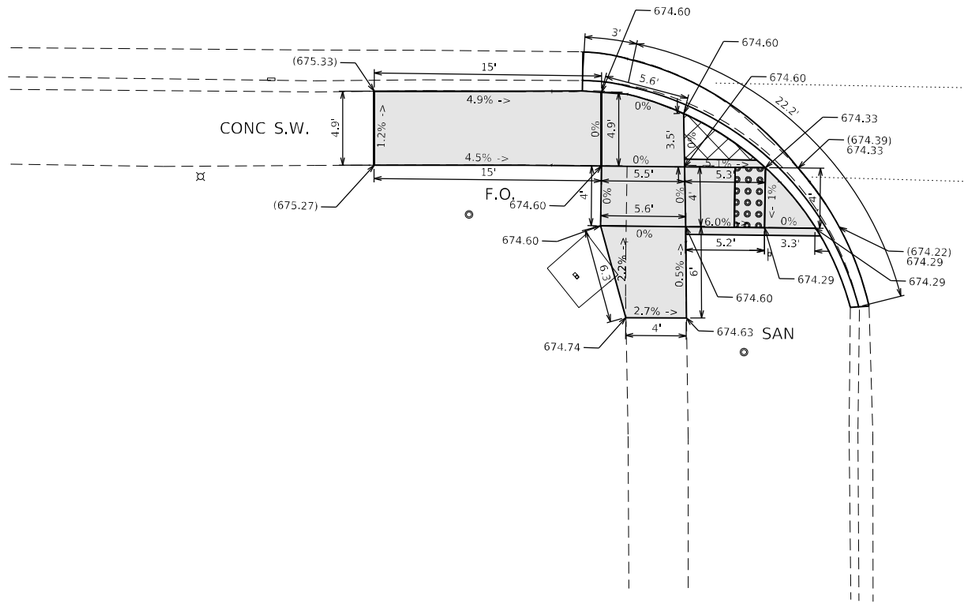
ADA DETAILS
IL ROUTE 68 (DUNDEE ROAD) AT SAXON PLACE

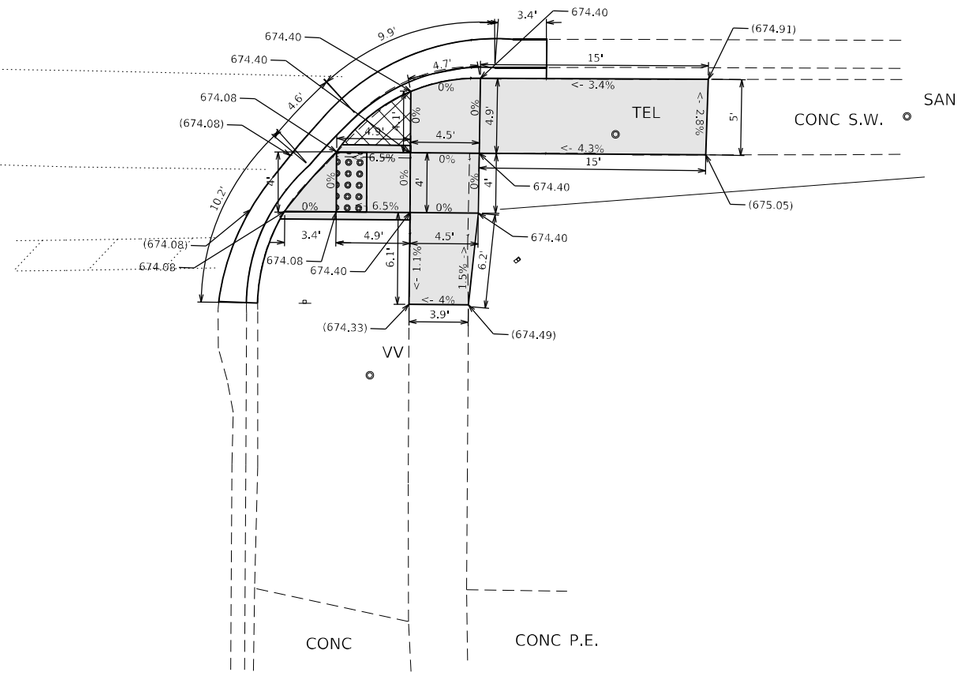
SCALE: | SHEET A005 OF 7 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	22
		CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

MODEL: Saxon PI [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D121418-sht-ADA.dgn

IL. ROUTE 68
(DUNDEE RD.)





CAMBRIDGE DR.

PT 5700-5870
BENCHMARK: CHISELED SQUARE IN NORTH CONCRETE BASE OF LIGHT POLE
ELEVATION: 675.40
LOCATION: SOUTHWEST CORNER OF IL-68 (DUNDEE RD.) AT CAMBRIDGE DR.

LEGEND

- xx.xx' — EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) — EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Cambridge Dr. [Sheet]
FILE NAME: c:\pw_work\pwidothassanm\d0976861\D1214118-sht-ADA.dgn

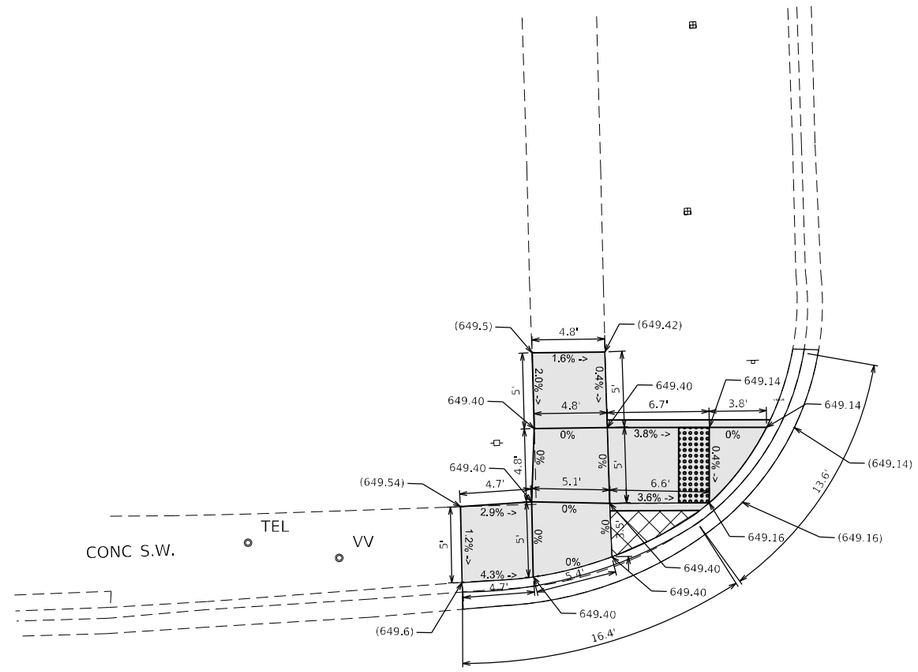
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

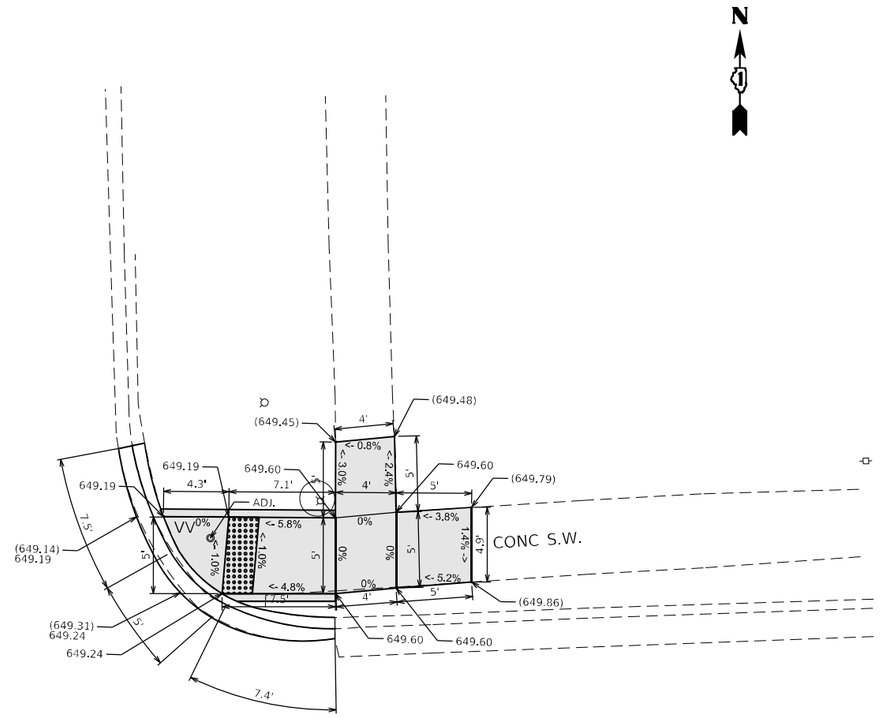
ADA DETAILS
IL ROUTE 68 (DUNDEE ROAD) AT CAMBRIDGE DRIVE

SCALE: | SHEET A006 OF 7 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	23
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	



1st STREET



IL. ROUTE 68
(DUNDEE RD.)

PT 8200-8374
BENCHMARK: CHISELED SQUARE IN SOUTH CONCRETE BASE OF LIGHT POLE
ELEVATION: 649.80
LOCATION: NORTHEST CORNER OF IL-68 (DUNDEE RD.) AT 1ST ST.

LEGEND

- xx.xx' — EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) — EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
  REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

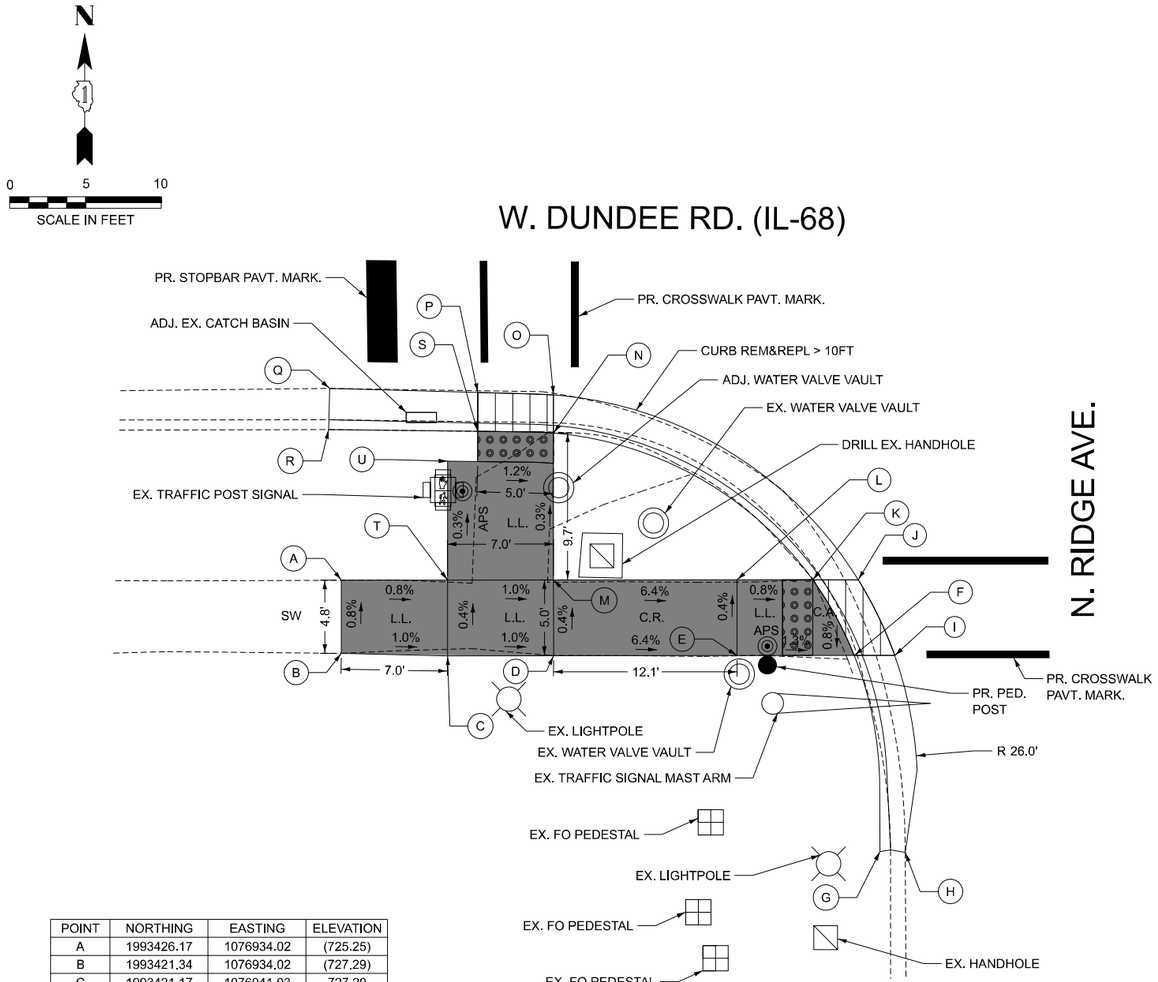
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
IL ROUTE 68 (DUNDEE ROAD) AT 1ST STREET

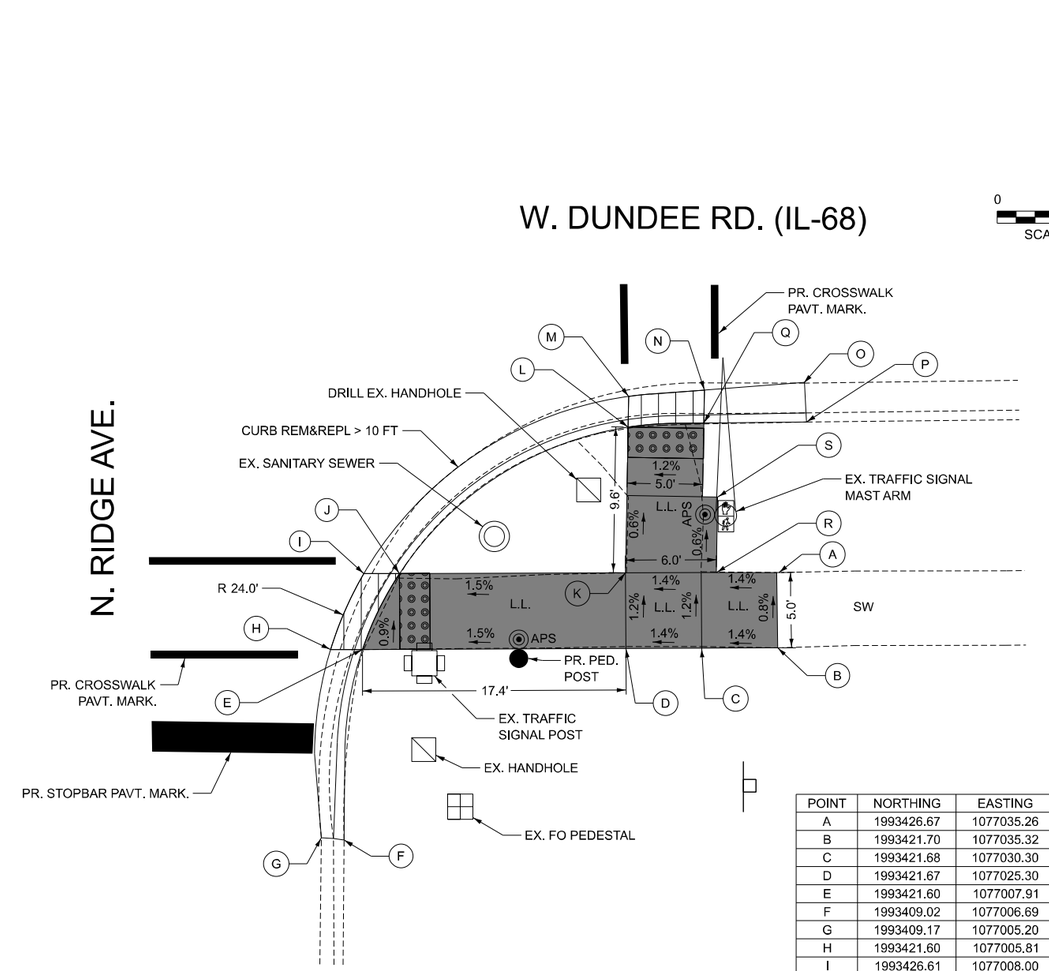
SCALE: | SHEET A007 OF 7 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	24
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

MODEL: 1st Street [Sheet]
FILE NAME: c:\pw_work\pwidothassanm\d0976861\D121418-sht-ADA.dgn



POINT	NORTHING	EASTING	ELEVATION
A	1993426.17	1076934.02	(725.25)
B	1993421.34	1076934.02	(727.29)
C	1993421.17	1076941.03	727.20
D	1993421.16	1076948.04	727.15
E	1993421.19	1076961.37	726.38
F	1993421.19	1076967.88	726.28
G	1993408.25	1076969.58	(726.25)
H	1993408.19	1076971.25	(726.03)
I	1993421.19	1076970.55	726.25
J	1993426.19	1993426.19	726.29
K	1993426.19	1076965.14	726.32
L	1993426.19	1076961.37	726.36
M	1993426.18	1076948.03	727.13
N	1993435.88	1076948.03	727.10
O	1993438.39	1076948.03	727.05
P	1993438.56	1076943.05	727.13
Q	1993438.83	1076933.24	(727.19)
R	1993436.10	1076933.19	(727.57)
S	1993436.00	1076943.03	727.16
T	1993426.17	1076941.03	727.18
U	1993434.02	1076941.03	727.16



POINT	NORTHING	EASTING	ELEVATION
A	1993426.67	1077035.26	(726.59)
B	1993421.70	1077035.32	(726.63)
C	1993421.68	1077030.30	726.56
D	1993421.67	1077025.30	726.49
E	1993421.60	1077007.91	726.23
F	1993409.02	1077006.69	(726.24)
G	1993409.17	1077005.20	(725.95)
H	1993421.60	1077005.81	726.20
I	1993426.61	1077008.00	726.18
J	1993426.61	1077010.36	726.18
K	1993426.67	1077025.28	726.41
L	1993436.28	1077025.44	726.37
M	1993438.30	1077025.48	726.33
N	1993438.73	1077030.49	726.40
O	1993439.19	1077037.10	(726.35)
P	1993436.61	1077037.22	(726.66)
Q	1993436.55	1077030.45	726.43
R	1993426.68	1077031.28	726,52
S	1993431.67	1077031.36	726.49

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

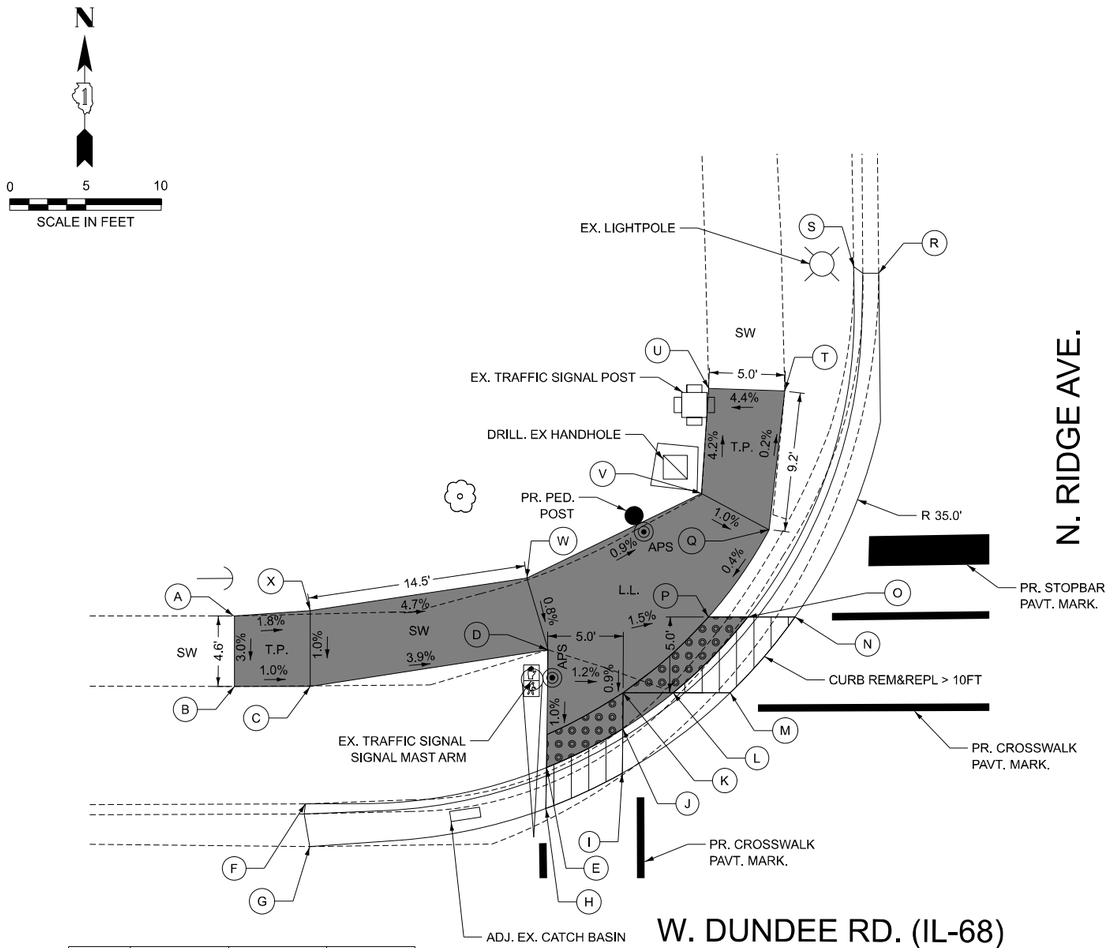
XX.XX'	EXISTING LENGTH
	PROPOSED SIDE CURB
SW	SIDEWALK
L.L.	LEVEL LANDING
C.R.	CURB RAMP
T.P.	TRANSITION PANEL
( )	EXISTING ELEVATION/SLOPE
C.A.	CLEAR AREA
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	DEPRESSED CURB & GUTTER
	PROPOSED BRICK PAVER
	PROPOSED CONCRETE

DBS DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

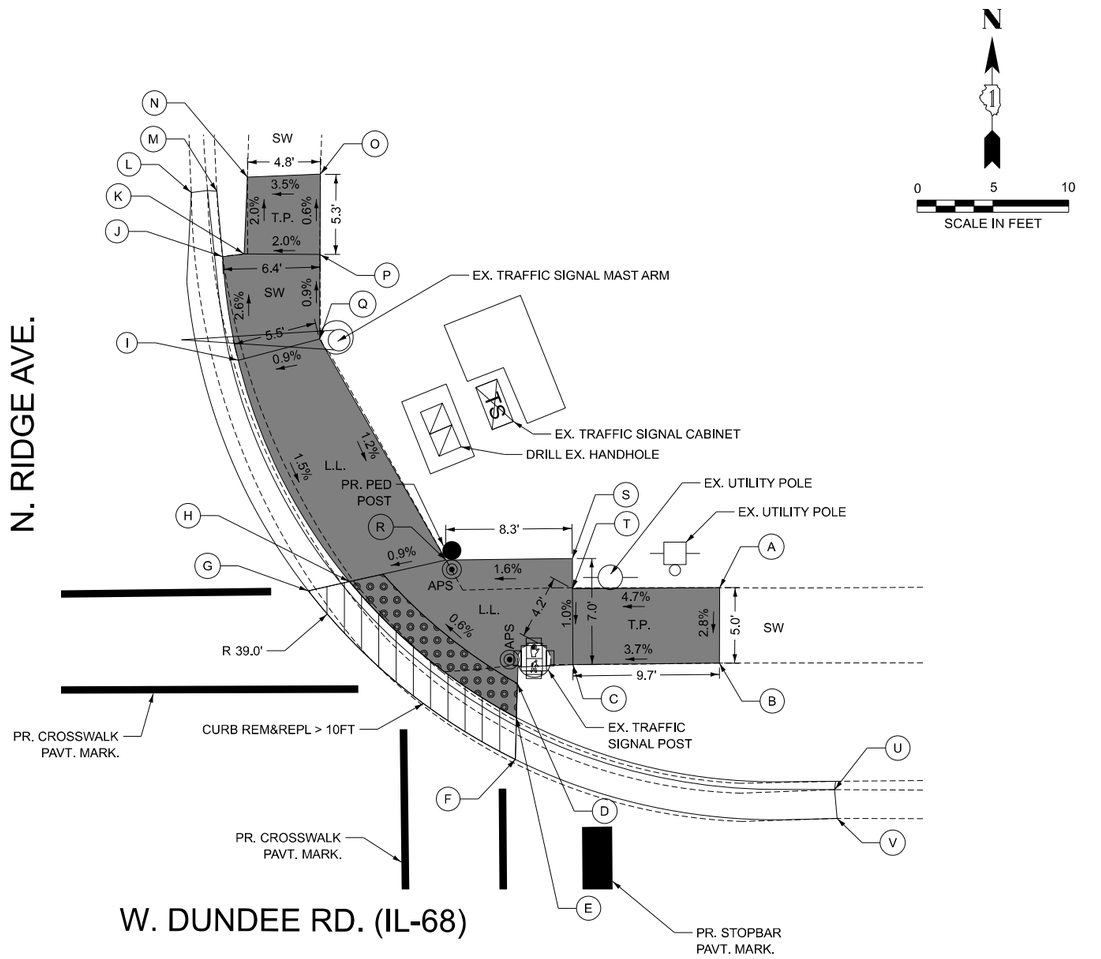
USER NAME = $USER$	DESIGNED - SMM	· -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SIDEWALK PLAN DUNDEE RD (IL–68) – SW & SE CORNER RIDGE AVE	
PLOT SCALE = 10,000 ' / In.	DRAWN - DS	· -			
PLOT DATE = $DATE$	CHECKED - DC	· -		SCALE: 1" = 5' SHEET 1 OF 17 SHEETS	
PLOT TIME = $TIME$	DATE - 05/05/2025	· -			

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	25
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw://dotsterlin-pw2.bentley.com:dotsterlin-pw-01/Documents/Projects/PTB 205/0177/Task 008/600 CADD Drawings/603 Civil/W. Dundee Rd/Sheets/62F86_sht_26_ADA 1A.dgn



POINT	NORTHING	EASTING	ELEVATION
A	1993517.85	1076922.43	(727.99)
B	1993513.21	1076922.42	(727.85)
C	1993513.21	1076927.42	727.80
D	1993515.62	1076943.12	727.18
E	1993507.84	1076943.03	727.10
F	1993505.45	1076927.10	(727.58)
G	1993502.63	1076927.38	(727.34)
H	1993505.16	1076943.03	727.06
I	1993507.48	1076948.02	727.00
J	1993510.40	1076948.06	727.04
K	1993512.78	1076948.09	727.06
L	1993512.78	1076951.38	727.00
M	1993512.78	1076955.14	726.96
N	1993517.78	1076959.44	726.94
O	1993517.78	1076956.31	726.98
P	1993517.78	1076953.70	727.02
Q	1993523.55	1076957.72	727.05
R	1993540.49	1076964.95	727.06
S	1993540.92	1076963.30	727.33
T	1993532.70	1076958.74	(727.03)
U	1993532.87	1076953.73	(726.81)
V	1993525.94	1076953.25	727.10
W	1993520.35	1076941.72	727.22
X	1993518.21	1076927.43	727.90



POINT	NORTHING	EASTING	ELEVATION
A	1993518.68	1077045.18	(726.82)
B	1993513.70	1077045.15	(726.68)
C	1993513.60	1077035.47	726.32
D	1993512.36	1077031.81	726.24
E	1993510.11	1077031.76	726.21
F	1993507.34	1077031.68	726.18
G	1993518.47	1077018.02	726.12
H	1993519.08	1077020.73	726.20
I	1993533.70	1077013.38	726.45
J	1993540.53	1077012.36	726.33
K	1993540.72	1077013.78	726.35
L	1993544.76	1077010.28	(725.80)
M	1993544.84	1077011.97	(726.14)
N	1993545.78	1077014.00	(726.25)
O	1993545.97	1077018.80	(726.42)
P	1993540.67	1077018.78	726.45
Q	1993535.08	1077018.75	726.50
R	1993520.50	1077027.10	726.26
S	1993520.60	1077035.44	726.39
T	1993518.60	1077035.45	726.37
U	1993505.90	1077052.82	(726.52)
V	1993503.45	1077052.92	(726.18)

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
SW	SIDEWALK		DEPRESSED CURB & GUTTER
L.L.	LEVEL LANDING		PROPOSED BRICK PAVER
C.R.	CURB RAMP		PROPOSED CONCRETE
T.P.	TRANSITION PANEL		
( )	EXISTING ELEVATION/SLOPE		
C.A.	CLEAR AREA		

DBS STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	·	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	·	-
PLOT DATE	= $DATE$	CHECKED	- DC	·	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	·	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

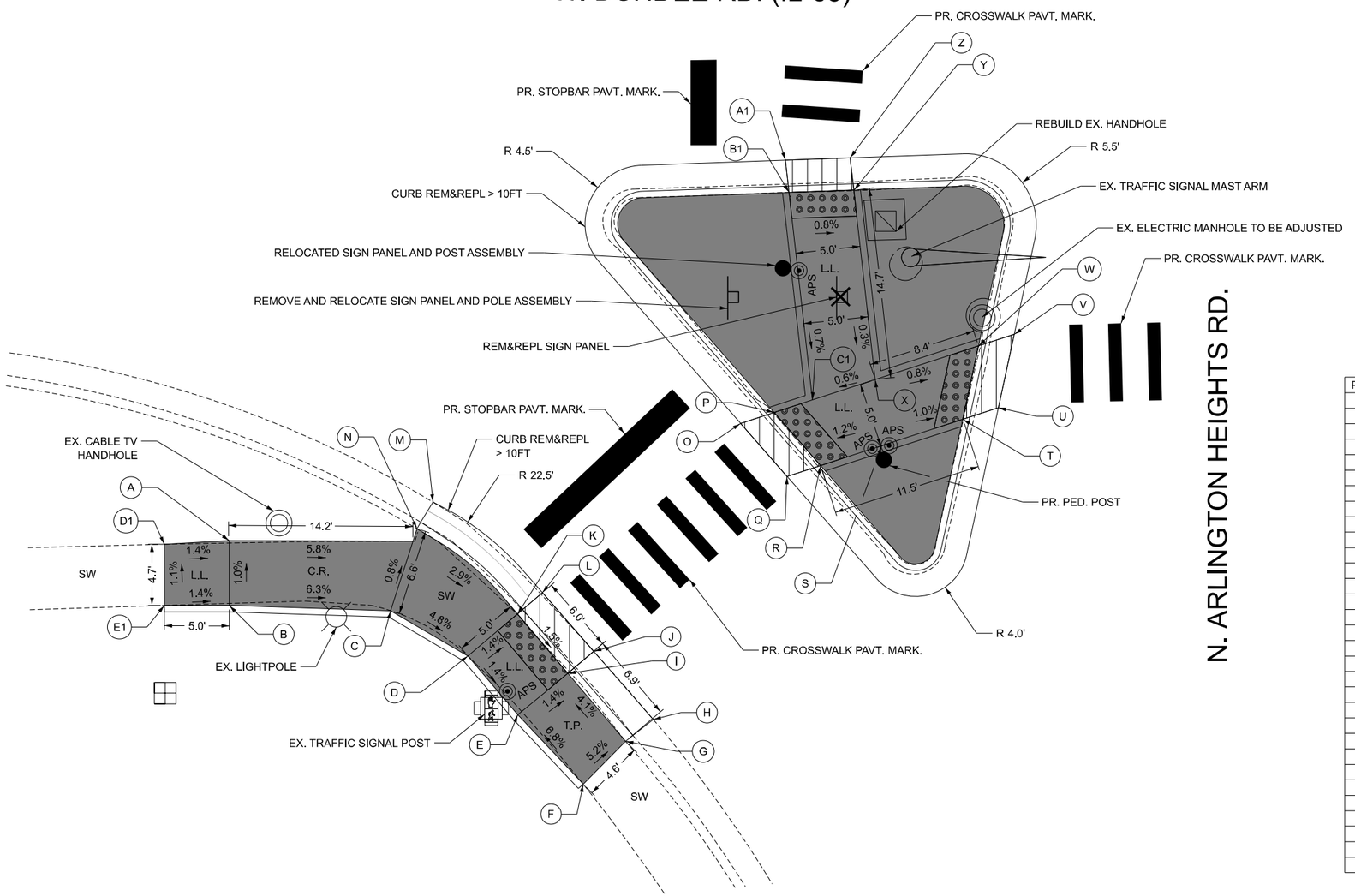
PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – NW & NE CORNER RIDGE AVE

SCALE: 1" = 5' | SHEET 2 OF 17 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	26
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\DbsSterlin-pw.bentley.com:dbsterlin-pw01\Documents\Projects\PTB 203+177\Task 4008\60\ CADD Drawings\603 Civil\W. Dundee Rd\Sheets\62F86_sht_27_ADA 1B.dgn

W. DUNDEE RD. (IL-68)



N. ARLINGTON HEIGHTS RD.

POINT	NORTHING	EASTING	ELEVATION
A	1993410.50	1078593.59	704.03
B	1993405.84	1078599.49	704.08
C	1993405.11	1078606.04	703.30
D	1993401.59	1078612.03	702.97
E	1993397.09	1078615.84	702.89
F	1993391.74	1078620.88	(703.36)
G	1993395.04	1078624.14	(703.10)
H	1993396.72	1078619.69	(703.73)
I	1993400.28	1078619.69	702.82
J	1993401.97	1078621.68	702.75
K	1993404.85	1078615.81	702.90
L	1993406.49	1078617.74	702.84
M	1993413.48	1078609.29	(702.83)
N	1993411.43	1078608.06	(703.20)
O	1993419.54	1078633.01	703.21
P	1993415.45	1078635.59	703.24
Q	1993415.45	1078636.59	703.15
R	1993416.29	1078639.17	703.18
S	1993417.83	1078643.89	703.24
T	1993419.85	1078650.12	703.18
U	1993420.75	1078652.87	703.15
V	1993420.75	1078654.10	703.19
W	1993425.51	1078651.35	703.22
X	1993425.51	1078643.38	703.28
Y	1993437.51	1078641.73	703.32
Z	1993440.00	1078641.45	703.29
A1	1993439.82	1078636.45	703.33
B1	1993437.33	1078636.73	703.36
C1	1993421.34	1078638.54	703.25
D1	1993410.23	1078588.59	(704.10)
E1	1993405.52	1078588.59	(704.15)

N

0 5 10

SCALE IN FEET

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
SW	SIDEWALK		DEPRESSED CURB & GUTTER
L.L.	LEVEL LANDING		BRICK PAVER
C.R.	CURB RAMP		PROPOSED CONCRETE
T.P.	TRANSITION PANEL		
( )	EXISTING ELEVATION/SLOPE		
C.A.	CLEAR AREA		

DBS STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – SW CORNER ARLINGTON HEIGHTS

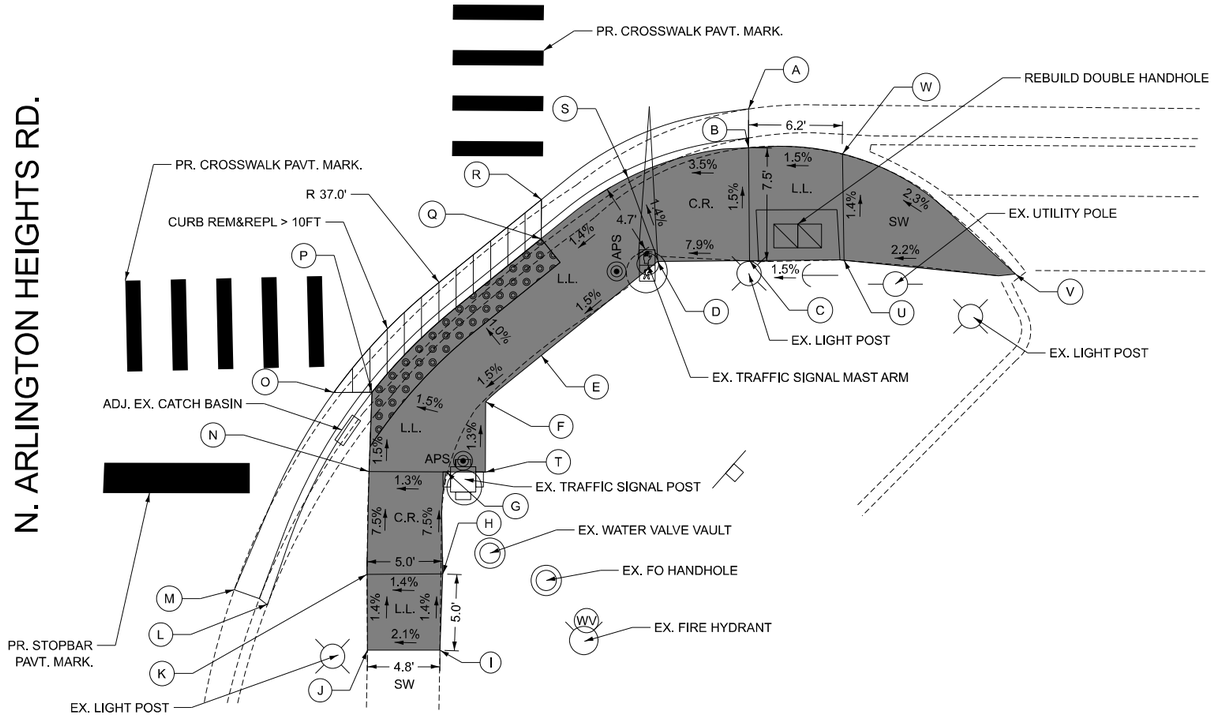
SCALE: 1" = 5' | SHEET 3 OF 17 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	27
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw://dbsterlinnow.bentley.com:dbsterlinnow-01/Documents/Projects/PTB 205-017/Task-008/800 CADD Drawings/803 Civil/W. Dundee Rd/Sheets/62F86_sht_28_ADA 2A.dgn

W. DUNDEE RD. (IL-68)

N. ARLINGTON HEIGHTS RD.



POINT	NORTHING	EASTING	ELEVATION
A	1993439.94	1078759.46	703.03
B	1993437.37	1078759.45	703.06
C	1993429.90	1078759.42	703.17
D	1993429.86	1078753.45	702.69
E	1993423.65	1078741.77	702.54
F	1993419.73	1078741.34	702.47
G	1993415.97	1078739.51	702.51
H	1993409.24	1078739.27	703.05
I	1993404.21	1078739.09	(703.12)
J	1993404.21	1078734.30	(703.02)
K	1993409.21	1078734.27	702.95
L	1993407.20	1078727.69	(702.94)
M	1993408.20	1078725.51	(702.57)
N	1993415.99	1078734.41	702.43
O	1993421.22	1078732.08	702.35
P	1993421.23	1078734.60	702.33
Q	1993431.36	1078745.76	702.67
R	1993433.95	1078745.79	702.60
S	1993435.38	1078751.51	702.77
T	1993415.96	1078742.09	702.53
U	1993429.95	1078765.73	703.26
V	1993429.02	1078777.08	(703.49)
W	1993437.10	1078765.12	703.16

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
SW	SIDEWALK		DEPRESSED CURB & GUTTER
L.L.	LEVEL LANDING		PROPOSED BRICK PAVER
C.R.	CURB RAMP		PROPOSED CONCRETE
T.P.	TRANSITION PANEL		
( )	EXISTING ELEVATION/SLOPE		
C.A.	CLEAR AREA		

DBS STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

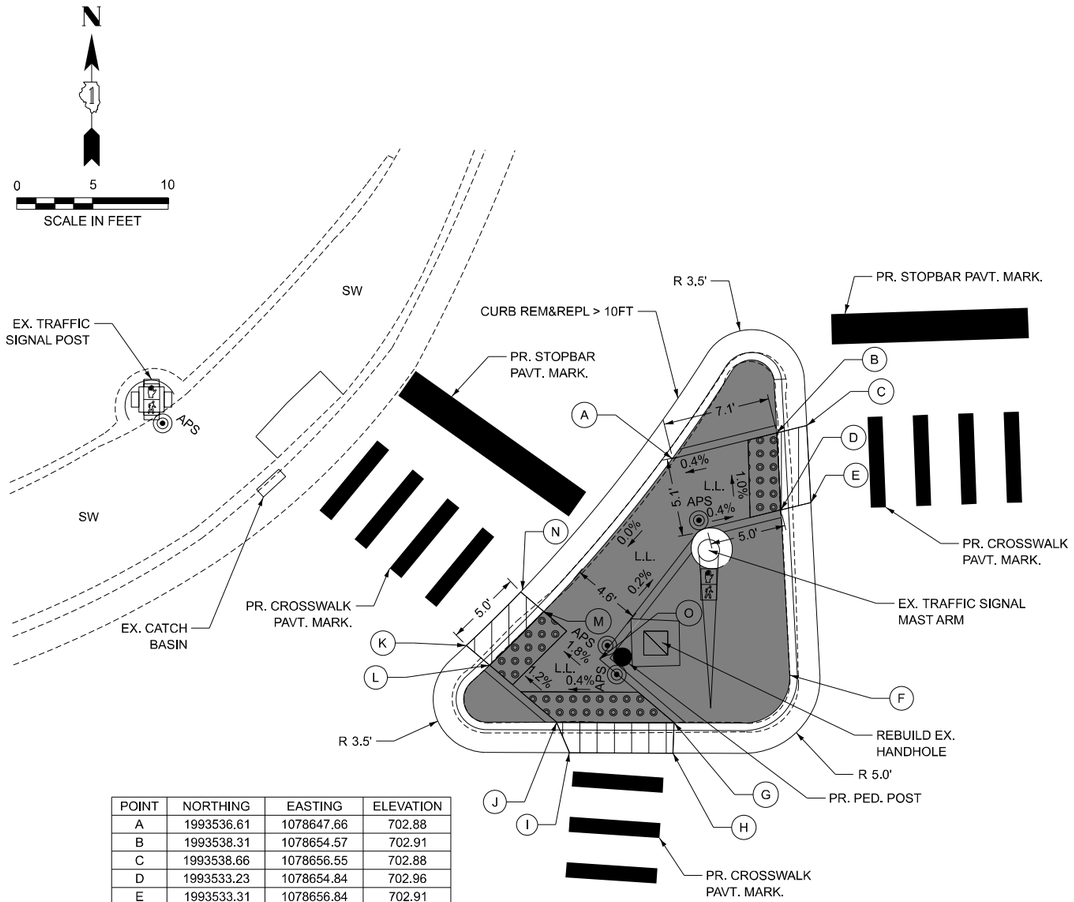
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – SE CORNER ARLINGTON HEIGHTS

SCALE: 1" = 5' | SHEET 4 OF 17 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	28
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

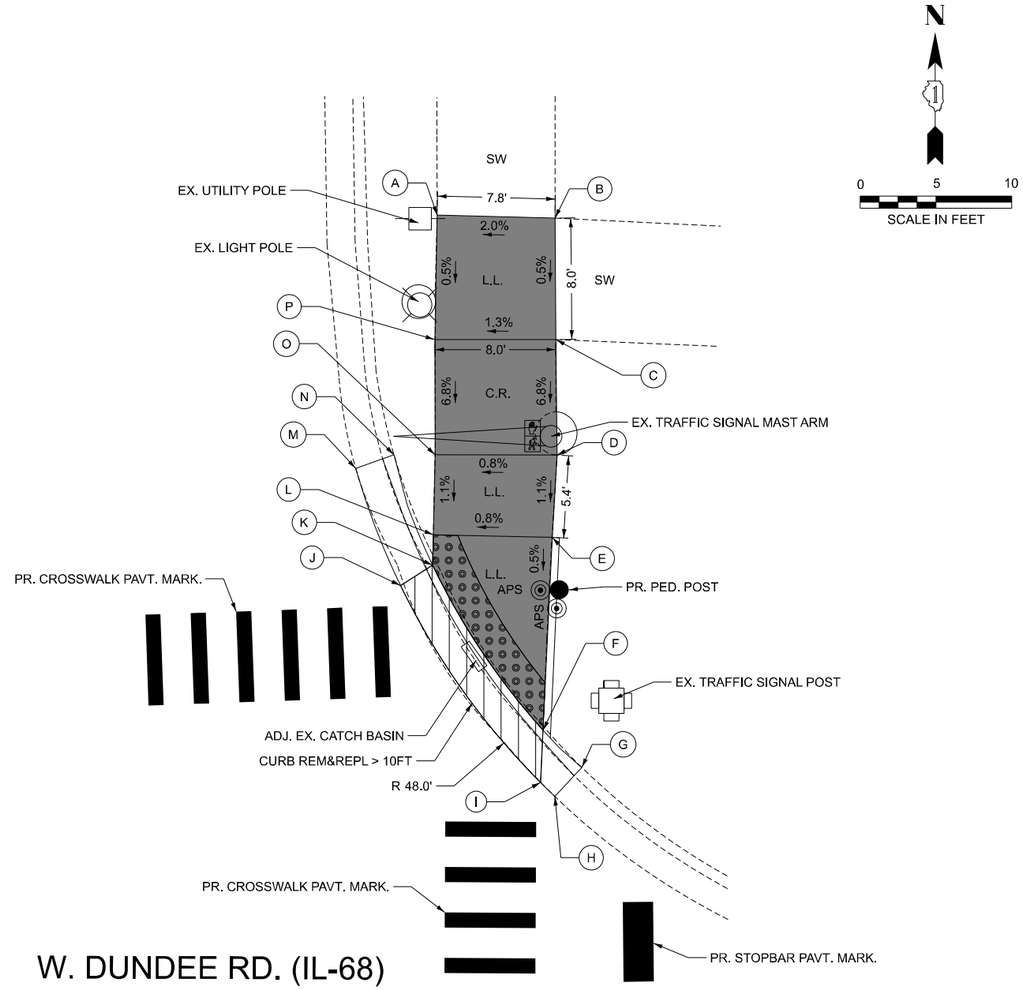
FILE NAME: pw:\\dbsterlinnow.bentley.com:dbsterlinnow-01\Documents\Projects\PTB 209\0177\Task 008\800 CADD Drawings\803 Civil\W. Dundee Rd\Sheets\62F86_sht_28_ADA 2X1.dgn



N. ARLINGTON HEIGHTS RD.

POINT	NORTHING	EASTING	ELEVATION
A	1993536.61	1078647.66	702.88
B	1993538.31	1078654.57	702.91
C	1993538.66	1078656.55	702.88
D	1993533.23	1078654.84	702.96
E	1993533.31	1078656.84	702.91
F	1993522.33	1078655.41	703.50
G	1993519.19	1078647.78	703.10
H	1993517.19	1078647.71	703.07
I	1993517.21	1078640.88	703.04
J	1993519.22	1078640.04	703.07
K	1993523.32	1078633.03	702.97
L	1993522.99	1078635.62	703.00
M	1993526.52	1078639.18	702.88
N	1993527.94	1078637.77	702.85

W. DUNDEE RD. (IL-68)



N. ARLINGTON HEIGHTS RD.

W. DUNDEE RD. (IL-68)

POINT	NORTHING	EASTING	ELEVATION
A	1993567.85	1078739.77	(702.94)
B	1993567.66	1078747.55	(703.10)
C	1993559.65	1078747.62	(703.06)
D	1993552.02	1078747.70	702.52
E	1993546.58	1078747.36	702.46
F	1993533.85	1078746.77	702.40
G	1993531.39	1078749.33	(702.68)
H	1993529.48	1078747.55	(702.27)
I	1993530.40	1078746.61	702.38
J	1993543.41	1078737.36	702.35
K	1993544.75	1078739.49	702.38
L	1993546.75	1078739.53	702.40
M	1993551.13	1078734.41	(702.38)
N	1993552.04	1078736.92	(702.40)
O	1993552.04	1078739.63	702.46
P	1993559.65	1078739.62	702.96

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH
	PROPOSED SIDE CURB
SW	SIDEWALK
L.L.	LEVEL LANDING
C.R.	CURB RAMP
T.P.	TRANSITION PANEL
( )	EXISTING ELEVATION/SLOPE
C.A.	CLEAR AREA

PROPOSED SIDEWALK

DETECTABLE WARNINGS

DEPRESSED CURB & GUTTER

PROPOSED BRICK PAVER

PROPOSED CONCRETE

DBS DB STERLIN CONSULTANTS, INC. 123 N. Wacker Drive, Suite 2000 Chicago, Illinois 60606 312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

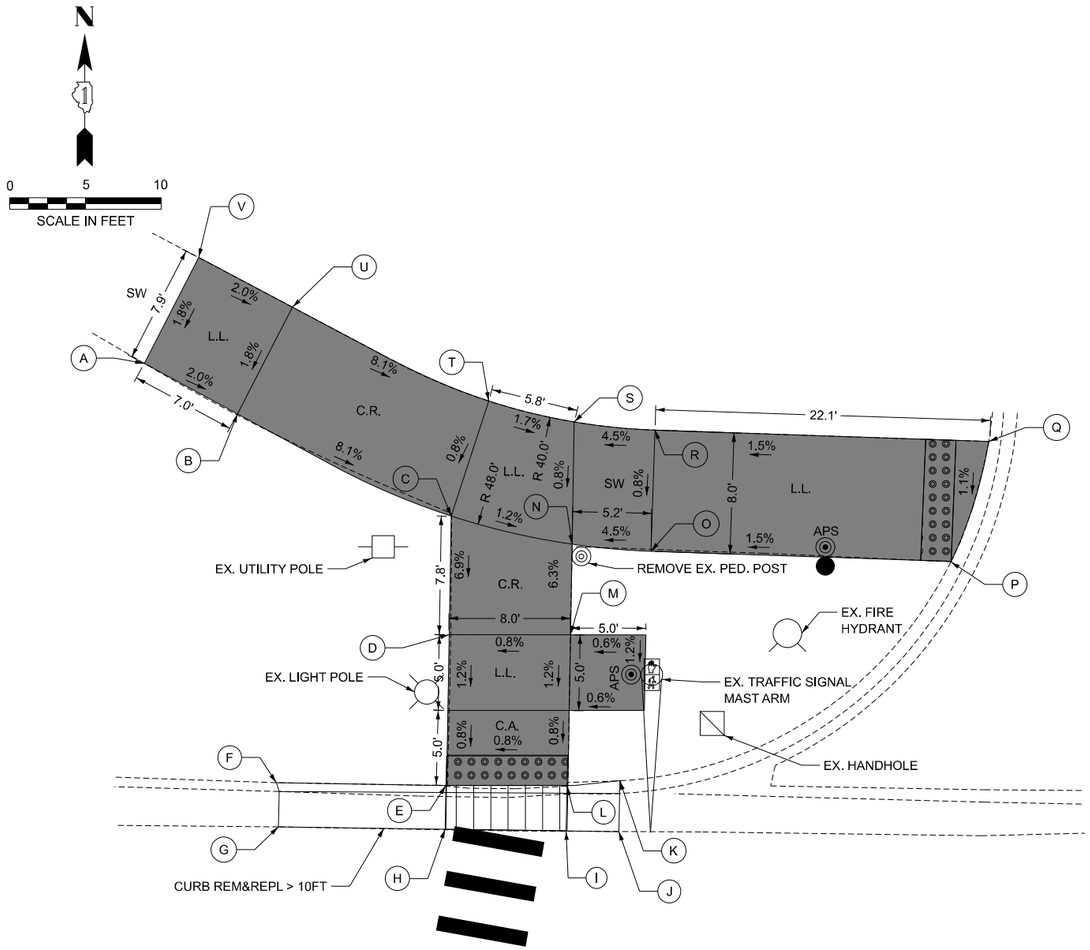
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – NW & NE CORNER ARLINGTON HEIGHTS

SCALE: 1" = 5' | SHEET 5 OF 17 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	29
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

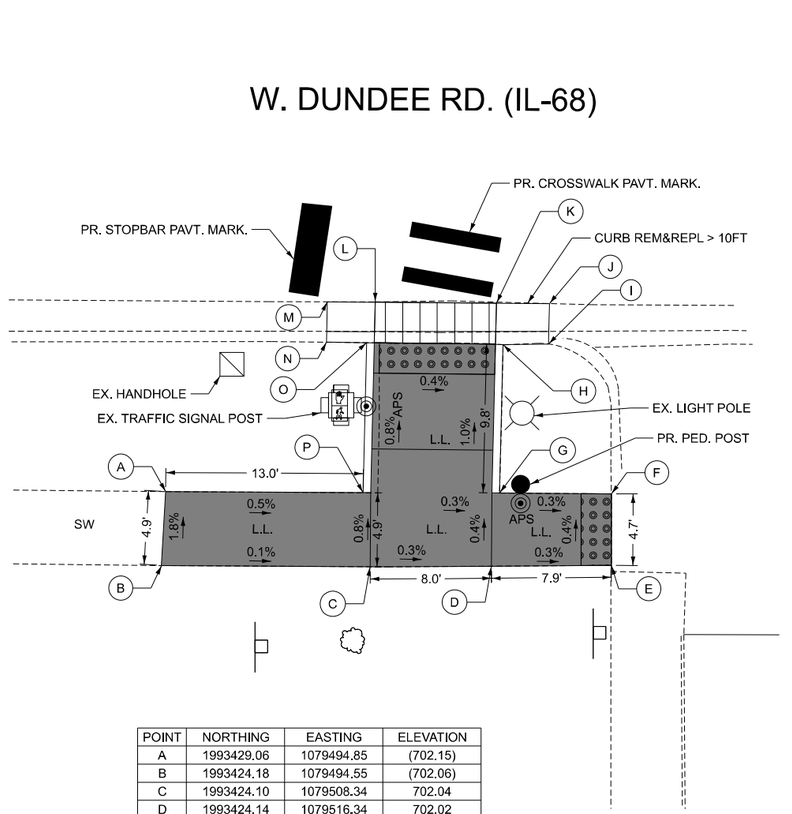
FILE NAME: pw://dbsterlin@pw.bentley.com:dbsterlin-pw-01\Documents\Projects\PTB 203\017\Task 008\800 CADD Drawings\800 Civil\W. Dundee Rd\Sheets\62F86_plh_30_ADA 2B.dgn



W. DUNDEE RD. (IL-68)

BUFFALO GROVE HIGH SCHOOL ENTRANCE

POINT	NORTHING	EASTING	ELEVATION
A	1993536.48	1079501.18	(703.33)
B	1993533.14	1079507.34	703.18
C	1993526.40	1079521.45	702.10
D	1993518.57	1079521.31	701.96
E	1993508.58	1079521.20	701.46
F	1993508.80	1079509.90	(701.59)
G	1993505.88	1079510.04	(701.51)
H	1993505.73	1079521.04	701.43
I	1993505.63	1079529.04	701.49
J	1993505.58	1079532.51	(701.48)
K	1993508.93	1079532.58	(701.73)
L	1993508.57	1079529.10	701.52
M	1993518.57	1079529.31	701.92
N	1993524.39	1079529.41	702.00
O	1993524.20	1079534.61	702.24
P	1993523.38	1079554.43	(702.53)
Q	1993531.33	1079556.93	(702.62)
R	1993532.08	1079534.90	702.30
S	1993532.63	1079529.55	702.06
T	1993534.85	1079521.53	702.16
U	1993540.19	1079510.96	703.32
V	1993543.47	1079504.77	(703.47)



W. DUNDEE RD. (IL-68)

OBERWEIS ICE CREAM ENTRANCE

POINT	NORTHING	EASTING	ELEVATION
A	1993429.06	1079494.85	(702.15)
B	1993424.18	1079494.55	(702.06)
C	1993424.10	1079508.34	702.04
D	1993424.14	1079516.34	702.02
E	1993424.19	1079524.27	(702.00)
F	1993428.92	1079524.28	(702.02)
G	1993428.97	1079516.87	702.04
H	1993438.76	1079517.11	701.62
I	1993438.81	1079520.11	(701.88)
J	1993441.48	1079520.17	(701.59)
K	1993441.50	1079516.68	701.58
L	1993441.56	1079508.99	701.59
M	1993441.59	1079505.51	(701.68)
N	1993438.93	1079505.46	(701.96)
O	1993438.89	1079508.46	(701.64)
P	1993428.99	1079507.88	(702.08)

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH
	PROPOSED SIDE CURB
SW	SIDEWALK
L.L.	LEVEL LANDING
C.R.	CURB RAMP
T.P.	TRANSITION PANEL
( )	EXISTING ELEVATION/SLOPE
C.A.	CLEAR AREA

	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	DEPRESSED CURB & GUTTER
	PROPOSED BRICK PAVER
	PROPOSED CONCRETE

DBS DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.657.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

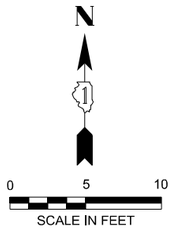
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – NW & SW CORNER HIGH SCHOOL ENTRANCE

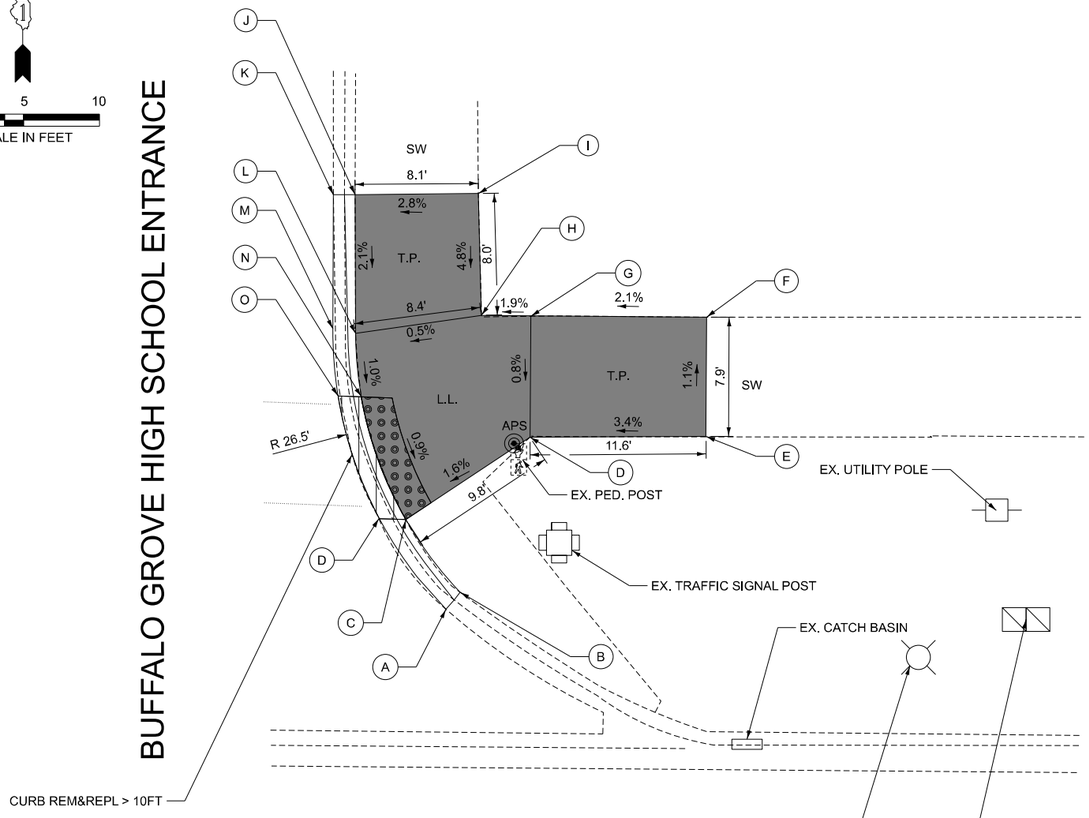
SCALE: 1" = 5' | SHEET 6 OF 17 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	30
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\dbsterlin-pw.bentley.com:dbsterlin-pw01\Documents\Projects\PTB 209-017\Task 009\R00 CADD Drawings\603 Civil\W. Dundee Rd\Sheets\62F86_pln_s1_ADA 3A.dgn



BUFFALO GROVE HIGH SCHOOL ENTRANCE

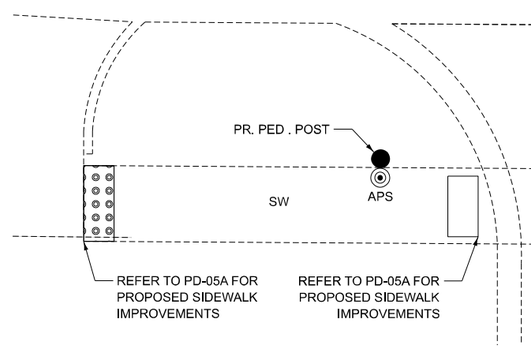


W. DUNDEE RD. (IL-68)

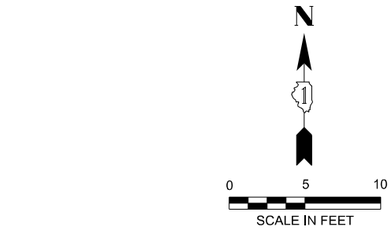
POINT	NORTHING	EASTING	ELEVATION
A	1993516.0214	1079600.1113	(702.14)
B	1993517.1459	1079601.0435	(702.60)
C	1993521.9443	1079597.4588	702.52
D	1993527.3732	1079605.6514	702.68
E	1993527.4332	1079617.2794	(703.07)
F	1993535.3011	1079617.3107	(702.98)
G	1993535.3943	1079605.7159	702.74
H	1993535.4206	1079602.4545	702.68
I	1993543.4624	1079602.2460	(703.06)
J	1993543.3994	1079594.1093	(702.83)
K	1993543.3873	1079592.6825	(702.60)
L	1993534.5398	1079592.6356	702.64
M	1993534.4184	1079594.1353	(702.57)
N	1993530.0488	1079594.5168	702.60
O	1993530.1010	1079592.9862	(702.56)

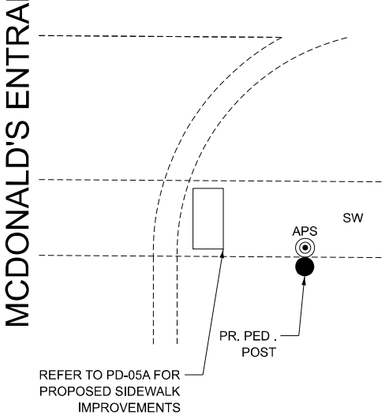
OBERWEIS ICE CREAM ENTRANCE

W. DUNDEE RD. (IL-68)



MCDONALD'S ENTRANCE





NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

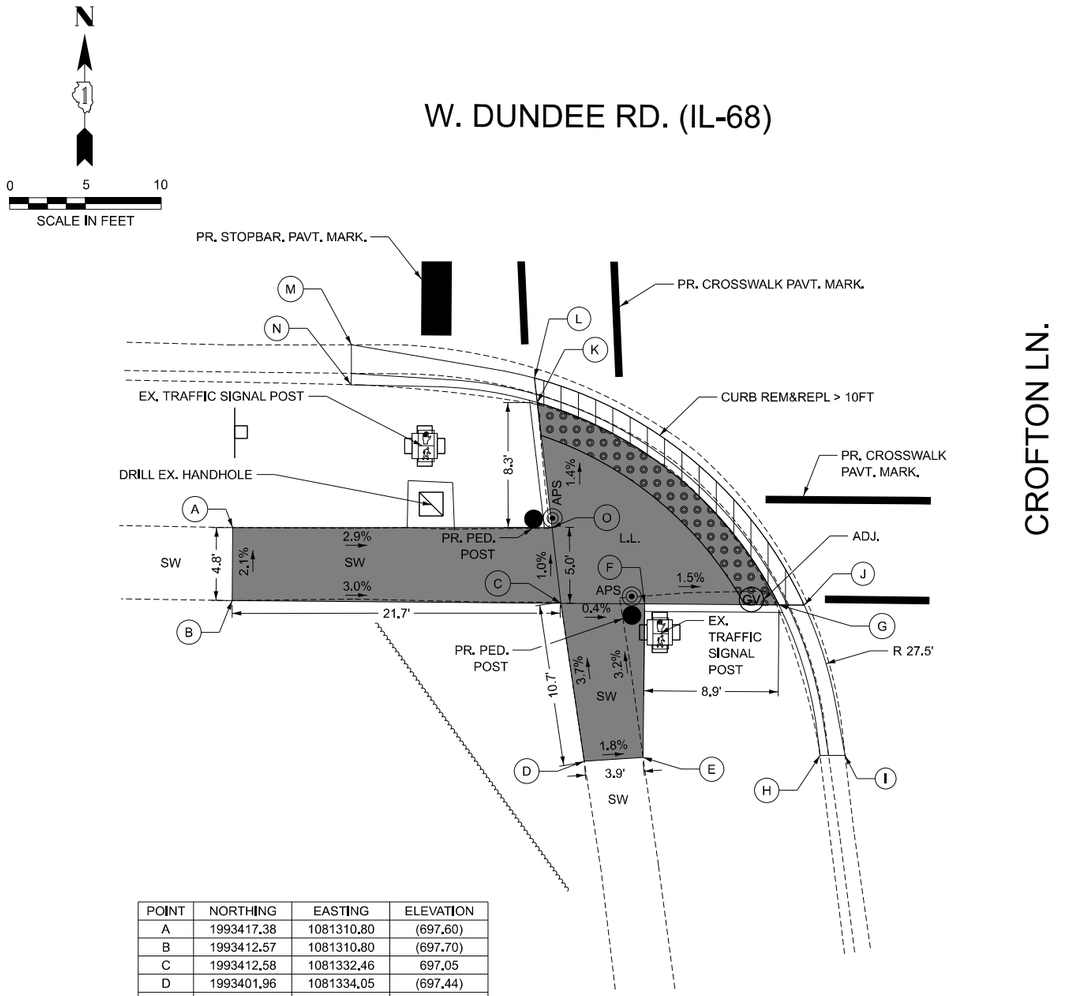
LEGEND

XX.XX'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
SW	SIDEWALK		DEPRESSED CURB & GUTTER
L.L.	LEVEL LANDING		PROPOSED BRICK PAVER
C.R.	CURB RAMP		PROPOSED CONCRETE
T.P.	TRANSITION PANEL		
( )	EXISTING ELEVATION/SLOPE		
C.A.	CLEAR AREA		

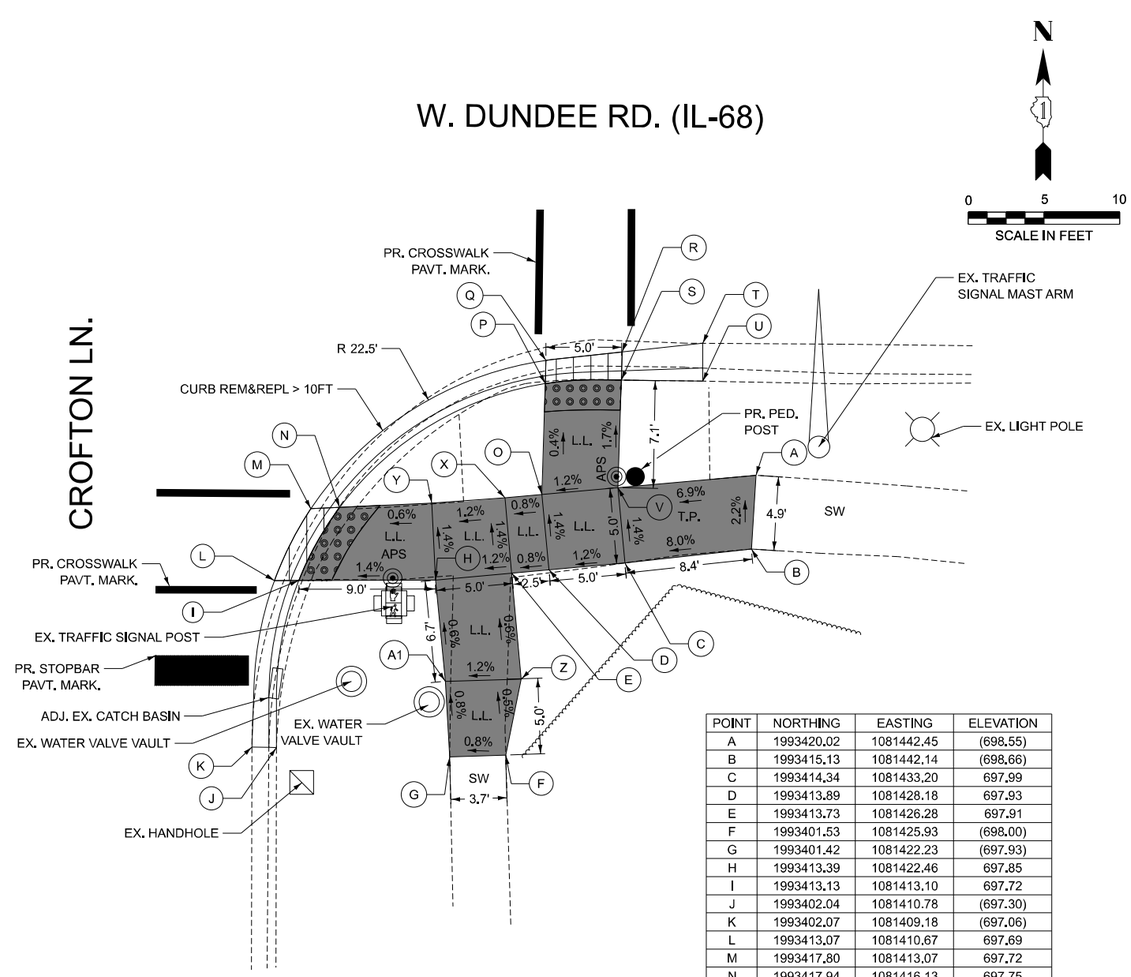
DBS DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1000

USER NAME = $USER$	DESIGNED - SMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SIDEWALK PLAN	F.A.P. RTE 343
PLOT SCALE = 10,000 ' / In.	DRAWN - DS	REVISED -		DUNDEE RD (IL-68) – NE & SE CORNER HIGH SCHOOL ENTRANCE	SECTION 2017-051RS
PLOT DATE = $DATE$	CHECKED - DC	REVISED -		SCALE: 1" = 5' SHEET 7 OF 17 SHEETS	COUNTY COOK
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -			TOTAL SHEETS 86
					SHEET NO. 31
					CONTRACT NO. 62F86
					ILLINOIS FED. AID PROJECT

FILE NAME: pw://dotsterlin-nowz.bentley.com:dotsterlin-nowz-01/Documents/Projects/PTB 205/0177/Task 008/600 CADD Drawings/603 Civil/W. Dundee Rd/Sheets/62F86_sht_02_ADA 3B.dgn



POINT	NORTHING	EASTING	ELEVATION
A	1993417.38	1081310.80	(697.60)
B	1993412.57	1081310.80	(697.70)
C	1993412.58	1081332.46	697.05
D	1993401.96	1081334.05	(697.44)
E	1993402.21	1081337.92	(697.37)
F	1993412.58	1081338.03	697.03
G	1993412.59	1081346.73	696.87
H	1993402.34	1081349.61	(697.26)
I	1993402.34	1081351.25	(697.07)
J	1993412.59	1081348.41	696.84
K	1993425.64	1081330.94	696.88
L	1993427.25	1081330.75	696.82
M	1993429.45	1081318.68	(696.43)
N	1993426.81	1081318.65	(696.71)
O	1993417.33	1081331.91	697.00



POINT	NORTHING	EASTING	ELEVATION
A	1993420.02	1081442.45	(698.55)
B	1993415.13	1081442.14	(698.66)
C	1993414.34	1081433.20	697.99
D	1993413.89	1081428.18	697.93
E	1993413.73	1081426.28	697.91
F	1993401.53	1081425.93	(698.00)
G	1993401.42	1081422.23	(697.93)
H	1993413.39	1081422.46	697.85
I	1993413.13	1081413.10	697.72
J	1993402.04	1081410.78	(697.30)
K	1993402.07	1081409.18	(697.06)
L	1993413.07	1081410.67	697.69
M	1993417.80	1081413.07	697.72
N	1993417.94	1081416.13	697.75
O	1993418.74	1081428.33	697.86
P	1993426.07	1081428.55	697.83
Q	1993427.59	1081428.59	697.80
R	1993428.15	1081433.61	697.77
S	1993426.30	1081433.56	697.80
T	1993428.72	1081438.93	(697.26)
U	1993426.22	1081438.93	(697.36)
V	1993419.20	1081433.34	697.92
X	1993418.52	1081425.88	697.84
Y	1993418.18	1081421.05	697.78
Z	1993406.57	1081426.95	697.95
A1	1993406.41	1081421.95	697.89

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH
	PROPOSED SIDE CURB
SW	SIDEWALK
L.L.	LEVEL LANDING
C.R.	CURB RAMP
T.P.	TRANSITION PANEL
( )	EXISTING ELEVATION/SLOPE
C.A.	CLEAR AREA
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	DEPRESSED CURB & GUTTER
	PROPOSED BRICK PAVER
	PROPOSED CONCRETE

DBS | DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – SW & SE CORNER WEIDNER / CROFTON

SCALE: 1" = 5' | SHEET 8 OF 17 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	32
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\dbsterlin-pw.bentley.com:dbsterlin-pw01\Documents\Projects\PTB 203+017\Task 4\208600 CADD Drawings\693 Civil\W; Dundee Rd\Sheets\62F86_sht_02_ADA 4A.dgn

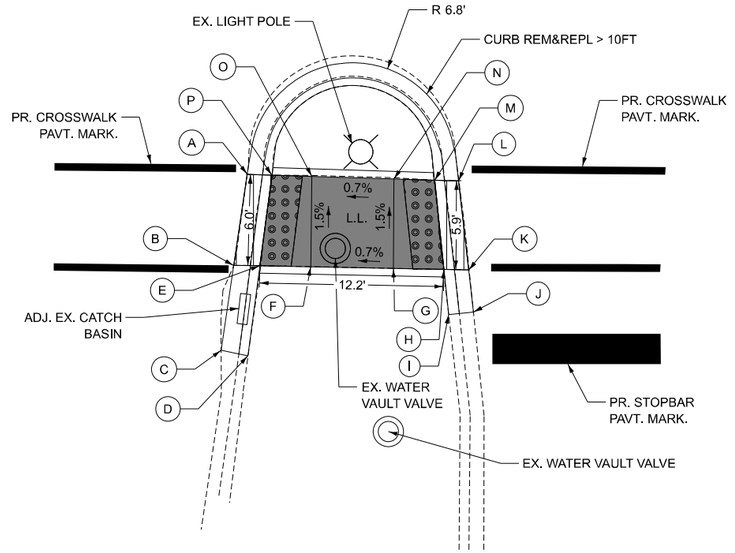
N

0 5 10

SCALE IN FEET

W. DUNDEE RD. (IL-68)

SB CROFTON LN.



NB CROFTON LN.

POINT	NORTHING	EASTING	ELEVATION
A	1993418.64	1081372.85	697.30
B	1993412.63	1081371.96	697.24
C	1993407.02	1081371.13	(696.98)
D	1993406.66	1081372.90	(697.36)
E	1993412.60	1081373.69	697.27
F	1993412.52	1081377.05	697.44
G	1993412.42	1081382.50	697.45
H	1993412.36	1081385.84	697.35
I	1993409.38	1081386.15	(697.54)
J	1993409.55	1081387.78	(697.19)
K	1993412.33	1081387.47	697.17
L	1993418.20	1081386.80	697.38
M	1993418.25	1081385.22	697.41
N	1993418.33	1081382.53	697.36
O	1993418.50	1081377.12	697.35
P	1993418.58	1081374.47	697.33

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH	PROPOSED SIDEWALK
	PROPOSED SIDE CURB	DETECTABLE WARNINGS
SW	SIDEWALK	
L.L.	LEVEL LANDING	DEPRESSED CURB & GUTTER
C.R.	CURB RAMP	
T.P.	TRANSITION PANEL	PROPOSED BRICK PAVER
( )	EXISTING ELEVATION/SLOPE	PROPOSED CONCRETE
C.A.	CLEAR AREA	

DBS DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

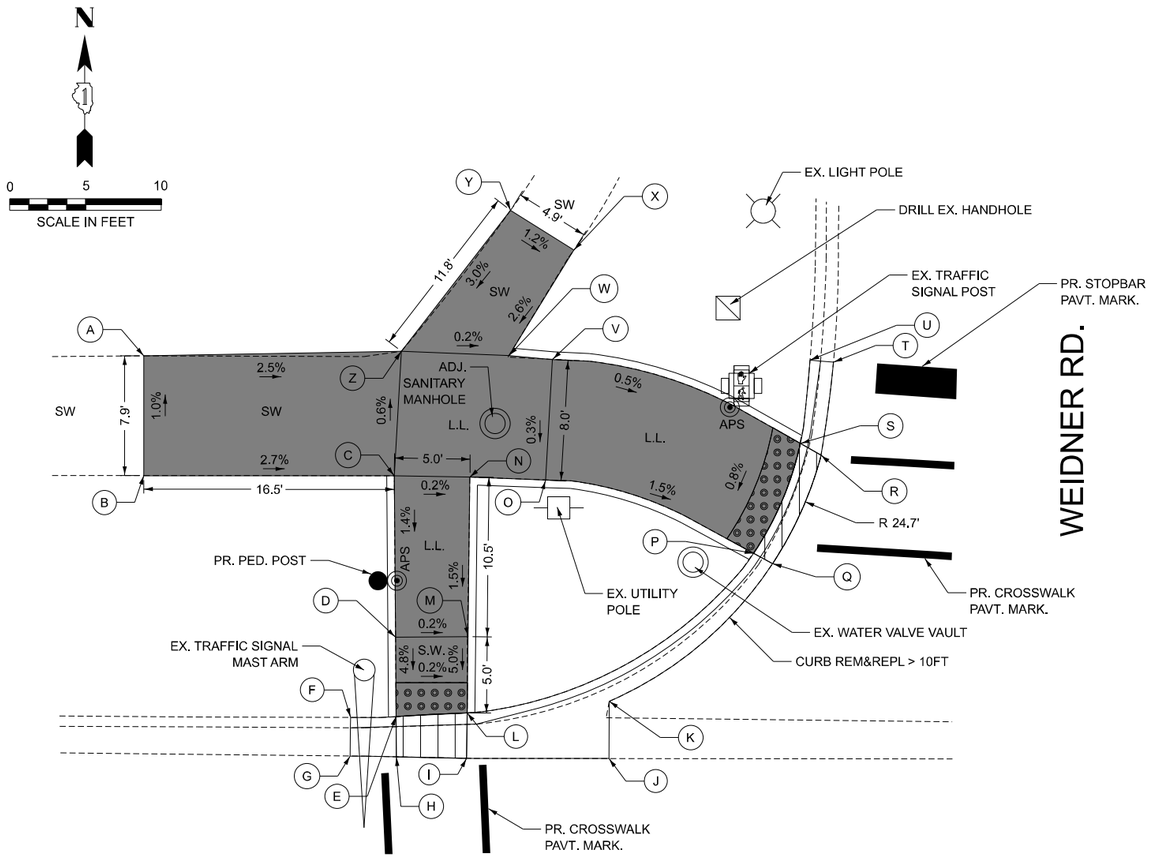
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – SOUTH ISLAND WEIDNER / CROFTON

SCALE: 1" = 5' | SHEET 9 OF 17 SHEETS

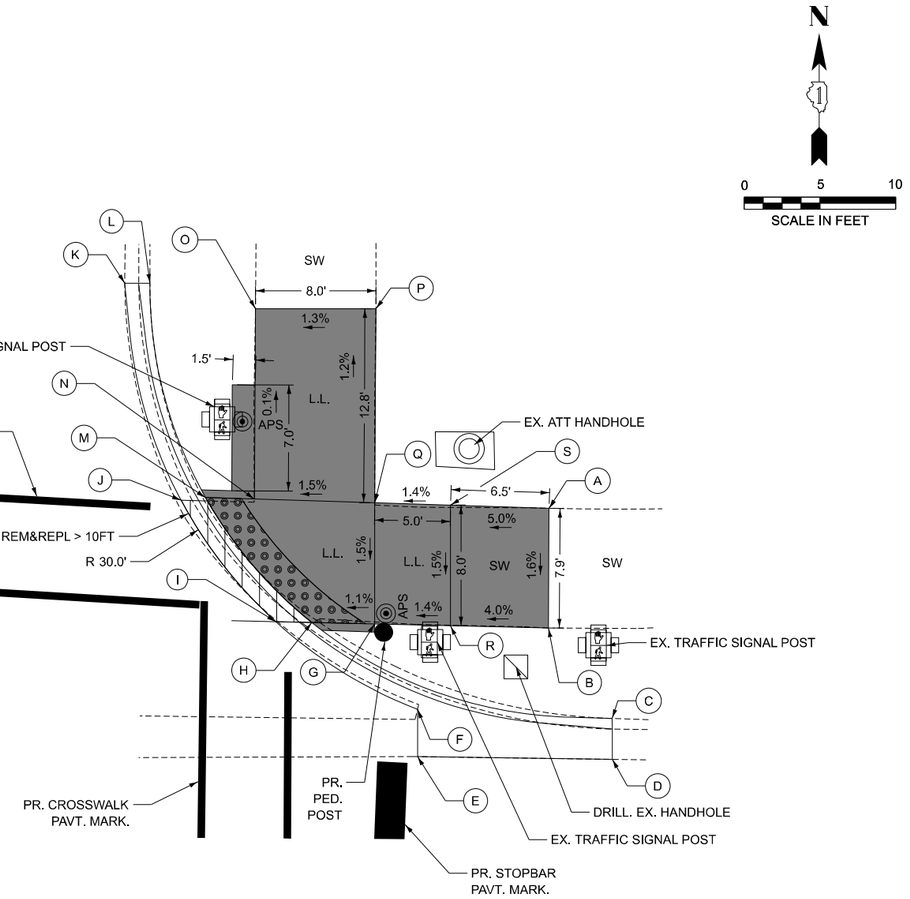
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	33
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\dbsterlinnow.bentley.com:dbsterlinnow01\Documents\Projects\PTB 209+\217\task+008\800 CADD Drawings\803 Civil\W. Dundee Rd\Sheets\62F86_sht_02_ADA 4A1.dgn



POINT	NORTHING	EASTING	ELEVATION
A	1993520.22	1081311.27	(697.37)
B	1993512.33	1081311.27	(697.45)
C	1993512.31	1081327.80	697.00
D	1993501.67	1081327.88	696.85
E	1993496.43	1081327.92	696.60
F	1993496.36	1081324.92	(696.70)
G	1993493.81	1081324.85	(696.31)
H	1993493.75	1081327.95	696.57
I	1993493.66	1081332.58	696.56
J	1993493.64	1081341.97	(696.51)
K	1993497.43	1081341.97	(696.51)
L	1993496.67	1081332.62	696.59
M	1993501.70	1081332.67	696.84
N	1993512.22	1081332.79	696.99
O	1993512.03	1081337.79	697.16
P	1993507.20	1081351.53	696.94
Q	1993506.52	1081352.78	696.91
R	1993513.68	1081355.98	696.63
S	1993514.45	1081354.62	696.67
T	1993519.80	1081356.80	(696.63)
U	1993519.95	1081355.25	(697.09)
V	1993520.00	1081338.26	696.93
W	1993520.26	1081335.37	696.94
X	1993527.21	1081339.67	(697.25)
Y	1993529.84	1081335.48	(697.31)
Z	1993520.53	1081328.28	697.14

W. DUNDEE RD. (IL-68)



W. DUNDEE RD. (IL-68)

POINT	NORTHING	EASTING	ELEVATION
A	1993509.50	1081451.85	(697.63)
B	1993501.60	1081456.02	(697.45)
C	1993495.63	1081456.02	(697.15)
D	1993495.63	1081456.02	(696.25)
E	1993493.11	1081439.64	(697.13)
F	1993496.23	1081439.64	(697.05)
G	1993501.98	1081440.35	697.12
H	1993502.28	1081435.79	697.07
I	1993502.43	1081433.36	697.04
J	1993510.03	1081427.56	697.06
K	1993524.36	1081423.84	(696.38)
L	1993524.36	1081425.49	(696.75)
M	1993509.99	1081429.30	697.09
N	1993509.91	1081432.39	697.09
O	1993522.67	1081432.47	(696.96)
P	1993522.67	1081440.43	(697.07)
Q	1993509.72	1081440.35	697.24
R	1993501.82	1071445.35	697.19
S	1993509.62	1081445.35	697.31

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
SW	SIDEWALK		DEPRESSED CURB & GUTTER
L.L.	LEVEL LANDING		PROPOSED BRICK PAVER
C.R.	CURB RAMP		PROPOSED CONCRETE
T.P.	TRANSITION PANEL		
( )	EXISTING ELEVATION/SLOPE		
C.A.	CLEAR AREA		

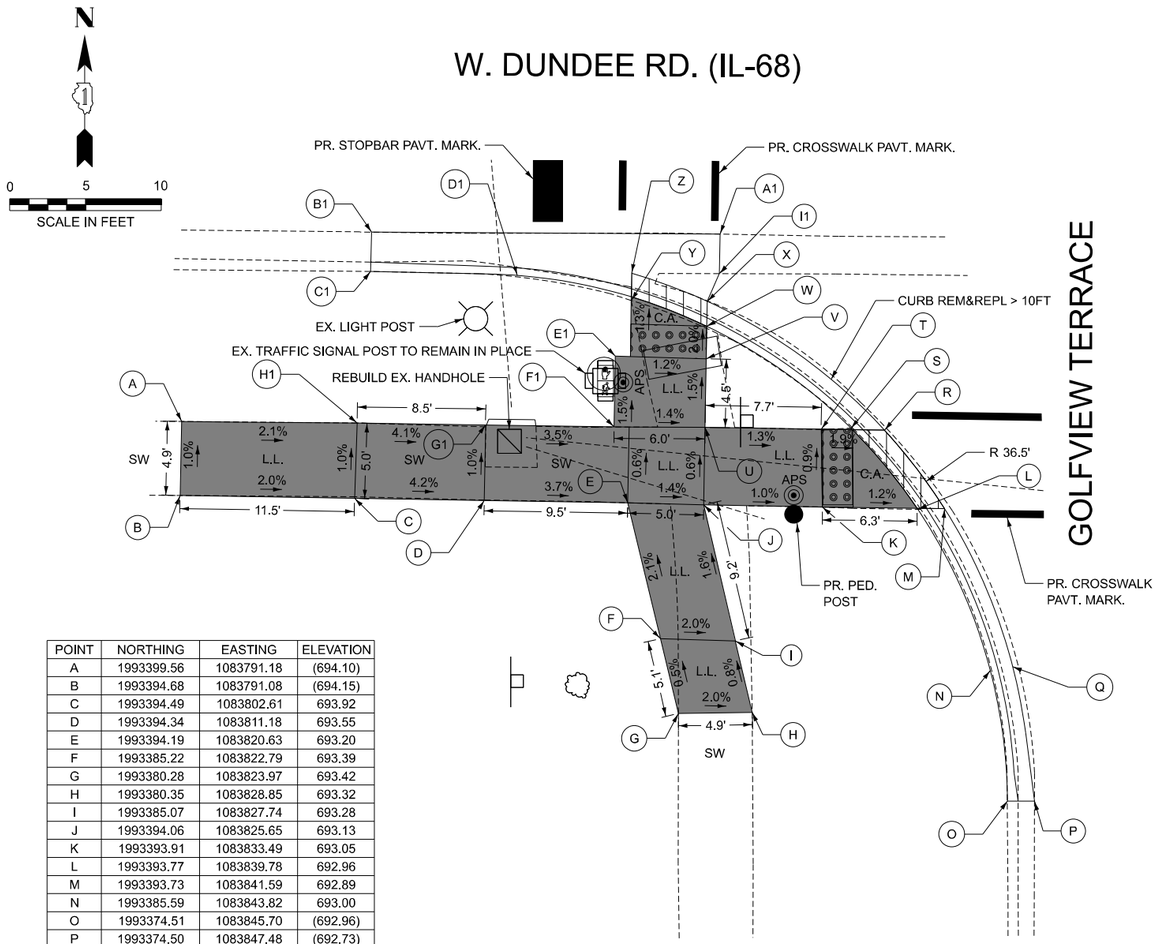
DBS STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME = $USER$	DESIGNED - SMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SIDEWALK PLAN DUNDEE RD (IL–68) – NW & NE CORNER WEIDNER / CROFTON	
PLOT SCALE = 10,000 ' / In.	DRAWN - DS	REVISED -			
PLOT DATE = $DATE$	CHECKED - DC	REVISED -			
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -		SCALE: 1" = 5' SHEET 10 OF 17 SHEETS	

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	34
		CONTRACT NO. 62F86		
		ILLINOIS FED. AID PROJECT		

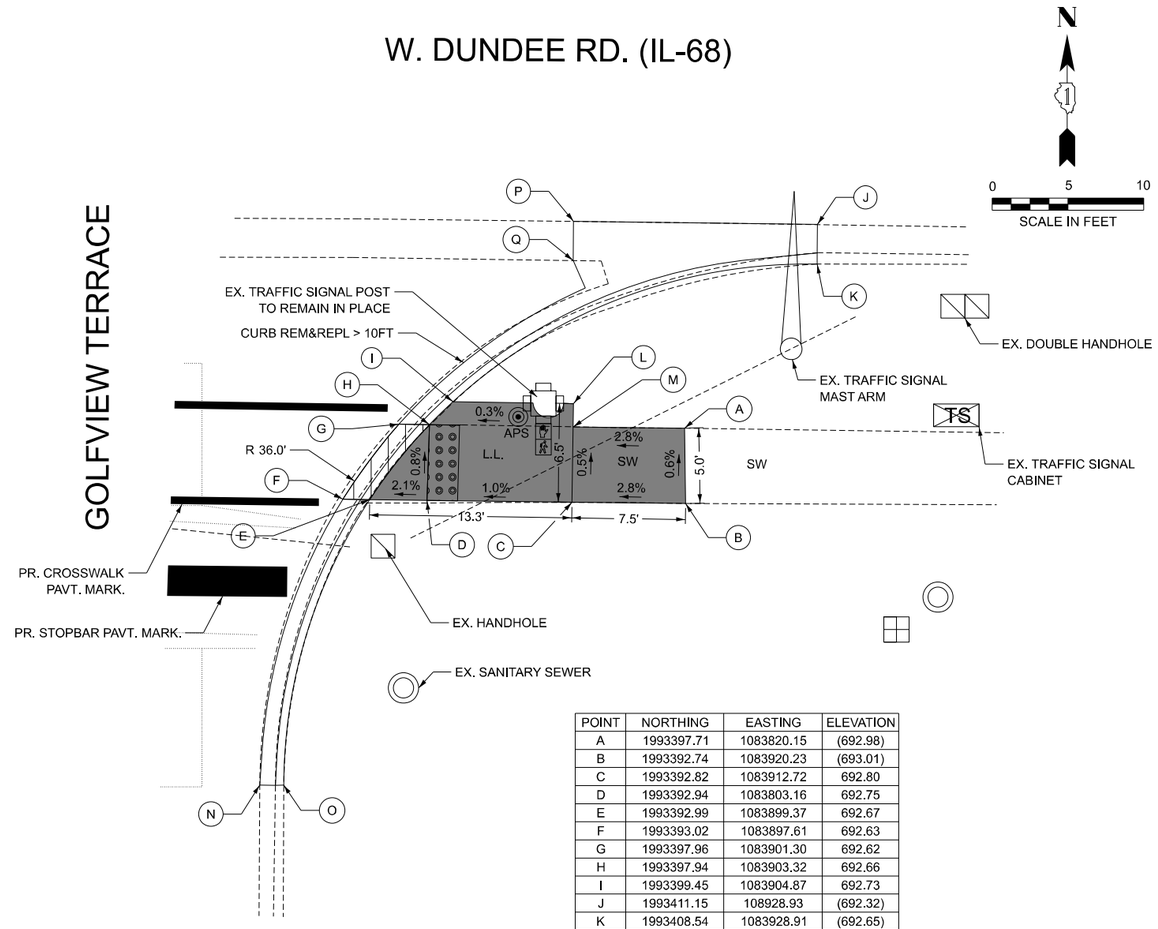
FILE NAME: pw://dbsterlinnowJbentley.com:dbsterlinnow/Documents/Projects/PTB 209/0177/Task 008/600 CADD Drawings/603 Civil/W. Dundee Rd/Sheets/62F86_sht_03_ADA-48.dgn

W. DUNDEE RD. (IL-68)



POINT	NORTHING	EASTING	ELEVATION
A	1993399.56	1083791.18	(694.10)
B	1993394.68	1083791.08	(694.15)
C	1993394.49	1083802.61	693.92
D	1993394.34	1083811.18	693.55
E	1993394.19	1083820.63	693.20
F	1993385.22	1083822.79	693.39
G	1993380.28	1083823.97	693.42
H	1993380.35	1083828.85	693.32
I	1993385.07	1083827.74	693.28
J	1993394.06	1083825.65	693.13
K	1993393.91	1083833.49	693.05
L	1993393.77	1083839.78	692.96
M	1993393.73	1083841.59	692.89
N	1993385.59	1083843.82	693.00
O	1993374.51	1083845.70	(692.96)
P	1993374.50	1083847.48	(692.73)
Q	1993385.61	1083845.40	692.85
R	1993393.20	1083837.38	692.90
S	1993399.12	1083835.37	692.96
T	1993399.03	1083833.43	693.00
U	1993399.17	1083825.74	693.10
V	1993403.70	1083825.81	693.03
W	1993405.85	1083825.85	693.05
X	1993407.49	1083825.88	(692.88)
Y	1993407.79	1083820.86	693.10
Z	1993409.35	1083820.89	693.00
A1	1993411.93	1083826.74	(692.97)
B1	1993412.06	1083803.72	(693.13)
C1	1993409.46	1083803.66	(693.45)
D1	1993409.25	1083812.55	693.31
E1	1993403.83	1083819.81	693.10
F1	1993399.19	1083819.72	693.17
G1	1993399.33	1083811.26	693.50
H1	1993399.46	1083802.77	693.85
I1	1993409.32	1083826.68	(692.83)

W. DUNDEE RD. (IL-68)



POINT	NORTHING	EASTING	ELEVATION
A	1993397.71	1083820.15	(692.98)
B	1993392.74	1083920.23	(693.01)
C	1993392.82	1083912.72	692.80
D	1993392.94	1083803.16	692.75
E	1993392.99	1083899.37	692.67
F	1993393.02	1083897.61	692.63
G	1993397.96	1083901.30	692.62
H	1993397.94	1083903.32	692.66
I	1993399.45	1083904.87	692.73
J	1993411.15	108928.93	(692.32)
K	1993408.54	1083928.91	(692.65)
L	1993399.34	1083912.84	692.76
M	1993397,81	1083812,80	692,77
N	1993374.24	1083892.12	(691.59)
O	1993374.16	1083893.70	(692.87)
P	1993411.36	1083912.84	(692.36)
Q	1993408.78	1083912.81	(692.37)

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH
	PROPOSED SIDE CURB
SW	SIDEWALK
L.L.	LEVEL LANDING
C.R.	CURB RAMP
T.P.	TRANSITION PANEL
( )	EXISTING ELEVATION/SLOPE
C.A.	CLEAR AREA

PROPOSED SIDEWALK

DETECTABLE WARNINGS

DEPRESSED CURB & GUTTER

PROPOSED BRICK PAVER

PROPOSED CONCRETE

DBS | DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

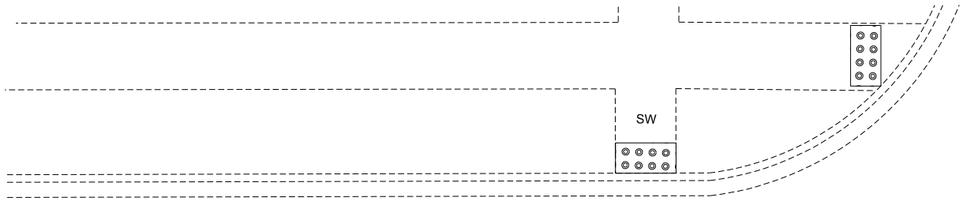
PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – SW & SE CORNER GOLFVIEW TERRACE

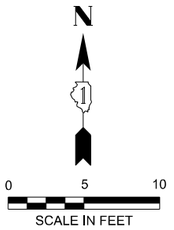
SCALE: 1" = 5' | SHEET 11 OF 17 SHEETS

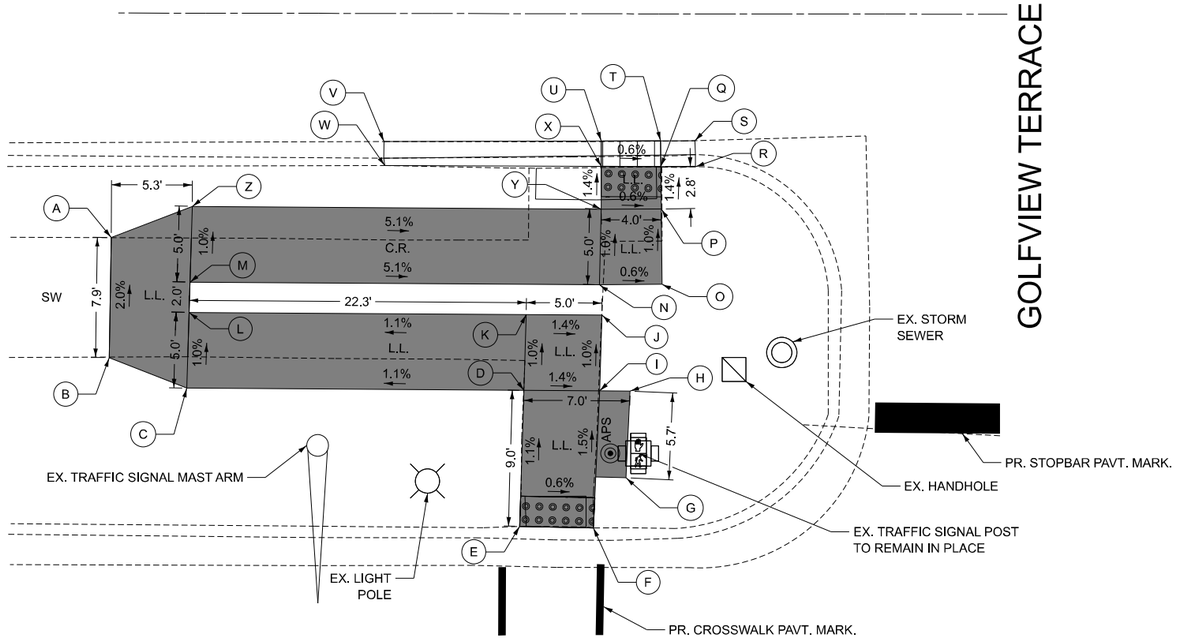
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	35
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw://dbsterlin-pw.bentley.com:dbsterlin-pw01/Documents/Projects/PTB 203+017/Task 4068/600 CADD Drawings/603 Civil/W_Dundee Rd/Sheets/62F86_plt_1A_ADA-1A.dgn

POINT	NORTHING	EASTING	ELEVATION
A	1993497.88	1083794.96	(692.37)
B	1993489.95	1083794.83	(692.53)
C	1993487.94	1083799.95	692.48
D	1993487.79	1083822.21	692.73
E	1993478.82	1083821.92	692.83
F	1993478.73	1083826.80	692.80
G	1993482.02	1083828.95	692.73
H	1993487.75	1083829.21	692.64
I	1993487.76	1083827.21	692.66
J	1993492.76	1083827.37	692.61
K	1993492.79	1083822.37	692.68
L	1993492.94	1083800.10	692.43
M	1993494.94	1083800.16	692.41
N	1993494.76	1083827.18	691.03
O	1993494.80	1083831.32	691.00
P	1993499.77	1083831.27	690.95
Q	1993502.57	1083831.24	690.91
R	1993502.57	1083833.52	691.30
S	1993504.27	1083833.49	690,73
T	1993504.27	1083831.23	690.86
U	1993504.26	1083827.30	690.89
V	1993504.23	1083812.97	(690.67)
W	1993502.63	1083813.02	(691.04)
X	1993502.58	1083827.31	690.94
Y	1993499.76	1083827.31	690.98
Z	1993499.94	1083800.31	692.36







NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

xx.xx'	EXISTING LENGTH
	PROPOSED SIDE CURB
SW	SIDEWALK
L.L.	LEVEL LANDING
C.R.	CURB RAMP
T.P.	TRANSITION PANEL
( )	EXISTING ELEVATION/SLOPE
C.A.	CLEAR AREA

PROPOSED SIDEWALK
DETECTABLE WARNINGS
DEPRESSED CURB & GUTTER
PROPOSED BRICK PAVER
PROPOSED CONCRETE

DBS STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME = $USERS	DESIGNED - SMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SIDEWALK PLAN DUNDEE RD (IL–68) – NW CORNER GOLFVIEW TERRACE	
PLOT SCALE = 10.000 ' / In.	DRAWN - DS	REVISED -			
PLOT DATE = $DATE$	CHECKED - DC	REVISED -			
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -		SCALE: 1" = 5' SHEET 12 OF 17 SHEETS	

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	36
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

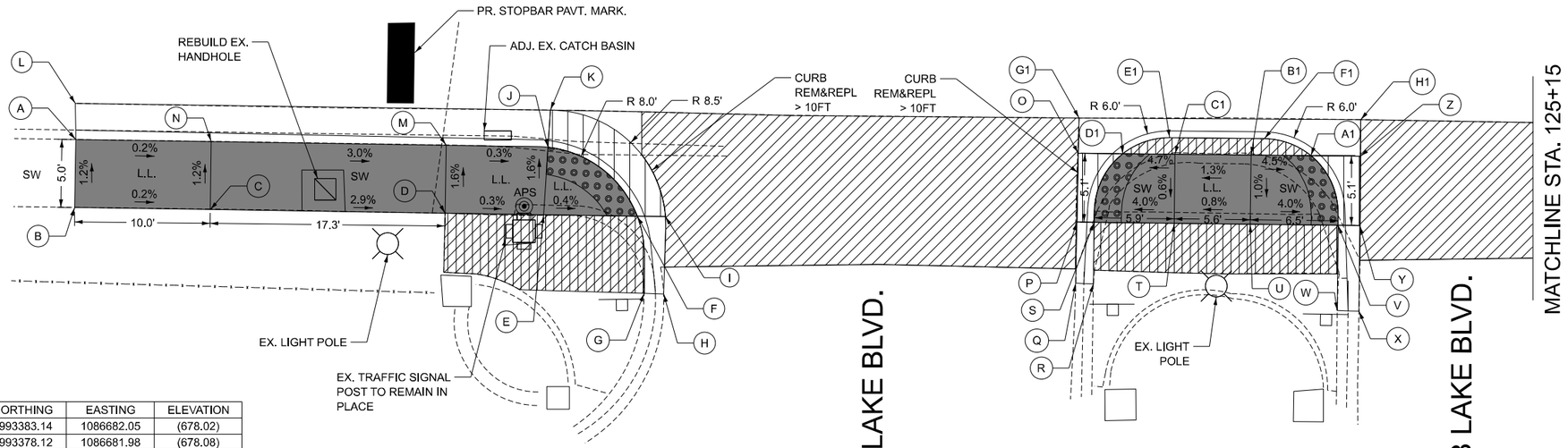
FILE NAME: pw://dbsterlin-nowJbentley.com:dbsterlin-now2/Documents/Projects/PTB 203+177/Task 008/600 CADD Drawings/600 Civil/W. Dundee Rd/Sheets/62F86_sht_06_ADA SB.dgn

N

0 5 10

SCALE IN FEET

W. DUNDEE RD. (IL-68)



POINT	NORTHING	EASTING	ELEVATION
A	1993383.14	1086682.05	(678.02)
B	1993378.12	1086681.98	(678.08)
C	1993377.96	1086691.98	678.06
D	1993377.69	1086709.30	678.56
E	1993377.58	1086716.56	678.54
F	1993377.47	1086723.48	678.52
G	1993371.78	1086723.99	(677.92)
H	1993371.74	1086725.43	(677.54)
I	1993377.44	1086725.56	678.49
J	1993382.57	1086716.88	677.46
K	1993385.31	1086717.06	677.43
L	1993385.79	1086682.03	(677.86)
M	1993382.72	1086709.38	677.48
N	1993382.98	1086692.05	678.00
O	1993382.12	1086756.01	677.62
P	1993377.04	1086755.91	677.53
Q	1993372.53	1086755.82	(677.54)
R	1993372.49	1086757.12	(677.90)
S	1993377.02	1086757.18	677.56
T	1993376.95	1086763.09	677.80
U	1993376.88	1086768.70	677.85
V	1993376.80	1086775.17	677.59
W	1993370.51	1086775.11	(678.00)
X	1993370.47	1086776.71	(677.57)
Y	1993376.78	1086776.77	677.56
Z	1993381.91	1086776.82	677.67
A1	1993381.95	1086773.22	677.70
B1	1993381.99	1086768.75	677.90
C1	1993382.05	1086763.14	677.83
D1	1993382.09	1086759.29	677.65
E1	1993383.27	1086762.75	677.80
F1	1993383.20	1086769.73	677.87
G1	1993384.73	1086756.06	(677.57)
H1	1993384.61	1086776.84	(677.41)

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH
	PROPOSED SIDE CURB
SW	SIDEWALK
L.L.	LEVEL LANDING
C.R.	CURB RAMP
T.P.	TRANSITION PANEL
( )	EXISTING ELEVATION/SLOPE
C.A.	CLEAR AREA

PROPOSED SIDEWALK

DETECTABLE WARNINGS

DEPRESSED CURB & GUTTER

PROPOSED BRICK PAVER

PROPOSED CONCRETE

DBS | DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.657.1006

USER NAME	= $USERS	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – SW & SE CORNER HUNTINGTON / LAKE

SCALE: 1" = 5' | SHEET 13 OF 17 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	37
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

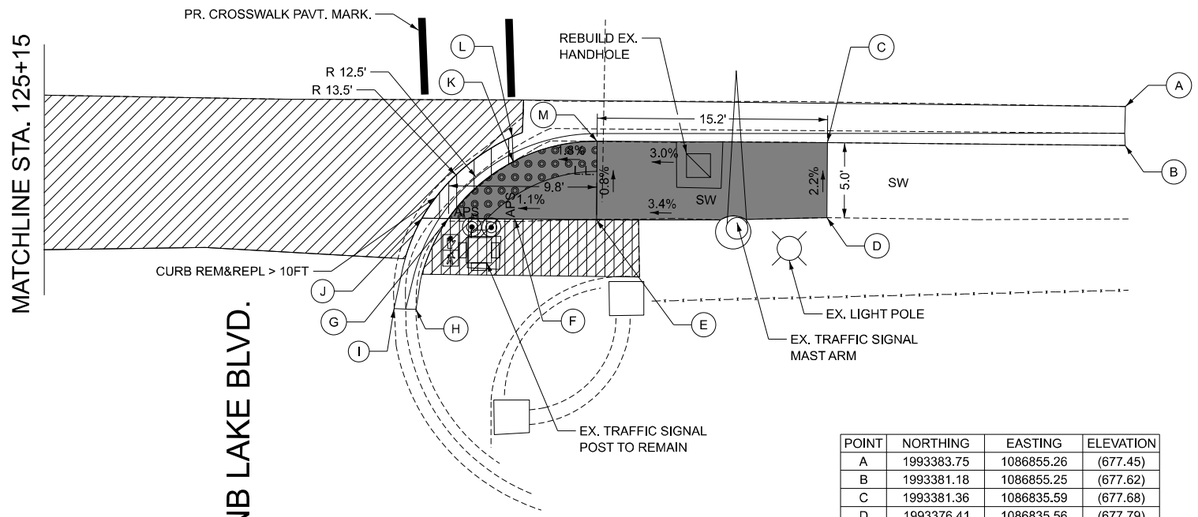
FILE NAME: pw:\\dbsterlinnow.bentley.com:dbsterlinnow-pw01\Documents\Projects\PTB 209+117\Task4098\800 CADD Drawings\803 Civil\W_Dundee Rd\Sheets\62F86_pln_08_ADA 6A.dgn

N

0 5 10

SCALE IN FEET

W. DUNDEE RD. (IL-68)



POINT	NORTHING	EASTING	ELEVATION
A	1993383.75	1086855.26	(677.45)
B	1993381.18	1086855.25	(677.62)
C	1993381.36	1086835.59	(677.68)
D	1993376.41	1086835.56	(677.79)
E	1993376.27	1086820.34	677.27
F	1993376.30	1086814.96	677.21
G	1993376.35	1086810.57	677.14
H	1993370.36	1086808.43	(678.05)
I	1993370.45	1086807.00	(677.59)
J	1993376.38	1086808.82	677.11
K	1993380.11	1086814.84	677.16
L	1993381.75	1086814.79	677.13
M	1993381.46	1086820.39	677.23

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH
	PROPOSED SIDE CURB
SW	SIDEWALK
L.L.	LEVEL LANDING
C,R,	CURB RAMP
T.P.	TRANSITION PANEL
( )	EXISTING ELEVATION/SLOPE
C.A.	CLEAR AREA
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	DEPRESSED CURB & GUTTER
	PROPOSED BRICK PAVER
	PROPOSED CONCRETE

DBS | DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.257.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

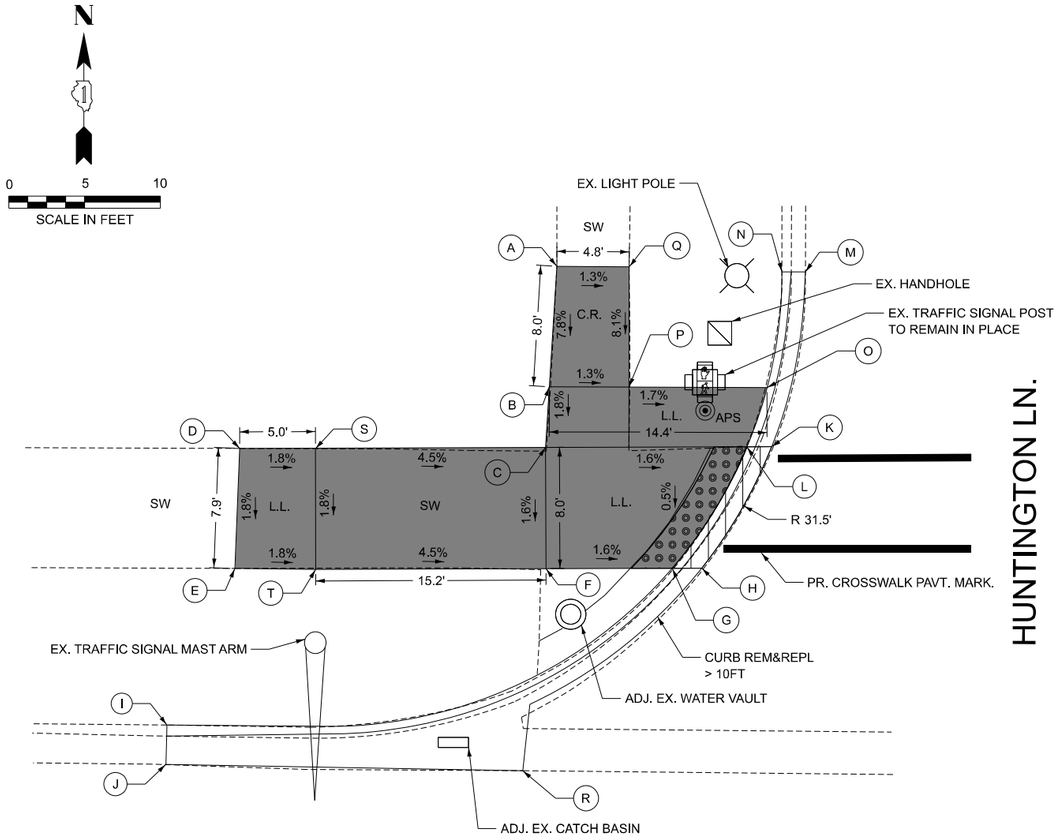
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – SOUTH ISLAND HUNTINGTON / LAKE

SCALE: 1" = 5' | SHEET 14 OF 17 SHEETS

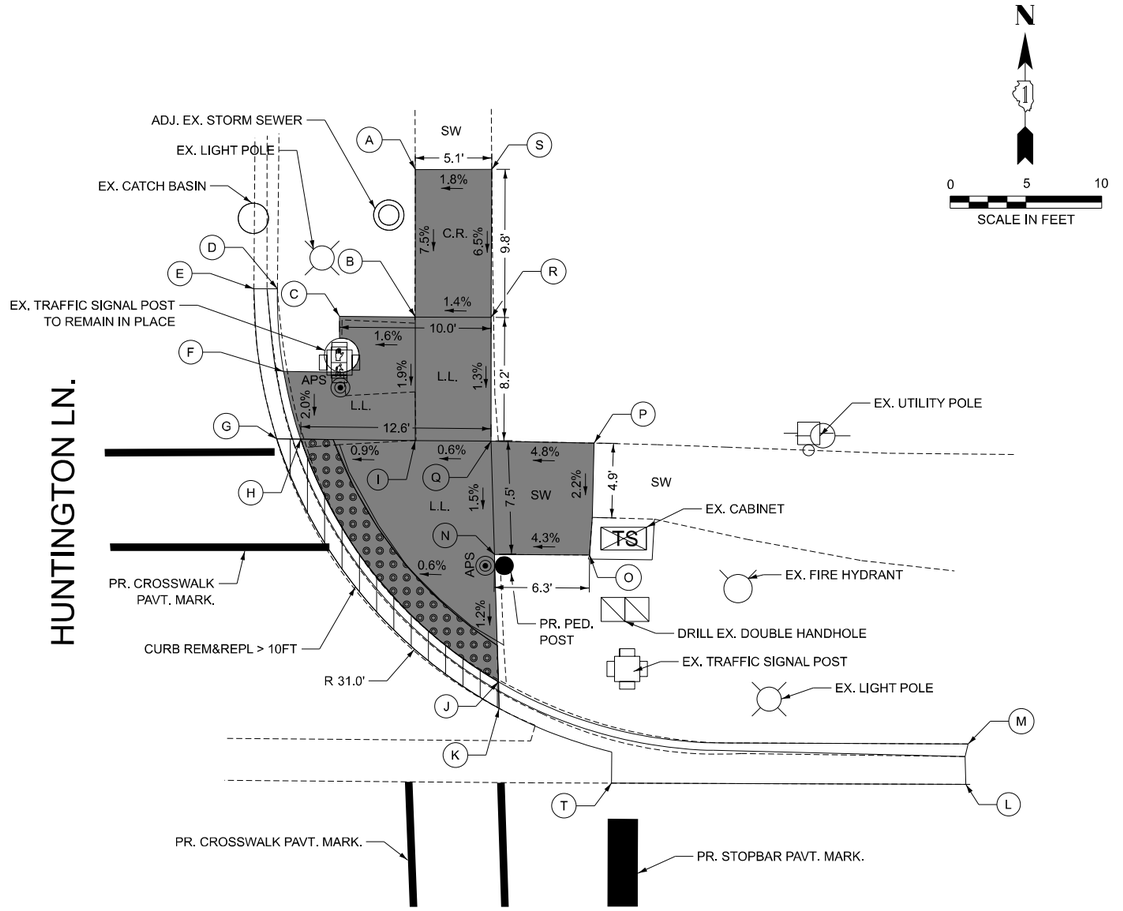
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	38
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw://dbsterlinnowJbentley.com:dbsterlinnow/Documents/Projects/PTB 209-017/Task-008/600 CADD Drawings/603 Civil/W. Dundee Rd/Sheets/62F86_sht_37_ADA 08.dgn



POINT	NORTHING	EASTING	ELEVATION
A	1993482.65	1086723.28	(678.93)
B	1993474.69	1086722.80	678.30
C	1993470.70	1086722.55	678.30
D	1993470.63	1086702.35	(679.08)
E	1993462.70	1086702.04	(678.94)
F	1993462.83	1086722.07	678.17
G	1993455.46	1086721.62	678.04
H	1993453.75	1086721.51	698.01
I	1993452.37	1086697.55	(678.00)
J	1993449.77	1086697.49	(677.74)
K	1993470.74	1086737.47	678.06
L	1993470.74	1086735.85	678.09
M	1993482.28	1086739.70	(677.88)
N	1993482.28	1086738.16	(678.19)
O	1993474.65	1086737.17	678.07
P	1993474.68	1086728.06	678.23
Q	1993482.61	1086728.07	(678.87)
R	1993449.35	1086721.04	(677.67)
S	1993470.65	1086707.35	678.99
T	1993462.65	1086707.38	678.85

W. DUNDEE RD. (IL-68)



W. DUNDEE RD. (IL-68)

POINT	NORTHING	EASTING	ELEVATION
A	1993488.92	1086807.01	(678.93)
B	1993479.19	1086807.02	678.30
C	1993479.19	1086802.02	678.22
D	1993481.04	1086797.91	(678.31)
E	1993481.04	1086796.37	(677.96)
F	1993475.59	1086798.33	678.17
G	1993471.14	1086797.87	678.02
H	1093471.12	1086799.46	678.05
I	1993471.04	1086807.06	678.08
J	1993455.11	1086812.51	677.87
K	1993453.35	1086812.56	(677.43)
L	1993448.33	1086843.36	(677.79)
M	1993450.99	1086843.51	678.07
N	1993456.51	1086812.24	678.00
O	1993463.47	1086818.52	678.11
P	1993470.87	1086818.83	(678.44)
Q	1993470.99	1086842.01	678.11
R	1993479.15	1086812.07	678.22
S	1993488.92	1086812.07	(679.02)
T	1993448.41	1086819.98	(677.50)

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
SW	SIDEWALK		DEPRESSED CURB & GUTTER
L.L.	LEVEL LANDING		PROPOSED BRICK PAVER
C.R.	CURB RAMP		PROPOSED CONCRETE
T.P.	TRANSITION PANEL		
( )	EXISTING ELEVATION/SLOPE		
C.A.	CLEAR AREA		

FILE NAME: pw:\dbsterlin-pw.bentley.com:dbsterlin-pw01\Documents\Projects\PTB 209+177\task-4068000 CADD Drawings\603 Civil\W. Dundee Rd\Sheets\62F86_sht_39_ADA 16C.dgn

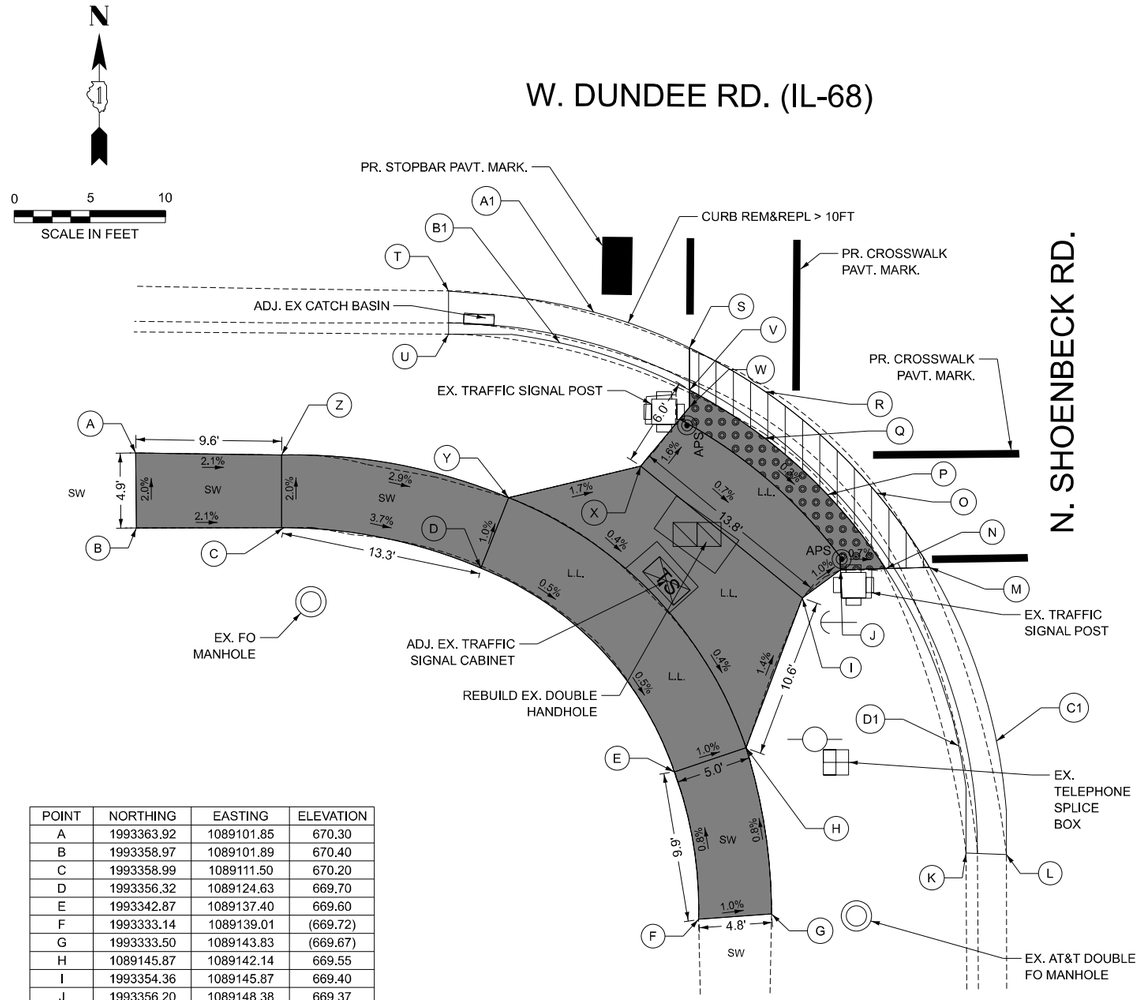
DBS	DB STERLIN CONSULTANTS, INC. 123 N. Wacker Drive, Suite 2000 Chicago, Illinois 60606 312.857.1006	USER NAME = $USER$	DESIGNED - SMM	REVISED -	
		PLOT SCALE = 10.000 ' / in.	DRAWN - DS	REVISED -	
		PLOT DATE = $DATE$	CHECKED - DC	REVISED -	
		PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -	

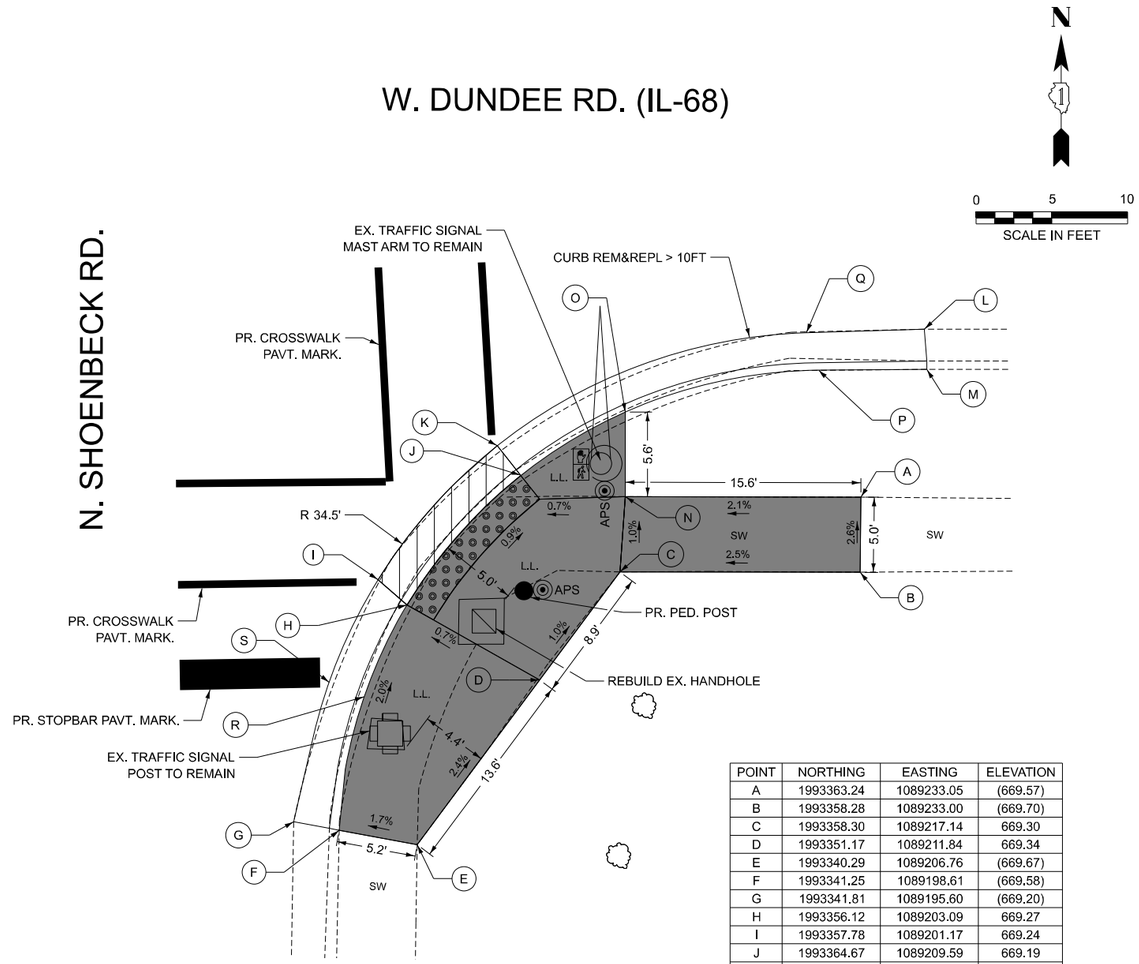
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK PLAN
DUNDEE RD (IL-68) – NW & NE CORNER HUNTINGTON / LAKE

SCALE: 1" = 5' | SHEET 15 OF 17 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	39
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	





POINT	NORTHING	EASTING	ELEVATION
A	1993363.92	1089101.85	670.30
B	1993358.97	1089101.89	670.40
C	1993358.99	1089111.50	670.20
D	1993356.32	1089124.63	669.70
E	1993342.87	1089137.40	669.60
F	1993333.14	1089139.01	(669.72)
G	1993333.50	1089143.83	(669.67)
H	1089145.87	1089142.14	669.55
I	1993354.36	1089145.87	669.40
J	1993356.20	1089148.38	669.37
K	1993337.53	1089156.67	(669.72)
L	1993337.42	1089159.33	(669.34)
M	1993356.29	1089151.36	669.32
N	1993356.20	1089148.38	669.35
O	1993361.28	1089150.77	669.34
P	1993361.18	1089147.51	669.37
Q	1993364.90	1089143.39	669.39
R	1993367.98	1089143.40	669.36
S	1993370.86	1089138.42	669.38
T	1993374.62	1089122.51	(669.74)
U	1993371.78	1089122.50	(669.97)
V	1993368.08	1089138.40	669.41
W	1993366.94	1089138.40	669.42
X	1993363.06	1089135.19	669.50
Y	1993360.97	1089126.46	699.65
Z	1993363.80	1089111.49	670.10
A1	1993373.41	1089131.34	669.53
B1	1993370.69	1089131.84	669.65
C1	1993346.38	1089158.34	669.32
D1	1993345.18	1089156.06	669.48

POINT	NORTHING	EASTING	ELEVATION
A	1993363.24	1089233.05	(669.57)
B	1993358.28	1089233.00	(669.70)
C	1993358.30	1089217.14	669.30
D	1993351.17	1089211.84	669.34
E	1993340.29	1089206.76	(669.67)
F	1993341.25	1089198.61	(669.58)
G	1993341.81	1089195.60	(669.20)
H	1993356.12	1089203.09	669.27
I	1993357.78	1089201.17	669.24
J	1993364.67	1089209.59	669.19
K	1993366.63	1089209.04	(669.16)
L	1993374.34	1089237.23	(669.14)
M	1993371.67	1083237.40	(669.48)
N	1993363.27	1089217.49	669.25
O	1993368.85	1089217.49	669.17
P	1993371.62	1089230.25	669.23
Q	1993376.10	1089229.39	669.15
R	1993349.17	1089199.96	669.35
S	1993349.68	1089197.50	669.18

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

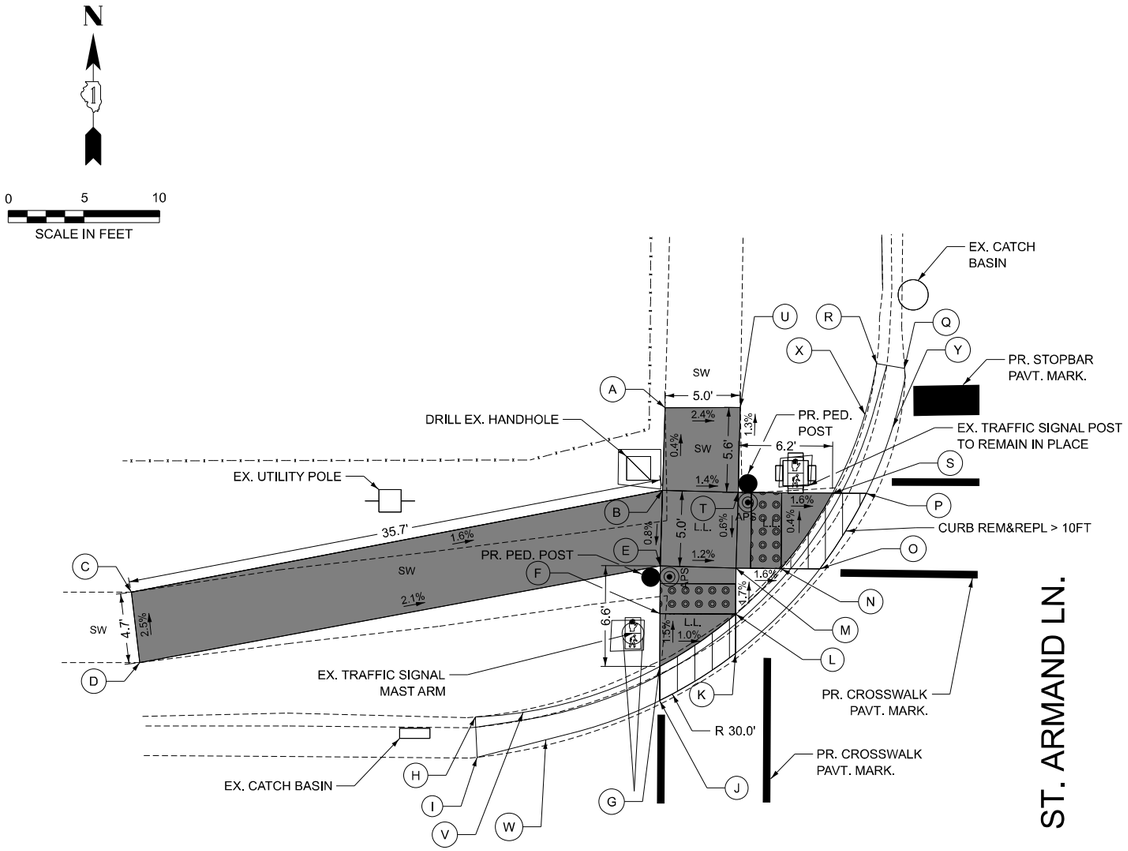
LEGEND

xx.xx'	EXISTING LENGTH
	PROPOSED SIDE CURB
SW	SIDEWALK
L.L.	LEVEL LANDING
C.R.	CURB RAMP
T.P.	TRANSITION PANEL
( )	EXISTING ELEVATION/SLOPE
C.A.	CLEAR AREA
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	DEPRESSED CURB & GUTTER
	PROPOSED BRICK PAVER
	PROPOSED CONCRETE

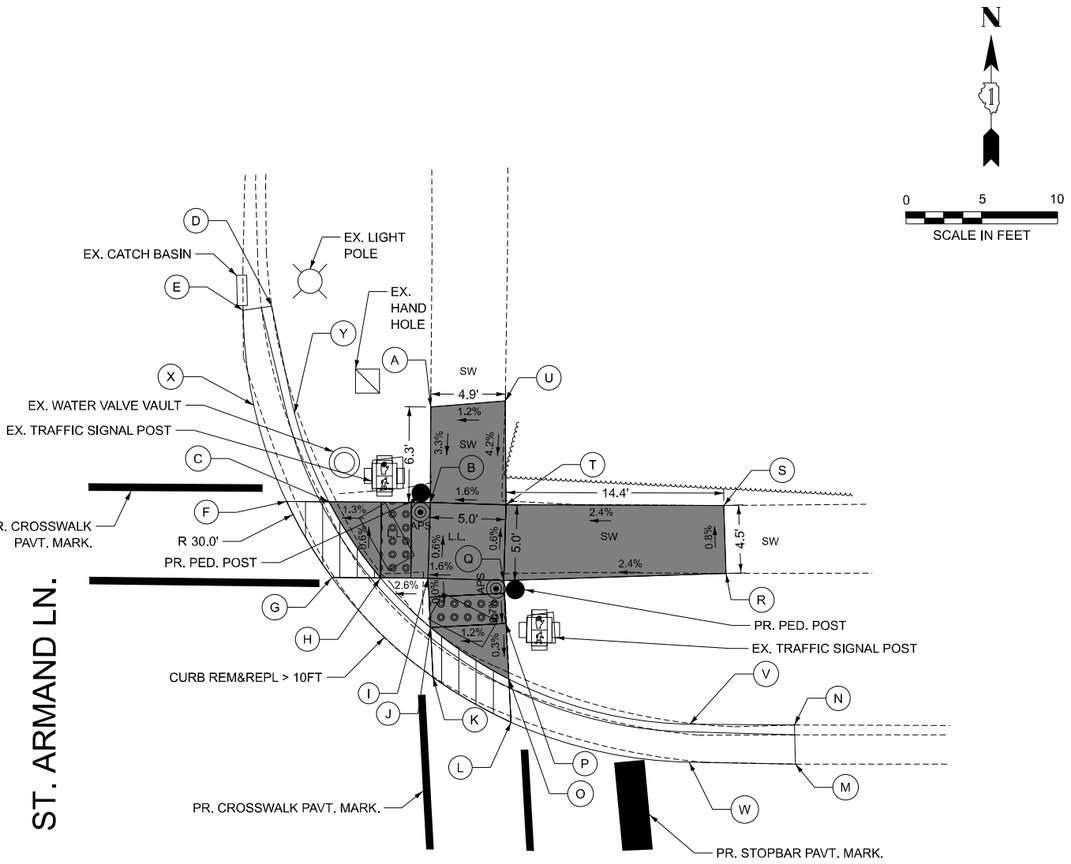
DBS | DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME = $USER$	DESIGNED - SMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SIDEWALK PLAN	F.A.P. RTE: 343
PLOT SCALE = 10.000 ' / In.	DRAWN - DS	REVISED -		DUNDEE RD (IL-68) – SW & SE CORNER ST. ARMAND / SCHOENBECK	SECTION: 2017-051RS
PLOT DATE = $DATE$	CHECKED - DC	REVISED -			COUNTY: COOK
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -		SCALE: 1" = 5' SHEET 16 OF 17 SHEETS	TOTAL SHEETS: 86
					SHEET NO.: 40
					CONTRACT NO. 62F86
					ILLINOIS FED. AID PROJECT

FILE NAME: pw://dotsterlin-pw.bentley.com:dotsterlin-pw-01/Documents/Projects/PTB 205/0177/Task 008/600 CADD Drawings/603 Civil/W. Dundee Rd/Sheets/62F86_sht_09_ADA 7A.dgn



POINT	NORTHING	EASTING	ELEVATION
A	1993462.10	1089139.14	(669.33)
B	1993456.66	1089138.98	669.35
C	1993449.93	1089103.91	(669.91)
D	1993445.28	1089104.47	(670.03)
E	1993451.66	1089138.83	669.31
F	1993448.50	1089138.81	669.35
G	1993445.02	1089138.79	669.41
H	1993441.69	1089126.63	(669.79)
I	1993439.03	1089126.73	(669.68)
J	1993442.77	1089138.78	669.38
K	1993445.89	1089143.80	669.27
L	1993448.48	1089143.81	669.30
M	1993451.51	1089143.82	669.25
N	1993451.49	1089146.80	669.20
O	1993451.46	1089149.35	669.17
P	1993456.44	1089152.43	669.15
Q	1993464.70	1089154.95	(668.72)
R	1993465.01	1089153.12	(669.13)
S	1993456.46	1089150.19	669.18
T	1993456.51	1089143.98	669.28
U	1993462.15	1089144.11	(669.21)
V	1993442.03	1089129.97	669.68
W	1993439.87	1089130.06	669.59
X	1993460.64	1089152.01	669.14
Y	1993460.21	1089153.98	668.85



POINT	NORTHING	EASTING	ELEVATION
A	1993462.37	1089198.34	(669.23)
B	1993456.06	1089198.31	669.02
C	1993456.11	1089191.62	668.93
D	1993469.02	1089187.84	(669.04)
E	1993468.73	1089183.95	(668.65)
F	1993456,13	1089188,81	(668,90)
G	1993451.11	1089191.81	(668.94)
H	1993451.08	1089195.02	668.97
I	1993451.06	1089198.16	669.05
J	1993447.81	1089198.33	669.05
K	1993444.52	1089198.50	(669.02)
L	1993441.56	1089203.64	(669.07)
M	1993438.80	1089222.40	(669.16)
N	1993441.37	1089222.34	(669.32)
O	1993444.40	1089203.49	669.10
P	1993448.07	1089203.30	669.11
Q	1993450.91	1089203.15	669.13
R	1993451.38	1089217.83	(669.48)
S	1993455.86	1089217.68	(669.44)
T	1993455.91	1089203.30	669.10
U	1993462.77	1089203.27	(669.29)
V	1993441.43	1089215.44	669.23
W	1993438.93	1089215.39	669.12
X	1993462.20	1089186.71	668.76
Y	1993462.20	1089189.28	668.87

NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
2. PROPOSED RAMPS MUST MEET ADA/PROWAG STANDARDS.
3. ALL PEDESTRIAN PUSH-BUTTON LOCATION SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
4. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
5. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION.
6. A PEDESTRIAN PUSH-BUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSH-BUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
7. IF PEDESTRIAN PUSH-BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN COST OF THE PAY ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT".

LEGEND

XX.XX'	EXISTING LENGTH
	PROPOSED SIDE CURB
SW	SIDEWALK
L.L.	LEVEL LANDING
C.R.	CURB RAMP
T.P.	TRANSITION PANEL
( )	EXISTING ELEVATION/SLOPE
C.A.	CLEAR AREA
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	DEPRESSED CURB & GUTTER
	PROPOSED BRICK PAVER
	PROPOSED CONCRETE

DBS | DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 10.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK PLAN
DUNDEE RD (IL–68) – NW & NE CORNER ST. ARMAND / SCHOENBECK

SCALE: 1" = 5' | SHEET 17 OF 17 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	41
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw://dbsterlin-pw.bentley.com:dbsterlin-pw01/Documents/Projects/PTB 203+017/Task 4/06/600 CADD Drawings/600 Civil/W. Dundee Rd/Sheets/62F86_ph1_40_ADA TB.dgn

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	CC	CC
MASTER CONTROLLER	MC	MC
MASTER MASTER CONTROLLER	MMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND		
DOUBLE HANDHOLE		
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET		
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P P	P P
SAMPLING (SYSTEM) DETECTOR	S S	S S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS IS	IS IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS QS	QS QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	P	P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	P RB	P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

FILE NAME: pw://dbsterlin-pw.bentley.com:dbsterlin-pw-01/Documents/Projects/PTB 209-017/Task 008/800 CADD Drawings/809 Electrical/W. Dundee Rd/62F86_sht_TS 16A.dgn

DBS | DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME = $USER$	DESIGNED - SMM	REVISED -
PLOT SCALE = 40.000 ' / In.	DRAWN - DS	REVISED -
PLOT DATE = $DATE$	CHECKED - DC	REVISED -
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 7 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	42
	TS-05	CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

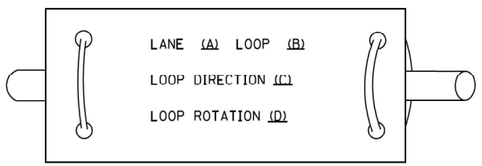
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

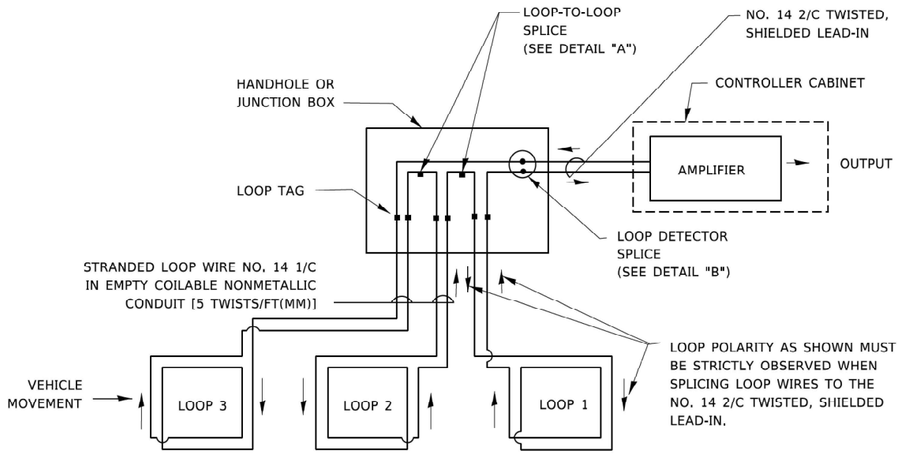


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

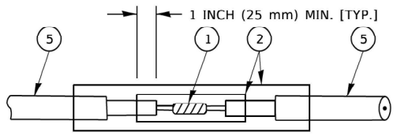
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

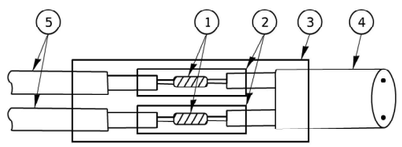


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

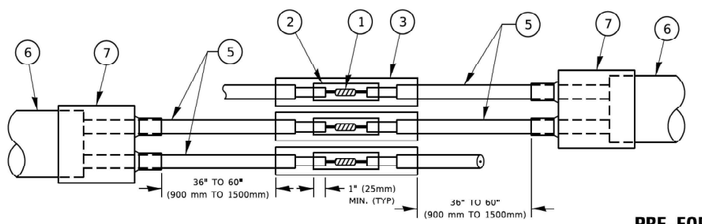


DETAIL "A"
LOOP-TO-LOOP SPLICE



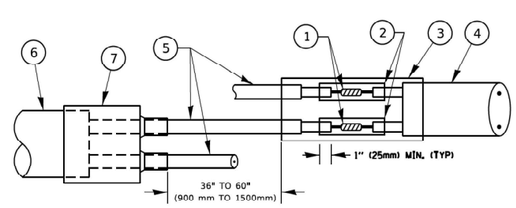
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED. SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP

(6) XL POLYOLEFIN 2 CONDUCTOR

(7) BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

DBS STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

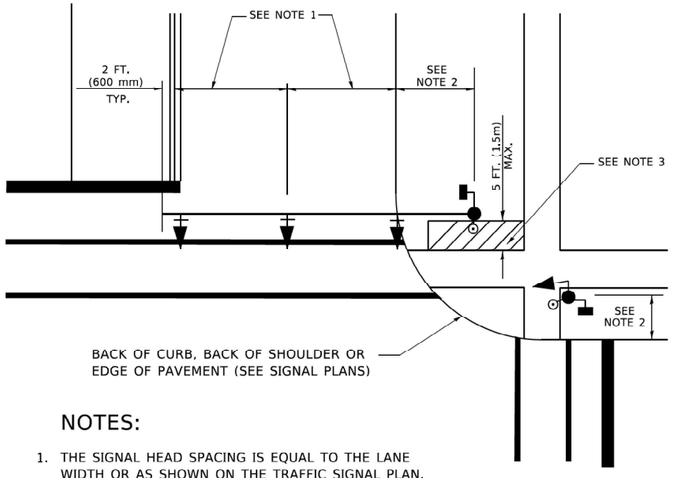
USER NAME = $USER$	DESIGNED - SMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
PLOT SCALE = 40.000 ' / In.	DRAWN - DS	REVISED -		
PLOT DATE = $DATE$	CHECKED - DC	REVISED -		
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -		SCALE: NONE SHEET 2 OF 7 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	43
	TS-05	CONTRACT NO. 62F86		
		ILLINOIS FED. AID PROJECT		

FILE NAME: pw:\\bbsterlin-pw.bentley.com:bbsterlin-pw-01\Documents\Projects\PTB 209-017\Task-009\00 CADD Drawings\609 Electrical\W. Burridge Rd\62F86_sht_TS 1653.dgn

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

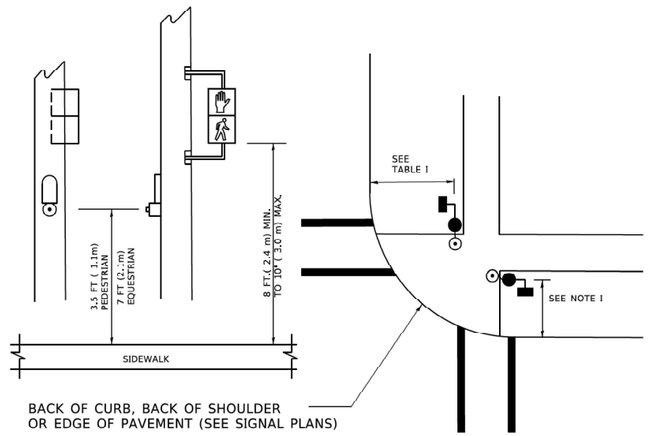
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

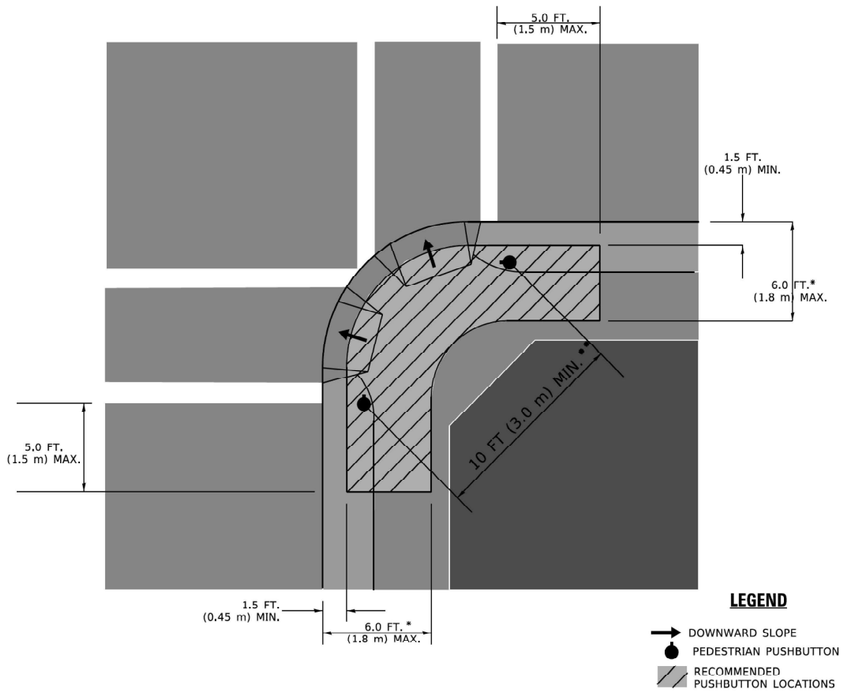
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

DBS DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 40.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

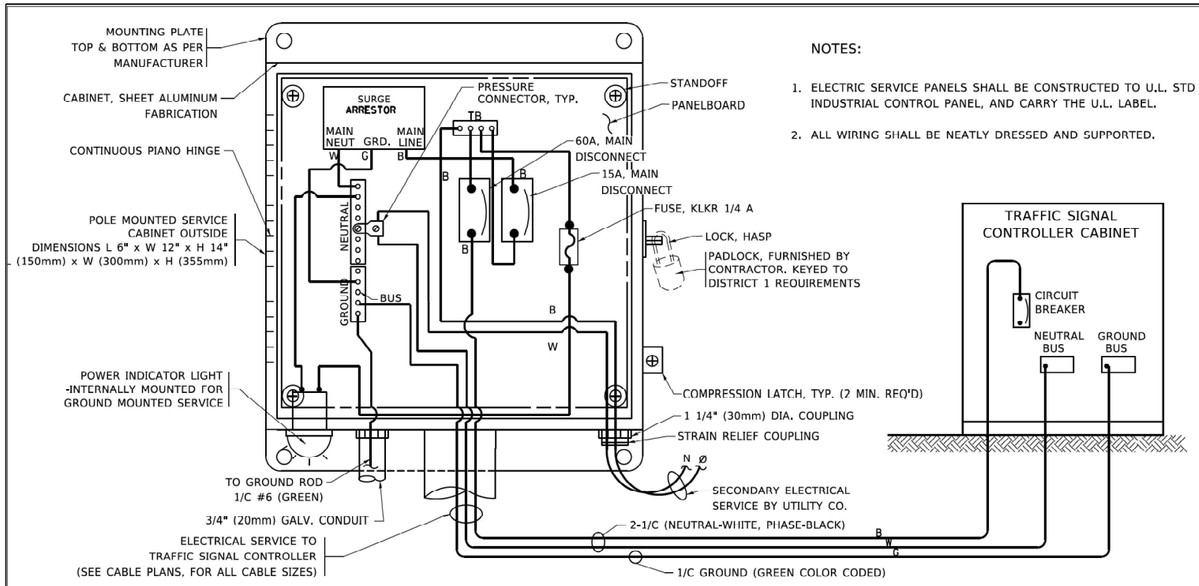
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 3 OF 7 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	44
	TS-05	CONTRACT NO. 62F86		
	ILLINOIS | FED. AID PROJECT			

FILE NAME: pw:\\dbsterlin-pw.bentley.com:dbsterlin-pw-01\Documents\Projects\PTB 209-017\Task-009\900 CAD\ Drawings\903 Electrical\W. Dundee Rd\62F86_ent_TS 852.dgn



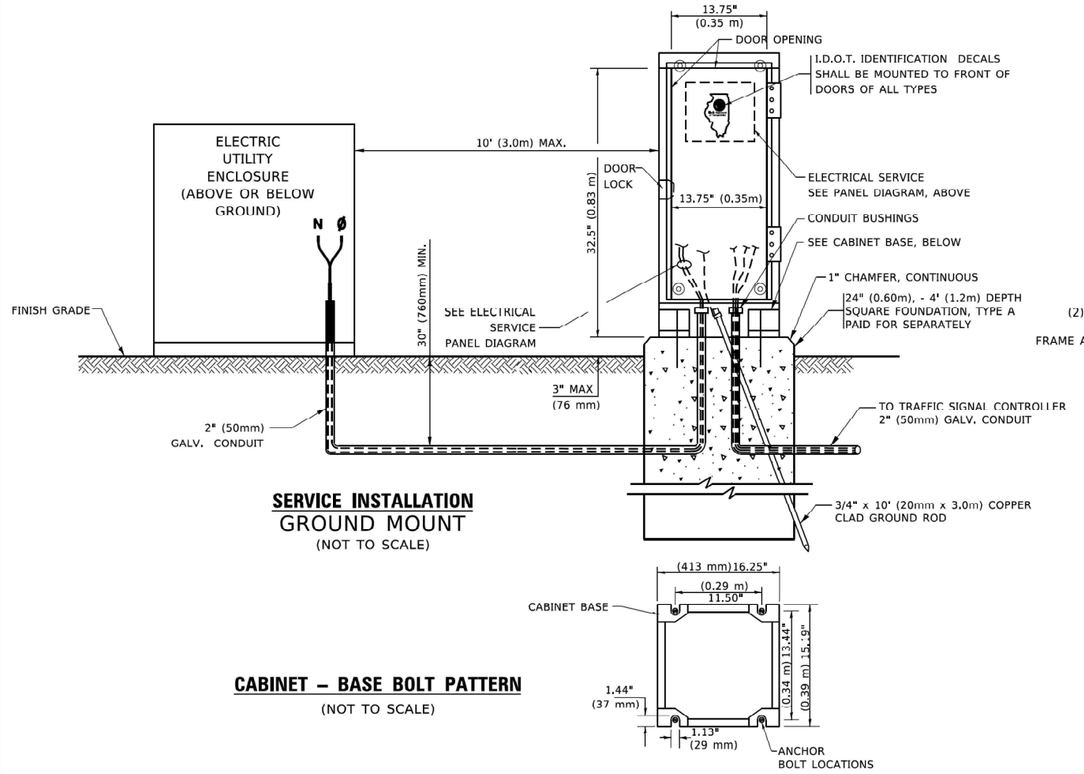
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)

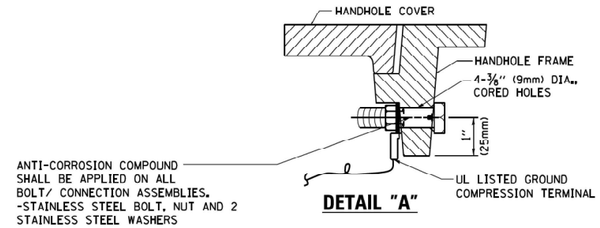


SERVICE INSTALLATION
GROUND MOUNT

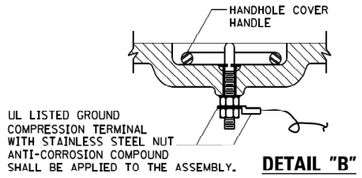
(NOT TO SCALE)

CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



DETAIL "A"

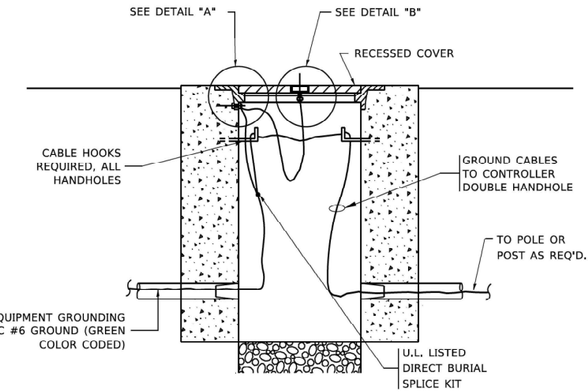


DETAIL "B"

NOTES:

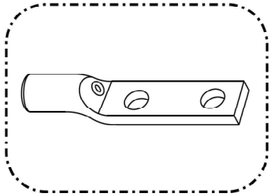
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC,). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)

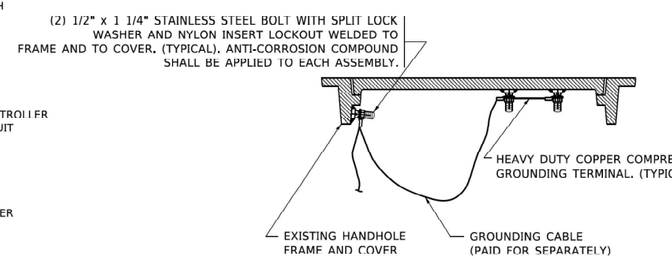


HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)

¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

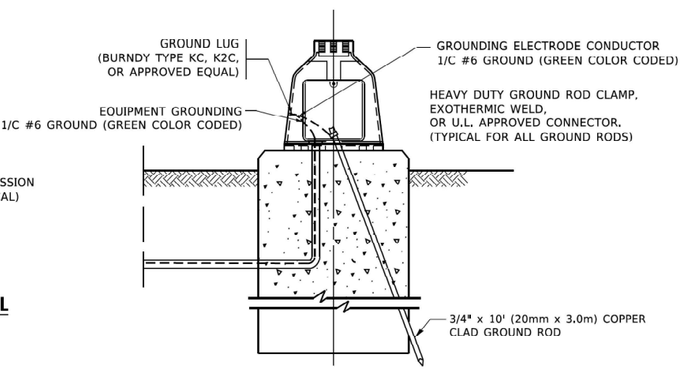
NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



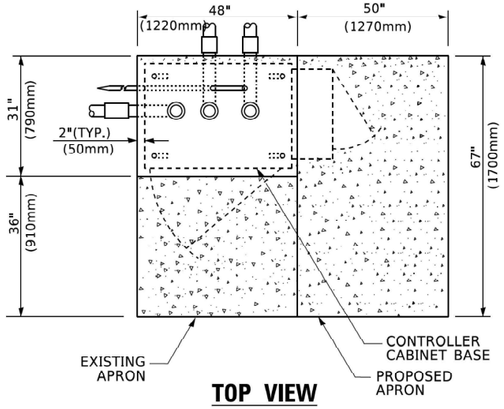
EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)

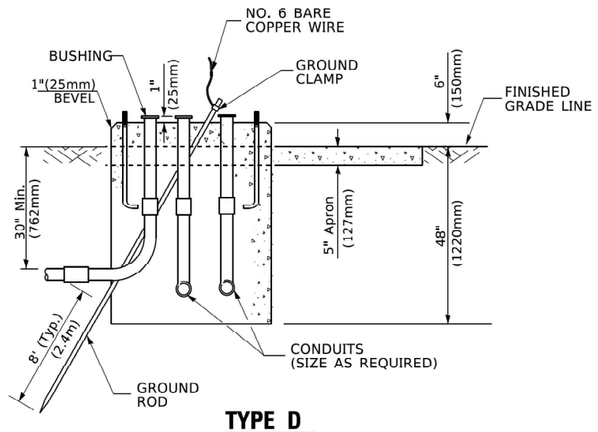


MAST ARM POLE /POST–GROUNDING DETAIL

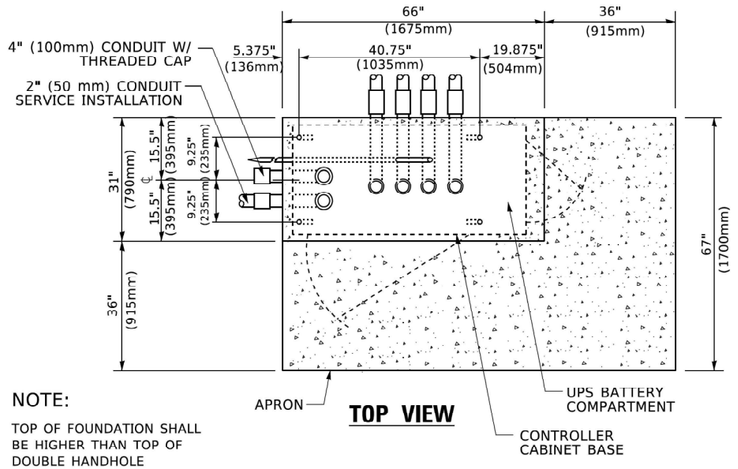
(NOT TO SCALE)



TOP VIEW



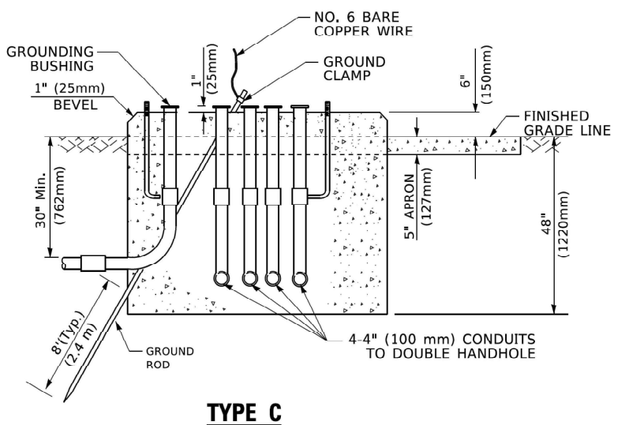
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



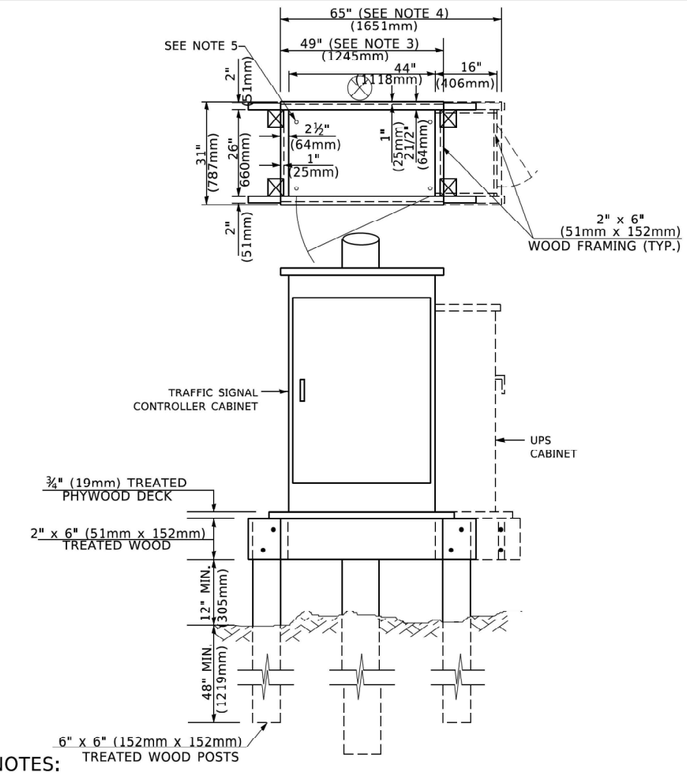
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+l
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

FILE NAME: pw:\\dbsterlin-pw.bentley.com:dbsterlin-pw-01\Documents\Projects\PTB 209-017\Task-008\000 CADD Drawings\903 Electrical\W. Dundee Rd\62F86_sht_TS 165.dgn

DBS | DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

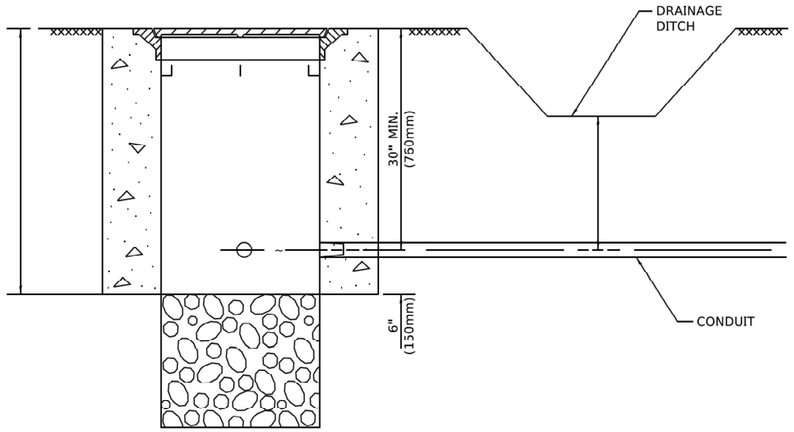
USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 40.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 5 OF 7 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	46
	TS-05	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

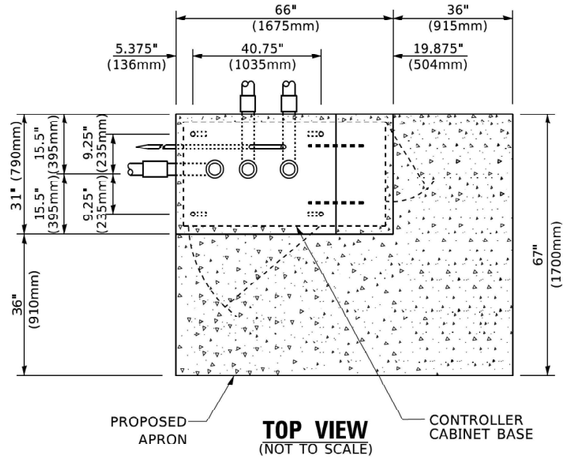


NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

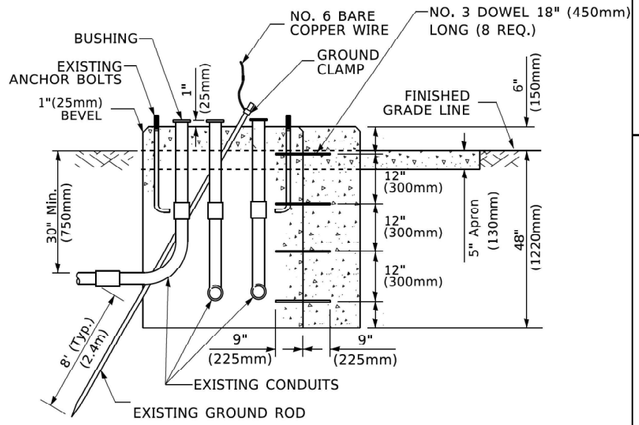
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



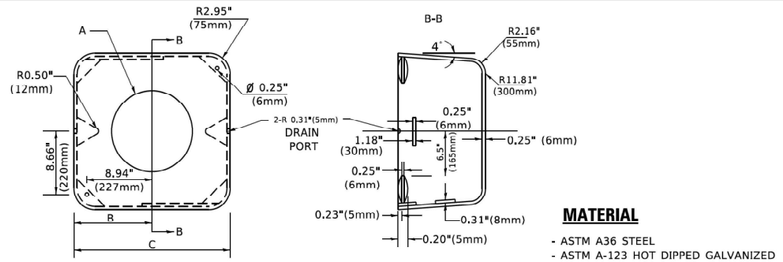
TOP VIEW

(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)



MATERIAL

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

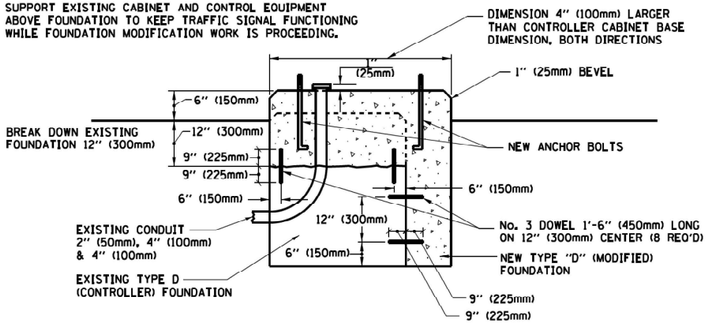
SHROUD

NOTES:

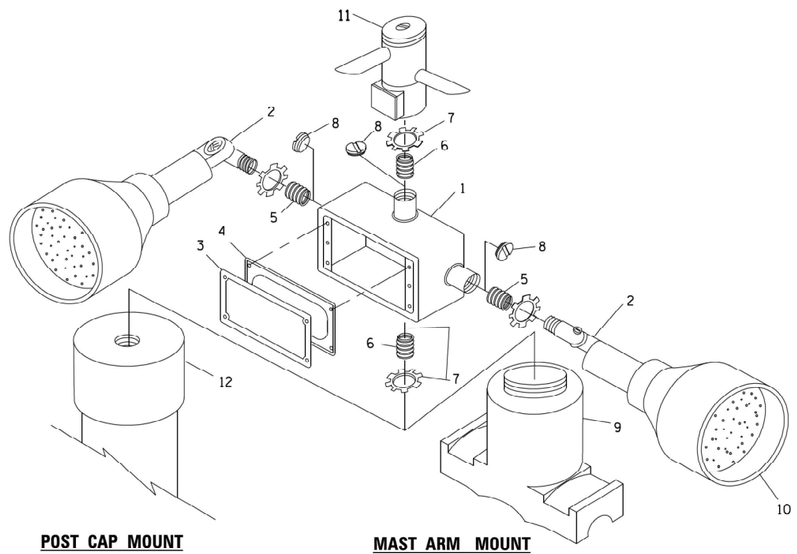
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



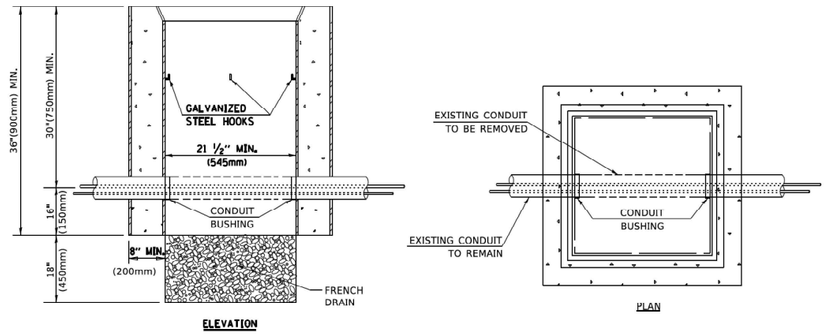
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX GALV. 21 CU.IN. (0.000344 CU M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

DBS STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 40.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

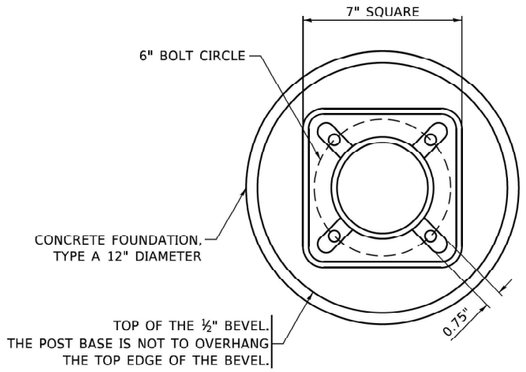
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 6 OF 7 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	47
	TS-05	CONTRACT NO. 62F86		
		ILLINOIS FED. AID PROJECT		

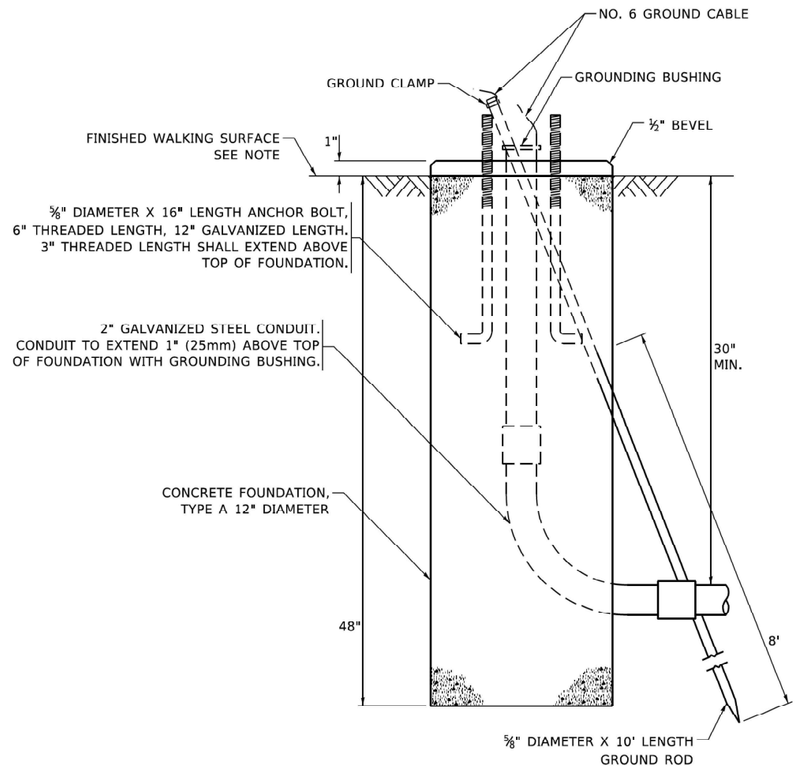
FILE NAME: pw:\\dbsterlin-pw.bentley.com:dbsterlin-pw-01\Documents\Projects\PTB 209-017\Task-008\800 CADD Drawings\900 Electrical\W. Du\dgn Rd\62F86_sht_TS 65°.dgn



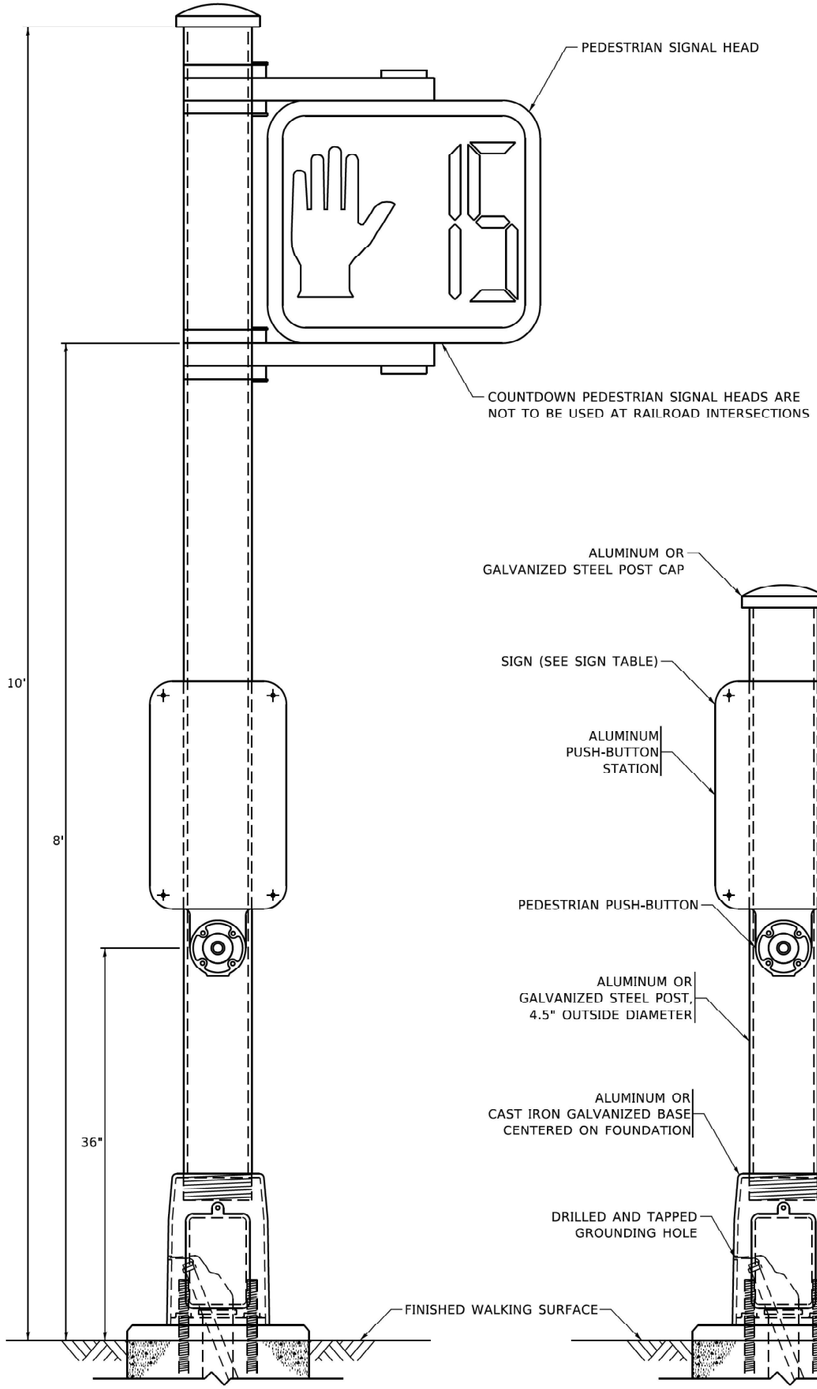
BOLT PATTERN

NOTE:

1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12–INCH DIAMETER

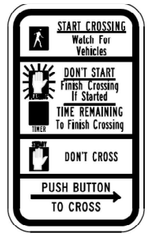


PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.

R10–3b

R10–3d



R10–3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

DBS STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 40.000 ' / In.	DRAWN	- DS	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- DC	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

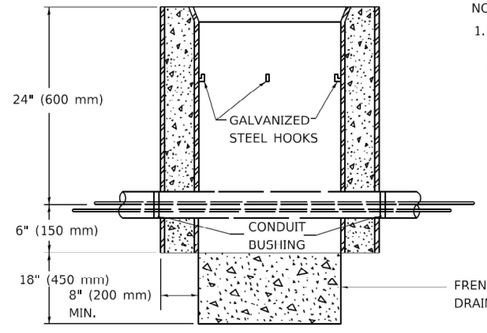
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET 7 OF 7 SHEETS

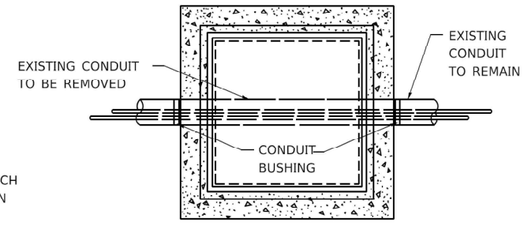
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	48
	TS–05	CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw://dbsterlin-pw.bentley.com:dbsterlin-pw-01/Documents/Projects/PTB 209-017/Task-006/630 CADD Drawings/803 Electrical/W. Dundee Rd/62F86_sht_TS 853.dgn



NOTES:

1. REMOVAL OF EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHING SHALL BE INCIDENTAL TO THE HANDHOLE.



ELEVATION **PLAN**

DETAIL

HANDHOLE TO INTERCEPT EXISTING CONDUIT

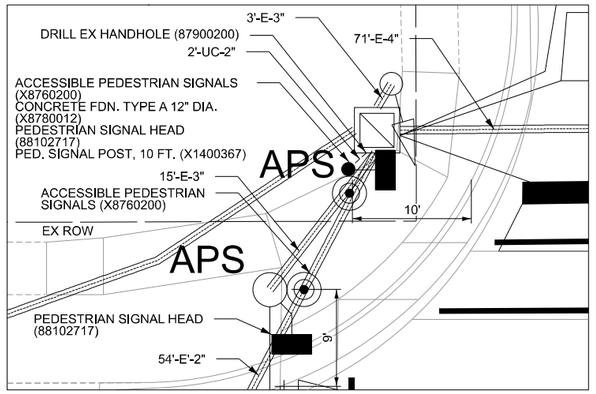
FILE NAME: pw://dbsterlin-pw.bentley.com:dbsterlin-pw-01/Documents/Projects/PTB 209-017/Task-009/000 CADD Drawings/003 Electrical/W_Durable Rd/62F86_prt_TS 93.dgn

DBS DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME = $USER$	DESIGNED - SMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HANDHOLE TO INTERCEPT EXISTING CONDUIT
PLOT SCALE = 40.000 ' / In.	DRAWN - DS	REVISED -		SCALE: NONE SHEET OF SHEETS
PLOT DATE = $DATE$	CHECKED - DC	REVISED -		
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -		

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	49
		CONTRACT NO. 62F86		
		ILLINOIS FED. AID PROJECT		

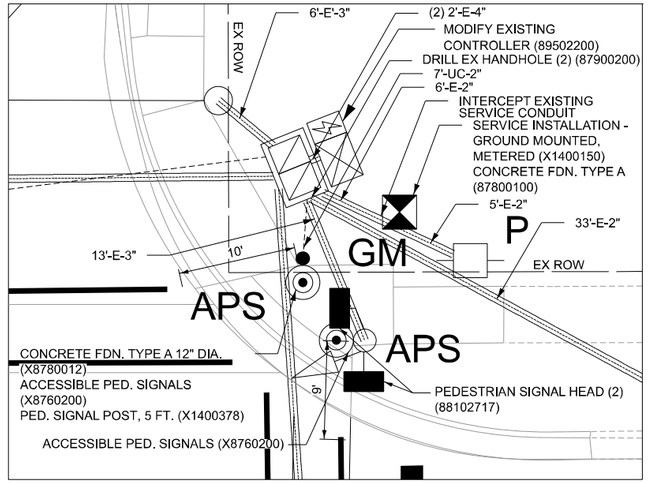
NORTHWEST CORNER



NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
3. ALL PUSH BUTTONS SHALL BE APS.
4. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.
5. EACH DETECTOR LOOP SHALL HAVE ITS 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
6. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
7. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

NORTHEAST CORNER



CONSTRUCTION NOTE:

AS-BUILT TRAFFIC SIGNAL PLANS ARE NOT AVAILABLE. LOCATIONS AND DIMENSIONS ARE APPROXIMATE. ENGINEER SHALL VERIFY THE LOCATION OF EQUIPMENT IN THE FIELD.

SOUTHWEST CORNER

SOUTHEAST CORNER

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
4	EACH	PEDESTRIAN SIGNAL

TS 3150
ECON 1

FILE NAME: pw://dbstelfile-nowJoinMsy.com:dbstelfile-now2-1\Documents\Projects\PTB 203\3177\Task4\006\100 CADD Drawings\006 Electrical\Sheets\62F29_sht_TsPln-DundeeRidge.dgn

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606 / 312-372-3011 (P)

USER NAME = $USER$	DESIGNED - EO	REVISED -	
PLOT SCALE = 40.00000000 ' / In.	DRAWN - EO	REVISED -	
PLOT DATE = $DATE$	CHECKED - SA	REVISED -	
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

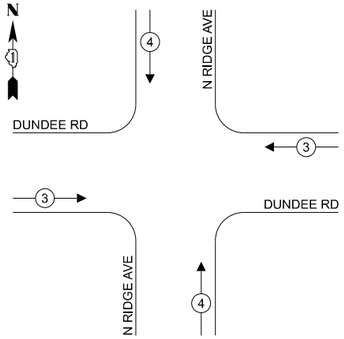
TRAFFIC SIGNAL MODERNIZATION PLAN
IL–68 (DUNDEE RD) & N RIDGE AVENUE

SCALE: 1" = 20' | SHEET OF SHEETS

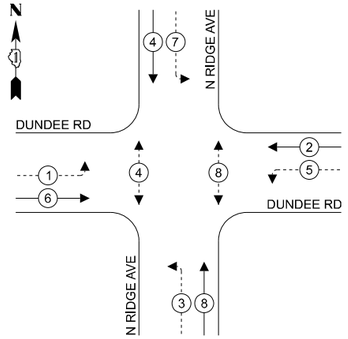
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	50
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	85
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	495
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	533
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	27
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	130
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
DETECTOR LOOP, TYPE 1	FOOT	938
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
HEAVY-DUTY HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	756
INDUCTIVE LOOP DETECTOR	EACH	4
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	25
REBUILD EXISTING HANDHOLE	EACH	3
REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	2

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



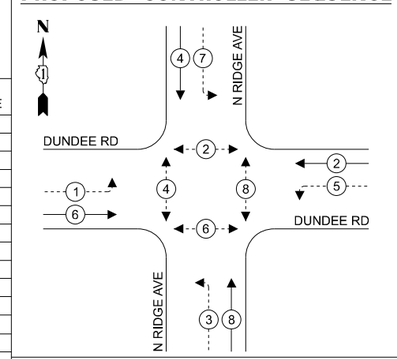
EXISTING CONTROLLER SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	2	11	22
4-SECTION	-	13	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLACK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			421
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1026

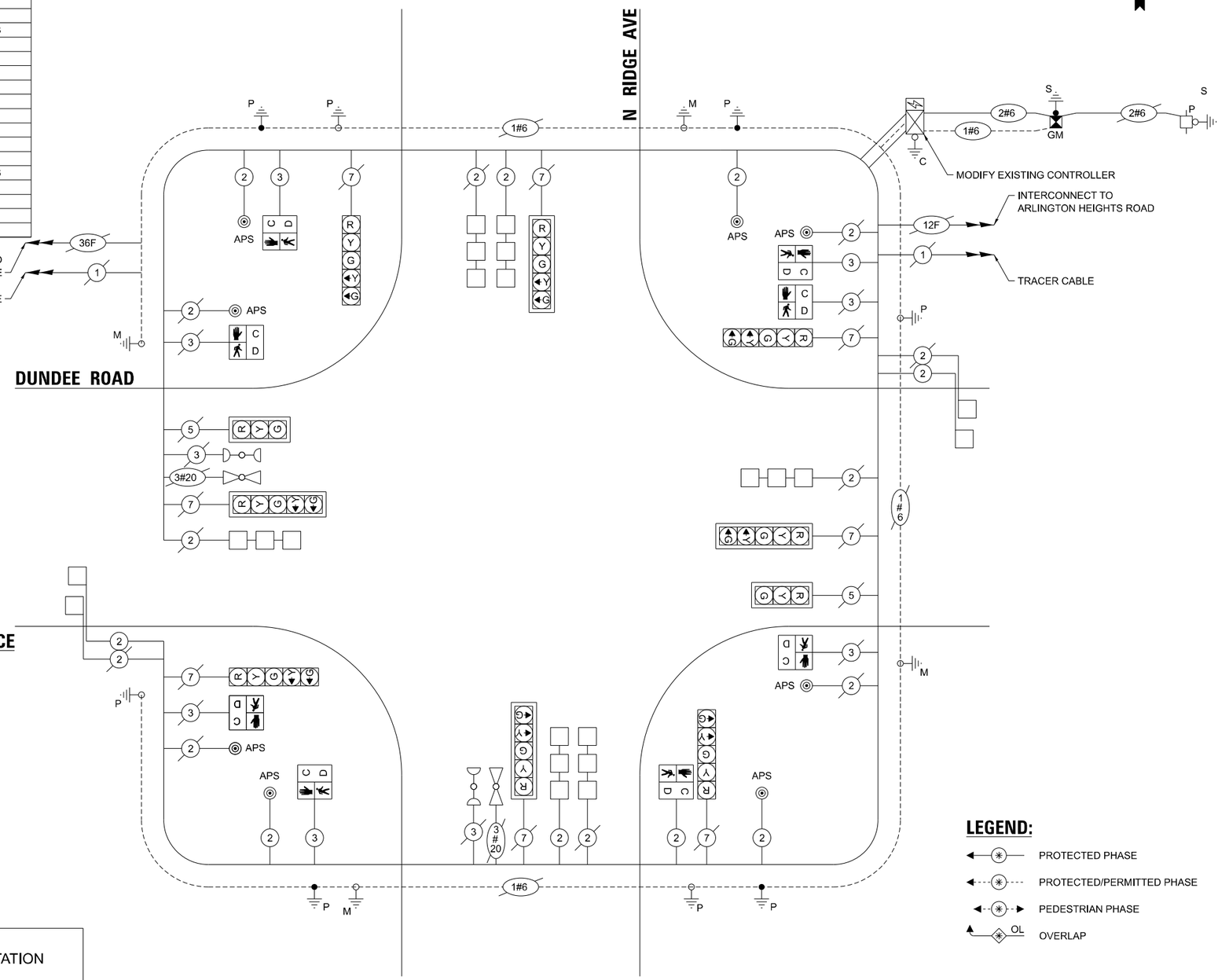
PROPOSED CONTROLLER SEQUENCE



ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER CR
SCHAUMBURG, ILLINOIS 60196

ENERGY SUPPLY: CONTACT: JAMES CAMPBELL
PHONE: 630-940-6805
COMPANY: COMED
ACCOUNT NUMBER: 5472055577



CABLE PLAN
(NOT TO SCALE)

TS 3150
ECON 1

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606 / 312-372-3011 (P)

USER NAME	= $USER$	DESIGNED	- EO	REVISED	-
PLOT SCALE	= 0.16666667 ' / In.	DRAWN	- EO	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- SA	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

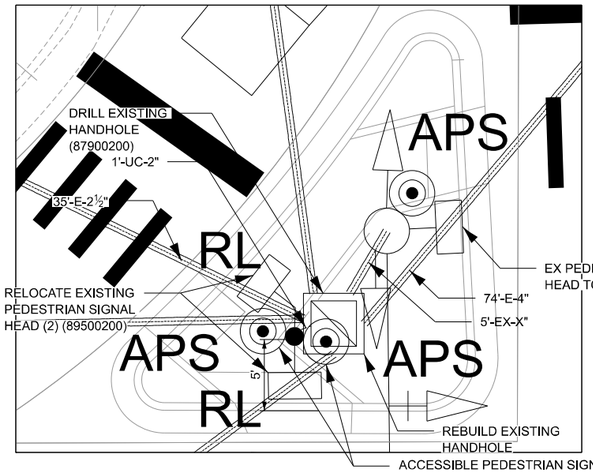
CABLE PLAN, PHASE DESIGNATION DIAGRAM, SCHEDULE OF QUANTITIES & EMERGENCY VEHICLE PREEMPTION SEQUENCE W DUNDEE RD & N RIDGE AVENUE

SCALE: NONE | SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	51
		CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

FILE NAME: pw:\\bsteffinow.bureau.illinois.gov:documents\Projects\PTB 209\017\task 4\068\600 CAD Drawings\606 Electrical\Sheets\62F26_sht_1Scable-DundeeRidge.dgn

NORTHWEST ISLAND



REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

6 EACH PEDESTRIAN PUSH-BUTTON
1 EACH SERVICE INSTALLATION - POLE MOUNTED

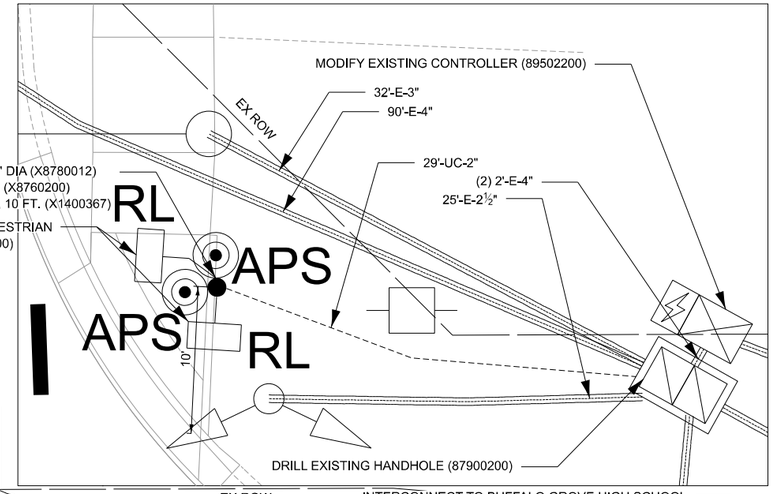
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL EQUIPMENT INDICATED IN THE PLANS.

6 EACH PEDESTRIAN SIGNAL HEAD

NOTES:

SEE SHEET 2 OF 2 FOR NOTES

NORTHEAST CORNER



SOUTHWEST ISLAND

SOUTHEAST CORNER

CONSTRUCTION NOTE:

AS-BUILT TRAFFIC SIGNAL PLANS ARE NOT AVAILABLE. LOCATIONS AND DIMENSIONS ARE APPROXIMATE. ENGINEER SHALL VERIFY THE LOCATION OF EQUIPMENT IN THE FIELD.

TS 3100
ECON 1

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606 / 312-372-3011 (P)

USER NAME	= $USER$	DESIGNED	- EO	REVISED	-
PLOT SCALE	= 40.00000000 ' / In.	DRAWN	- EO	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- SA	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

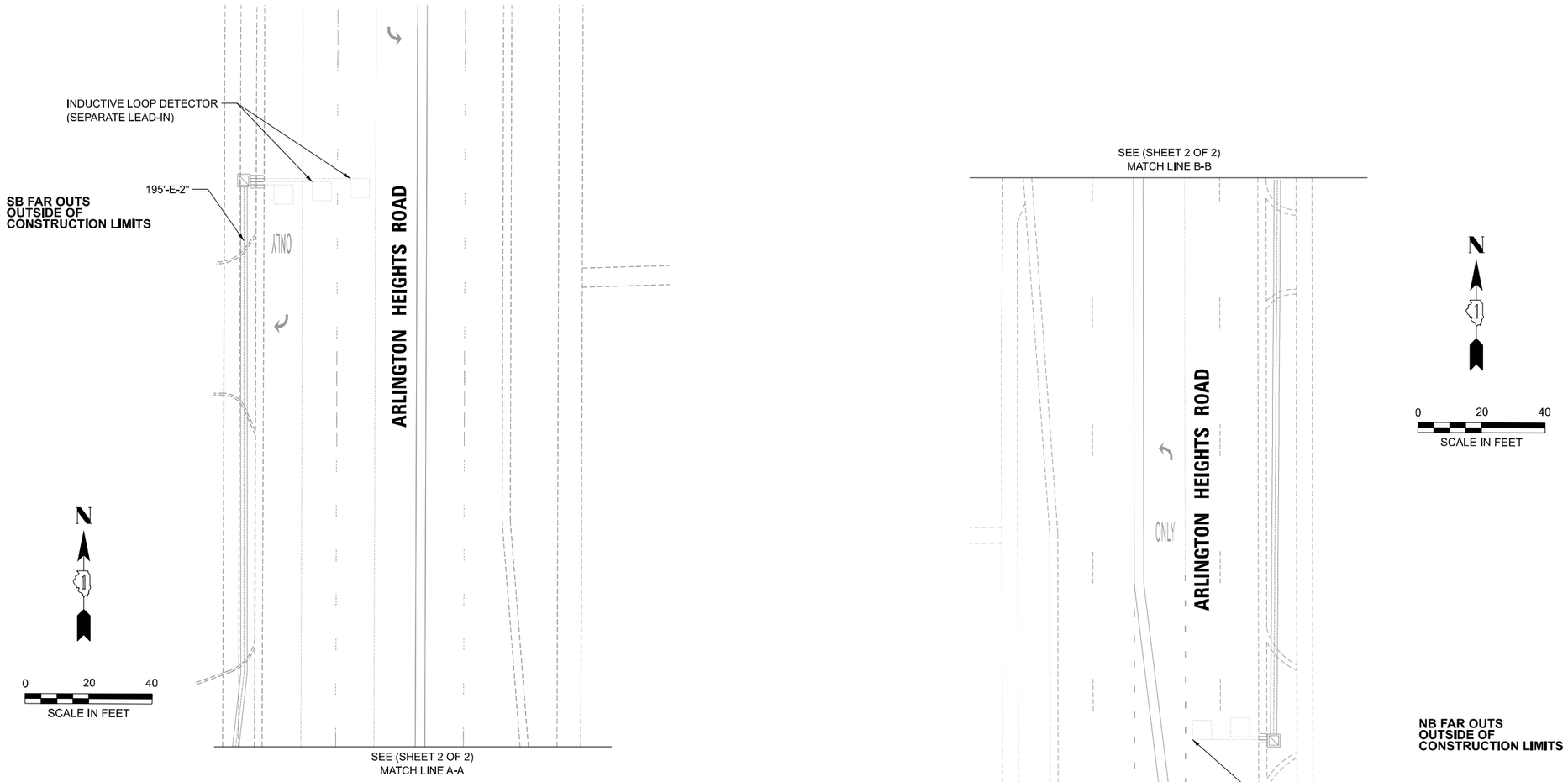
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 2)
IL–68 (DUNDEE RD) & ARLINGTON HEIGHTS RD

SCALE: 1" = 20' | SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	52
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\bbstellfnow.bentley.com:dbstellfnow-pw01\Documents\Projects\PTB 209\317\Task4068\800 CADD Drawings\606 Electrical\Sheets\62F29_pln_TsFin-Dundee\Arlington.dgn



NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.

2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

3. ALL PUSH BUTTONS SHALL BE APS.

4. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.

5. EACH DETECTOR LOOP SHALL HAVE ITS 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

6. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

7. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

TS 3100
ECON 1

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606 / 312-372-3011 (P)

USER NAME	= $USER$	DESIGNED	- EO	REVISED	-
PLOT SCALE	= 0.16666667 ' / in.	DRAWN	- EO	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- SA	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

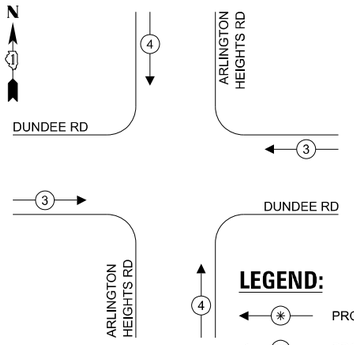
TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 2)
IL–68 (DUNDEE RD) & ARLINGTON HEIGHTS RD

SCALE: 1" = 20' | SHEET #### OF #### SHEETS

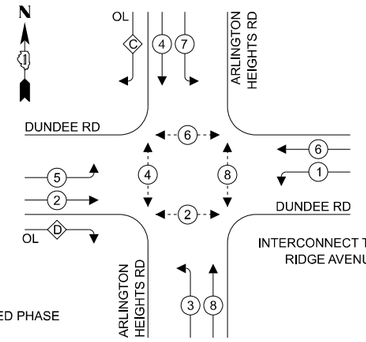
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	53
		CONTRACT NO. 62F86		
	ILLINOIS	FED. AID PROJECT		

FILE NAME: pw:\\dbstefin-pw.bentley.com:dbstefin-pw01\Documents\Projects\PTB 203\3177\task\008\600 CADD Drawings\606 Electrical\Sheets\62T20_pm_TsPln-Dundee\Arlington.dgn

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING CONTROLLER SEQUENCE

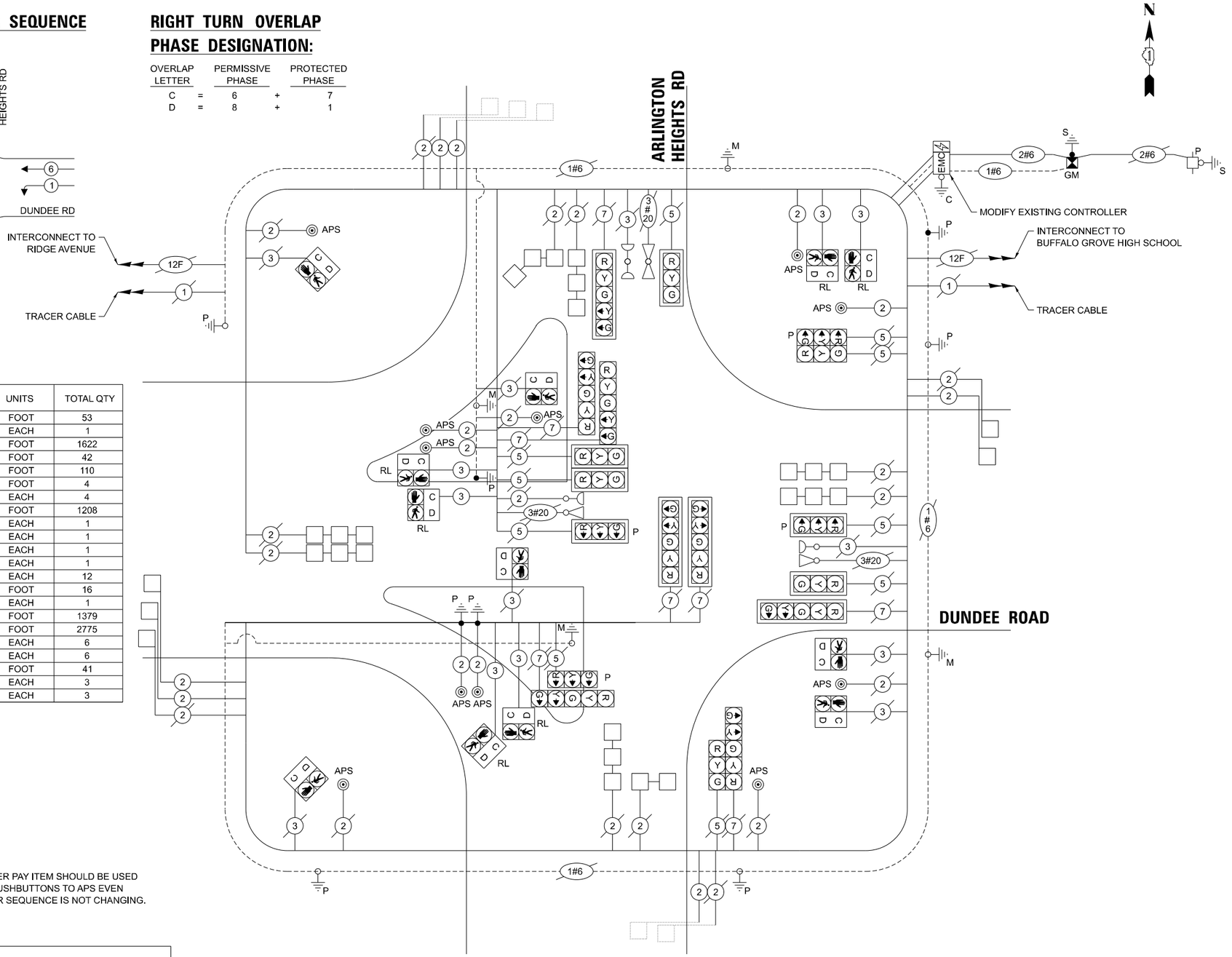


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
C	=	6	+	7
D	=	8	+	1



CABLE PLAN
(NOT TO SCALE)

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	53
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1622
ELECTRIC CABLE IN DONDUIT, SERVICE, NO. 6 2C	FOOT	42
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	110
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP, TYPE 1	FOOT	1208
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	12
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1379
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2775
INDUCTIVE LOOP DETECTOR	EACH	6
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	6
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	41
REBUILD EXISTING HANDHOLE	EACH	3
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	13	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	4	22	88
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	12	15	180
CONTROLLER	1	150	150
MASTER CONTROLLER	1	100	100
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLACK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			713
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1318

NOTES:

1. MODIFY EXISTING CONTROLLER PAY ITEM SHOULD BE USED WHEN SWITCHING DUAL CALL PUSHBUTTONS TO APS EVEN THOUGH EXISTING CONTROLLER SEQUENCE IS NOT CHANGING.

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER CR
SCHAUMBURG, ILLINOIS 60196

ENERGY SUPPLY: CONTACT: JAMES CAMPBELL
PHONE: 630-940-6805
COMPANY: COMED
ACCOUNT NUMBER: 7016200461

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60608 / 312-372-3011 (P)

USER NAME	= $USER$	DESIGNED	- EO	REVISED	-
PLOT SCALE	= 0.16666667 ' / in.	DRAWN	- EO	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- SA	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

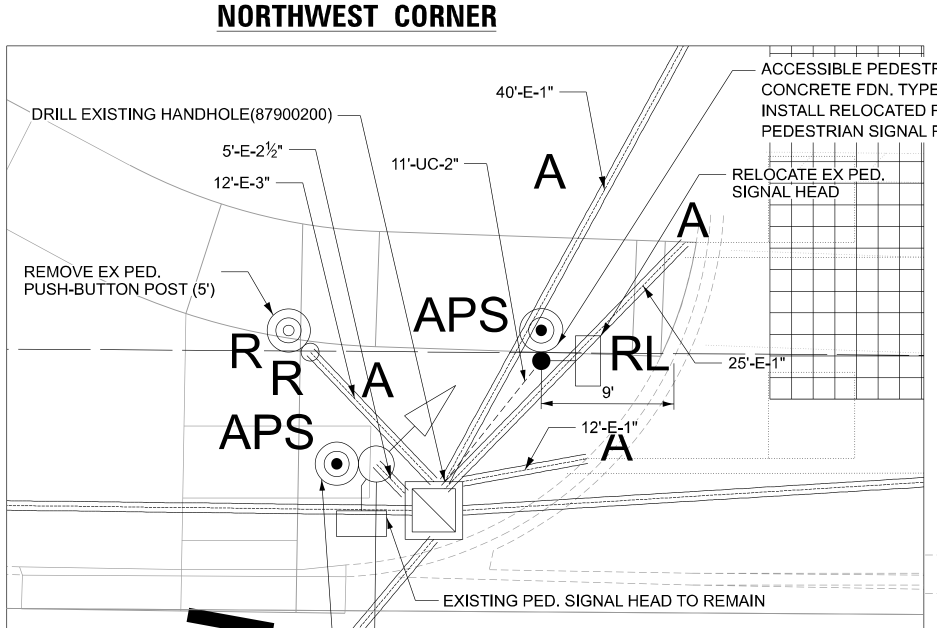
CABLE PLAN, PHASE DESIGNATION DIAGRAM, SCHEDULE OF QUANTITIES & EMERGENCY VEHICLE PREEMPTION SEQUENCE
DUNDEE RD & ARLINGTON HEIGHTS RD

SCALE: NONE | SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	54
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

TS 3100
ECON 1

FILE NAME: pw:\\bstellerfinow.bentley.com:dbstellerfinow01\Documents\Projects\PTB 203+017\Task+2008\600 CADD Drawings\606 Electrical\Sheets\62F2\0_pm_TSCable-DundeeArlington.dgn



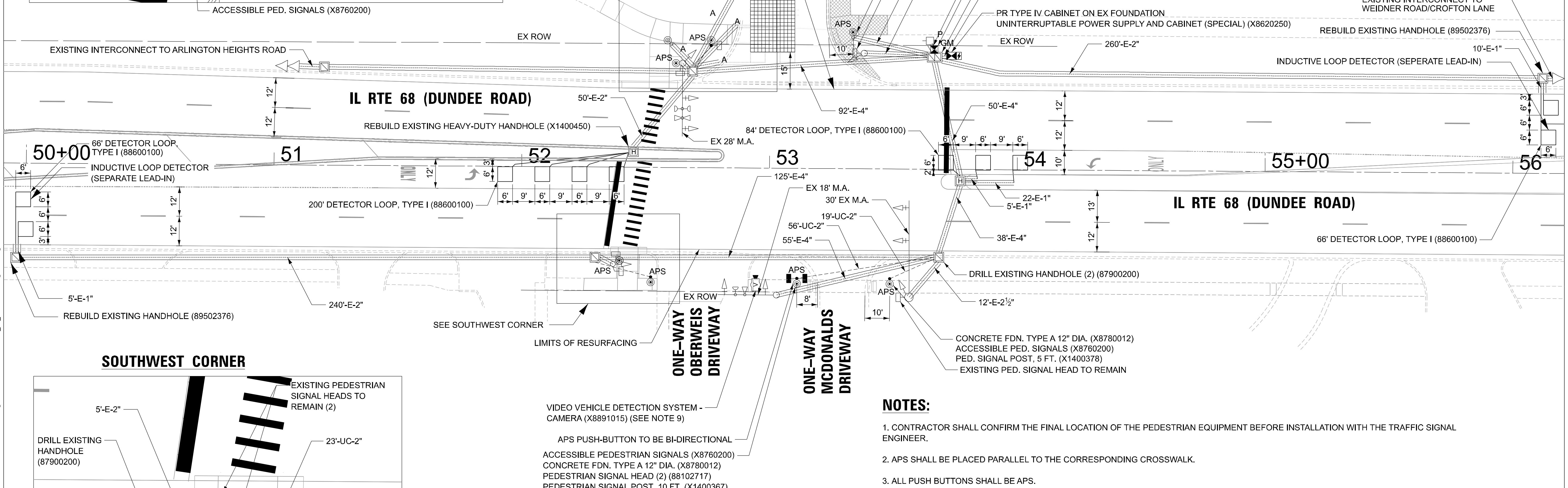
REMOVAL AND RELOCATION NOTES:

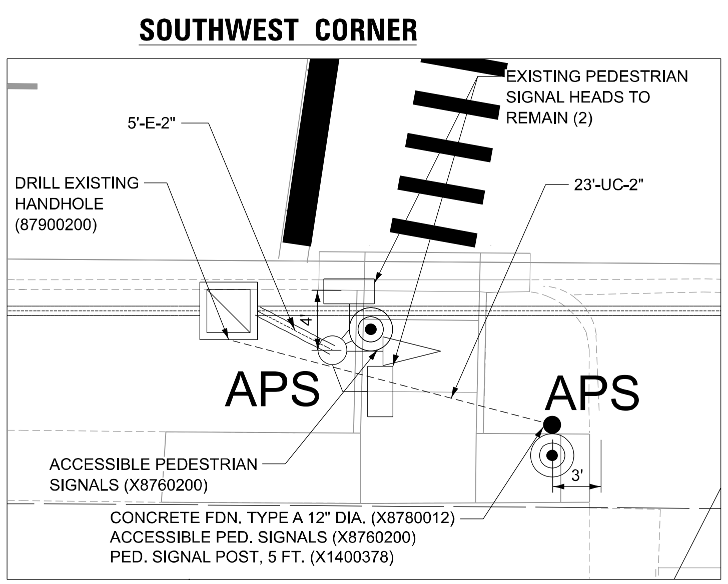
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	SERVICE INSTALLATION POLE MOUNTED
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	PEDESTRIAN SIGNAL POST

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED AS SHOWN.

1	EACH	PEDESTRIAN SIGNAL HEAD





NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.

2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

3. ALL PUSH BUTTONS SHALL BE APS.

4. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.

5. EACH DETECTOR LOOP SHALL HAVE ITS 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

6. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

7. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

8. EXISTING LOOPS ON BUFFALO GROVE HIGHSCHOOL DRIVEWAY SHALL BE ABANDONED AND REPLACED WITH VIDEO DETECTION AND LEAD-IN CABLE SHALL BE REMOVED.

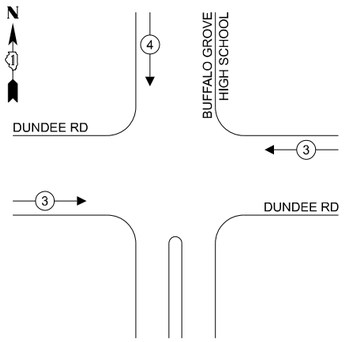
9. VIDEO DETECTION SYSTEMS SHALL BE MOUNTED ON RISER BRACKETS AT THE LENGTH DETERMINED BY THE MANUFACTURER. FINAL CAMERA LOCATION SHALL BE OPTIMAL TO MINIMIZE OCCLUSION BASED FALSE CALLS FROM TRAFFIC IN ADJACENT LANES.

TS 3112

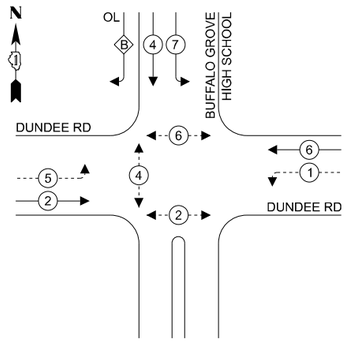
ECON 1

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	109
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1023
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	536
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	29
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	153
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
DETECTOR LOOP, TYPE 1	FOOT	416
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	815
INDUCTIVE LOOP DETECTOR	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	21
REBUILD EXISTING HANDHOLE	EACH	2
REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	1

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING CONTROLLER SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	4	11	44
4-SECTION	-	13	-
5-SECTION	6	13	78
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	1	20	20
BLACK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			437
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1042

LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

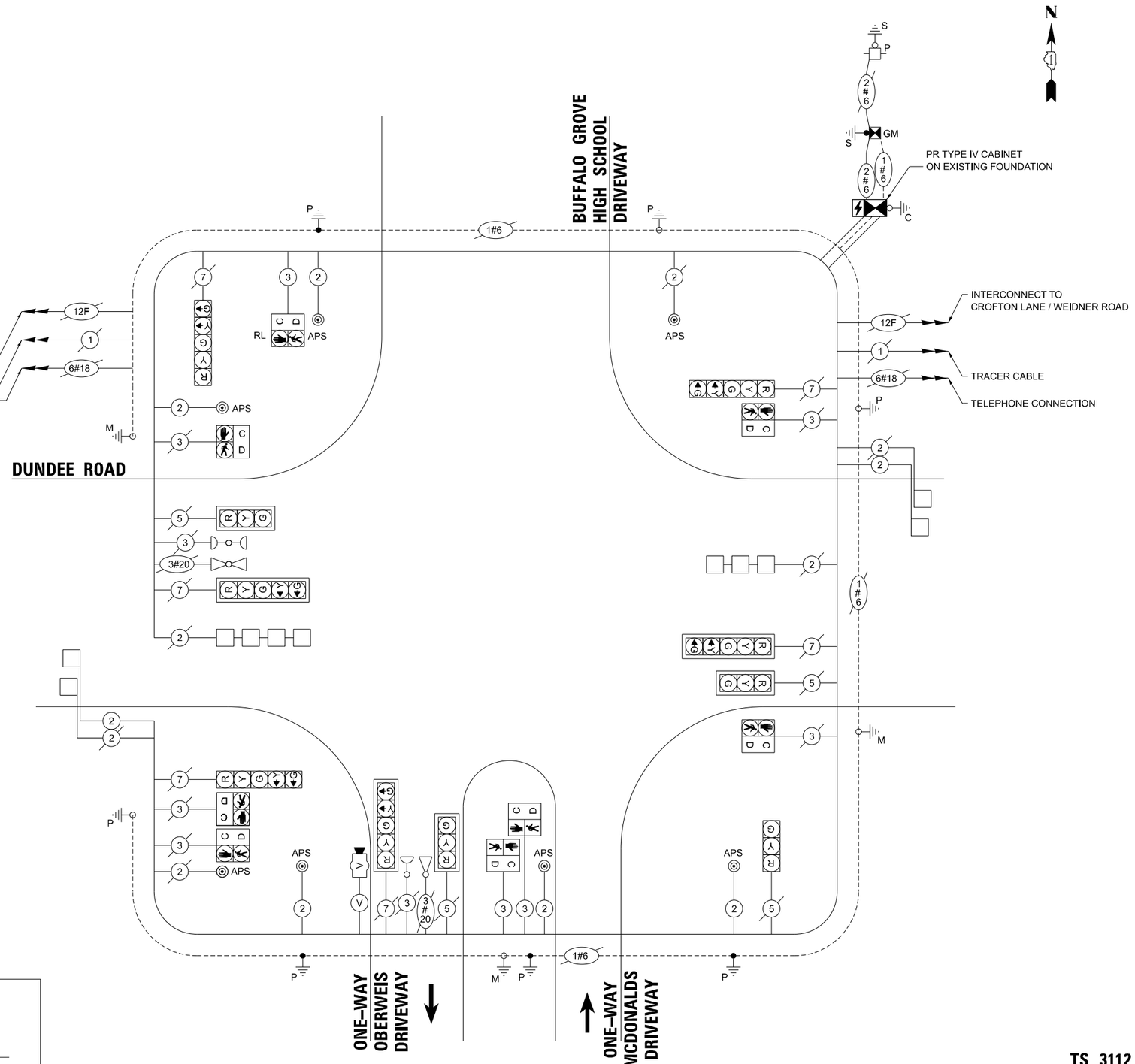
RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5

ENERGY COSTS TO:

VILLAGE OF BUFFALO GROVE
50 RAUPP BLVD
BUFFALO GROVE, IL 60089

ENERGY SUPPLY: CONTACT: DANIEL MENDEZ
PHONE: 773-799-6111
COMPANY: COMED
ACCOUNT NUMBER: 3003246000



CABLE PLAN
(NOT TO SCALE)

TS 3112
ECON 1

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606 / 312-372-3011 (P)

USER NAME	= $USER$	DESIGNED	- EO	REVISED	-
PLOT SCALE	= 0.16666667 ' / In.	DRAWN	- EO	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- SA	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

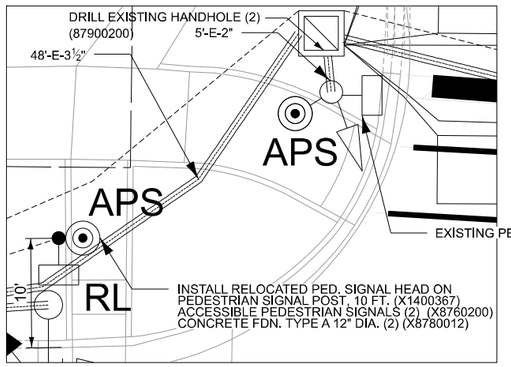
CABLE PLAN, PHASE DESIGNATION DIAGRAM, SCHEDULE OF QUANTITIES & EMERGENCY VEHICLE PREEMPTION SEQUENCE W DUNDEE RD & BUFFALO GROVE HIGHSCHOOL

SCALE: NONE | SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	56
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw://dbstelfile-nw.bentley.com:dbstelfile-nw-01\Documents\Projects\PTB 203\017\Task-008\600 CADD Drawings\606 Electrical\Sheets\62F29_sht_TsCable-Dundeehighschool.dgn

NORTHWEST CORNER



REMOVAL AND RELOCATION NOTES:

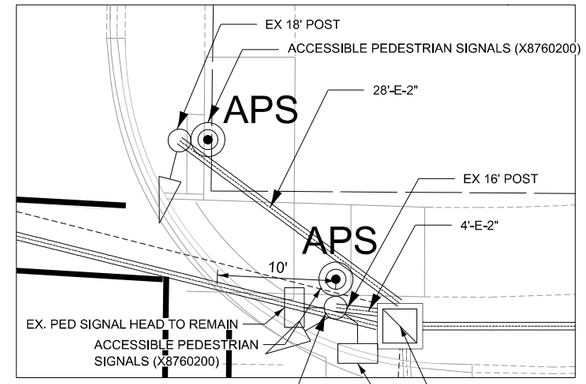
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

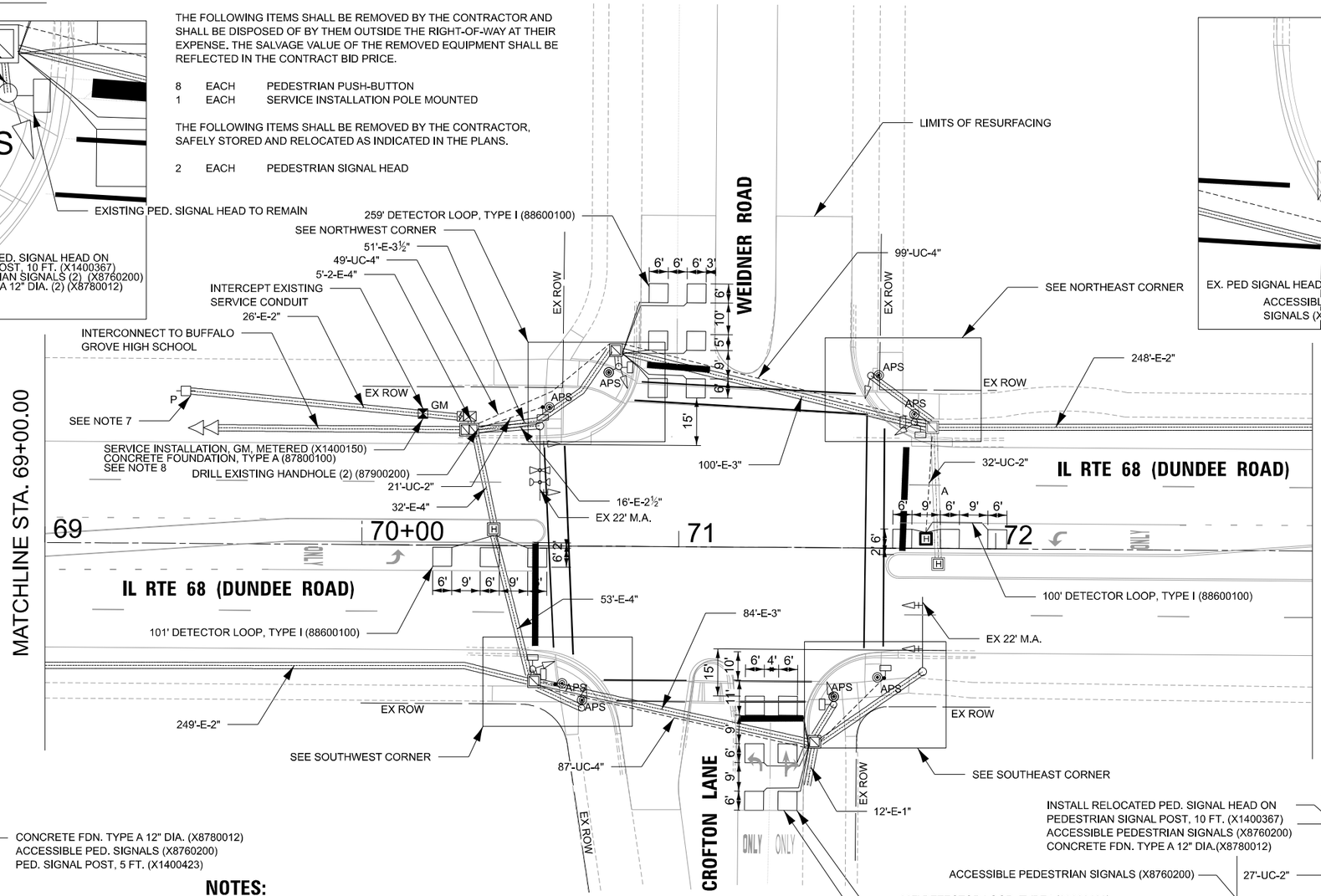
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION POLE MOUNTED

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED AS INDICATED IN THE PLANS.

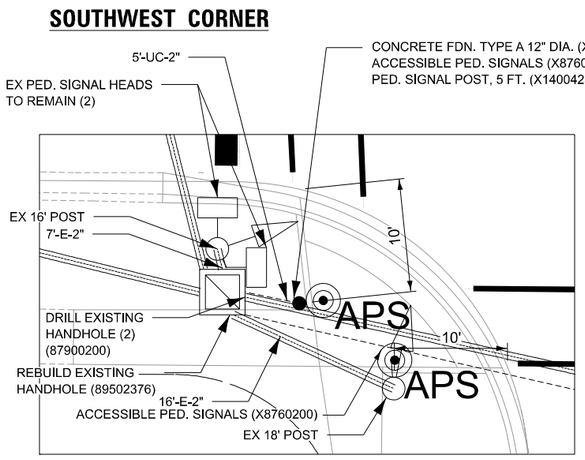
2	EACH	PEDESTRIAN SIGNAL HEAD

NORTHEAST CORNER



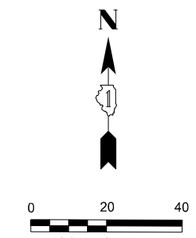


SOUTHWEST CORNER

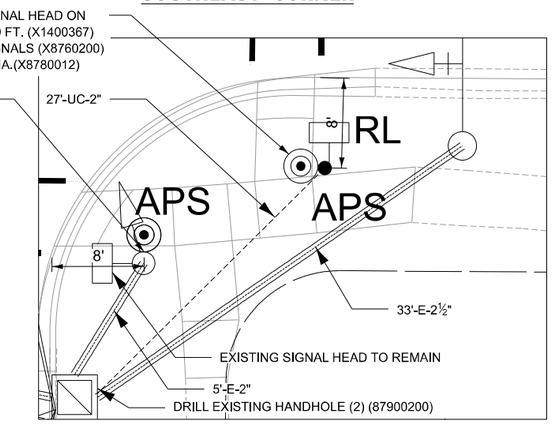


NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
3. ALL PUSH BUTTONS SHALL BE APS.
4. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.
5. EACH DETECTOR LOOP SHALL HAVE ITS 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
6. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
7. CONTRACTOR TO VERIFY SERVICE LOCATION IN FIELD.
8. LOCATION OF THE GROUND MOUNTED SERVICE CAN BE MODIFIED IN THE FIELD WITH THE APPROVAL FROM THE ENGINEER.
9. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
10. ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.



SOUTHEAST CORNER



TS 3210
ECON 1

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606 / 312-372-3011 (P)

USER NAME	= $USER$	DESIGNED	- EO	REVISED	-
PLOT SCALE	= 40.00000000 ' / In.	DRAWN	- EO	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- SA	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

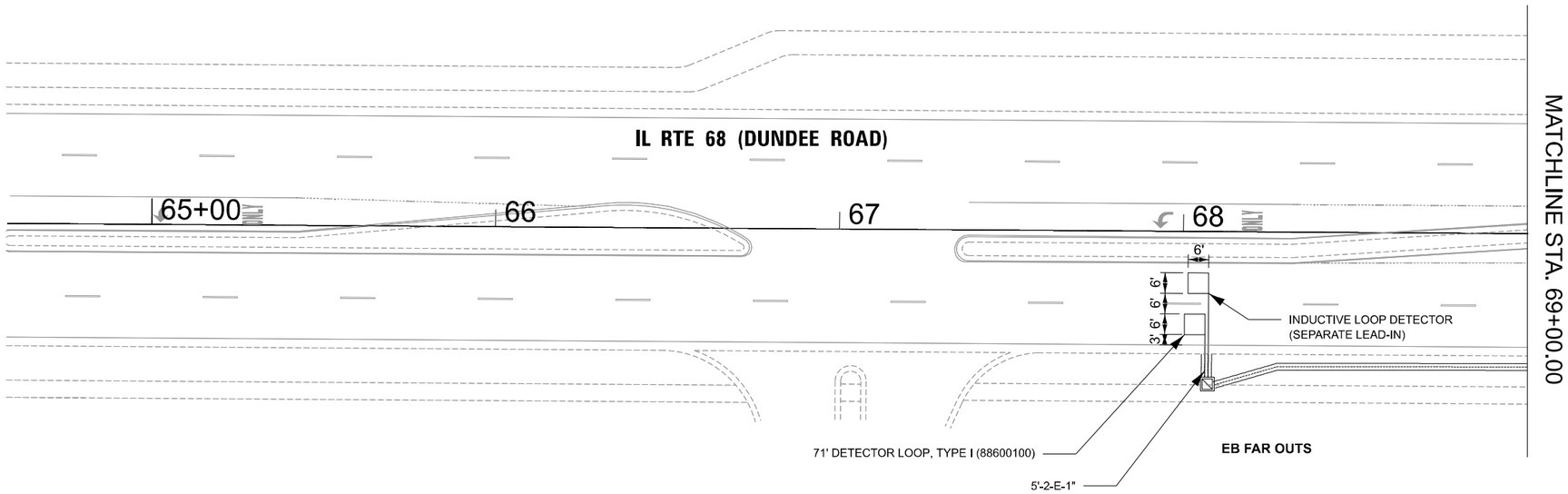
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

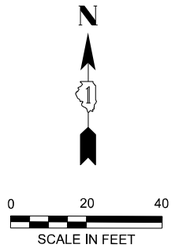
TRAFFIC MODERNIZATION PLAN (SHEET 1 OF 2)
IL–68 (DUNDEE RD) & CROFTON LANE / WEIDNER ROAD

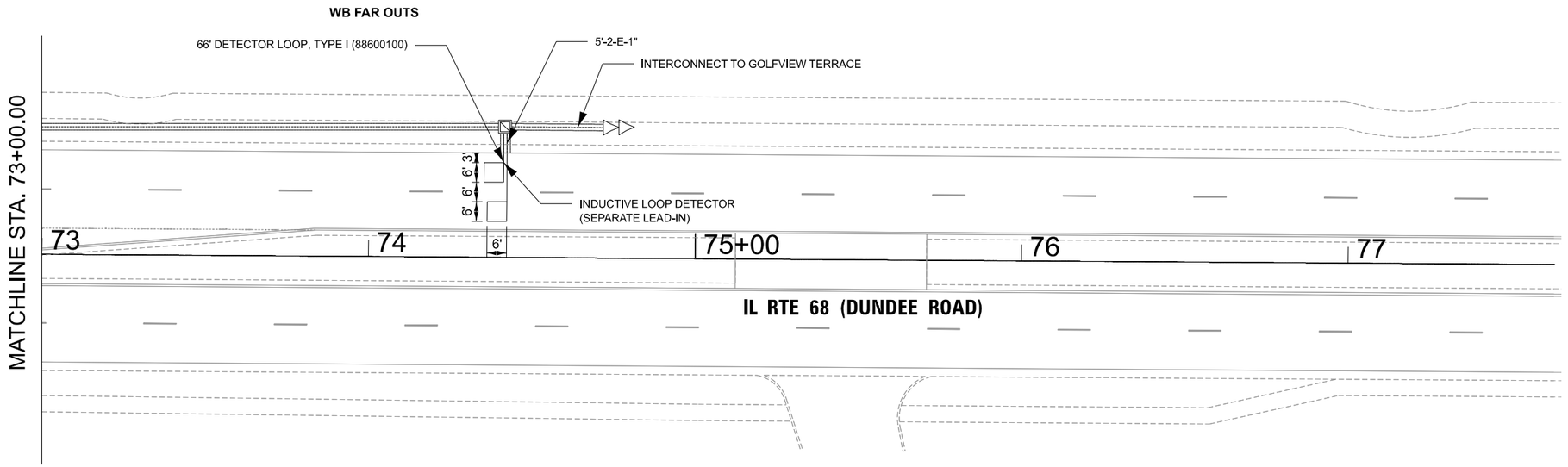
SCALE: 1" = 20' | SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	57
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw://dotsefilinowJbentley.com:dotsefilinow-01/Documents/Projects/PTB 209/177/Task 008/600 CADD Drawings/606 Electrical/Sheets/62720_sht_TsEPH-DundeeCrofton.dgn







TS 3210

ECON 1

FILE NAME: pw://bstelfilr-pw.bentley.com:dbstelfilr-pw41/Documents/Projects/PTB 209/41177/task-006/600 CADD Drawings/606 Electrical/Sheets/62729_sht_TsPh-2DundeeCrofton.dgn

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606 / 312-372-3011 (P)

USER NAME	= $USER$	DESIGNED	- EO	REVISED	-
PLOT SCALE	= 0.16666633 ' / in.	DRAWN	- EO	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- SA	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

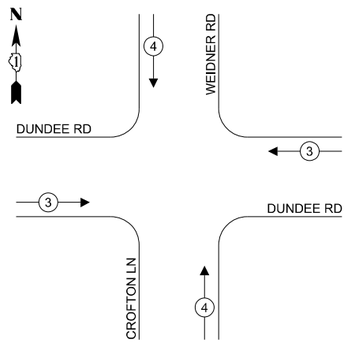
TRAFFIC MODERNIZATION PLAN (SHEET 2 OF 2)
IL–68 (DUNDEE RD) & CROFTON LANE / WEIDNER ROAD

SCALE: 1" = 20' | SHEET #### OF #### SHEETS

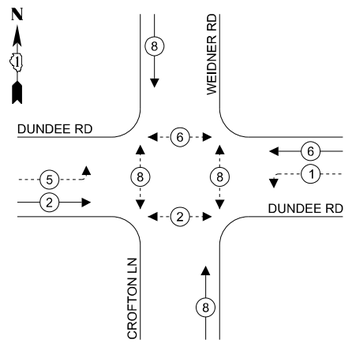
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	58
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	85
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	235
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	592
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	47
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	388
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	10
DETECTOR LOOP, TYPE 1	FOOT	834
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
HEAVY-DUTY HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	253
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1027
INDUCTIVE LOOP DETECTOR	EACH	3
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	41
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
REBUILD EXISTING HANDHOLE	EACH	1

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING CONTROLLER SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	13	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	1	100	100
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLACK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			513
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1118

LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

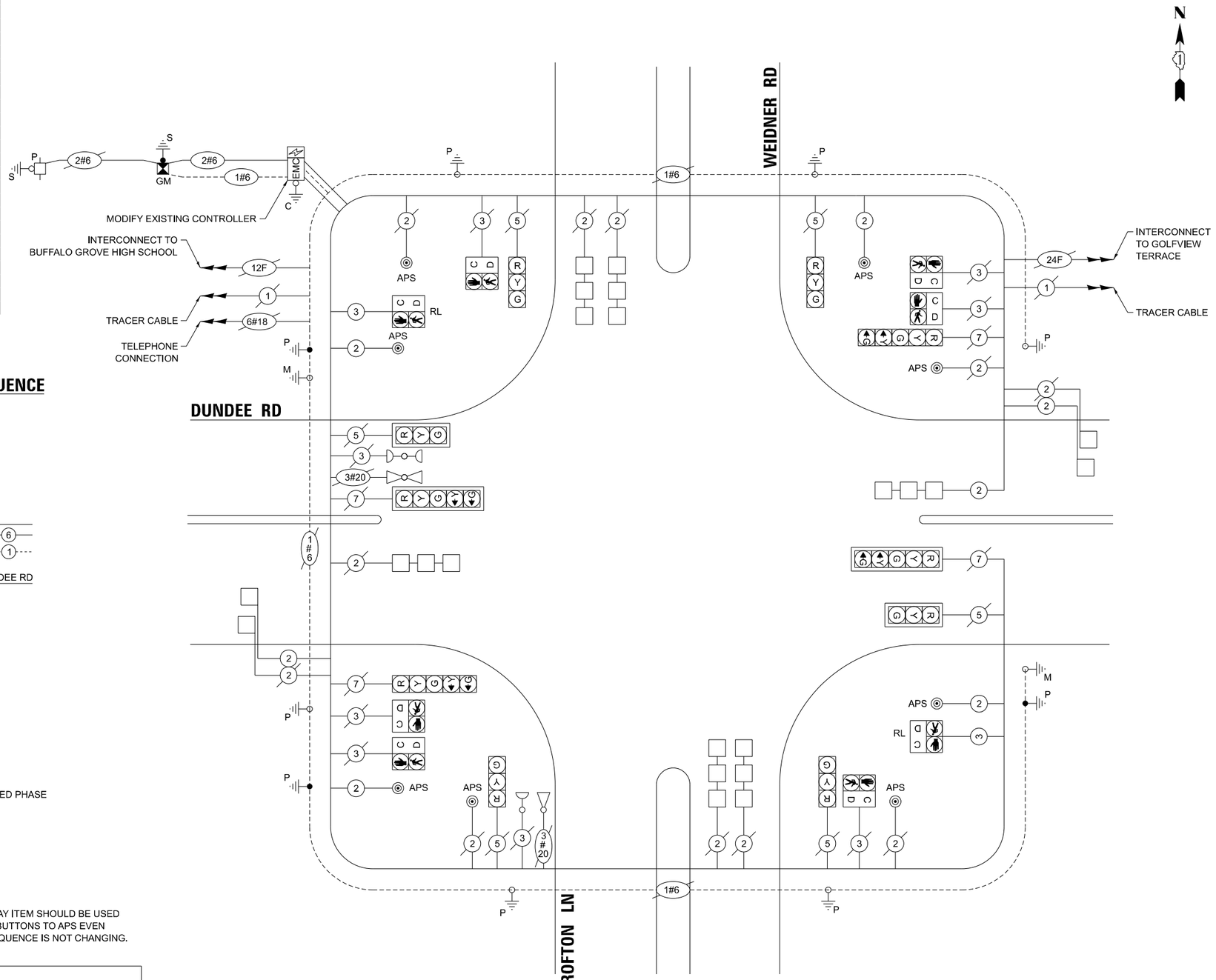
NOTES:

1. MODIFY EXISTING CONTROLLER PAY ITEM SHOULD BE USED WHEN SWITCHING DUAL CALL PUSHBUTTONS TO APS EVEN THOUGH EXISTING CONTROLLER SEQUENCE IS NOT CHANGING.

ENERGY COSTS TO:

VILLAGE OF BUFFALO GROVE
50 RAUPP BLVD
BUFFALO GROVE, IL 60089

ENERGY SUPPLY: CONTACT: DANIEL MENDEZ
PHONE: 773-799-6111
COMPANY: COMED
ACCOUNT NUMBER: 3003246000



CABLE PLAN
(NOT TO SCALE)

TS 3210
ECON 1

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606 / 312-372-3011 (P)

USER NAME	= $USERS	DESIGNED	- EO	REVISED	-
PLOT SCALE	= 0.16666667 ' / in.	DRAWN	- EO	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- SA	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

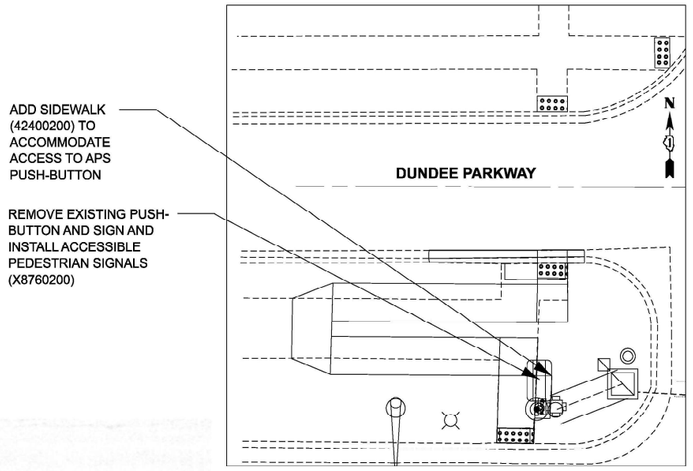
CABLE PLAN, PHASE DESIGNATION DIAGRAM, SCHEDULE OF QUANTITIES & EMERGENCY VEHICLE PREEMPTION SEQUENCE W DUNDEE RD & CROFTON LN

SCALE: NONE | SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	59
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\bstellerfinnjx.bentley.com:bstellerfinnjx-pw01\Documents\Projects\FTB 203x177\task4008\600 CADD Drawings\606 Electrical\Sheets\62720_pln_TbCable-DundeeCrofton.dgn

NORTHWEST CORNER



NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER
2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
3. ALL PUSH BUTTONS SHALL BE APS
4. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.
5. CONTRACTOR TO VERIFY SERVICE LOCATION IN FIELD.
6. LOCATION OF THE GROUND MOUNTED SERVICE CAN BE MODIFIED IN THE FIELD WITH THE APPROVAL FROM THE ENGINEER.
7. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS
8. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED
9. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT
10. ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.

SOUTHWEST CORNER

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	SERVICE INSTALLATION POLE MOUNT
3	EACH	PEDESTRIAN PUSH-BUTTON

SOUTHEAST CORNER

TS 3155
ECON 92

USER NAME = $USER$	DESIGNED - SMM	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL–68 (DUNDEE RD) & GOLFVIEW TERRACE
PLOT SCALE = 40.000 ' / In.	DRAWN - DS	-		
PLOT DATE = $DATE$	CHECKED - DC	-		
PLOT TIME = $TIME$	DATE - 05/05/2025	-		SCALE: 1" = 20 SHEET OF SHEETS

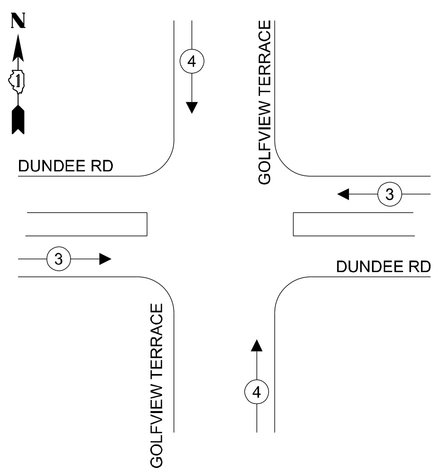
DBS STERLIN CONSULTANTS, INC. 123 N. Wacker Drive, Suite 2000 Chicago, Illinois 60606 312.857.1006

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	60
		CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

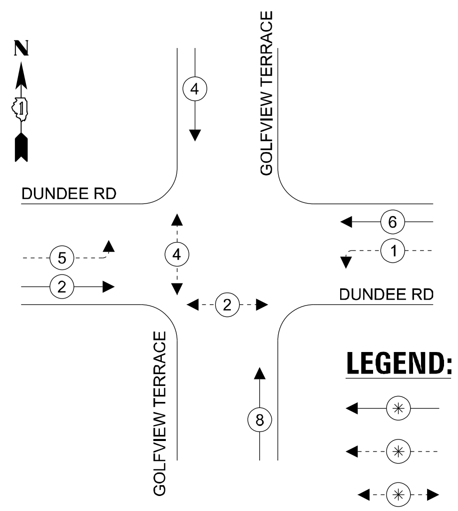
FILE NAME: pw:\\dbsterlin-pw.bentley.com:dbsterlin-pw-01\Documents\Projects\PTB 209-017\Task-008\600 CADD Drawings\609 Electrical\Sheets\62F92_sht_TsPln-DundeeGolfview.dgn

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	63
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	187
HEAVY-DUTY HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	189
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,019
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	335
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	168
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	3
DETECTOR LOOP, TYPE I	FOOT	539
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	376
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

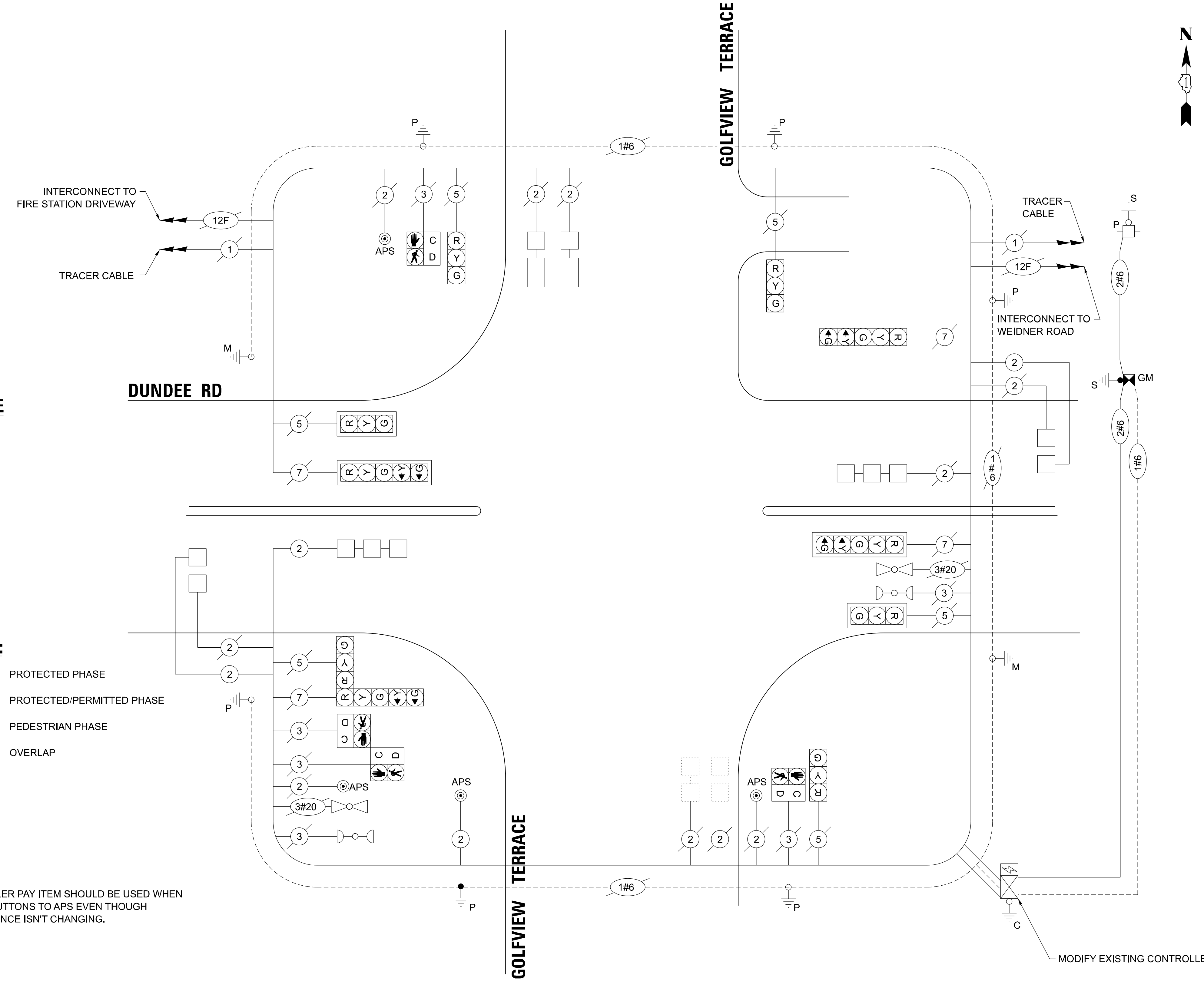


EXISTING CONTROLLER SEQUENCE



LEGEND:

PROTECTED PHASE
PROTECTED/PERMITTED PHASE
PEDESTRIAN PHASE
OL OVERLAP



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	13	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	4	15	60
CONTROLLER	-	150	-
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLACK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			203
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			808

NOTES:

1. MODIFY EXISTING CONTROLLER PAY ITEM SHOULD BE USED WHEN SWITCHING DUAL CALL PUSHBUTTONS TO APS EVEN THOUGH EXISTING CONTROLLER SEQUENCE ISN'T CHANGING.

ENERGY COSTS TO:

VILLAGE OF BUFFALO GROVE
50 RAUPP BLVD
BUFFALO GROVE, IL 60089

ENERGY SUPPLY: CONTACT: DANIEL MENDEZ
PHONE: 773-799-6111
COMPANY: COMED
ACCOUNT NUMBER: 3003246000

TS 3155
ECON 92

FILE NAME: pw://dbsterlin-pw.bentley.com:dbsterlin-pw-01/Documents/Projects/PTB 203-017/Task-008/600 CADD Drawings/606 Electrical/Sheets/62720_sht_TsCable-DundeeGolfview.dgn

DBS — DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME = $USER$	DESIGNED - SMM	-	-
PLOT SCALE = 40.000 ' / in.	DRAWN - SMM	-	-
PLOT DATE = $DATE$	CHECKED - DC	-	-
PLOT TIME = $TIME$	DATE - 05/05/2025	-	-

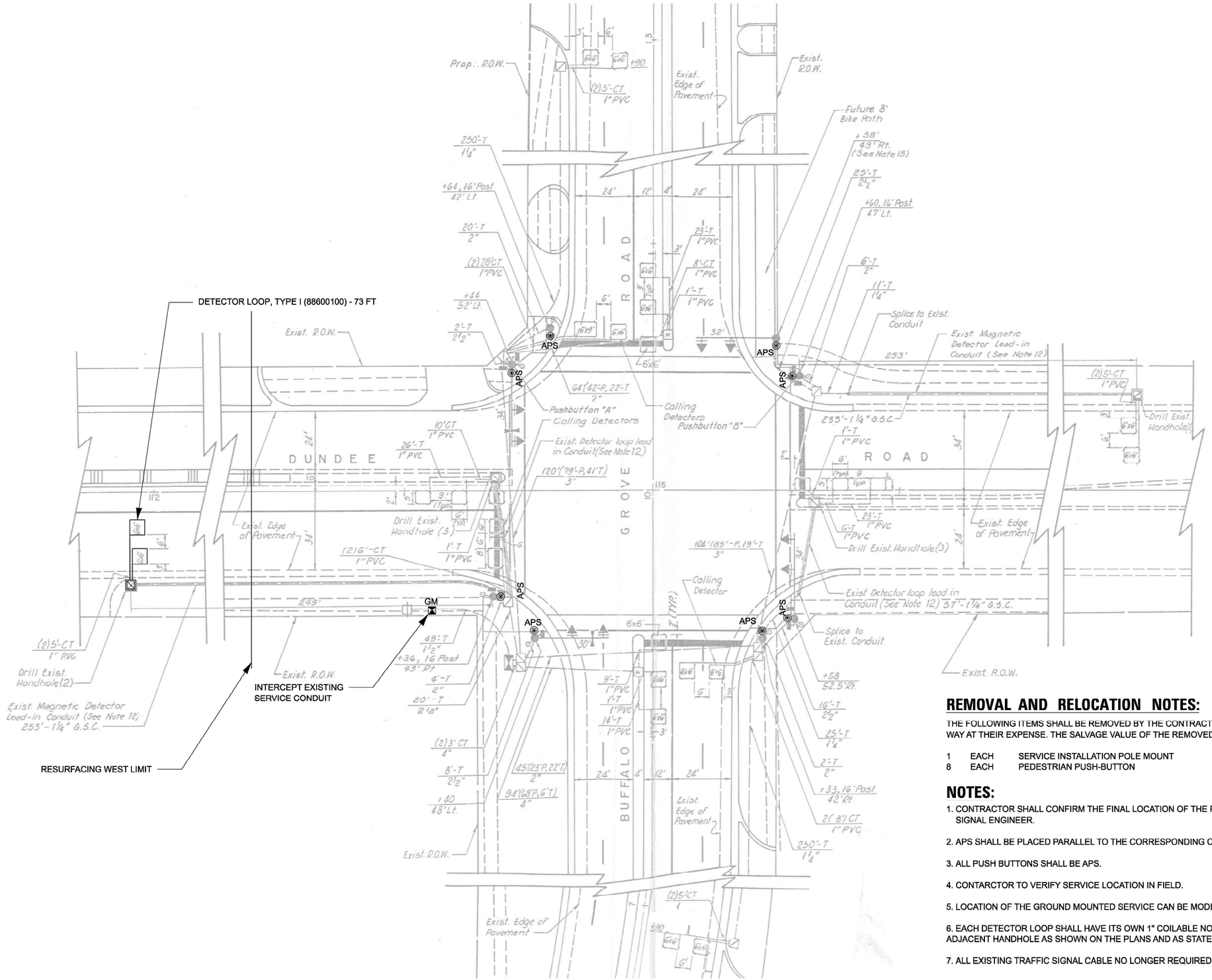
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES W DUNDEE RD & GOLFVIEW TERRACE

SCALE: NONE | SHEET OF SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	61

CONTRACT NO. 62F86
ILLINOIS FED. AID PROJECT



REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	SERVICE INSTALLATION POLE MOUNT
8	EACH	PEDESTRIAN PUSH-BUTTON

NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
3. ALL PUSH BUTTONS SHALL BE APS.
4. CONTARCTOR TO VERIFY SERVICE LOCATION IN FIELD.
5. LOCATION OF THE GROUND MOUNTED SERVICE CAN BE MODIFIED IN THE FIELD WITH THE APPROVAL FROM THE ENGINEER.
6. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
7. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

TS 3110

ECON 92

DBS DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	-	
PLOT SCALE	= 40.000 ' / In.	DRAWN	- DS	-	
PLOT DATE	= $DATE$	CHECKED	- DC	-	
PLOT TIME	= $TIME$	DATE	- 05/05/2025	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
IL-68 (DUNDEE RD) & BUFFALO GROVE RD

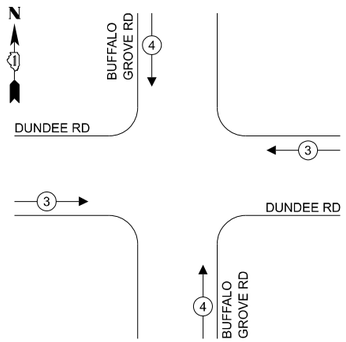
SCALE: 1" = 20' | SHEET 1 OF 1 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	62
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

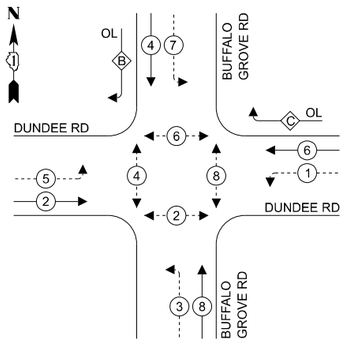
FILE NAME: pw:\\dbsterlin-pw.bentley.com:dbsterlin-pw-01\Documents\Projects\PTB 209-017\Task 008\600 CADD Drawings\605 Electrical\Sheets\62F26_sht_TsPln-DundeeBuffalogrove.dgn

ITEM DESCRIPTION	UNITS	TOTAL QTY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	797
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	86
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	86
CONCRETE FOUNDATION, TYPE A	FOOT	4
INDUCTIVE LOOP DETECTOR	EACH	2
DETECTOR LOOP, TYPE I	FOOT	73
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	71
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING CONTROLLER SEQUENCE



LEGEND:

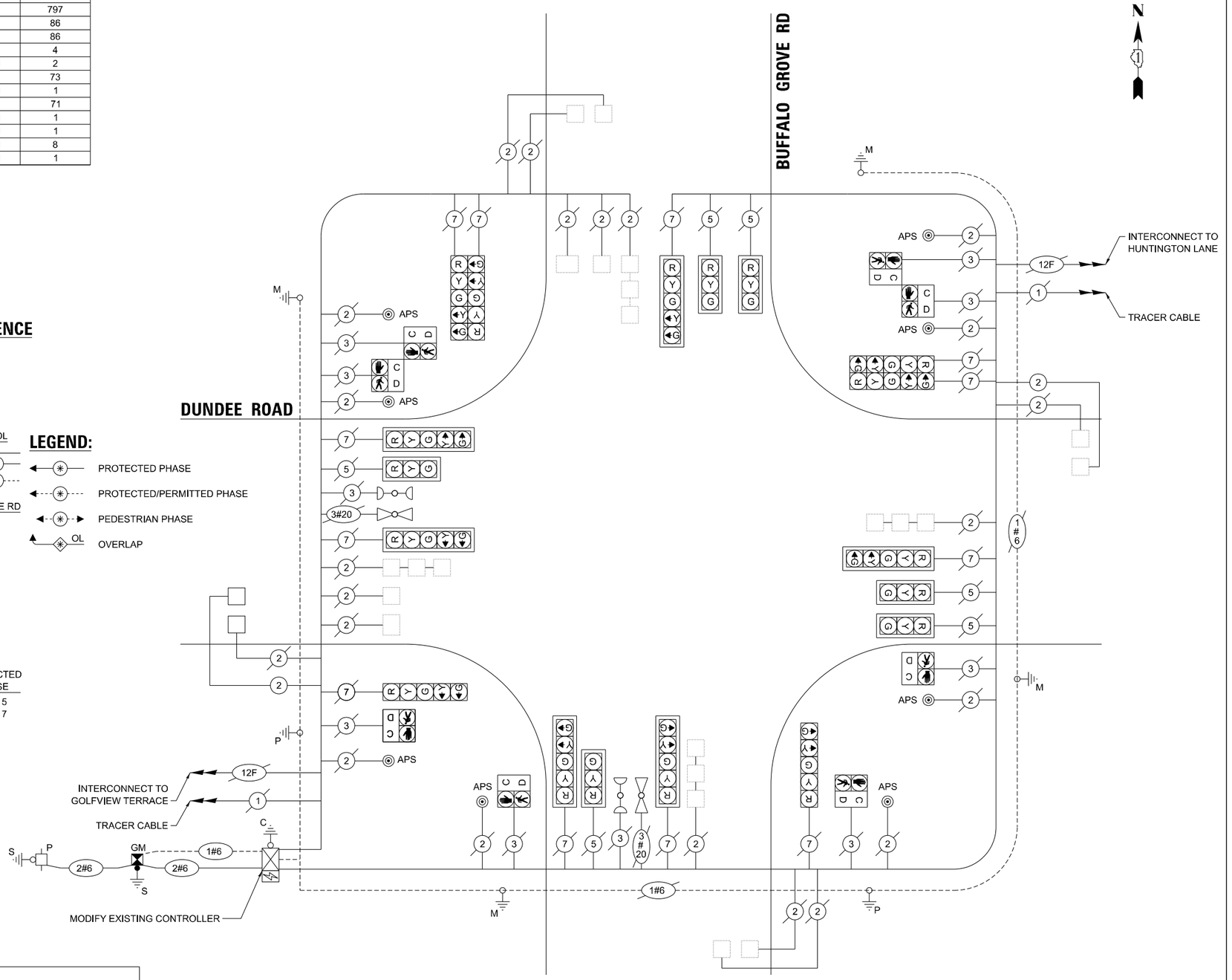
- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5
C	=	6	+	7

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	13	-
5-SECTION	12	13	156
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLACK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			517
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1122



CABLE PLAN

(NOT TO SCALE)

ENERGY COSTS TO:

VILLAGE OF BUFFALO GROVE
50 RAUPP BOULEVARD
BUFFALO GROVE, ILLINOIS 60089

ENERGY SUPPLY: CONTACT: DANIEL MENDEZ
PHONE: 773-799-6111
COMPANY: COMED
ACCOUNT NUMBER: 5165912222

TS 3110
ECON 92

DBS STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.657.1006

USER NAME = $USER$	DESIGNED - EA	REVISED -	
PLOT SCALE = 0.16666667 ' / in.	DRAWN - EA	REVISED -	
PLOT DATE = $DATE$	CHECKED - MA	REVISED -	
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, SCHEDULE OF QUANTITIES & EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL–68 (DUNDEE RD) & BUFFALO GROVE RD

SCALE: NONE | SHEET #### OF #### SHEETS

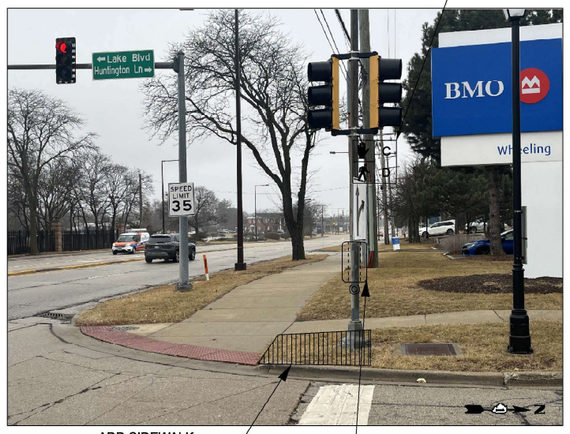
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	63
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\dbsterlin-nowbentley.com:dbsterlin-now2\Documents\Projects\PTB 202\3177\Task 008\800 CADD Drawings\806 Electrical\Sheets\62F86_sht_TsCable-DundeeBuffaloGroveRd.dgn

NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER
2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
3. ALL PUSH BUTTONS SHALL BE APS
4. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.
5. CONTRACTOR TO VERIFY SERVICE LOCATION IN FIELD.
6. LOCATION OF THE GROUND MOUNTED SERVICE CAN BE MODIFIED IN THE FIELD WITH THE APPROVAL FROM THE ENGINEER.
7. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS
8. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED
9. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT
10. ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.

NORTHWEST CORNER



INSTALL PED. SIGNAL HEAD, LED, 1-FACE, BRACKET WITH COUNTDOWN TIMER (88102717)

ADD SIDEWALK (42400200) TO ACCOMMODATE ACCESS TO APS PUSH-BUTTON

INSTALL ACCESSIBLE PEDESTRIAN SIGNALS (X8760200)

NORTHEAST CORNER

EX. PEDESTRIAN SIGNAL HEAD TO BE REMOVED

INSTALL PED. SIGNAL HEAD, LED, 1-FACE, BRACKET WITH COUNTDOWN TIMER (88102717)

REMOVE EXISTING PUSH-BUTTON AND SIGN AND INSTALL ACCESSIBLE PEDESTRIAN SIGNALS (X8760200)

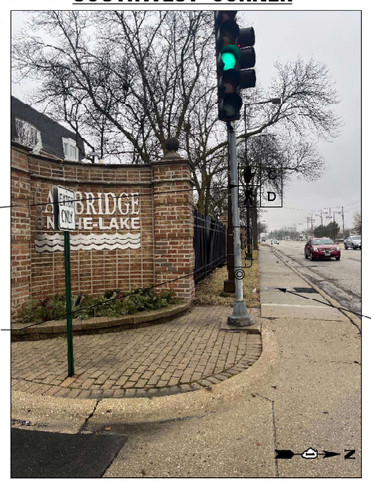
ADD SIDEWALK (42400200) TO ACCOMMODATE ACCESS TO APS PUSH-BUTTON

8'-UC-2"

DRILL EX. HANDHOLE (87900200)

PED. SIGNAL POST, 10FT. (X1400367) CONC. FDN. TYPE A 12" DIA. (X8780012) ACCESSIBLE PEDESTRIAN SIGNALS (X8760200) SIGNAL HEAD, LED, 1-FACE, BRACKET WITH COUNTDOWN TIMER (88102717)

SOUTHWEST CORNER

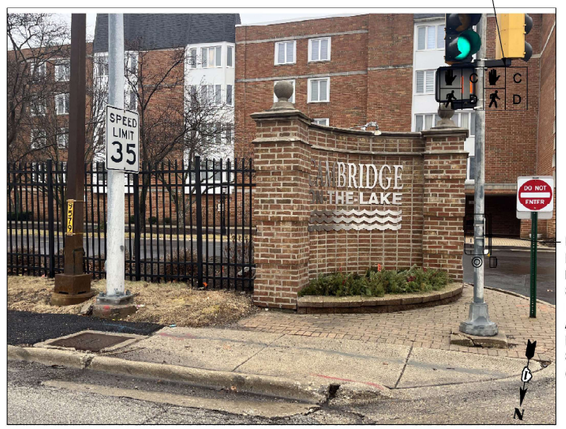


INSTALL PED. SIGNAL HEAD, LED, 1-FACE, BRACKET WITH COUNTDOWN TIMER (88102717)

INSTALL ACCESSIBLE PEDESTRIAN SIGNALS (X8760200)

REBUILD EX. HANDHOLE (89502376)

SOUTHEAST CORNER



REMOVE EXISTING PUSH-BUTTON AND SIGN AND INSTALL (2) ACCESSIBLE PEDESTRIAN SIGNALS (X8760200)

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	SERVICE INSTALLATION POLE MOUNT
2	EACH	PEDESTRIAN SIGNAL HEAD
2	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL CONTROLLER AND CABINET. THIS WORK SHALL BE PAID FOR UNDER "RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT".

1	EACH	LIGHT DETECTOR AMPLIFIER

TS 21200

ECON 92

FILE NAME: pw://dbsterlin-pw.bentley.com:dbsterlin-pw-01/Documents/Projects/PTB 209-017/Task-030/600 CADD Drawings/600 Electrical/Sheets/t27120_JKL_TsPln-DundeeHuntington-Lake.dgn

DBS STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME = $USER$	DESIGNED - SMM	-	
PLOT SCALE = 40.000 ' / In.	DRAWN - DS	-	
PLOT DATE = $DATE$	CHECKED - DC	-	
PLOT TIME = $TIME$	DATE - 05/05/2025	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

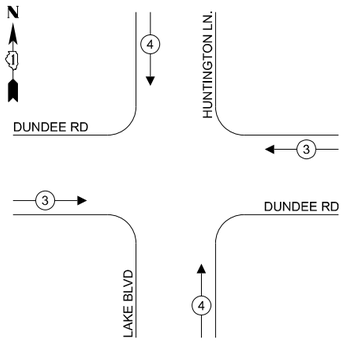
TRAFFIC SIGNAL MODERNIZATION PLAN
IL–68 (DUNDEE RD) & HUNTINGTON LN. / LAKE BLVD.

SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS

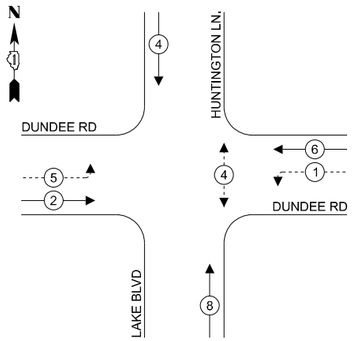
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	64
		CONTRACT NO. 62F86		
		ILLINOIS | FED. AID PROJECT		

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	8
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	280
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	564
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	652
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	698
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	78
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	45
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	7
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
INDUCTIVE LOOP DETECTOR	EACH	10
DETECTOR LOOP, TYPE I	FOOT	837
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	115
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

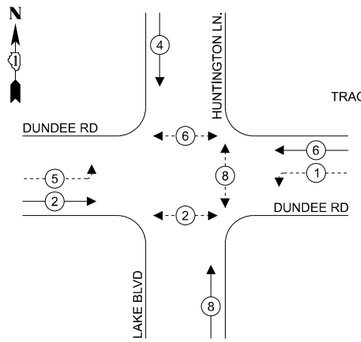
EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING CONTROLLER SEQUENCE



PROPOSED CONTROLLER SEQUENCE



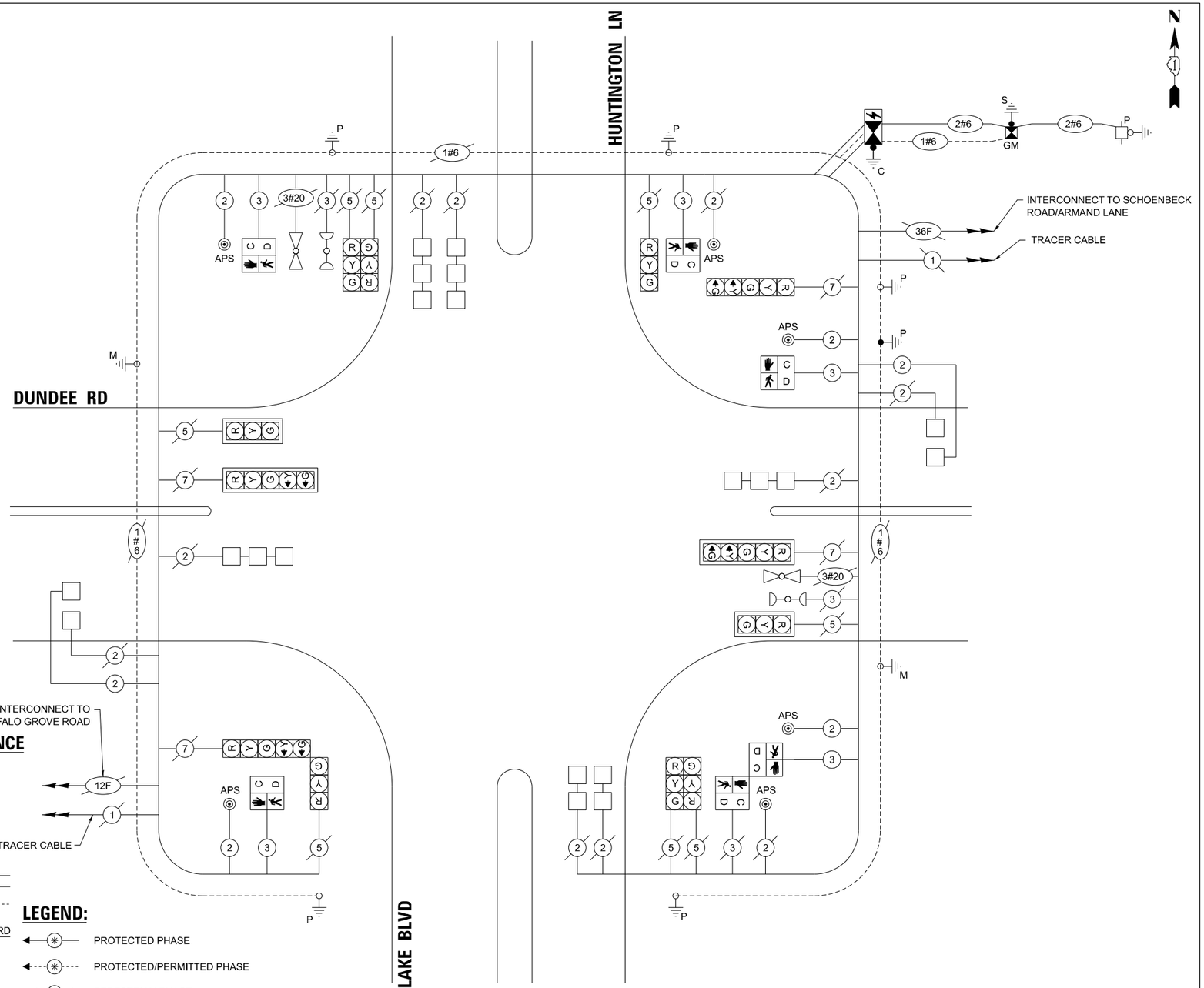
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	13	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	6	15	90
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLACK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			405
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1010

ENERGY COSTS TO:

VILLAGE OF WHEELING
2 COMMUNITY BLVD
WHEELING, IL 60090

ENERGY SUPPLY: CONTACT: AXL DAVIS
PHONE: 773-231-2969
COMPANY: COMED
ACCOUNT NUMBER: 5105014000



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

CABLE PLAN

(NOT TO SCALE)

TS 21200
ECON 92

DBS | DB STERLIN CONSULTANTS, INC., 123 N. Wacker Drive, Suite 2000 Chicago, Illinois 60606 312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	·	-
PLOT SCALE	= 40.000 ' / In.	DRAWN	- SMM	·	-
PLOT DATE	= $DATE$	CHECKED	- DC	·	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	·	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

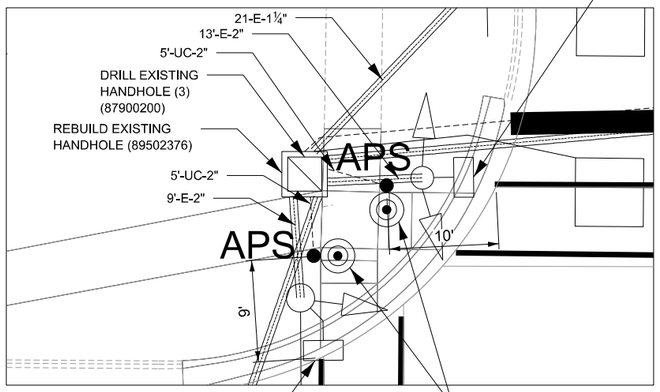
CABLE PLAN, PHASE DESIGNATION DIAGRAM, SCHEDULE OF QUANTITIES & EMERGENCY VEHICLE PREEMPTION SEQUENCE
W DUNDEE RD & HUNTINGTON LN /LAKE BLVD

SCALE: NONE | SHEET OF SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	65
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw://dbsterlinnow.bentley.com:dbsterlinnow-21\Documents\Projects\PTB 203-0177\Task-008\800 CADD Drawings\806 Electrical\Sheets\62F20_sht_TsCable-DundeeHuntington-Lake.dgn

NORTHWEST CORNER

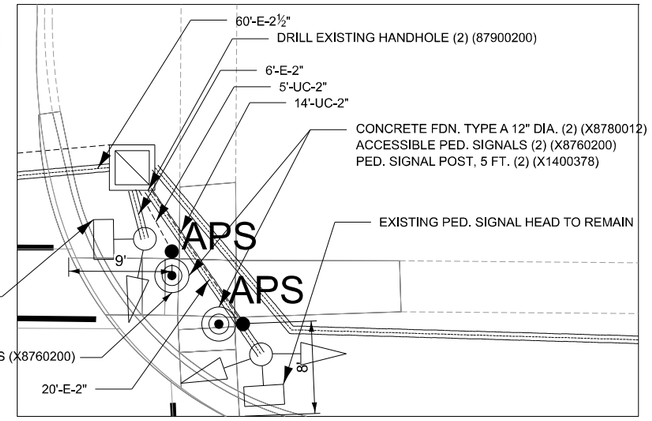


REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION POLE MOUNT

NORTHEAST CORNER



SOUTHEAST CORNER

NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.

2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

3. ALL PUSH BUTTONS SHALL BE APS.

4. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.

5. EACH DETECTOR LOOP SHALL HAVE ITS 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

6. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

7. CONTRACTOR TO VERIFY SERVICE LOCATION IN FIELD.

8. LOCATION OF THE GROUND MOUNTED SERVICE CAN BE MODIFIED IN THE FIELD WITH THE APPROVAL FROM THE ENGINEER.

9. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

10. ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.

TS 3175

ECON 92

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606 / 312-372-3011 (P)

USER NAME = $USERS	DESIGNED - EO	REVISED -	
PLOT SCALE = 40.00000000 ' / In.	DRAWN - EO	REVISED -	
PLOT DATE = $DATE$	CHECKED - SA	REVISED -	
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
IL–68 (DUNDEE RD) & SCHOENBECK ROAD

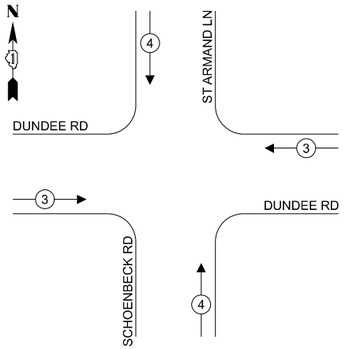
SCALE: 1" = 20' | SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	66
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

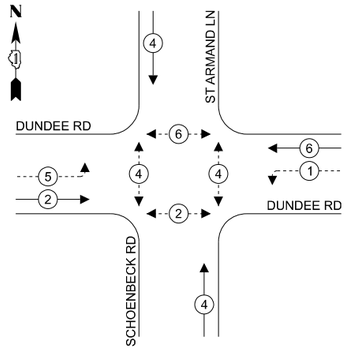
FILE NAME: pw://dotsefile-nw.bentley.com:dotsefile-nw-01/Documents/Projects/PTB 203+017/Task 008/600 CADD Drawings/606 Electical/Sheets/627129_sht_TsPln-DundeeSchoenbeck.dgn

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	26
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	818
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6, 2C	FOOT	47
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	254
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	9
DETECTOR LOOP, TYPE 1	FOOT	780
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	5
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	121
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	634
INDUCTIVE LOOP DETECTOR	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	41
REBUILD EXISTING HANDHOLE	EACH	4
REBUILD EXISTING DOUBLE HANDHOLE	EACH	1
REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING AND PROPOSED CONTROLLER SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	10	11	110
4-SECTION	-	13	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLACK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			457
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1062

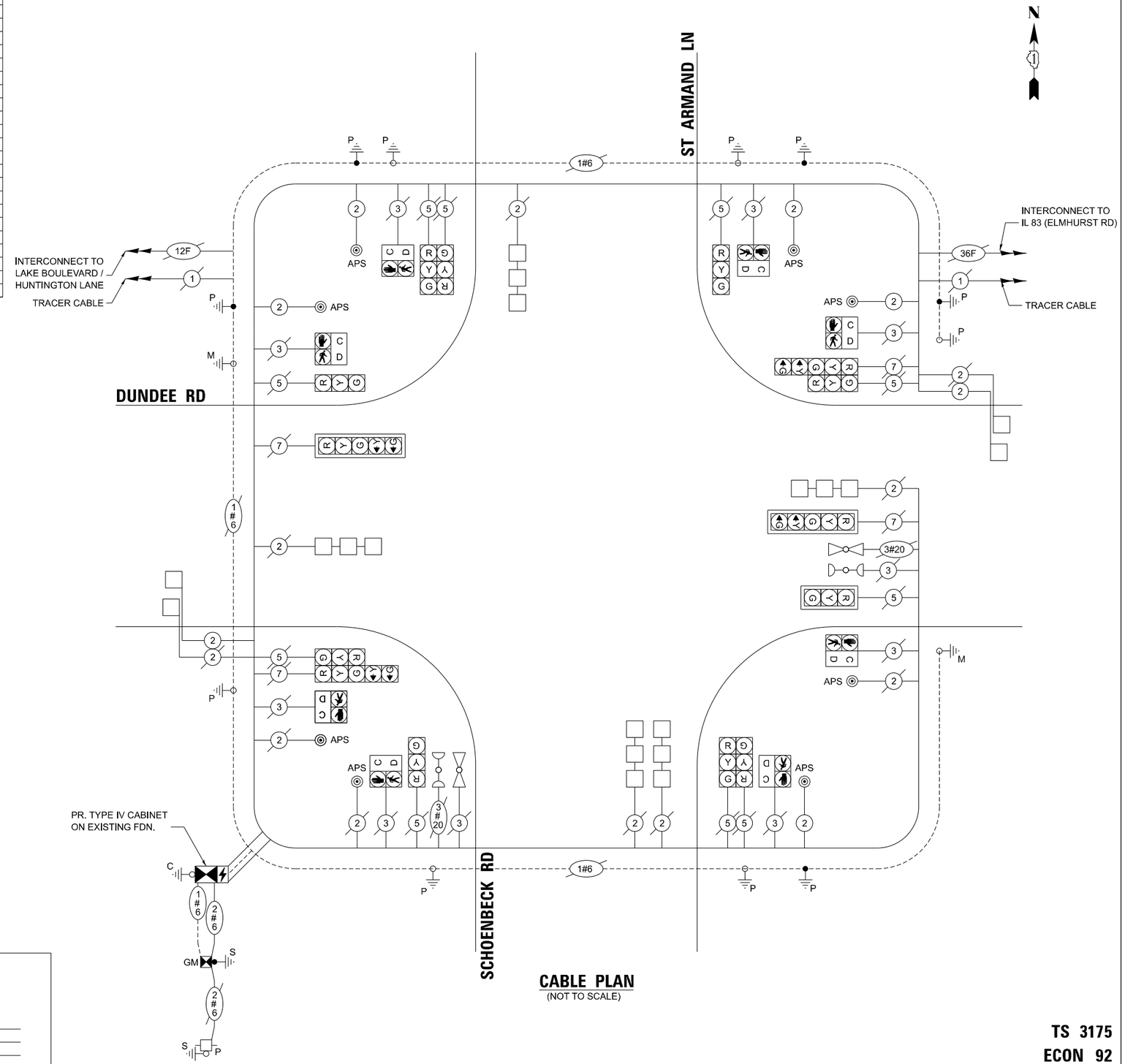
LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

ENERGY COSTS TO:

VILLAGE OF WHEELING
2 COMMUNITY BLVD
WHEELING, IL 60090

ENERGY SUPPLY: CONTACT: AXI DAVIS
PHONE: 773-231-2969
COMPANY: COMED
ACCOUNT NUMBER: 5105014000



CABLE PLAN
(NOT TO SCALE)

TS 3175
ECON 92

Lochner
225 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606 / 312-372-3011 (P)

USER NAME	= $USER$	DESIGNED	- EO	REVISED	-
PLOT SCALE	= 0.1666667 ' / in.	DRAWN	- EO	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- SA	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, SCHEDULE OF QUANTITIES & EMERGENCY VEHICLE PREEMPTION SEQUENCE
W DUNDEE RD & SCHOENBECK RD

SCALE: NONE | SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	67
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw://dotsfilinow.bentley.com:dotsfilinow1/Documents/Projects/PTB 203+/0177/Task-008/800 CADD Drawings/606 Electrical/Sheets/62F20_sht_TsCable-DundeeSchoenbeck.dgn

NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.

2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

3. ALL PUSH BUTTONS SHALL BE APS.

4. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.

5. CONTRACTOR TO VERIFY SERVICE LOCATION IN FIELD.

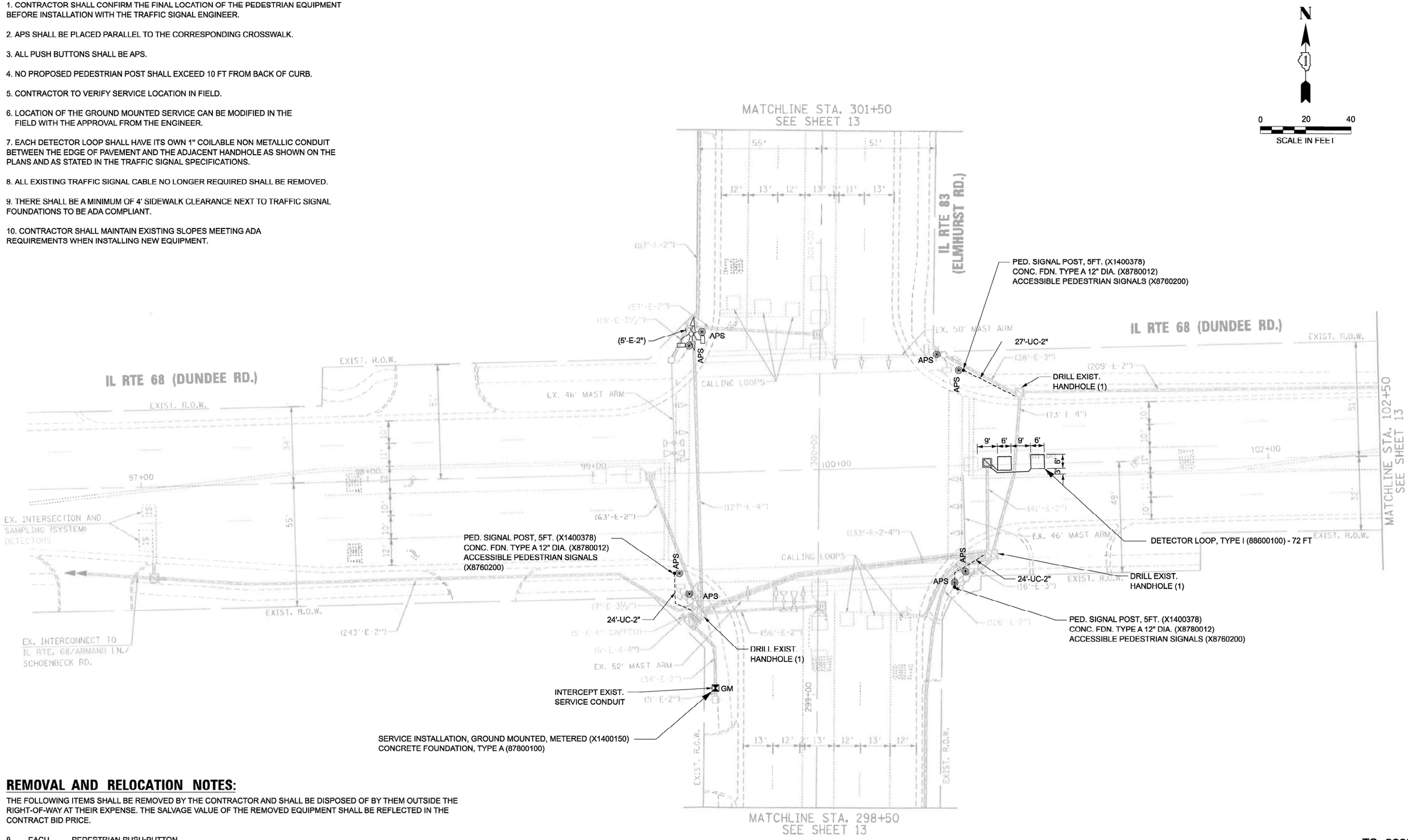
6. LOCATION OF THE GROUND MOUNTED SERVICE CAN BE MODIFIED IN THE FIELD WITH THE APPROVAL FROM THE ENGINEER.

7. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

8. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

9. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

10. CONTRACTOR SHALL MAINTAIN EXISTING SLOPES MEETING ADA REQUIREMENTS WHEN INSTALLING NEW EQUIPMENT.



REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

6 EACH PEDESTRIAN PUSH-BUTTON

TS 3095

ECON 92

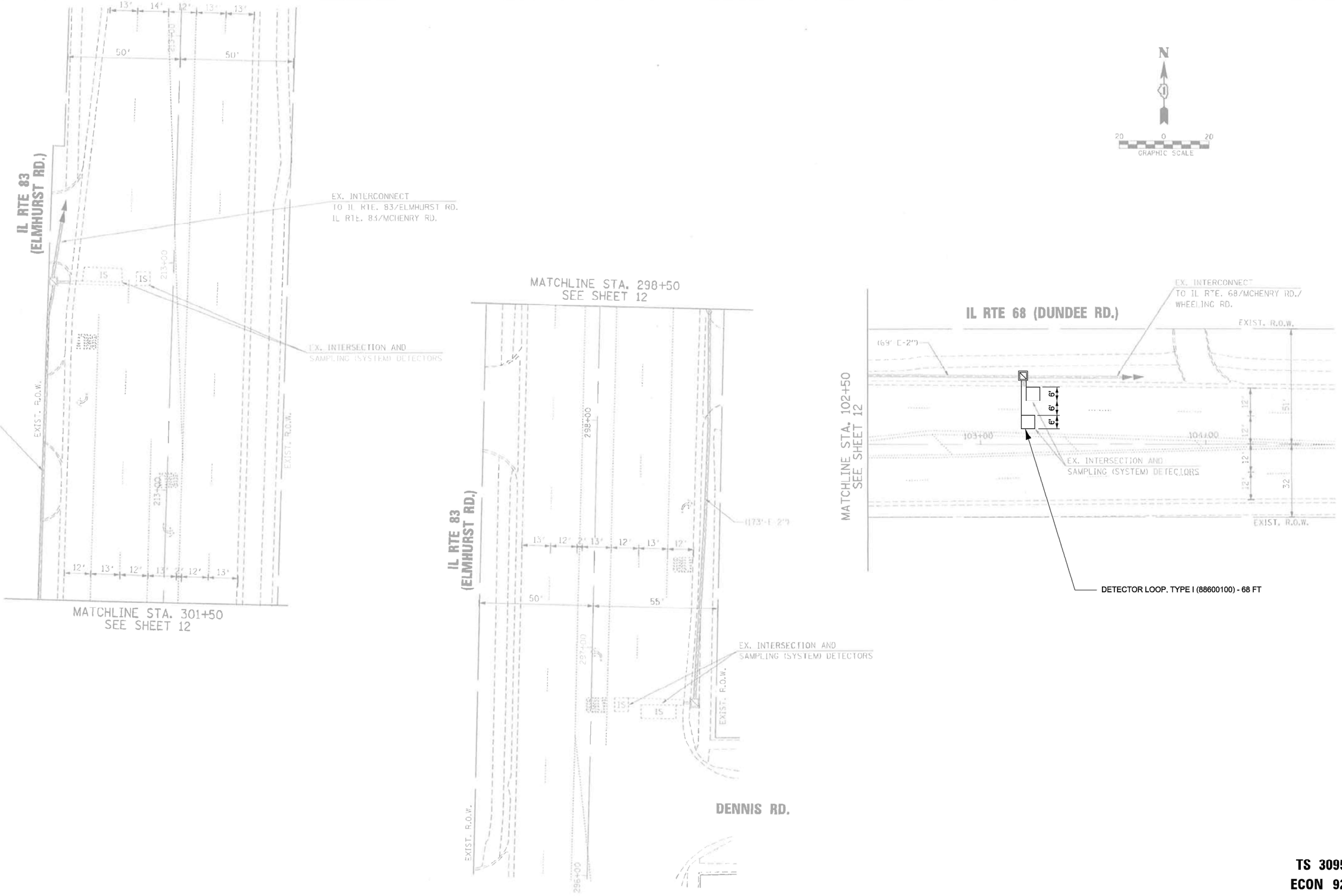
FILE NAME: pw://dbsterlin-pw.bentley.com:dbsterlin-pw-01/Documents/Projects/PTB 209-017/Task-008/600 CADD Drawings/609 Electrical/Sheets/62T20_sht_TsPrs-DundeeElmhurst-1.dgn

DBS DB STERLIN CONSULTANTS, INC. 123 N. Wacker Drive, Suite 2000 Chicago, Illinois 60606 312.857.1006	USER NAME = $USER$	DESIGNED - SMM	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	PLOT SCALE = 40.000 ' / In.	DRAWN - DS	-	
	PLOT DATE = $DATE$	CHECKED - DC	-	
	PLOT TIME = $TIME$	DATE - 05/05/2025	-	

TRAFFIC SIGNAL MODERNIZATION PLAN
IL–68 (DUNDEE RD) & IL–83 (ELMHURST RD) (SHEET 1 OF 2)

SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	68
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	



TS 3095

ECON 92

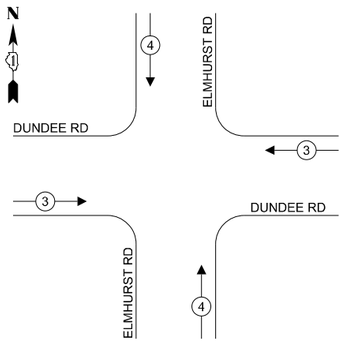
FILE NAME: pw://dbsterlin-pw.bentley.com:dbsterlin-pw-01/Documents/Projects/PTB 209-017/Task-008/600 CADD Drawings/909 Electrical/Sheets/62720_sht_TsPln-DundeeElmhurst-2.dgn

DBS DB STERLIN CONSULTANTS, INC. 120 N. Wacker Drive, Suite 2000 Chicago, Illinois 60606 312.857.1006	USER NAME = $USER$	DESIGNED - SMM	-	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**TRAFFIC SIGNAL MODERNIZATION PLAN**
	PLOT SCALE = 40.000 ' / In.	DRAWN - DS	-		**IL–68 (DUNDEE RD) & IL–83 (ELMHURST RD) (SHEET 2 OF 2)**
	PLOT DATE = $DATE$	CHECKED - DC	-		SCALE: 1" = 20' SHEET 2 OF 2 SHEETS
	PLOT TIME = $TIME$	DATE - 05/05/2025	-		

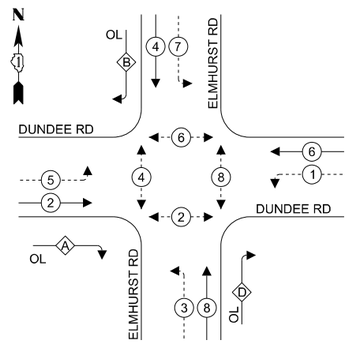
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	69
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	75
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	535
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	177
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	63
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	3
DETECTOR LOOP, TYPE I	FOOT	140
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	590
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING CONTROLLER SEQUENCE



LEGEND:

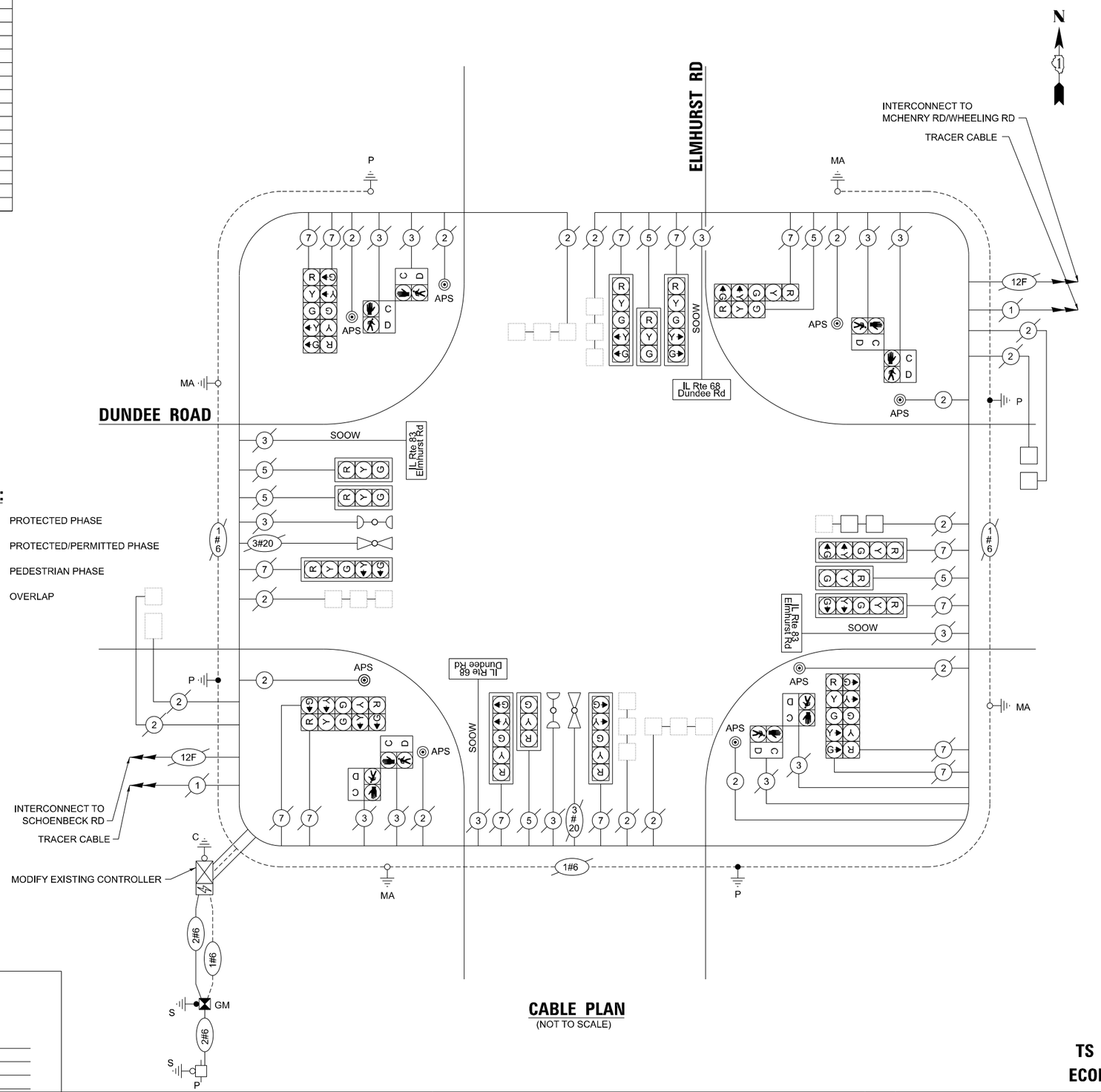
- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	13	-
5-SECTION	14	13	182
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLACK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			543
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	4	120	480
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1628

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
B	=	4	+	5
D	=	8	+	1



CABLE PLAN
(NOT TO SCALE)

ENERGY COSTS TO:

VILLAGE OF WHEELING
2 COMMUNITY BOULEVARD
WHEELING, IL 60090

ENERGY SUPPLY: CONTACT: AXL DAVIS
PHONE: 773-231-2969
COMPANY: COMED
ACCOUNT NUMBER: 5105014000

DBS DB STERLIN CONSULTANTS, INC. 123 N. Wacker Drive, Suite 2000 Chicago, Illinois 60606 312.857.1006

USER NAME	= $USER$	DESIGNED	- SMM	REVISED	-
PLOT SCALE	= 0.16666667 ' / In.	DRAWN	- MAA	REVISED	-
PLOT DATE	= $DATE$	CHECKED	- EA	REVISED	-
PLOT TIME	= $TIME$	DATE	- 05/05/2025	REVISED	-

FILE NAME: pw:\\Dbsterlin-Brow.bentley.com:dbsterlin-pw01\Documents\Projects\PTB 209-017\Task-006\600 CADD Drawings\606 Electrical\Sheets\62f86_pln_TbCable-DundeeElmhurst6x.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, SCHEDULE OF QUANTITIES & EMERGENCY VEHICLE PREEMPTION SEQUENCE W DUNDEE RD & ELMHURST RD

SCALE: SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	70
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

TS 3095
ECON 92

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

8 EACH PEDESTRIAN PUSH-BUTTON

NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.

2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

3. ALL PUSH BUTTONS SHALL BE APS.

4. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.

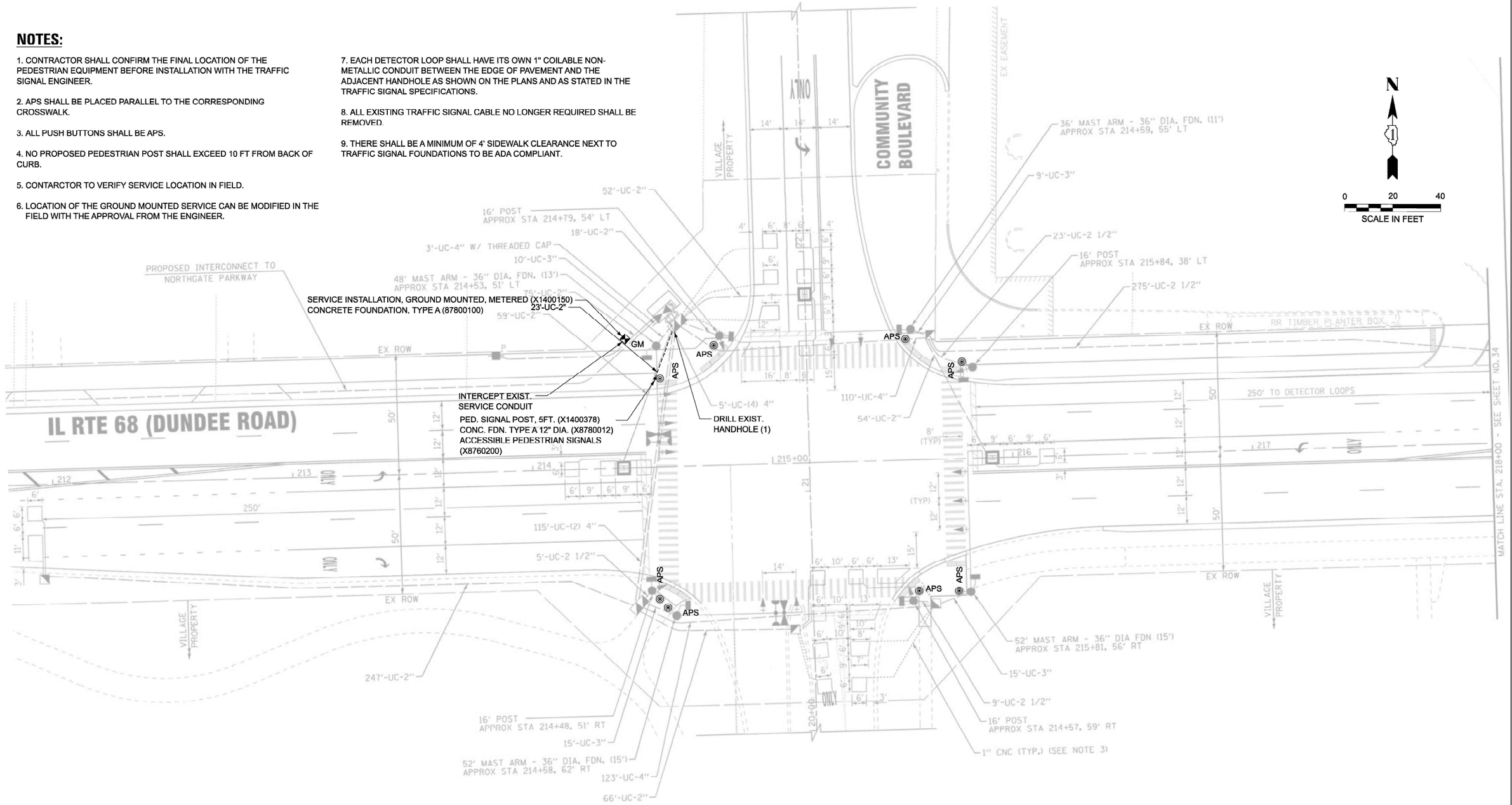
5. CONTARCTOR TO VERIFY SERVICE LOCATION IN FIELD.

6. LOCATION OF THE GROUND MOUNTED SERVICE CAN BE MODIFIED IN THE FIELD WITH THE APPROVAL FROM THE ENGINEER.

7. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

8. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

9. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

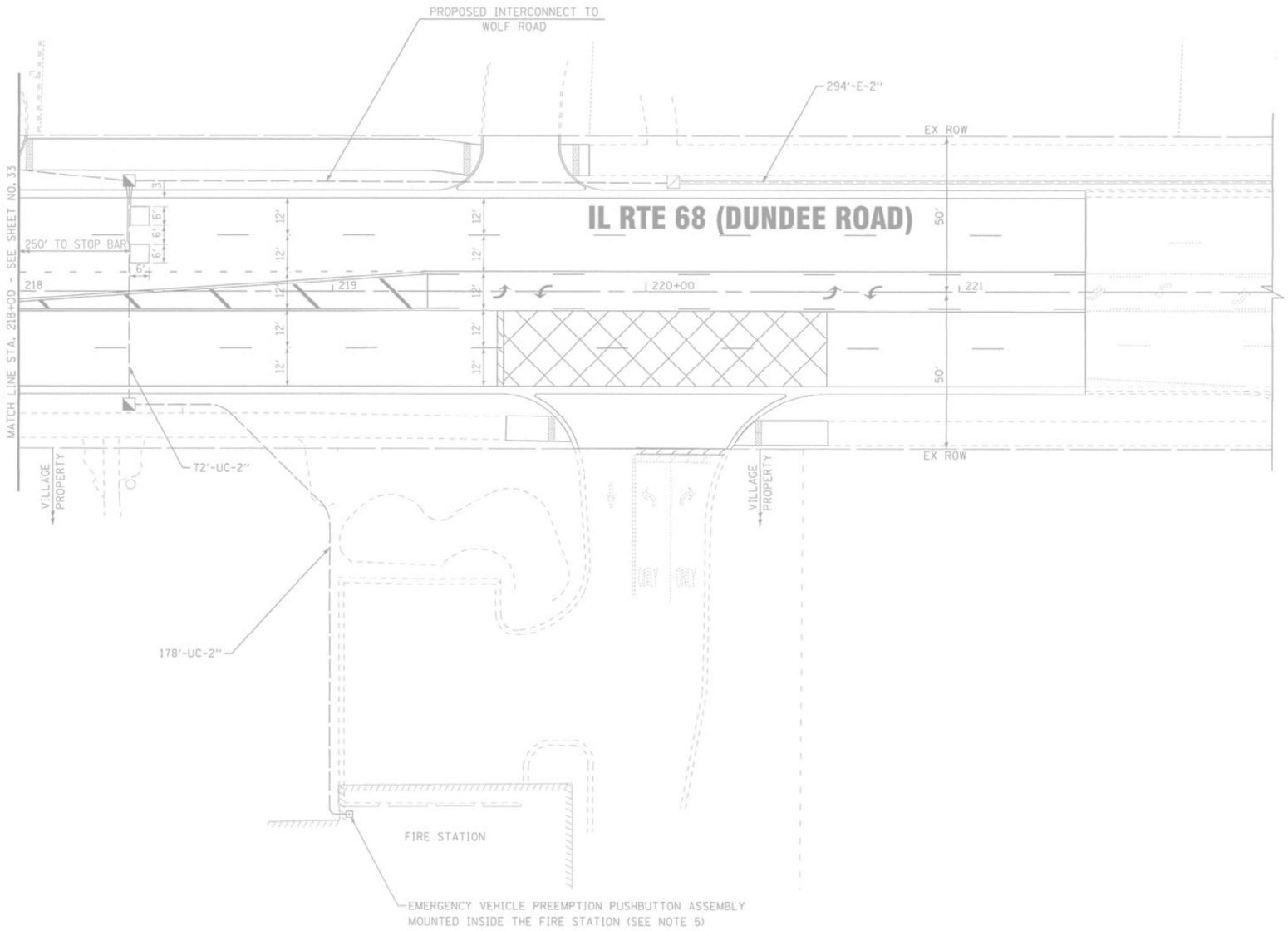


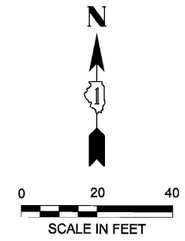
TS 11692
ECON 92

DBS DB STERLIN CONSULTANTS, INC. 123 N. Wacker Drive, Suite 2000 Chicago, Illinois 60606 312.857.1006	USER NAME = $USER$	DESIGNED - SMM	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL–68 (DUNDEE RD) & COMMUNITY BLVD. (SHEET 1 OF 2)
	PLOT SCALE = 40.000 ' / In.	DRAWN - DS	-		
	PLOT DATE = $DATE$	CHECKED - DC	-		
	PLOT TIME = $TIME$	DATE - 05/05/2025	-		SCALE: 1" = 20' SHEET 1 OF 2 SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	71
		CONTRACT NO. 62F86		
		ILLINOIS FED. AID PROJECT		

FILE NAME: pw:\\bsterlin-pw.bentley.com:dbsterlin-pw-01\Documents\Projects\PTB 209-017\Task-006\600 CAD\ Drawings\605 Electrical\Sheets\62F120_plt_TsPln-DundeCommunity-1.dgn





TS 11692
ECON 92

FILE NAME: pw:\\dbsterlin-pw.bentley.com:dbsterlin-pw-01\Documents\Projects\PTB 209-017\Task-026\600 CADD Drawings\605 Electrical\Sheets\62T20_sht_TSPln-DundeeCommunity-2.dgn

DBS DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

USER NAME = $USER$	DESIGNED - SMM	-
PLOT SCALE = 40.000 ' / In.	DRAWN - DS	-
PLOT DATE = $DATE$	CHECKED - DC	-
PLOT TIME = $TIME$	DATE - 05/05/2025	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

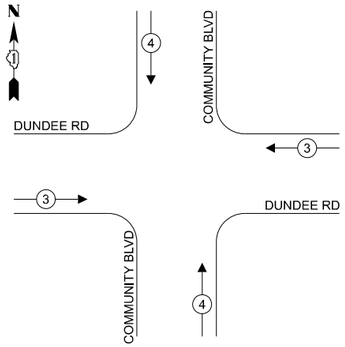
TRAFFIC SIGNAL MODERNIZATION PLAN
IL–68 (DUNDEE RD) & COMMUNITY BLVD. (SHEET 2 OF 2)

SCALE: 1" = 20' | SHEET 2 OF 2 SHEETS

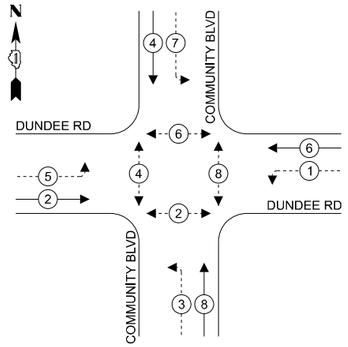
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	72
		CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	23
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	86
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	86
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	57
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	44
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING CONTROLLER SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	13	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLACK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			465
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	4	120	480
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1550

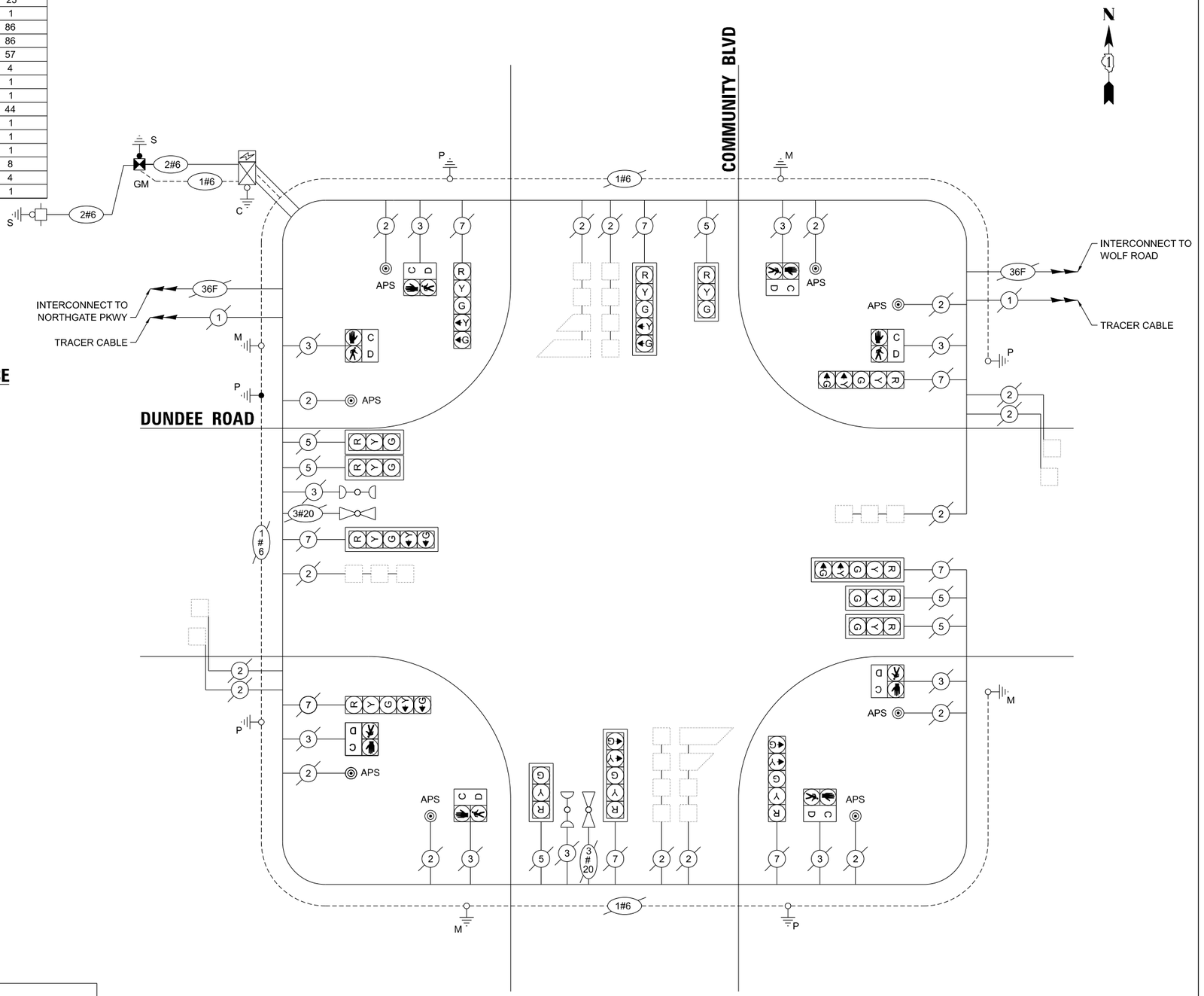
LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

ENERGY COSTS TO:

VILLAGE OF WHEELING
2 COMMUNITY BOULEVARD
WHEELING, IL 60090

ENERGY SUPPLY: CONTACT: AXL DAVIS
PHONE: 776-231-2969
COMPANY: COMED
ACCOUNT NUMBER: 5105014000



CABLE PLAN
(NOT TO SCALE)

TS 11692
ECON 92

USER NAME = $USER$	DESIGNED - EA	REVISED -	
PLOT SCALE = 0.16666667 ' / In.	DRAWN - BR	REVISED -	
PLOT DATE = $DATE$	CHECKED - MAA	REVISED -	
PLOT TIME = $TIME$	DATE - 05/05/2025	REVISED -	

DBS — DB STERLIN CONSULTANTS, INC.
123 N. Wacker Drive, Suite 2000
Chicago, Illinois 60606
312.857.1006

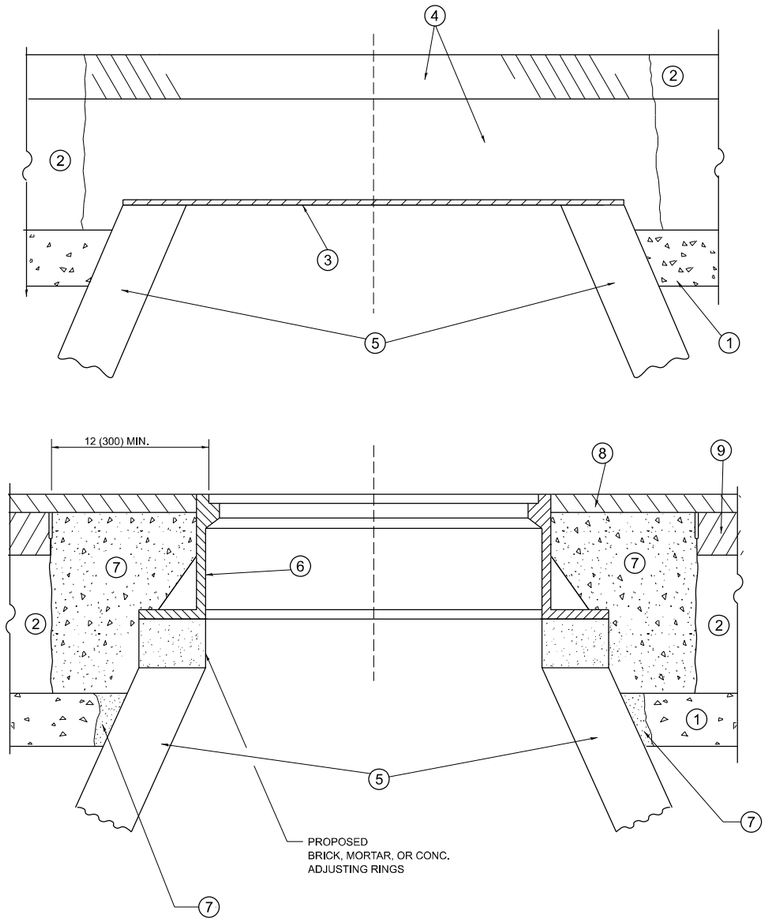
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, SCHEDULE OF QUANTITIES & EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL–68 (DUNDEE RD) & COMMUNITY BLVD

SCALE: NONE | SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	73
		CONTRACT NO. 62F86		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: pw:\\dbsterlin-pw.bentley.com:dbsterlin-pwse01\Documents\Projects\PTB 203>0177\Task>008\600 CADD Drawings\606 Electrical\Sheets\62T29_pm_TSCable>DundeeCommunity.dgn



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.

B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.

C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.

D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.

B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.

C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

1. SUB-BASE GRANULAR MATERIAL
2. EXISTING PAVEMENT
3. 36 (900) DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTES)
7. CLASS PP-2* CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: BD08 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0976861\D121418-sht-DistStds.dgn

USER NAME = naveed.hassan	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	
	DRAWN -	REVISED - R. BORO 12-06-11	
	CHECKED -	REVISED - K. SMITH 11-18-22	
PLOT DATE = 6/23/2025	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE | SHEET A001 OF 13 SHEETS | STA. | TO STA.

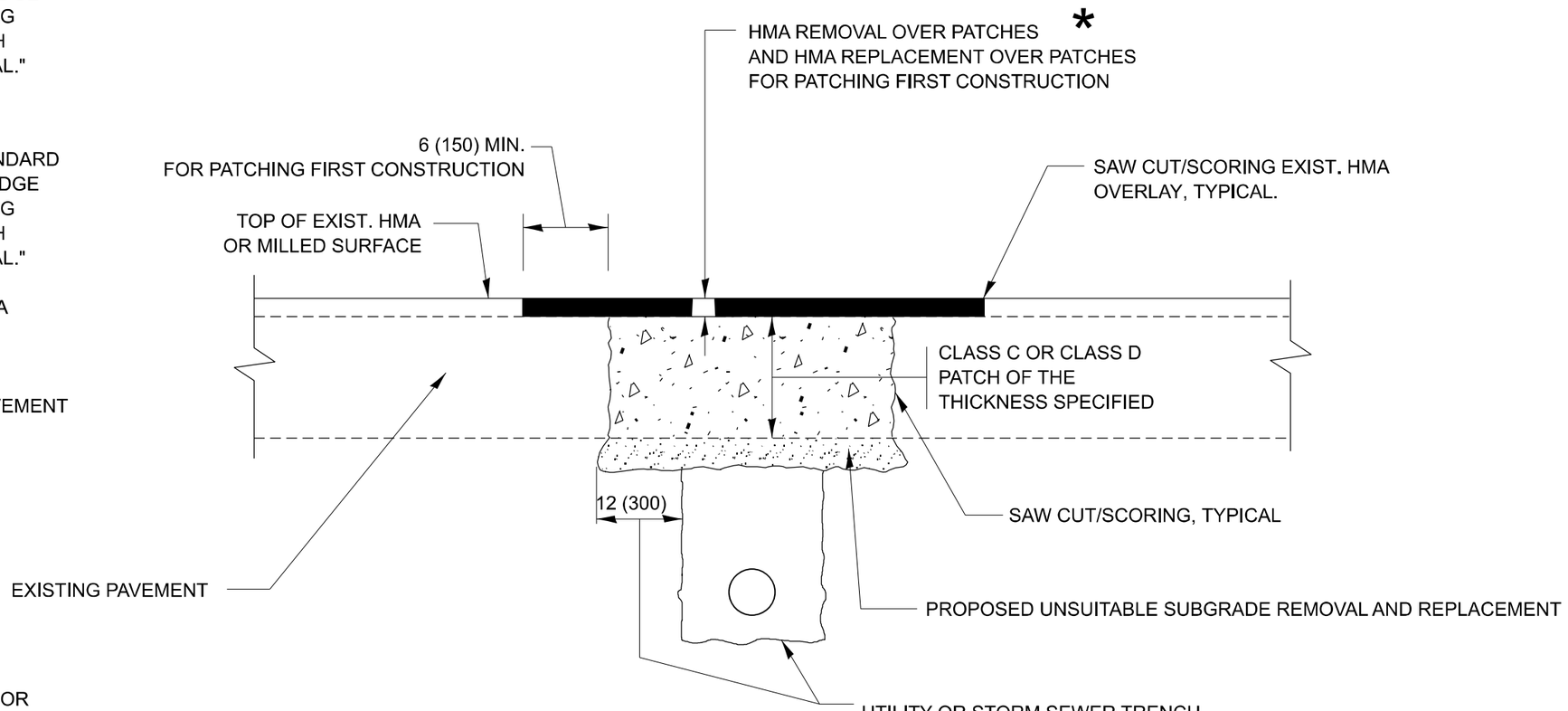
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	74
	BD600-03 (BD-08)	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

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 ½ 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.

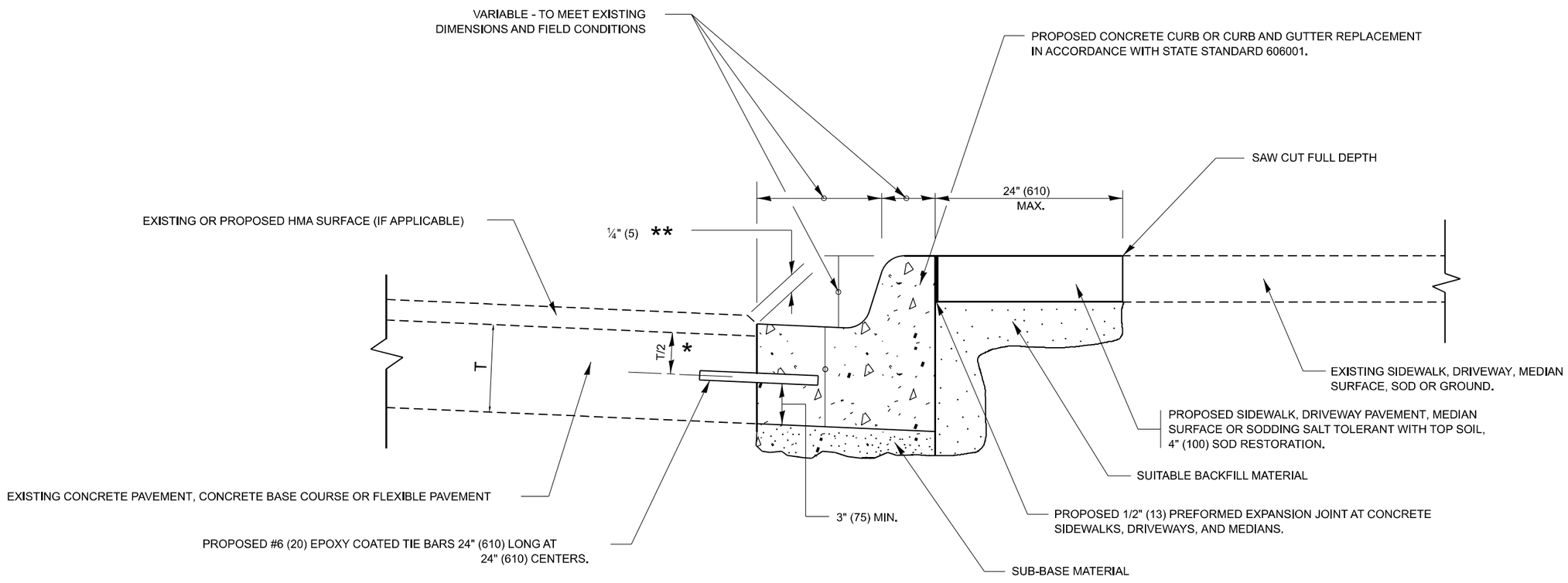
MODEL: BD22 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D1214 18-sh-DistStds.dgn

USER NAME = naveed.hassan	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED - R. BORO 09-04-07	
	CHECKED -	REVISED - K. ENG 10-27-08	
PLOT DATE = 6/17/2025	DATE - 10-25-94	REVISED - K. SMITH 11-18-22	

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

SCALE: NONE | SHEET A002 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	75
	BD400-04 (BD-22)	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

MODEL: BD24 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861D121418-sht-DistStds.dgn

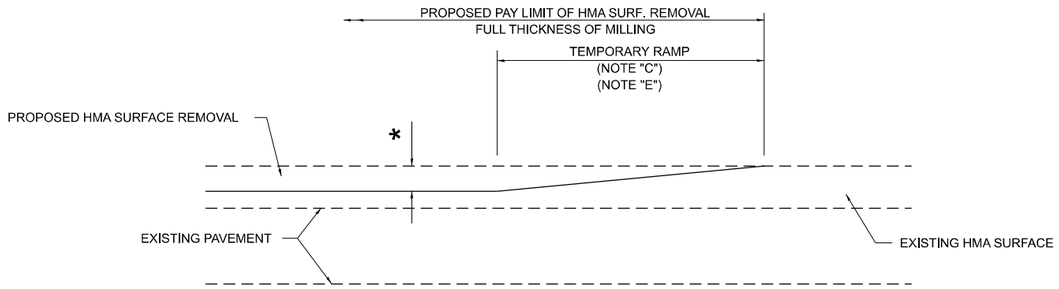
USER NAME = naveed.hassan	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	
	DRAWN -	REVISED - M. GOMEZ 01-22-01	
	CHECKED -	REVISED - R. BORO 12-15-09	
PLOT DATE = 6/23/2025	DATE - 03-11-94	REVISED - K. SMITH 07-11-19	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: NONE | SHEET A003 OF 13 SHEETS | STA. | TO STA.

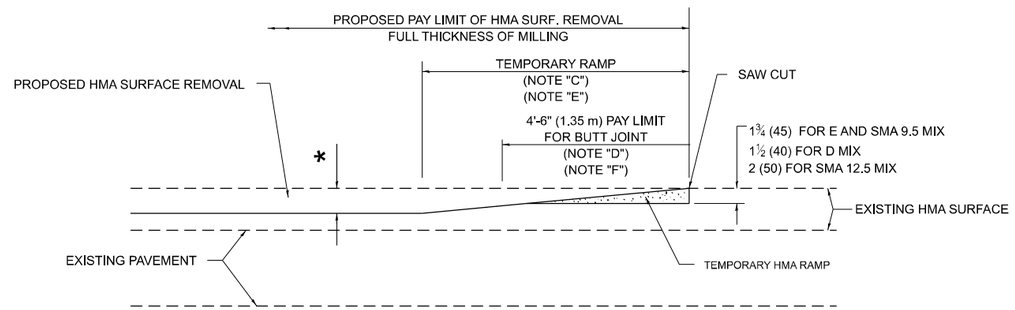
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	76
	BD600-06 (BD-24)	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

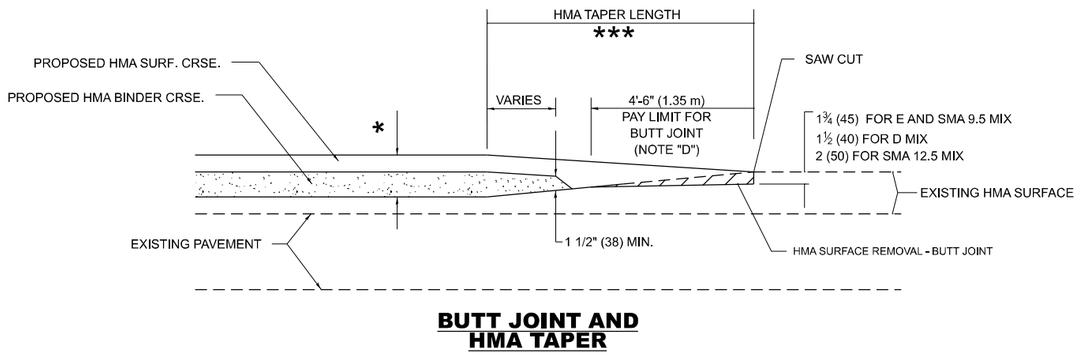


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

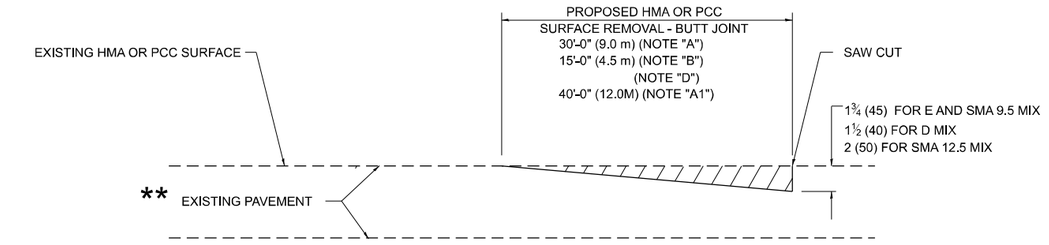
OPTION 2

TYPICAL TEMPORARY RAMP

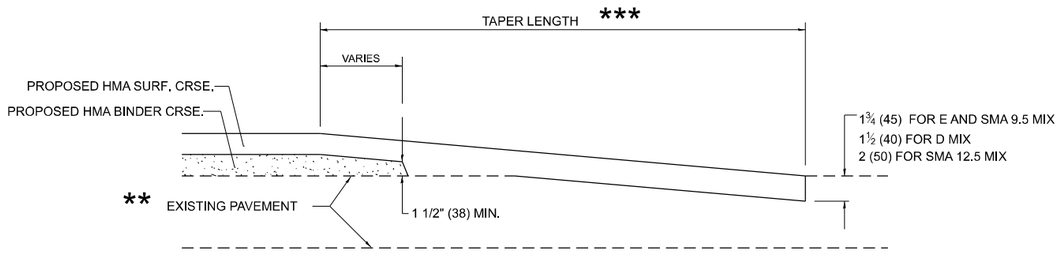


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

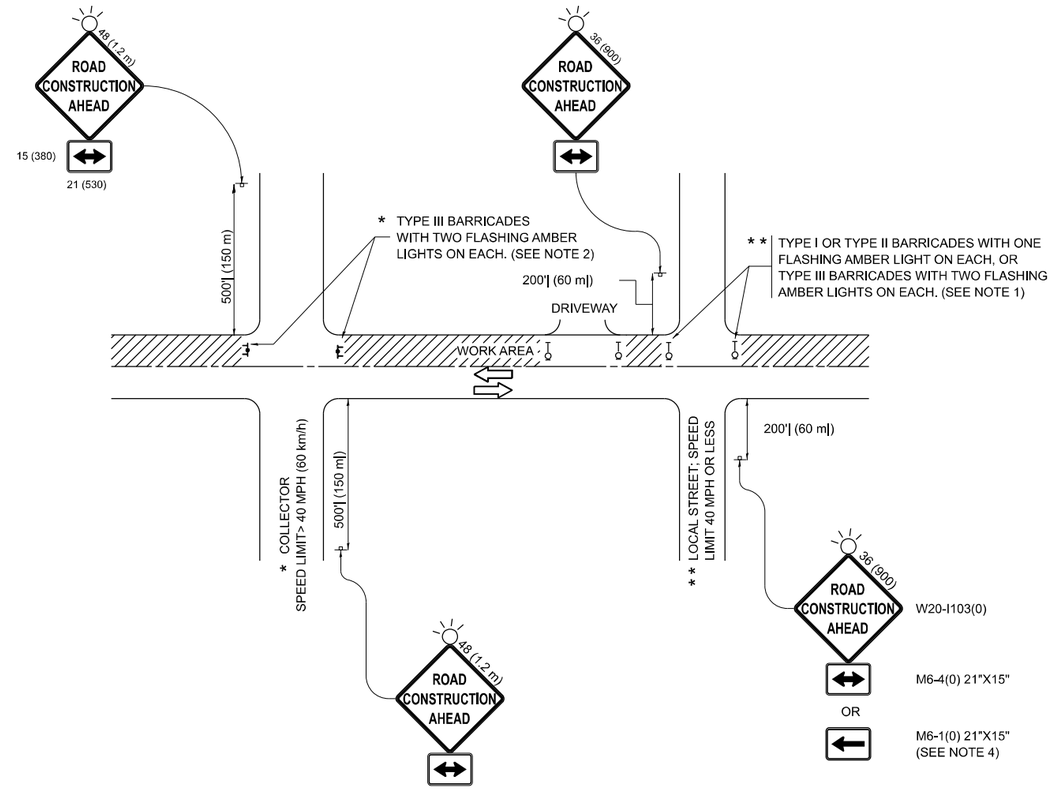
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

MODEL: BD32 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0976861\D121418-sht-DistStds.dgn

USER NAME = naveed.hassan	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**BUTT JOINT AND HMA TAPER DETAILS**	
	DRAWN -	REVISED - M. GOMEZ 04-06-01			
	CHECKED -	REVISED - R. BORO 01-01-07			
PLOT DATE = 6/23/2025	DATE - 06-13-90	REVISED - K. SMITH 11-18-22		SCALE: NONE SHEET A004 OF 13 SHEETS STA. TO STA.	

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	77
	BD400-05 BD-32	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING 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.

MODEL: TC-10 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D1212418-sht-DistStds.dgn

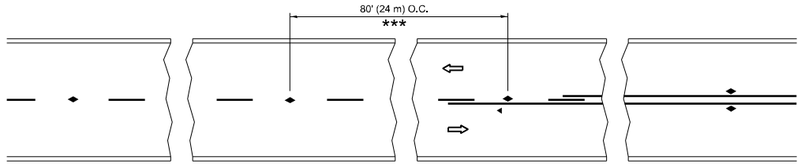
USER NAME = naveed.hassan	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00	
	DRAWN -	REVISED - A. SCHUETZE 07-01-13	
	CHECKED -	REVISED - A. SCHUETZE 09-15-06	
PLOT DATE = 6/23/2025	DATE - 06-89	REVISED - D. SENDERAK 05-03-24	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

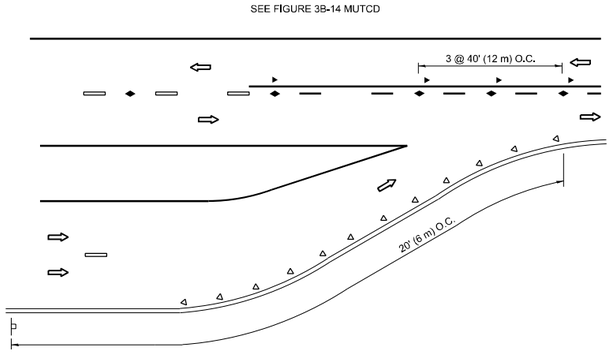
SCALE: | SHEET A005 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	78
	TC-10	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

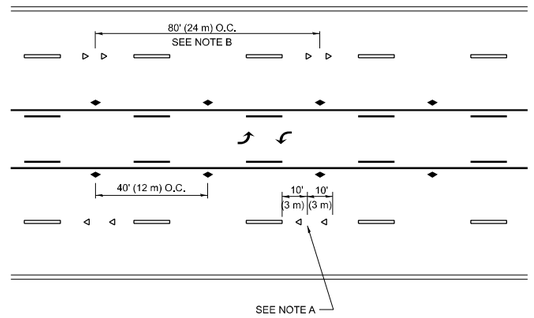


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

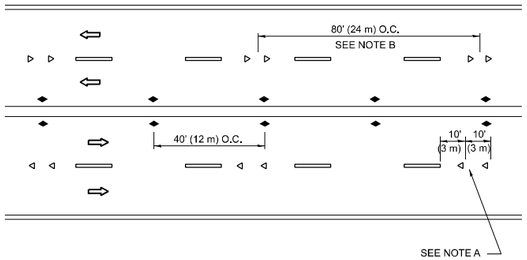
TWO-LANE/TWO-WAY



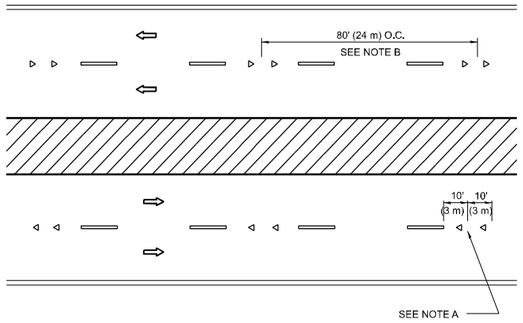
LANE REDUCTION TRANSITION



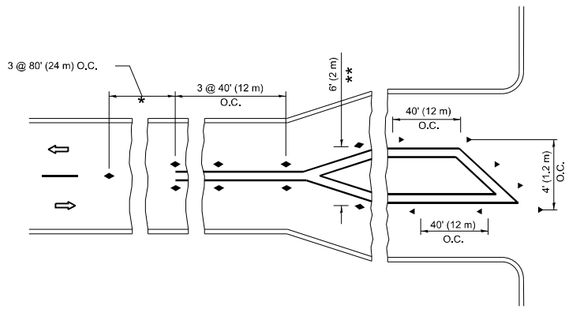
TWO-WAY LEFT TURN

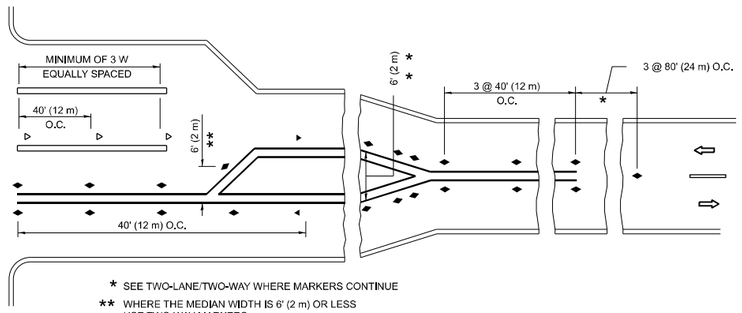


MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

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

MODEL: TC-11 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D1214 18-sht-DistStds.dgn

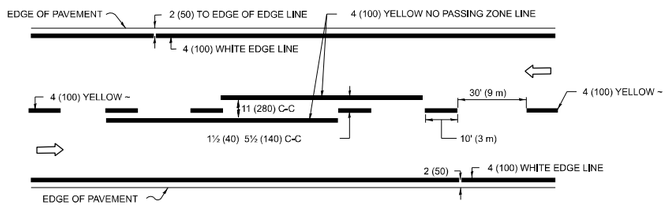
USER NAME = naveed.hassan	DESIGNED -	REVISED - T. RAMMACHER 03-12-99	
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
	CHECKED -	REVISED - C. JUCIUS 09-09-09	
PLOT DATE = 6/23/2025	DATE -	REVISED - C. JUCIUS 07-01-13	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

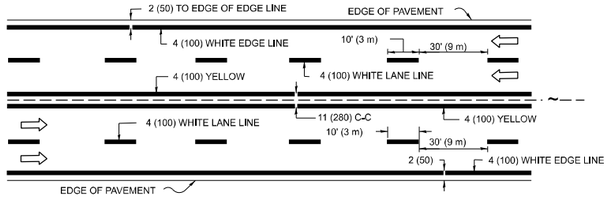
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE | SHEET A006 OF 13 SHEETS | STA. | TO STA.

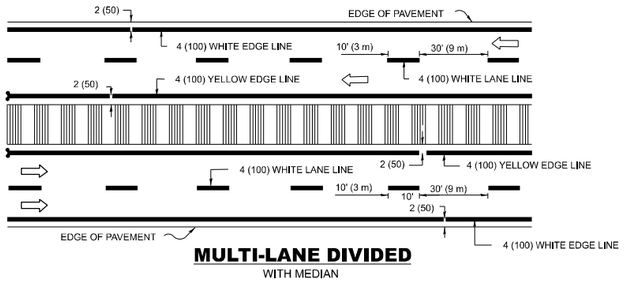
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	79
	TC-11	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			



2-LANE ROADWAY

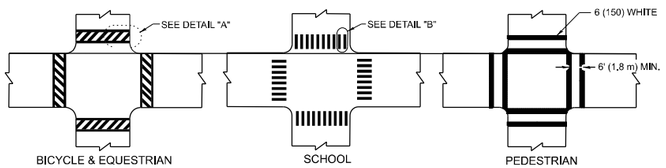


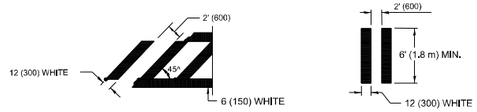
MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

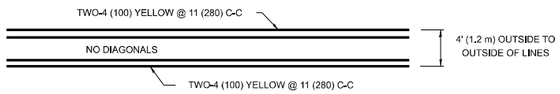




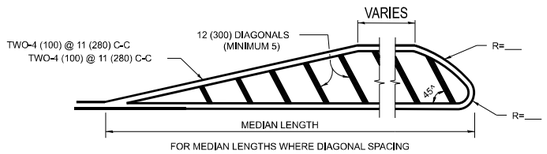
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



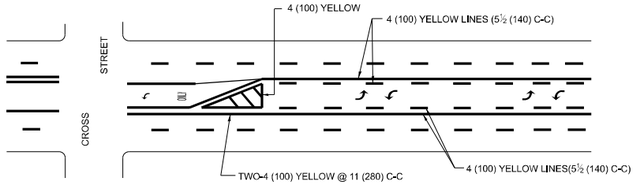
4' (1.2 m) WIDE MEDIANS ONLY



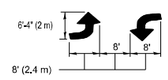
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

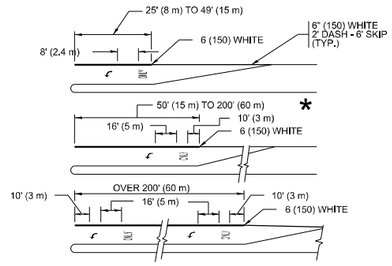


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

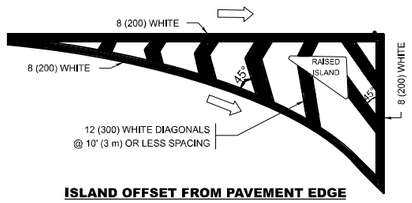


FULL SIZE LETTERS 8' (2,4 m) AND ARROWS SHALL BE USED.
AREA = 15,6 SQ. FT. (1,5 m²) ONLY AREA = 20,8 SQ. FT. (1,9 m²)

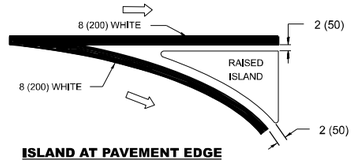
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

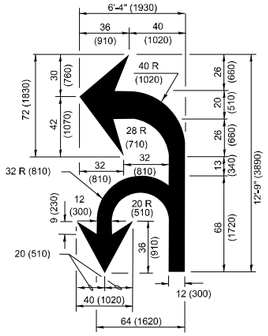


ISLAND OFFSET FROM PAVEMENT EDGE

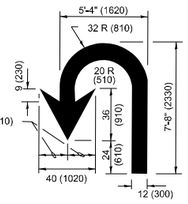


ISLAND AT PAVEMENT EDGE

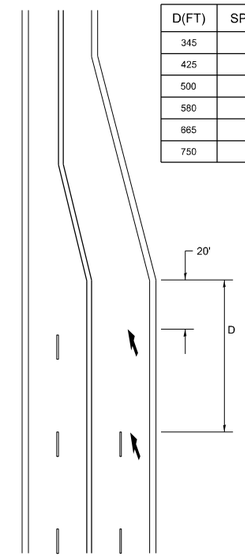
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
865	50
750	55

LANE REDUCTION TRANSITION

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

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	5½ (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: 5½ (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 m²) EACH "X"=54,0 SQ. FT. (5,0 m²)
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.

MODEL: TC-13 [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0976861\D1211418-sht-DistStds.dgn

USER NAME = naveed.hassan	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	
	DRAWN -	REVISED - C. JUCIUS 07-01-13	
	CHECKED -	REVISED - C. JUCIUS 12-21-15	
PLOT DATE = 6/23/2025	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET A007 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	80
	TC-13	CONTRACT NO. 62F86		
		ILLINOIS FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

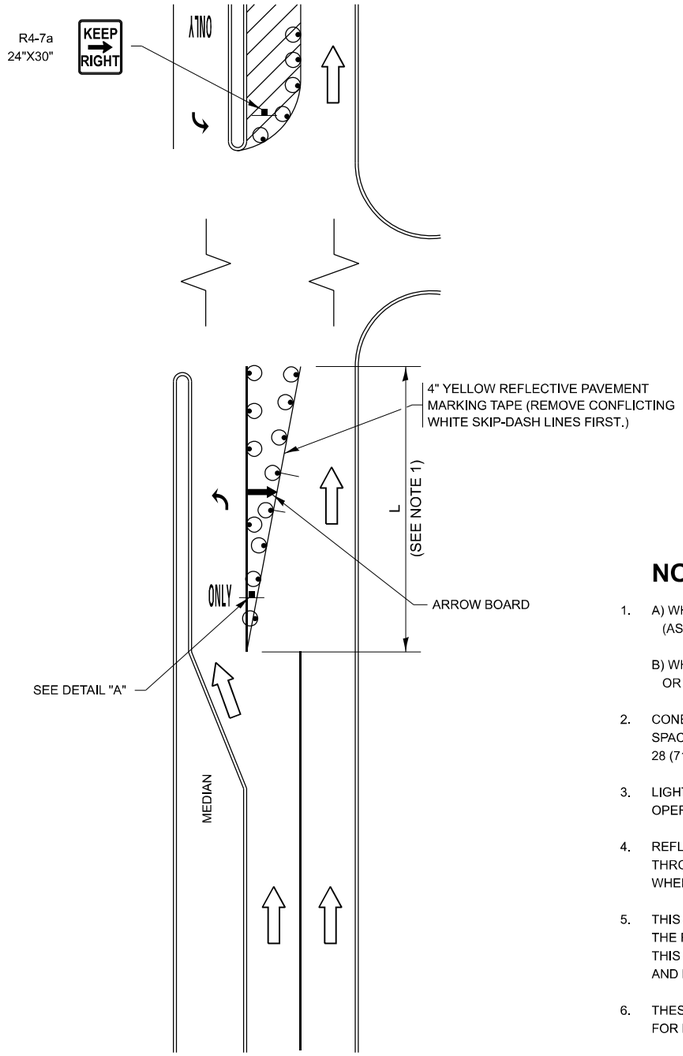


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

2. 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.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

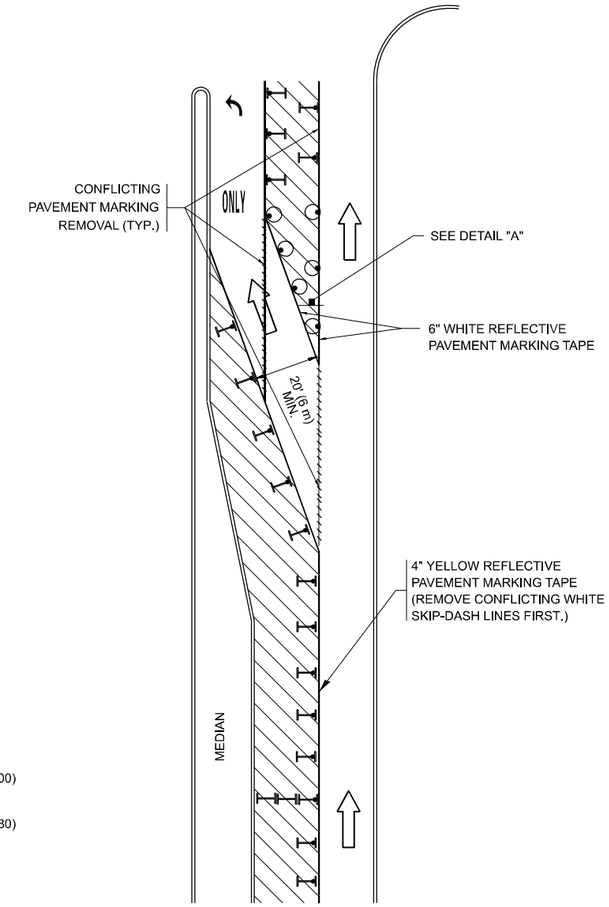
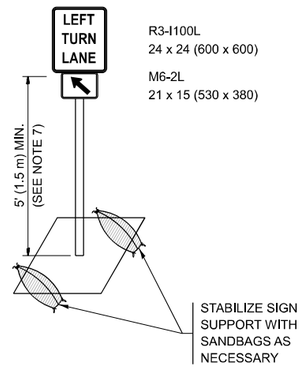


FIGURE 2



DETAIL A

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

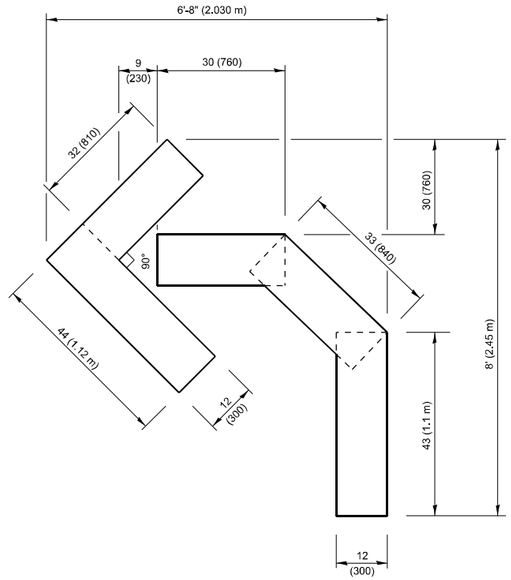
MODEL: TC-14 [Sheet]
FILE NAME: c:\pw_work\pwdot\hassamn\d0976861\D121418-sht-DistStds.dgn

USER NAME = naveed.hassan	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 6/23/2025	DATE - T. RAMMACHER 01-06-00	REVISED -	

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

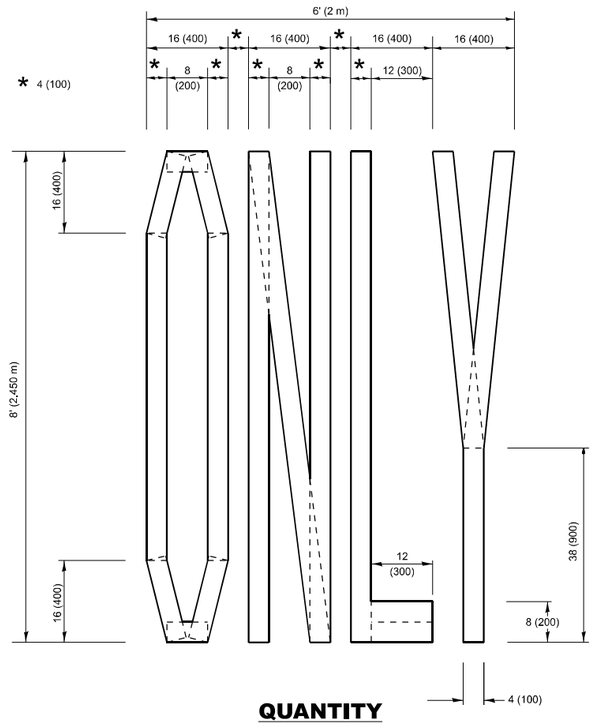
SCALE: NONE | SHEET A008 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	81
	TC-14	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			



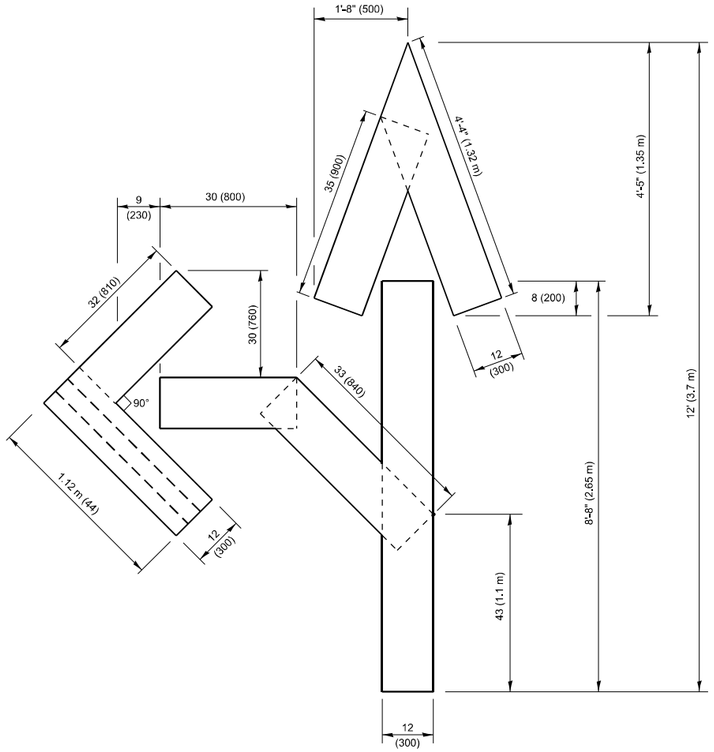
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

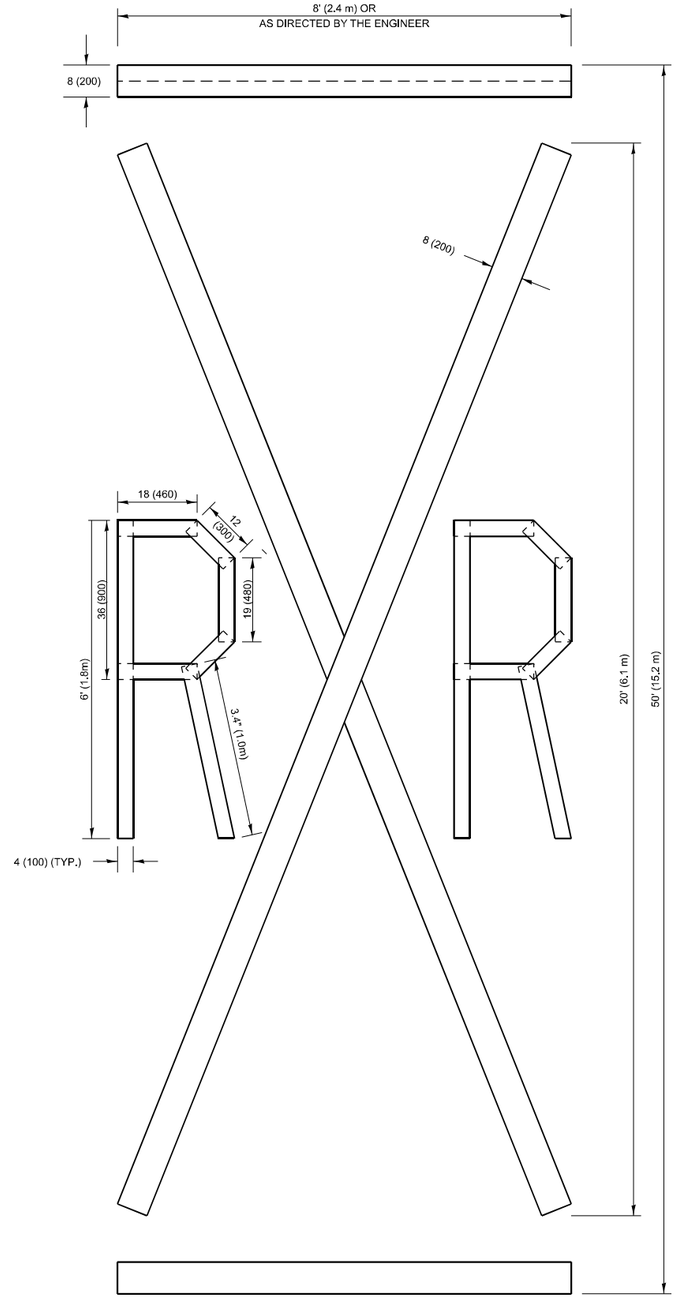


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

MODEL: TC-16 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D1214\18-sht-DistStds.dgn

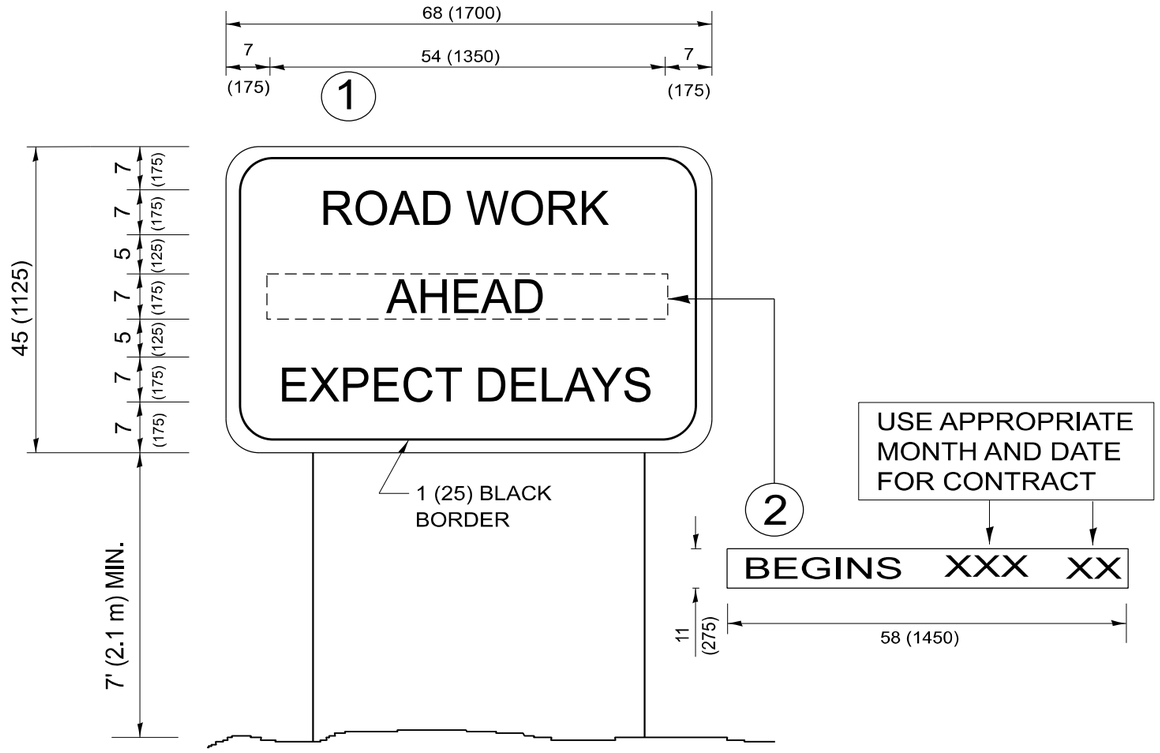
USER NAME = naveed.hassan	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 6/23/2025	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE | SHEET A009 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	82
	TC-16	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

MODEL: TC-22 [Sheet]
FILE NAME: c:\dw_work\pwidot\hassannd\d0976861\D1214\18-sht-DistStds.dgn

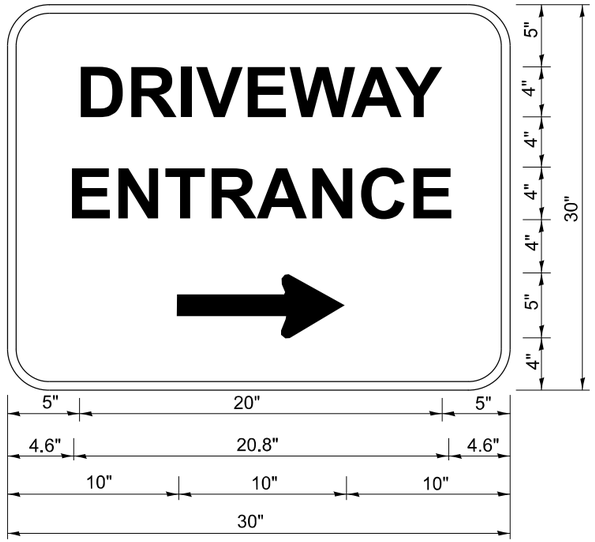
USER NAME = naveed,hassan	DESIGNED -	REVISED -	R. MIRS 09-15-97
	DRAWN -	REVISED -	R. MIRS 12-11-97
	CHECKED -	REVISED -	T. RAMMACHER 02-02-99
PLOT DATE = 6/23/2025	DATE -	REVISED -	C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE | SHEET A010 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	83
	TC-22	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL: TC-26 [Sheet]
FILE NAME: c:\pw_work\pwidothassanm\d0976861\D1214 18-sht-DistStds.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED - C. JUCIUS 02-15-07	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/23/2025	DATE -	REVISED -	

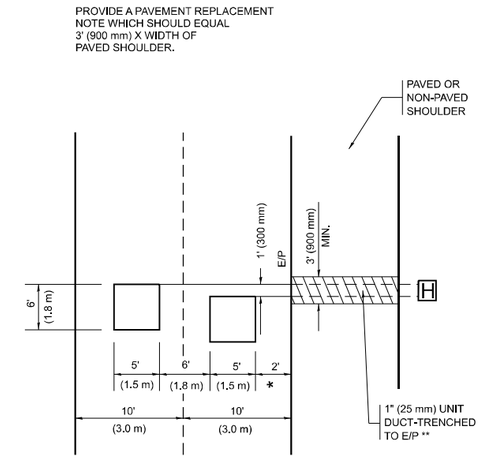
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE | SHEET A011 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	84
	TC-26	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

LOOPS NEXT TO SHOULDERS

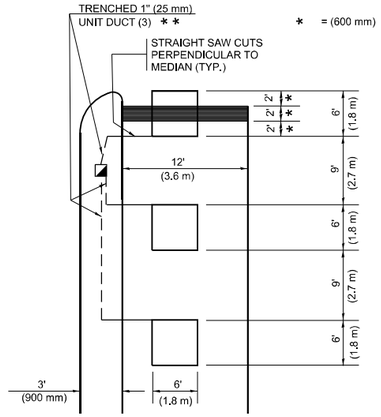


* = (600 mm)

* * UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

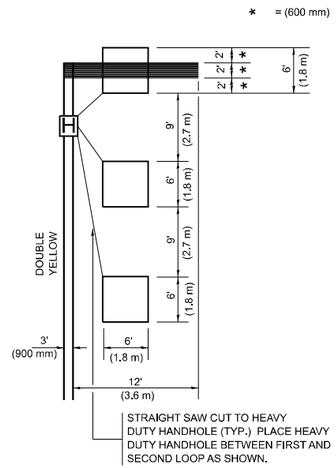


* * UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.

* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.

* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.

* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)

* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.

* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).

* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

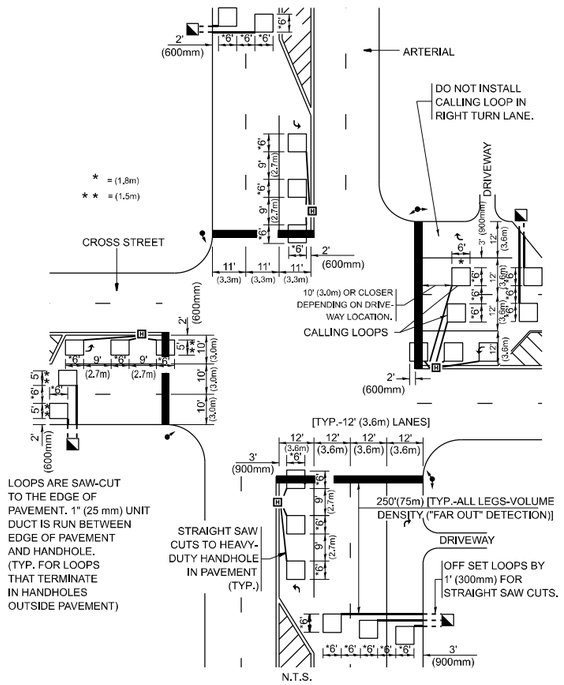
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

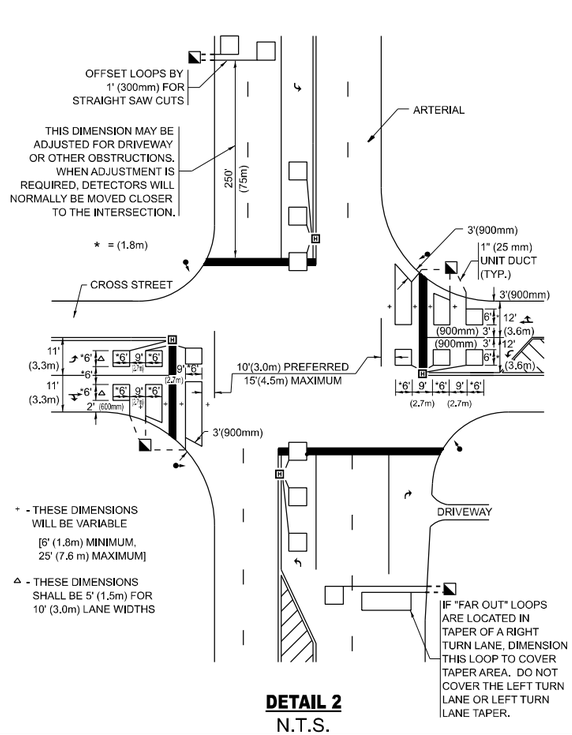
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED - R.K.F.	REVISED -	
PLOT DATE = 6/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

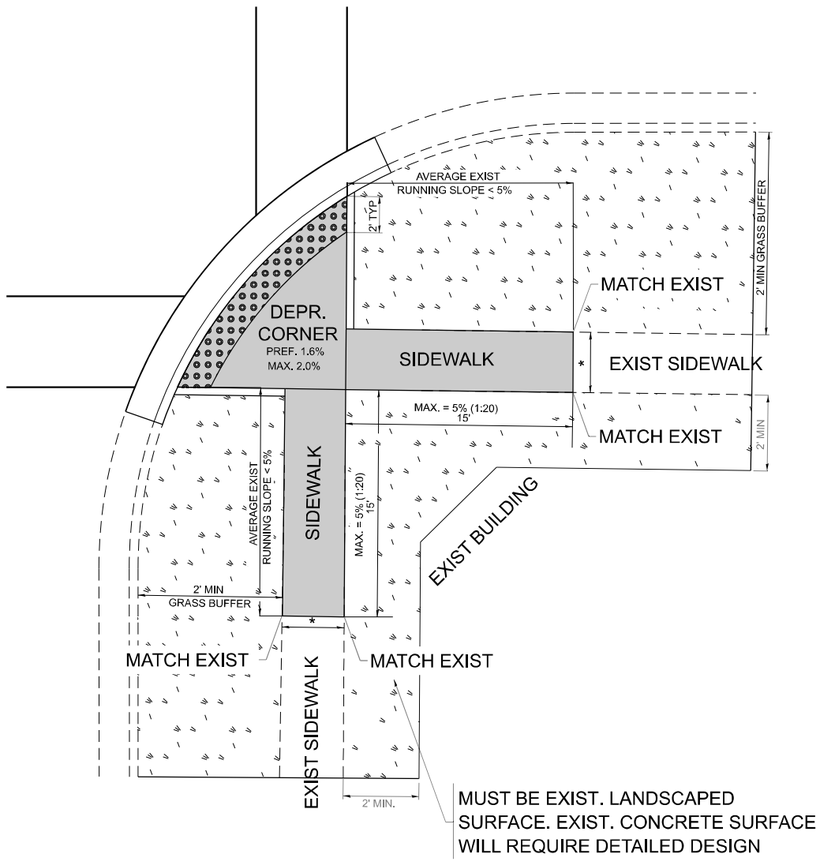
SCALE: NONE | SHEET A012 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	85
	TS-07	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

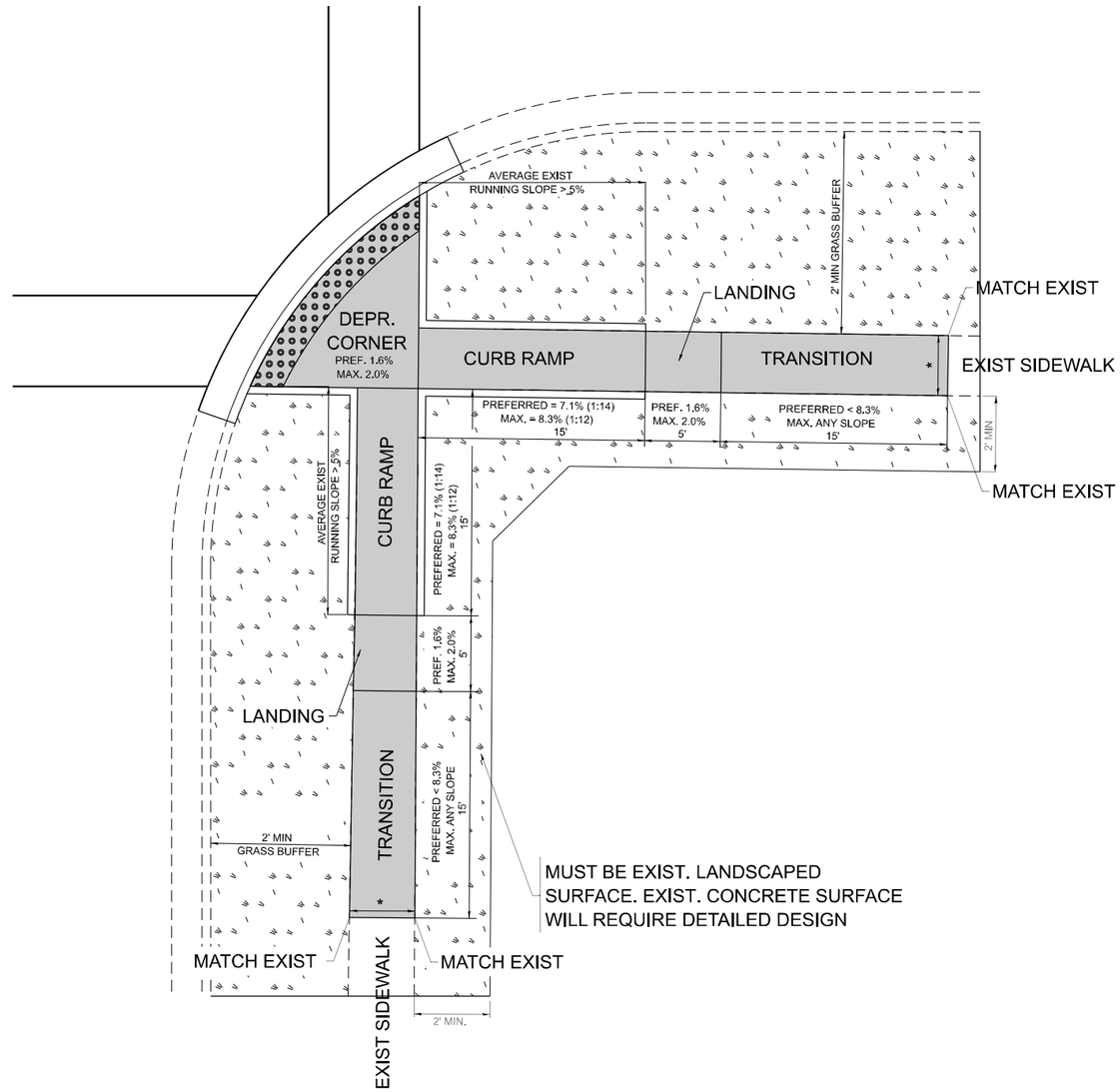
MODEL: TS-07 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D1214418-sht-DistStds.dgn

ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

PD-05A



PD-05B



LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS (PD-05)

SCALE: NONE | SHEET A013 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	86
	PD-05	CONTRACT NO. 62F86		
	ILLINOIS FED. AID PROJECT			

MODEL: PD-05 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0976861\D121418-sht-DistStds.dgn