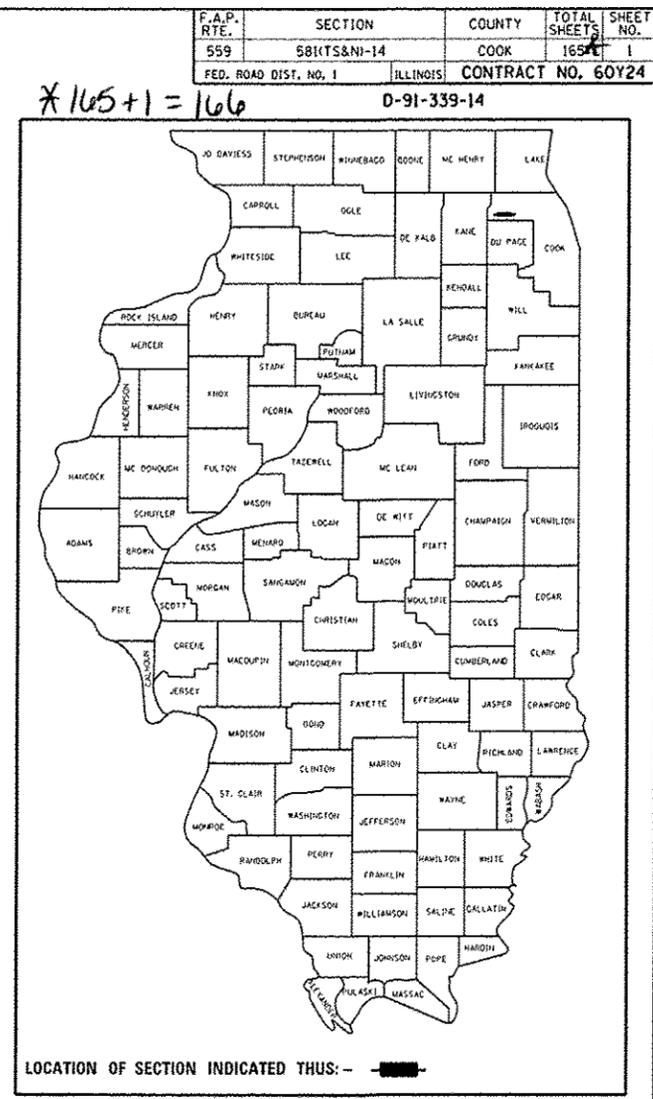


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

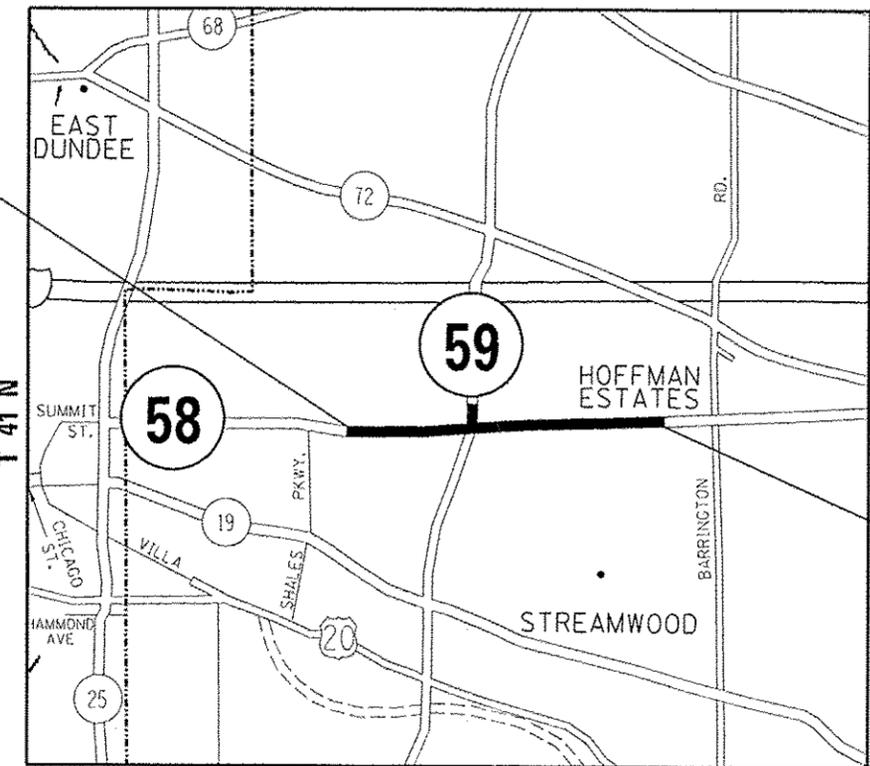
PROJECT LOCATED IN THE
 VILLAGE OF HOFFMAN ESTATES

FAP 559: ILLINOIS ROUTE 58 (GOLF ROAD)
EAST OF ROHRSSSEN ROAD TO WEST OF BARRINGTON ROAD
SECTION: 581(TS&N)-14
INTERSECTION IMPROVEMENT
AND TRAFFIC SIGNAL MODERNIZATION
PROJECT: ACHSIP-0559 (009)
COOK COUNTY
C-91-339-14
R 9 E

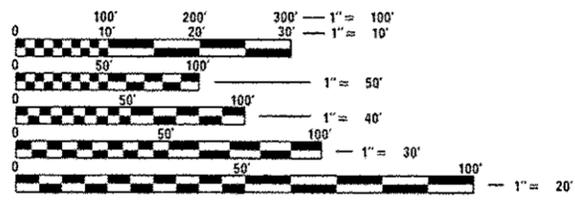


TRAFFIC DATA
 IL ROUTE 58, 2013 ADT=15,500
 IL ROUTE 59, 2013 ADT=40,300
 SPEED LIMIT=45-50 MPH

PROJECT BEGINS
 STA. 425 + 15



PROJECT ENDS
 STA. 616 + 00



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

HANOVER AND SHAUMBURG TOWNSHIPS
NET LENGTH OF PROJECT = 19,495 FT = 3.69 MILES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED December 9, 2015

John F. Johnson
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 29, 2016
Muhammad M. Adib, P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT

Jan 29, 2016
Omer Osman, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PROJECT ENGINEER: JENPAI CHANG (847) 705-4432
 PROJECT MANAGER: KEN ENG (847) 705-4247
 CONTRACT NO. 60Y24

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004	0021	0021	0021
				90% FED 10% STATE ROADWAY	90% FED 10% STATE T. SIGNALS	100% STATE LIGHTING	100% VILLAGE OF HOFFMAN ESTATES E.V.P.
20200100	EARTH EXCAVATION	CU YD	4288	4288			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	802	802			
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1126	1126			
25000210	SEEDING, CLASS 2A	ACRE	3.1	3.1			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	250	250			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	250	250			
25100630	EROSION CONTROL BLANKET	SQ YD	15000	15000			
25200200	SUPPLEMENTAL WATERING	UNIT	75	75			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	310	310			
28000305	TEMPORARY DITCH CHECKS	FOOT	40	40			
28000400	PERIMETER EROSION BARRIER	FOOT	8500	8500			
28000510	INLET FILTERS	EACH	5	5			
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	910	910			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	17035	17035			
35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	420	420			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004	0021	0021	0021
				90% FED 10% STATE ROADWAY	90% FED 10% STATE T. SIGNALS	100% STATE LIGHTING	100% VILLAGE OF HOFFMAN ESTATES E.V.P.
35600715	HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4"	SQ YD	490	490			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8460	8460			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	21	21			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	695	695			
42001300	PROTECTIVE COAT	SQ YD	450	450			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	140	140			
42400800	DETECTABLE WARNINGS	SQ FT	50	50			
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	5290	5290			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	600	600			
44000600	SIDEWALK REMOVAL	SQ FT	185	185			
44003100	MEDIAN REMOVAL	SQ FT	6740	6740			
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	4325	4325			
44004250	PAVED SHOULDER REMOVAL	SQ YD	1000	1000			
13	* SPECIALTY ITEMS						

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF RD) AT E/O ROHRSEN RD TO W/O BARRINGTON RD SUMMARY OF QUANTITIES

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
Office District: N70, Jct. N70 & C-1000, Design: P1314			
PLOT SCALE :	CHECKED :	REVISIONS :	
PLOT DATE :	DATE :		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581TS&N-14	COOK	165	3
FED. ROAD DIST. NO. 1 ILLINDIST. FED. AID PROJECT			CONTRACT NO. 60Y24	

SCALE: SHEET NO. OF SHEETS STA. TO STA.

URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004	0021	0021	0021
				90% FED 10% STATE ROADWAY	90% FED 10% STATE T. SIGNALS	100% STATE LIGHTING	100% VILLAGE OF HOFFMAN ESTATES E.V.P.
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	22	22			
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	22	22			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1700	1700			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	410	410			
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1		1		
* 80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1	1			
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1	1			
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2005	2005			
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	235	175	60		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	796	120	676		
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	805	805			
* 81400100	HANDHOLE	EACH	10	10			
* 81400200	HEAVY-DUTY HANDHOLE	EACH	8	8			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004	0021	0021	0021
				90% FED 10% STATE ROADWAY	90% FED 10% STATE T. SIGNALS	100% STATE LIGHTING	100% VILLAGE OF HOFFMAN ESTATES E.V.P.
* 81400300	DOUBLE HANDHOLE	EACH	2	2			
* 81603070	UNIT DUCT, 600V, 2-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1830			1830	
* 81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	3820			3820	
* 81702170	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2/0	FOOT	180			180	
* 81800190	AERIAL CABLE, 2-1/C NO. 2 WITH MESSENGER WIRE	FOOT	1410			1410	
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	2210			2210	
* 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	51			51	
* 82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1			1	
* 83050800	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM	EACH	27			27	
* 83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	22			22	
10	* SPECIALTY ITEMS						

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 90% FED 10% STATE ROADWAY	0021 90% FED 10% STATE T. SIGNALS	0021 100% STATE LIGHTING	0021 100% VILLAGE OF HOFFMAN ESTATES E.V.P.	CODE NO	ITEM	UNIT	0004 90% FED 10% STATE ROADWAY		0021 90% FED 10% STATE T. SIGNALS	0021 100% STATE LIGHTING	0021 100% VILLAGE OF HOFFMAN ESTATES E.V.P.		
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	270			270		* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	120		120				
* 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	27			27		* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1331		1331				
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	12			12		* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4		4				
84200804	REMOVAL OF POLE FOUNDATION	EACH	12			12		* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	3		3				
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1			* 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1		1				
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1			* 87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1		1				
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4026		4026			* 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	2		2				
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2638		2638			* 87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1		1				
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1406		1406			* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	44		44				
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3081		3081			* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8		8				
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3730		3730			* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	104		104				
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3612		3612			11	* SPECIALTY ITEMS								

URBAN

URBAN

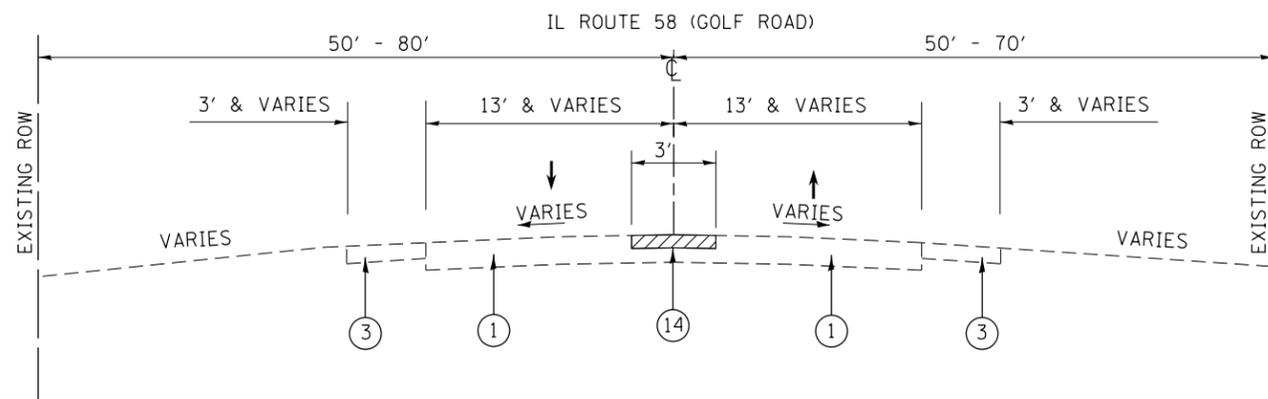
SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004	0021	0021	0021
				90% FED 10% STATE	90% FED 10% STATE	100% STATE	100% VILLAGE OF HOFFMAN ESTATES E.V.P.
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III	SQ FT	146	146			
	- LETTERS AND SYMBOLS						
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III,	FOOT	58985	58985			
	4 INCH						
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III,	FOOT	620	620			
	6 INCH						
* X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT	FOOT	19250	19250			
	MARKING LINE - 4 INCH						
* X8250065	TEMPORARY LIGHTING CONTROLLER, 240	EACH	1			1	
	VOLT, POLE MOUNTED						
* X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1			1	
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2		2		
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO.	FOOT	4026		4026		
	62.5/125, MM12F SM24F						
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1			
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	154.2	154.2			
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	18			18	
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	24			24	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0004	0021	0021	0021
				90% FED 10% STATE	90% FED 10% STATE	100% STATE	100% VILLAGE OF HOFFMAN ESTATES E.V.P.
* Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL	EACH	1		1		
	2						
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2		2		
* X1400147	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V	FOOT	200			200	
	(XLP-TYPE TC) 2/C NO. 10 AND NO. 10 GROUND						
3							
φ Z0076600	TRAINEES	HOOR	500	500			
φ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	500	500			
* SPECIALTY ITEMS φ 0042							

EARTHWORK						
1	2	3	4	5	6	7
IL ROUTE 58 AT E/O ROHRSSEN ROAD TO W/O BARRINGTON ROAD	EARTH EXCAVATION (CU YD)	EMBANKMENT (CU YD)	ADJUSTMENT FOR SHRINKAGE (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	UNSUITABLE MATERIAL (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)
IL ROUTE 58, WESTBOUND (STA. 425+15 TO STA. 616+00) - STAGE 1	1,803	570	1,533	963	405	543
IL ROUTE 58, EASTBOUND (STA. 425+15 TO STA. 616+00) - STAGE 2	1,978	604	1,681	1,077	296	542
IL ROUTE 58, MEDIAN (STA. 497+60 TO STA. 507+13) - STAGE 3	237	0	201	201	0	0
IL ROUTE 59 (STA. 300+00 TO STA. 304+60) - STAGE 4	270	87	230	143	101	41
TOTAL	4,288	1,261	3,645	2,384	802	1,126
<p>COLUMN 1: LOCATION FROM PLANS COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIAL COLUMN 3: QUANTITIES FROM CROSS SECTIONS (FILL) COLUMN 4: EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR IS 15% COLUMN 5: COLUMN 4 - COLUMN 3 POSITIVE QUANTITY = EXTRA EXCAVATION NEGATIVE QUANTITY = FURNISHED EXCAVATION NEEDED COLUMN 6: CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT COLUMN 7: TOPSOIL EXCAVATION AND PLACEMENT = AREA OF SOD AND TOPSOIL</p>						

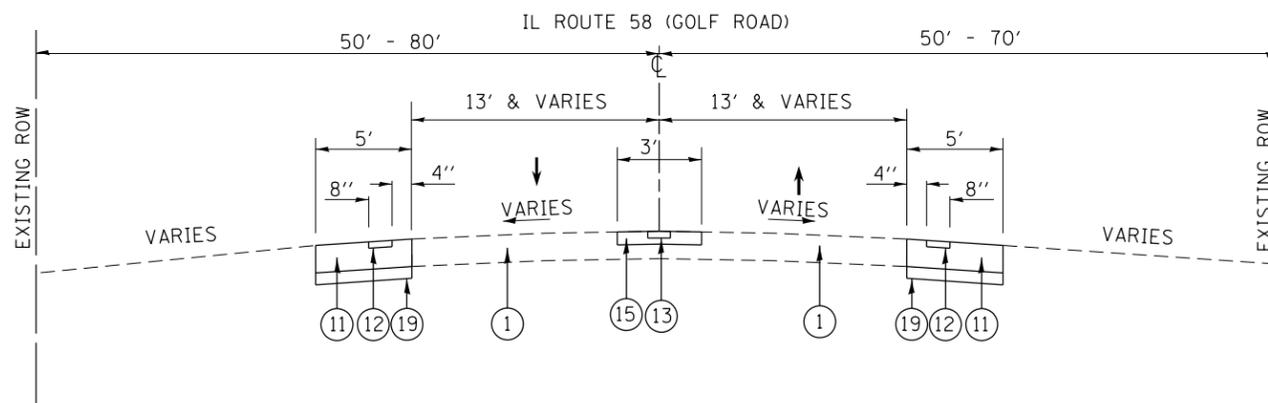
NOTES:

- TOPSOIL SHALL BE EXCAVATED TO A DEPTH OF 6" THROUGHOUT THE PROJECT LIMITS ALONG IL ROUTE 58 AND DEPTH OF 12" ALONG IL ROUTE 59.
- EXCAVATED TOPSOIL REQUIRED AT LOCATIONS OF NEW SOD AS SHOWN ON THE LANDSCAPING PLAN SHALL BE PLACED AT A DEPTH OF 4" AND PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.
- EXCAVATED TOPSOIL NOT REQUIRED ON THE PROJECT SHALL BE CONSIDERED UNSUITABLE MATERIAL AND PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.



**EXISTING TYPICAL CROSS SECTION
IL ROUTE 58 (GOLF ROAD)**

STA. 425+00 TO STA. 495+55
STA. 507+13 TO STA. 530+32
STA. 546+49 TO STA. 617+00



**PROPOSED TYPICAL CROSS SECTION
IL ROUTE 58 (GOLF ROAD)**

STA. 425+00 TO STA. 495+55
STA. 507+13 TO STA. 530+32
STA. 546+49 TO STA. 617+00

NOTES:

CENTERLINE RUMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

LEGEND

- ① EXISTING HMA PAVEMENT
- ② EXISTING PCC PAVEMENT
- ③ EXISTING SHOULDER
- ④ EXISTING COMB. CONC. CURB & GUTTER
- ⑤ EXISTING MEDIAN
- ⑥ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑦ PROPOSED MEDIAN REMOVAL
- ⑧ PROPOSED COMB. CONC. CURB & GUTTER REMOVAL
- ⑨ PROPOSED CONCRETE MEDIAN, TYPE SB-6.12
- ⑩ PROPOSED COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ⑪ PROPOSED HMA SHOULDER, 8"
- ⑫ PROPOSED SHOULDER RUMBLE STRIPS, (8" WIDE)
- ⑬ PROPOSED CENTER LINE RUMBLE STRIP, (16" WIDE)
- ⑭ PROPOSED HMA SURFACE REMOVAL, 2"
- ⑮ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2"
- ⑯ PROPOSED HMA BASE COURSE WIDENING, 9 3/4"
- ⑰ PROPOSED HMA BASE COURSE WIDENING, 8"
- ⑱ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑲ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USES	DESIGN AIR VOIDS @ N _{DES}	QMP
PAVEMENT WIDENING AND RESURFACING		
HMA SURFACE COURSE, MIX "D", N70, (IL-9.5 mm), 2"	4% AT 70 GYR.	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER IL-19.0), 8"	4% AT 70 GYR.	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER IL-19.0), 9 3/4"	4% AT 70 GYR.	QC/QA
SHOULDERS		
HMA SHOULDER, 8" (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)		

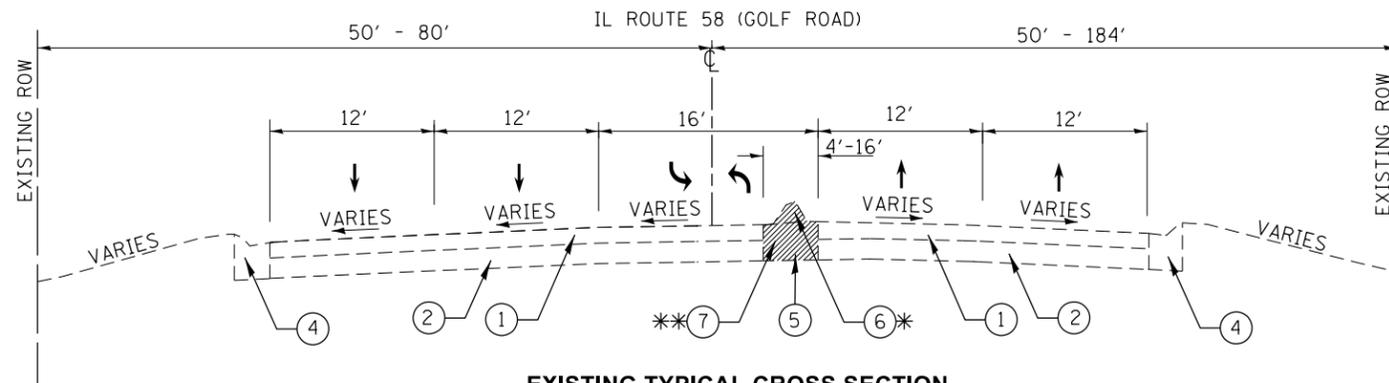
NOTES:

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

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

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

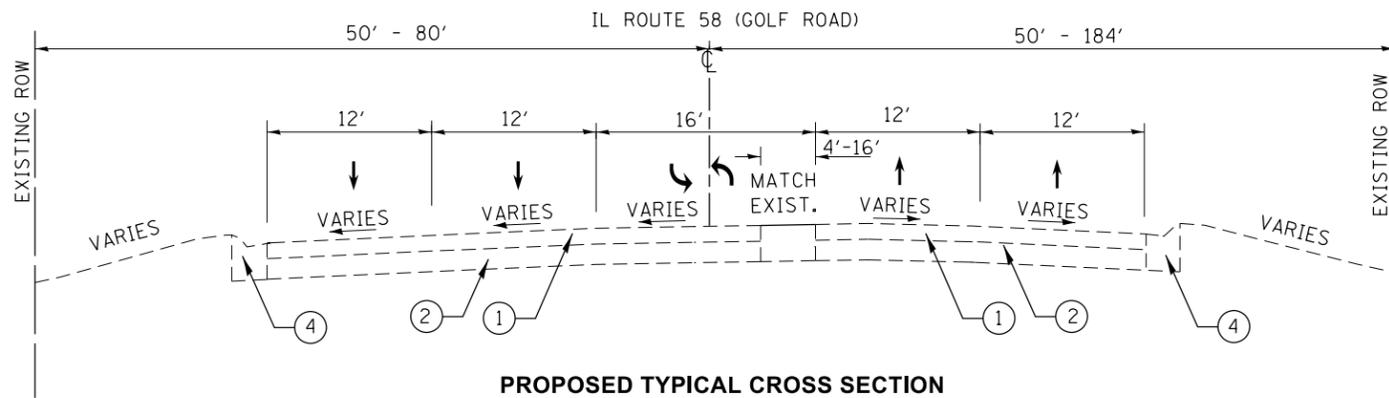
FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\IL084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\PI13712\Drawings\Design\PI13712-sht-typical.dgn		CHECKED -	REVISED -		IL ROUTE 58 (GOLF RD) AT E/O ROHRSEN RD TO W/O BARRINGTON RD			559	581TS&N-14	COOK	165	10	
Default		DATE -	REVISED -		SCALE: NONE	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 60Y24	
												ILLINOIS FED. AID PROJECT	



**EXISTING TYPICAL CROSS SECTION
IL ROUTE 58 (GOLF ROAD)**

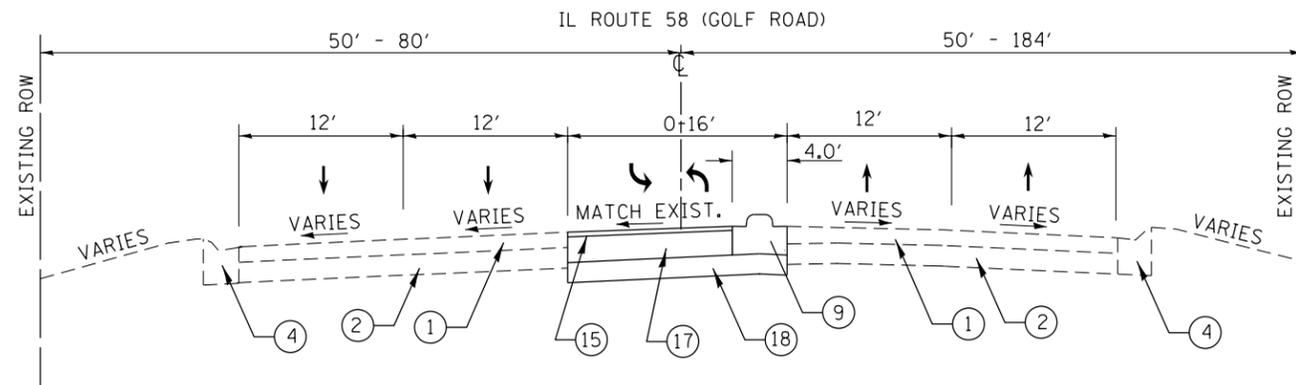
STA. 495+55 TO STA. 507+13
STA. 530+32 TO STA. 546+49

* STA. 495+55 TO STA. 497+60
** STA. 497+60 TO STA. 499+28 AND STA. 502+00 TO STA. 507+13



**PROPOSED TYPICAL CROSS SECTION
IL ROUTE 58 (GOLF ROAD)**

STA. 495+55 TO STA. 497+60



**PROPOSED TYPICAL CROSS SECTION
IL ROUTE 58 (GOLF ROAD)**

STA. 497+60 TO STA. 499+28
STA. 502+00 TO STA. 507+13

LEGEND

- ① EXISTING HMA PAVEMENT
- ② EXISTING PCC PAVEMENT
- ③ EXISTING SHOULDER
- ④ EXISTING COMB. CONC. CURB & GUTTER
- ⑤ EXISTING MEDIAN
- ⑥ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑦ PROPOSED MEDIAN REMOVAL
- ⑧ PROPOSED COMB. CONC. CURB & GUTTER REMOVAL
- ⑨ PROPOSED CONCRETE MEDIAN, TYPE SB-6.12
- ⑩ PROPOSED COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ⑪ PROPOSED HMA SHOULDER, 8"
- ⑫ PROPOSED SHOULDER RUMBLE STRIPS, (8" WIDE)
- ⑬ PROPOSED CENTER LINE RUMBLE STRIP, (16" WIDE)
- ⑭ PROPOSED HMA SURFACE REMOVAL, 2"
- ⑮ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2"
- ⑯ PROPOSED HMA BASE COURSE WIDENING, 9 3/4"
- ⑰ PROPOSED HMA BASE COURSE WIDENING, 8"
- ⑱ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑲ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"

NOTES:

CENTERLINE RUMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

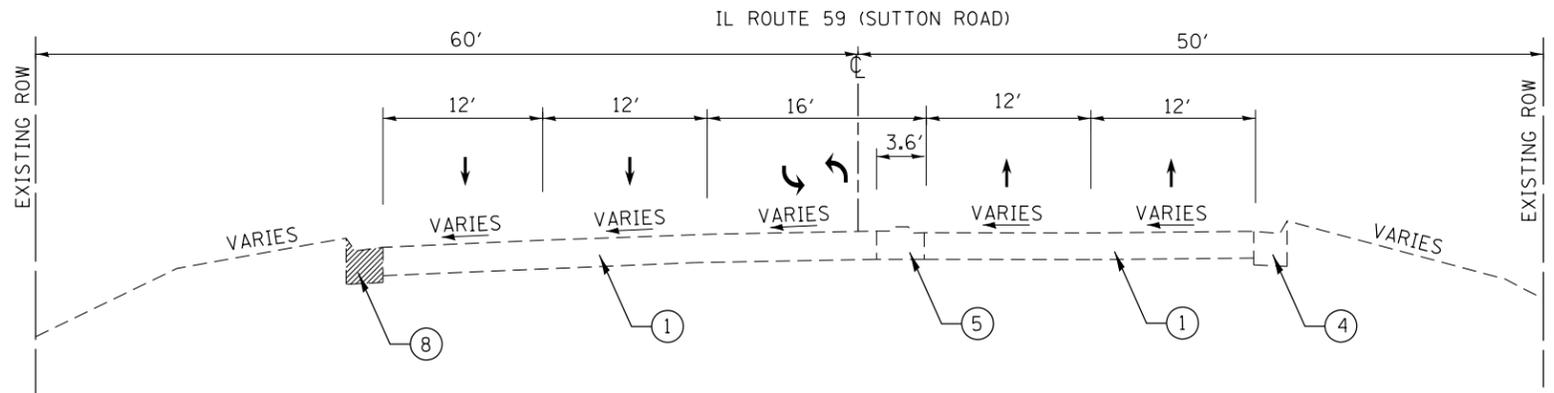
SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI13712\Design\PI13712-sht-typical.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/4/2015	DATE -	REVISED -

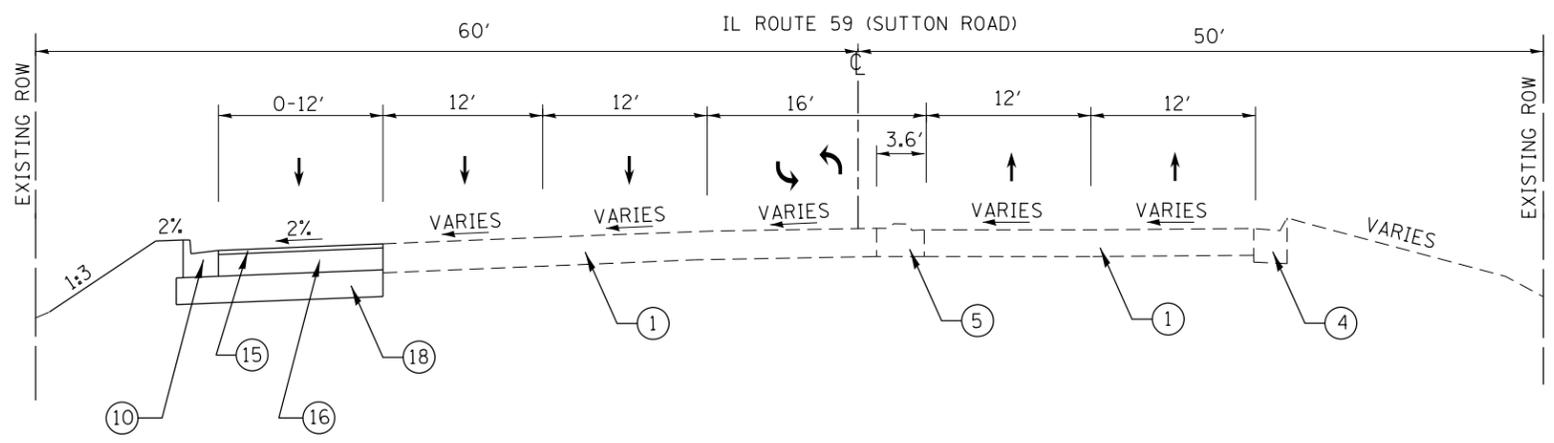
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL ROUTE 58 (GOLF RD) AT E/O ROHRSEN RD TO W/O BARRINGTON RD		559	581(TS&N)-14	COOK	165	11
SCALE: NONE	SHEET OF SHEETS	STA.	TO STA.	CONTRACT NO. 60Y24		

ILLINOIS FED. AID PROJECT



**EXISTING TYPICAL CROSS SECTION
IL ROUTE 59 (SUTTON ROAD)**
STA. 300+00 TO STA. 304+60



**PROPOSED TYPICAL CROSS SECTION
IL ROUTE 59 (SUTTON ROAD)**
STA. 300+00 TO STA. 304+60

NOTES:
 CENTERLINE RUMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".
 SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

LEGEND

- ① EXISTING HMA PAVEMENT
- ② EXISTING PCC PAVEMENT
- ③ EXISTING SHOULDER
- ④ EXISTING COMB. CONC. CURB & GUTTER
- ⑤ EXISTING MEDIAN
- ⑥ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑦ PROPOSED MEDIAN REMOVAL
- ⑧ PROPOSED COMB. CONC. CURB & GUTTER REMOVAL
- ⑨ PROPOSED CONCRETE MEDIAN, TYPE SB-6.12
- ⑩ PROPOSED COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ⑪ PROPOSED HMA SHOULDER, 8"
- ⑫ PROPOSED SHOULDER RUMBLE STRIPS, (8" WIDE)
- ⑬ PROPOSED CENTER LINE RUMBLE STRIP, (16" WIDE)
- ⑭ PROPOSED HMA SURFACE REMOVAL, 2"
- ⑮ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2"
- ⑯ PROPOSED HMA BASE COURSE WIDENING, 9 3/4"
- ⑰ PROPOSED HMA BASE COURSE WIDENING, 8"
- ⑱ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑲ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"

SUBGRADE TREATMENT PLAN NOTES:

AGGREGATE SUBGRADE IMPROVEMENT, DISTRICT ONE SPECIAL PROVISION (MOST RECENT VERSION) IS RECOMMENDED FOR THE SUBGRADE IMPROVEMENT. THIS MATERIAL WILL PROVIDE A STABLE SUBGRADE FOR ROADWAY CONSTRUCTION THROUGHOUT THE MAJORITY OF THE PROJECT. NO UNDERCUTS ARE RECOMMENDED AT THIS TIME.

IF UNSUITABLE/UNSTABLE SOILS ARE ENCOUNTERED DURING CONSTRUCTION, THEY SHOULD BE REPLACED WITH MATERIAL THAT MEETS THE AGGREGATE SUBGRADE IMPROVEMENT SPECIAL PROVISION (MOST RECENT VERSION). THE MATERIAL USED FOR UNDERCUT REPLACEMENT IS A CUBIC YARD PAY ITEM.

THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER OR SOILS INSPECTOR. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC) ADOPTED JANUARY 1, 2012 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. ANY MATERIAL NOT NEEDED AT THE TIME OF CONSTRUCTION FOR UNDERCUT REPLACEMENT SHOULD BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.

PIPE UNDERDRAIN NOTES:

LONGITUDINAL PIPE UNDERDRAINS MUST BE PLACED ALONG SOUTHBOUND ILLINOIS ROUTE 59 UNDERNEAT THE EDGE OF THE WIDENING PAVEMENT AREA.

ALL PIPE UNDERDRAINS SHALL BE PLACED AT A DEPTH OF 30" BELOW THE TOP OF PROPOSED PAVEMENT OR AS DEEP AS POSSIBLE AND IN ACCORDANCE WITH CHECK SHEET # 19 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS ITEM.

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI13712\Drawings\Design\PI13712-sht-typical.dgn		CHECKED -	REVISED -		IL ROUTE 58 (GOLF RD) AT E/O ROHRSEN RD TO W/O BARRINGTON RD				559	581TS&N-14	COOK	165	12
Default		DATE -	REVISED -		SCALE: NONE SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 60Y24				
									ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 473+00



PC Sta 476+33.10

EXIST. CURVE E_IL58-2
 PI STA. = 481+15.69
 $\Delta = 4^\circ 24' 35''$ (LT)
 $D = 0^\circ 27' 26''$
 $R = 12,534.40'$
 $T = 482.59'$
 $L = 964.71'$
 $E = 9.29'$
 $e =$ ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 476+33.10
 P.T. STA. = 485+97.81

IL. ROUTE 58 (GOLF RD.)



POPLAR CREEK

IL. ROUTE 59
(SUTTON RD.)

PC Sta 302+31.19

MATCHLINE STA. 502+00

MATCHLINE STA. 502+00

IL. ROUTE 58 (GOLF RD.)



PC Sta 527+30.38

MATCHLINE STA. 531+00

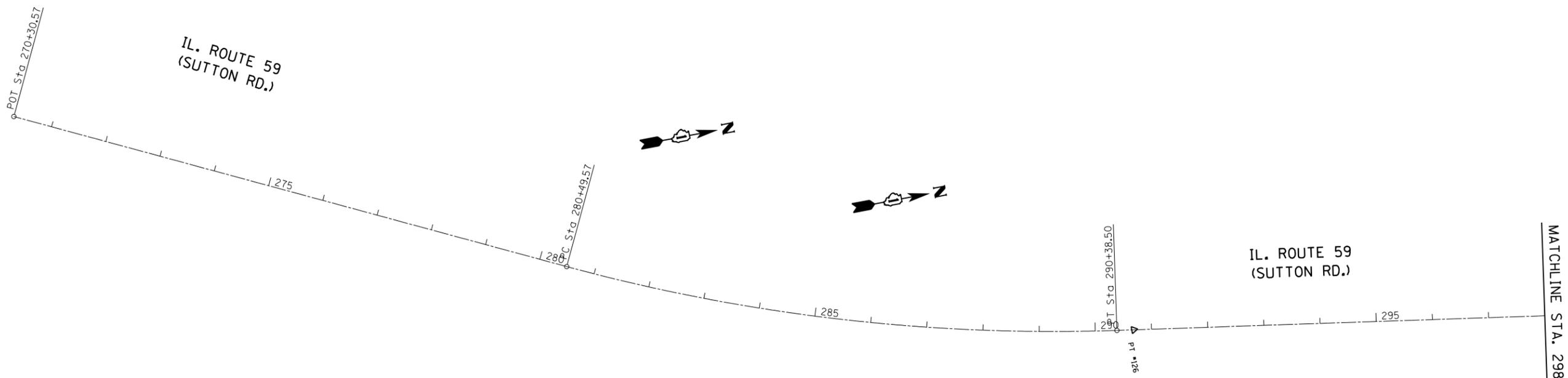
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Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

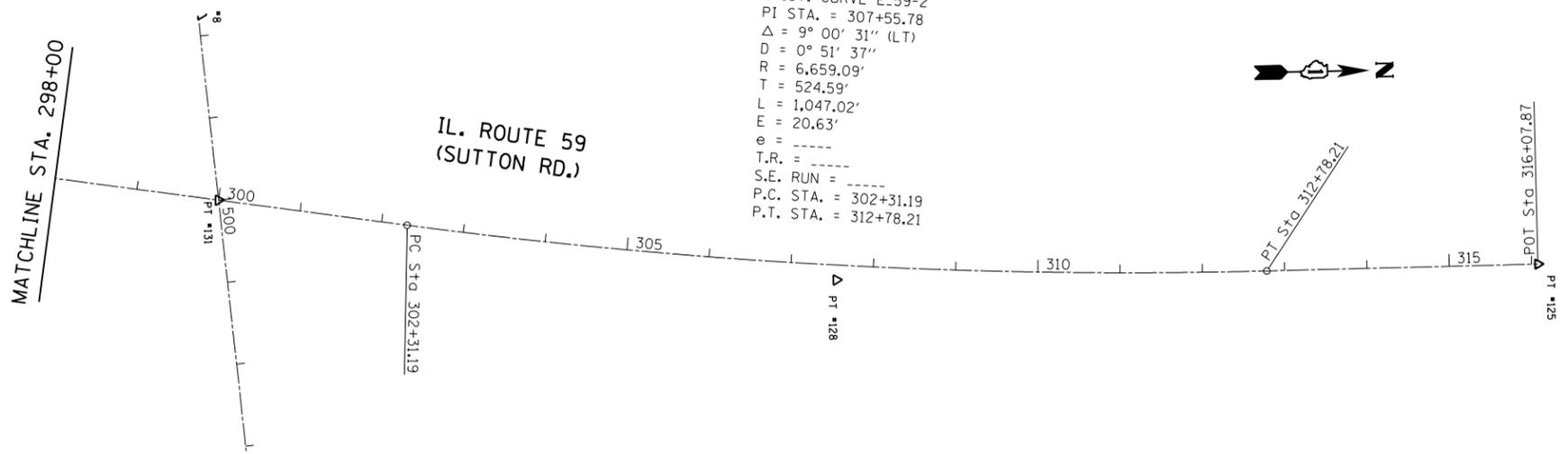
**ALIGNMENTS, TIES AND BENCHMARKS
IL ROUTE 58 (GOLF RD) (ROHRSSEN RD TO 1800FT W/O BARRINGTON RD)**

SCALE: 1" = 100' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	14
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE E_59-1
 PI STA. = 285+47.75
 $\Delta = 17^\circ 07' 12''$ (LT)
 $D = 1^\circ 43' 52''$
 $R = 3,309.70'$
 $T = 498.18'$
 $L = 988.94'$
 $E = 37.28'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 280+49.57
 P.T. STA. = 290+38.50



EXIST. CURVE E_59-2
 PI STA. = 307+55.78
 $\Delta = 9^\circ 00' 31''$ (LT)
 $D = 0^\circ 51' 37''$
 $R = 6,659.09'$
 $T = 524.59'$
 $L = 1,047.02'$
 $E = 20.63'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 302+31.19
 P.T. STA. = 312+78.21

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
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Default	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

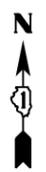
ALIGNMENTS, TIES AND BENCHMARKS
IL ROUTE 58 (GOLF RD) (ROHRSEN RD TO 1800FT W/O BARRINGTON RD)
 SCALE: 1" = 100' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	15
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 531+00

MATCHLINE STA. 560+00

PT #115



CP #13

PI Sta. 538+65.36

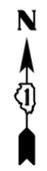
BARTLETT RD.

CP #122

PT #121

STA. 540+57.9 @ IL. RTE. 58=
STA. 400+00 @ BARTLETT RD.

IL. ROUTE 58 (GOLF RD.)



CP #14

CP #23

EXIST. CURVE E..IL58-3
 PI STA. = 532+98.19
 Δ = 4° 42' 24" (RT)
 D = 0° 24' 53"
 R = 13,816.39'
 T = 567.81'
 L = 1,134.98'
 E = 11.66'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 527+30.38
 P.T. STA. = 538+65.36

PT #120

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
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Default	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/8/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES AND BENCHMARKS
IL ROUTE 58 (GOLF RD) (ROHRSSEN RD TO 1800FT W/O BARRINGTON RD)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	16
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 100' SHEET OF SHEETS STA. TO STA.

MATCHLINE STA. 560+00

MATCHLINE STA. 590+00

IL. ROUTE 58 (GOLF RD.)



560 | 565 | 570 | 575 | 580 | 585

△ CP *15

△ CP *16

MATCHLINE STA. 590+00

IL. ROUTE 58 (GOLF RD.)



590 | 595 | 600 | 605 | 610 | 615

△ CP *17

△ CP *18

△ CP *19

PT *114

PI Sta. 608+51.88

POT Sta. 617+97.58

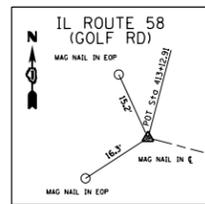
END IMPROVEMENT LIMIT
STA. 616 + 00

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

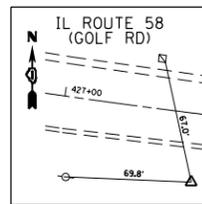
ALIGNMENTS, TIES AND BENCHMARKS
IL ROUTE 58 (GOLF RD) (ROHRSSSEN RD TO 1800FT W/O BARRINGTON RD)
SCALE: 1" = 100' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	17
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



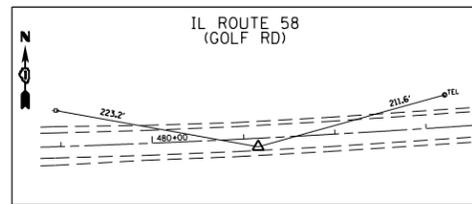
POINT #100

SET MAG NAIL
IN CENTERLINE
STA. 413+12-91
N=1959352.7693
E=1013479.9877



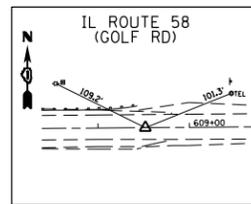
POINT #104

SET IRON ROD W/CAP
PI IL 58 CURVE 1
STA. 427+74.15
N=1958978.7534
E=1014896.1646



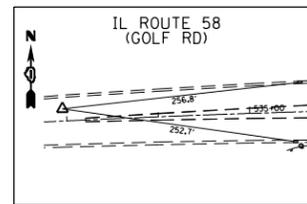
POINT #108

SET MAG NAIL IN LANE
PI IL 58 CURVE 2
STA. 481+15.42
N=1959042.6670
E=1020240.5656



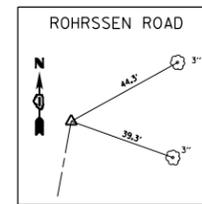
POINT #114

SET MAG NAIL
IN CENTERLINE
STA. 608+51.88
N=1959554.1496
E=1032957.2247



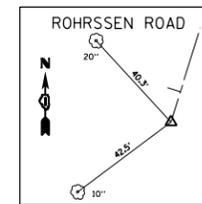
POINT #115

SET MAG NAIL
IN PAVEMENT
STA. 532+95.55
N=1959504.4559
E=1025400.6768



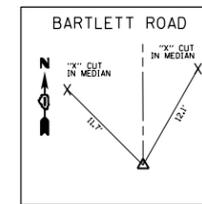
POINT #117

SET MAG NAIL
IN CENTERLINE
STA. 204+98.03
N=1959557.0240
E=1014677.3420



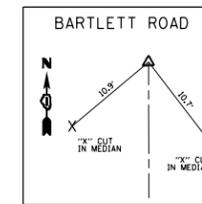
POINT #119

SET MAG NAIL
IN CENTERLINE
STA. 290+38.50
N=1958483.2827
E=1014405.4345



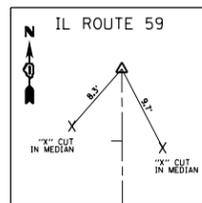
POINT #120

SET MAG NAIL
IN CENTERLINE
STA. 392+22.03
N=1958730.1403
E=1026165.5693



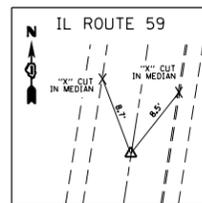
POINT #121

SET MAG NAIL
IN CENTERLINE
STA. 405+04.00
N=1960012.1081
E=1026161.9717



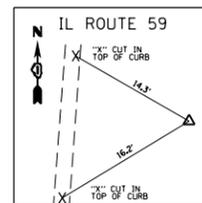
POINT #125

SET MAG NAIL
IN CENTERLINE
STA. 316+07.87
N=1960811.2521
E=1022229.4778



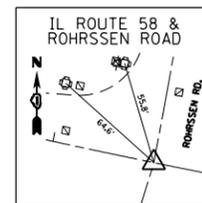
POINT #126

SET MAG NAIL
IN CENTERLINE
STA. 290+68.42
N=1958289.3669
E=1021975.9322



POINT #128

SET IRON ROD W/CAP
PI IL 59 CURVE 59
STA. 307+55.99
N=1959958.5115
E=1022230.5650



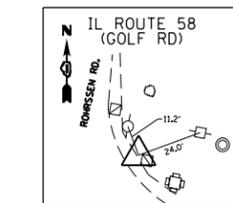
POINT #130

SET MAG NAIL AT C-C
IL 58 & ROHRSSSEN RD.
N=1959067.2142
E=1014587.2423



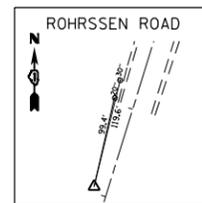
POINT #131

SET MAG NAIL AT C-C
IL 58 & IL 59
N=1959210.0522
E=1022117.9072



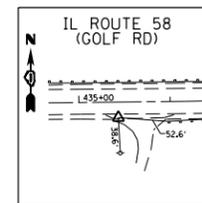
CONTROL POINT #1

"X" CUT ON HANDHOLE
STA. 424+95.77
N=1959095.6847
E=1014632.7698



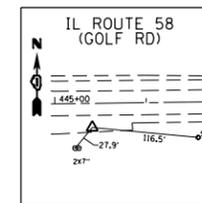
CONTROL POINT #2

SET MAG NAIL
IN ENTRANCE
STA. 197+06.85
N=1958791.8625
E=1014485.4866



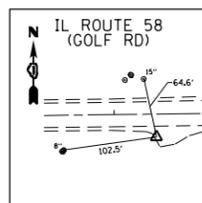
CONTROL POINT #3

SET MAG NAIL
IN ENTRANCE
STA. 435+43.08
N=1958970.8643
E=1015668.4082



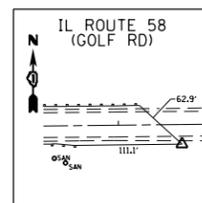
CONTROL POINT #4

SET MAG NAIL ON
SOUTH SIDE AT BRIDGE
STA. 445+40.57
N=1958973.5093
E=1016666.0251



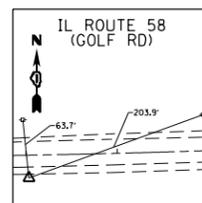
CONTROL POINT #5

SET MAG NAIL ON SOUTH
SIDE AT FIELD ENTRANCE
STA. 457+45.99
N=1958989.2723
E=1017871.3495



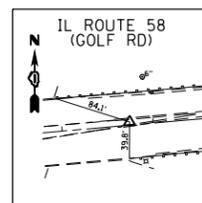
CONTROL POINT #6

SET IRON ROD
STA. 467+69.42
N=1959004.9523
E=1018894.6628



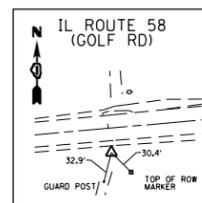
CONTROL POINT #7

SET IRON ROD
STA. 477+02.98
N=1959013.2038
E=1019828.3294



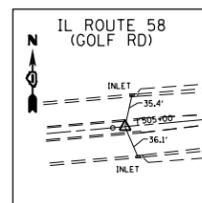
CONTROL POINT #8

SET MAG NAIL
IN MEDIAN
STA. 497+74.37
N=1959193.3405
E=1021892.8792



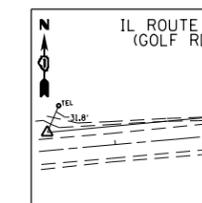
CONTROL POINT #9

SET IRON ROD
STA. 488+00.95
N=1959076.9572
E=1020925.9810



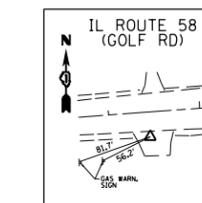
CONTROL POINT #10

SET MAG NAIL
IN MEDIAN
STA. 504+85.93
N=1959252.9546
E=1022601.9479



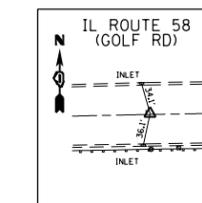
CONTROL POINT #11

SET MAG NAIL IN ABANDONED
FOREST PRESERVE ENTRANCE
STA. 522+27.00
N=1959427.5761
E=1024334.3587



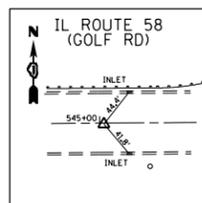
CONTROL POINT #12

SET MAG NAIL IN
FIELD ENTRANCE
STA. 529+43.81
N=1959442.9102
E=1025052.2229



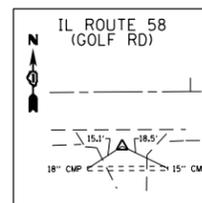
CONTROL POINT #13

SET MAG NAIL
STA. 537+04.28
N=1959505.7994
E=1025809.7879



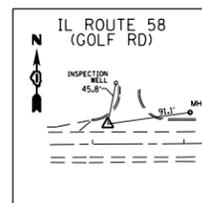
CONTROL POINT #14

SET MAG NAIL
STA. 545+04.67
N=1959509.9868
E=1026610.1692



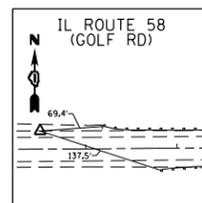
CONTROL POINT #15

SET MAG NAIL IN
FIELD ENTRANCE
STA. 566+74.95
N=1959506.0895
E=1028780.5306



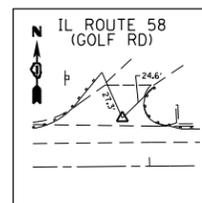
CONTROL POINT #16

SET MAG NAIL IN
FOREST PRESERVE
POLICE ENTRANCE
STA. 578+16.73
N=1959555.5347
E=1029922.0041



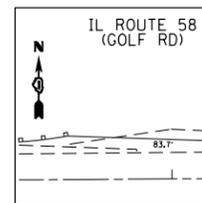
CONTROL POINT #17

SET MAG NAIL
IN SHOULDER
STA. 596+50.27
N=1959565.8152
E=1031755.8152



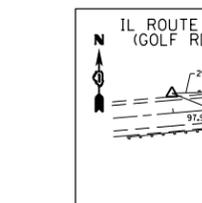
CONTROL POINT #18

SET MAG NAIL IN CONC.
FIELD ENTRANCE
STA. 603+85.26
N=1959577.3908
E=1032490.4420



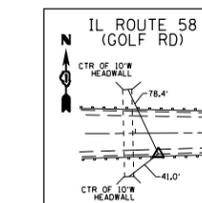
CONTROL POINT #19

SET IRON ROD
IN SHOULDER
STA. 609+26.97
N=1959575.0736
E=1033032.1804



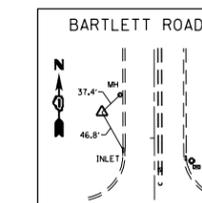
CONTROL POINT #22

SET IRON ROD
STA. 514+00.54
N=1959355.7691
E=1023511.0172



CONTROL POINT #23

SET IRON ROD
STA. 557+25.04
N=1959494.7546
E=1027530.6698



CONTROL POINT #122

FOUND STAINLESS ROD
NW CORNER IL 58 &
BARTLETT RD
STA. 401+28.33
N=1959636.2735
E=1026105.8346

BENCHMARK #1

ELEV. = 839.857

□ -CUT IN EASTERLY CORNER OF
CONCRETE BASE OF TRAFFIC
CONTROL BOX ON SOUTHWEST
CORNER OF IL 58 & ROHRSSSEN RD.

BENCHMARK #2

ELEV. = 776.020

□ -CUT IN CONCRETE BASE OF
HANDHOLE ON SOUTHWEST
CORNER OF IL 58 & IL 59
(GPS ELEV.=775.893)

BENCHMARK #3

ELEV. = 796.122

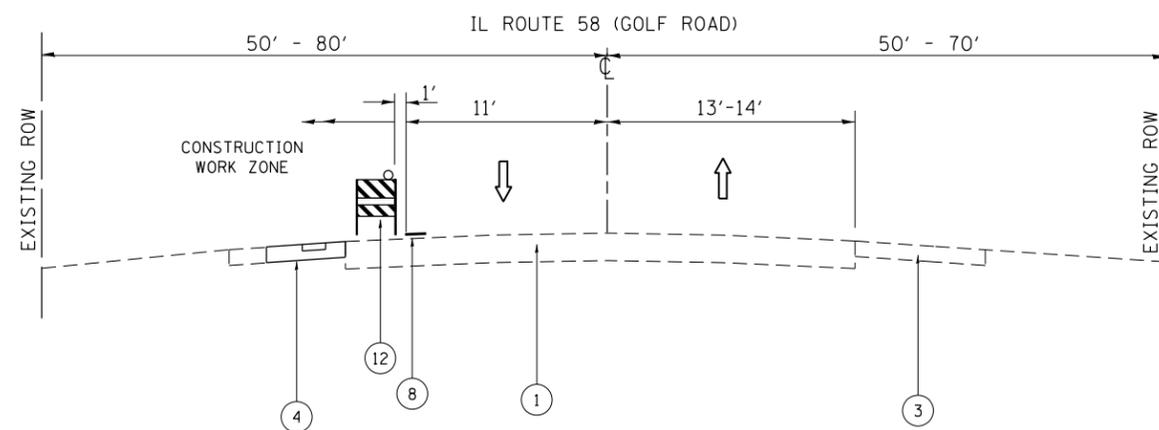
HARN POINT STAINLESS ROD
IN NORTHWEST CORNER OF
IL 58 & BARTLETT RD
(GPS ELEV.=796.008)

BENCHMARK #4

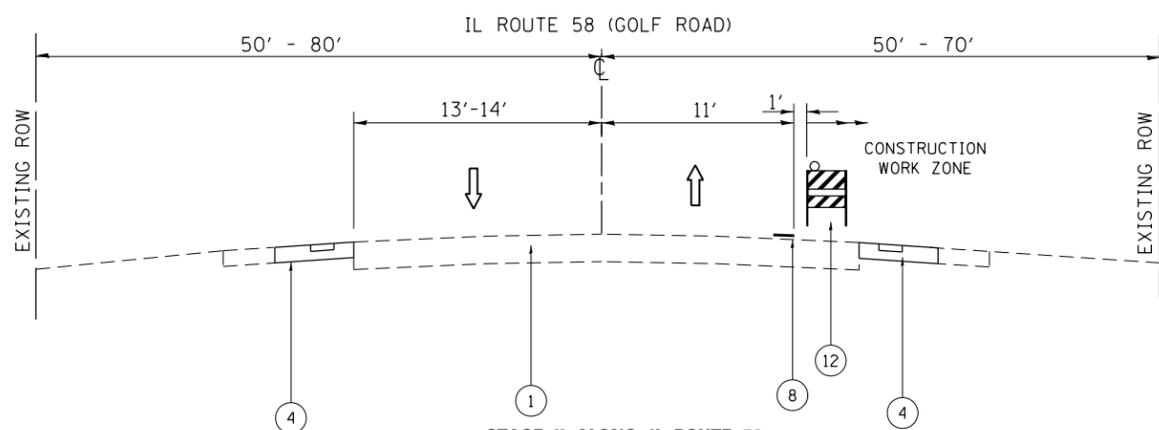
ELEV. = 782.329

□ -CUT ON HEADWALL OVER
CENTER OF 4 BOX CULVERT
NORTH SIDE OF IL 58
(GPS ELEV.=782.325)

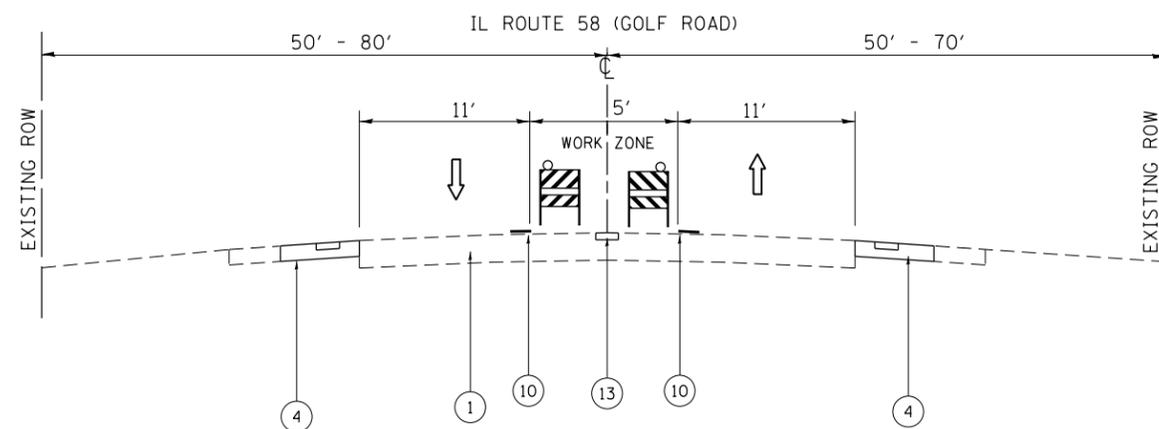
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p:\IL084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\P11313\Drawings\CADsheets\P11312-sht-ATB.dgn		CHECKED -	REVISED -		IL ROUTE 58 (GOLF RD) (ROHRSSSEN RD TO 1800FT W/O BARRINGTON RD)			559	581TS&N-14	COOK	165	18	
Default		DATE -	REVISED -		SCALE: 1" = 100'			SHEET	OF	SHEETS	STA.	TO	STA.
					CONTRACT NO. 60Y24			ILLINOIS FED. AID PROJECT					



**STAGE I, ALONG IL ROUTE 58
WESTBOUND- SHOULDER IMPROVEMENT**



**STAGE II, ALONG IL ROUTE 58
EASTBOUND- SHOULDER IMPROVEMENT**



**STAGE III, ALONG IL ROUTE 58
CENTERLINE RUMBLE STRIP**

LEGEND

- ① EXISTING PAVEMENT
- ② PROPOSED PAVEMENT
- ③ EXISTING SHOULDER
- ④ PROPOSED SHOULDER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ PROPOSED CONCRETE MEDIAN
- ⑦ EXISTING PAVEMENT MARKINGS
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (WHITE EDGE LINE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (WHITE LANE LINE)
- ⑩ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (YELLOW EDGE LINE)
- ⑪ WET REFLECTIVE TEMPORARY TAPE TYPE III, 6" (WHITE SOLID LINE)
- ⑫ BARRICADES TYPE II OR DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT
- ⑬ BARRICADES TYPE II OR DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- ⑭ PROPOSED CENTERLINE RUMBLE STRIP

SEQUENCE OF OPERATION

IL ROUTE 58 MAINLINE:

THE TRAFFIC MANAGEMENT PLAN SHALL CONSIST OF LANES BEING SHIFTED NORTH OR SOUTH, ADJACENT TO WHERE WORK IS BEING PERFORMED. DUE TO THE ROADWAY HAVING 13'-14' LANES IN EACH DIRECTION, LANE WIDTHS CAN BE REDUCED AND SHIFTED TO ALLOW THROUGH TRAFFIC TO REMAIN OPEN AT ALL TIMES EXCEPT DURING OFF-PEAK PERIODS WHEN A LANE CLOSURE WILL BE ALLOWED AS NECESSARY.

PRESTAGE:

PROVIDE EASTBOUND AND WESTBOUND TRAFFIC ON IL ROUTE 58 WITH ONE THROUGH LANE IN EACH DIRECTION.

STAGE I:

STAGE I WILL CONSIST OF CONSTRUCTING THE PROPOSED HMA SHOULDER AND SHOULDER RUMBLE STRIP ALONG THE WESTBOUND OF IL ROUTE 58. MAINTAIN ONE (1) LANE OF TRAFFIC IN EACH DIRECTION WITH THE WIDTH OF THE THROUGH LANES (ADJACENT TO WHERE WORK IS BEING PERFORMED) REDUCED TO 11'-0".

STAGE II:

STAGE II WILL CONSIST OF CONSTRUCTING THE PROPOSED HMA SHOULDER AND SHOULDER RUMBLE STRIP ALONG THE EASTBOUND OF IL ROUTE 58. MAINTAIN ONE (1) LANE OF TRAFFIC IN EACH DIRECTION WITH THE WIDTH OF THE THROUGH LANES (ADJACENT TO WHERE WORK IS BEING PERFORMED) REDUCED TO 11'-0".

STAGE III:

STAGE III WILL CONSIST OF CONSTRUCTING THE CENTERLINE RUMBLE STRIP ALONG IL ROUTE 58. MAINTAIN ONE (1) LANE OF TRAFFIC IN EACH DIRECTION WITH THE WIDTH OF THE THROUGH LANES REDUCED TO 11'-0". STAGE III ALSO CONSIST OF CONSTRUCTING THE BARRIER MEDIAN AND PAVEMENT WIDENING DUE TO EXTENSION OF LEFT TURN LANES ON WEST AND EAST LEGS OF IL ROUTE 58 AT IL ROUTE 59.

ALONG IL ROUTE 59

STAGE IV:

THE TRAFFIC MANAGEMENT PLAN SHALL CONSIST OF SOUTHBOUND LANES BEING SHIFTED EAST, ADJACENT TO WHERE WORK IS BEING PERFORMED. DUE TO THE ROADWAY HAVING TWO LANES IN EACH DIRECTION, WITHIN THIS AREA, BOTH SOUTHBOUND THROUGH LANES AND THE LEFT TURN LANE SHALL REMAIN OPEN AT ALL TIMES.

PROVIDE SOUTHBOUND TRAFFIC ON IL ROUTE 59 WITH TWO THROUGH LANES AND A LEFT TURN LANE.

STAGE IV WILL CONSTRUCT THE DRAINAGE IMPROVEMENTS, PAVEMENT, AND CURB AND GUTTER IN THE SOUTHBOUND DIRECTION. MAINTAIN TWO (2) LANES OF TRAFFIC IN EACH DIRECTION (TWO THROUGH LANES AND ONE LEFT-TURN WITH THE WIDTH OF THE THROUGH LANES REDUCED TO 11'-0" AND THE LEFT TURN LANE REDUCED TO 10'-0".

THE PROPOSED WORK WILL UTILIZE IDOT HIGHWAY STANDARDS 701421, 701701 DURING OFF-PEAK HOURS ONLY. IT IS ALSO ANTICIPATED THAT THE PROJECT CAN BE CONSTRUCTED IN ONE CONSTRUCTION SEASON.

GENERAL NOTES

ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A SUGGESTED MAINTENANCE OF TRAFFIC AND IF NECESSARY SHALL BE REVISED TO MAINTAIN SAFE TRAFFIC FLOW DURING EXECUTION OF THIS CONTRACT.

THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE CONSTRUCTION SIGNING. SIGNS SHALL BE ERECTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION. SIGNS SHALL BE TAKEN DOWN AS SOON AS THEY ARE NO LONGER APPLICABLE ON A CONTINUOUS BASIS AND RE-ERECTED AS APPROPRIATE.

THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.

HIGHWAY STANDARD 701421 SHALL BE USED FOR ALL THROUGH LANE CLOSURES ON IL 59 AND HIGHWAY STANDARD 701701 FOR ALL OTHER TRAFFIC CONTROL AT INTERSECTIONS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MOT TYPICAL SECTIONS AND GENERAL NOTES			
IL ROUTE 58 (GOLF RD) AT E/O ROHRSEN RD TO W/O BARRINGTON RD			
SCALE: NONE	SHEET OF SHEETS	STA. TO STA.	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
559	581(TS&N)-14	COOK	165
			SHEET NO. 19
CONTRACT NO. 60Y24			
ILLINOIS FED. AID PROJECT			

SEQUENCE OF OPERATION

IL ROUTE 58 MAINLINE:

THE TRAFFIC MANAGEMENT PLAN SHALL CONSIST OF LANES BEING SHIFTED NORTH OR SOUTH, ADJACENT TO WHERE WORK IS BEING PERFORMED. DUE TO THE ROADWAY HAVING 13'-14' LANES IN EACH DIRECTION, LANE WIDTHS CAN BE REDUCED AND SHIFTED TO ALLOW THROUGH TRAFFIC TO REMAIN OPEN AT ALL TIMES EXCEPT DURING OFF-PEAK PERIODS WHEN A LANE CLOSURE WILL BE ALLOWED AS NECESSARY.

PRESTAGE:

PROVIDE EASTBOUND AND WESTBOUND TRAFFIC ON IL ROUTE 58 WITH ONE THROUGH LANE IN EACH DIRECTION.

STAGE I:

STAGE I WILL CONSIST OF CONSTRUCTING THE PROPOSED HMA SHOULDER AND SHOULDER RUMBLE STRIP ALONG THE WESTBOUND OF IL ROUTE 58. MAINTAIN ONE (1) LANE OF TRAFFIC IN EACH DIRECTION WITH THE WIDTH OF THE THROUGH LANES (ADJACENT TO WHERE WORK IS BEING PERFORMED) REDUCED TO 11'-0".

STAGE II:

STAGE II WILL CONSIST OF CONSTRUCTING THE PROPOSED HMA SHOULDER AND SHOULDER RUMBLE STRIP ALONG THE EASTBOUND OF IL ROUTE 58. MAINTAIN ONE (1) LANE OF TRAFFIC IN EACH DIRECTION WITH THE WIDTH OF THE THROUGH LANES (ADJACENT TO WHERE WORK IS BEING PERFORMED) REDUCED TO 11'-0".

STAGE III:

STAGE III WILL CONSIST OF CONSTRUCTING THE CENTERLINE RUMBLE STRIP ALONG IL ROUTE 58. MAINTAIN ONE (1) LANE OF TRAFFIC IN EACH DIRECTION WITH THE WIDTH OF THE THROUGH LANES REDUCED TO 11'-0". STAGE III ALSO CONSIST OF CONSTRUCTING THE BARRIER MEDIAN AND PAVEMENT WIDENING DUE TO EXTENSION OF LEFT TURN LANES ON WEST AND EAST LEGS OF IL ROUTE 58 AT IL ROUTE 59.

ALONG IL ROUTE 59

STAGE IV:

THE TRAFFIC MANAGEMENT PLAN SHALL CONSIST OF SOUTHBOUND LANES BEING SHIFTED EAST, ADJACENT TO WHERE WORK IS BEING PERFORMED. DUE TO THE ROADWAY HAVING TWO LANES IN EACH DIRECTION, WITHIN THIS AREA, BOTH SOUTHBOUND THROUGH LANES AND THE LEFT TURN LANE SHALL REMAIN OPEN AT ALL TIMES.

PROVIDE SOUTHBOUND TRAFFIC ON IL ROUTE 59 WITH TWO THROUGH LANES AND A LEFT TURN LANE.

STAGE IV WILL CONSTRUCT THE DRAINAGE IMPROVEMENTS, PAVEMENT, AND CURB AND GUTTER IN THE SOUTHBOUND DIRECTION. MAINTAIN TWO (2) LANES OF TRAFFIC IN EACH DIRECTION (TWO THROUGH LANES AND ONE LEFT-TURN WITH THE WIDTH OF THE THROUGH LANES REDUCED TO 11'-0" AND THE LEFT TURN LANE REDUCED TO 10'-0".

THE PROPOSED WORK WILL UTILIZE IDOT HIGHWAY STANDARDS 701421, 701701 DURING OFF-PEAK HOURS ONLY. IT IS ALSO ANTICIPATED THAT THE PROJECT CAN BE CONSTRUCTED IN ONE CONSTRUCTION SEASON.

GENERAL NOTES

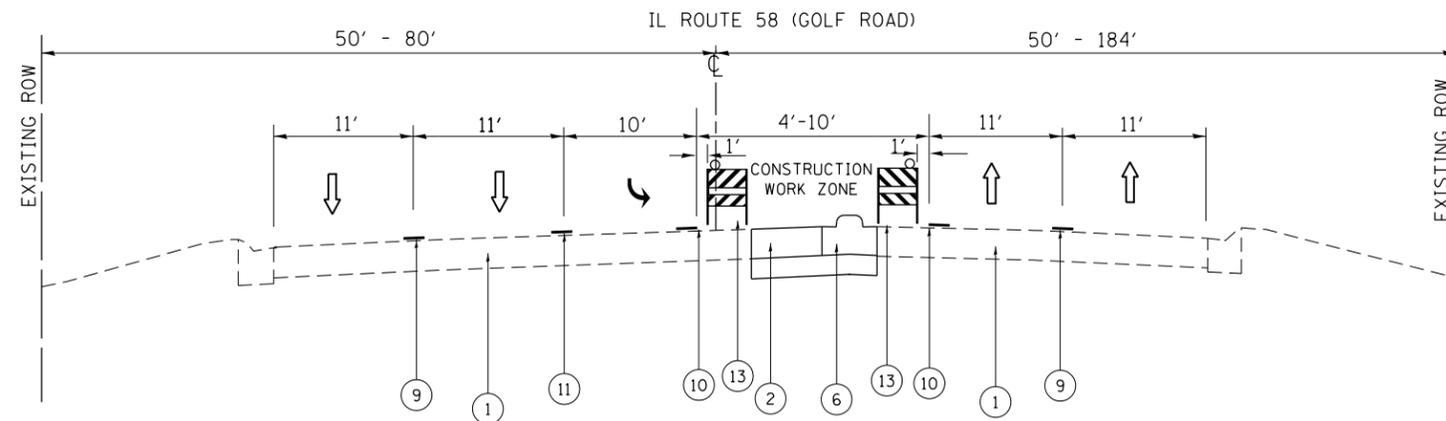
ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A SUGGESTED MAINTENANCE OF TRAFFIC AND IF NECESSARY SHALL BE REVISED TO MAINTAIN SAFE TRAFFIC FLOW DURING EXECUTION OF THIS CONTRACT.

THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

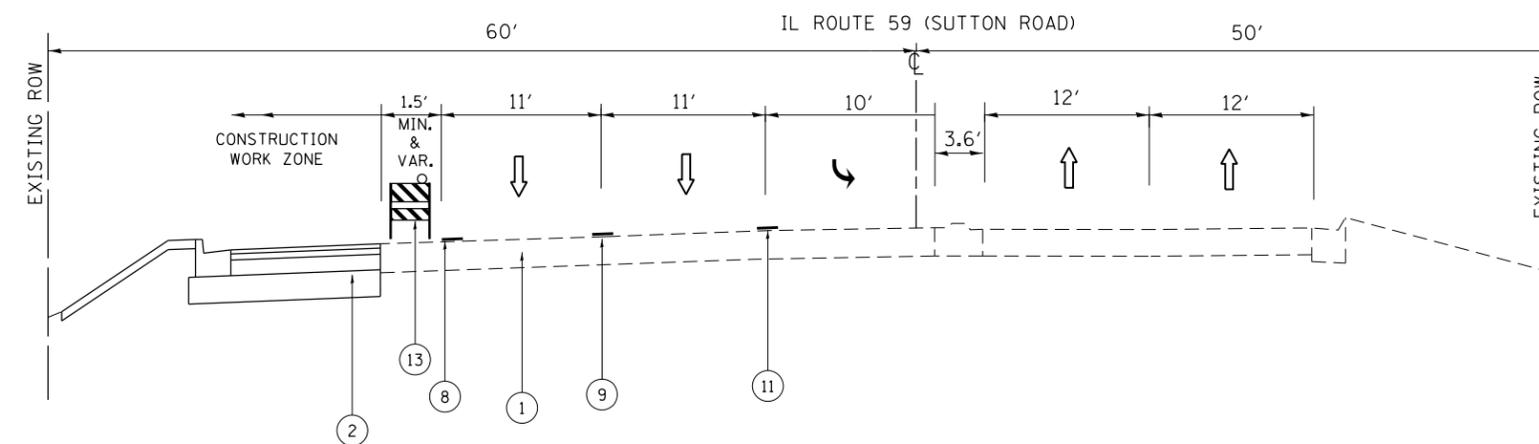
THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE CONSTRUCTION SIGNING. SIGNS SHALL BE ERECTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION. SIGNS SHALL BE TAKEN DOWN AS SOON AS THEY ARE NO LONGER APPLICABLE ON A CONTINUOUS BASIS AND RE-ERECTED AS APPROPRIATE.

THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.

HIGHWAY STANDARD 701421 SHALL BE USED FOR ALL THROUGH LANE CLOSURES ON IL 59 AND HIGHWAY STANDARD 701701 FOR ALL OTHER TRAFFIC CONTROL AT INTERSECTIONS.



STAGE III TYPICAL SECTION
MEDIAN IMPROVEMENT - IL ROUTE 58 AT IL ROUTE 59



STAGE IV TYPICAL SECTION
LANE WIDENING - IL ROUTE 59 AT IL ROUTE 58

LEGEND

- | | |
|------------------------------|---|
| ① EXISTING PAVEMENT | ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (WHITE EDGE LINE) |
| ② PROPOSED PAVEMENT | ⑨ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (WHITE LANE LINE) |
| ③ EXISTING SHOULDER | ⑩ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" (YELLOW EDGE LINE) |
| ④ PROPOSED SHOULDER | ⑪ WET REFLECTIVE TEMPORARY TAPE TYPE III, 6" (WHITE SOLID LINE) |
| ⑤ EXISTING CONCRETE MEDIAN | ⑫ BARRICADES TYPE II OR DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT |
| ⑥ PROPOSED CONCRETE MEDIAN | ⑬ BARRICADES TYPE II OR DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT |
| ⑦ EXISTING PAVEMENT MARKINGS | ⑭ PROPOSED CENTERLINE RUMBLE STRIP |

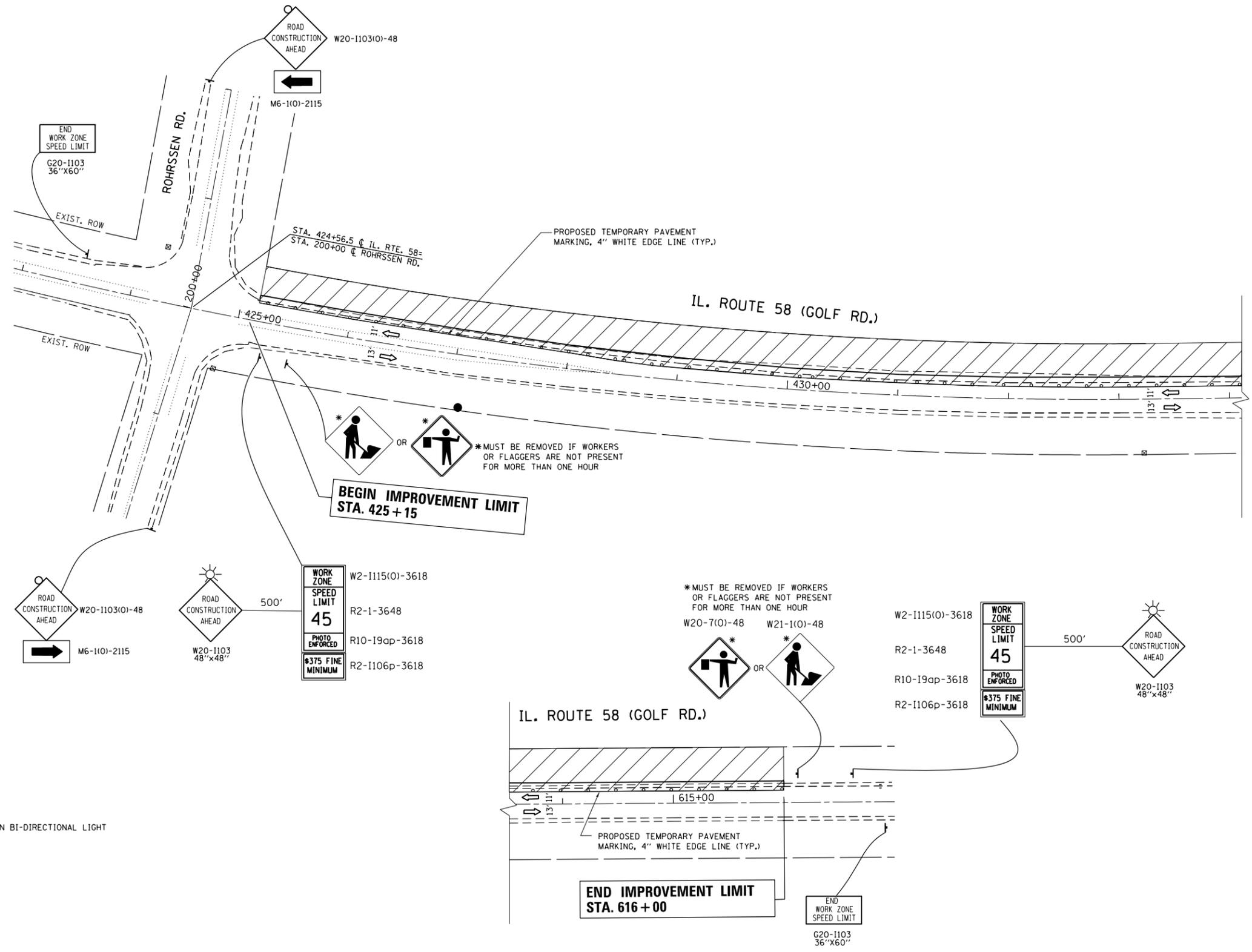
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTIONS AND GENERAL NOTES
IL ROUTE 58 (GOLF RD) AT E/O ROHRSEN RD TO W/O BARRINGTON RD

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581TS&N-14	COOK	165	20
				CONTRACT NO. 60Y24
ILLINOIS FED. AID PROJECT				



LEGEND

- SIGN
- DRUMS OR TYPE II BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHT
- 50' C-C TANGENTS
- 25' C-C LANE SHIFTS & TAPERS
- 10' C-C RADII (TYP.)
- TRAFFIC FLOW DIRECTION
- WORK AREA

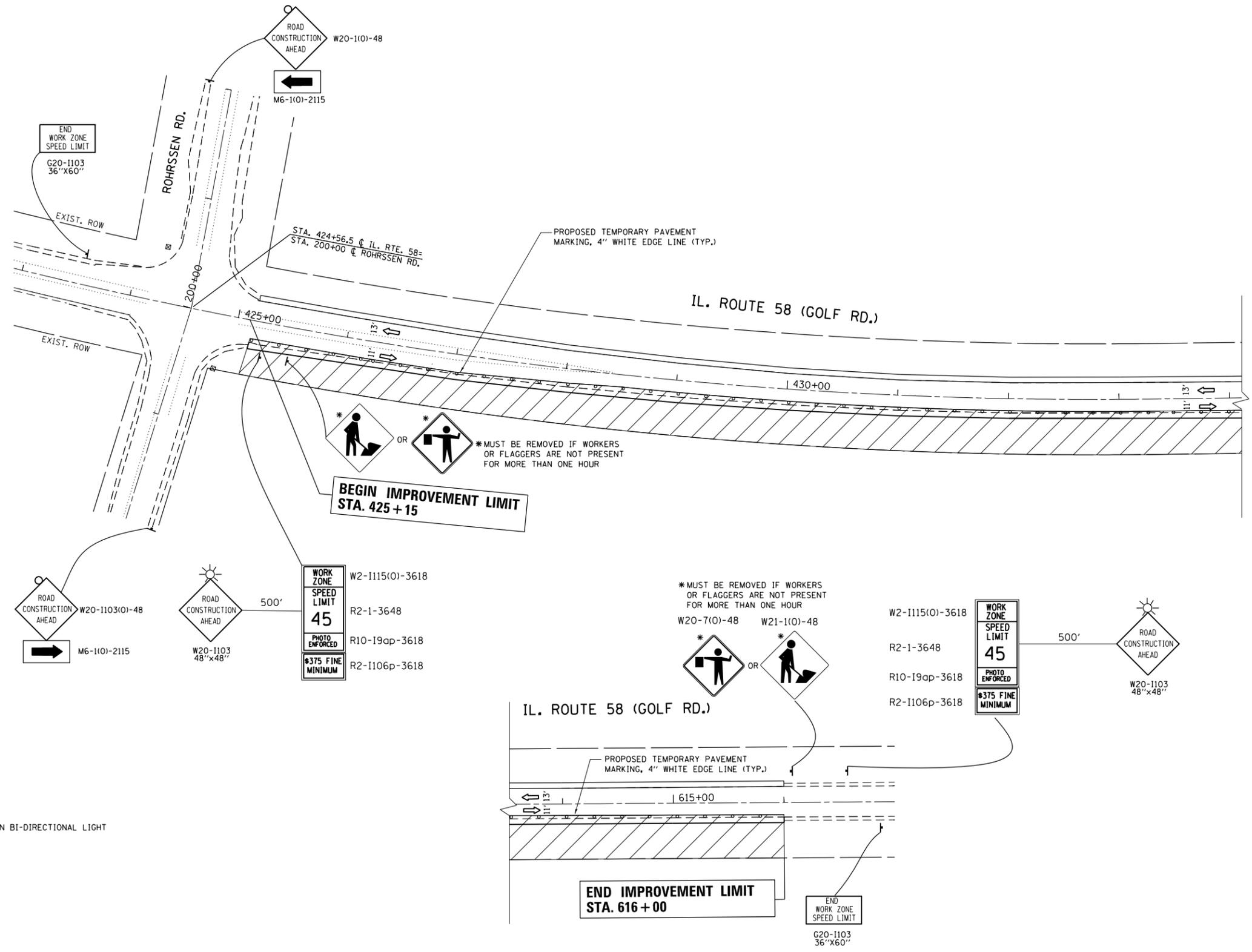
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	PLOT DATE = 12/4/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE I CONSTRUCTION & MOT
IL ROUTE 58 (GOLF RD) AT E/O ROHRSSSEN RD TO W/O BARRINGTON RD**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y24	



LEGEND

- ↑ SIGN
- DRUMS OR TYPE II BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHT
- 50' C-C TANGENTS
- 25' C-C LANE SHIFTS & TAPERS
- 10' C-C RADII (TYP.)
- TRAFFIC FLOW DIRECTION
- ▨ WORK AREA

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

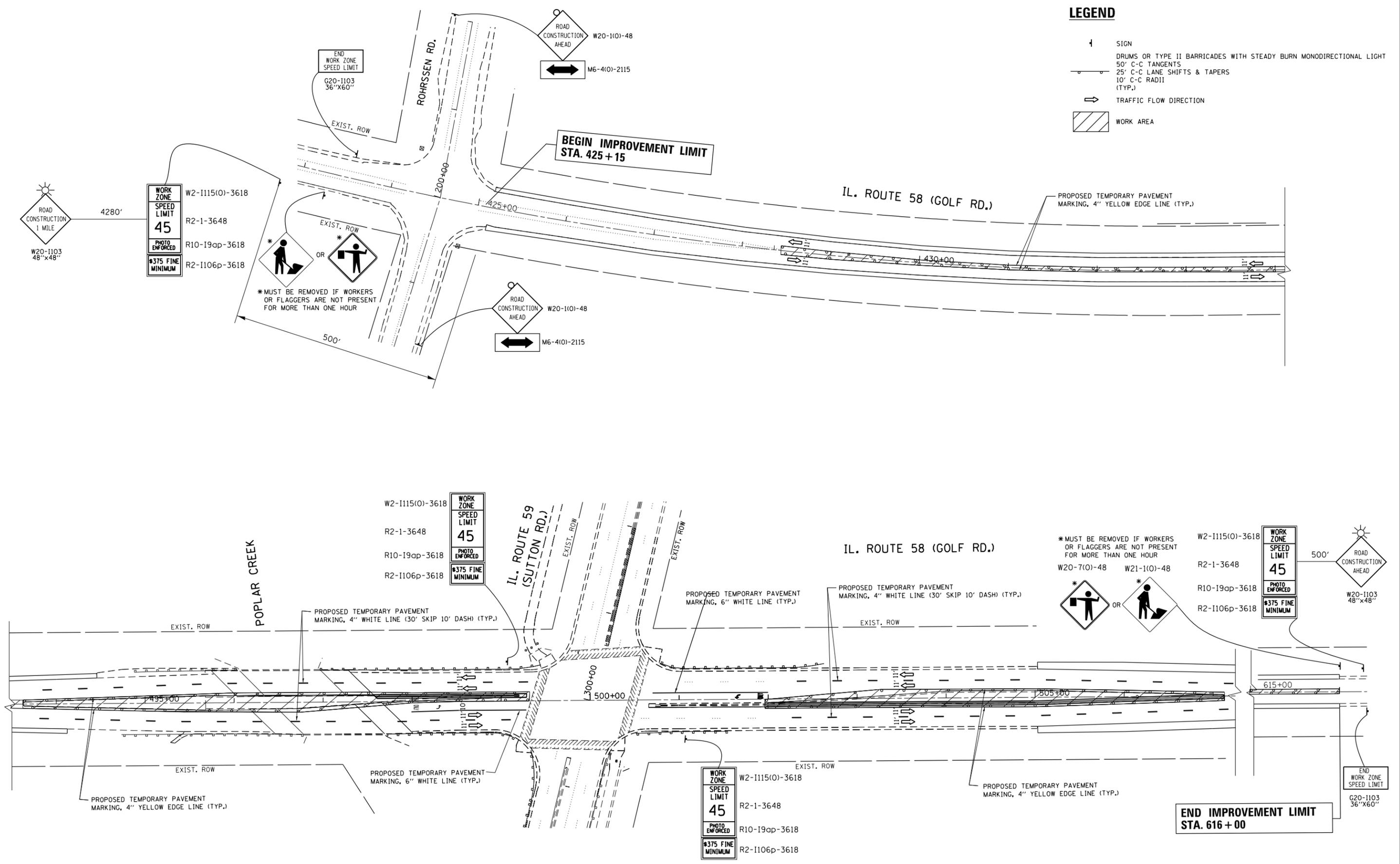
**STAGE II CONSTRUCTION & MOT
IL ROUTE 58 (GOLF RD) AT E/O ROHRSSEN RD TO W/O BARRINGTON RD)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	22
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

LEGEND

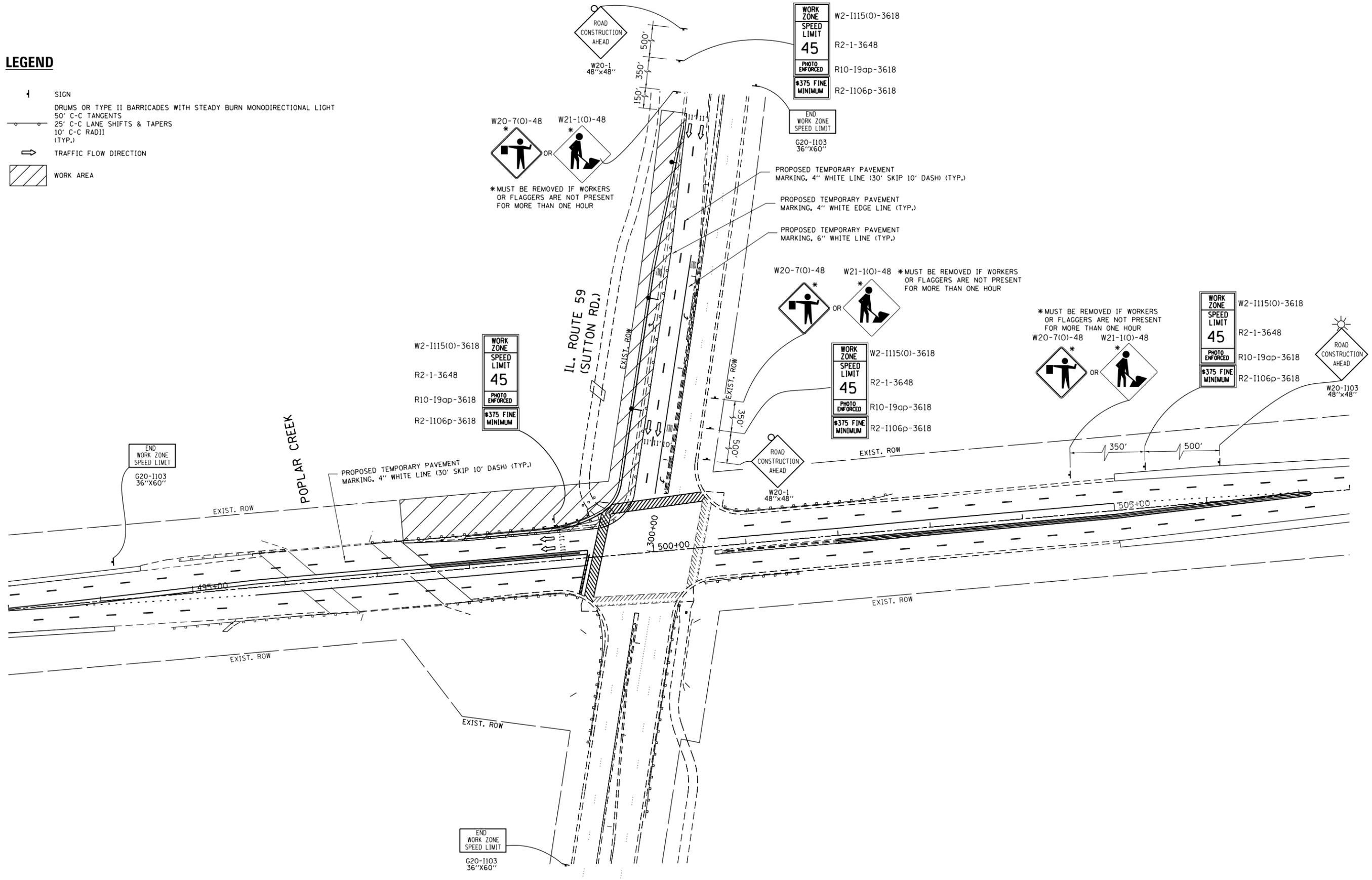
- ↑ SIGN
- DRUMS OR TYPE II BARRICADES WITH STEADY BURN MONODIRECTIONAL LIGHT
- 50' C-C TANGENTS
- 25' C-C LANE SHIFTS & TAPERS
- 10' C-C RADII (TYP.)
- TRAFFIC FLOW DIRECTION
- ▨ WORK AREA



FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE III CONSTRUCTION & MOT IL ROUTE 58 (GOLF RD) AT IL ROUTE 59 (SUTTON ROAD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 60Y24					
	PLOT DATE = 12/4/2015					ILLINOIS FED. AID PROJECT					

LEGEND

- ↑ SIGN
- DRUMS OR TYPE II BARRICADES WITH STEADY BURN MONODIRECTIONAL LIGHT
- 50' C-C TANGENTS
- 25' C-C LANE SHIFTS & TAPERS
- 10' C-C RADIUS (TYP.)
- TRAFFIC FLOW DIRECTION
- ▨ WORK AREA



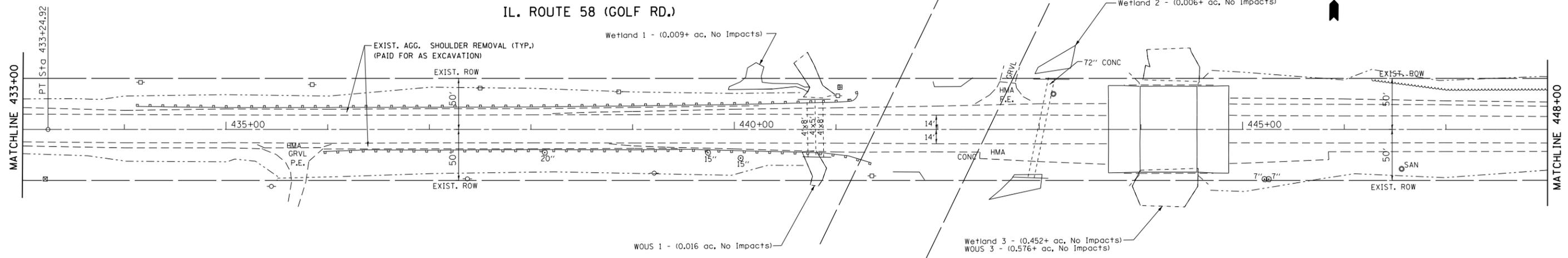
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	PLOT DATE = 12/4/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE IV CONSTRUCTION & MOT
IL ROUTE 58 (GOLF RD) AT E/O ROHRSEN RD TO W/O BARRINGTON RD)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	24
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

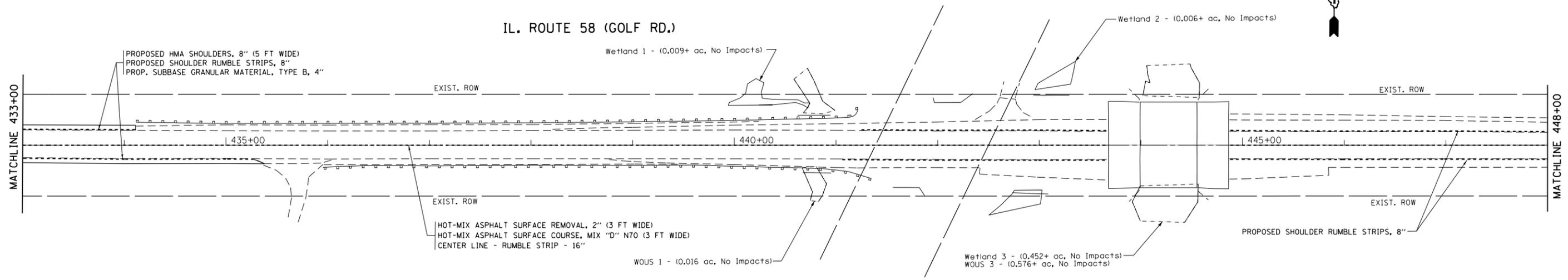


EXISTING

NOTES:

CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.



PROPOSED

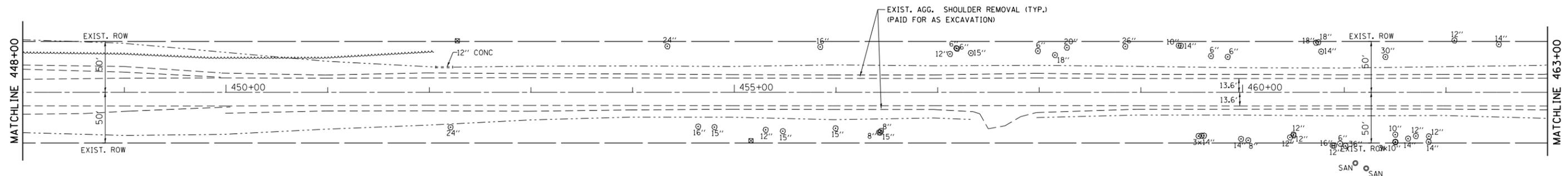
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSEN RD TO W/O BARRINGTON RD)**
SCALE: 1" = 50' SHEET OF SHEETS STA. 433+00 TO STA. 448+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y24	

IL. ROUTE 58 (GOLF RD.)



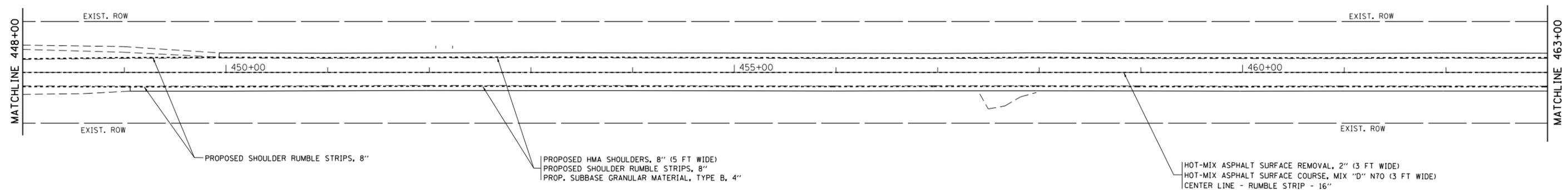
EXISTING

NOTES:

CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

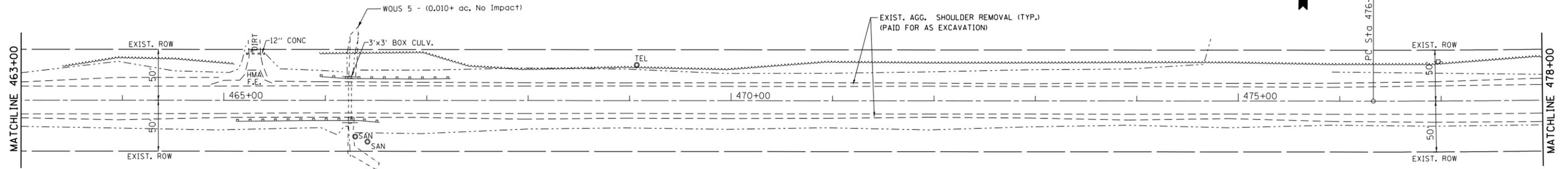
IL. ROUTE 58 (GOLF RD.)



PROPOSED

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED ROADWAY PLAN IL ROUTE 58 (GOLF RD) (E/O ROHRSSN RD TO W/O BARRINGTON RD)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\P113712\Drawings\CADsheets\P113712-shr-pln.dgn		CHECKED -	REVISED -		559	581(TS&N)-14	COOK	165	27			
		DATE -	REVISED -		CONTRACT NO. 60Y24			ILLINOIS FED. AID PROJECT				
Default	PLOT DATE = 12/8/2015				SCALE: 1"= 50'	SHEET	OF	SHEETS	STA. 448+00	TO STA. 463+00		

IL. ROUTE 58 (GOLF RD.)



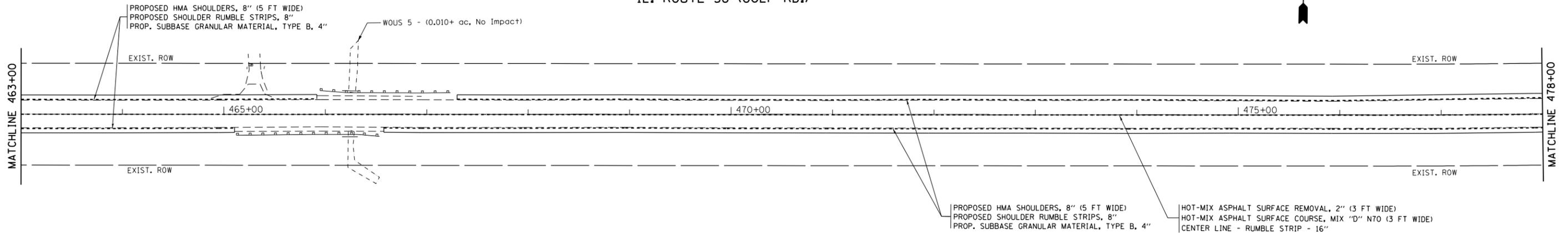
EXISTING

NOTES:

CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

IL. ROUTE 58 (GOLF RD.)



PROPOSED

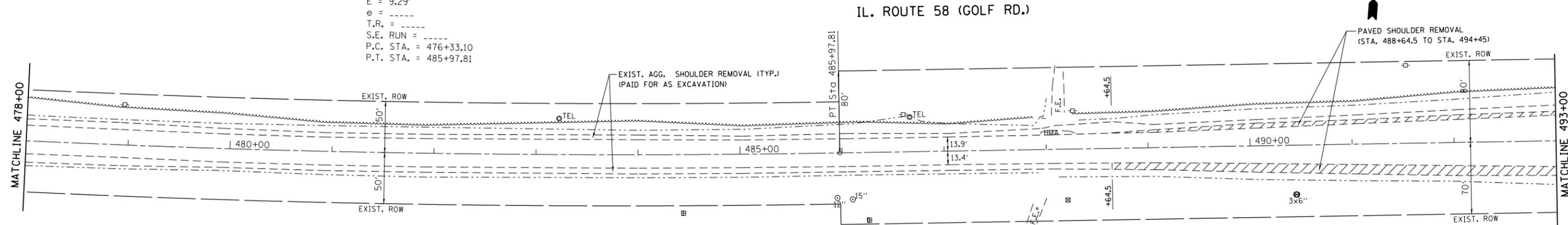
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSEN RD TO W/O BARRINGTON RD)
SCALE: 1" = 50' SHEET OF SHEETS STA. 463+00 TO STA. 478+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y24	

EXIST. CURVE E_IL58-2
 PI STA. = 481+15.69
 $\Delta = 4^\circ 24' 35''$ (LT)
 $D = 0^\circ 27' 26''$
 $R = 12,534.40'$
 $T = 482.59'$
 $L = 964.71'$
 $E = 9.29'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA. = 476+33.10
 P.T. STA. = 485+97.81



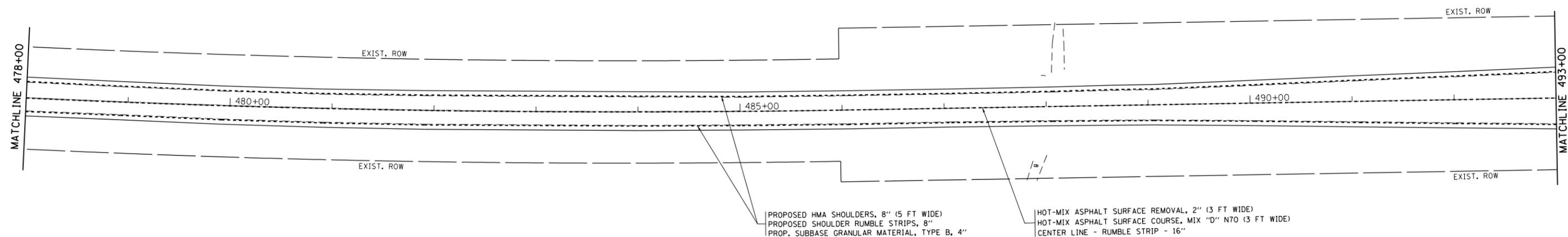
EXISTING

NOTES:

CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

IL. ROUTE 58 (GOLF RD.)



PROPOSED

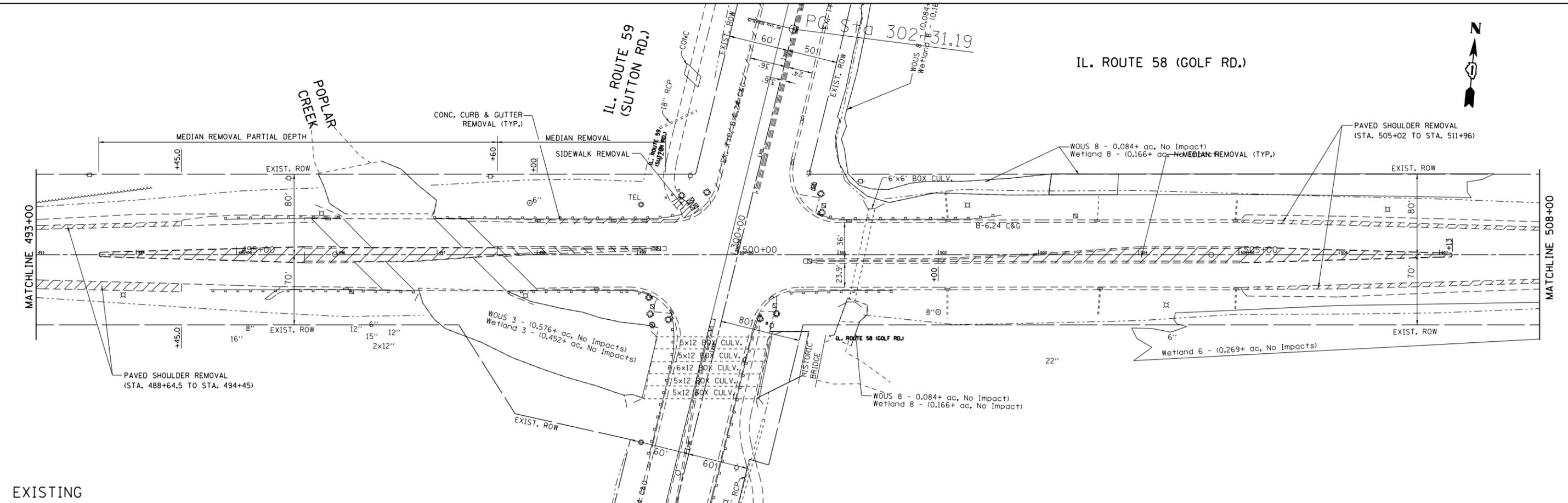
FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
 IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)
 SCALE: 1" = 50' SHEET OF SHEETS STA. 478+00 TO STA. 493+00

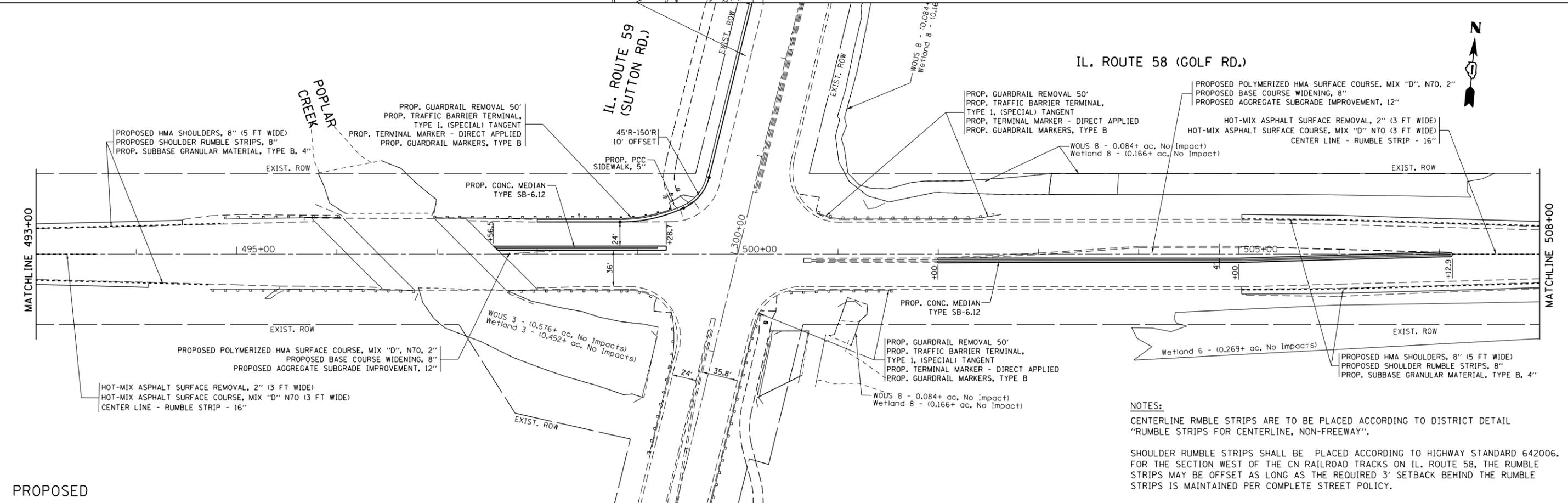
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	29
				CONTRACT NO. 60Y24
ILLINOIS FED. AID PROJECT				

IL. ROUTE 58 (GOLF RD.)



EXISTING

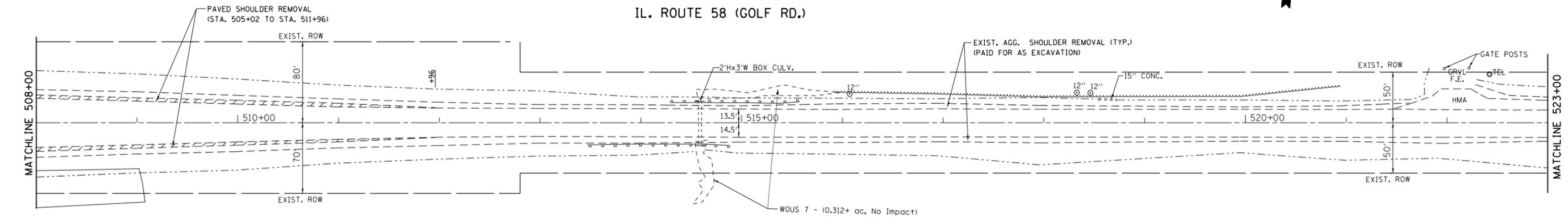
IL. ROUTE 58 (GOLF RD.)



PROPOSED

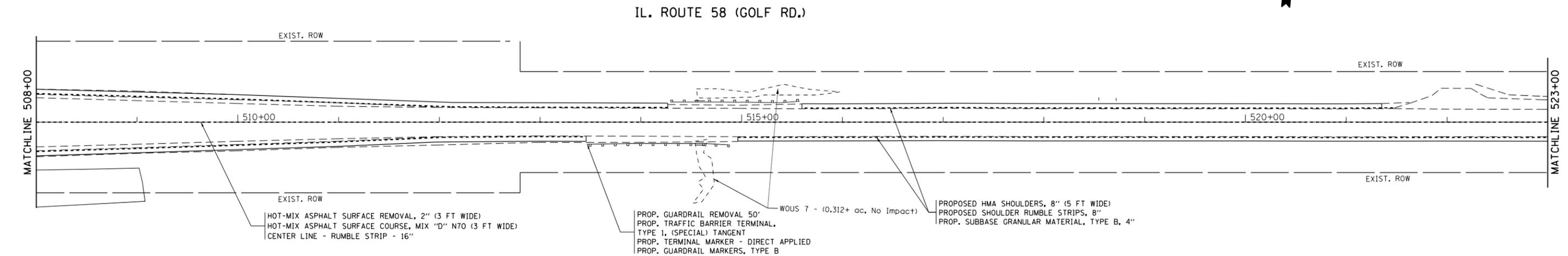
NOTES:
 CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".
 SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED ROADWAY PLAN IL ROUTE 58 (GOLF RD) (E/O ROHRSEN RD TO W/O BARRINGTON RD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\P113712\Drawings\CADsheets\P113712-sht-plan.dgn	PLotted	CHECKED -	REVISED -			559	581TS&N-14	COOK	165	30
Default	PLot DATE = 12/8/2015	DATE -	REVISED -			CONTRACT NO. 60Y24			ILLINOIS FED. AID PROJECT	
						SCALE: 1" = 50'	SHEET OF SHEETS	STA. 493+00 TO STA. 508+00		



EXISTING

NOTES:
 CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".
 SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.



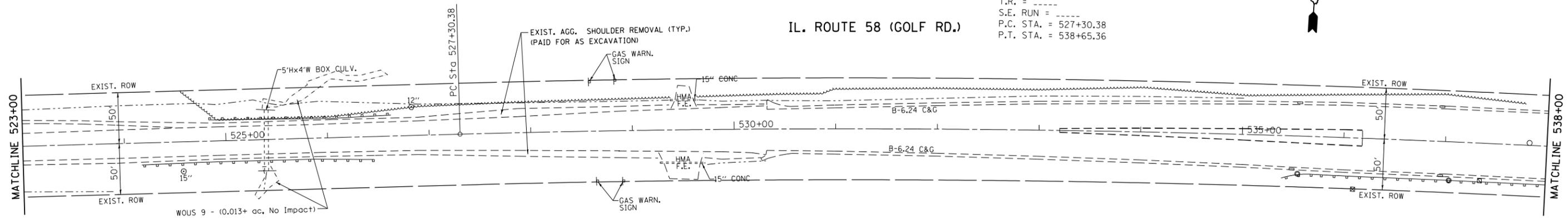
PROPOSED

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED ROADWAY PLAN IL ROUTE 58 (GOLF RD) (E/O ROHRSSN RD TO W/O BARRINGTON RD)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\P113712\Drawings\CADsheets\P113712-shr-plan.dgn		DRAWN -	REVISED -		559	581(TS&N)-14	COOK	165	31				
		CHECKED -	REVISED -		CONTRACT NO. 60Y24								
Default		DATE -	REVISED -		SCALE: 1"= 50'	SHEET	OF	SHEETS	STA. 508+00	TO	STA. 523+00	ILLINOIS FED. AID PROJECT	

EXIST. CURVE E_IL58-3
 PI STA. = 532+98.19
 $\Delta = 4^\circ 42' 24''$ (RT)
 $D = 0^\circ 24' 53''$
 $R = 13,816.39'$
 $T = 567.81'$
 $L = 1,134.98'$
 $E = 11.66'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA. = 527+30.38
 P.T. STA. = 538+65.36



IL. ROUTE 58 (GOLF RD.)



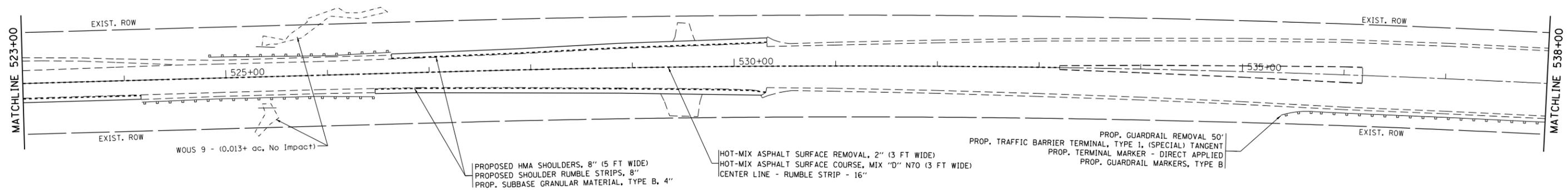
EXISTING

NOTES:

CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

IL. ROUTE 58 (GOLF RD.)



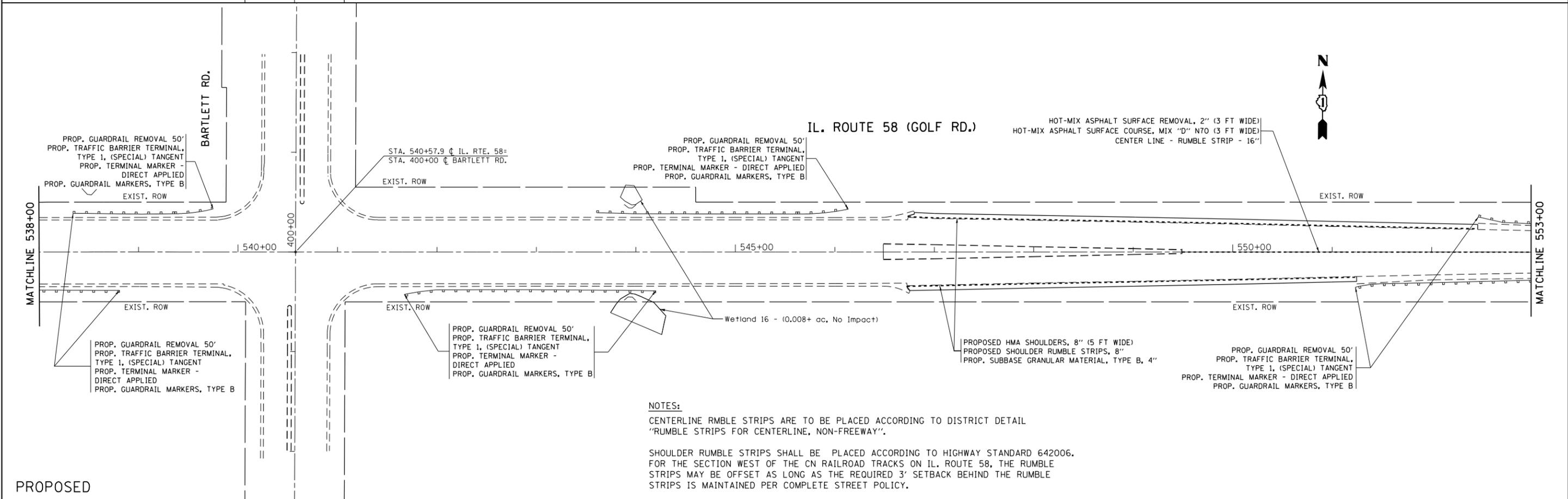
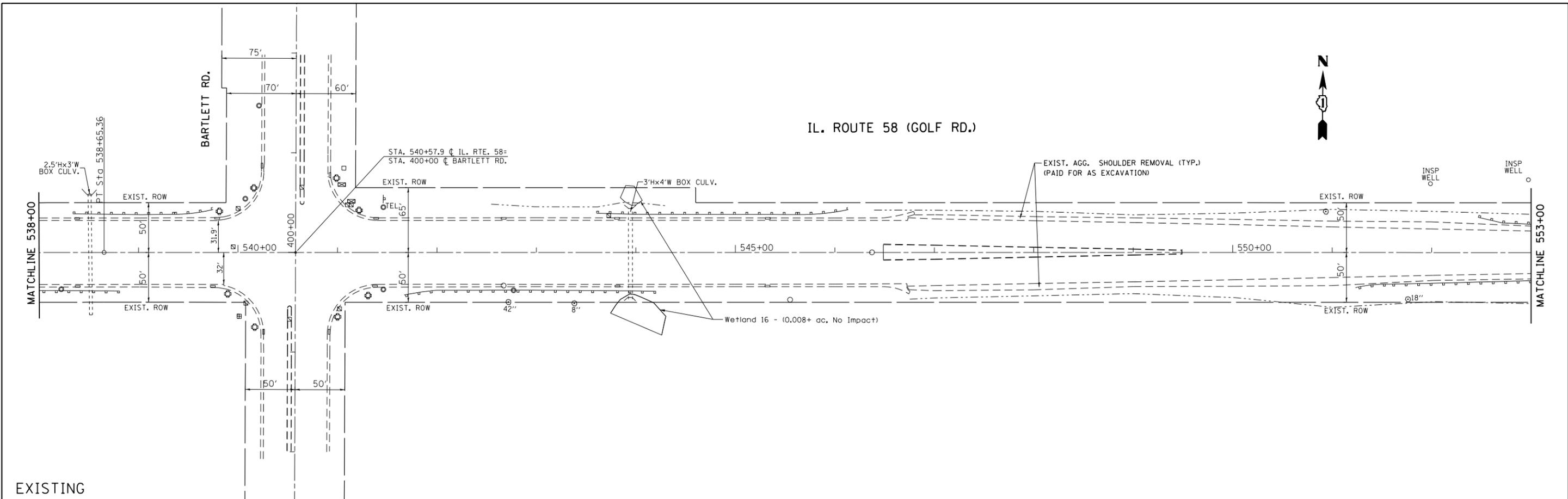
PROPOSED

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

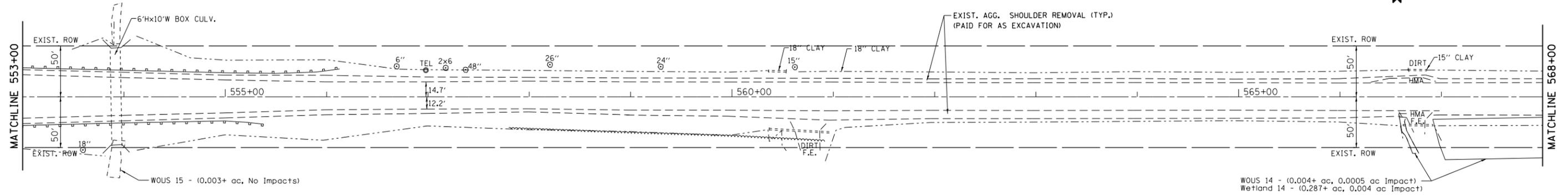
EXISTING AND PROPOSED ROADWAY PLAN
 IL ROUTE 58 (GOLF RD) (E/O ROHRSEN RD TO W/O BARRINGTON RD)
 SCALE: 1" = 50' SHEET OF SHEETS STA. 523+00 TO STA. 538+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y24	



FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED ROADWAY PLAN IL ROUTE 58 (GOLF RD) (E/O ROHRSEN RD TO W/O BARRINGTON RD)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\P113712\Drawings\CADsheets\P113712-sht-plan.dgn		DRAWN -	REVISED -		559	581TS&N-14	COOK	165	33	CONTRACT NO. 60Y24		
		CHECKED -	REVISED -		SCALE: 1" = 50'			SHEET OF SHEETS STA. 538+00 TO STA. 553+00			ILLINOIS FED. AID PROJECT	
Default		DATE -	REVISED -									

IL. ROUTE 58 (GOLF RD.)



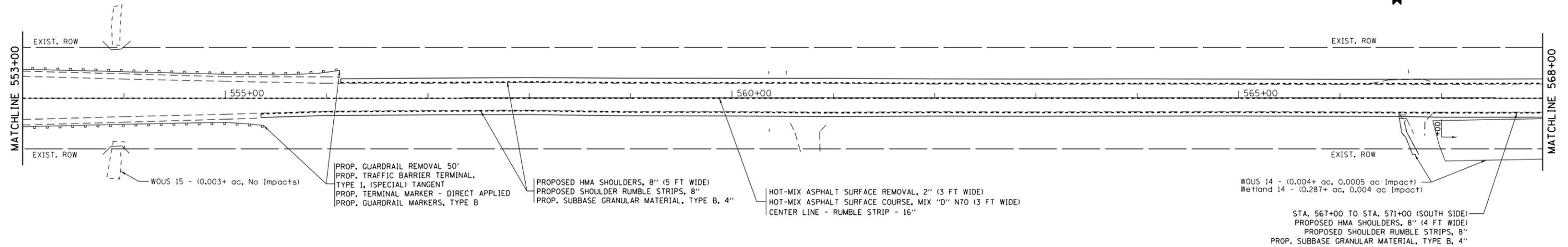
EXISTING

NOTES:

CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

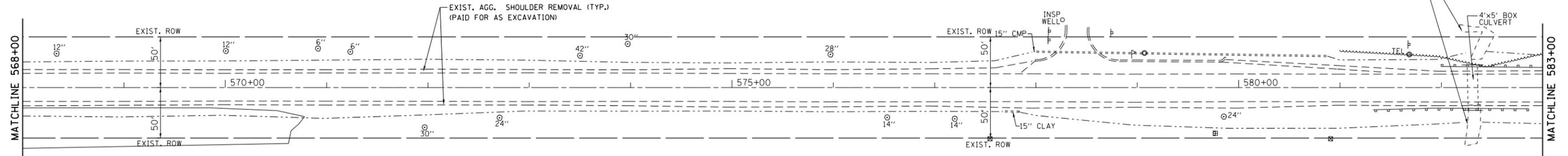
IL. ROUTE 58 (GOLF RD.)



PROPOSED

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED ROADWAY PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\IDOT Offices\District 1\Projects\P113712\Drawings\CADsheets\P113712-sh1-plan.dgn		DRAWN -	REVISED -		IL ROUTE 58 (GOLF RD) (E/O ROHRSEN RD TO W/O BARRINGTON RD)				559	581(TS&N)-14	COOK	165	34
Default		CHECKED -	REVISED -		SCALE: 1"= 50'				SHEET OF SHEETS		CONTRACT NO. 60Y24		
		DATE -	REVISED -		STA. 553+00 TO STA. 568+00				ILLINOIS FED. AID PROJECT				

IL. ROUTE 58 (GOLF RD.)



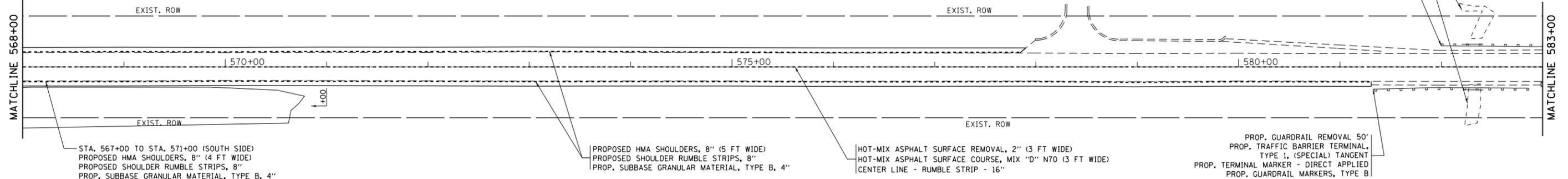
EXISTING

NOTES:

CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

IL. ROUTE 58 (GOLF RD.)



PROPOSED

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

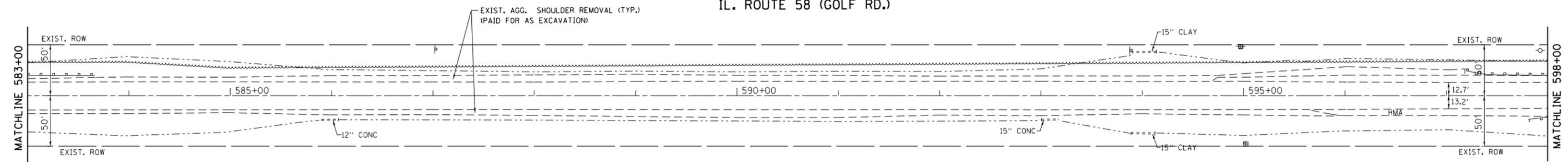
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSEN RD TO W/O BARRINGTON RD)
SCALE: 1" = 50' SHEET OF SHEETS STA. 568+00 TO STA. 583+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	35
				CONTRACT NO. 60Y24
ILLINOIS FED. AID PROJECT				



IL. ROUTE 58 (GOLF RD.)



EXISTING

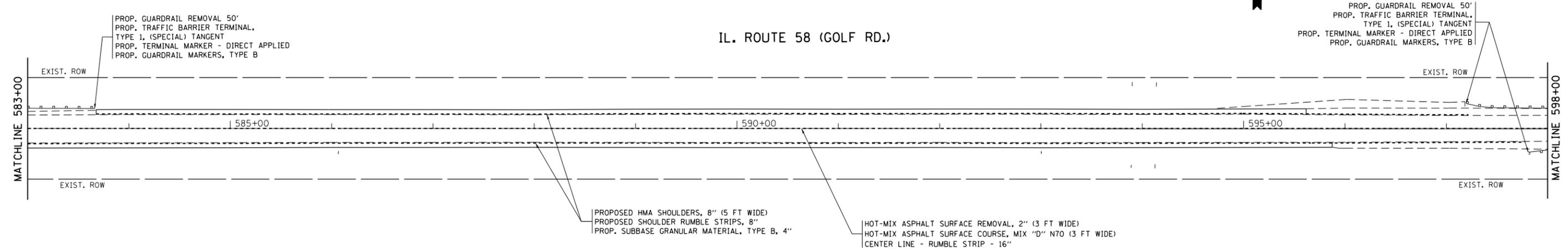
NOTES:

CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.

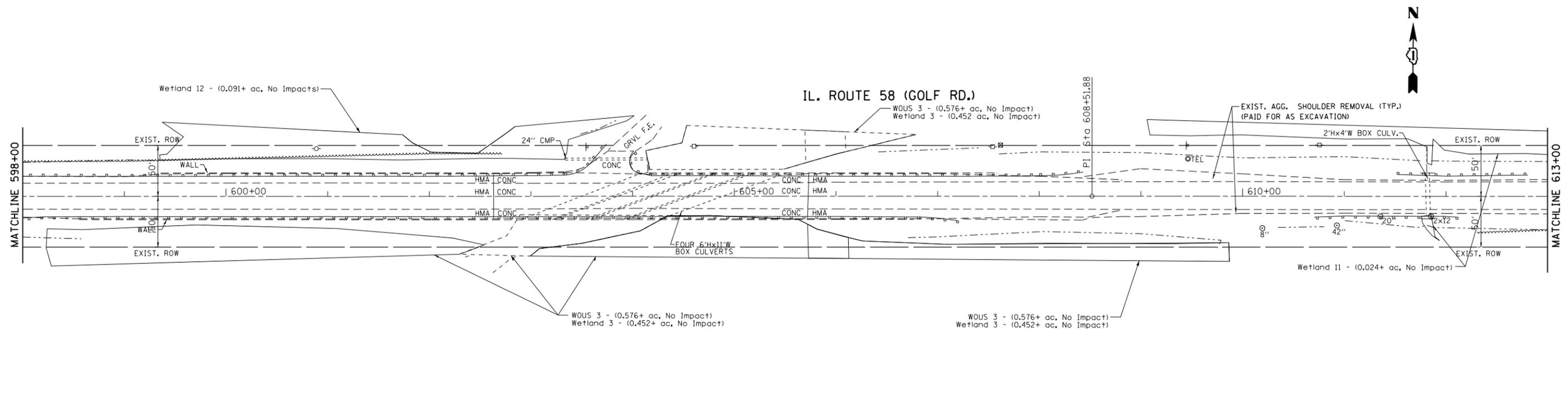


IL. ROUTE 58 (GOLF RD.)



PROPOSED

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED ROADWAY PLAN IL ROUTE 58 (GOLF RD) (E/O ROHRSSN RD TO W/O BARRINGTON RD)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\P113712\Drawings\CADsheets\P113712-shr-plan.dgn		CHECKED -	REVISED -		559	581TS&N-14	COOK	165	36				
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		CONTRACT NO. 60Y24				ILLINOIS FED. AID PROJECT				
Default					SCALE: 1" = 50'	SHEET OF SHEETS	STA. 583+00 TO STA. 598+00						

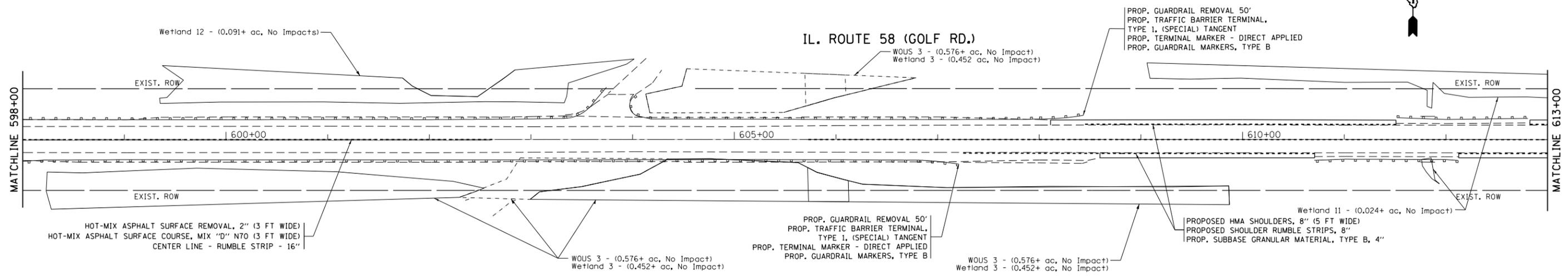


EXISTING

NOTES:

CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.



PROPOSED

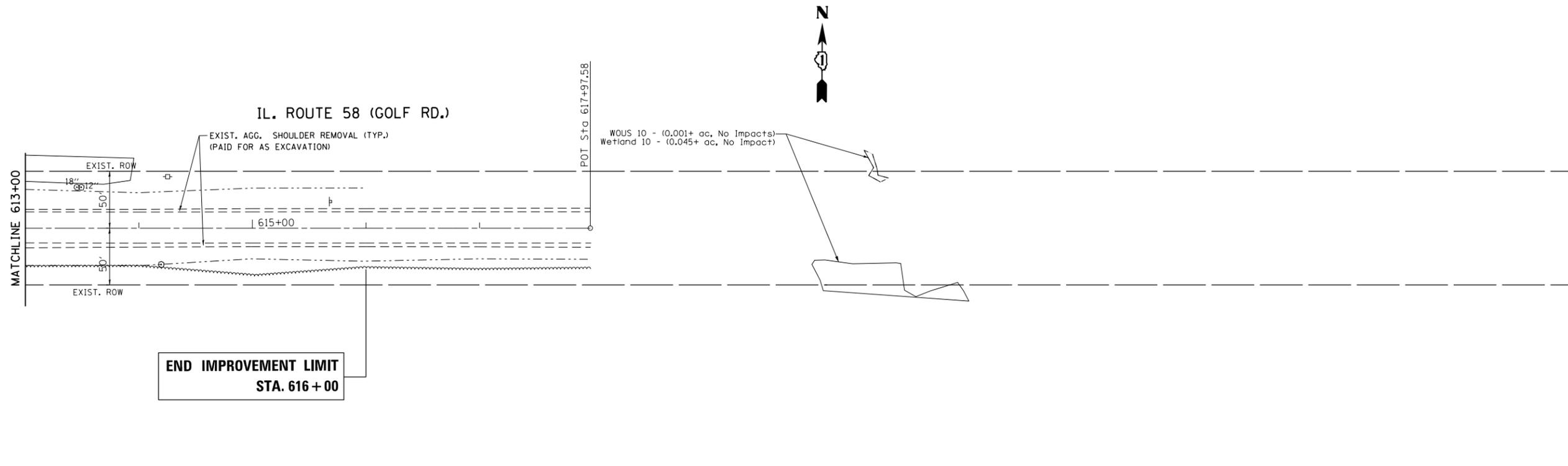
FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	37
CONTRACT NO. 60Y24			ILLINOIS FED. AID PROJECT	

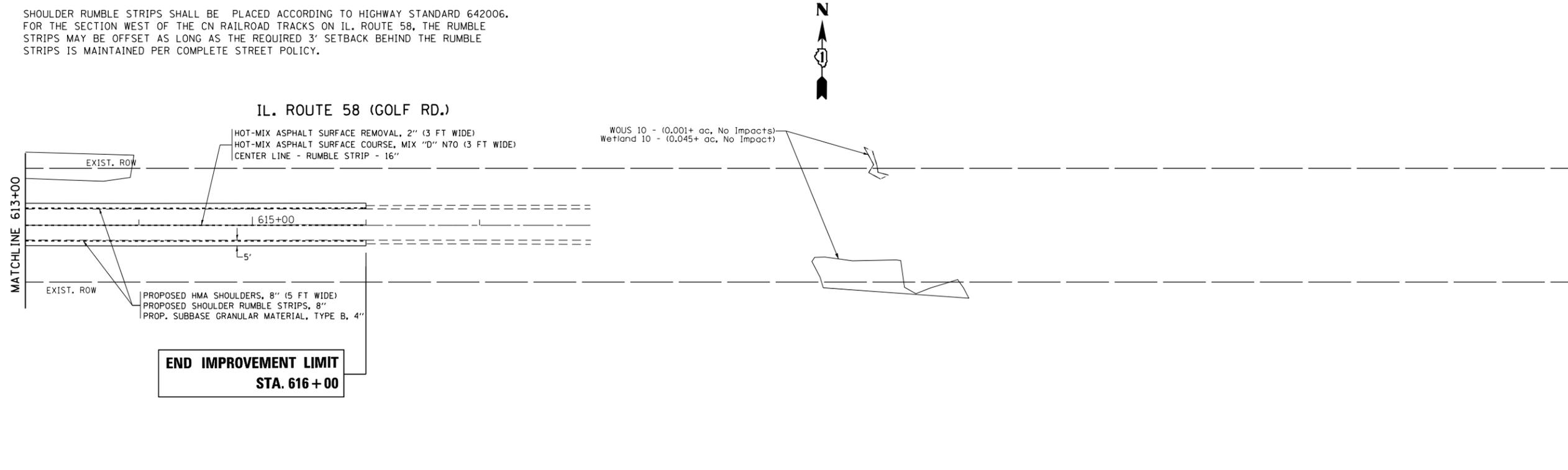
SCALE: 1" = 50' SHEET OF SHEETS STA. 598+00 TO STA. 613+00



**END IMPROVEMENT LIMIT
STA. 616 + 00**

EXISTING

NOTES:
 CENTERLINE RMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".
 SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006. FOR THE SECTION WEST OF THE CN RAILROAD TRACKS ON IL. ROUTE 58, THE RUMBLE STRIPS MAY BE OFFSET AS LONG AS THE REQUIRED 3' SETBACK BEHIND THE RUMBLE STRIPS IS MAINTAINED PER COMPLETE STREET POLICY.



**END IMPROVEMENT LIMIT
STA. 616 + 00**

PROPOSED

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI13712\Drawings\CADsheets\PI13712-sh1-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

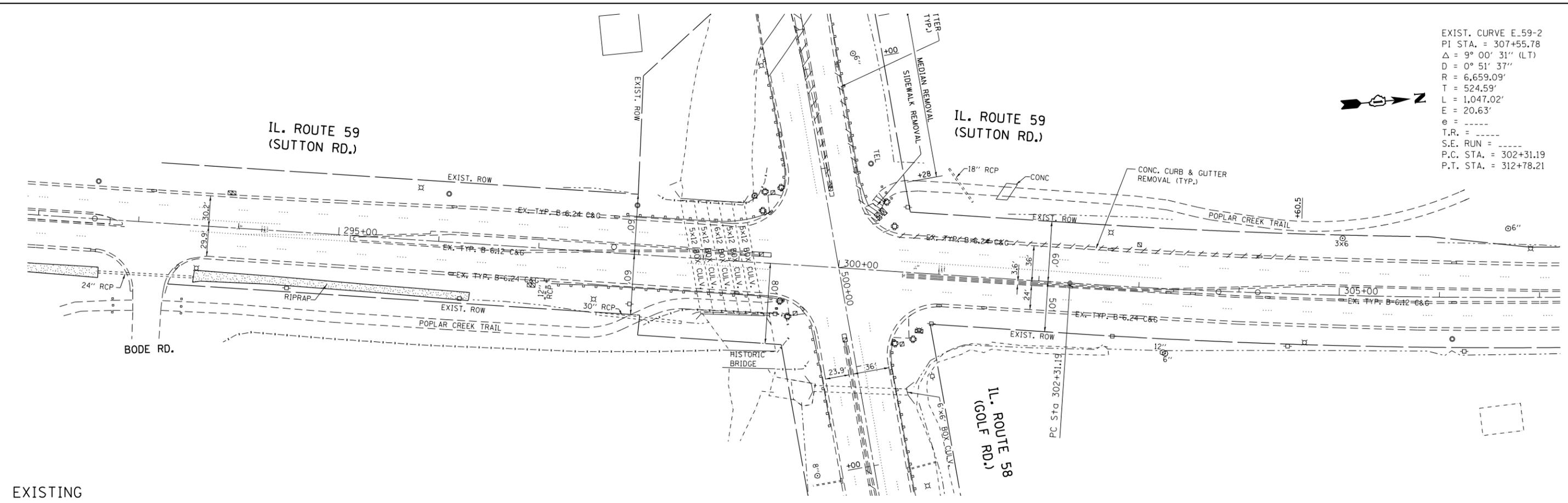
**EXISTING AND PROPOSED ROADWAY PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)**

SCALE: 1" = 50' SHEET OF SHEETS STA. 613+00 TO STA. 616+00

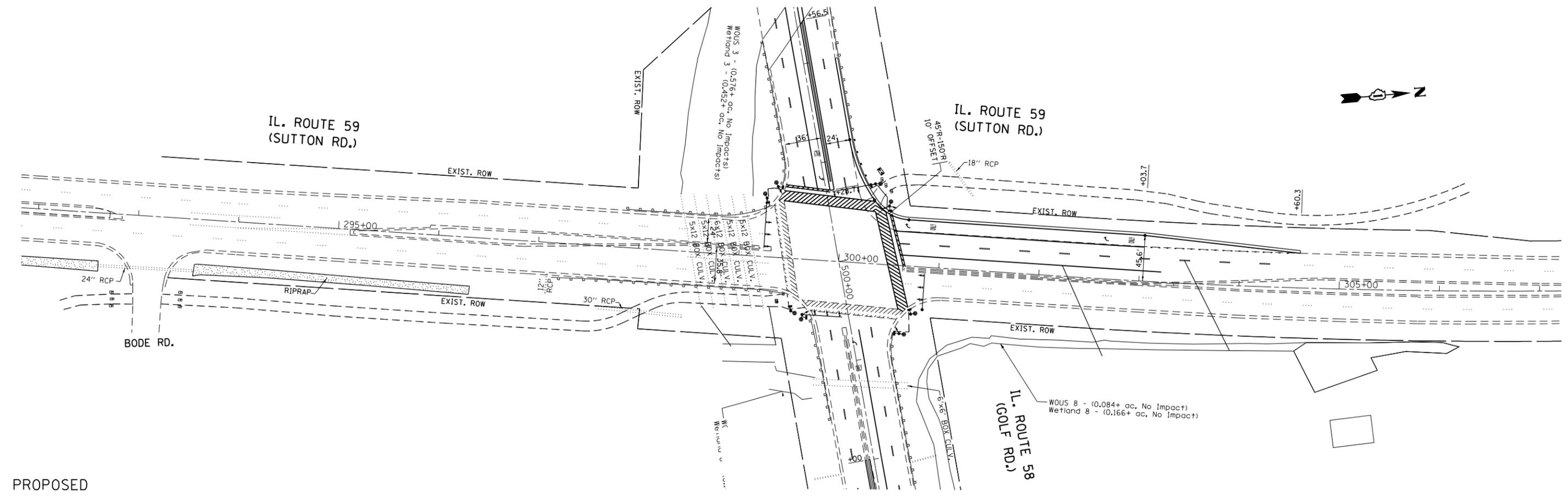
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	38
CONTRACT NO. 60Y24			ILLINOIS FED. AID PROJECT	



EXIST. CURVE E-59-2
 PI STA. = 307+55.78
 $\Delta = 9^\circ 00' 31''$ (LT)
 $D = 0^\circ 51' 37''$
 $R = 6,659.09'$
 $T = 524.59'$
 $L = 1,047.02'$
 $E = 20.63'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 302+31.19$
 $P.T. \text{ STA.} = 312+78.21$



EXISTING



PROPOSED

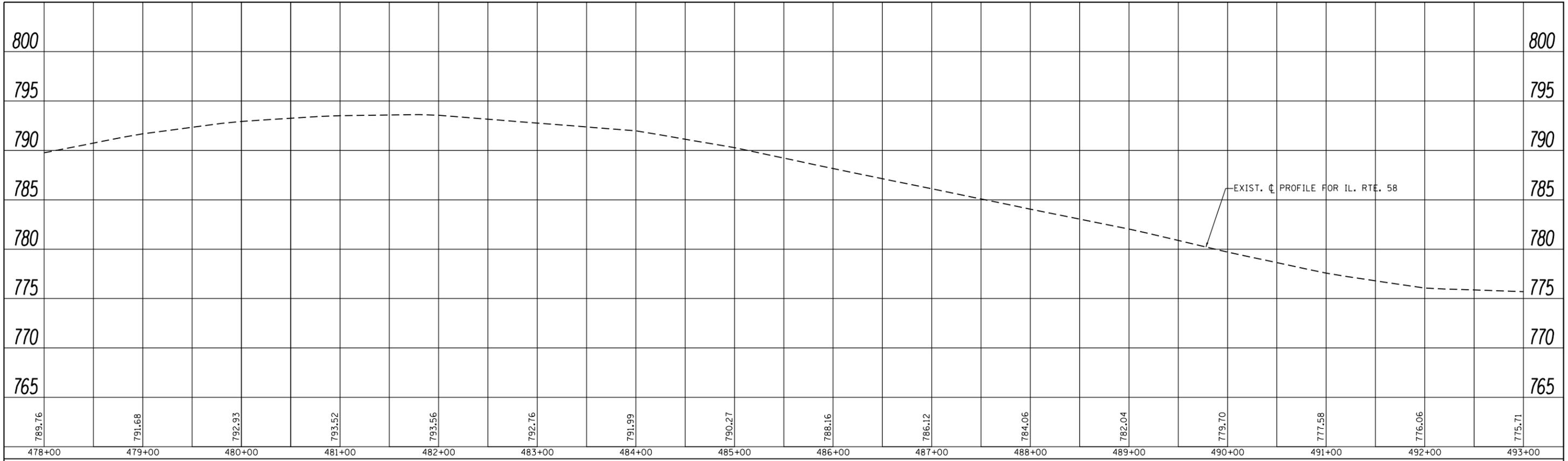
FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
p:\work\IL084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI1312\Drawings\CADsheets\PI1312-sht-plan.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

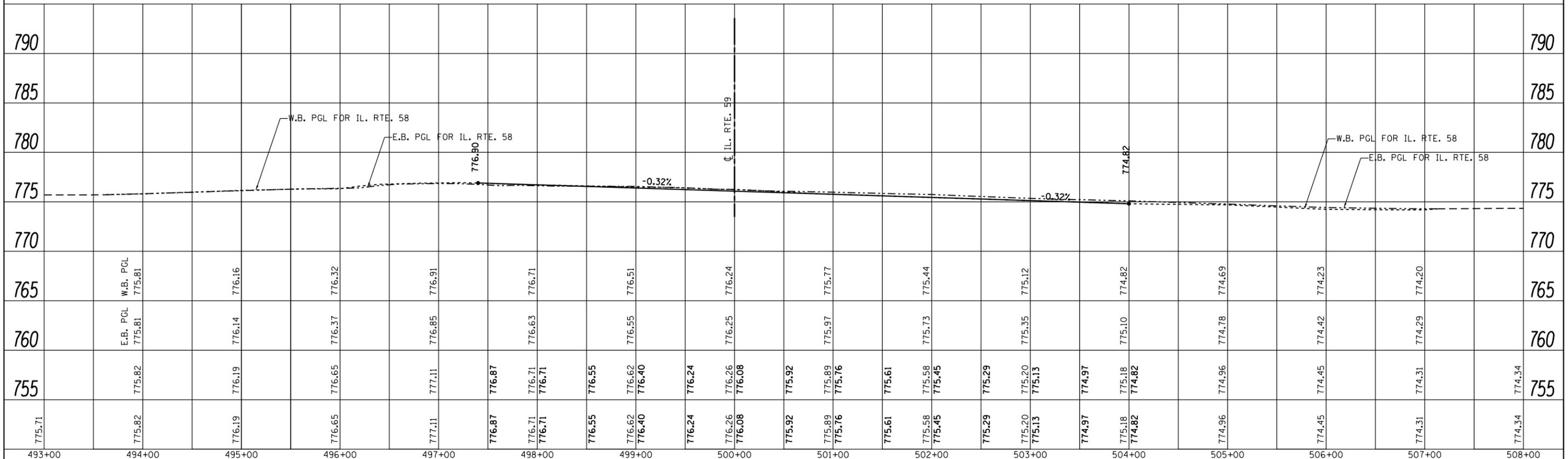
EXISTING AND PROPOSED ROADWAY PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSEN RD TO W/O BARRINGTON RD)
 SCALE: 1" = 50' SHEET OF SHEETS STA. 298+00 TO STA. 311+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	39
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT		
	CHECKED		
	CADD FILE NAME		



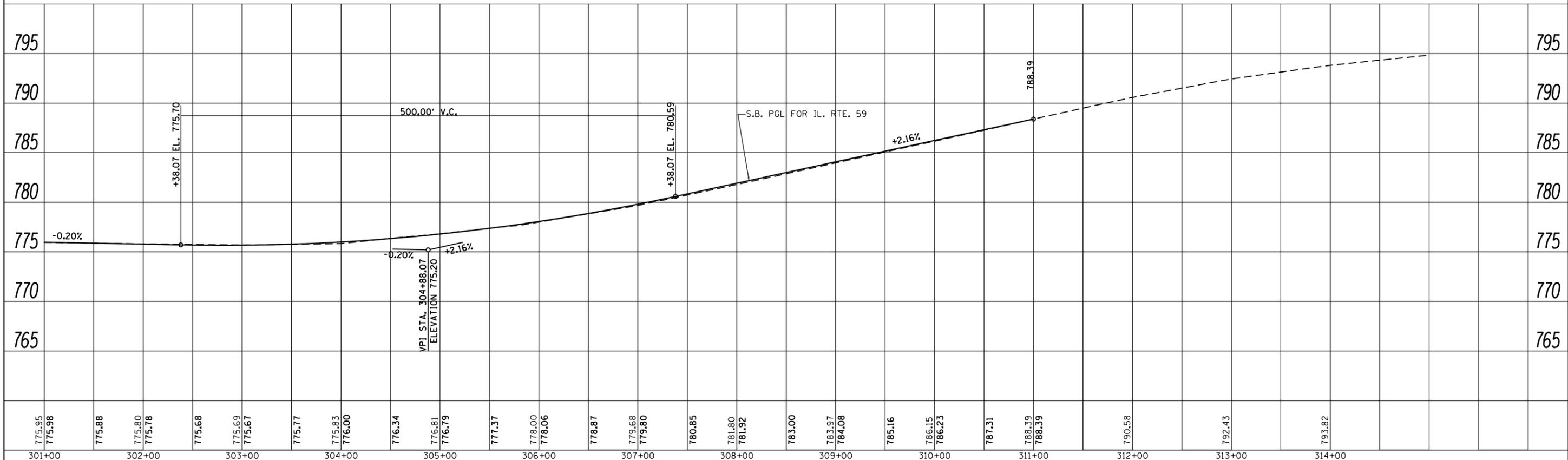
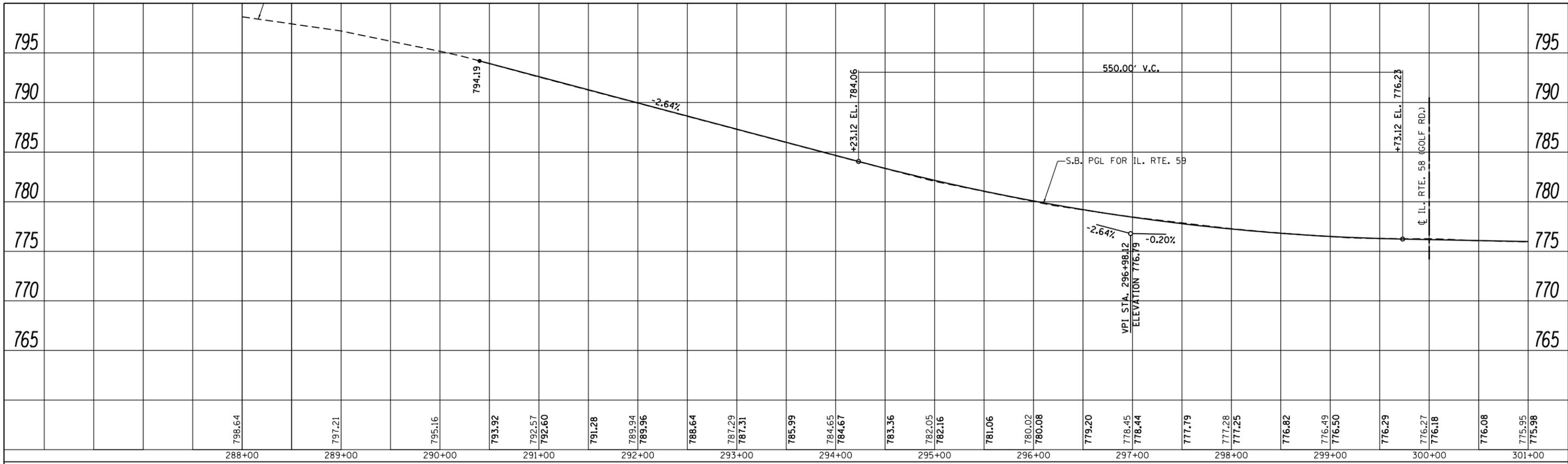
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NOTE BOOK NO.	PLOTTED		
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	NOTATIONS CHECKED		



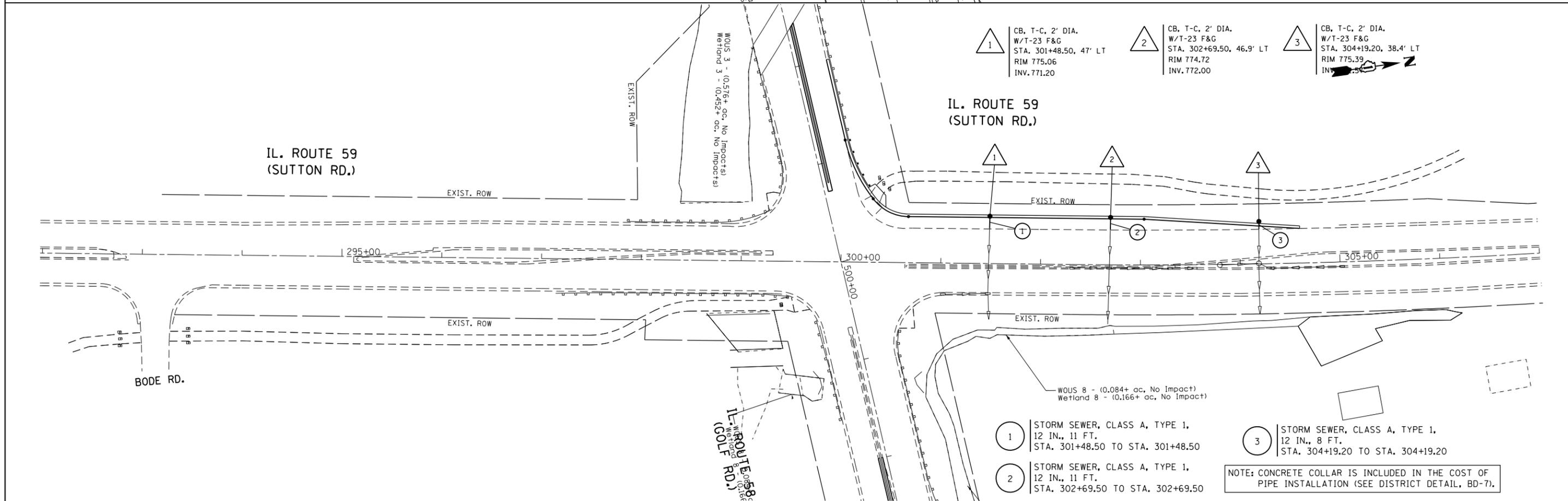
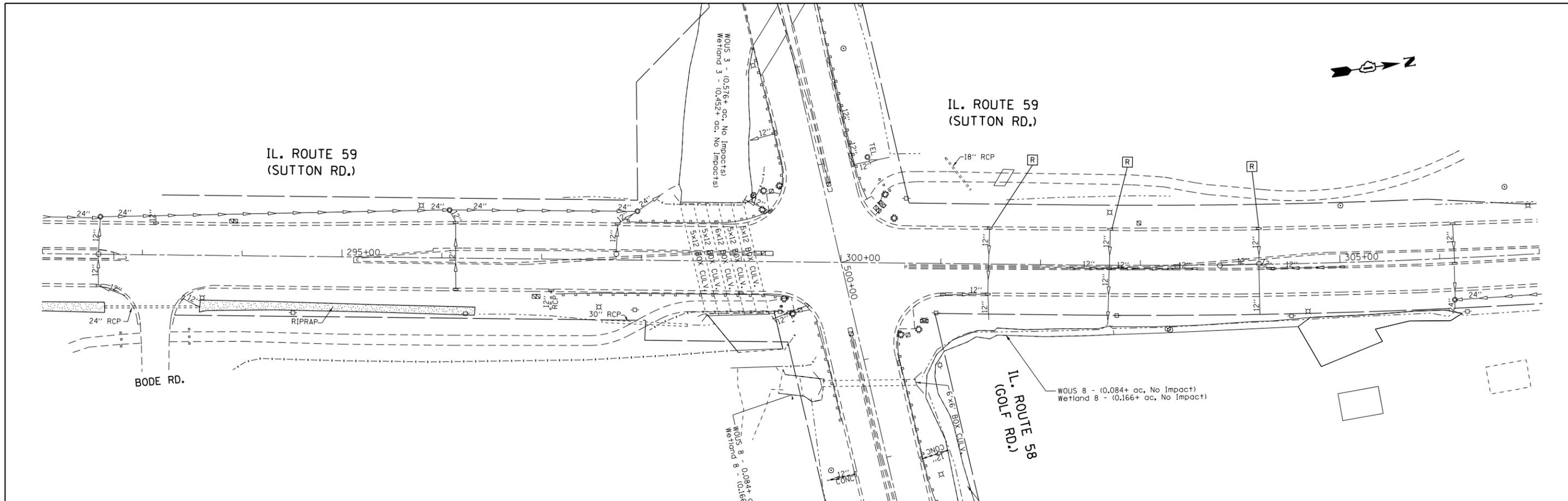
FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED PROFILE IL ROUTE 58 (GOLF RD) (W/O ROHRSEN RD TO E/O BARRINGTON RD)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\P113712\Drawings\CAD\Sheets\P113712-sht-profile.dgn		DRAWN -	REVISED -		559	581(TS&N)-14	COOK	165	40			
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60Y24							
Default	DATE -	REVISED -			SCALE: 1"=50'	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED PROFILE IL ROUTE 58 (GOLF RD) (W/O ROHRSEN RD TO E/O BARRINGTON RD)		F.A.P. RTE. 559	SECTION 581(TS&N)-14	COUNTY COOK	TOTAL SHEETS 165	SHEET NO. 41	
Drawn	Checked	Revised	Scale		SCALE: 1"=50'		SHEET	OF	SHEETS	STA.	TO	STA.
Plot Scale = 100.0000' / in.	Checked	Revised	Date		CONTRACT NO. 60Y24		ILLINOIS FED. AID PROJECT					
Plot Date = 12/8/2015	Date	Revised										

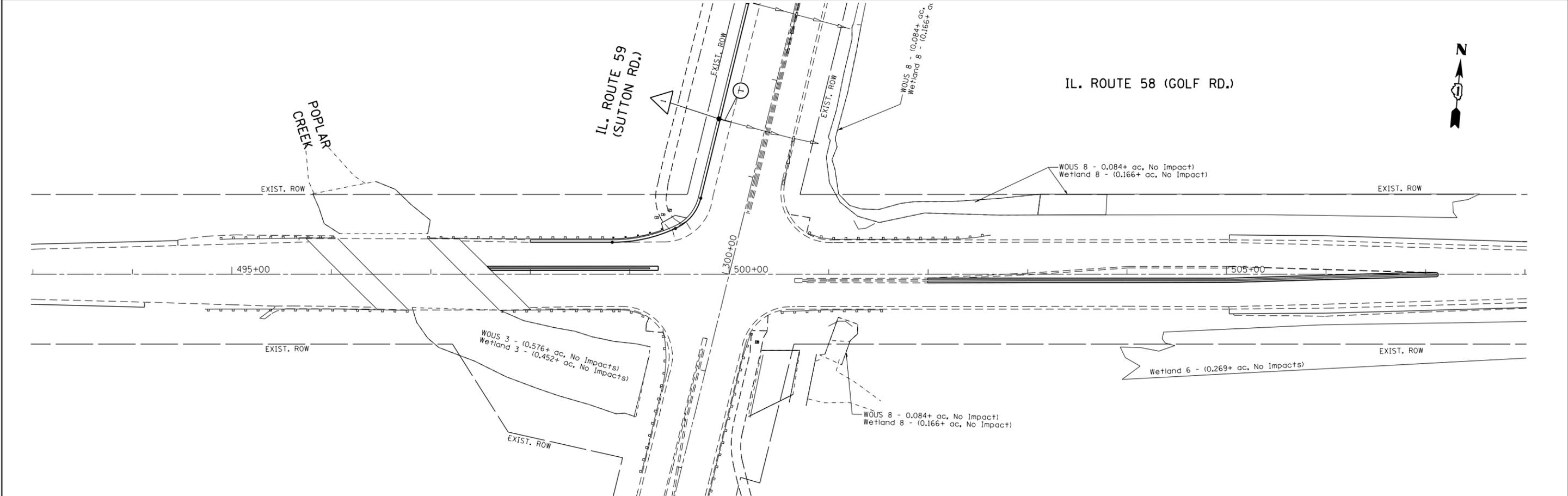
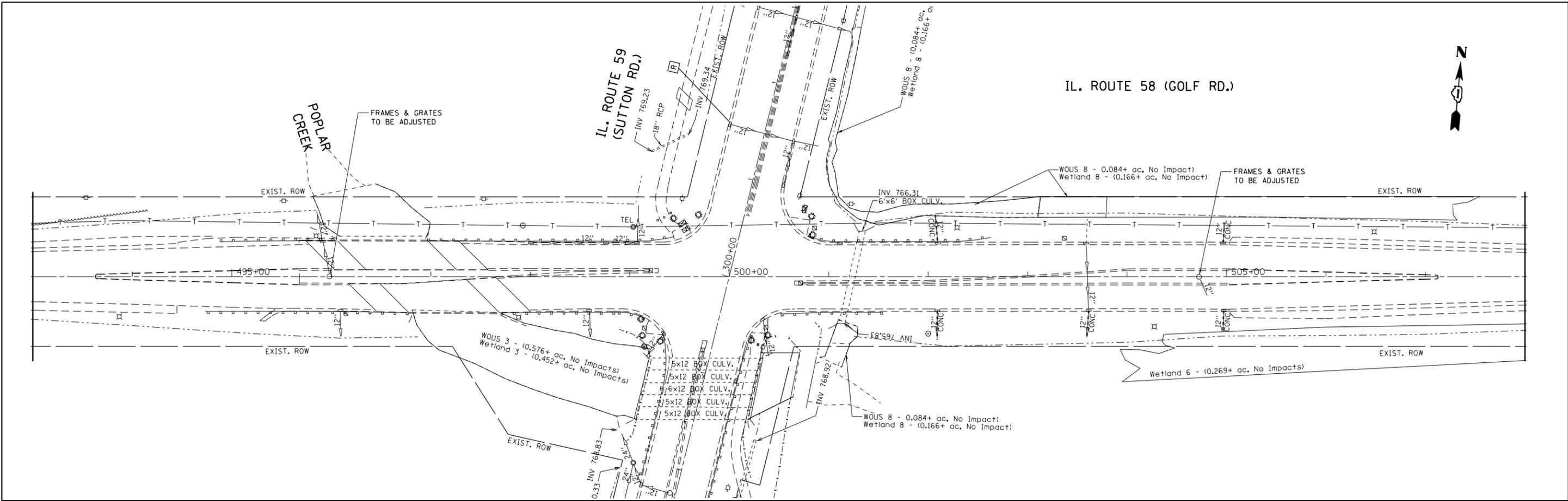


- 1 CB, T-C, 2' DIA. W/T-23 F&G STA. 301+48.50, 47' LT RIM 775.06 INV. 771.20
- 2 CB, T-C, 2' DIA. W/T-23 F&G STA. 302+69.50, 46.9' LT RIM 774.72 INV. 772.00
- 3 CB, T-C, 2' DIA. W/T-23 F&G STA. 304+19.20, 38.4' LT RIM 775.39 INV. 775.39

- 1 STORM SEWER, CLASS A, TYPE 1, 12 IN., 11 FT. STA. 301+48.50 TO STA. 301+48.50
- 2 STORM SEWER, CLASS A, TYPE 1, 12 IN., 11 FT. STA. 302+69.50 TO STA. 302+69.50
- 3 STORM SEWER, CLASS A, TYPE 1, 12 IN., 8 FT. STA. 304+19.20 TO STA. 304+19.20

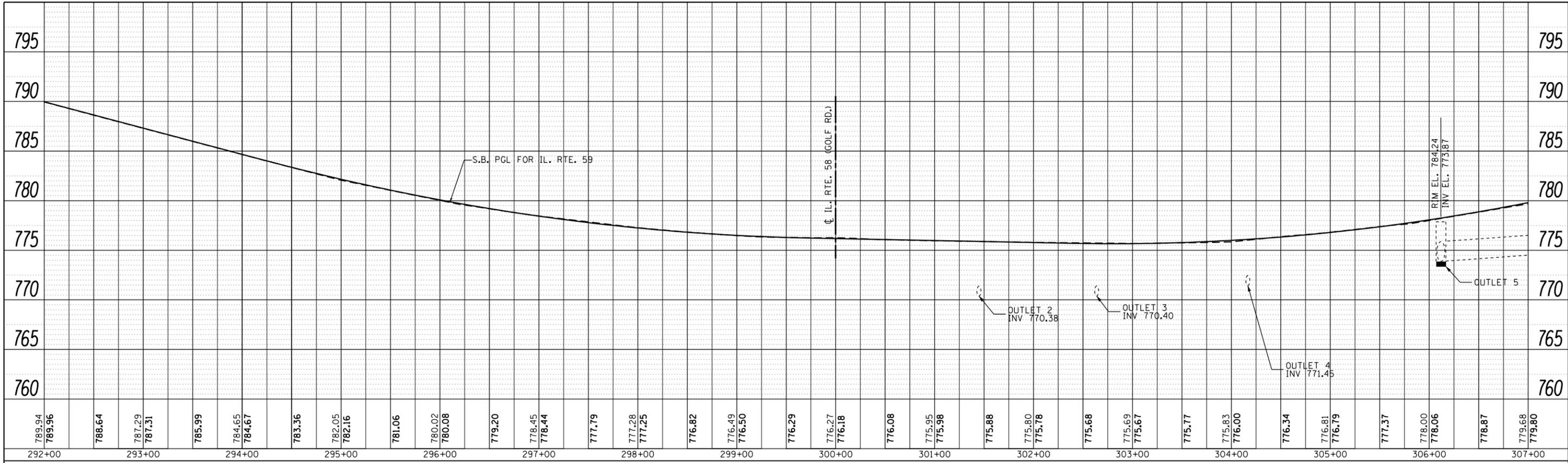
NOTE: CONCRETE COLLAR IS INCLUDED IN THE COST OF PIPE INSTALLATION (SEE DISTRICT DETAIL, BD-7).

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE & UTILITIES PLAN IL ROUTE 58 (GOLF RD) (W/O ROHRSEN RD TO E/O BARRINGTON RD)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI13712\Drawings\CADsheets\PI13712-sht-drain.dgn		CHECKED -	REVISED -		559	581TS&N-14	COOK	165	42			
		DATE -	REVISED -		CONTRACT NO. 60Y24							
Default		PLOT DATE = 12/8/2015			ILLINOIS FED. AID PROJECT							

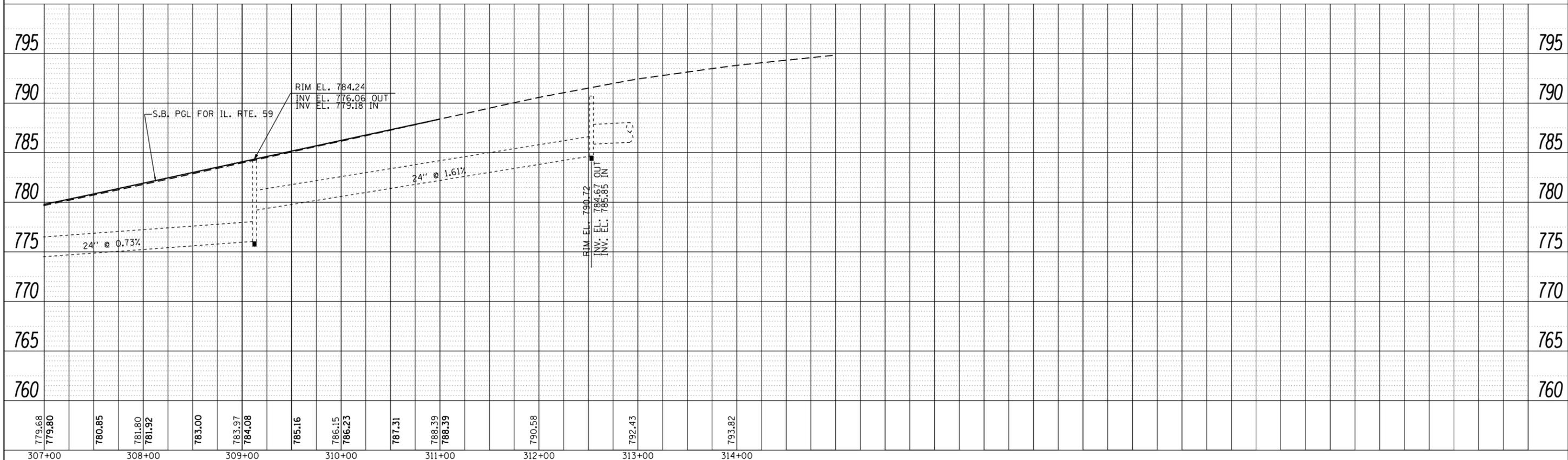


FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE & UTILITIES PLAN IL ROUTE 58 (GOLF RD) (W/O ROHRSEN RD TO E/O BARRINGTON RD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 60Y24			ILLINOIS FED. AID PROJECT		
	PLOT DATE = 12/8/2015					SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	CARD FILE NAME		
	NO.		



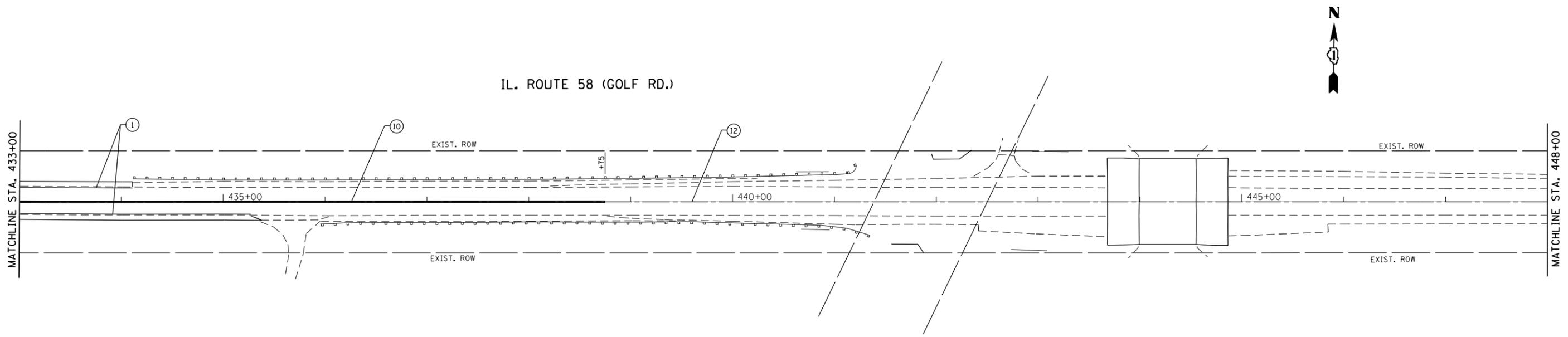
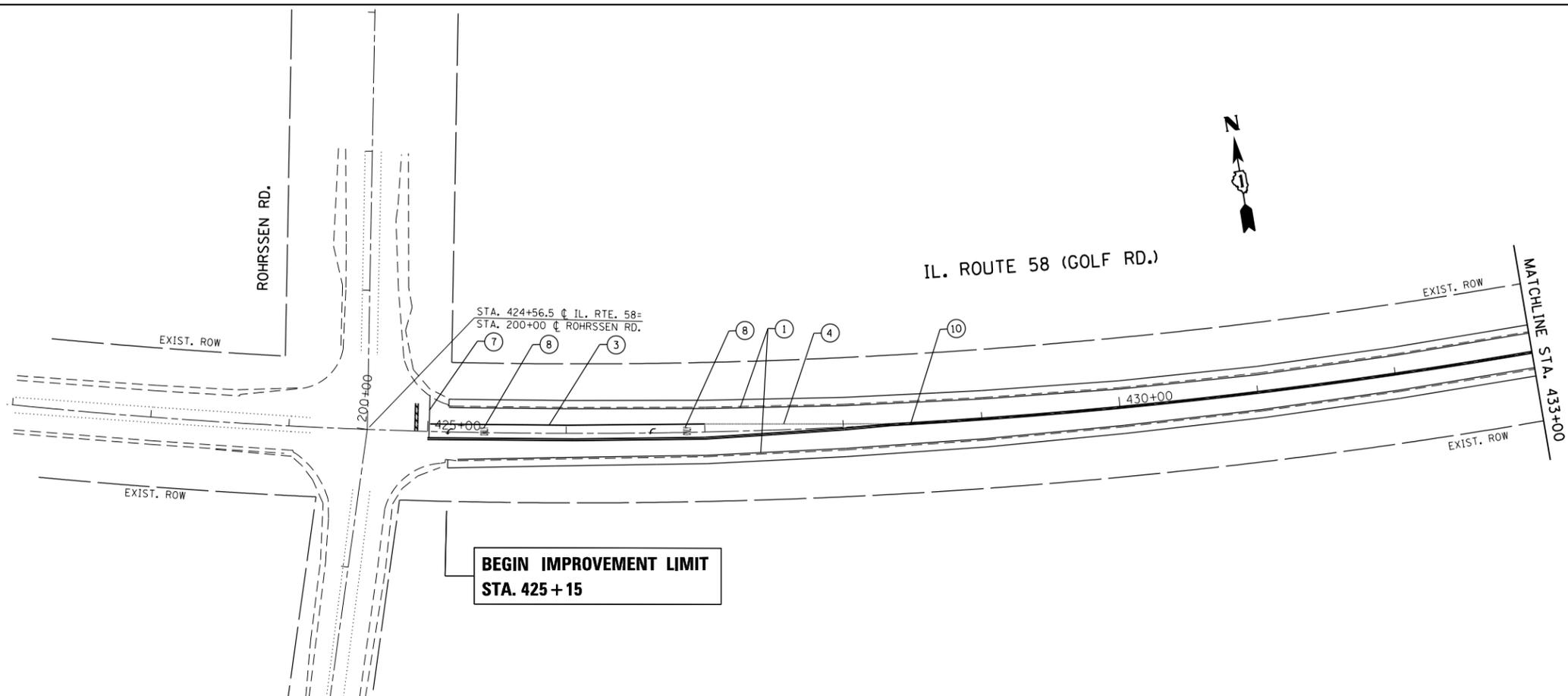
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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
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FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PROFILE IL ROUTE 58 (GOLF RD) (W/O ROHRSEN RD TO E/O BARRINGTON RD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	12/8/2015	CHECKED -	REVISED -			559	581(TS&N)-14	COOK	165	44	
		DATE -	REVISED -			CONTRACT NO. 60Y24					
						ILLINOIS FED. AID PROJECT					

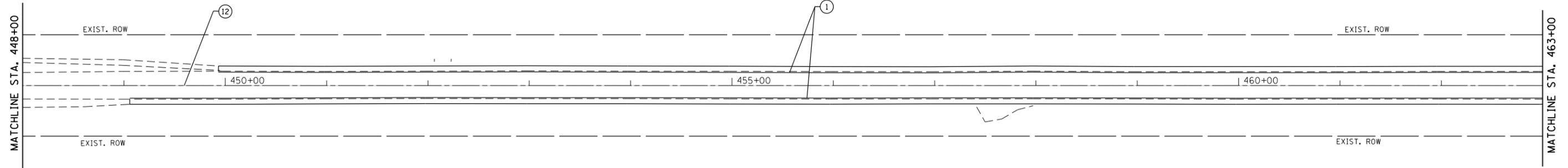
LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES 2 @ 6' APART, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP-DASH AT 10' SKIP, 3' DASH, WHITE (TYP.)
- ⑩ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW CENTERLINE, 11" C-C (TYP.)
- ⑪ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", NO PASSING ZONE, YELLOW 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.)
- ⑫ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING, 4" CENTERLINE, YELLOW 10' DASH, 30' SKIP (TYP.)



FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKING PLAN IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)	F.A.P. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
						559	581(TS&N)-14	COOK	165	45	
						CONTRACT NO. 60Y24					
						ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 12/8/2015	DATE -	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO STA.	

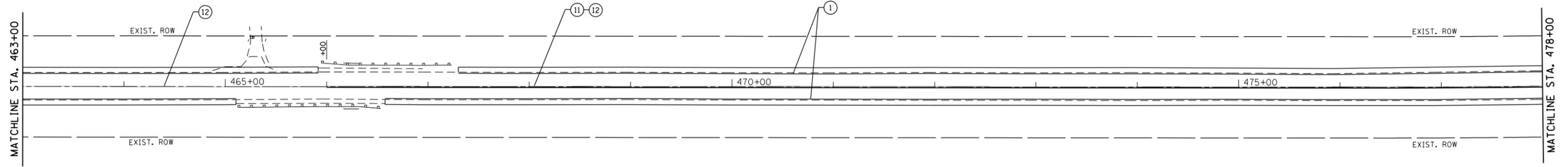
IL. ROUTE 58 (GOLF RD.)



LEGEND

- | | |
|--|--|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.) | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.) |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, YELLOW (TYP.) | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.) |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.) | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP-DASH AT 10' SKIP, 3' DASH, WHITE (TYP.) |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.) | ⑩ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW CENTERLINE, 11" C-C (TYP.) |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES 2 @ 6' APART, WHITE (TYP.) | ⑪ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", NO PASSING ZONE, YELLOW 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.) |
| ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.) | ⑫ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING, 4" CENTERLINE, YELLOW 10' DASH, 30' SKIP (TYP.) |

IL. ROUTE 58 (GOLF RD.)



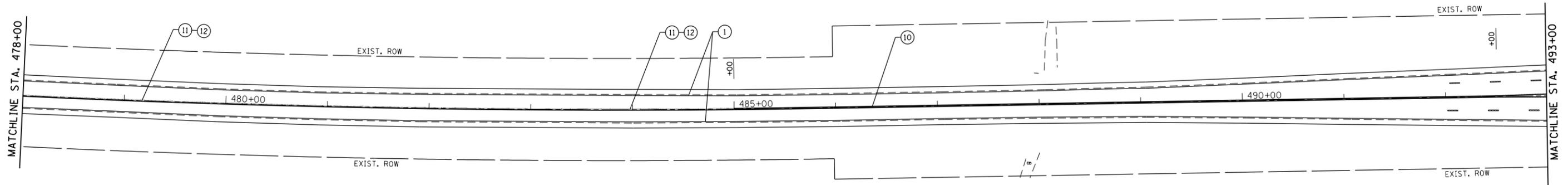
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Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSEN RD TO W/O BARRINGTON RD)
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

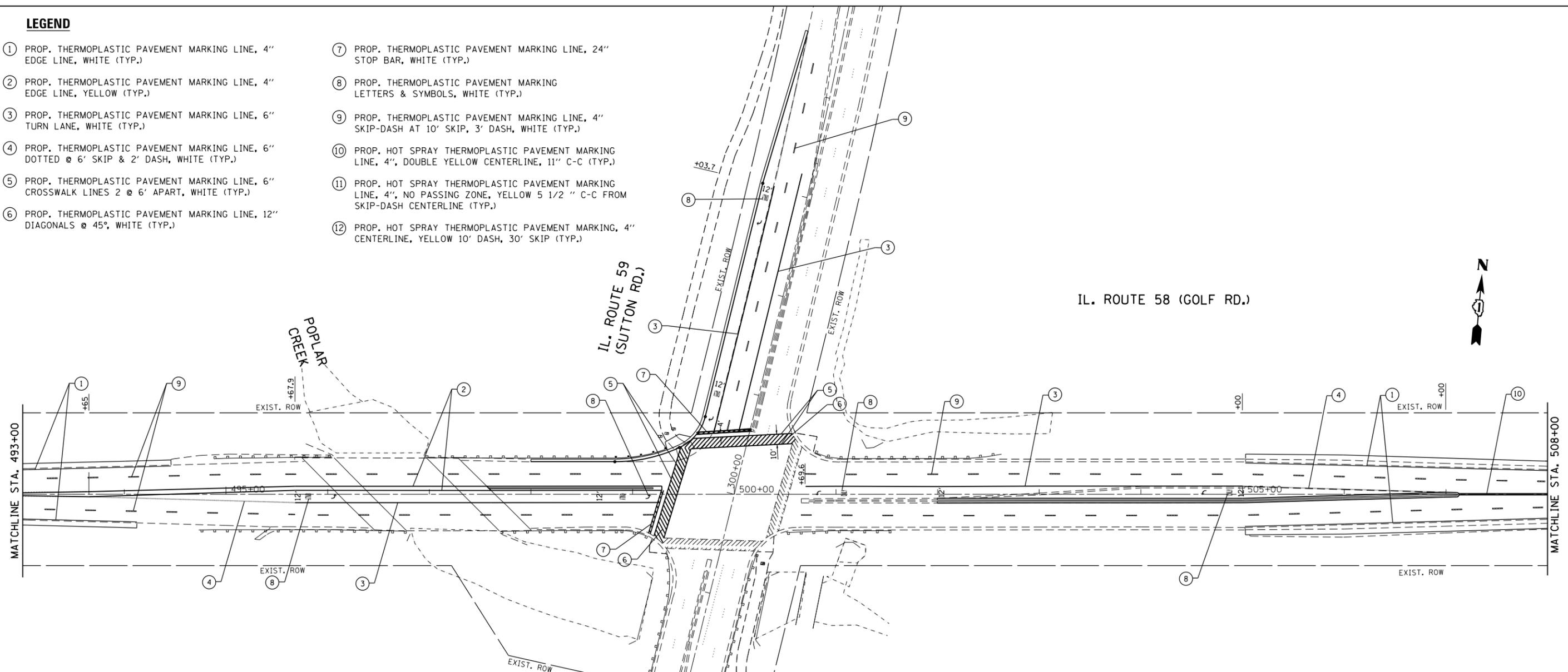
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	46
				CONTRACT NO. 60Y24
ILLINOIS FED. AID PROJECT				

IL. ROUTE 58 (GOLF RD.)



LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES 2 @ 6' APART, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP-DASH AT 10' SKIP, 3' DASH, WHITE (TYP.)
- ⑩ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW CENTERLINE, 11" C-C (TYP.)
- ⑪ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", NO PASSING ZONE, YELLOW 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.)
- ⑫ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING, 4" CENTERLINE, YELLOW 10' DASH, 30' SKIP (TYP.)

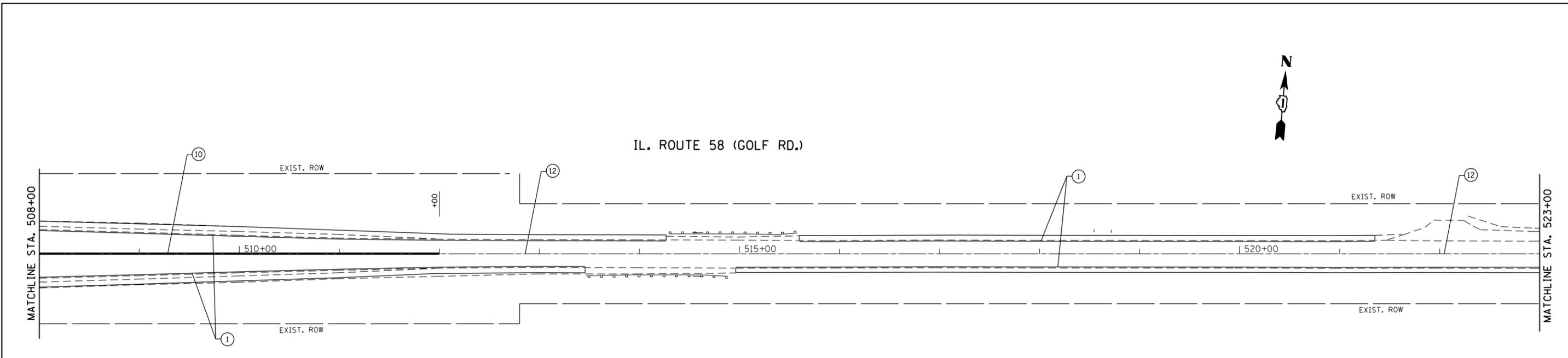


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	PLOT DATE = 12/8/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

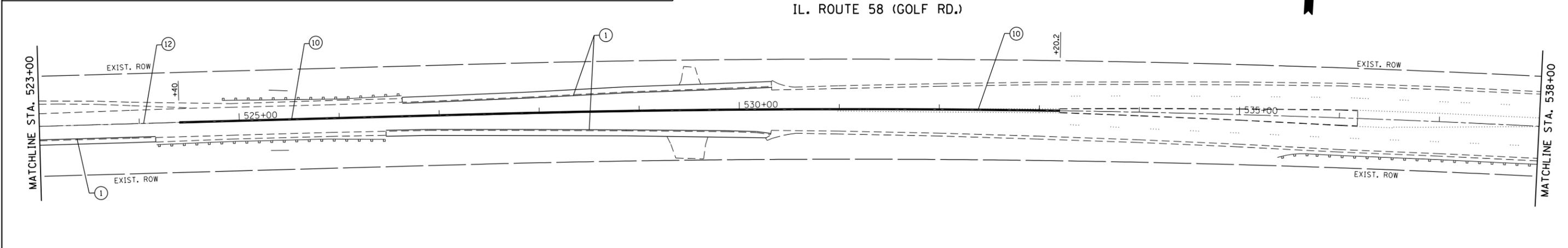
PROPOSED PAVEMENT MARKING PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSEN RD TO W/O BARRINGTON RD)
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	47
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



LEGEND

① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)	⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, YELLOW (TYP.)	⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)	⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP-DASH AT 10' SKIP, 3' DASH, WHITE (TYP.)
④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)	⑩ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW CENTERLINE, 11" C-C (TYP.)
⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES 2 @ 6' APART, WHITE (TYP.)	⑪ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", NO PASSING ZONE, YELLOW 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.)
⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.)	⑫ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING, 4" CENTERLINE, YELLOW 10' DASH, 30' SKIP (TYP.)



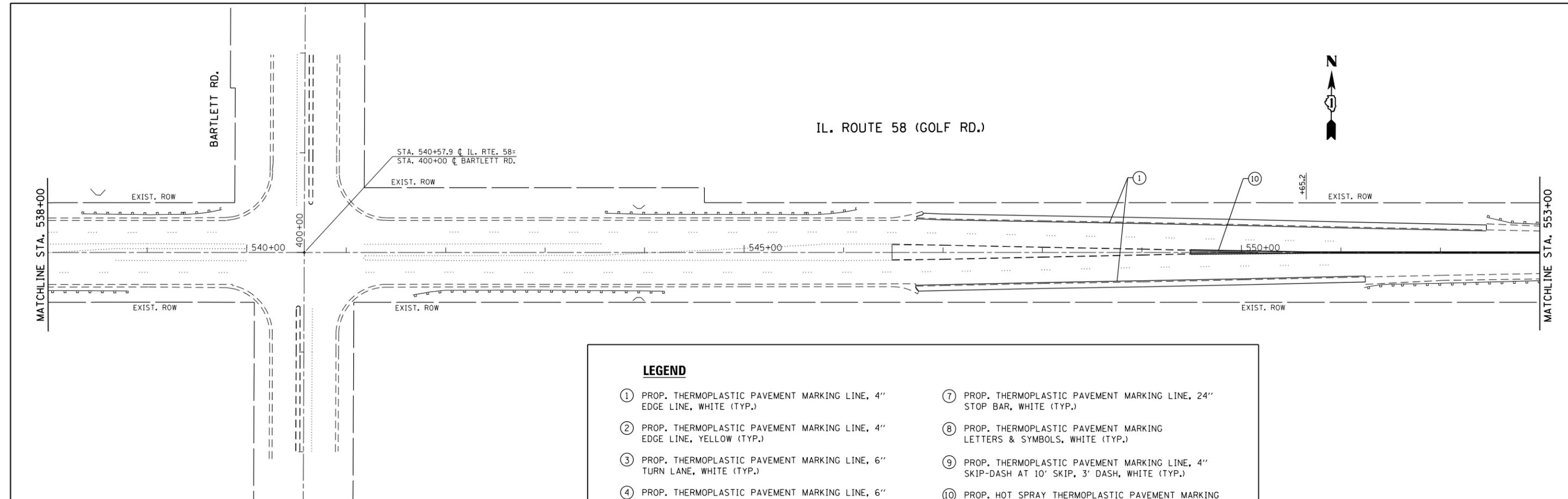
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	PLOT DATE = 12/8/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)**

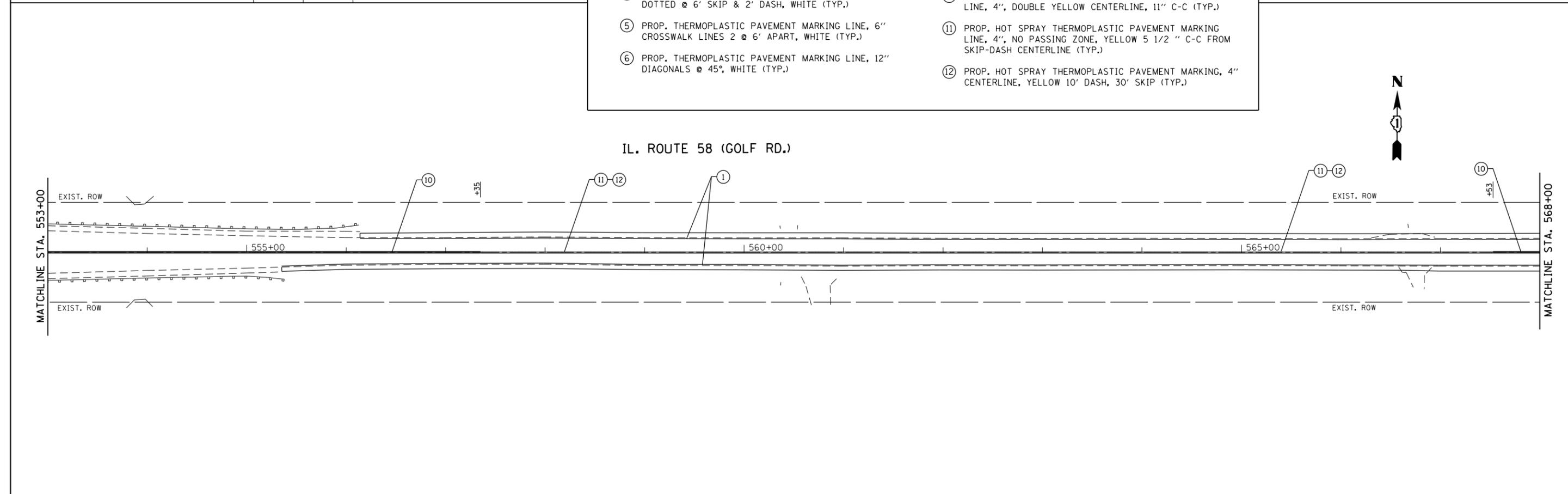
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	48
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES 2 @ 6' APART, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP-DASH AT 10' SKIP, 3' DASH, WHITE (TYP.)
- ⑩ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW CENTERLINE, 11" C-C (TYP.)
- ⑪ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", NO PASSING ZONE, YELLOW 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.)
- ⑫ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING, 4" CENTERLINE, YELLOW 10' DASH, 30' SKIP (TYP.)



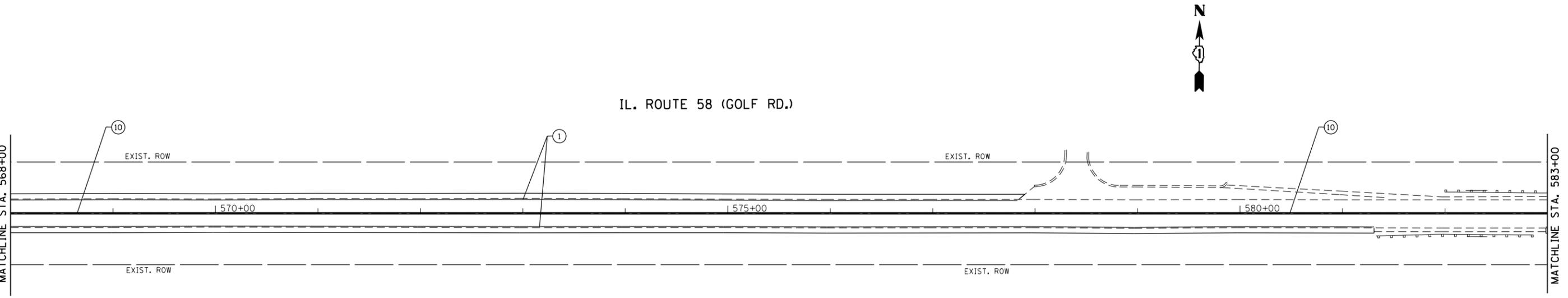
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/8/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)**

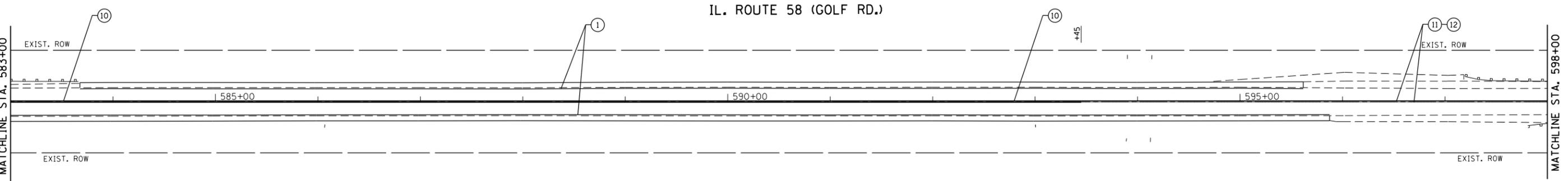
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	49
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



LEGEND

- | | |
|--|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.) | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.) |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, YELLOW (TYP.) | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.) |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.) | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP-DASH AT 10' SKIP, 3' DASH, WHITE (TYP.) |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.) | ⑩ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW CENTERLINE, 11" C-C (TYP.) |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES 2 @ 6' APART, WHITE (TYP.) | ⑪ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", NO PASSING ZONE, YELLOW 5 1/2 " C-C FROM SKIP-DASH CENTERLINE (TYP.) |
| ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.) | ⑫ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING, 4" CENTERLINE, YELLOW 10' DASH, 30' SKIP (TYP.) |



FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
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	PLOT DATE = 12/8/2015	DATE -	REVISED -

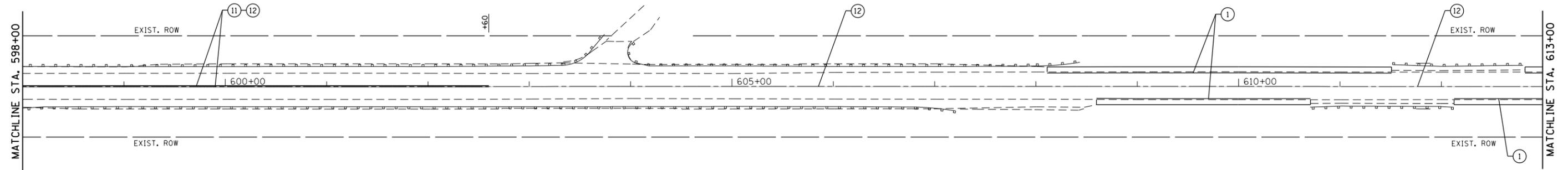
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSEN RD TO W/O BARRINGTON RD)**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	50
				CONTRACT NO. 60Y24
ILLINOIS FED. AID PROJECT				

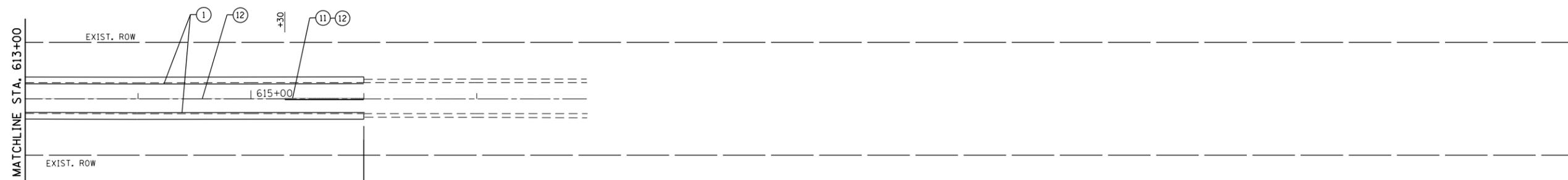
IL. ROUTE 58 (GOLF RD.)



LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES 2 @ 6' APART, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP-DASH AT 10' SKIP, 3' DASH, WHITE (TYP.)
- ⑩ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW CENTERLINE, 11" C-C (TYP.)
- ⑪ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4", NO PASSING ZONE, YELLOW 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.)
- ⑫ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING, 4" CENTERLINE, YELLOW 10' DASH, 30' SKIP (TYP.)

IL. ROUTE 58 (GOLF RD.)



**END IMPROVEMENT LIMIT
STA. 616 + 00**

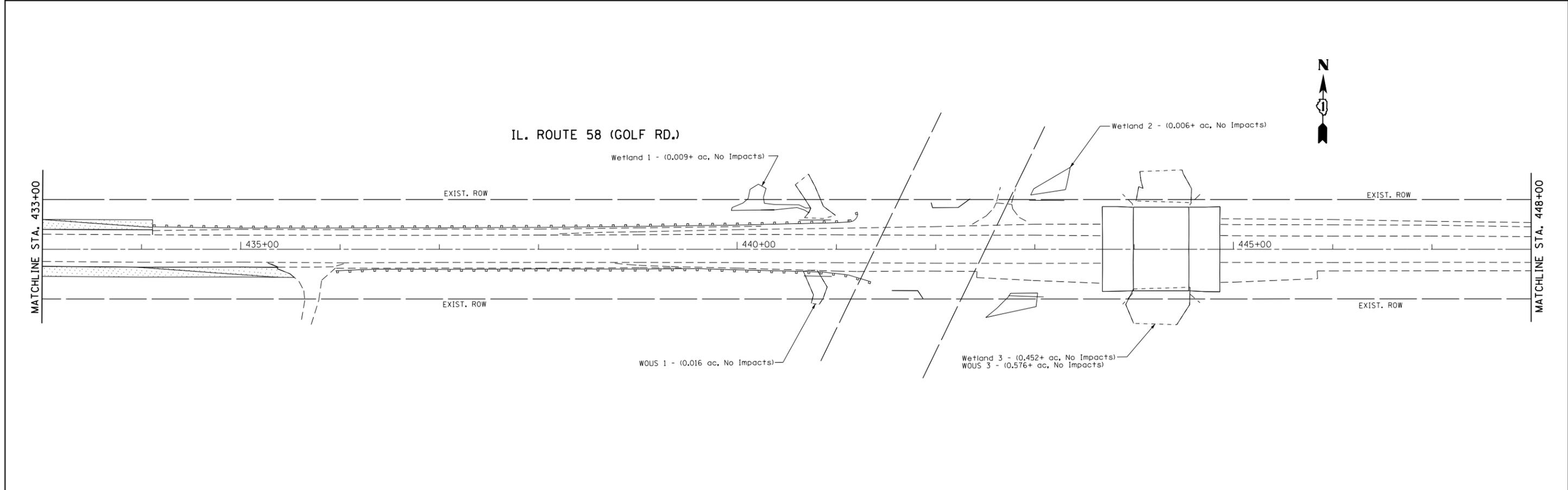
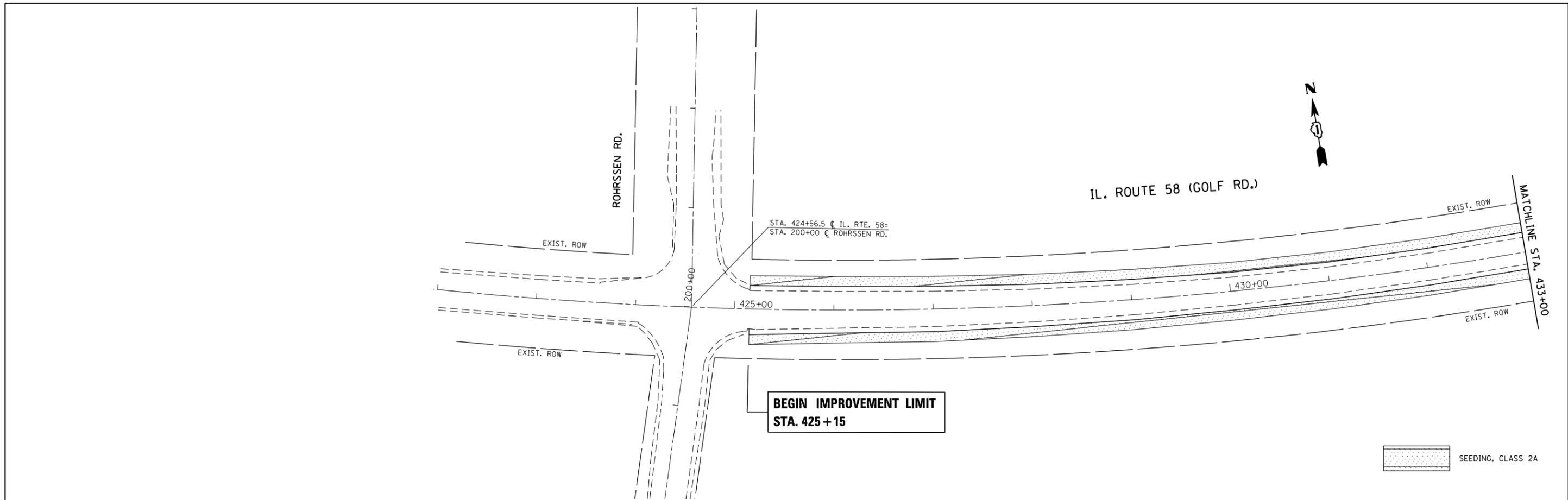
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)**

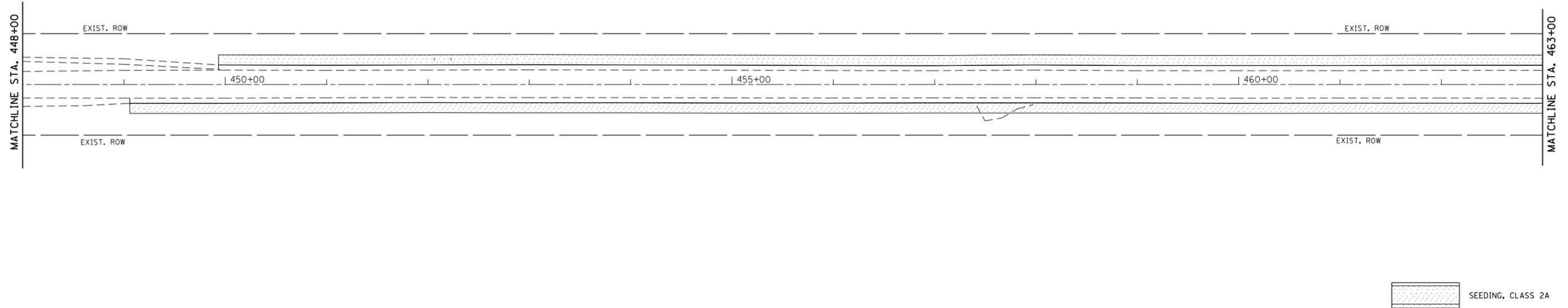
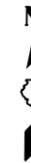
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

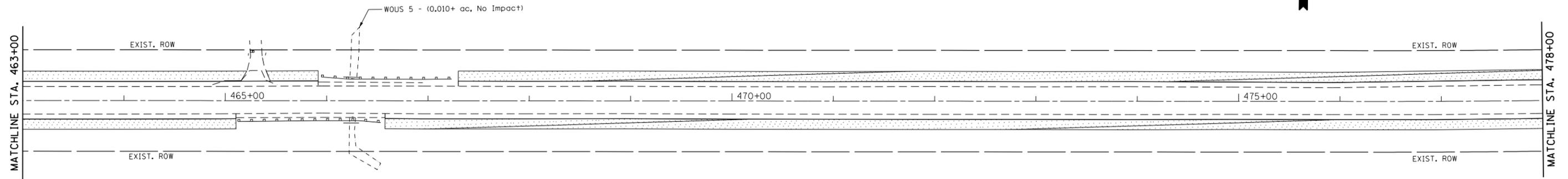


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	PLOT DATE = 12/8/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

IL. ROUTE 58 (GOLF RD.)



IL. ROUTE 58 (GOLF RD.)



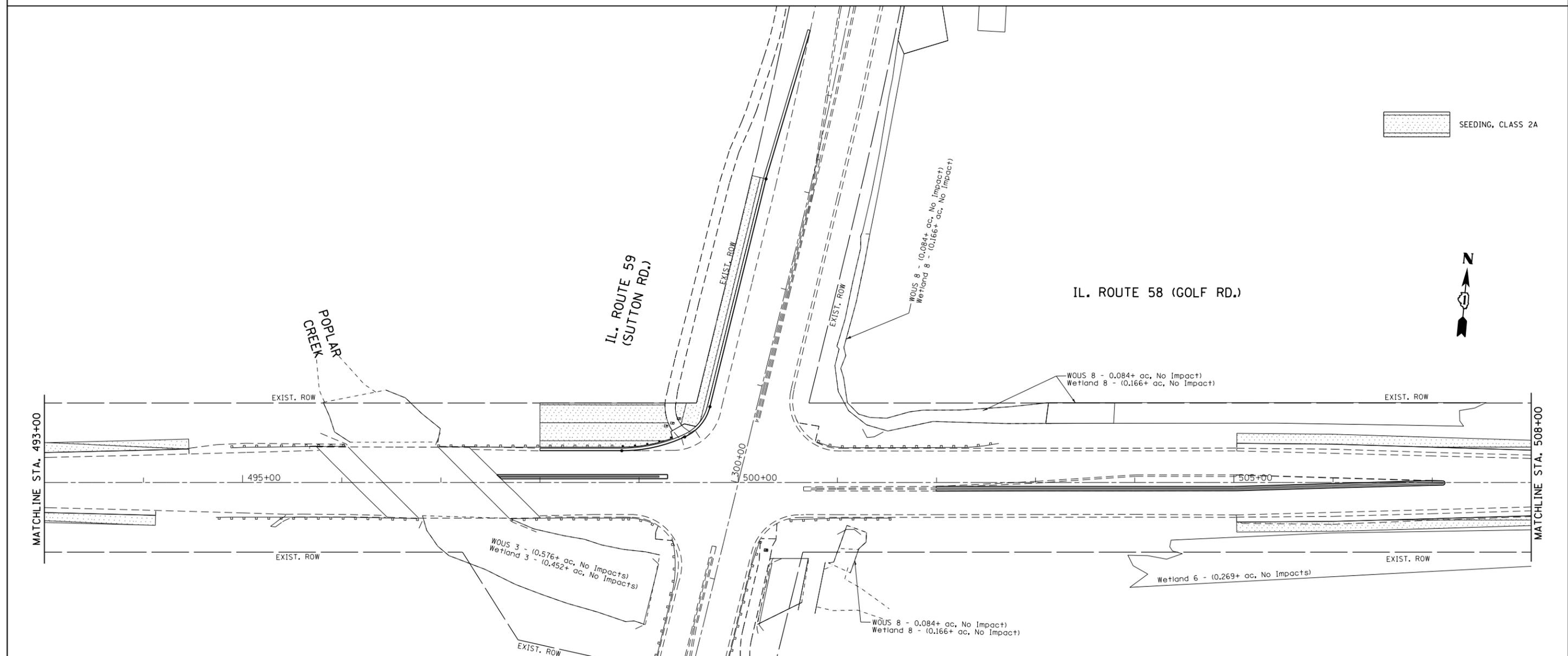
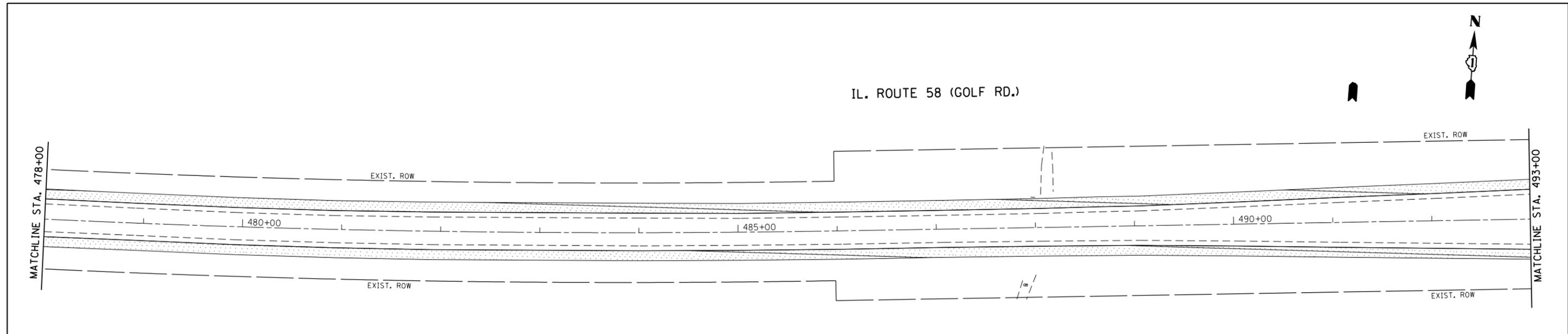
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	PLOT DATE = 12/8/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

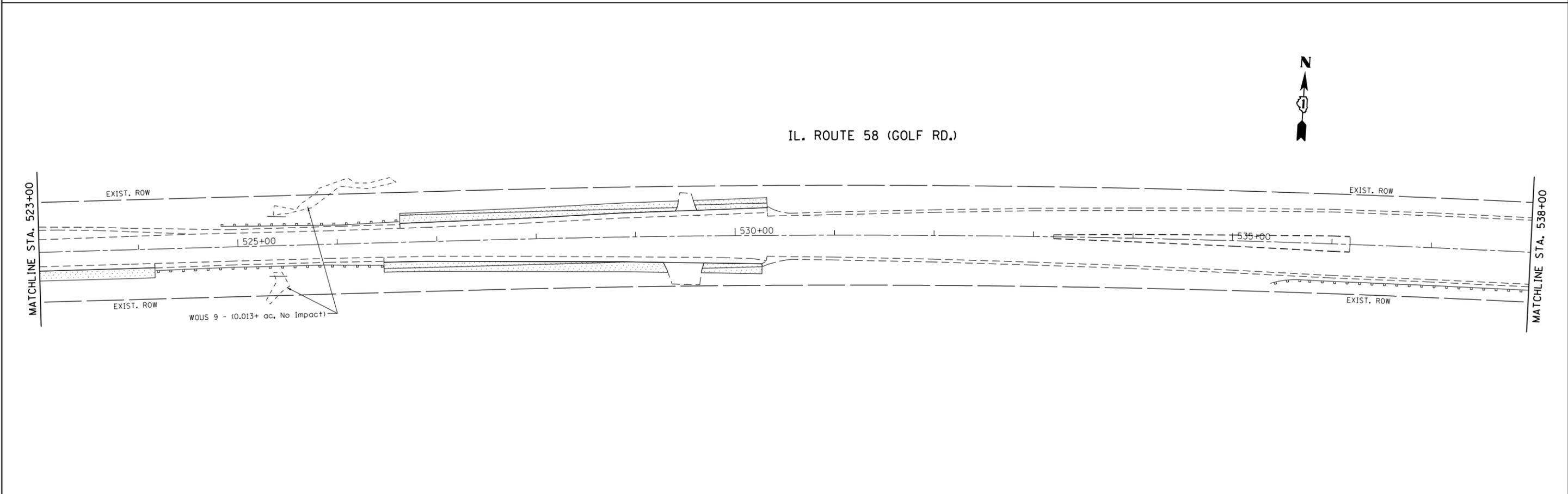
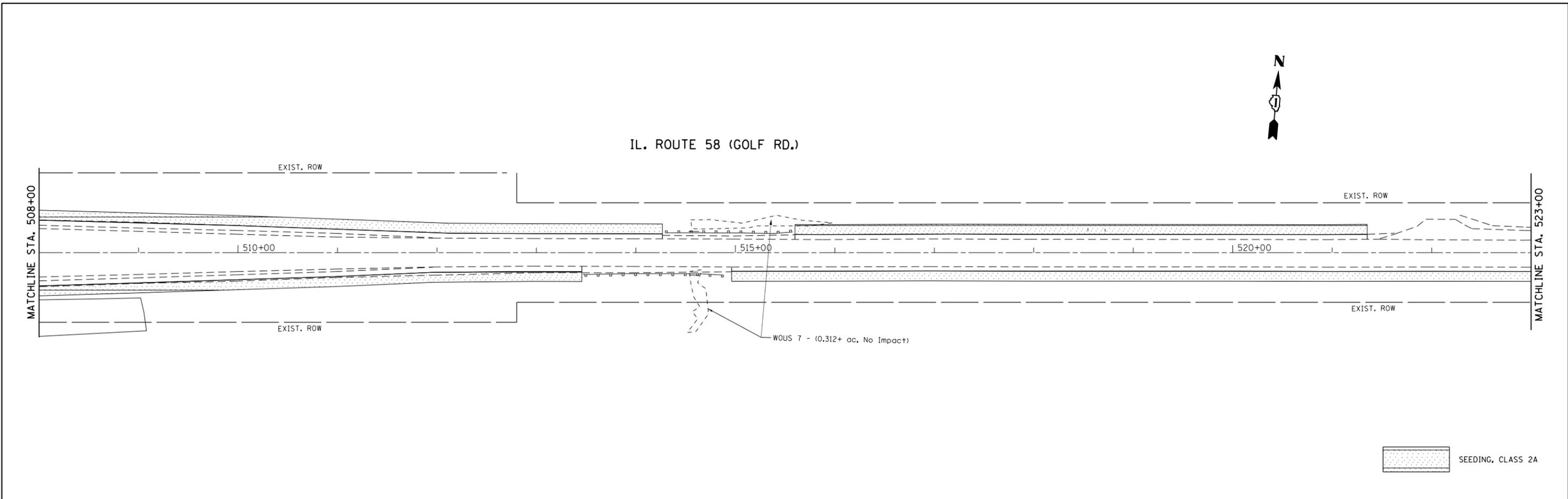
PROPOSED LANDSCAPING PLAN
IL ROUTE 58 (GOLF RD) (W/O ROHRSEN RD TO E/O BARRINGTON RD)

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

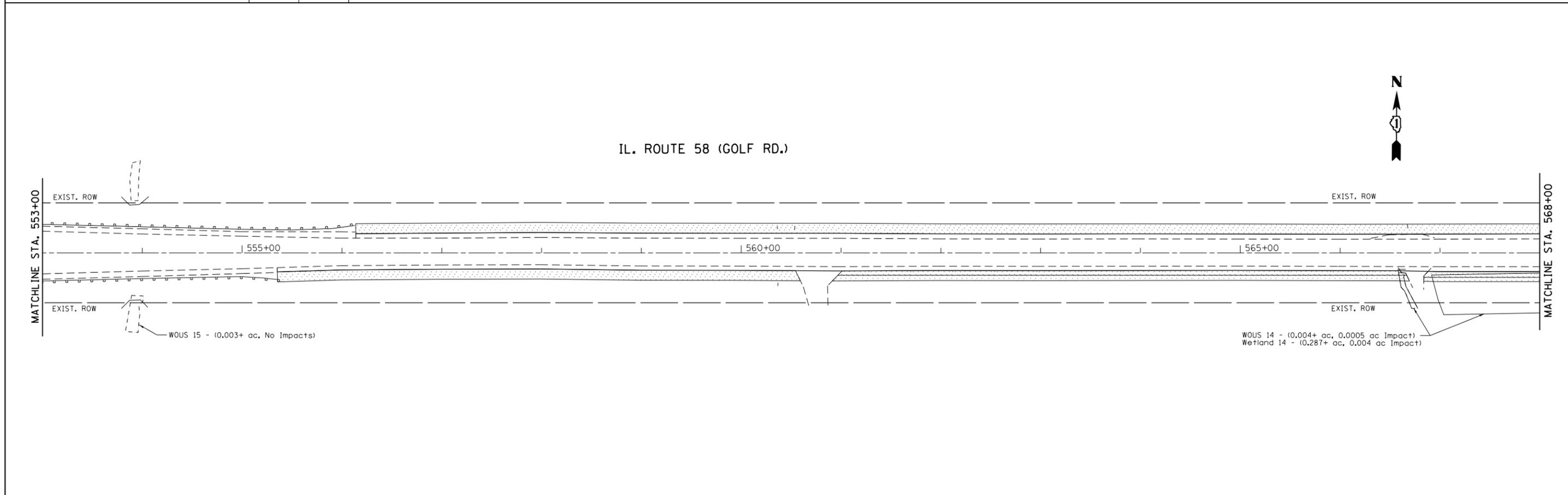
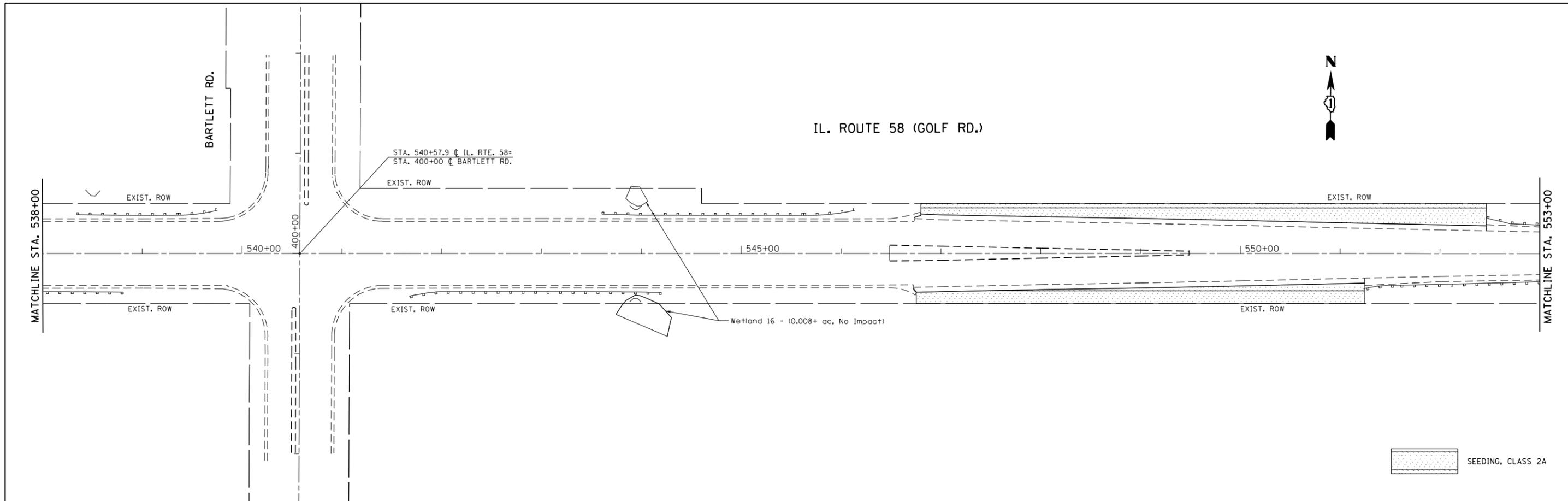
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				CONTRACT NO. 60Y24
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LANDSCAPING PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		PLOT DATE = 12/8/2015	DATE -		REVISED -	ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LANDSCAPING PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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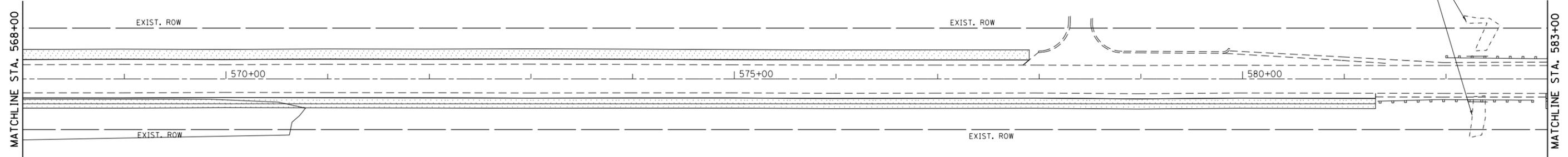


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IL. ROUTE 58 (GOLF RD.)

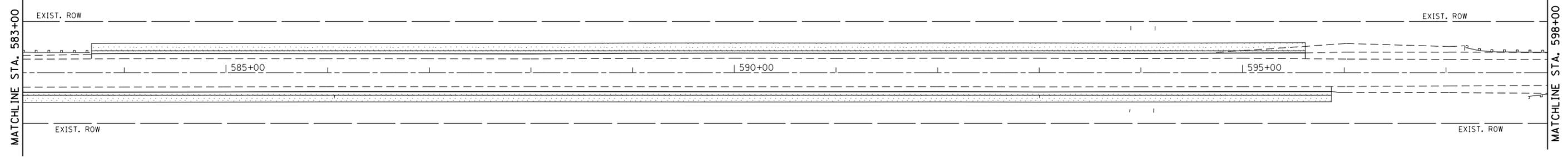


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 SEEDING, CLASS 2A

IL. ROUTE 58 (GOLF RD.)



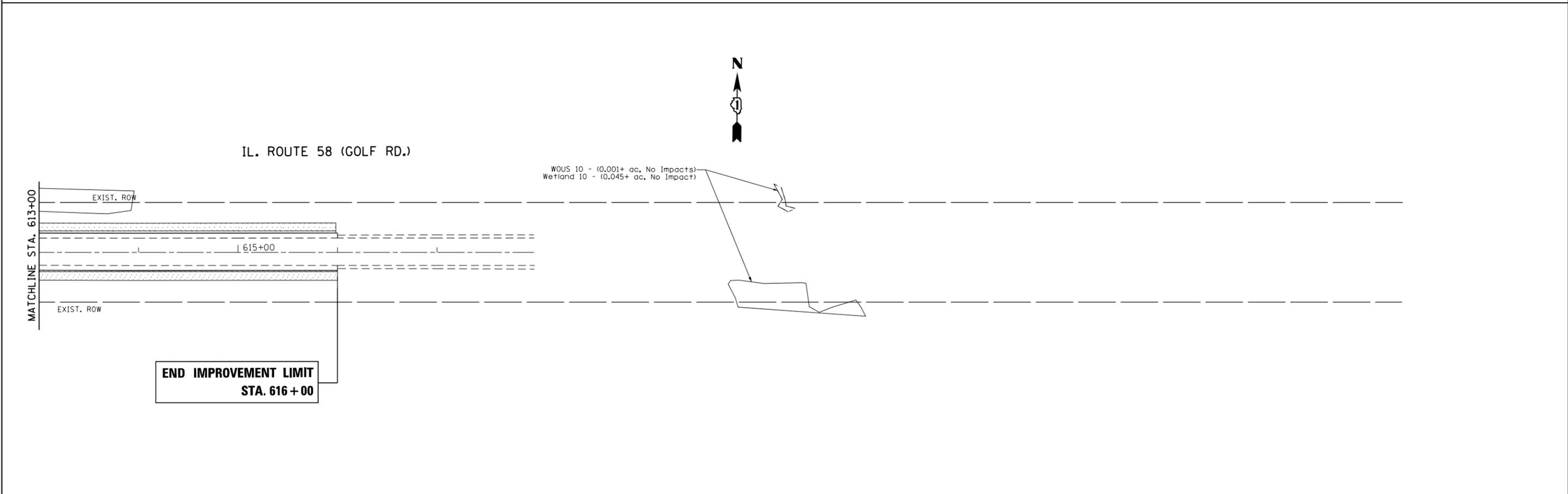
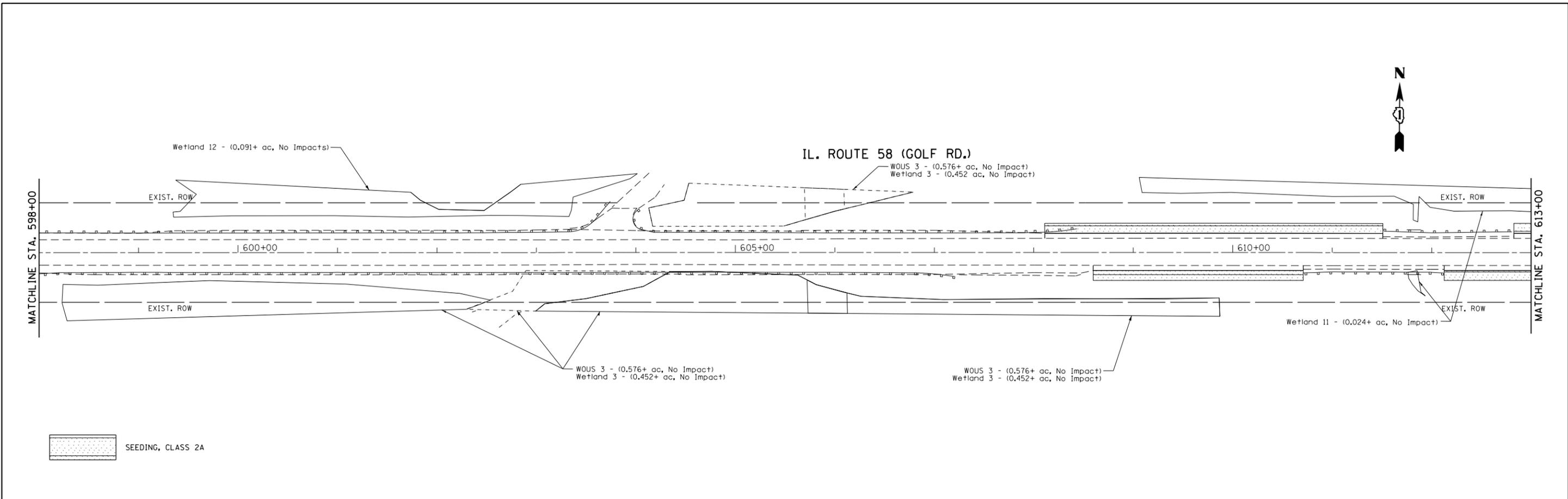
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/8/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LANDSCAPING PLAN
IL ROUTE 58 (GOLF RD) (W/O ROHRSEN RD TO E/O BARRINGTON RD)**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	57
				CONTRACT NO. 60Y24
ILLINOIS FED. AID PROJECT				



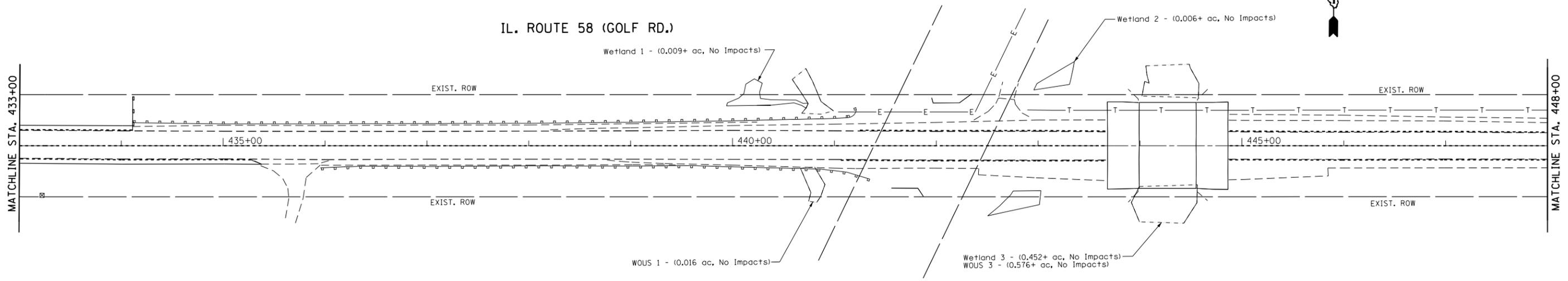
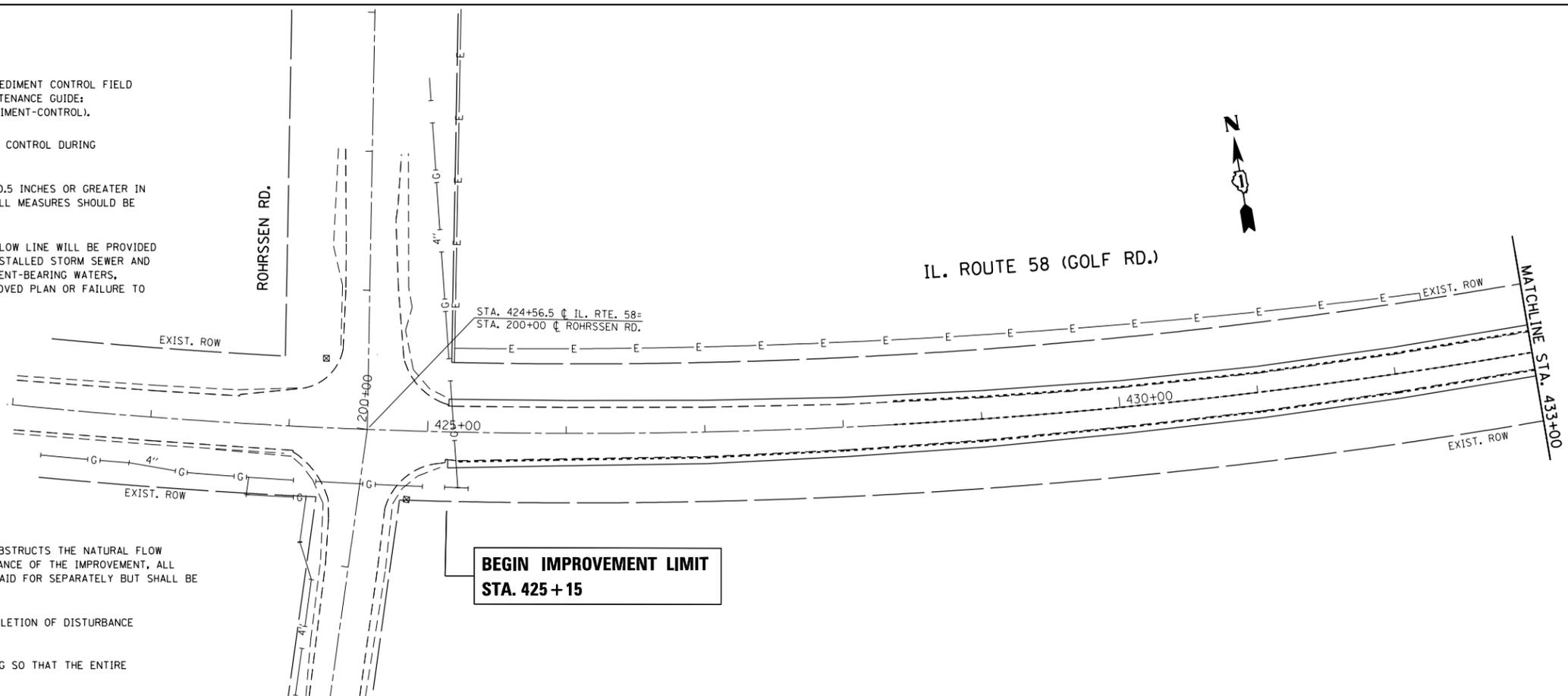
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Default		CHECKED -	REVISED -		SCALE: 1"= 50'				SHEET OF SHEETS		STA. TO STA.		CONTRACT NO. 60Y24	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

ESC NOTES
PLEASE ADD THE FOLLOWING NOTES:

1. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
2. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
4. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

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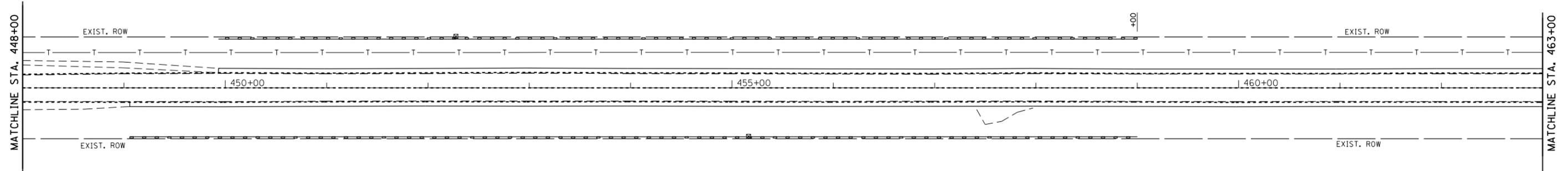


LEGEND

-  PERIMETER EROSION CONTROL BARRIER
-  INLET FILTER

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI13712\Drawings\CADsheets\PI13712-sh2-eros.dgn		CHECKED -	REVISED -			559	581(TS&N)-14	COOK	165	59
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 60Y24			ILLINOIS FED. AID PROJECT	
Default						SCALE: 1" = 50'	SHEET OF SHEETS	STA. TO STA.		

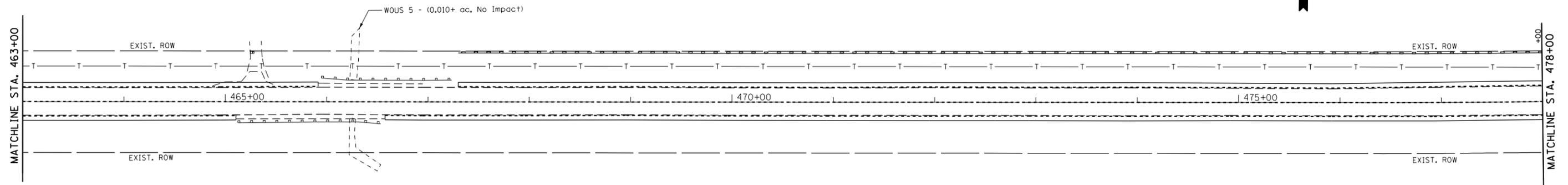
IL. ROUTE 58 (GOLF RD.)



ESC NOTES
PLEASE ADD THE FOLLOWING NOTES:

1. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
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6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
8. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.
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IL. ROUTE 58 (GOLF RD.)

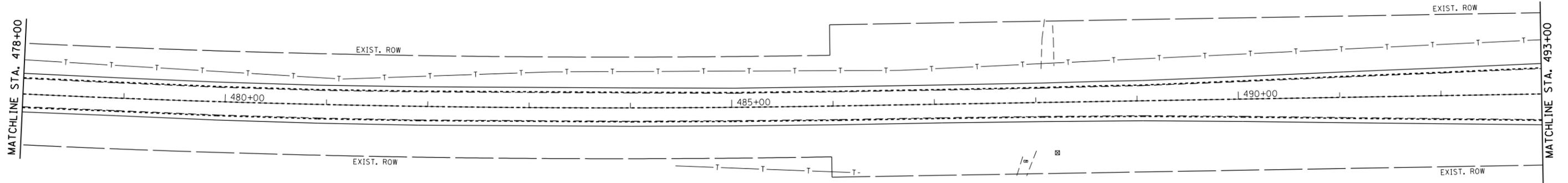
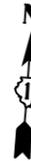


LEGEND

- PERIMETER EROSION CONTROL BARRIER
- INLET FILTER

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						559	581(TS&N)-14	COOK	165	60
						CONTRACT NO. 60Y24				
Default	PLOT DATE = 12/8/2015	DATE -	REVISED -	SCALE: 1"= 50'	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			

IL. ROUTE 58 (GOLF RD.)

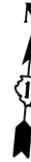
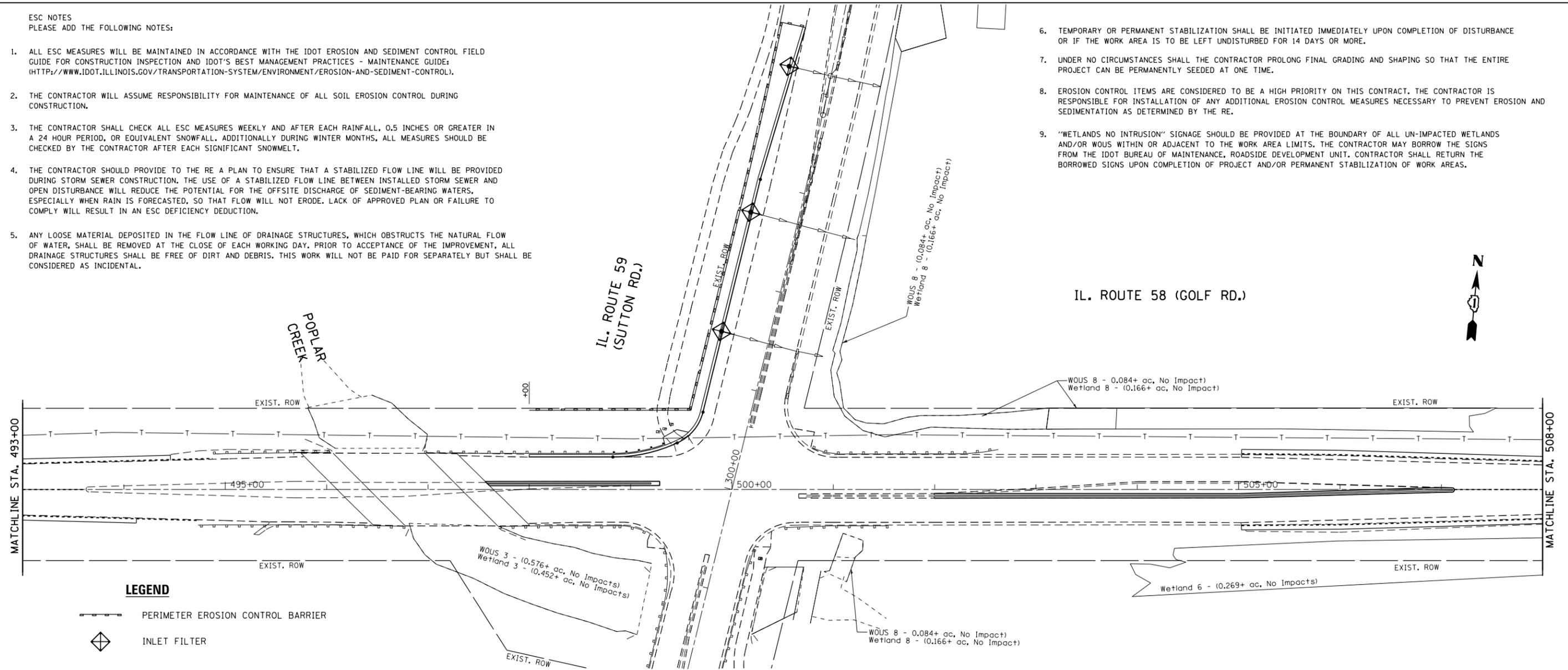


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6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
8. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.
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LEGEND

- PERIMETER EROSION CONTROL BARRIER
- INLET FILTER

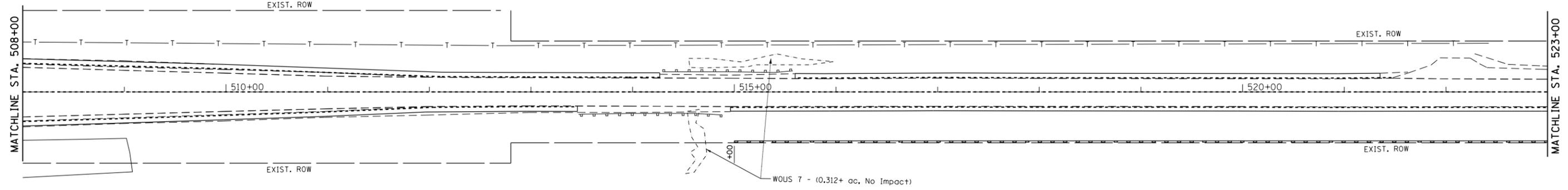
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		DATE -	REVISED -
Default	PLOT DATE = 12/8/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
IL ROUTE 58 (GOLF RD) (EO ROHRSSSEN RD TO W/O BARRINGTON RD)
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	61
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

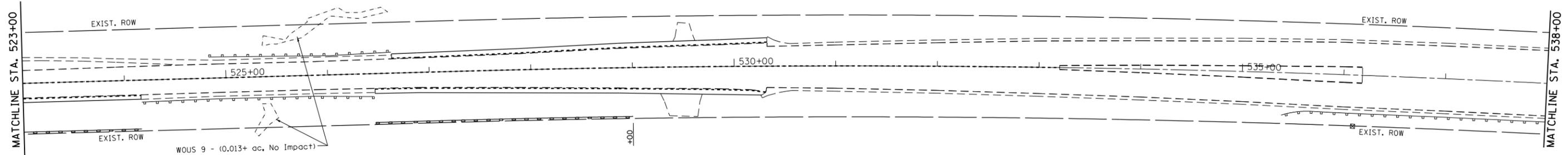
IL. ROUTE 58 (GOLF RD.)



ESC NOTES
PLEASE ADD THE FOLLOWING NOTES:

1. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
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3. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
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6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
8. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.
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IL. ROUTE 58 (GOLF RD.)



LEGEND

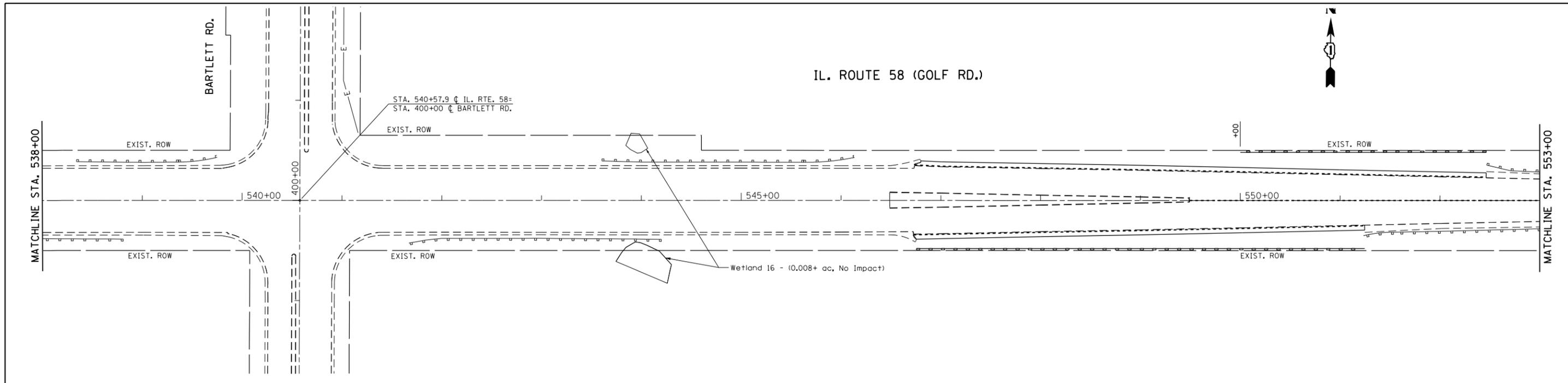
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- INLET FILTER

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Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

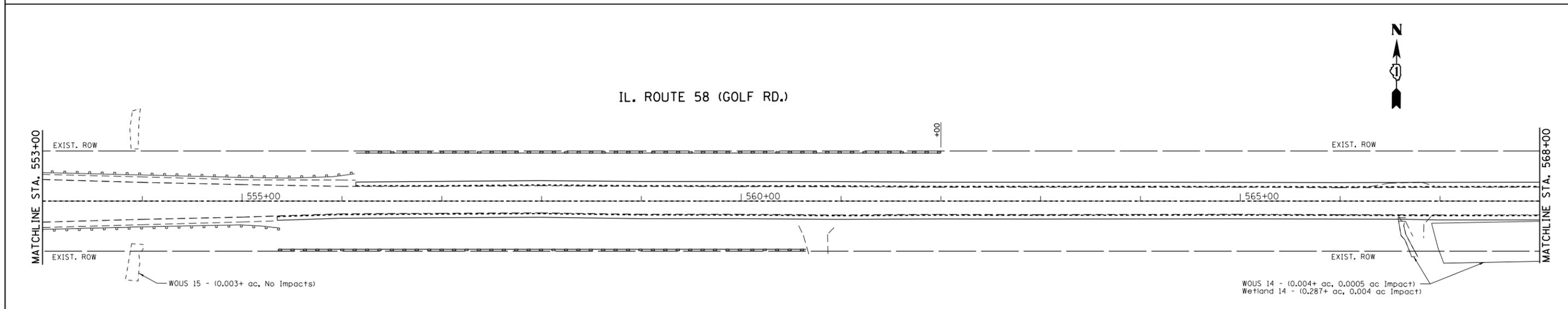
EROSION CONTROL PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	62
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



ESC NOTES
PLEASE ADD THE FOLLOWING NOTES:

1. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
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LEGEND

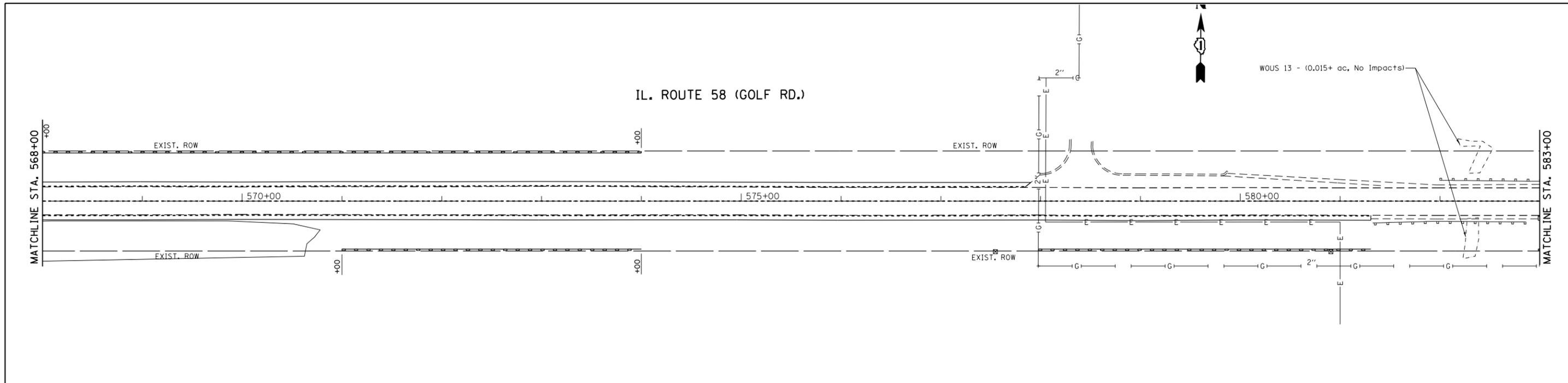
-  PERIMETER EROSION CONTROL BARRIER
-  INLET FILTER

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Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

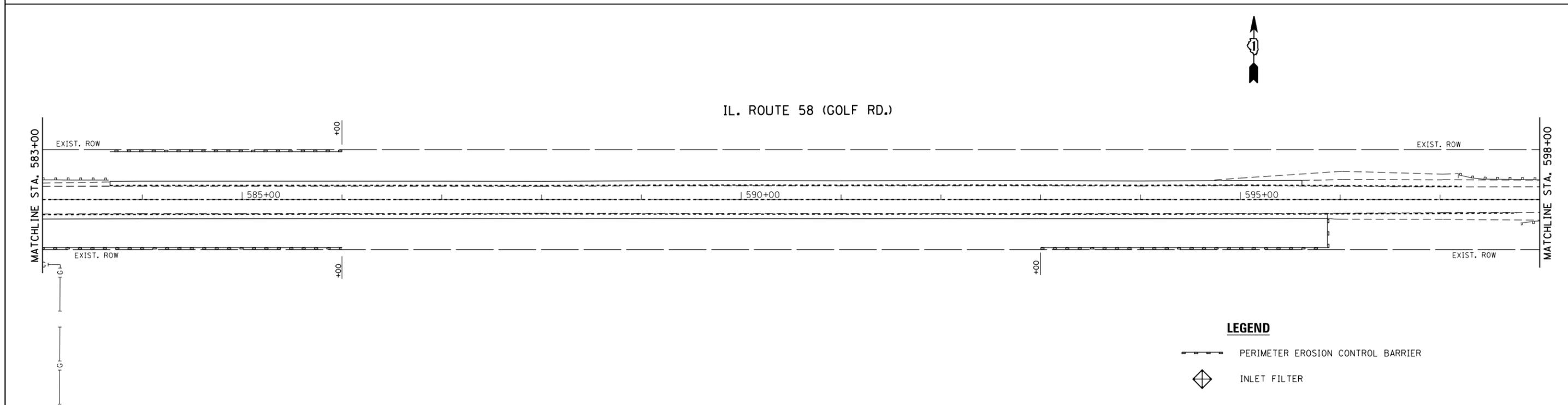
EROSION CONTROL PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSEN RD TO W/O BARRINGTON RD)
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	63
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



ESC NOTES
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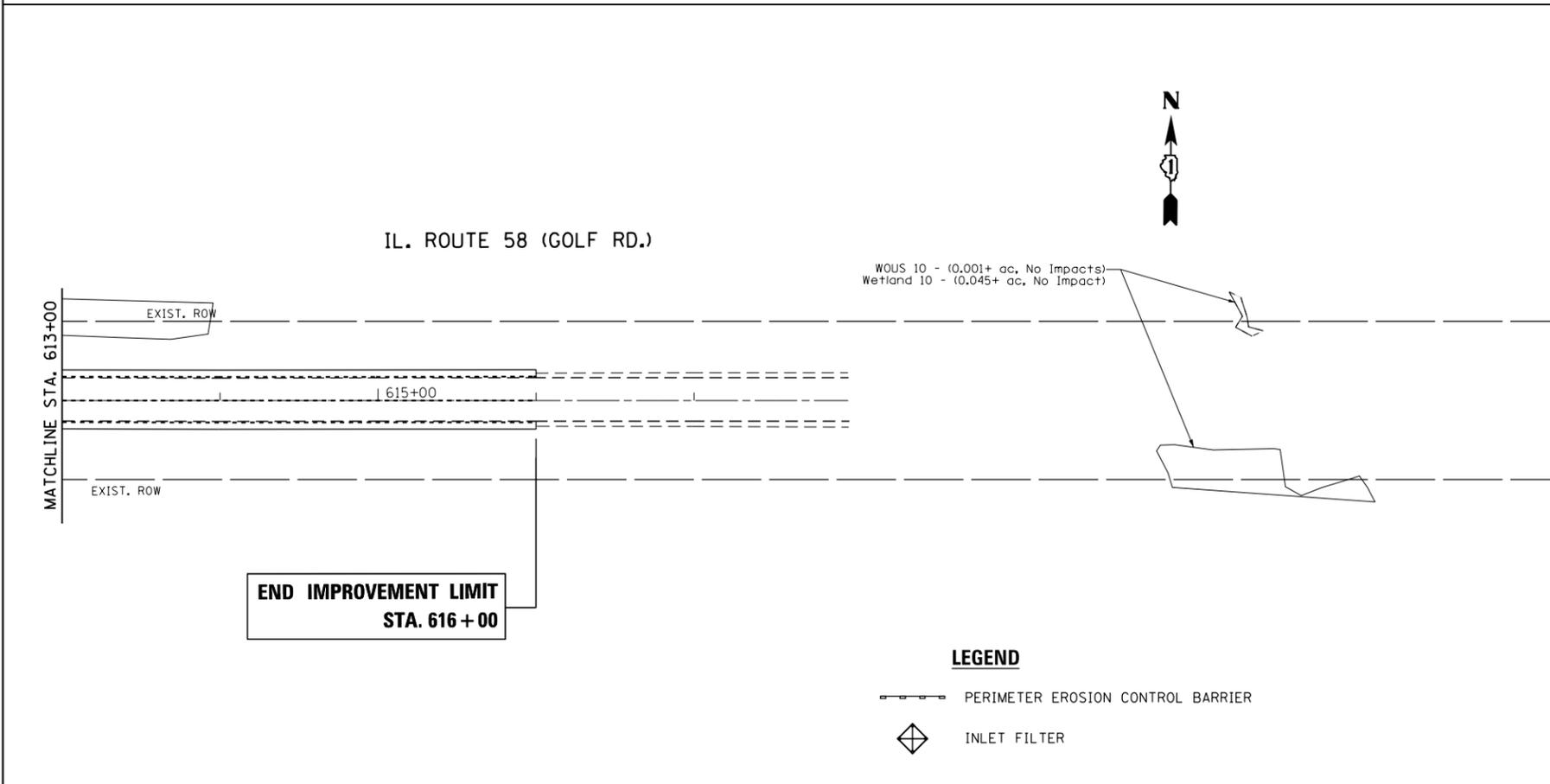
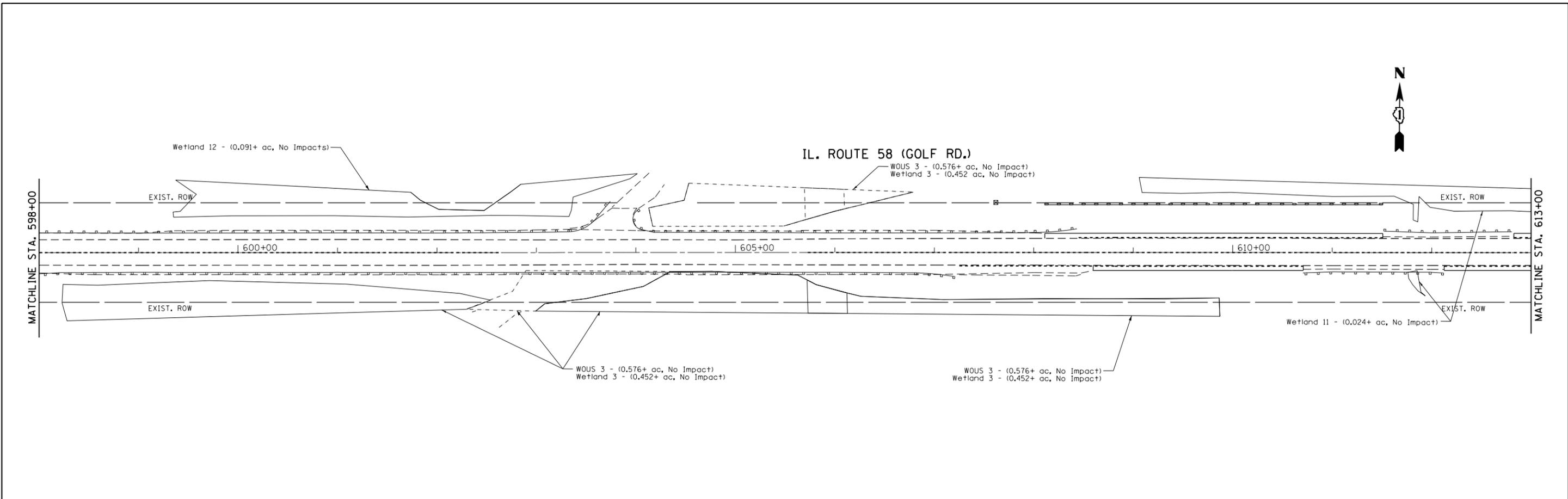
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LEGEND

- PERIMETER EROSION CONTROL BARRIER
- INLET FILTER

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\IDOT Offices\District 1\Projects\P113712\Drawings\CADsheets\P113712-1-eros.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			559	581(TS&N)-14	COOK	165	64
Default	PLOT DATE = 12/8/2015	DATE -	REVISED -			CONTRACT NO. 60Y24			ILLINOIS FED. AID PROJECT	
						SCALE: 1" = 50'	SHEET OF SHEETS	STA. TO STA.		



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LEGEND

- PERIMETER EROSION CONTROL BARRIER
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Default	PLOT DATE = 12/8/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN
IL ROUTE 58 (GOLF RD) (E/O ROHRSSSEN RD TO W/O BARRINGTON RD)
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	65
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

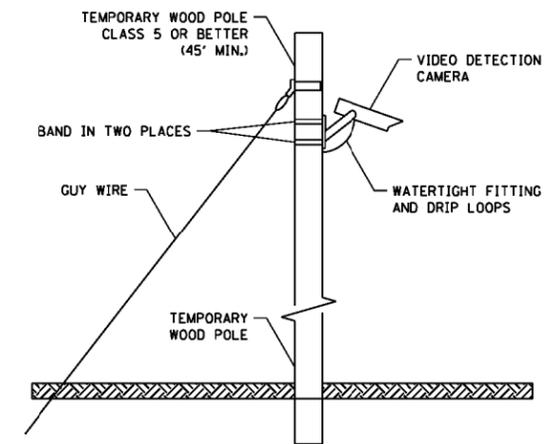
REMOVAL AND RELOCATION NOTES:

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.

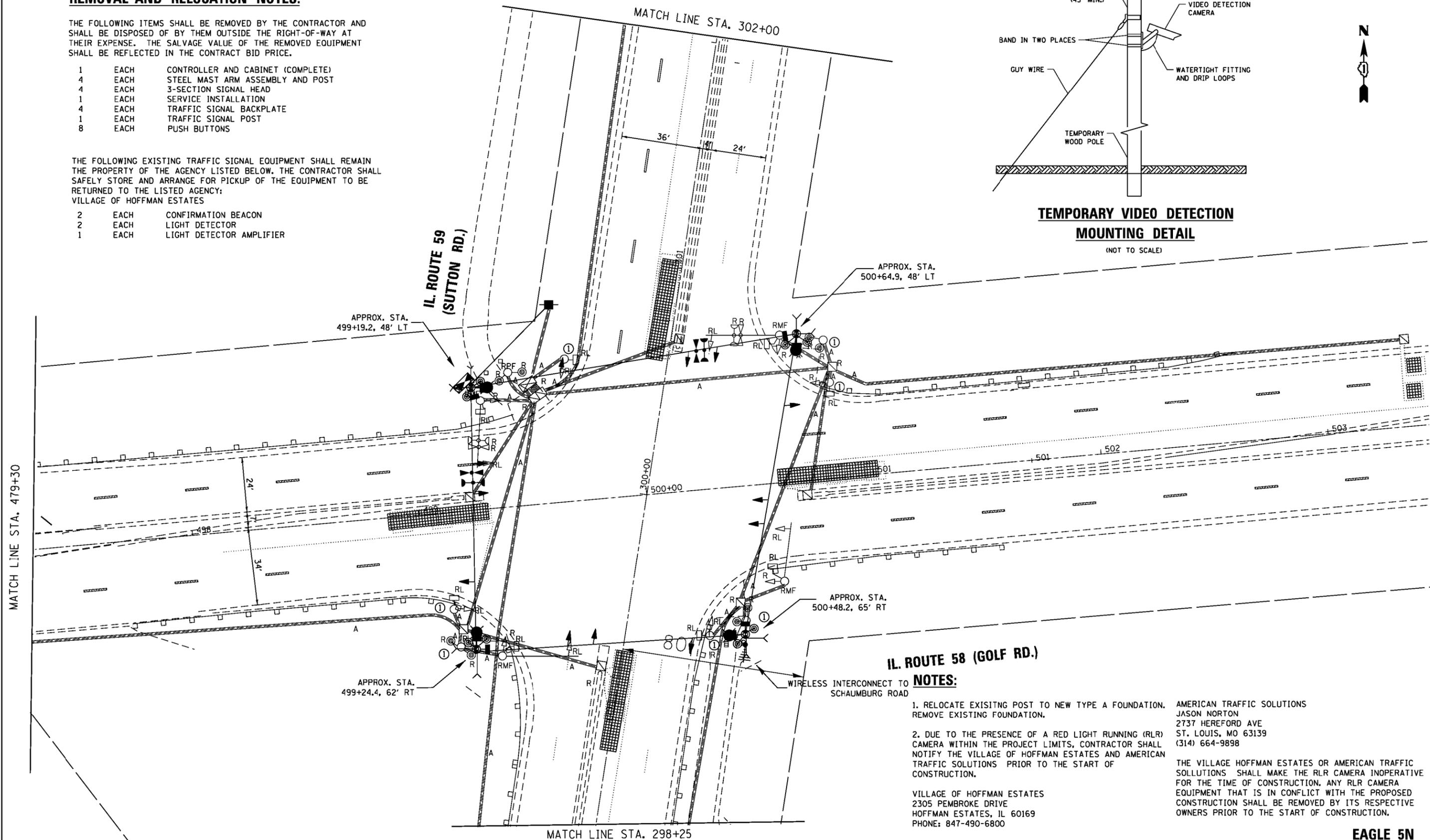
- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 4 EACH STEEL MAST ARM ASSEMBLY AND POST
- 4 EACH 3-SECTION SIGNAL HEAD
- 1 EACH SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL BACKPLATE
- 1 EACH TRAFFIC SIGNAL POST
- 8 EACH PUSH BUTTONS

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICKUP OF THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY:

- 2 EACH CONFIRMATION BEACON
- 2 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER



TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)



IL. ROUTE 58 (GOLF RD.)

NOTES:

1. RELOCATE EXISTING POST TO NEW TYPE A FOUNDATION. REMOVE EXISTING FOUNDATION.
2. DUE TO THE PRESENCE OF A RED LIGHT RUNNING (RLR) CAMERA WITHIN THE PROJECT LIMITS, CONTRACTOR SHALL NOTIFY THE VILLAGE OF HOFFMAN ESTATES AND AMERICAN TRAFFIC SOLUTIONS PRIOR TO THE START OF CONSTRUCTION.

VILLAGE OF HOFFMAN ESTATES
2305 PEMBROKE DRIVE
HOFFMAN ESTATES, IL 60169
PHONE: 847-490-6800

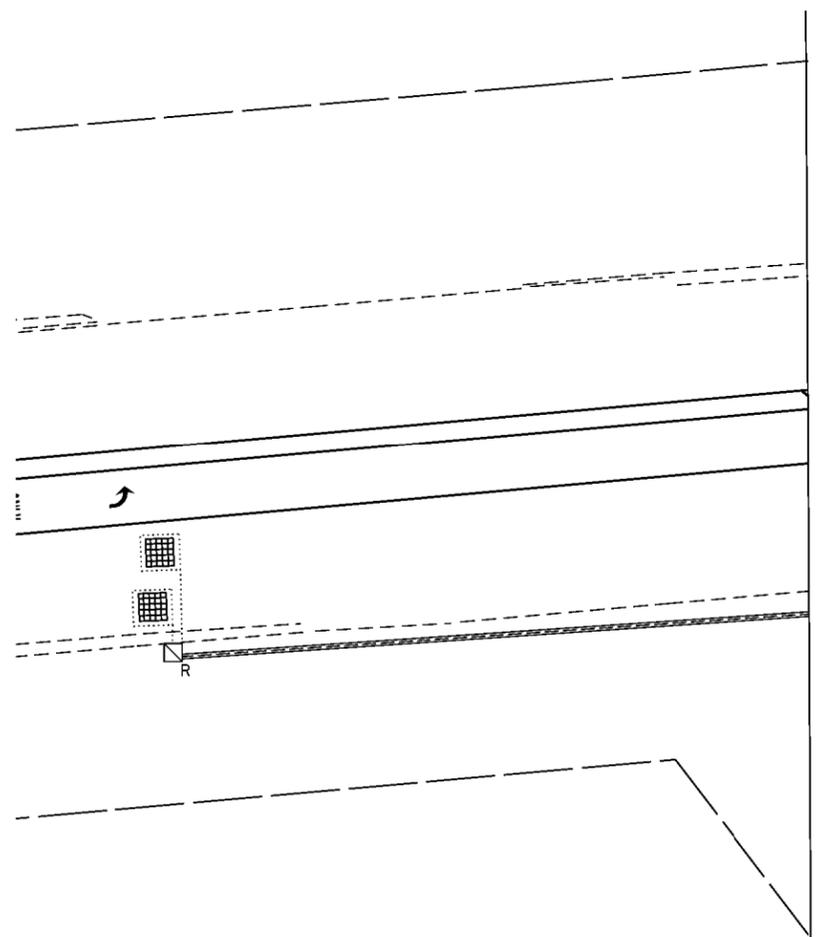
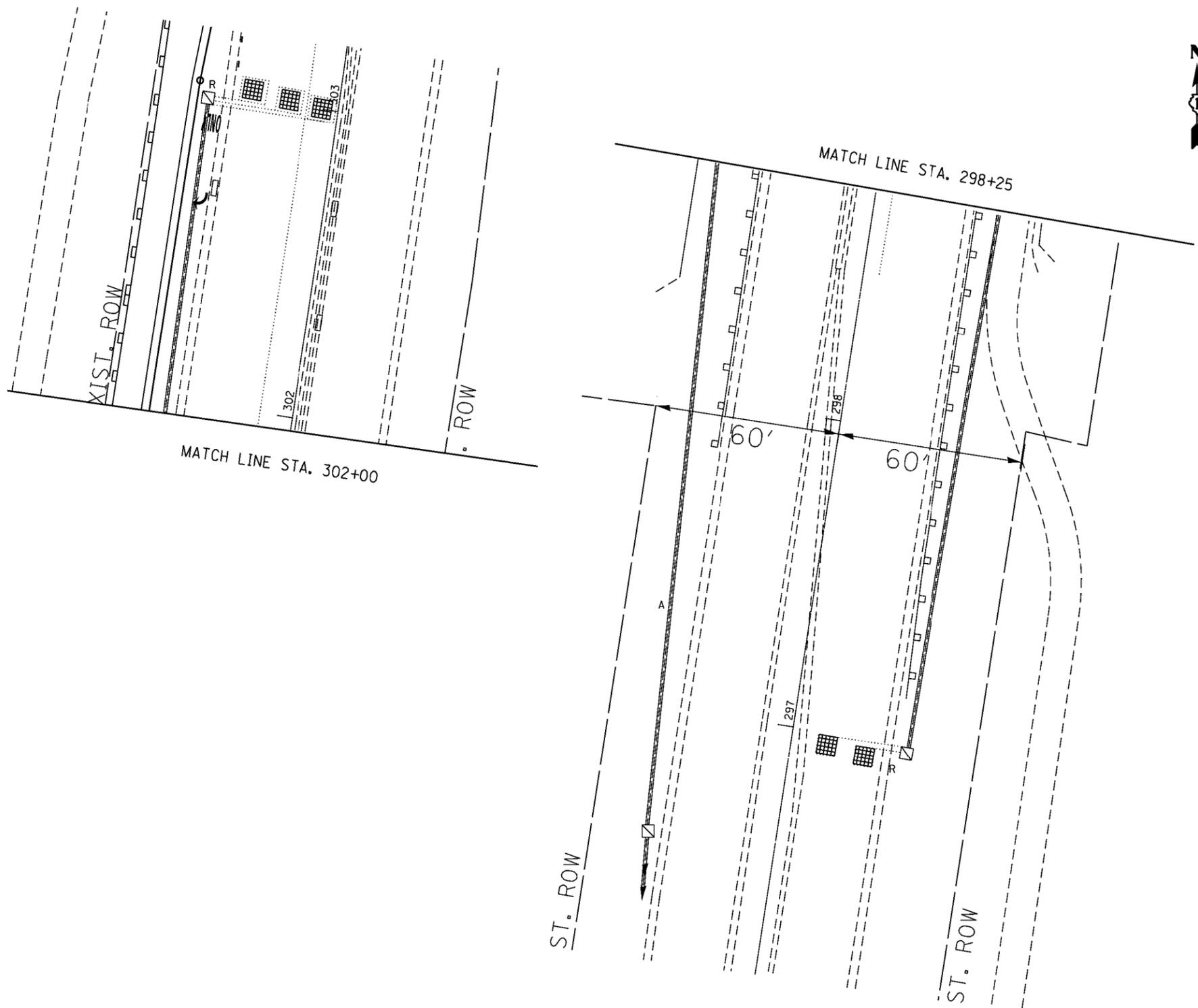
AMERICAN TRAFFIC SOLUTIONS
JASON NORTON
2737 HEREFORD AVE
ST. LOUIS, MO 63139
(314) 664-9898

THE VILLAGE HOFFMAN ESTATES OR AMERICAN TRAFFIC SOLUTIONS SHALL MAKE THE RLR CAMERA INOPERATIVE FOR THE TIME OF CONSTRUCTION. ANY RLR CAMERA EQUIPMENT THAT IS IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY ITS RESPECTIVE OWNERS PRIOR TO THE START OF CONSTRUCTION.

EAGLE 5N
TS 2700

TS SHT NO. 09

FILE NAME =	USER NAME = smthsv	DESIGNED - SS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN SHEET (1 OF 2) IL RTE 59 (SUTTON RD) AND IL RTE 58 (GOLF RD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\ill084EBIDINTEG\illinois.gov\PI001\Documents\IDOT Offices\District 1\Projects\PI1313\Drawings\Traffic\5913712-sht-ts.dgn	PLotted by Traffic	CHECKED - JC	REVISED -			559	581 (TS&N)-14	COOK	165	66
Default	PLotted DATE = 12/8/2015	DATE - 10/21/2015	REVISED -			CONTRACT NO. 60Y24			ILLINOIS FED. AID PROJECT	
						SCALE:	SHEET	OF	SHEETS	STA.



TS SHT NO. 10

EAGLE 5N
TS 2700

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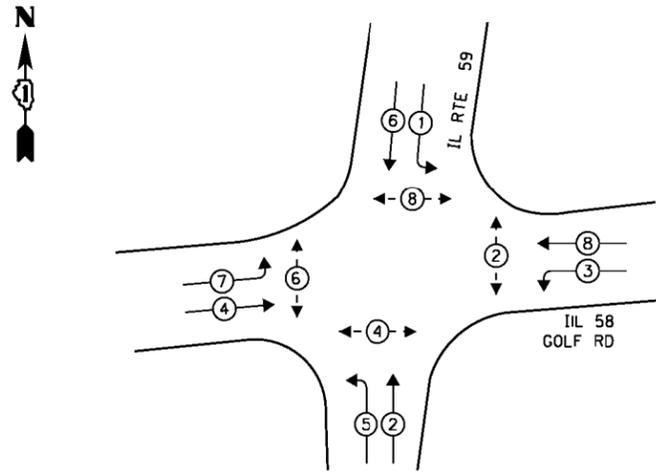
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
SHEET (2 OF 2)
IL RTE 59 (SUTTON RD) AND IL RTE 58 (GOLF RD)

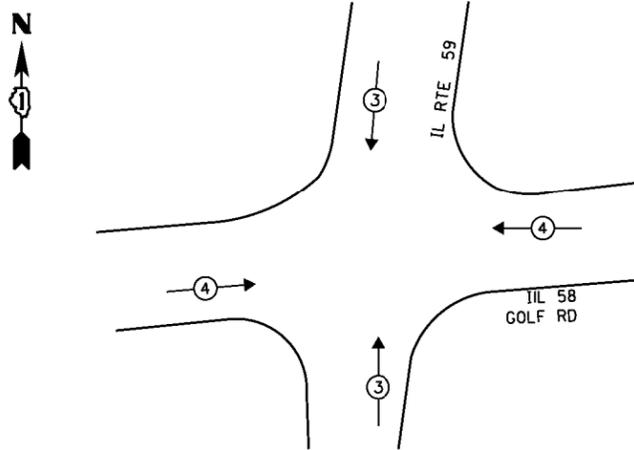
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581 (TS&N)-14	COOK	165	67
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

TEMPORARY CONTROLLER SEQUENCE

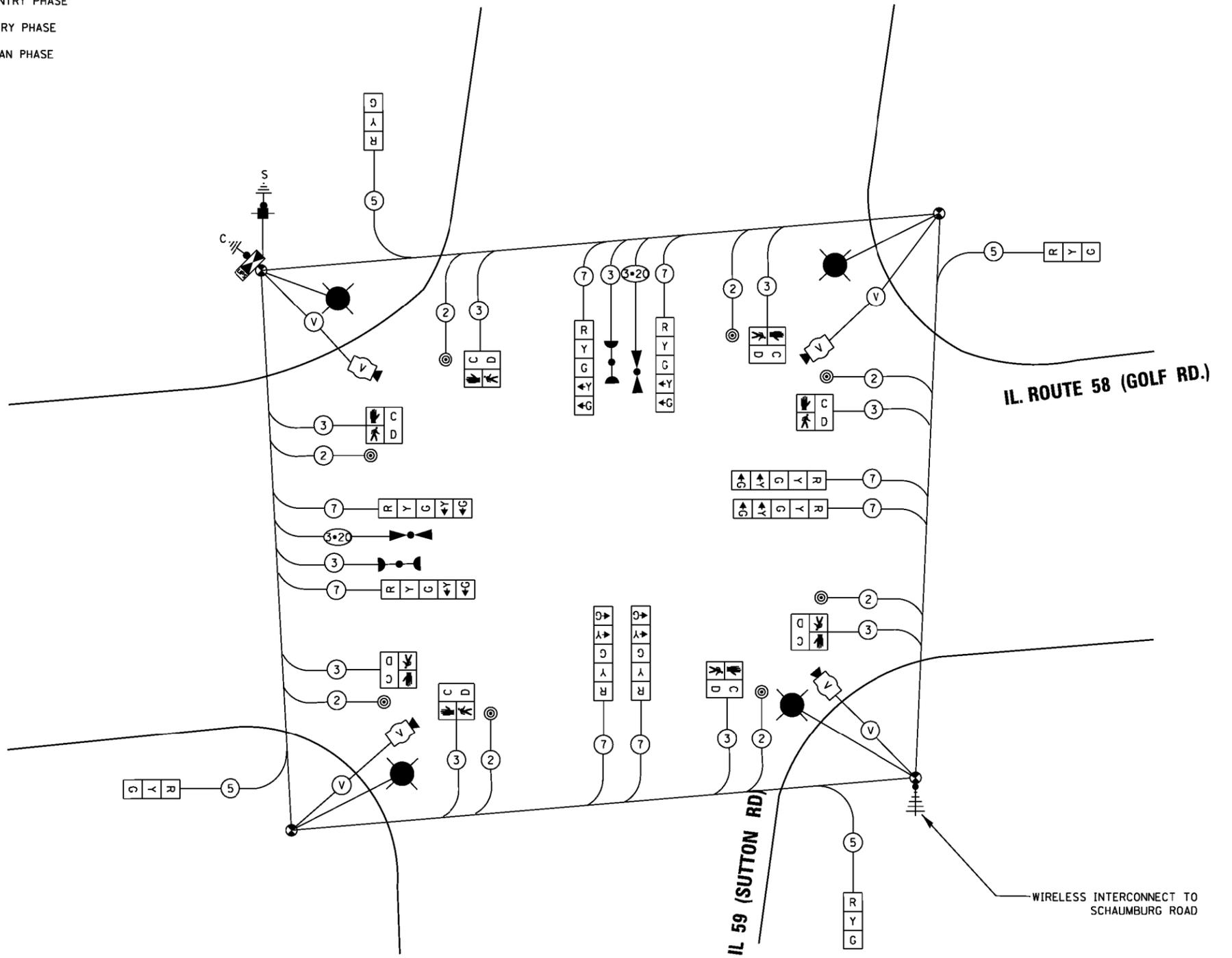


TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ◻ SINGLE ENTRY PHASE
- ◉ DUAL ENTRY PHASE
- ◉ PEDESTRIAN PHASE
- ◊ OL OVERLAP



TEMPORARY CABLE PLAN

(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66
(YELLOW)	12	20	5	12
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
			TOTAL =	593.8

ENERGY COSTS TO:

VILLAGE OF HOFFMAN ESTATES
1900 HASSELL RD
HOFFMAN ESTATES, IL 60169

ENERGY SUPPLY: CONTACT: DAVE SCHACHT
PHONE: (630) 437-2129
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

TS SHT NO. 11

FILE NAME =	USER NAME = <u>ams thsv</u>	DESIGNED - <u>SS</u>	REVISED -
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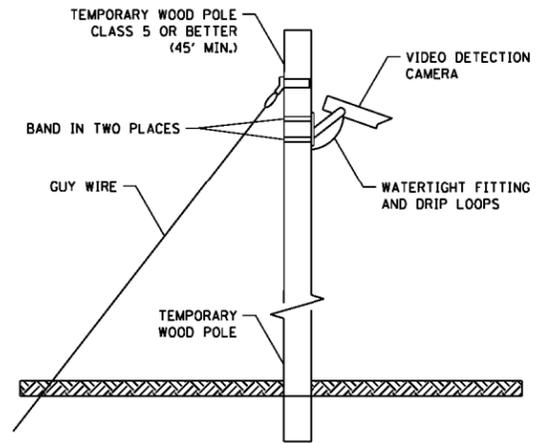
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL RTE 59 (SUTTON RD) AND IL 58 (GOLF RD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581 (TS&N)-14	COOK	165	68
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

**EAGLE 5N
TS 2700**



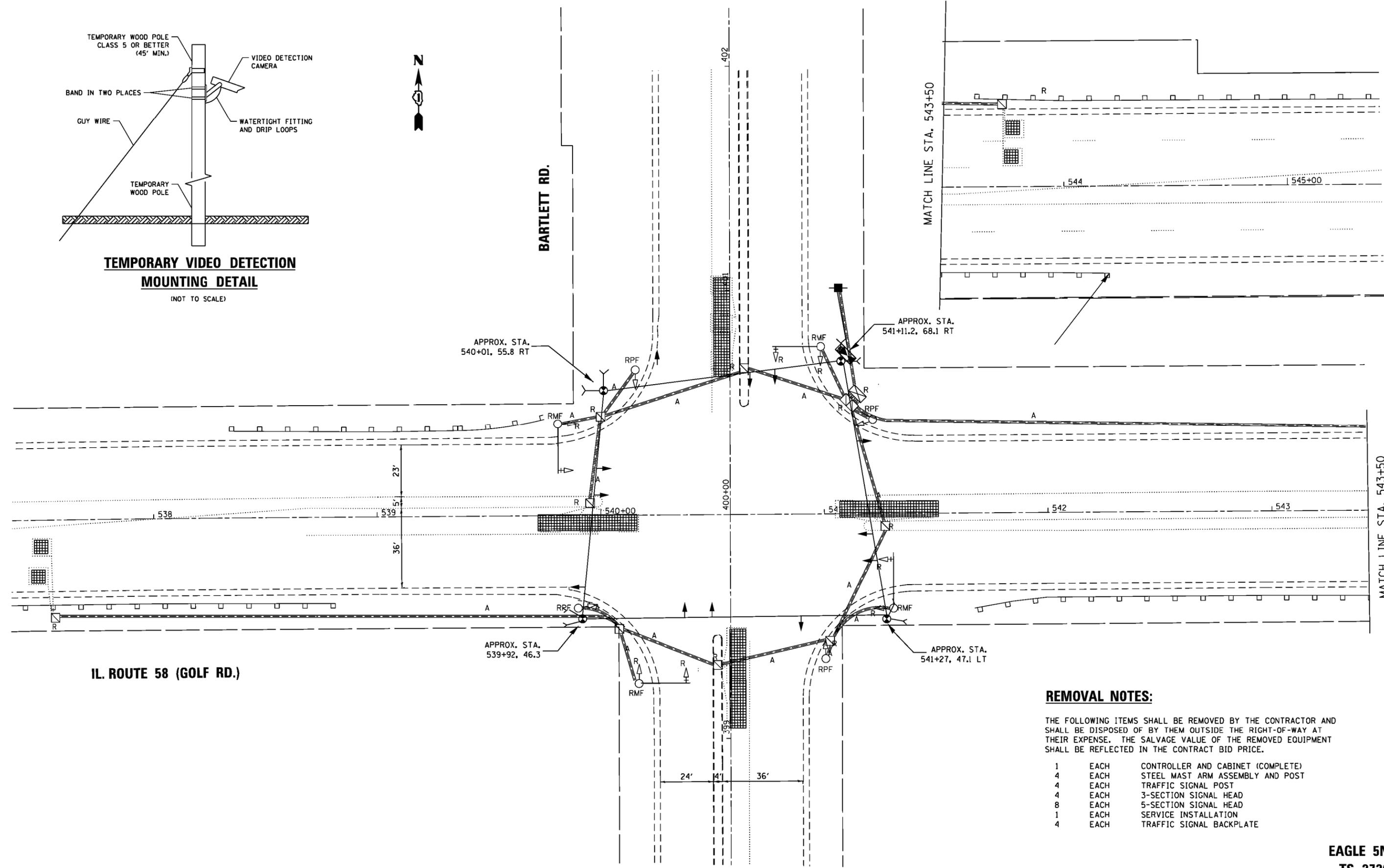
TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)



BARTLETT RD.

MATCH LINE STA. 543+50

MATCH LINE STA. 543+50



IL. ROUTE 58 (GOLF RD.)

REMOVAL 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.

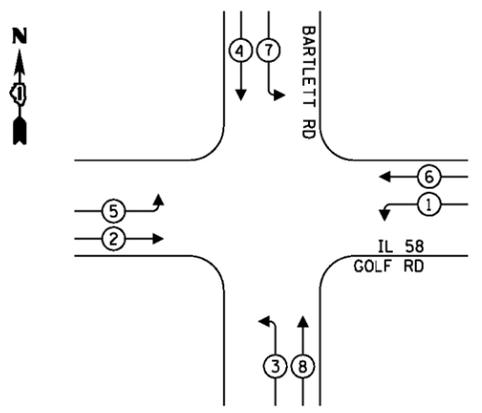
- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 4 EACH STEEL MAST ARM ASSEMBLY AND POST
- 4 EACH TRAFFIC SIGNAL POST
- 4 EACH 3-SECTION SIGNAL HEAD
- 8 EACH 5-SECTION SIGNAL HEAD
- 1 EACH SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL BACKPLATE

TS SHT NO. 12

**EAGLE 5N
TS 2730**

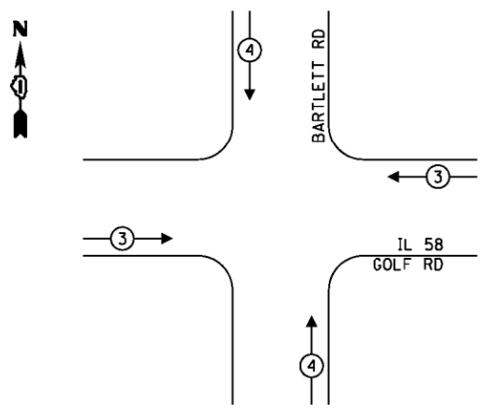
FILE NAME =	USER NAME = smthsv	DESIGNED - SS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN IL RTE 58 (GOLF RD) AND BARTLETT RD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\ill084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI1313\Bartlett\Traffic\5813712-sht-ts.dgn	13/13/2015	CHECKED - JC	REVISED -			559	581 (TS&N)-14	COOK	165	69	
PLOT SCALE = 48.0000' / in.	DATE - 10/21/2015					CONTRACT NO. 60Y24					
PLOT DATE = 12/8/2015						ILLINOIS FED. AID PROJECT					

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
 - ← ⊙ ⊙ → PEDESTRIAN PHASE
 - ← ⊙ ⊙ → OVERLAP

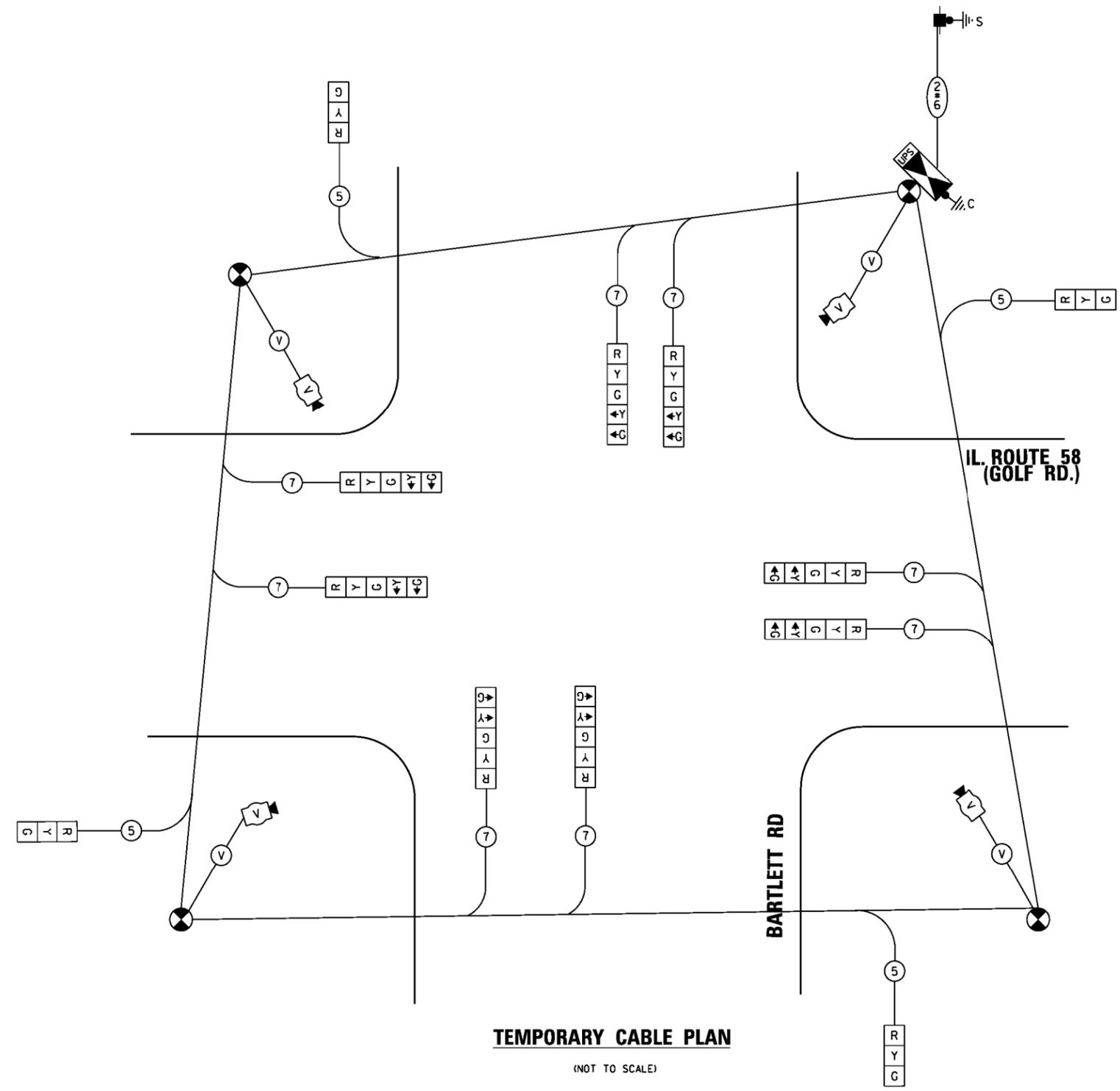
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		TOTAL WATTAGE
		LED	% OPERATION	
SIGNAL (RED)	12	11	50	66
(YELLOW)	12	20	5	12
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	-	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
			TOTAL =	283.8

ENERGY COSTS TO:
 VILLAGE OF HOFFMAN ESTATES
 1900 HASSELL RD
 HOFFMAN ESTATES, IL 60169
 ENERGY SUPPLY: CONTACT: DAVE SCHACHT
 PHONE: (630) 437-2129
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: ---



TEMPORARY CABLE PLAN

(NOT TO SCALE)

TS SHT NO. 13

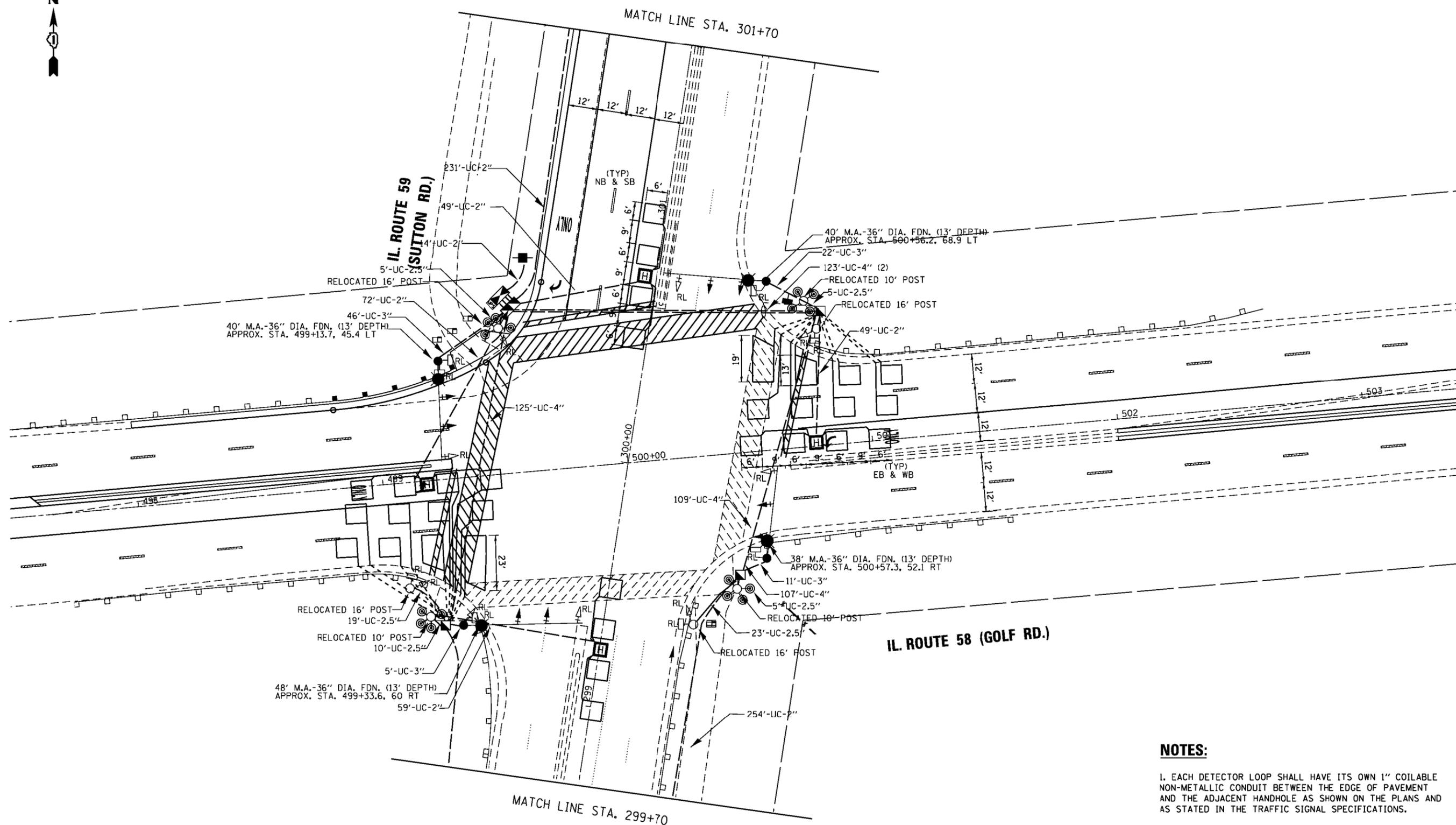
FILE NAME =	USER NAME = smsthu	DESIGNED - SS	REVISED -
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Default	PLOT SCALE = 48.0000 / in.	DATE - 10/21/2015	REVISED -
	PLOT DATE = 12/8/2015		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
 AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
 IL 58 (GOLF RD) AND BARTLETT RD**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581 (TS&N)-14	COOK	165	70
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

**EAGLE 5N
 TS 2730**

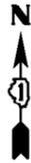


NOTES:
 1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

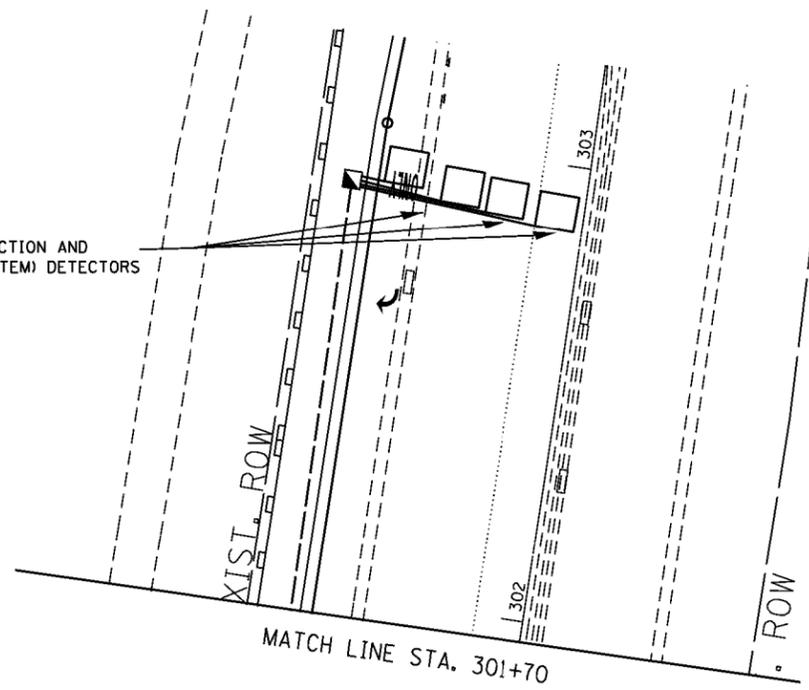
**EAGLE 5N
 TS 2700**

TS SHT NO. 14

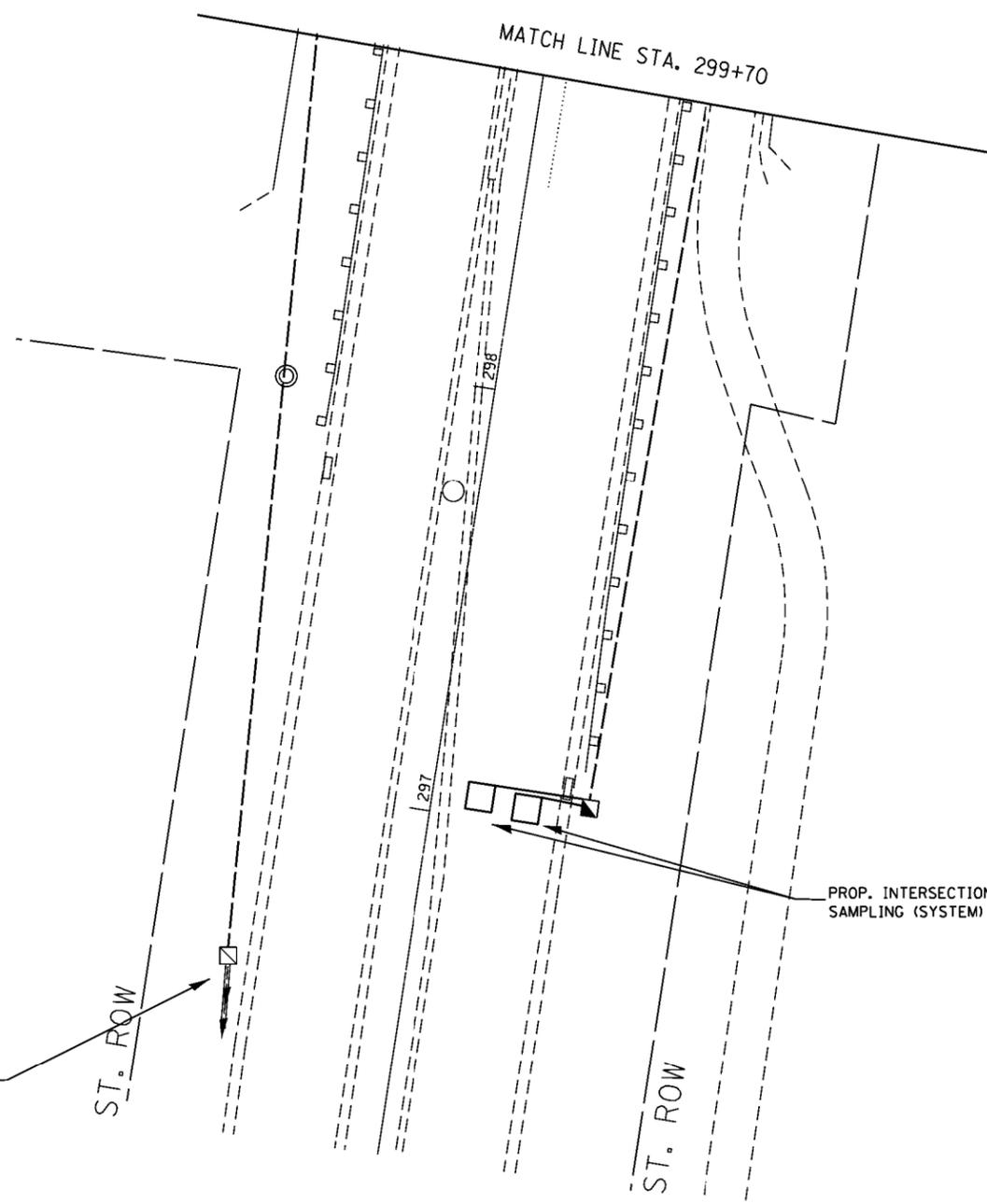
FILE NAME = p:\il\084EBID\INTEG\illinois.gov\PI\DOT\Documents\IDOT Offices\District 1\Projects\PI1313\Drawings\Traffic\5813712-sht-ts.dgn	USER NAME = smthsv	DESIGNED - SS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLANS SHEET (1 OF 2) IL RTE 59 (SUTTON RD) AND IL RTE 58 (GOLF RD)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - JC	REVISED -		559	581 (TS&N)-14	COOK	165	71				
Default	PLOT DATE = 12/8/2015	DATE - 10/21/2015	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 60Y24 ILLINOIS FED. AID PROJECT		



PROP. INTERSECTION AND SAMPLING (SYSTEM) DETECTORS



MATCH LINE STA. 299+70



PROP. INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

PROP. INTERCONNECT TO SCHAMBURG RD.

ST. ROW

ST. ROW

TS SHT NO. 15

EAGLE 5N
TS 2700

FILE NAME =	USER NAME = smthsv	DESIGNED - SS	REVISED -
p:\il\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI1313\Drawings\Traffic\513712-sht-ts.dgn		DRAWN BY =	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - JC	REVISED -
	PLOT DATE = 12/8/2015	DATE - 10/21/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLANS
SHEET (2 OF 2)
IL RTE 59 (SUTTON RD) AND IL RTE 58 (GOLF RD)

SCALE: SHEET OF SHEETS STA. TO STA.

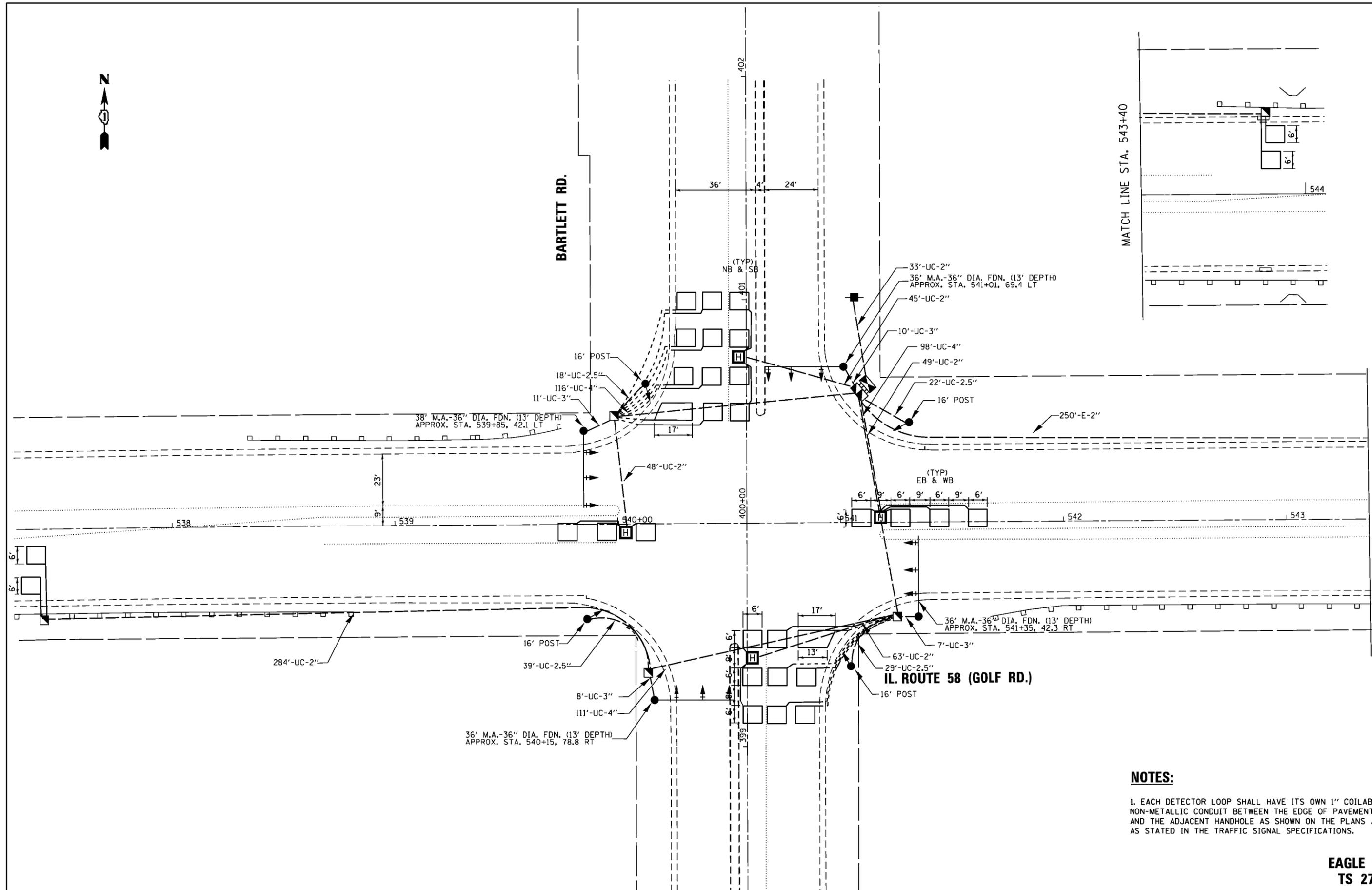
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581 (TS&N)-14	COOK	165	72
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



BARTLETT RD.

MATCH LINE STA. 543+40

MATCH LINE STA. 543+40



NOTES:

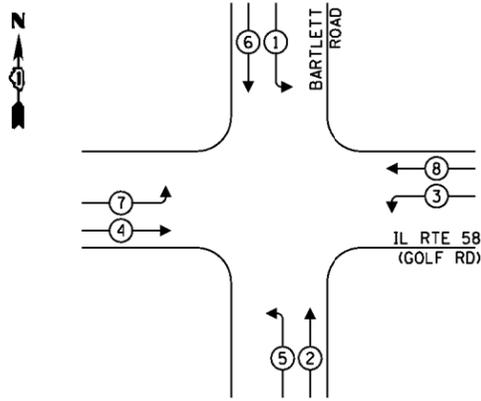
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

**EAGLE 5N
TS 2700**

TS SHT NO. 18

FILE NAME =	USER NAME = smthsv	DESIGNED - SS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL RTE 58 (GOLF RD) AND BARTLETT RD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\j\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI1313\Drawings\Traffic\5813712-sht-ts.dgn	PLOT SCALE = 40.0000' / 1" =	CHECKED - JC	REVISED -			559	581 (TS&N)-14	COOK	165	75	
Default	PLOT DATE = 12/8/2015	DATE - 10/21/2015	REVISED -			CONTRACT NO. 60Y24					
						SCALE:	SHEET	OF	SHEETS	STA.	TO

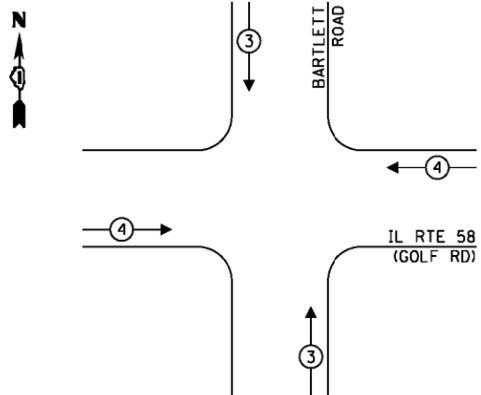
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← ⊛ ← PROTECTED PHASE
- ← ⊛ - PROTECTED/PERMITTED PHASE
- ← ⊛ → PEDESTRIAN PHASE
- ← ⊛ OL OVERLAP

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



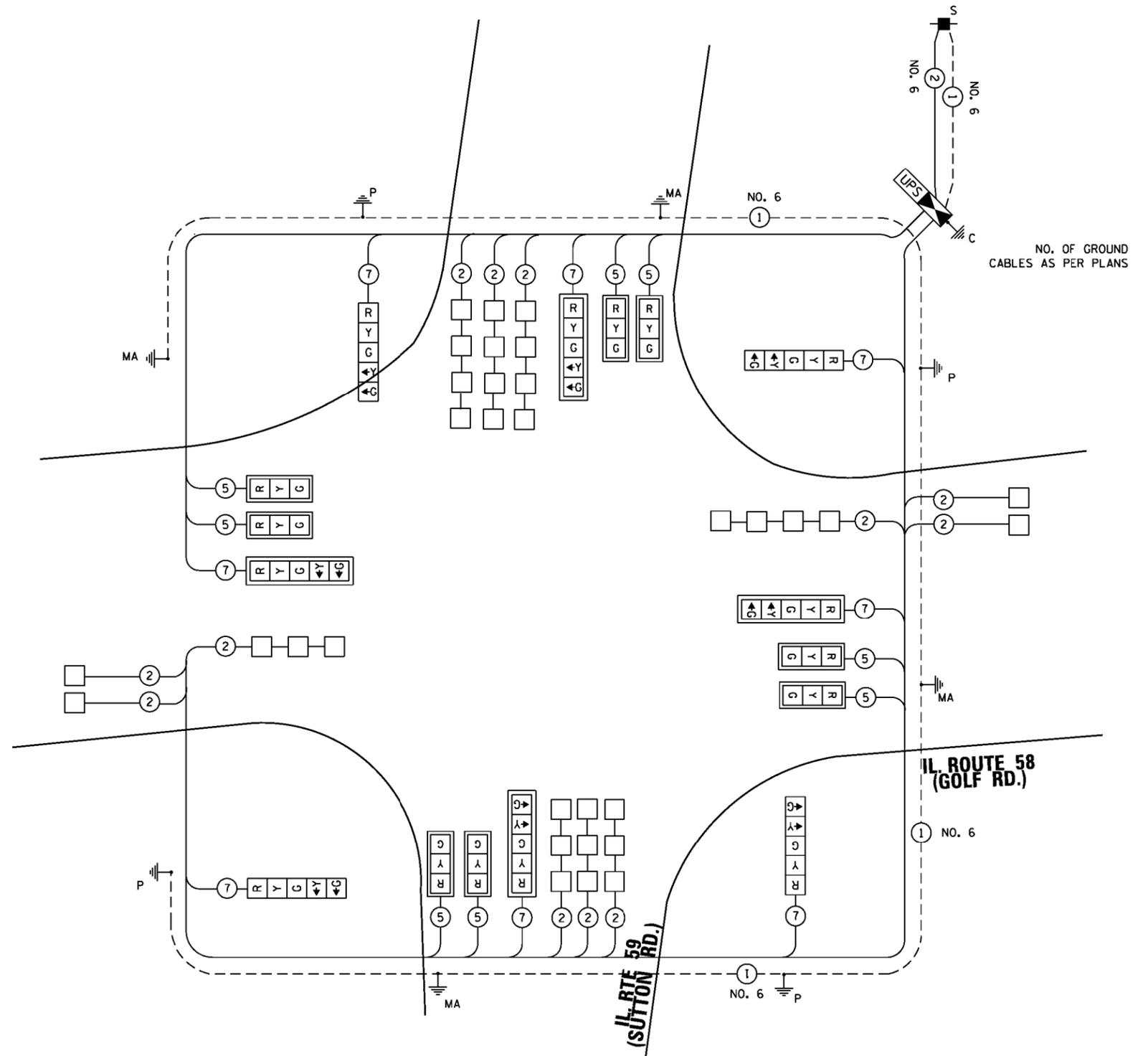
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		TOTAL WATTAGE
		LED	% OPERATION	
SIGNAL (RED)	12	11	50	66
(YELLOW)	12	20	5	12
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	15
PED. SIGNAL	-	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
			TOTAL =	282.8

ENERGY COSTS TO:

VILLAGE OF BARTLETT
228 S MAIN ST
BARTLETT, IL 60103

ENERGY SUPPLY: CONTACT: DAVE SCHACHT
PHONE: (630) 437-2129
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



PROPOSED CABLE PLAN

(NOT TO SCALE)

TS SHT NO. 19

FILE NAME =	USER NAME = smsthu	DESIGNED - SS	REVISED -
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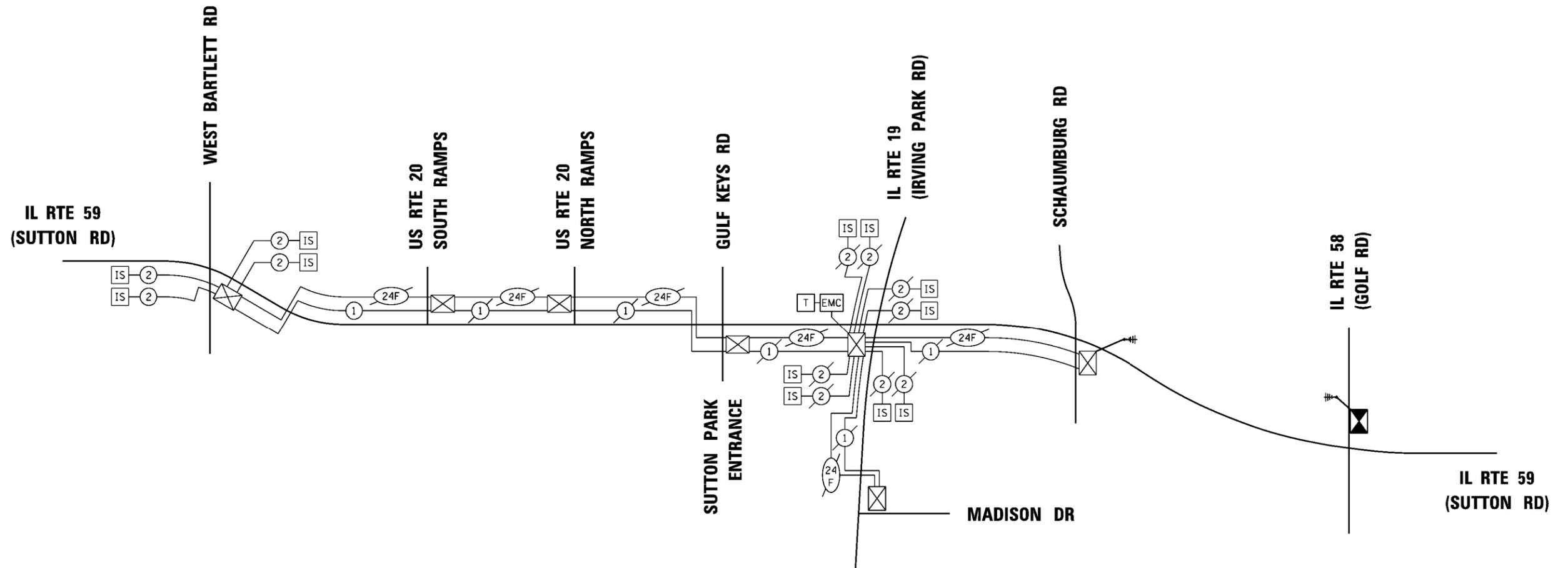
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL 58 (GOLF RD) AND BARTLETT RD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581 (TS&N)-14	COOK	165	76
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

EAGLE 5N
TS 2700



FILE NAME =	USER NAME = smsths	DESIGNED - SS	REVISED -
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	PLOT DATE = 12/8/2015	DATE - 10/21/2015	REVISED -

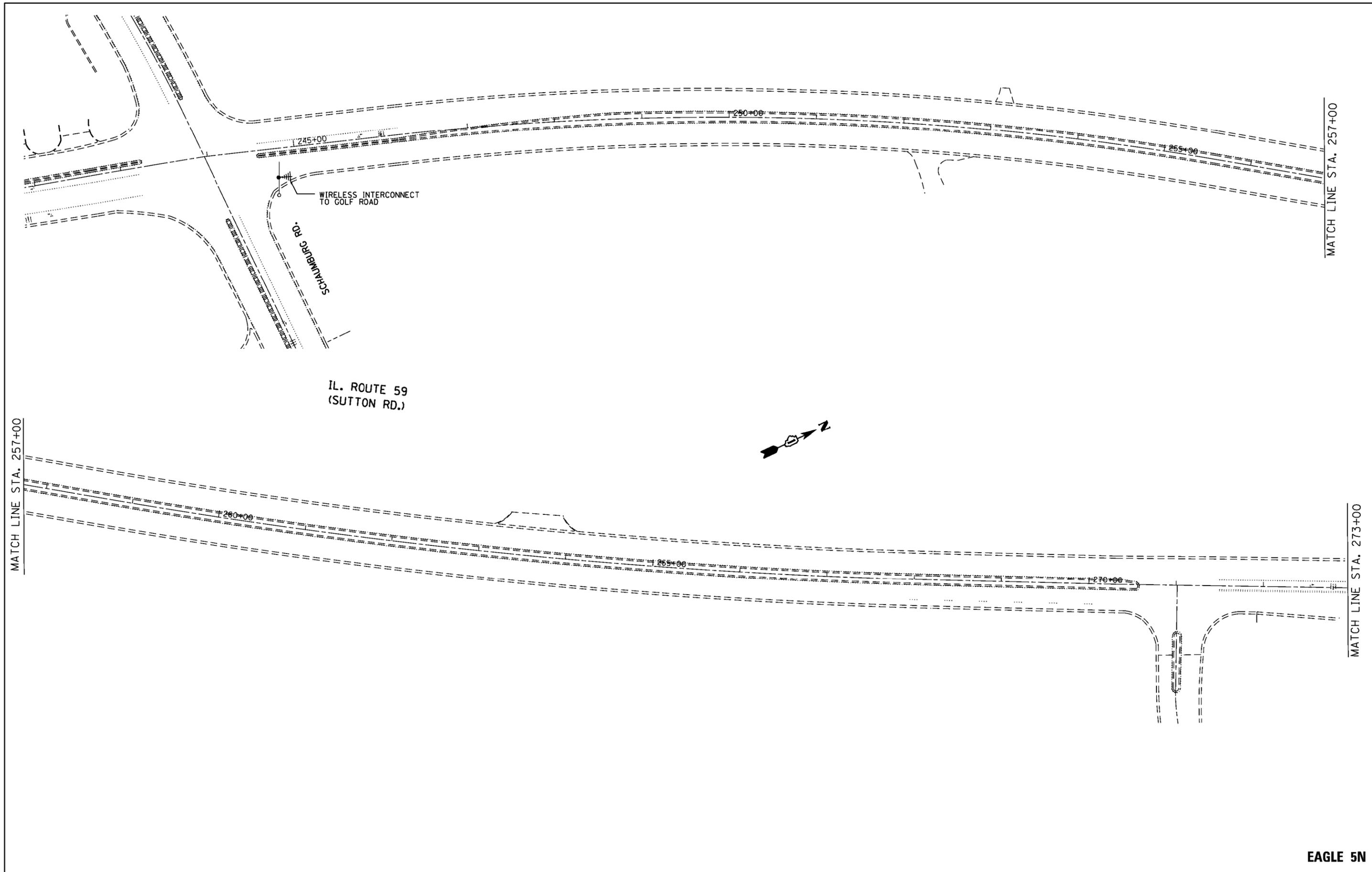
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT
IL RTE 59 (SUTTON RD)-
WEST BARTLETT RD TO IL RTE 58 (GOLF RD)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581 (TS&N)-14	COOK	165	78
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

TS SHT NO. 22



FILE NAME =	USER NAME = smsthu	DESIGNED - SS	REVISED -
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED - JC	REVISED -
	PLOT DATE = 12/8/2015	DATE - 10/21/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

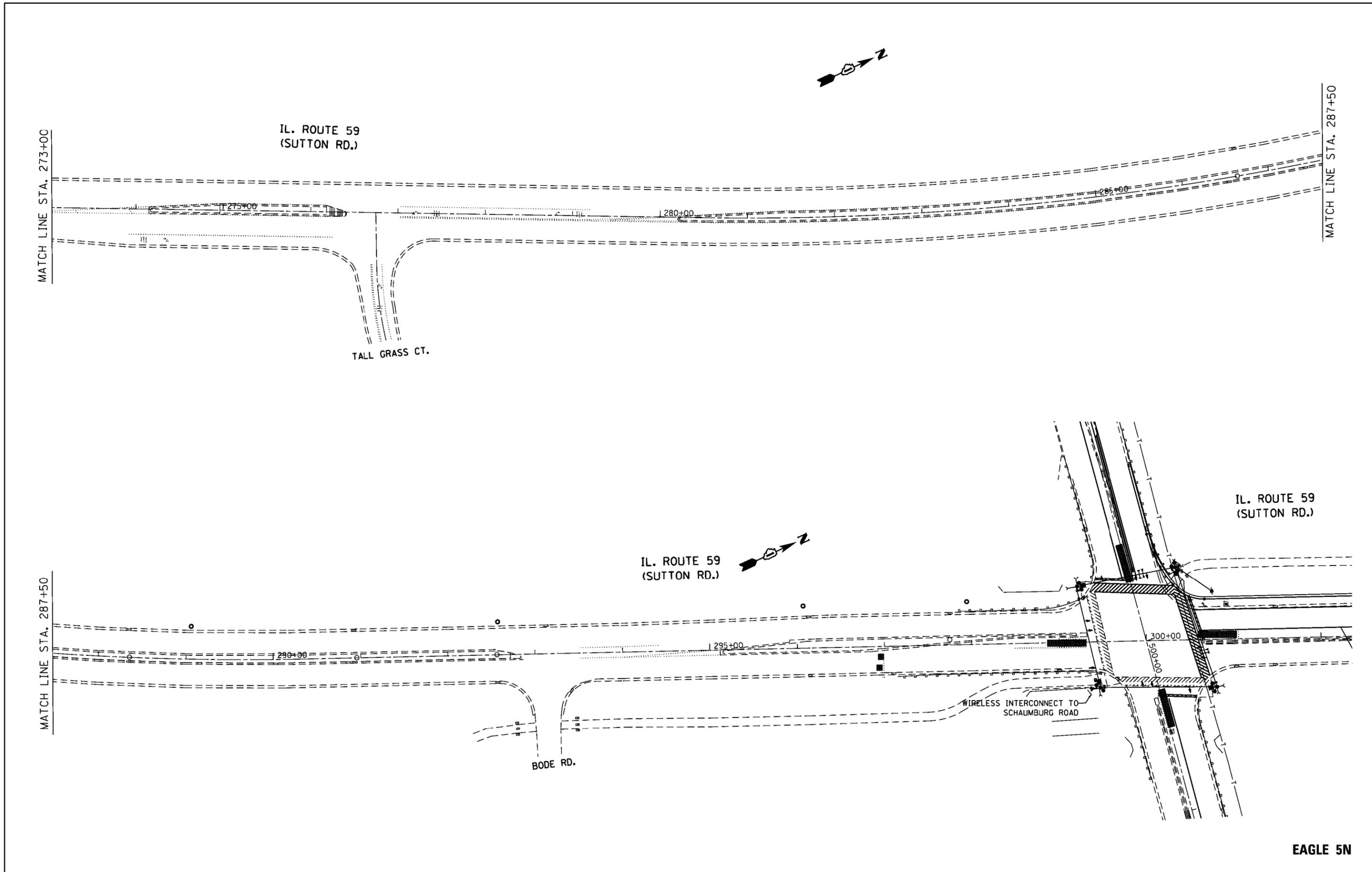
**TEMPORARY INTERCONNECT
IL RTE 59 (SUTTON RD)-
WEST BARTLETT RD TO IL RTE 58 (GOLF RD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581 (TS&N)-14	COOK	165	79
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

EAGLE 5N

TS SHT NO. 23



EAGLE 5N

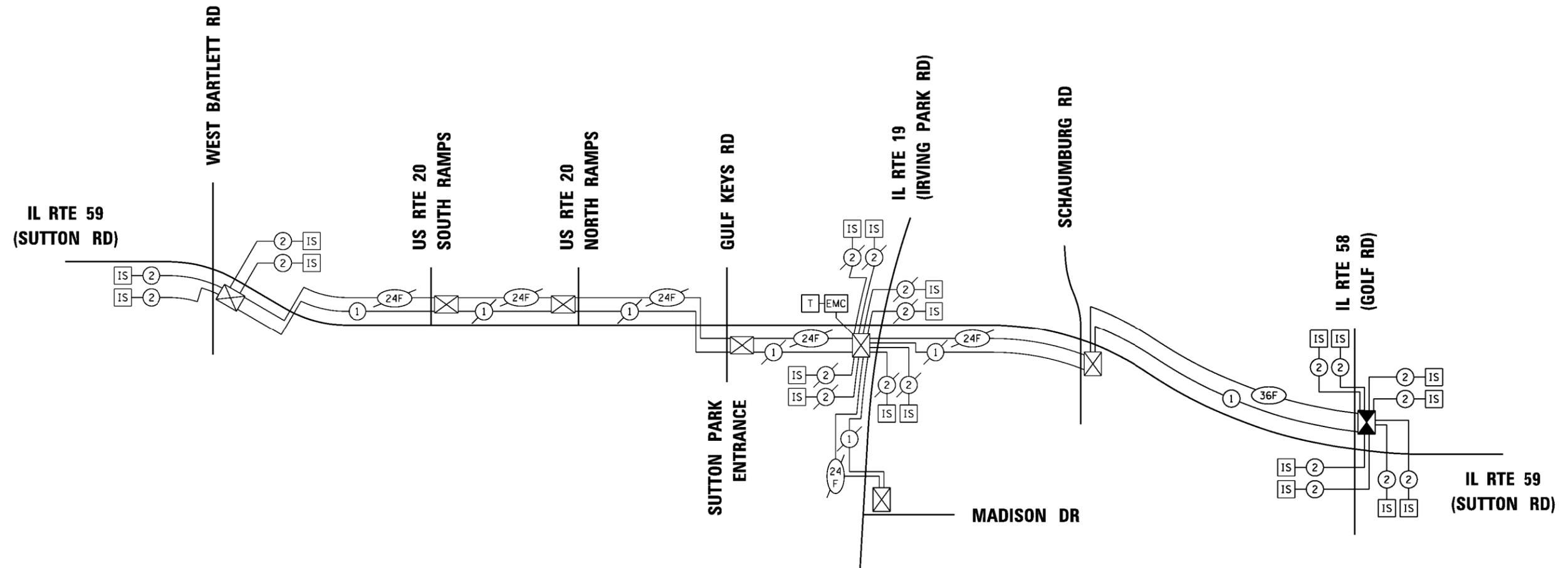
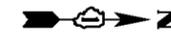
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED - JC	REVISED -
	PLOT DATE = 12/8/2015	DATE - 10/21/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT
IL RTE 59 (SUTTON RD)-
WEST BARTLETT RD TO IL RTE 58 (GOLF RD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581 (TS&N)-14	COOK	165	80
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	514
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRANSCIEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4026
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	8052
* ROD AND CLEAN EXISTING CONDUIT	FOOT	500
DRILL EXISTING HANDHOLE	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	4026
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

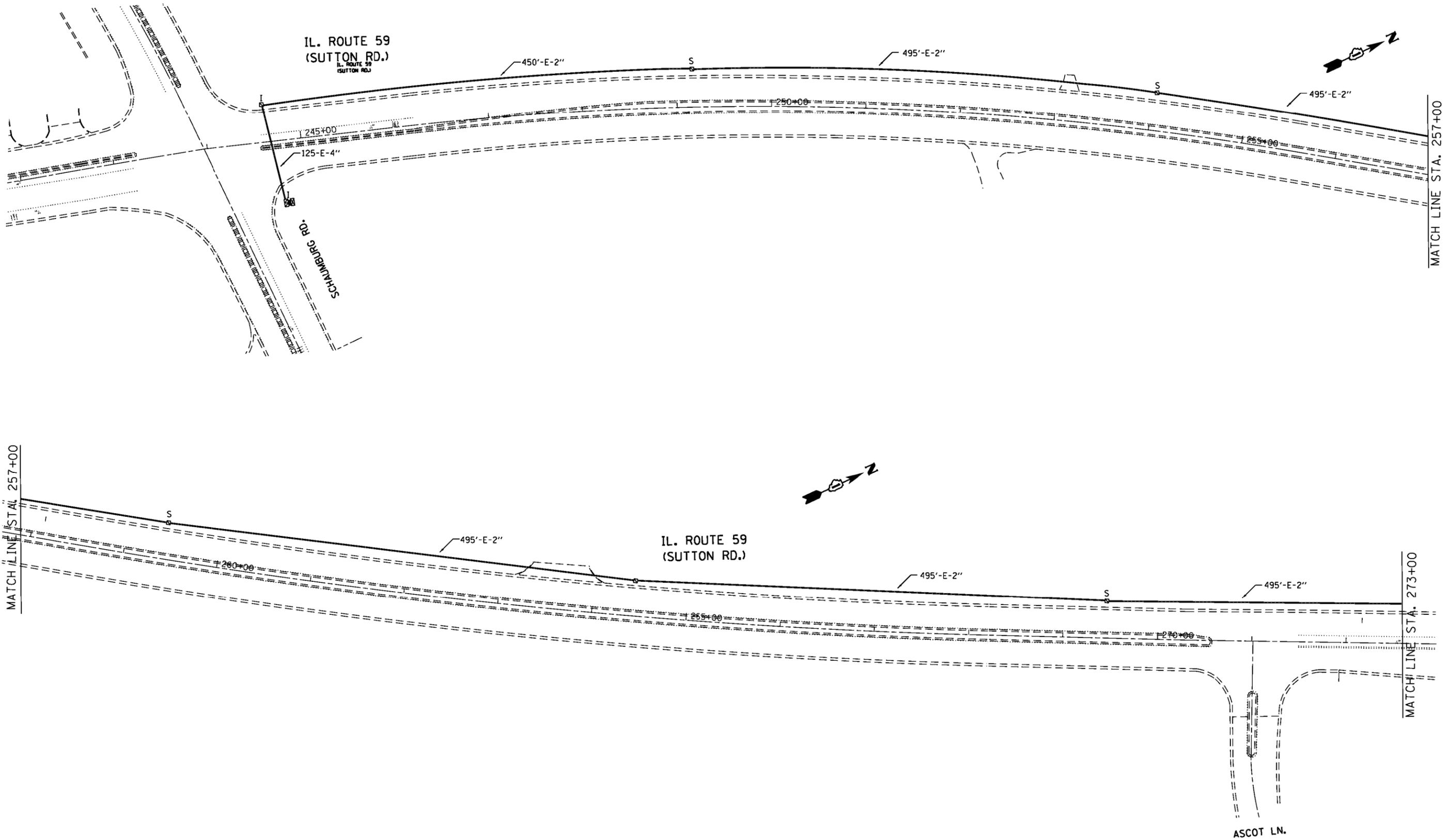
* NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER

TS SHT NO. 24

EAGLE 5N

FILE NAME =	USER NAME = smsthv	DESIGNED - SS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERCONNECT SCHEMATIC IL RTE 59 (SUTTON RD)- WEST BARTLETT RD TO IL RTE 58 (GOLF RD)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\IL084EBIDINTEG\illinois.gov\PI\DOT\Documents\IDOT Offices\District 1\Projects\PI13712\Traffic\513712-sht-ta.dgn	PLT SCALE = 100.0000' / 1in.	CHECKED - JC	REVISED -			559	581 (TS&N)-14	COOK	165	81	
Default	PLT DATE = 12/8/2015	DATE - 10/21/2015	REVISED -			CONTRACT NO. 60Y24					
						ILLINOIS FED. AID PROJECT					

TS SHT NO. 25



EAGLE 5N

FILE NAME =	USER NAME = smthsv	DESIGNED - SS	REVISED -
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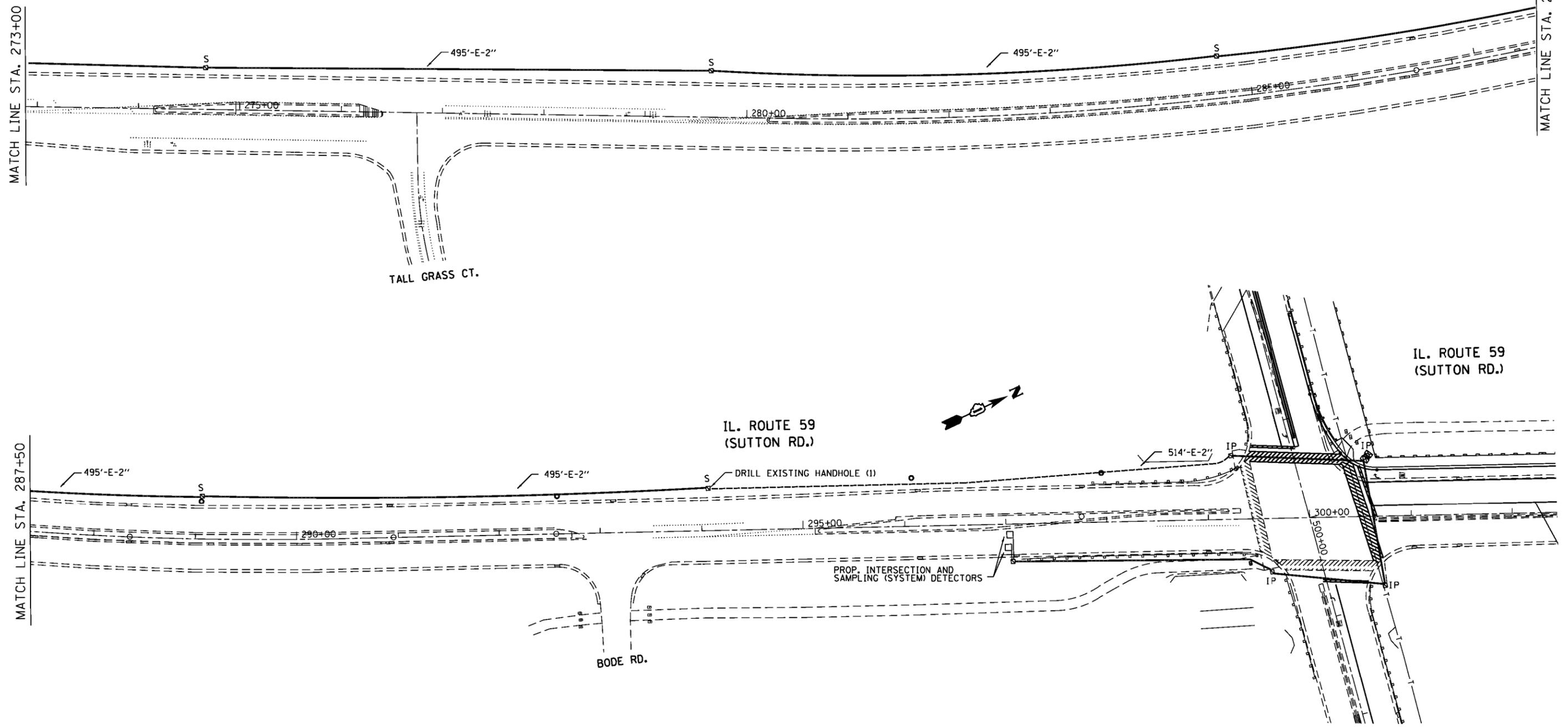
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT
IL RTE 59 (SUTTON RD)-
WEST BARTLETT RD TO IL RTE 58 (GOLF RD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581 (TS&N)-14	COOK	165	82
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

IL. ROUTE 59
(SUTTON RD.)



IL. ROUTE 59
(SUTTON RD.)

IL. ROUTE 59
(SUTTON RD.)

TS SHT NO. 26

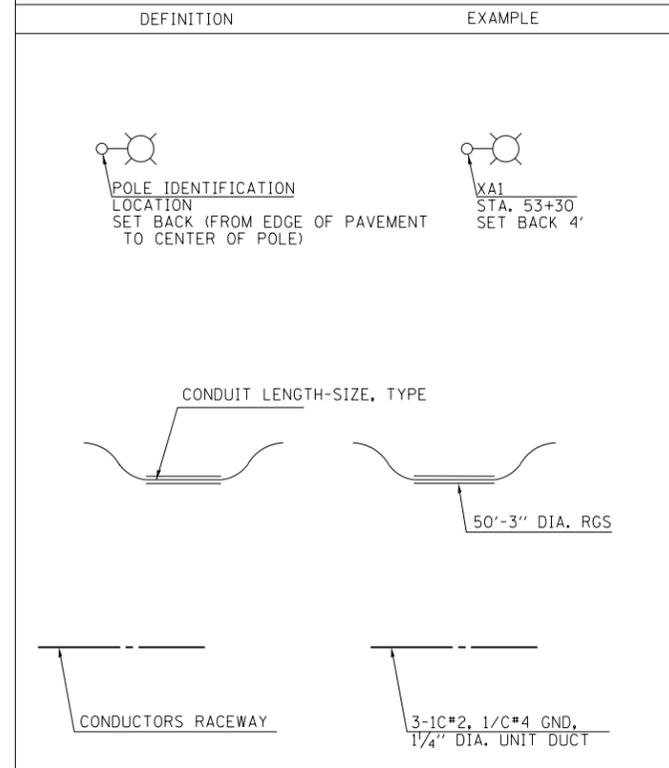
EAGLE 5N

FILE NAME =	USER NAME = smsthrv	DESIGNED - SS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERCONNECT IL RTE 59 (SUTTON RD)- WEST BARTLETT RD TO IL RTE 58 (GOLF RD)				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\IDOT Offices\District 1\Projects\PI1313\Drawings\Traffic\5913712-sht-ta.dgn	DRWING	CHECKED - JC	REVISED -		559	581 (TS&N)-14	COOK	165	83				
PLOT SCALE = 100.0000' / 1in.	DATE - 10/21/2015	REVISI	REVISI		CONTRACT NO. 60Y24								
PLOT DATE = 12/8/2015	DATE - 10/21/2015	REVISI	REVISI		ILLINOIS FED. AID PROJECT								
Default				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			

LEGEND

-  PROPOSED LIGHT POLE, 47.5' MH, 12' MA, 400W HPS LUMINAIRE, TYPE M-C-III 240V (PHASE TO NEUTRAL)
-  PROPOSED COMBINATION LIGHT POLE, 45' MH, 12' MA, 400W HPS LUMINAIRE TYPE M-C-III, 120V
-  TEMPORARY LIGHT POLE, 50' MH, 15' MA, 400W HPS LUMINAIRE, TYPE M-C-III, 240V (PHASE TO NEUTRAL)
-  EXISTING LIGHT POLE TO BE REMOVED
-  EXISTING COMBINATION LIGHT POLE TO BE REMOVED
-  TEMPORARY WOOD POLE, 60'
-  PROPOSED GROUNDING ROD
-  PROPOSED LIGHTING CONTROLLER
-  TEMPORARY POLE-MOUNTED LIGHTING CONTROLLER
-  EXISTING LIGHTING CONTROLLER TO BE REMOVED
-  EXISTING ELECTRIC SERVICE POLE TO REMAIN
-  EXISTING LIGHTING CABLES IN UNDERGROUND DUCT TO REMAIN IN PLACE
-  UNDERGROUND CONDUITS SIZE AS INDICATED WITH CABLES AS APPLICABLE
-  UNIT DUCT, AS SPECIFIED IN PLANS
-  AERIAL CABLE, AS SPECIFIED IN PLANS

CALL-OUT SAMPLES



ABBREVIATIONS

SYMBOL	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CNC	COILABLE NONMETALLIC CONDUIT
CT	CURRENT TRANSFORMER
CP	CONTROL PANEL
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
EM	EXISTING UNIT TO BE MODIFIED (e.g. NEW LUMINAIRE, BALLAST OR MAST ARM)
ER	EXISTING RELOCATED UNIT
ET	EXISTING TEMPORARY UNIT TO REMAIN
ETR	EXISTING TEMPORARY RELOCATED UNIT
FT	FEET OR FOOT
FND BW	FOUNDATION BARRIER WALL
FND BW OS	FOUNDATION BARRIER WALL OFFSET
FND CON	FOUNDATION CONCRETE
FND CON OS	FOUNDATION CONCRETE OFFSET
FND MET	FOUNDATION METAL
FND PW	FOUNDATION PARAPET WALL
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LT	LEFT
MA	MAST ARM
MM	MILLIMETER
MH	MOUNTING HEIGHT
NO. #	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RT	RIGHT
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
RGS	RIGID GALVANIZED STEEL
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
T	TEMPORARY LIGHTING UNIT
TB	TRANSFORMER BASE
TMP	TEMPORARY
TR	TEMPORARY UNIT TO BE REMOVED. SALVAGE EQUIPMENT AS SPECIFIED
TRR	TEMPORARY UNIT TO BE REMOVED AND RELOCATED
TUR	TEMPORARY UNIT ON UTILITY POLE TO BE REMOVED
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
WP	WOOD POLE
XFMR	TRANSFORMER

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL OF THE INFORMATION SHOWN ON THE CONTRACT DRAWINGS, WHICH WOULD AFFECT THE WORK UNDER THIS CONTRACT.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS AND UNIT PRICE ITEMS.
3. ALL NEW CONDUITS, UNIT DUCTS, DIRECT BURIAL CABLES, AND APPURTENANCES ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH APPROVAL OF THE ENGINEER.
4. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ASSOCIATED SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS (LATEST EDITION).
5. THE SCALE SHOWN ON PLAN DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZE PLANS.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL LUMINAIRE LAMPS IN ACCORDANCE WITH THE SUPPLIER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE SPECIFICATIONS. THE COST OF THIS WORK AND MATERIAL SHALL BE INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
7. ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS OTHERWISE INDICATED OR DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEMS. SEPARATE PAYMENT WILL NOT BE MADE.
8. CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 30" DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERDRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST TO THE STATE. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
9. WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND ITEM. REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE PAY ITEM.
10. SET BACK DISTANCES FOR LIGHT POLES ARE MEASURED FROM THE EDGE OF TRAVELED PAVEMENT TO THE CENTER OF POLE.
11. THE COST OF THE GROUND RODS ARE INCLUDED IN THE PRICE OF THE FOUNDATION AND NO EXTRA COMPENSATION SHALL BE MADE.

SCHEDULE OF QUANTITIES

PAY ITEM	DESIGNATION	UNIT	TOTAL QUANTITY
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	60
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	676
81603070	UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1830
81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	3820
81702170	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2/0	FOOT	180
81800190	AERIAL CABLE, 2-1/C NO. 2 WITH MESSENGER WIRE	FOOT	1410
81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	2210
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	51
82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1
83050800	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM	EACH	27
83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	22
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	270
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	27
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	12
84200804	REMOVAL OF POLE FOUNDATION	EACH	12
X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	1
X8250065	TEMPORARY LIGHTING CONTROLLER, 240 VOLT, POLE MOUNTED	EACH	1
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	18
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	24
	ELECTRICAL CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 10 AND NO.10 GROUND	FOOT	200

* DESIGNATES SPECIAL PROVISIONS



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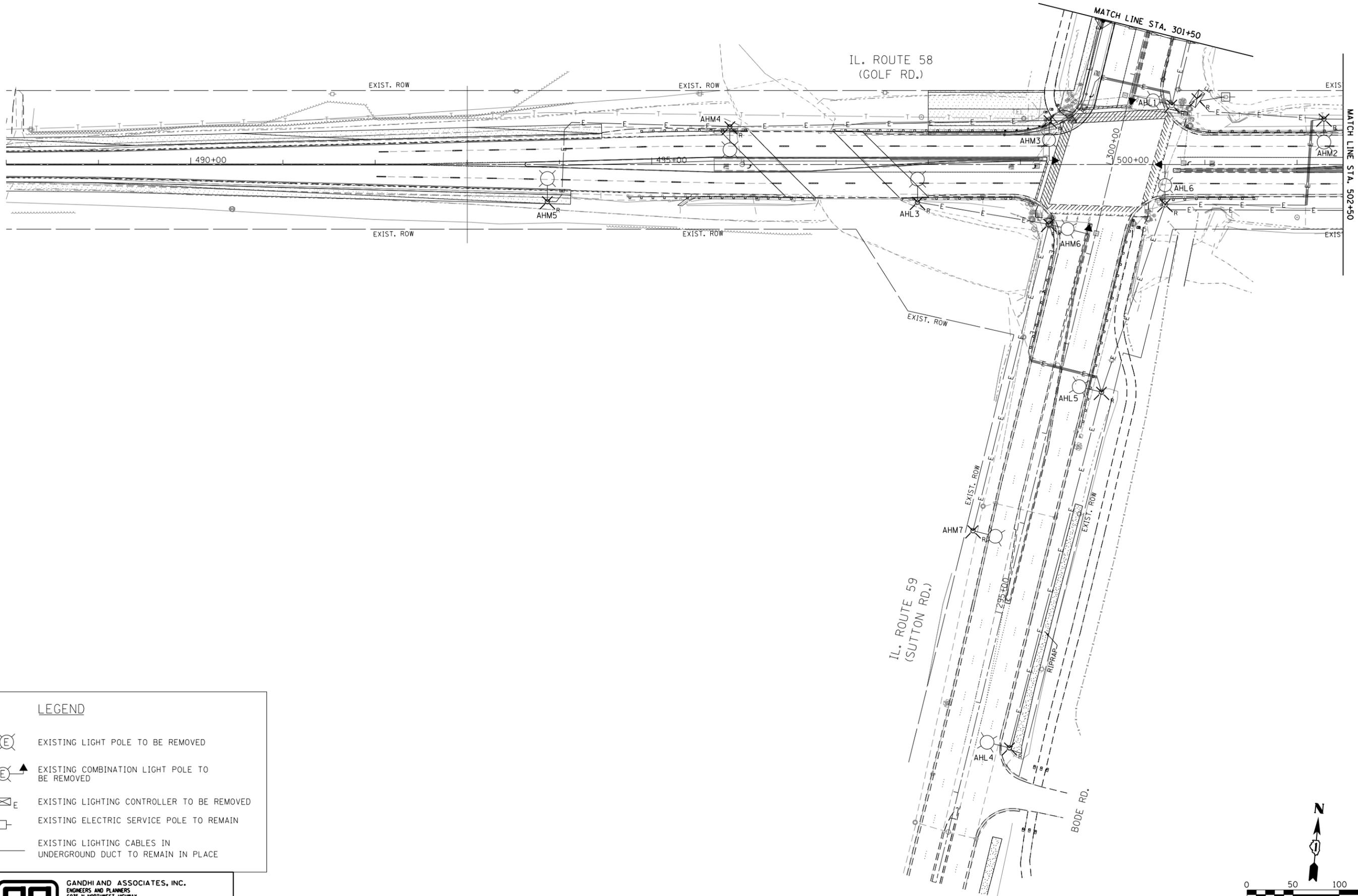
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DATE - 2015-12-11	REVISED - _____

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**ILLINOIS ROUTE 58 AT ILLINOIS ROUTE 59
LIGHTING GENERAL NOTES AND LEGEND**

NOT TO SCALE SHEET 84 OF 165 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581TS&N-14	COOK	165	84
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



LEGEND

-  EXISTING LIGHT POLE TO BE REMOVED
-  EXISTING COMBINATION LIGHT POLE TO BE REMOVED
-  EXISTING LIGHTING CONTROLLER TO BE REMOVED
-  EXISTING ELECTRIC SERVICE POLE TO REMAIN
-  EXISTING LIGHTING CABLES IN UNDERGROUND DUCT TO REMAIN IN PLACE



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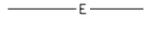
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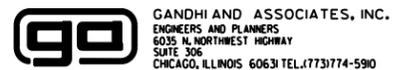
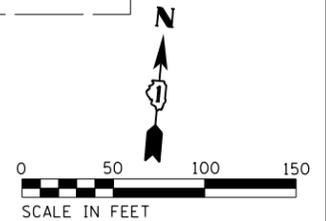
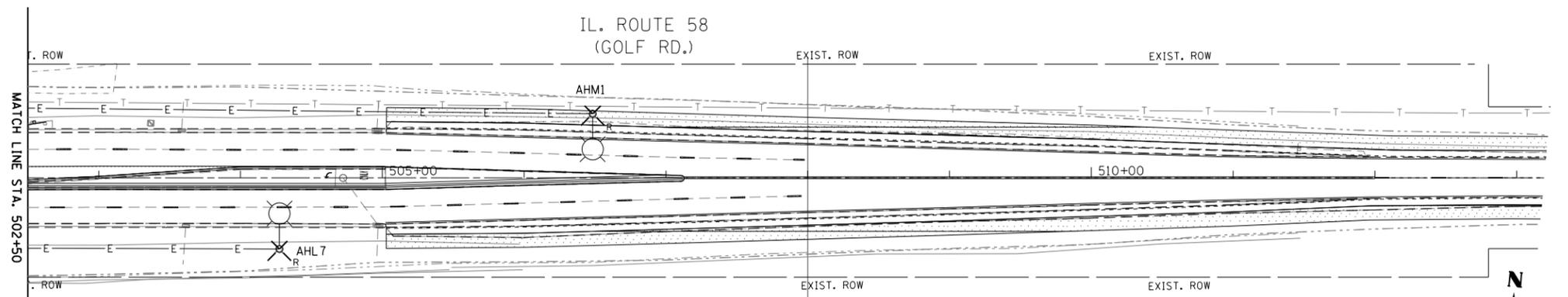
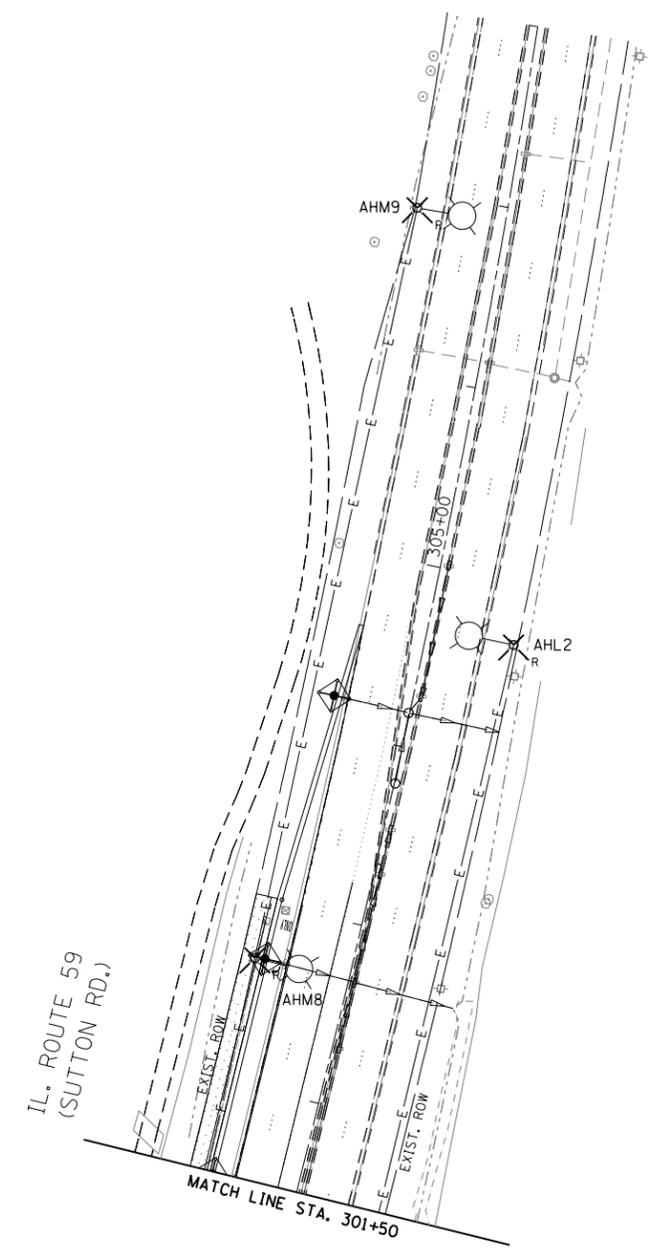
**ILLINOIS ROUTE 58 AT ILLINOIS ROUTE 59
 LIGHTING REMOVAL**

SCALE: 1" = 50' SHEET 85 OF 165 SHEETS STA. 488+00 TO STA. 502+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	85
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  EXISTING LIGHT POLE TO BE REMOVED
-  EXISTING COMBINATION LIGHT POLE TO BE REMOVED
-  EXISTING LIGHTING CONTROLLER TO BE REMOVED
-  EXISTING ELECTRIC SERVICE POLE TO REMAIN
-  EXISTING LIGHTING CABLES IN UNDERGROUND DUCT TO REMAIN IN PLACE



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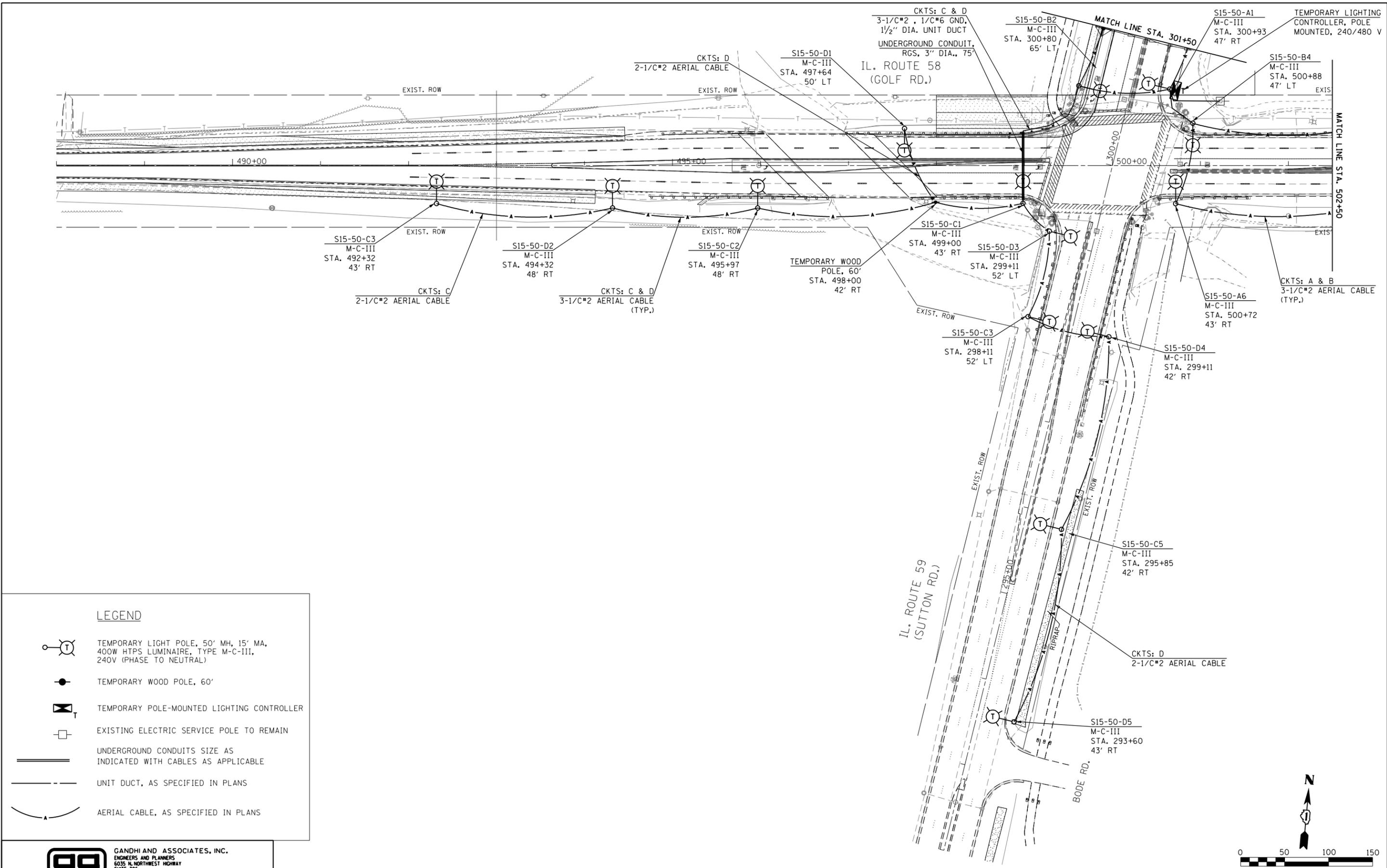
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**ILLINOIS ROUTE 58 AT ILLINOIS ROUTE 59
 LIGHTING REMOVAL**

SCALE: 1" = 50' SHEET 86 OF 165 SHEETS STA. 502+50 TO STA. 513+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	86
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



LEGEND

-  TEMPORARY LIGHT POLE, 50' MH, 15' MA, 400W HTPS LUMINAIRE, TYPE M-C-III, 240V (PHASE TO NEUTRAL)
-  TEMPORARY WOOD POLE, 60'
-  TEMPORARY POLE-MOUNTED LIGHTING CONTROLLER
-  EXISTING ELECTRIC SERVICE POLE TO REMAIN
-  UNDERGROUND CONDUITS SIZE AS INDICATED WITH CABLES AS APPLICABLE
-  UNIT DUCT, AS SPECIFIED IN PLANS
-  AERIAL CABLE, AS SPECIFIED IN PLANS



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DATE -	2015-12-11	REVISED -	

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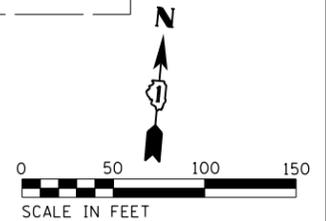
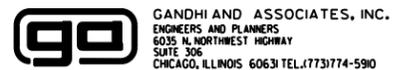
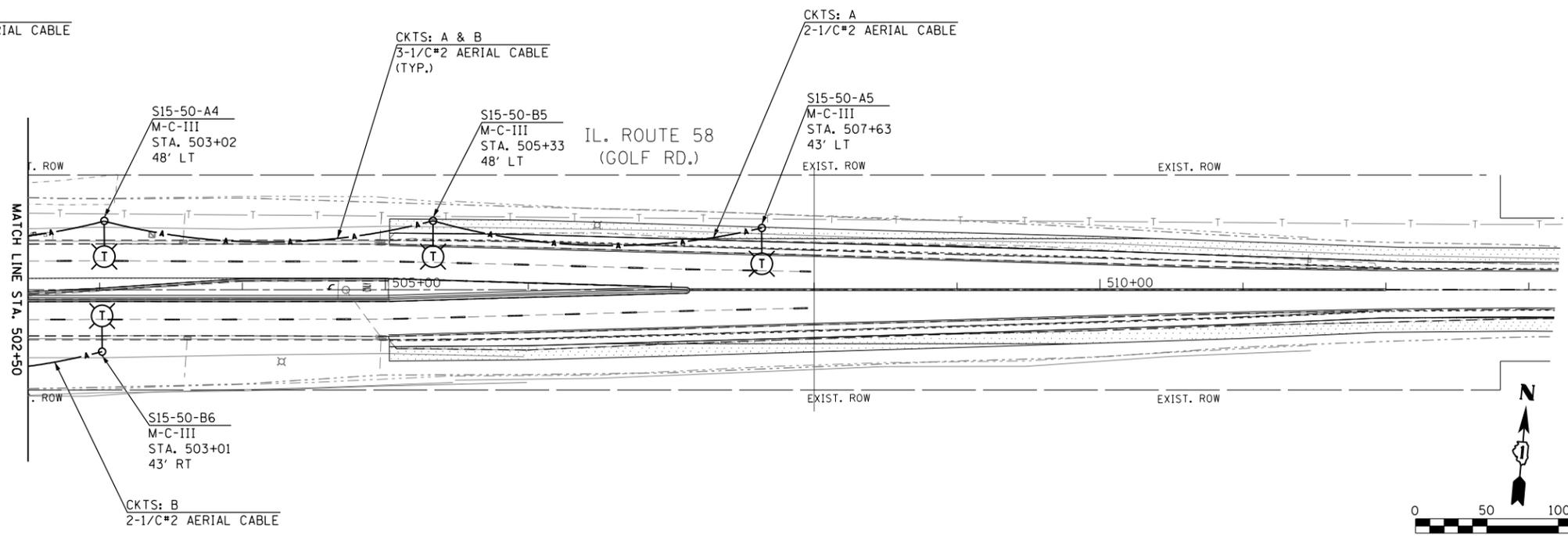
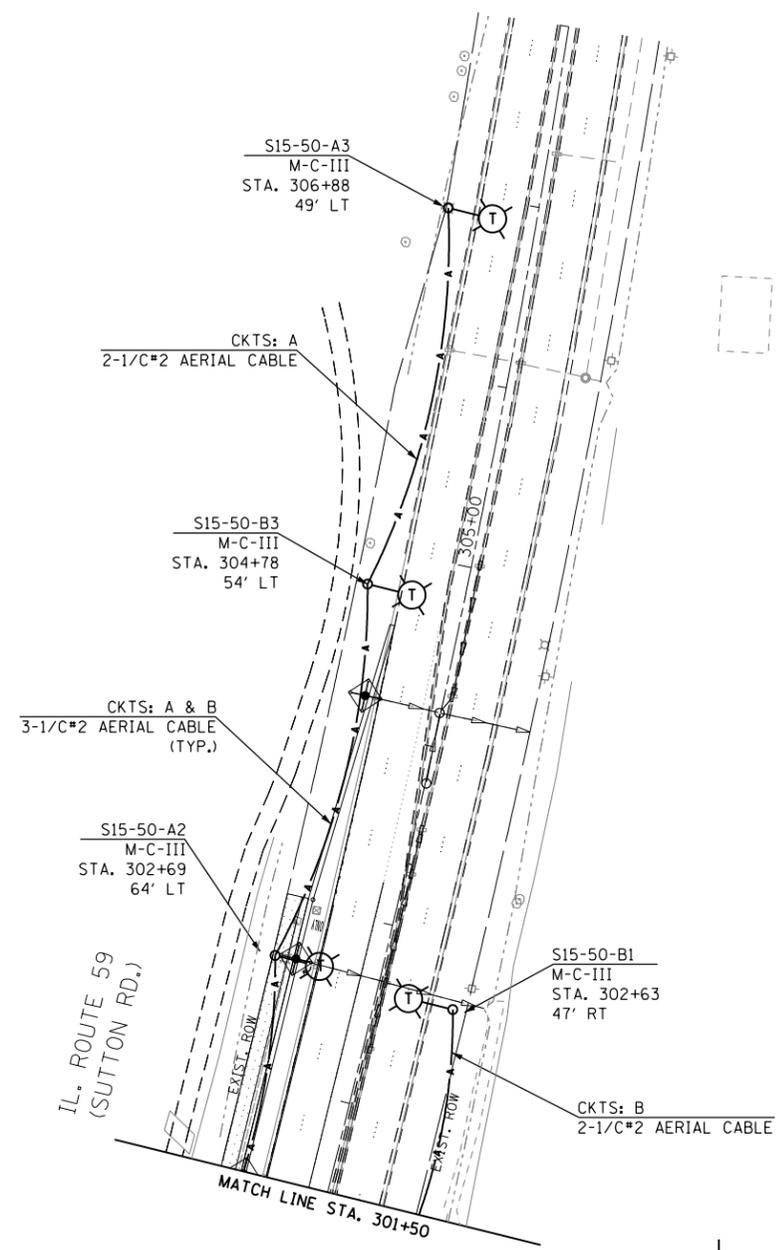
**ILLINOIS ROUTE 58 AT ILLINOIS ROUTE 59
 TEMPORARY LIGHTING**

SCALE: 1" = 50' SHEET 87 OF 165 SHEETS STA. 488+00 TO STA. 502+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581TS&N-14	COOK	165	87
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  TEMPORARY LIGHT POLE, 50' MH, 15' MA, 400W HTPS LUMINAIRE, TYPE M-C-III, 240V (PHASE TO NEUTRAL)
-  TEMPORARY WOOD POLE, 60'
-  TEMPORARY POLE-MOUNTED LIGHTING CONTROLLER
-  EXISTING ELECTRIC SERVICE POLE TO REMAIN
-  UNDERGROUND CONDUITS SIZE AS INDICATED WITH CABLES AS APPLICABLE
-  UNIT DUCT, AS SPECIFIED IN PLANS
-  AERIAL CABLE, AS SPECIFIED IN PLANS



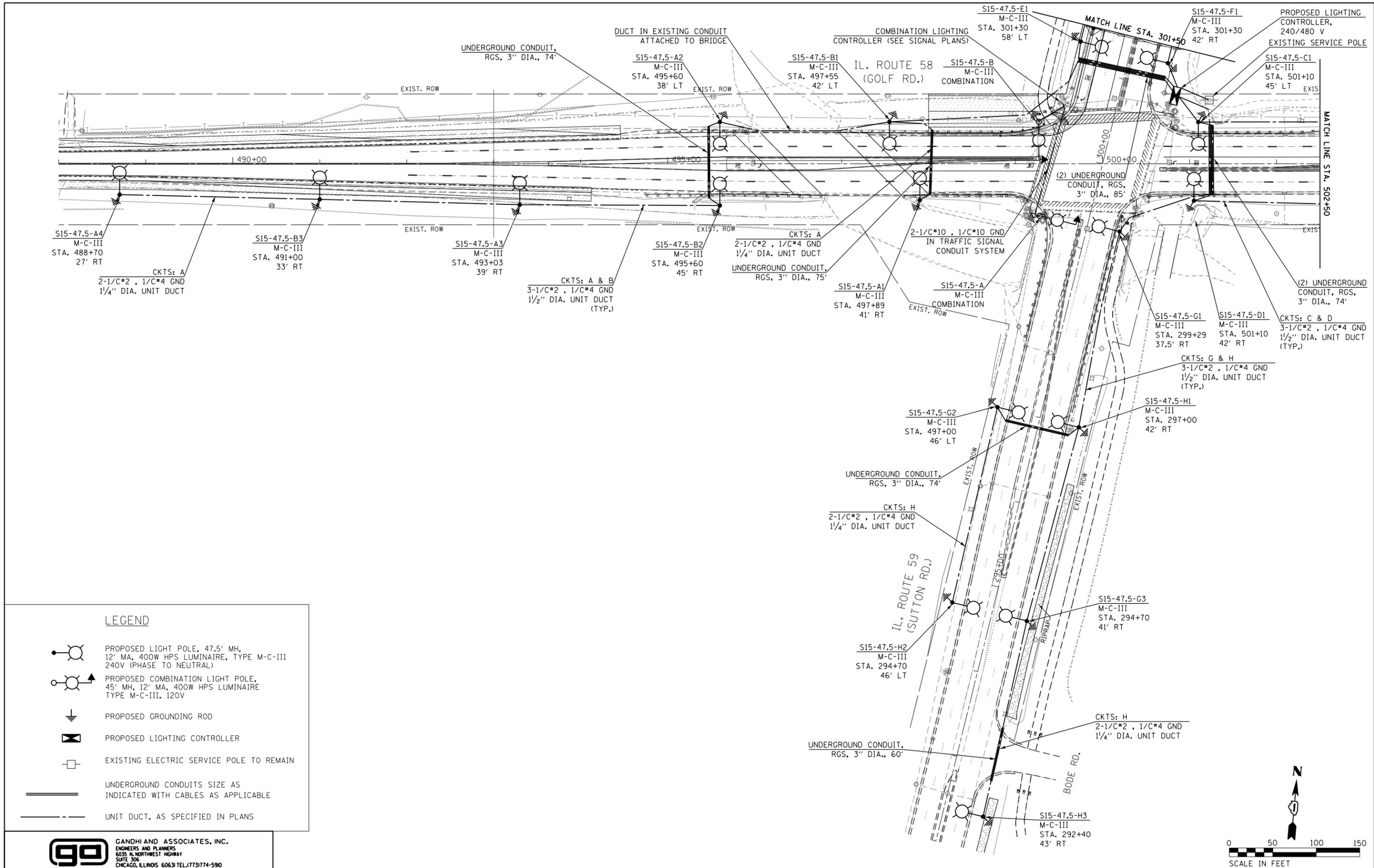
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		DATE - 2015-12-11	REVISED - _____

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**ILLINOIS ROUTE 58 AT ILLINOIS ROUTE 59
TEMPORARY LIGHTING**

SCALE: 1" = 50' SHEET 88 OF 165 SHEETS STA. 502+50 TO STA. 513+50

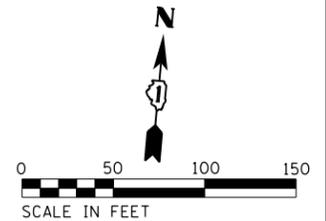
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	88
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



LEGEND

- PROPOSED LIGHT POLE, 47.5' MH, 12' MA, 400W HPS LUMINAIRE, TYPE M-C-III 240V (PHASE TO NEUTRAL)
- PROPOSED COMBINATION LIGHT POLE, 45' MH, 12' MA, 400W HPS LUMINAIRE TYPE M-C-III, 120V
- PROPOSED GROUNDING ROD
- PROPOSED LIGHTING CONTROLLER
- EXISTING ELECTRIC SERVICE POLE TO REMAIN
- UNDERGROUND CONDUITS SIZE AS INDICATED WITH CABLES AS APPLICABLE
- UNIT DUCT, AS SPECIFIED IN PLANS

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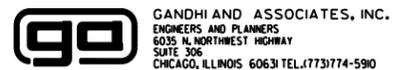
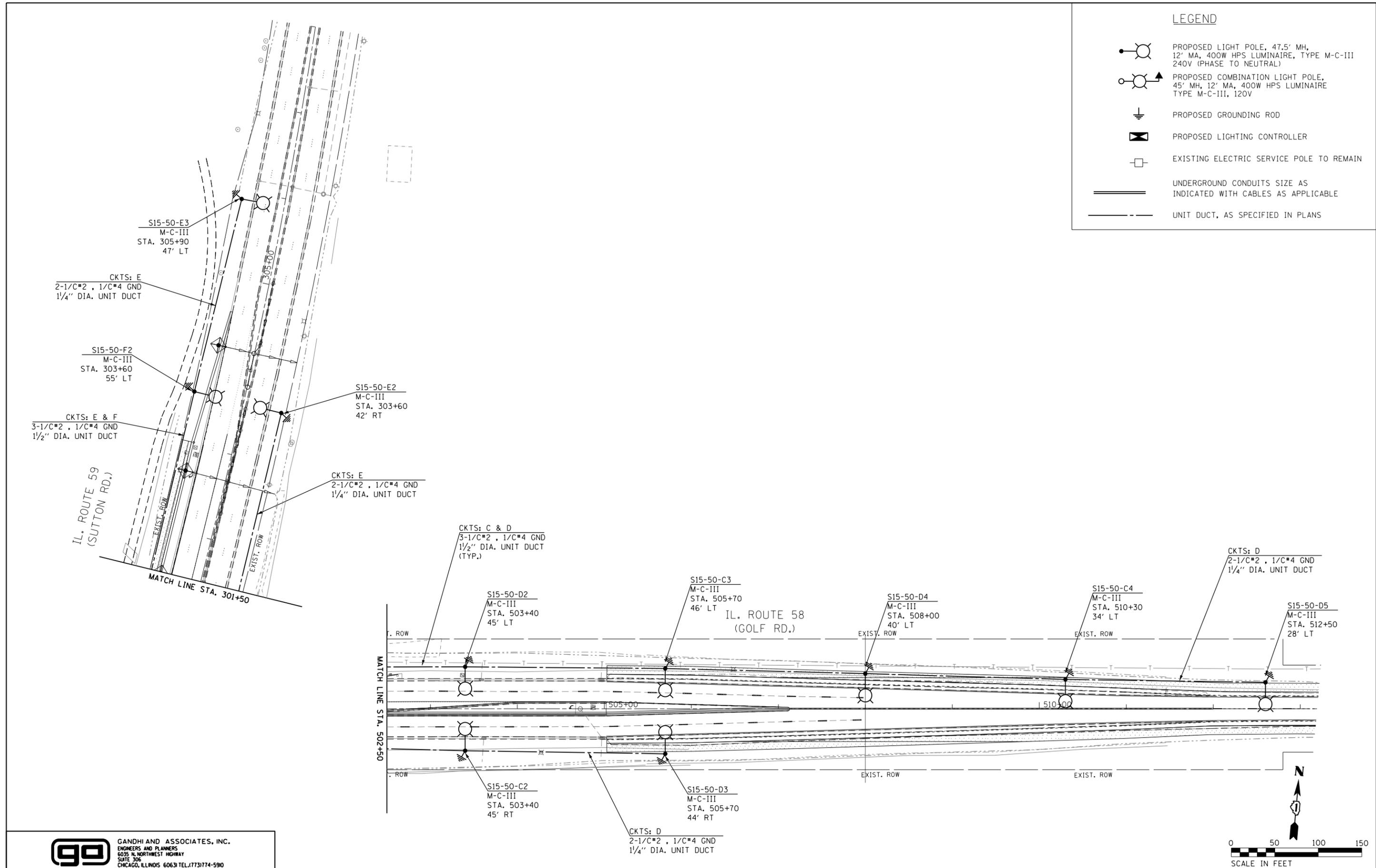
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**ILLINOIS ROUTE 58 AT ILLINOIS ROUTE 59
PROPOSED LIGHTING**
SCALE: 1" = 50' SHEET 89 OF 165 SHEETS STA. 488+00 TO STA. 502+50

F.A.P. RTE. 559	SECTION 581TS&N-14	COUNTY COOK	TOTAL SHEETS 165	SHEET NO. 89
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				

LEGEND

-  PROPOSED LIGHT POLE, 47.5' MH, 12' MA, 400W HPS LUMINAIRE, TYPE M-C-III 240V (PHASE TO NEUTRAL)
-  PROPOSED COMBINATION LIGHT POLE, 45' MH, 12' MA, 400W HPS LUMINAIRE TYPE M-C-III, 120V
-  PROPOSED GROUNDING ROD
-  PROPOSED LIGHTING CONTROLLER
-  EXISTING ELECTRIC SERVICE POLE TO REMAIN
-  UNDERGROUND CONDUITS SIZE AS INDICATED WITH CABLES AS APPLICABLE
-  UNIT DUCT, AS SPECIFIED IN PLANS



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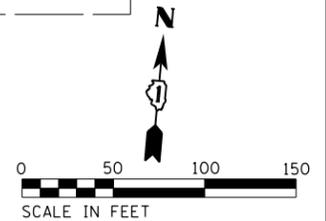
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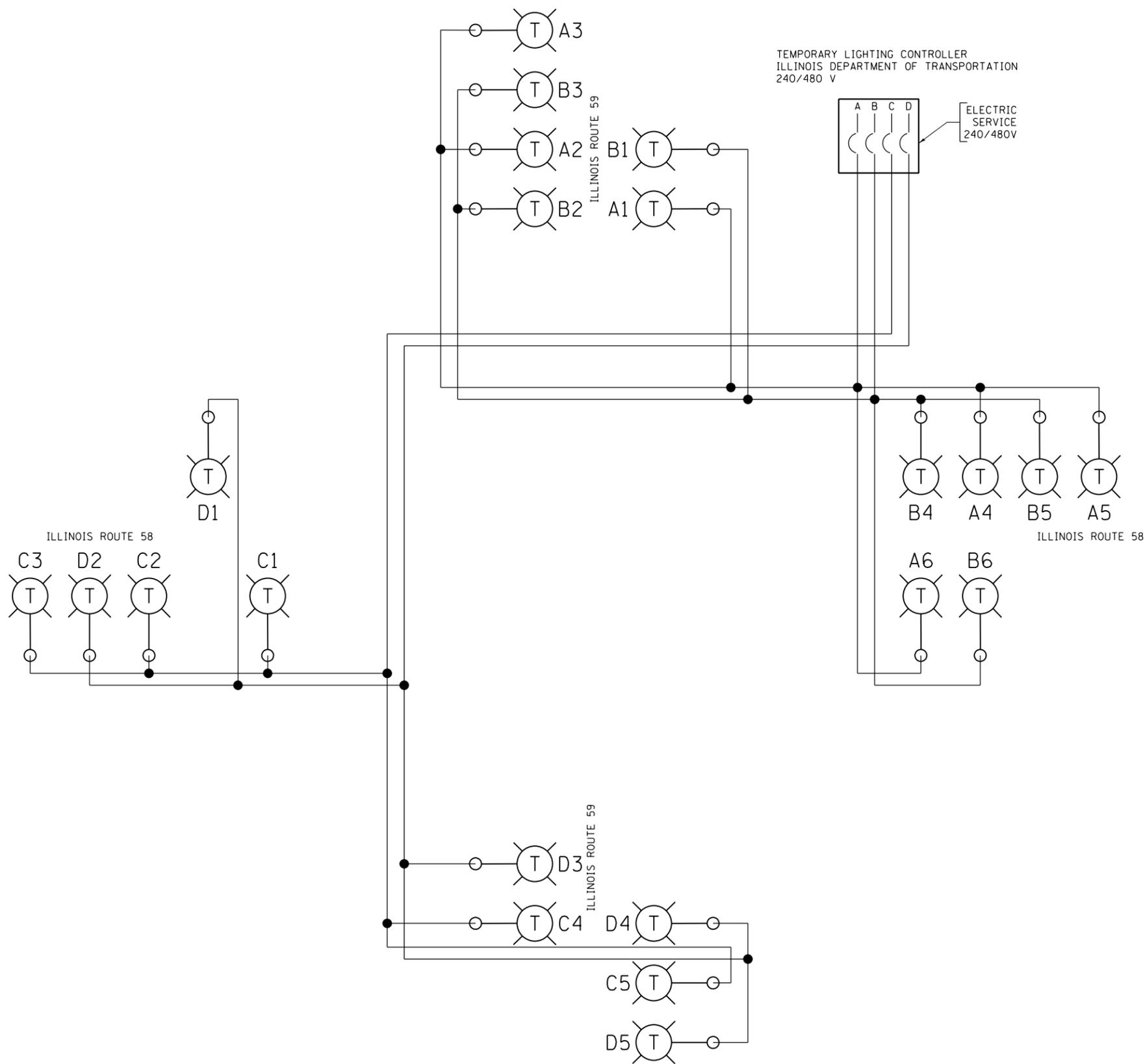
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**ILLINOIS ROUTE 58 AT ILLINOIS ROUTE 59
PROPOSED LIGHTING**

SCALE: 1" = 50' SHEET 90 OF 165 SHEETS STA. 502+50 TO STA. 513+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	90
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				





LOAD TABLE
TEMPORARY LIGHTING CONTROLLER
(@ 240 VOLTS)

CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	12	2880	B	12	2880
C	10	2400	D	10	2400
TOTAL	22	5280	TOTAL	22	5280

TOTAL LOAD ON CONTROLLER (@240 V): 44 AMP



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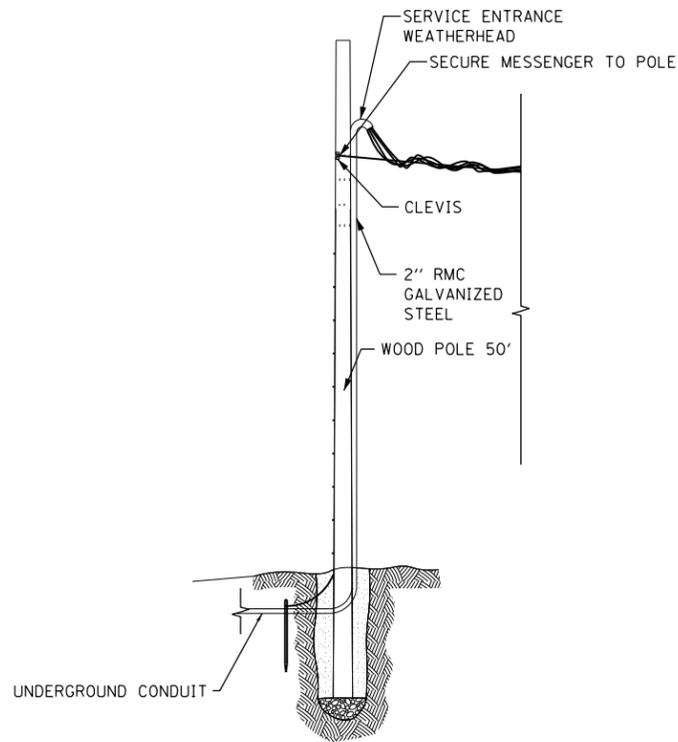
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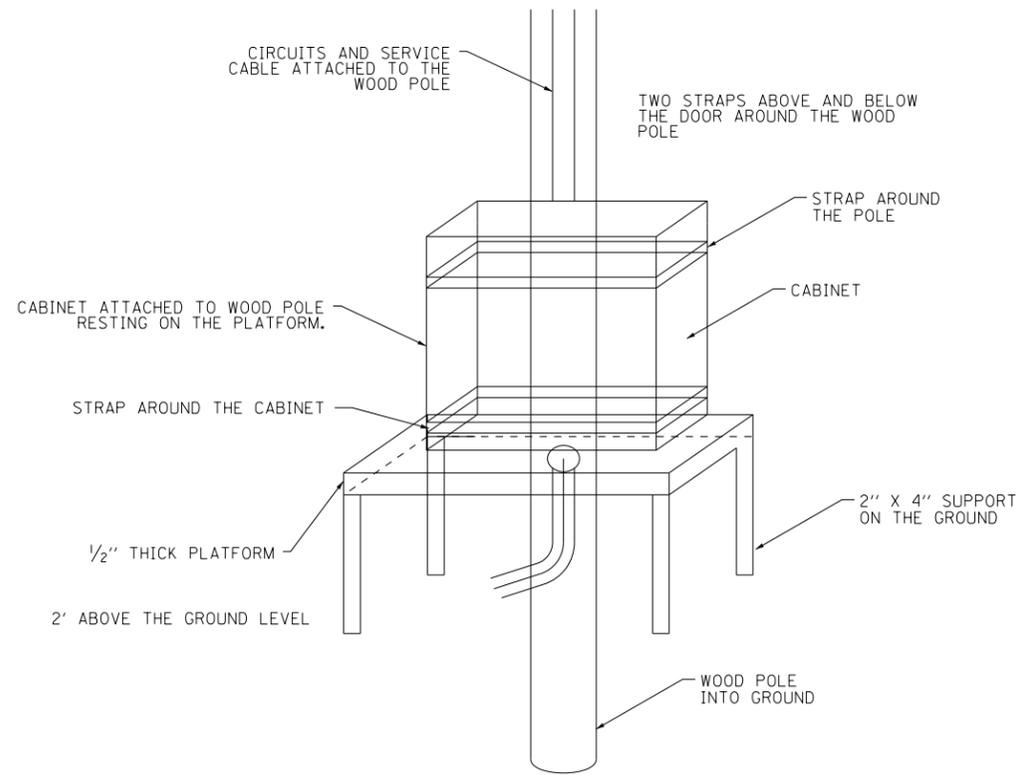
**ILLINOIS ROUTE 58 AT ILLINOIS ROUTE 59
TEMPORARY LIGHTING SINGLE LINE DIAGRAM**

NOT TO SCALE SHEET 91 OF 165 SHEETS STA. TO STA.

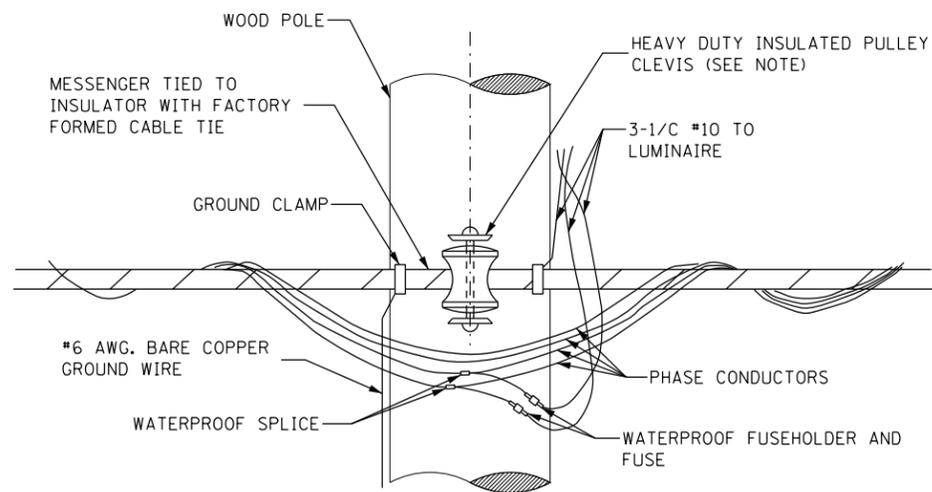
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	91
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



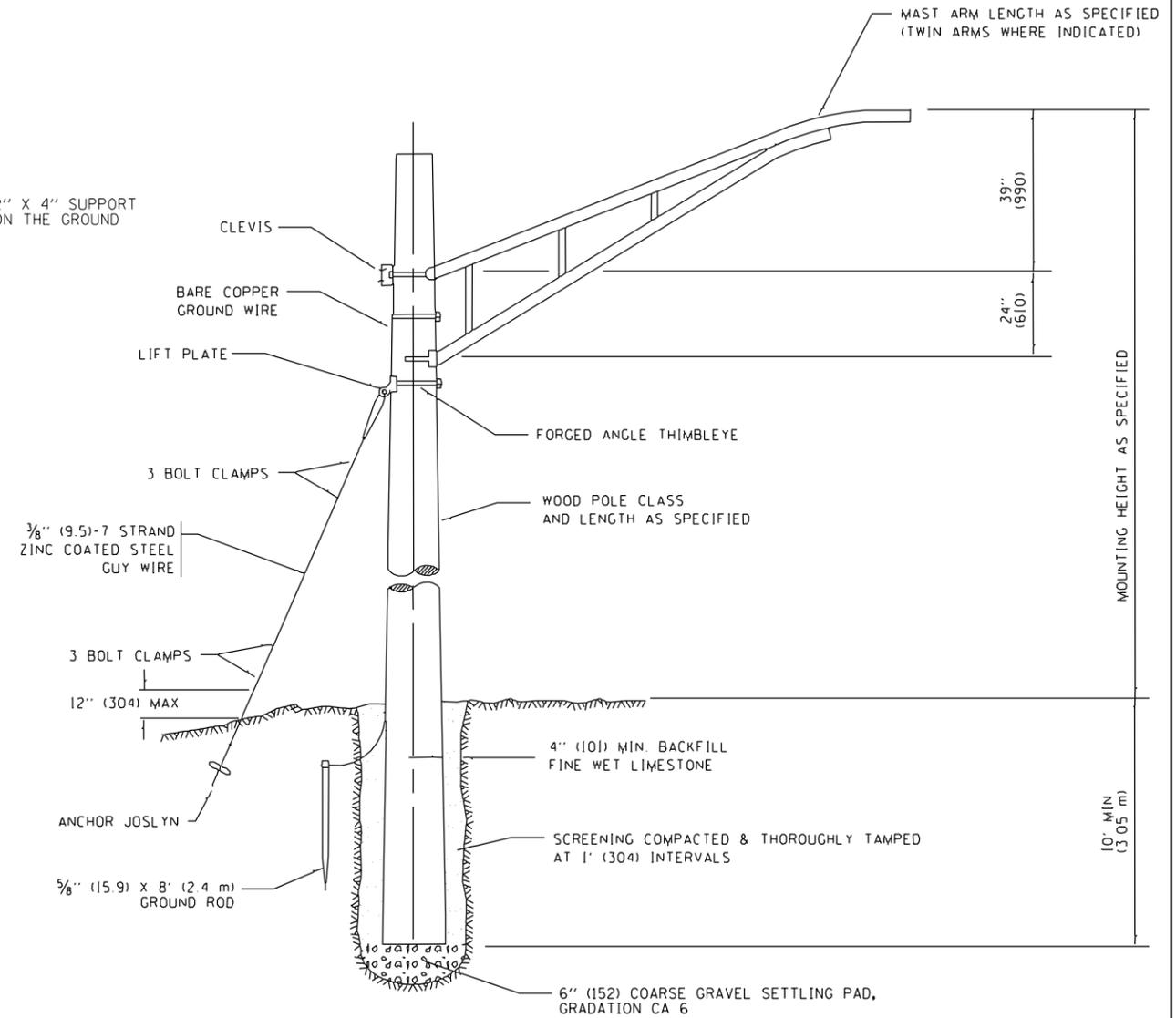
UNDERGROUND CONDUIT TO AERIAL CABLE TRANSITION ON TEMPORARY WOOD POLE NOT TO SCALE



POLE MOUNTED CABINET DETAIL



TEMPORARY LIGHT POLE CABLE ATTACHMENT DETAIL NOT TO SCALE



TEMPORARY LIGHT POLE DETAIL

NOTES:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED



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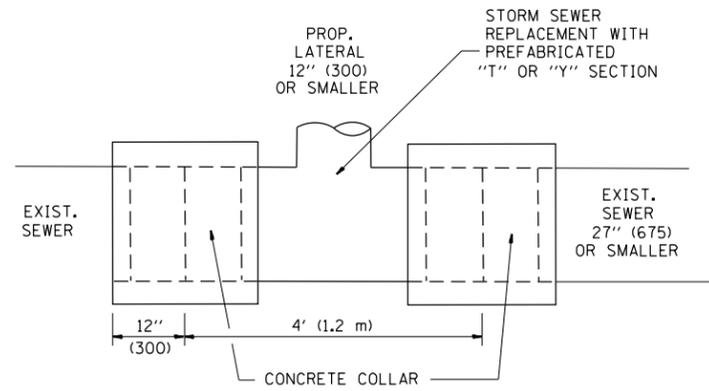
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ILLINOIS ROUTE 58 AT ILLINOIS ROUTE 59
LIGHTING DETAILS

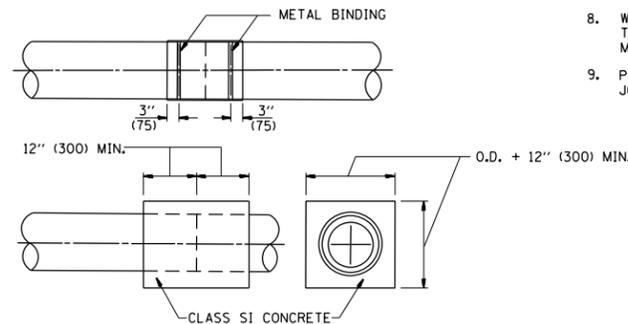
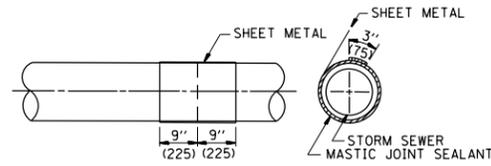
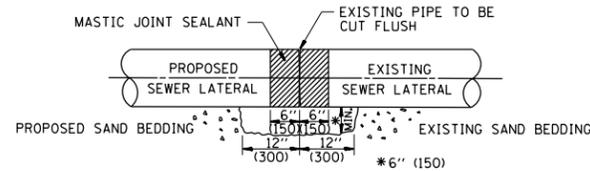
NOT TO SCALE SHEET 92-A OF 165 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	92-A
CONTRACT NO. 60Y24				
ILLINOIS FED. AID PROJECT				



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



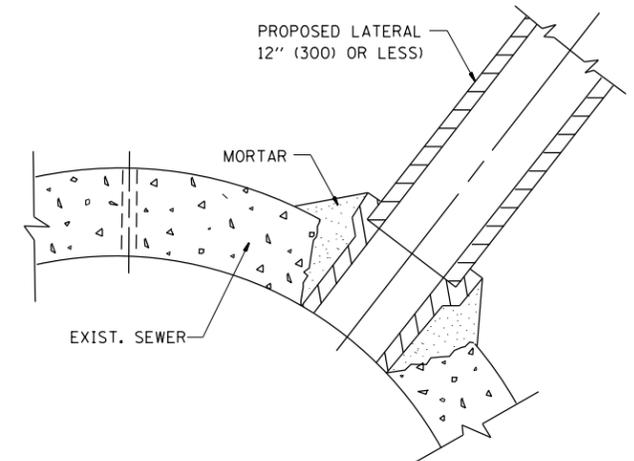
DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

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



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

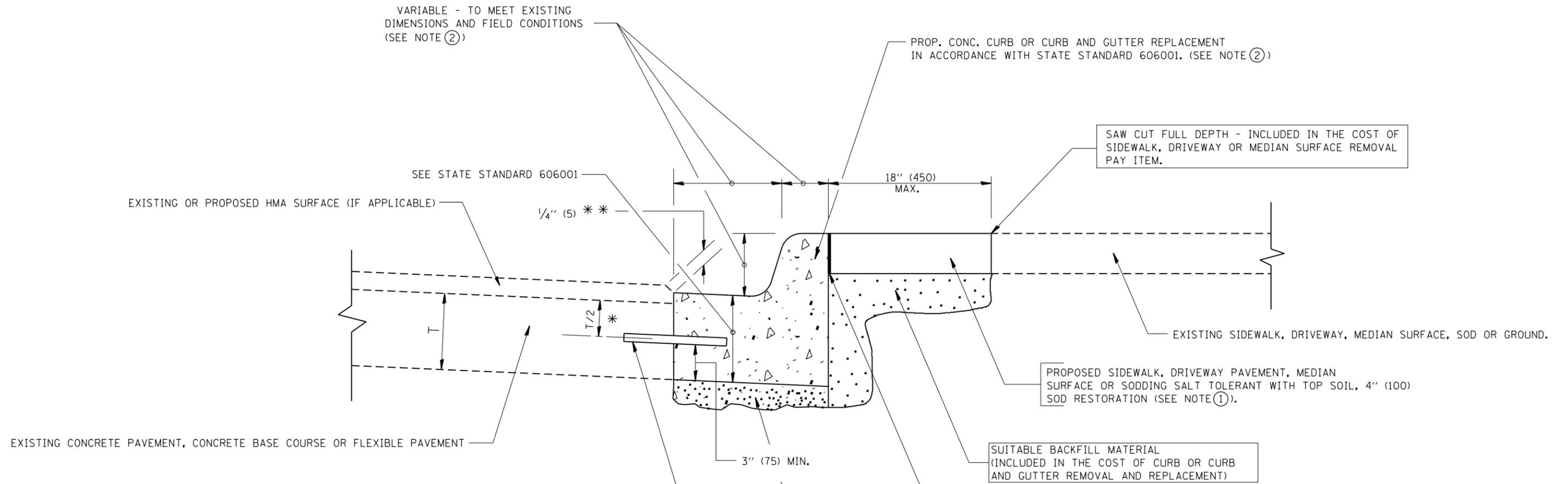
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	PLOT SCALE = 100.0000' / in.	DATE - 07-25-90	REVISED - R. SHAH 10-25-94
	PLOT DATE = 12/7/2015		REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581TS&N-14	COOK	165	93
BD500-01 (BD-7)		CONTRACT NO. 60Y24		
FED. ROAD DIST. NO. 1 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.
- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.
- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
 - ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
 - ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
 - ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
 - ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
 - ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
 - ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

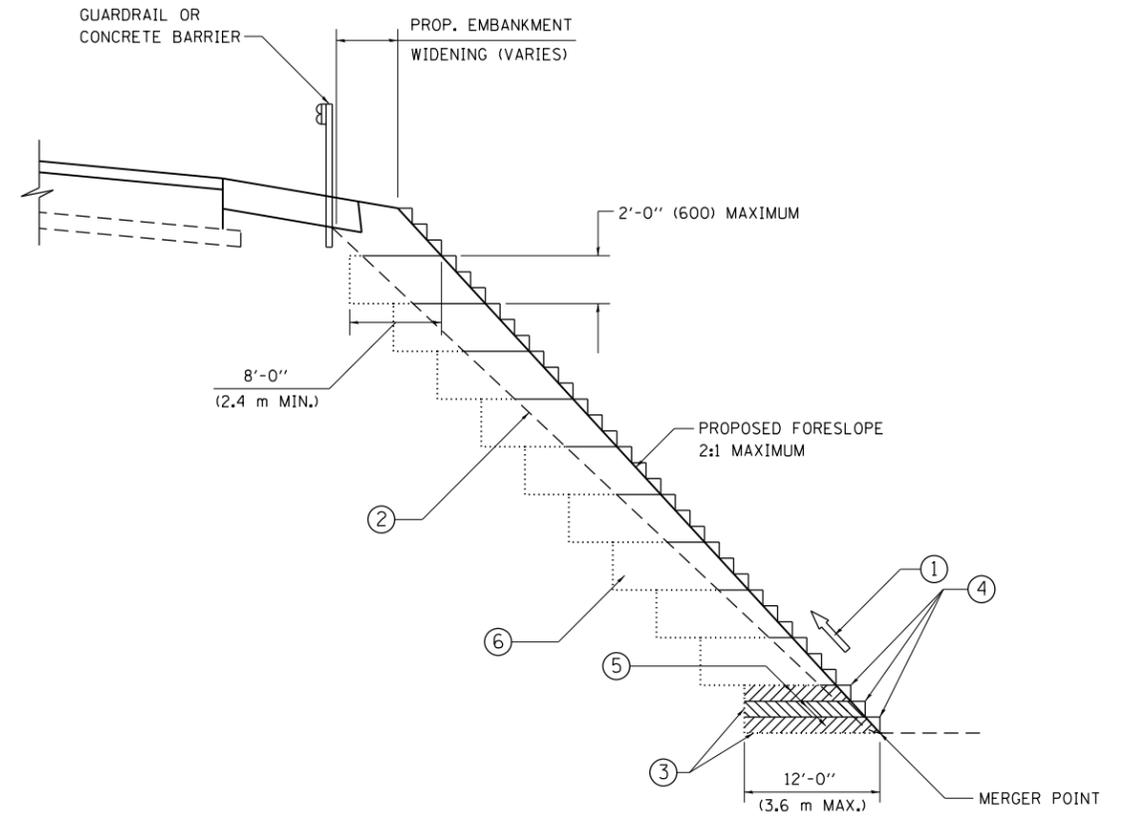
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.
- REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = shiranisb	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED - A. ABBAS 03-21-97			559	581TS&N-14	COOK	165	94	
			REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)		CONTRACT NO. 60Y24			
			REVISED - R. BORO 12-15-09			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

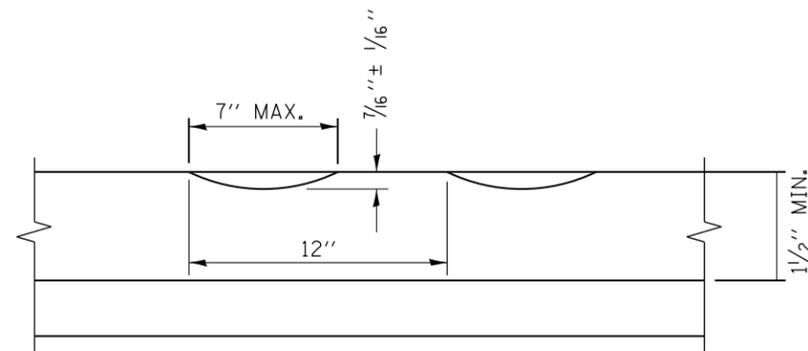
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	PLOT DATE = 12/7/2015	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

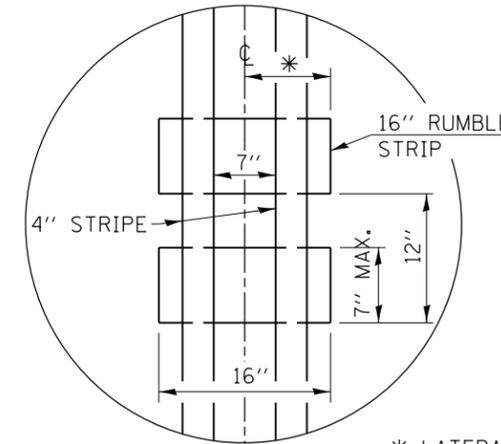
**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	95
BD-51			CONTRACT NO. 60Y24	
ILLINOIS FED. AID PROJECT				



SECTION A-A



DETAIL B

GENERAL NOTES

CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.

SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS. RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES. ALL RUMBLE STRIPS SHALL BE MILLED.

CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.

DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

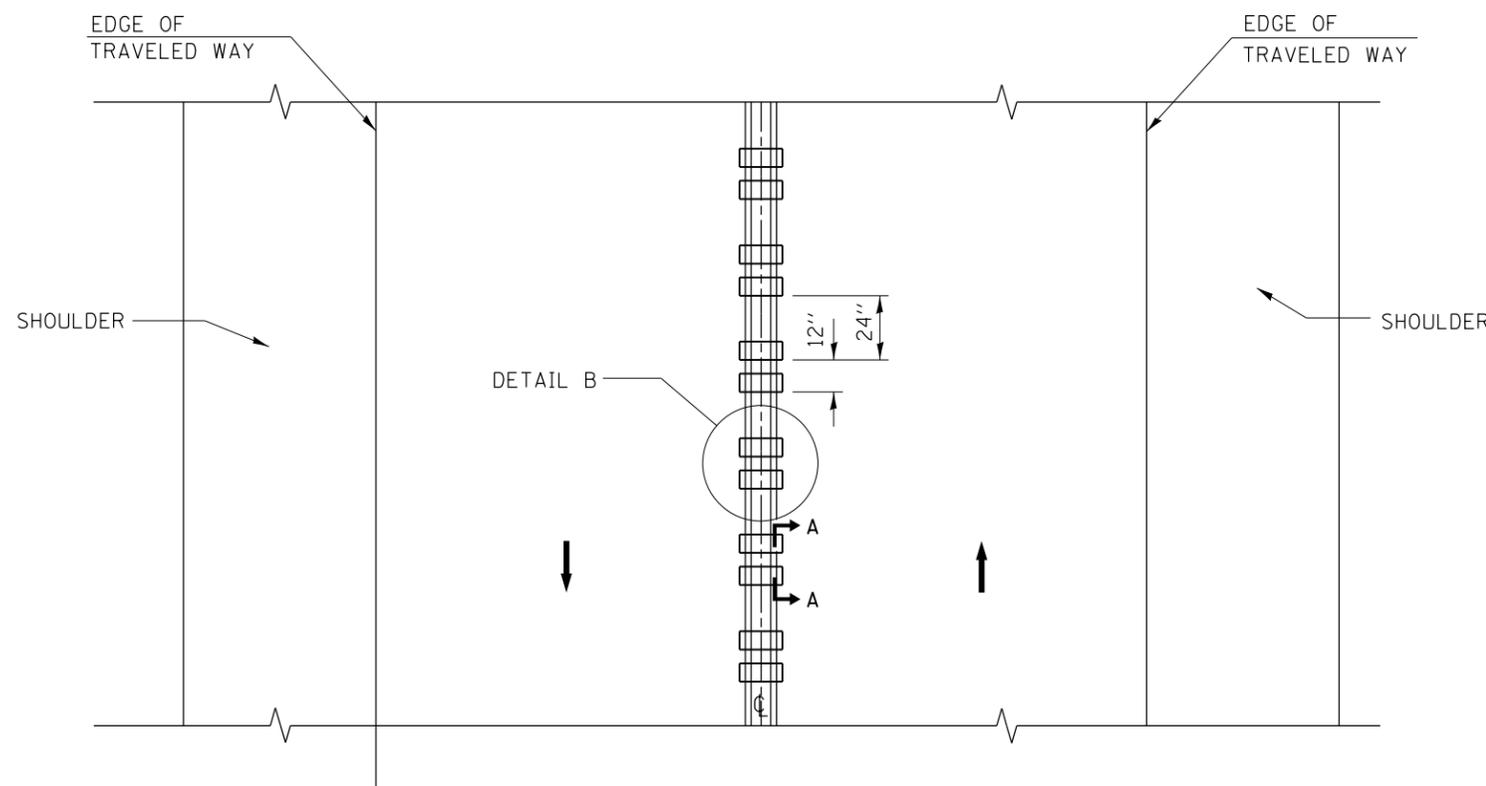
AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEP CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.

WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

BASIS OF PAYMENT

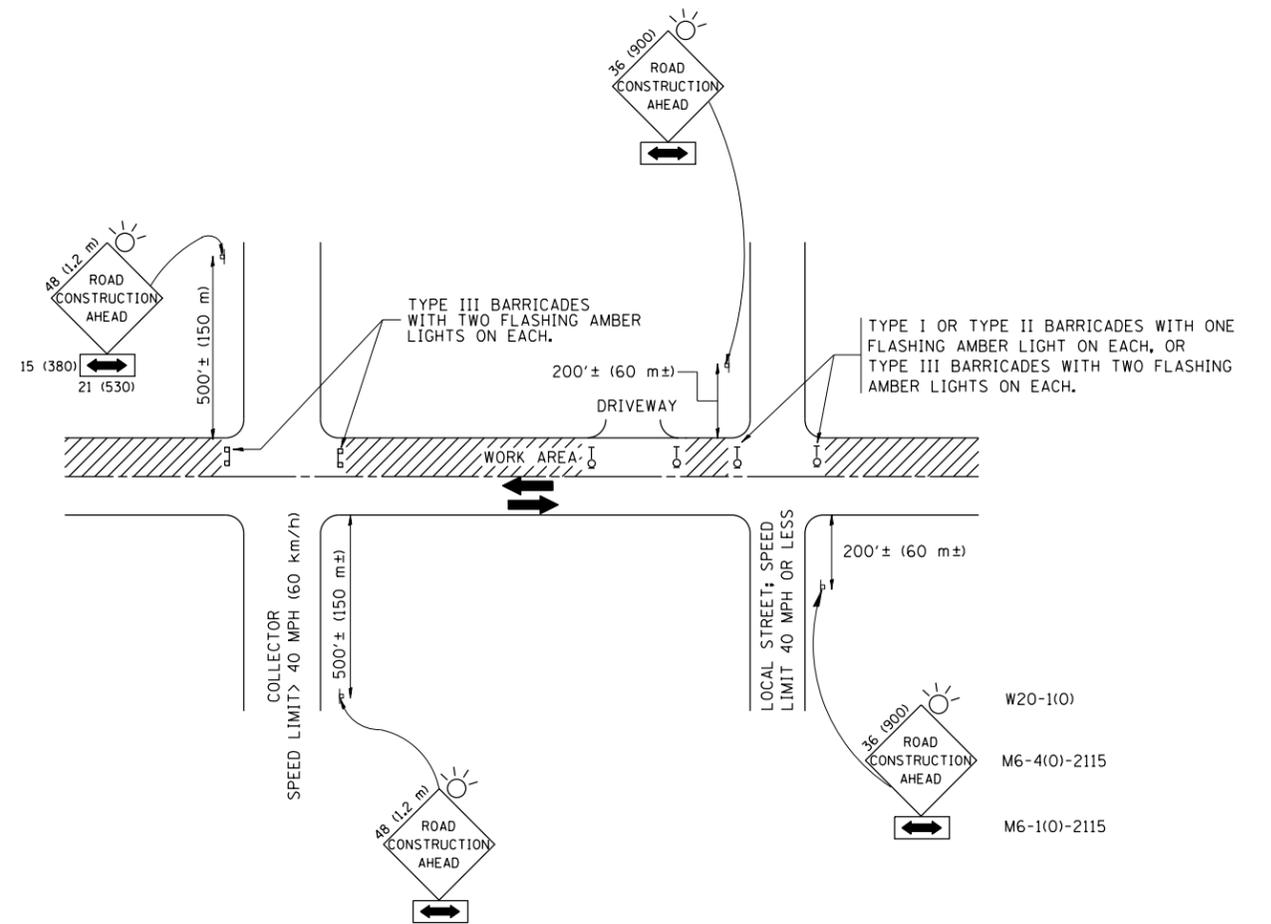
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.

HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.



TWO-WAY ROAD

FILE NAME =	USER NAME = shiranisb	DESIGNED - R. BORO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\PI13\DRAWING\Design\DistStd.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					559	581(TS&N)-14	COOK	165	96
PLOT DATE = 12/7/2015	DATE - 08-06-2012	REVISED -	REVISED -		BD 55		CONTRACT NO. 60Y24		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

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 AND FLAG 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. 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).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

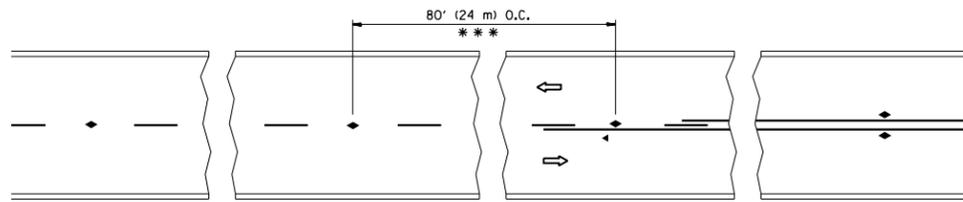
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 12/7/2015	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

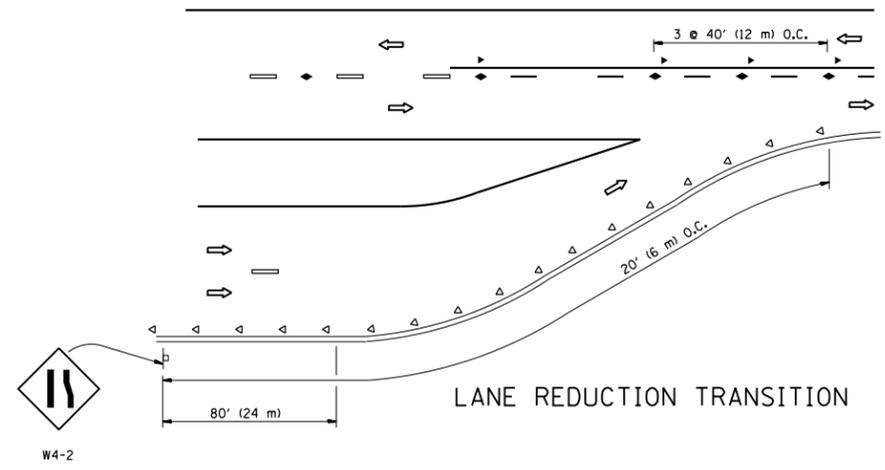
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TC-10			CONTRACT NO. 60Y24	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

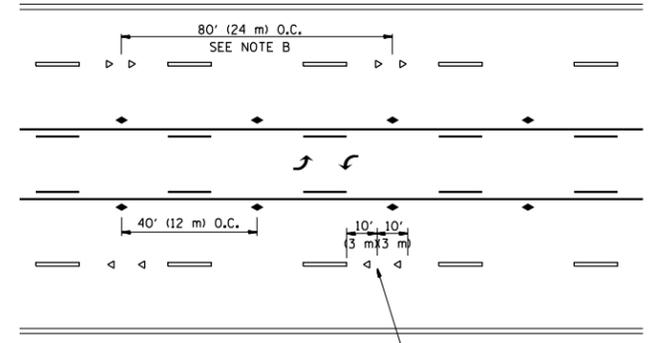


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

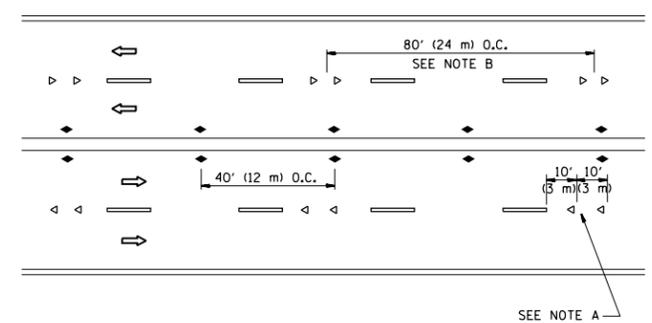
TWO-LANE/TWO-WAY



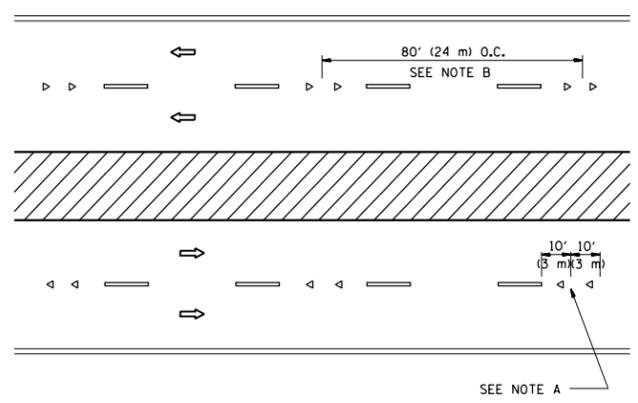
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

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.

SYMBOLS

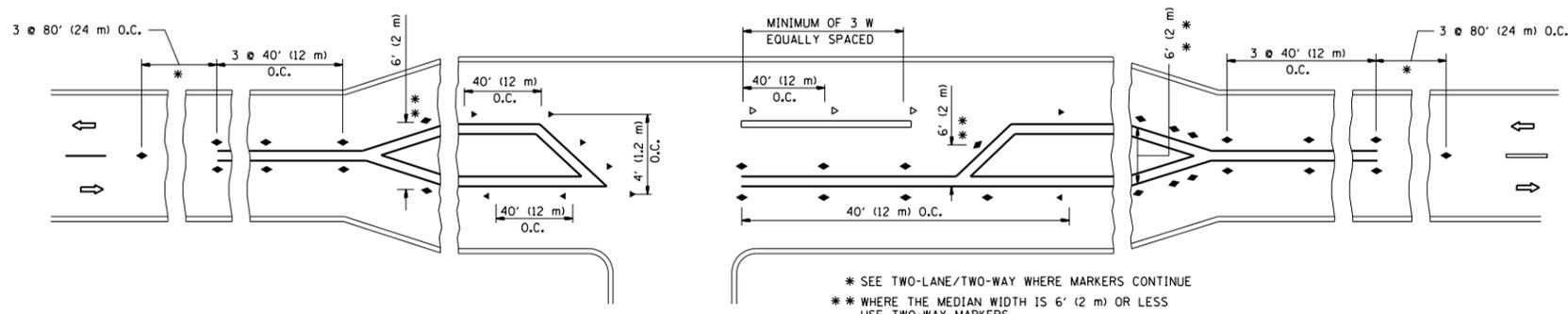
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

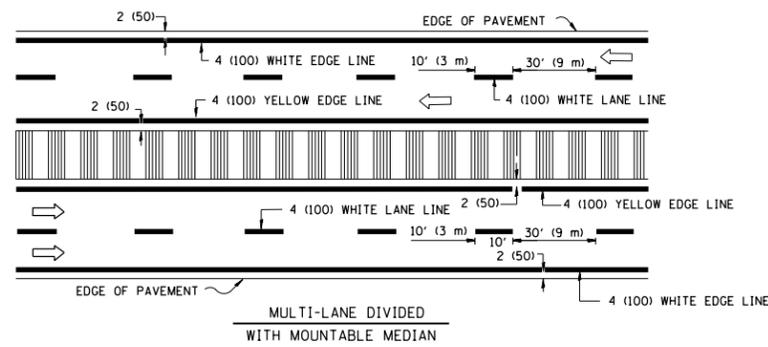
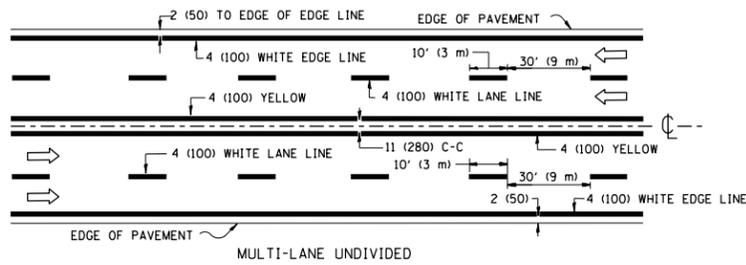
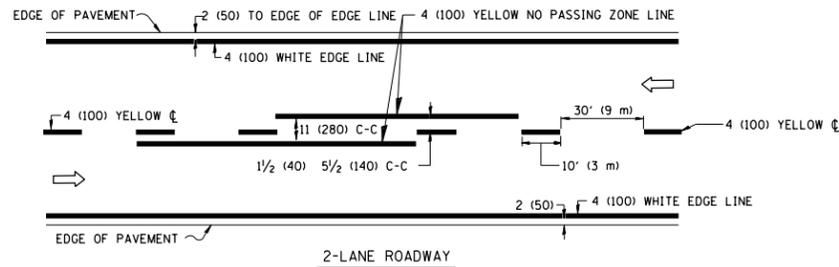


LEFT TURN

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

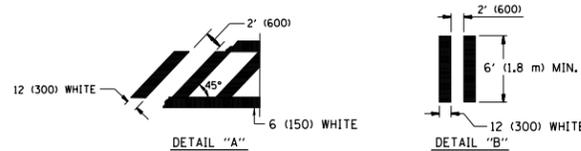
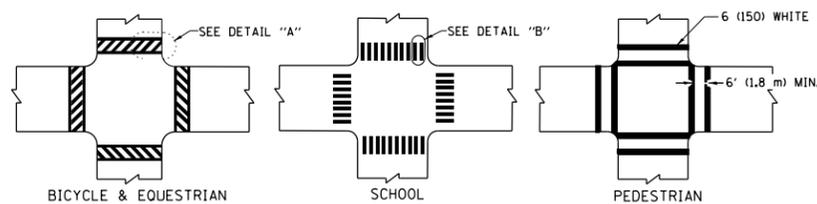
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI1371\Drawings\Design\DistStd.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 03-12-99					559	581(TS&N)-14	COOK	165	98	
	PLOT DATE = 12/7/2015	DATE -	REVISED - T. RAMMACHER 01-06-00		TC-11			CONTRACT NO. 60Y24					
			REVISED - C. JUCIUS 09-09-09		SCALE: NONE			SHEET NO. 1 OF 1 SHEETS			STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

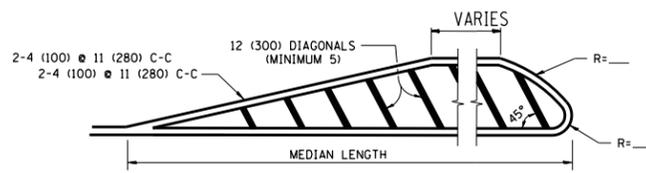
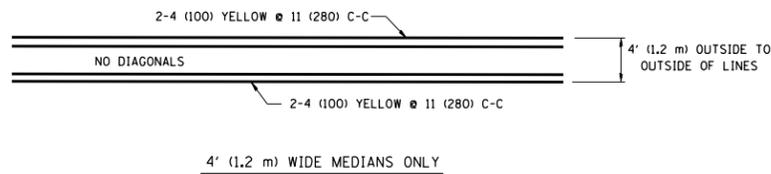


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



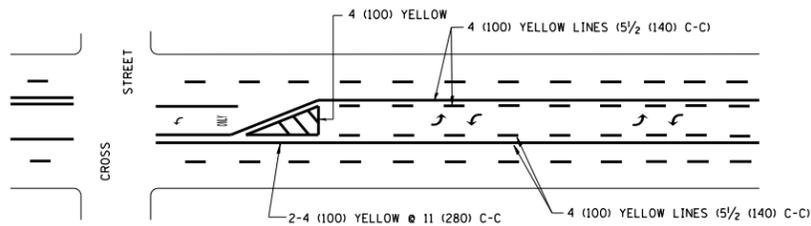
TYPICAL CROSSWALK MARKING



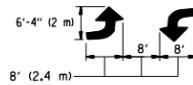
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

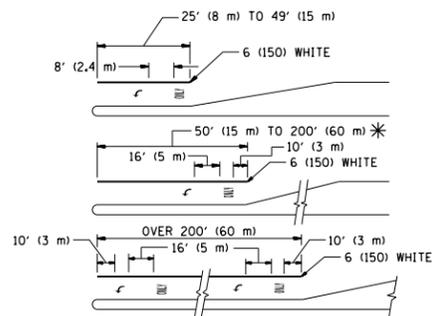


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

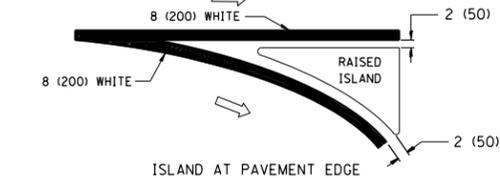
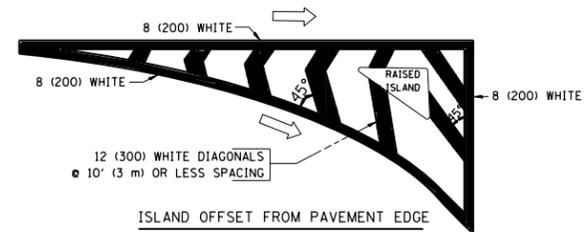


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

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	4 (100)	SOLID	YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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 MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE. SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' (4.5 m) MIN. LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R": 3.6 SQ. FT. (0.33 m ²) EACH "X": 54.0 SQ. FT. (5.0 m ²) EACH
SHOULDER DIAGONALS	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))

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

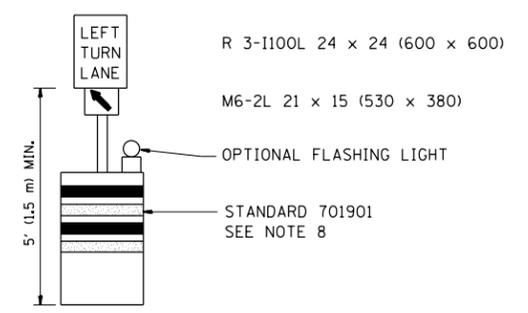
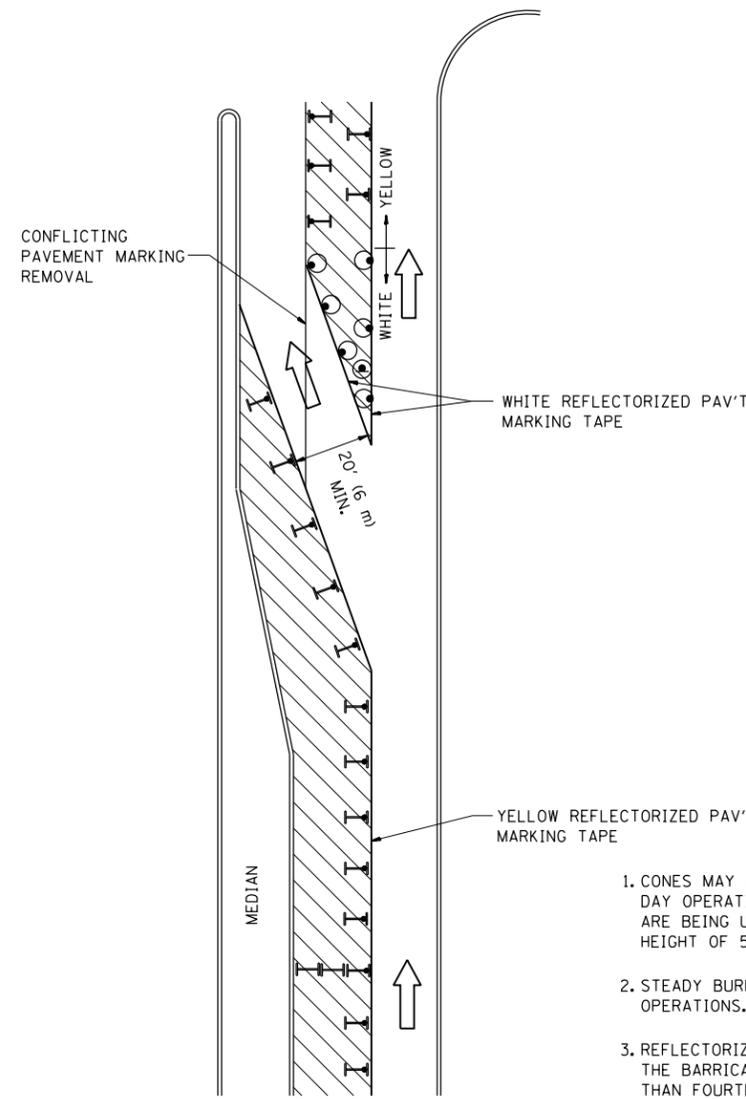
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = shiranisb	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
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		DATE - 03-19-90	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	99
TC-13		CONTRACT NO. 60Y24		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



GENERAL NOTES

1. 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. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. 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" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME =	USER NAME = shiranisb	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
pw\1\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI137\REVISED\Design\HOUSEH\1-07-95		REVISED - A. HOUSEH 10-12-96	REVISED -
PLOT SCALE = 100.0000' / in.		REVISED -T. RAMMACHER 01-06-00	REVISED -
PLOT DATE = 12/7/2015			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	581(TS&N)-14	COOK	165	100
TC-14			CONTRACT NO. 60Y24	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				