

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
LYNN BLVD SHARED-USE PATH
STERLING PARK DISTRICT

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P.A.U. 5548	*	WHITESIDE	30	1
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637

30+4 = 34

DATE	
REVISION	

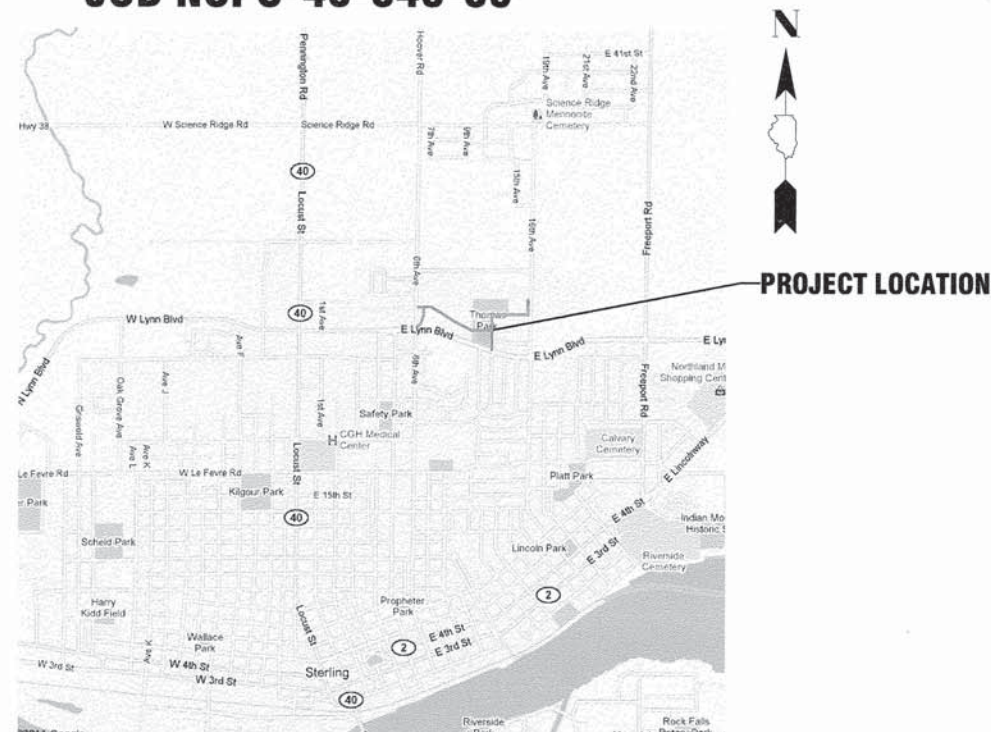
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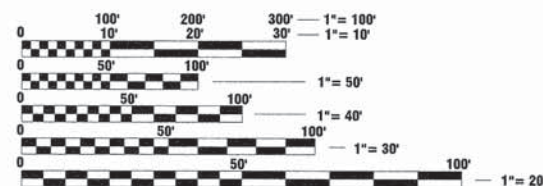
DISTRICT 2 STANDARDS

- 40.1 TRAFFIC CONTROL FOR ROAD CLOSURE
- 41.1 TYPICAL PAVEMENT MARKINGS

SECTION 10-P4000-00-BT
CITY OF STERLING, WHITESIDE COUNTY
PROJECT SRIS-4009(058)
JOB NO. C-40-049-09



LOCATION MAP - STERLING, ILLINOIS
TOTAL LENGTH OF SECTION = 4366 FT (0.83 MI)



THE LOCATIONS OF UTILITY FACILITIES AS SHOWN ON THESE PLANS ARE AN ESTIMATE AND NOT INTENDED AS FIELD LOCATIONS FOR CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITIES PRIOR TO CONSTRUCTION AND CALLING J.U.L.I.E. AT 800-892-0123 FOR CONFIRMATION OF EXISTING UTILITY LOCATIONS.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
CONTRACT NO. 85637

REGISTERED PROFESSIONAL ENGINEER
 DAVID A. WEBER
 062-047743
 STATE OF ILLINOIS
 03/28/2016 DATE
 DAVID A. WEBER
 STERLING, ILLINOIS
 ILLINOIS LICENSED PROFESSIONAL
 ENGINEER NO. 062-047743
 EXPIRES 11-30-2017

STERLING PARK DISTRICT
 APPROVED 3/28 2016
Larry Schult
 STERLING PARK DISTRICT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
 PASSED APRIL 12 2016
Ruthann M. Barath
 DISTRICT 2 IMPLEMENTATION ENGINEER
 LOCAL ROAD AP'S
 RELEASED FOR BID BASED ON LIMITED REVIEW APRIL 12 2016
Paul A. Laitz
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

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OF THE STATE OF ILLINOIS

wendler
 wendler engineering services, inc.
 2100031rc.dwp
 www.wendlerps.com
 Illinois Professional Design Firm No. 184-00848

PLANS FOR PROPOSED
OF
LYNN BLVD SHARED-USE PATH
FOR
STERLING PARK DISTRICT

SHEET TITLE	COVER SHEET
JOB NUMBER	2100031
DATE	03/25/2016
SHEET NO.	1 of 30

ROUTE NO.	SECTION	COUNTY	SHEET	TOTAL
P.A.M. 5548	*	WHITESIDE	30	3
FED. ROAD DIST. NO. 7	ALLIANCE	FED. AID PROJECT-		
* Section 10-P4000-00-BT			Contract #85637	

SCHEDULE OF QUANTITIES

25100630	EROSION CONTROL BLANKET	SQ YD
	STA. 1+60	185
	TOTAL	185
28000305	TEMPORARY DITCH CHECKS	FOOT
	LT. STA. 11+25	6
	LT. STA. 13+50	6
	LT. STA. 14+50	6
	LT. STA. 15+50	6
	LT. STA. 16+50	6
	RT. & LT. STA. 18+00	12
	RT & LT. STA. 21+00	6
	LT. STA. 22+75	6
	LT. STA. 42+00	6
	TOTAL	60
28000400	PERIMETER EROSION BARRIER	FOOT
	RT. STA. 1+60 - RT. STA. 28+80	2314
	LT. STA. 1+60 - LT. STA. 6+00	452
	RT. STA. 28+90 - LT. STA. 35+25	535
	LT. STA. 28+90 - LT. STA. 42+00	196
	TOTAL	3497
28000500	INLET AND PIPE PROTECTION	EACH
	LT. STA. 10+28	1
	LT. STA. 17+06	1
	RT. STA. 25+50	1
	LT. STA. 25+91	1
	RT. STA. 38+00	1
	RT. STA. 43+25	1
	LT. STA. 47+92	1
	RT. STA. 55+42	1
	TOTAL	8
35101400	AGGREGATE BASE COURSE, TYPE B	TON
	STA. 1+04 - STA. 1+11	2
	STA. 1+11 - STA. 6+10	349
	STA. 10+12 - STA. 10+22	3
	STA. 10+22 - STA. 28+64	1279
	LT. STA. 28+35	20
	STA. 28+59 - STA. 28+67	3
	STA. 28+93 - STA. 29+01	3
	STA. 29+01 - STA. 29+34	21
	STA. 35+07 - STA. 46+25	776
	LT. STA. 46+04	3
	STA. 46+25 - STA. 46+35	3
	STA. 46+50-PATCH	5
	STA. 46+50	19
	STA. 46+68 - STA. 48+36	29
	STA. 48+50-PATCH	3
	STA. 48+50	13
	STA. 48+64 - STA. 49+35	31
	STA. 49+68-PATCH	7
	STA. 49+68	30
	STA. 49+97 - STA. 51+05	18
	STA. 55+03 - STA. 55+13	4
	STA. 55+13 - STA. 57+78	184
	STA. 57+96-PATCH	8
	INTERSECTION OF 6TH AVE & 25TH ST (SW)	1
	INTERSECTION OF 12TH AVE & LYNN BLVD. (SW)	10
	INTERSECTION OF 16TH AVE & 25TH ST (SW)	1
	INTERSECTION OF 6TH AVE & 25TH ST	35
	INTERSECTION OF 12TH AVE & LYNN BLVD.	65
	INTERSECTION OF 16TH AVE & 25TH ST	104
	TOTAL	3029

40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND
	STA. 1+11 - STA. 6+10	1646
	STA. 10+22 - STA. 28+67	6024
	STA. 29+01 - STA. 29+34	97
	STA. 35+07 - STA. 46+25	3656
	STA. 46+50	18
	STA. 48+50	13
	STA. 49+70	24
	STA. 55+13 - STA. 57+78	867
	STA. 57+95	10
	INTERSECTION OF 6TH AVE & 25TH ST	137
	INTERSECTION OF 16TH AVE & 25TH ST	410
	TOTAL	12902
40603415	HOT-MIX ASPHALT SURFACE COURSE, IL-9-SFG, N50	TON
	STA. 1+11 - STA. 6+10	64
	STA. 10+22 - STA. 28+67	235
	STA. 29+01 - STA. 29+34	4
	STA. 35+07 - STA. 46+25	143
	STA. 46+50	1.5
	STA. 48+50	1
	STA. 49+70	2.1
	STA. 55+13 - STA. 57+78	34
	STA. 57+95	1
	INTERSECTION OF 6TH AVE & 25TH ST	11
	INTERSECTION OF 16TH AVE & 25TH ST	32
	TOTAL	528.6
42000201	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SQ YD
	INTERSECTION OF 12TH AVE & LYNN BLVD.	87
	TOTAL	87
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD
	STA. 46+50	50.9
	STA. 48+50	33.9
	STA. 49+70	79.3
	TOTAL	164.1
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT
	STA. 1+04 - STA. 1+11	64
	STA. 10+12 - STA. 10+22	99
	LT. STA. 28+35	711
	STA. 28+59 - STA. 28+67	80
	STA. 28+93 - STA. 29+01	80
	LT. STA. 46+04	117
	STA. 46+25 - STA. 46+35	96
	STA. 46+68 - STA. 48+36	1026
	STA. 48+64 - STA. 49+45	1102
	STA. 49+97 - STA. 51+05	648
	STA. 55+03 - STA. 55+13	153
	STA. 57+96	245
	INTERSECTION OF SCHOOL ENTRANCE #4-NW QUAD	57
	INTERSECTION OF 6TH AVE & 25TH ST	43
	INTERSECTION OF 12TH AVE & LYNN BLVD.-NW QUAD	141
	INTERSECTION OF 12TH AVE & LYNN BLVD.-NE QUAD	223
	INTERSECTION OF 16TH AVE & 25TH ST-SW QUAD	31
	TOTAL	4916
42400800	DETECTABLE WARNINGS	SQ FT
	STA. 1+04	20
	STA. 10+13	20
	STA. 46+35	20
	STA. 46+72	22
	STA. 48+36	12
	STA. 48+69	12
	STA. 49+40	26
	STA. 50+03	34
	STA. 55+00	20
	STA. 57+95	22
	STA. 58+32	10
	INTERSECTION OF 6TH AVE & 25TH ST	8
	INTERSECTION OF 12TH AVE & LYNN BLVD.-NW QUAD	10
	INTERSECTION OF 12TH AVE & LYNN BLVD.-NE QUAD	10
	INTERSECTION OF 16TH AVE & 25TH ST-SW QUAD	10
	TOTAL	256

44000100	PAVEMENT REMOVAL	SQ YD
	STA. 46+50	7
	STA. 48+50	4
	STA. 49+70	9
	STA. 57+95	4
	INTERSECTION OF 6TH AVE & 25TH ST	47
	INTERSECTION OF 12TH AVE & LYNN BLVD.	87
	INTERSECTION OF 16TH AVE & 25TH ST	139
	TOTAL	297
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD
	STA. 46+50	50.9
	STA. 48+50	33.9
	STA. 49+70	79.3
	STA. 57+95	4
	TOTAL	168.1
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT
	STA. 46+35	25
	STA. 46+65	30
	STA. 48+42	16
	STA. 48+61	28
	STA. 49+48	31
	STA. 49+92	38
	STA. 57+95	31
	INTERSECTION OF 6TH AVE & 25TH ST	36
	INTERSECTION OF 12TH AVE & LYNN BLVD.	24
	INTERSECTION OF 16TH AVE & 25TH ST	54
	TOTAL	313
44000600	SIDEWALK REMOVAL	SQ FT
	STA. 46+25	325
	STA. 46+65 - STA. 48+42	1027
	STA. 48+60 - STA. 49+48	1162
	STA. 49+92 - STA. 51+11	562
	STA. 55+00 - STA. 57+96	1453
	INTERSECTION OF 6TH AVE & 25TH ST	54
	INTERSECTION OF 12TH AVE & LYNN BLVD.	199
	INTERSECTION OF 16TH AVE & 25TH ST	31
	TOTAL	4813
542C8393	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 108"	FOOT
	STA. 1+59	46
	TOTAL	46
54214503	PRECAST REINFORCED CONCRETE FLARED END SECTION, EQUIVALENT ROUND-SIZE 18"	EACH
	LT. STA. 17+06	1
	RT. STA. 16+71	1
	TOTAL	2
542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT
	LT. STA. 17+06 - RT. STA. 16+71	46
	TOTAL	46
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT
	LT. STA. 25+91 - RT. STA. 25+27	111
	RT. STA. 38+00 - LT. STA. 37+81	84
	TOTAL	195
56109210	WATER VALVES TO BE ADJUSTED	EACH
	INTERSECTION OF 12TH AVE & LYNN BLVD.	1
	INTERSECTION OF 16TH AVE & 25TH ST	2
	TOTAL	3

60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH
	LT. STA. 25+91	1
	RT. STA. 25+50	1
	RT. STA. 38+00	1
	TOTAL	3
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT
	STA. 46+35	25
	STA. 46+65	30
	STA. 48+42	16
	STA. 48+61	28
	STA. 49+48	31
	STA. 49+92	38
	STA. 57+95	31
	INTERSECTION OF 6TH AVE & 25TH ST	36
	INTERSECTION OF 12TH AVE & LYNN BLVD.	24
	INTERSECTION OF 16TH AVE & 25TH ST	54
	TOTAL	313
72000100	SIGN PANEL - TYPE 1	SQ FT
	LT. STA. 1+10 - STOP	2.25
	RT. STA. 1+28 - BIKE ROUTE	3
	LT. STA. 1+67 - STOP AHEAD	2.25
	LT. STA. 2+25 - BIKE ROUTE	3
	LT. STA. 2+25 - ENDS	0.5
	RT. STA. 5+00 - BIKE ROUTE	3
	RT. STA. 5+00 - ARROW	0.75
	RT. STA. 5+50 - STOP AHEAD	2.25
	RT. STA. 6+00 - STOP	2.25
	LT. STA. 10+17 - STOP	2.25
	LT. STA. 10+60 - STOP AHEAD	2.25
	LT. STA. 11+10 - BIKE ROUTE	3
	LT. STA. 11+10 - ARROW	0.75
	RT. STA. 28+25 - BIKE ROUTE	3
	RT. STA. 28+25 - ARROW	0.75
	RT. STA. 28+60 - STOP AHEAD	2.25
	RT. STA. 29+25 - STOP AHEAD	2.25
	LT. STA. 35+16 - STOP	2.25
	RT. STA. 35+25 - BIKE ROUTE	3
	LT. STA. 35+75 - STOP AHEAD	2.25
	LT. STA. 36+00 - BIKE ROUTE	3
	LT. STA. 36+00 - ENDS	0.5
	RT. STA. 45+50 - STOP AHEAD	2.25
	RT. STA. 46+00 - STOP	2.25
	RT. STA. 46+00 - DISMOUNT BIKE	1.5
	LT. STA. 55+14 - STOP	2.25
	LT. STA. 55+64 - STOP AHEAD	2.25
	RT. STA. 57+38 - STOP AHEAD	2.25
	RT. STA. 57+88 - STOP	2.25
	TOTAL	61.75

72900100	METAL POST - TYPE A	FOOT
	LT. STA. 1+10 - STOP	12
	RT. STA. 1+28 - BIKE ROUTE	12
	LT. STA. 1+67 - STOP AHEAD	12
	LT. STA. 2+25 - BIKE ROUTE/END	12
	RT. STA. 5+00 - BIKE ROUTE/ARROW	12
	RT. STA. 5+50 - STOP AHEAD	12
	RT. STA. 6+00 - STOP	12
	LT. STA. 10+17 - STOP	12
	LT. STA. 10+60 - STOP AHEAD	12
	LT. STA. 11+10 - BIKE ROUTE/ARROW	12
	RT. STA. 28+25 - BIKE ROUTE/ARROW	12
	RT. STA. 28+60 - STOP AHEAD	12
	RT. STA. 29+25 - STOP	12
	LT. STA. 35+16 - STOP	12
	RT. STA. 35+25 - BIKE ROUTE	12
	LT. STA. 35+75 - STOP AHEAD	12
	LT. STA. 36+00 - BIKE ROUTE/END	12
	RT. STA. 45+50 - STOP AHEAD	12
	RT. STA. 46+00 - STOP	12
	RT. STA. 46+00 - DISMOUNT BIKE	12
	LT. STA. 55+14 - STOP	12
	LT. STA. 55+64 - STOP AHEAD	12
	RT. STA. 57+38 - STOP AHEAD	12
	RT. STA. 57+88 - STOP	12
	TOTAL	288
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT
	STA. 1+00 - STA. 6+15-YELLOW	515
	STA. 10+12 - STA. 29+39-YELLOW	1927
	STA. 35+13 - STA. 46+25-YELLOW	1112
	STA. 55+13 - STA. 57+78-YELLOW	265
	TOTAL	3819
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT
	INTERSECTION OF 12TH AVE & LYNN BLVD.-WHITE	64
	INTERSECTION OF 16TH AVE & 25TH ST	73
	STA. 58+00	70
	TOTAL	207
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT
	INTERSECTION OF 6TH AVE & 25TH ST-WHITE	72
	TOTAL	72
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT
	INTERSECTION OF 12TH AVE & LYNN BLVD.-WHITE	14
	INTERSECTION OF 16TH AVE & 25TH ST	16
	TOTAL	30
XX006174	PEDESTRIAN BRIDGE REMOVAL	EACH
	STA. 28+85	1
	TOTAL	1
XX007455	PRE-ENGINEERED STEEL TRUSS PEDESTRIAN BRIDGE	LSUM
	STA. 28+85	1
	TOTAL	1
X2500920	SEEDING, CLASS 1A (SPECIAL)	ACRE
	SEGMENT #1	0.3
	SEGMENT #2	1.1
	SEGMENT #3	1
	SEGMENT #4	0.2
	TOTAL	2.6

GENERAL NOTES

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 5548	*	WHITESIDE	30	4
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637

- EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- BEFORE ORDERING PIPE, THE CONTRACTOR SHALL FIELD VERIFY FOR EXACT LENGTHS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF OVERHEAD HIGH VOLTAGE POWER LINES WHICH MAY IMPACT CONTRACTORS OPERATIONS.
- UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A JOINT.
- THE NEW MANHOLE LIDS ON THIS PROJECT SHALL HAVE THE WORD "STORM", "SANITARY", OR "WATER" ON THE LID. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE WORD TO BE USED ON OTHER LIDS NOT NOTED ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.
- ALL PROPOSED INLETS AND CATCH BASINS ON THIS PROJECT SHALL BE CAST IN PLACE OR PRECAST, UNLESS APPROVED OTHERWISE BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR INLET OF THE TYPE AND SIZE SPECIFIED.
- THE CONTRACTOR SHALL DETERMINE FLOWLINES OF EXISTING UTILITY LINES. THIS INFORMATION IS NECESSARY BEFORE ORDERING INLETS AND CATCH BASINS.
- THE FINAL TOP FOUR INCHES OF SOIL IN ANY RIGHT OF WAY AREA DISTURBED BY THE CONTRACTOR MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION. COHESIVE SOIL SHALL BE DEFINED AS ANY SOIL WHICH CONTAINS GREATER THAN 10% PARTICLES BY WEIGHT PASSING THE #200 SIEVE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.
- THE CONTRACTOR SHALL BE REQUIRED TO CAREFULLY REMOVE AND REINSTALL ANY MAILBOXES OR SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.
- ALL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM EARTH EXCAVATION.
- THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

ITEM	AMOUNT	UNIT
GRANULAR MATERIALS	2.25	TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT) ON AGGREGATE BASES	0.375	GAL/SQ YD
BITUMINOUS MATERIALS (PRIME COAT) FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.08	GAL/SQ YD
BITUMINOUS MATERIALS (PRIME COAT)	7.85	LBS/GAL
AGGREGATE PRIME COAT	0.002	TONS/SQ YD
HMA RESURFACING	115	LBS/SQ YD/IN

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE FOLLOWING IS A LIST OF THE JULIE MEMBERS WITHIN OR ADJACENT TO THE PROJECT CONSTRUCTION LIMITS. PLANS HAVE BEEN SUBMITTED TO UTILITY COMPANIES FOR CONFLICT DETERMINATION.

TELEPHONE: ATT - 630-573-5450
 ELECTRIC: COMED - 630-576-7094
 CABLE: COMCAST - 815-395-8914
 GAS: NICOR - 630-398-2362
 WATER: IL AMERICAN WATER - 815-625-3196
 FIBER: IL FIBER RESOURCES - 815-405-0464 / JEN DOLMAN
 SANITARY/STORM: CITY OF STERLING - 815-632-6657

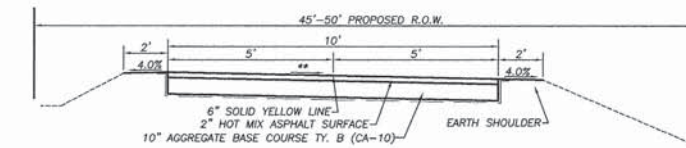
18. THE INFORMATION ABOVE IS PROVIDED FOR THE CONVENIENCE OF THE BIDDER AND REFLECTS THE BEST INFORMATION AVAILABLE AT THE TIME OF PLAN SUBMITTAL.

19. THE CONTRACTOR SHALL GIVE DUE CONSIDERATION TO ALL SAFETY RULES DICTATED BY CODE AND GOOD PRACTICE. ADEQUATE TEMPORARY SUPPORT SHALL BE PROVIDED WHERE NECESSARY TO ENSURE THE STABILITY OF ALL COMPONENTS OF ADJACENT STRUCTURES, ROADWAYS, UTILITIES AND ALL PROPOSED CONSTRUCTION. DESIGN AND CONSTRUCTION OF SUPPORT SYSTEMS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND RESPECTIVE TRADE CONTRACTOR.

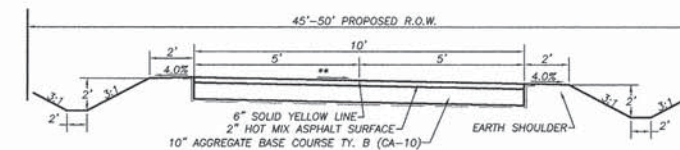
20. ALL FRAME ADJUSTMENTS SHALL BE ACCOMPLISHED USING PROCEDURES OUTLINED IN THE STANDARD SPECIFICATIONS AND AS DIRECTED IN THE SPECIAL PROVISIONS. ANY SHIMS NEEDED TO ADJUST ANY FRAME SHALL BE OF SOLID FLAT STEEL DIMENSIONS OF 2" IN WIDTH & LENGTH WITH UNIFORM THICKNESS. THE FRAME WILL BE SET TO GRADE USING STEEL SHIMS AND WITHOUT DISTURBING THE ADJUSTMENT; THE FRAME WILL THEN BE LIFTED OFF AND SET ASIDE. A FULL BED OF MORTAR WILL BE PLACED ON THE STRUCTURE BETWEEN THE ADJUSTING SHIMS, WHICH SHALL FORM A SOLID MASONRY BOND BETWEEN THE ADJUSTING RING OR STRUCTURE. THE FRAME SHALL BE SET BACK INTO PLACE IN A METHOD NOT TO DISTURB THE SHIMS OR DAMAGE THE BED OF MORTAR. ALL ADJUSTED FRAMES IN THE ROADWAY SHALL BE BACKFILLED USING COMPACTED HMA BINDER OR CLASS SI CONCRETE TO A MINIMUM DEPTH OF 6" BELOW THE BOTTOM OF THE FRAME.

21. FOR GAS VALVE ADJUSTMENTS, CONTACT TOM ANDREWS, SCHEDULER WITH NICOR AT 630-918-0897, A MINIMUM OF 2 WEEKS PRIOR TO FIELD WORK.

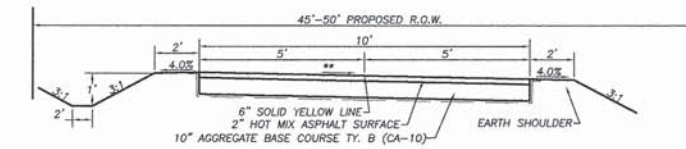
	HMA SURFACE
PG GRADE	PG64-22
DESIGN AIR VOIDS	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5F6
FRICTION AGGREGATE	MIXTURE C
DENSITY METHOD	QC/QA



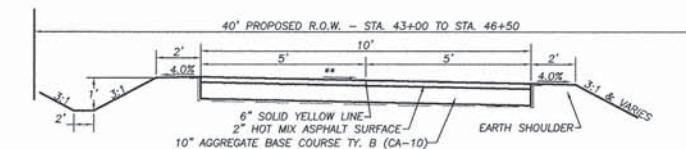
PROPOSED PATH SECTION
 STA. 1+10.82 TO STA. 6+14.75 (SEGMENT 1)
 STA. 10+00 TO STA. 16+75 (SEGMENT 2)



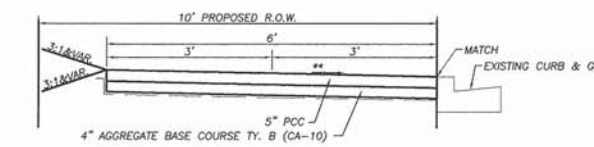
PROPOSED PATH SECTION
 STA. 16+75 TO STA. 24+00 (SEGMENT 2)



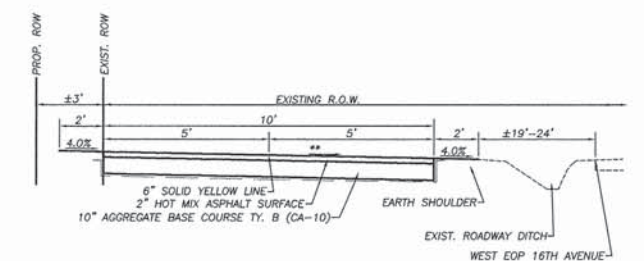
PROPOSED PATH SECTION
 STA. 24+00 TO STA. 29+35.19 (SEGMENT 2)



PROPOSED PATH SECTION
 STA. 35+00 TO STA. 46+50 (SEGMENT 3)



PROPOSED SIDEWALK SECTION
 STA. 46+78 TO STA. 51+15 (SEGMENT 3)

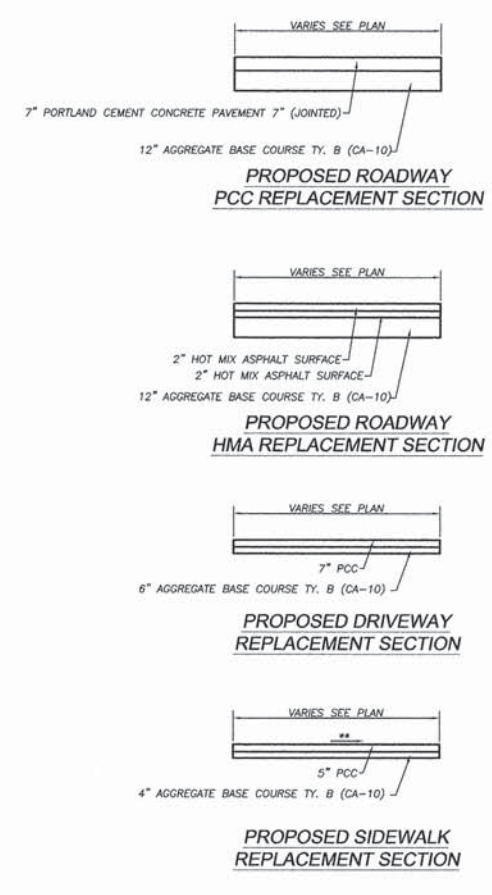
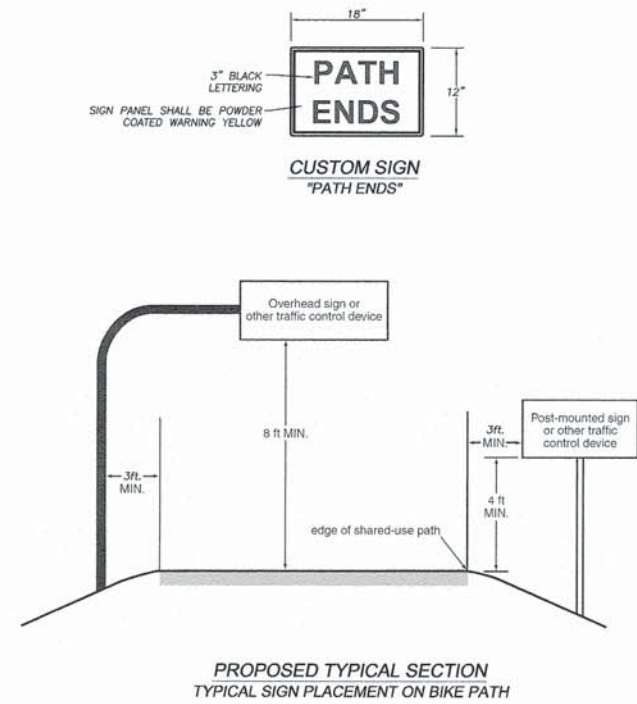


PROPOSED PATH SECTION
 STA. 55+00 TO STA. 57+95.8 (SEGMENT 4)

** ALL CROSS SLOPES SHALL BE 1.5% PREFERRED W/ 2.0% MAXIMUM SEE CROSS SECTIONS FOR DIRECTION OF FLOW

LEGEND

TOPOGRAPHIC	SURVEY
BOUNDARY OF SURVEY	STEEL PIN FOUND
SECTION LINE	STEEL PIN SET
RIGHT OF WAY LINE	SET SURVEY NAIL
CENTERLINE	R.O.W. MARKER
BUILDING SETBACK (BSL)	CHISELED "X"
EASEMENT (UE)	STONE FOUND
GAS MAIN	
WATERMAIN	
OVERHEAD ELECTRIC LINE	
UNDERGROUND ELECTRIC	
OVERHEAD TELEPHONE LINE	
UNDERGROUND TELEPHONE	
DRAIN TILE LINE	
FENCE LINE	
STORM SEWER	
SANITARY SEWER	
CURB AND GUTTER	
DEPRESSED CURB	
EXISTING CONTOUR LINE	
MANHOLE FOR ELECTRIC	
GUY WIRE	
STREET LIGHT	
FIRE HYDRANT	
MANHOLE	
CLEANOUT	
WATER VALVE	
GAS VALVE	
DROP INLET	
INLET	
SIGN	



REVISIONS

NO.	DATE	DESCRIPTION

DESIGNED BY: BCS
 DRAWN BY: BCS
 DRAWING NAME: 2100031.rdw
 DATE PLOTTED: 03/25/2016
 PLOT NO: 1

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PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

SHEET TITLE
GENERAL NOTES & TYP. SECTIONS

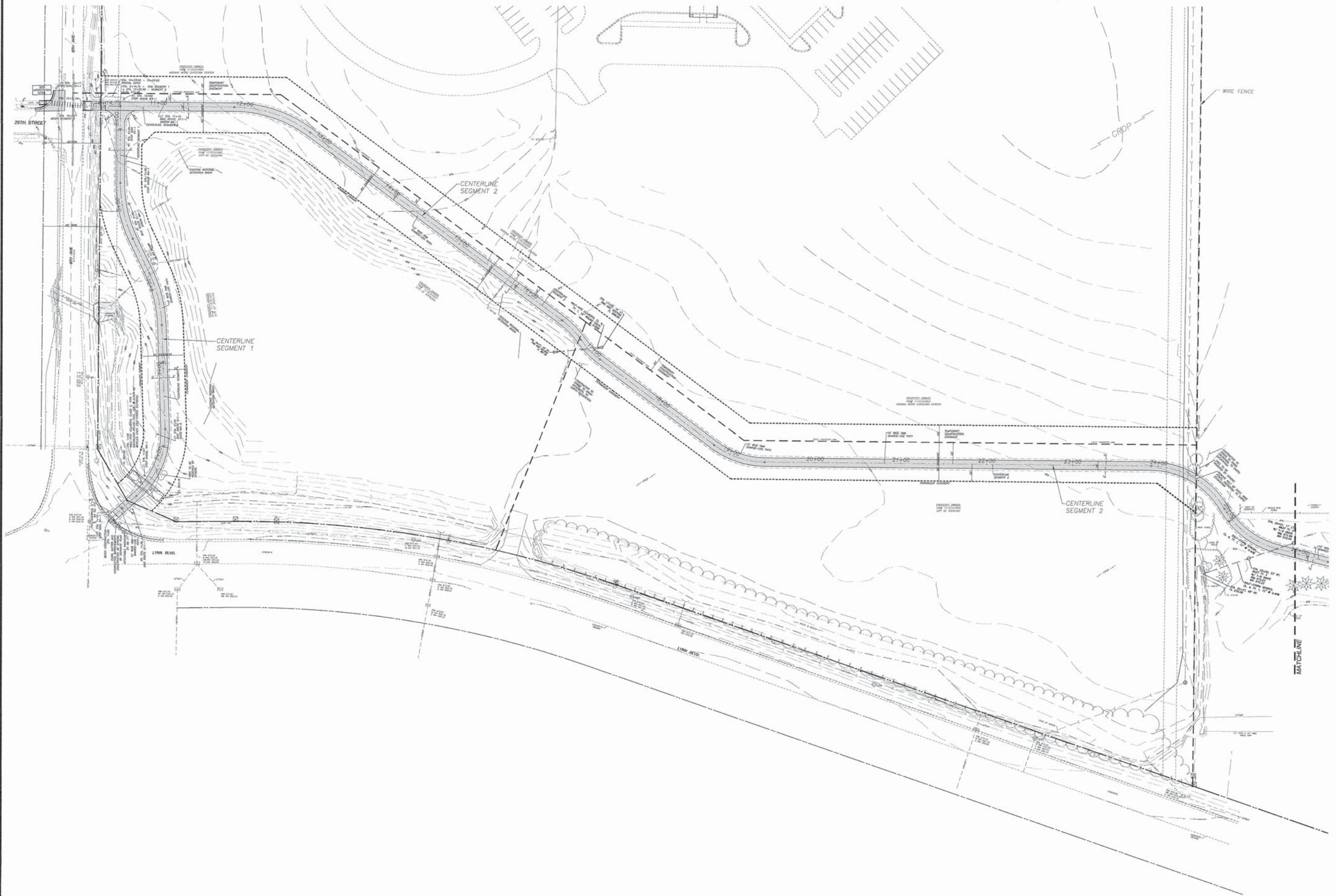
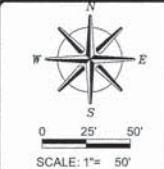
JOB NUMBER
 2100031

DATE
 03/25/2016

SHEET NO.
4 of 30

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.M. 5548	*	WHITESIDE	30	5
FED. ROAD DIST. NO. 7	SLINGS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637



REVISIONS	DATE

DESIGNED BY:	BDS
DRAWN BY:	BDS
DRAWING NAME:	2100031.r.dwg
DATE PLOTTED:	3/25/2016 10:58 AM
SCALE:	1"=50'

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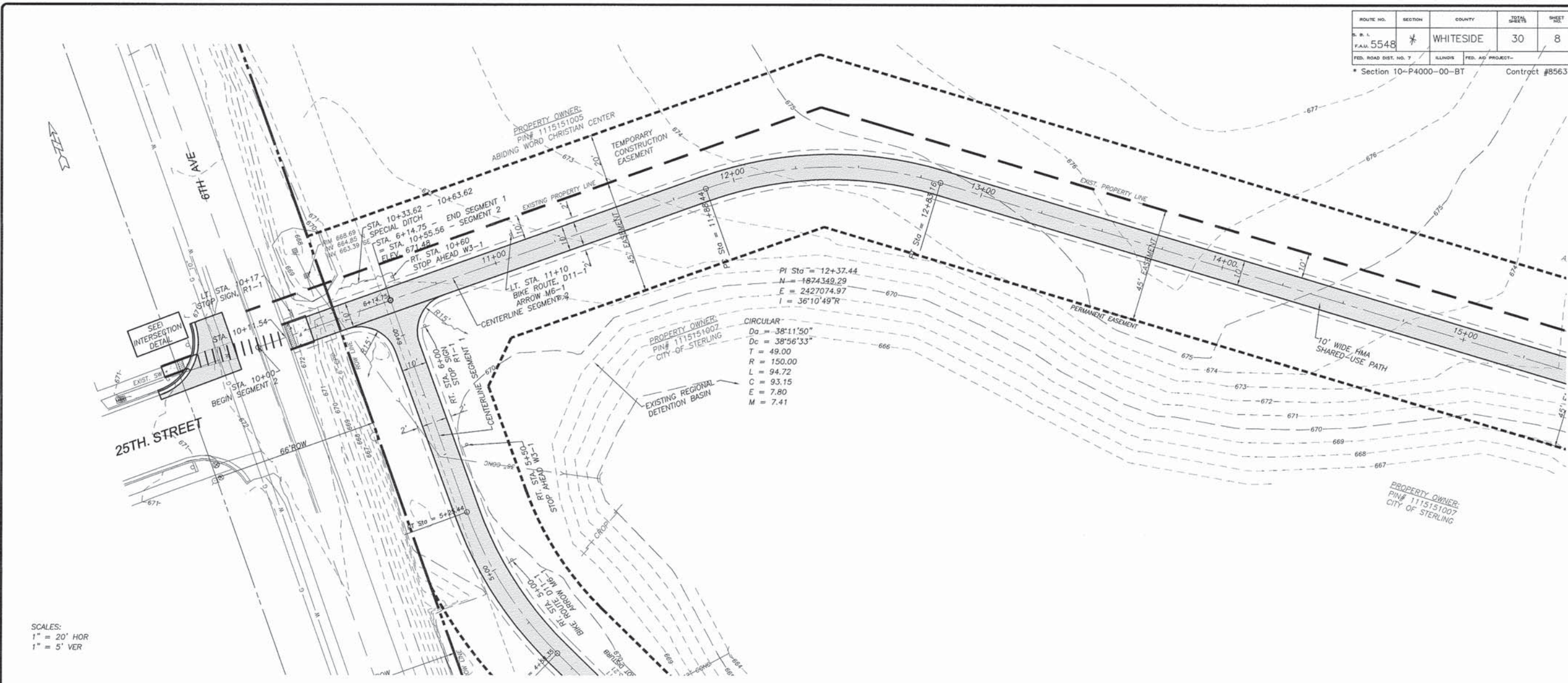
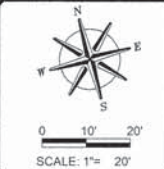
SHEET TITLE
 OVERALL
 PLAN-WEST

JOB NUMBER
 2100031

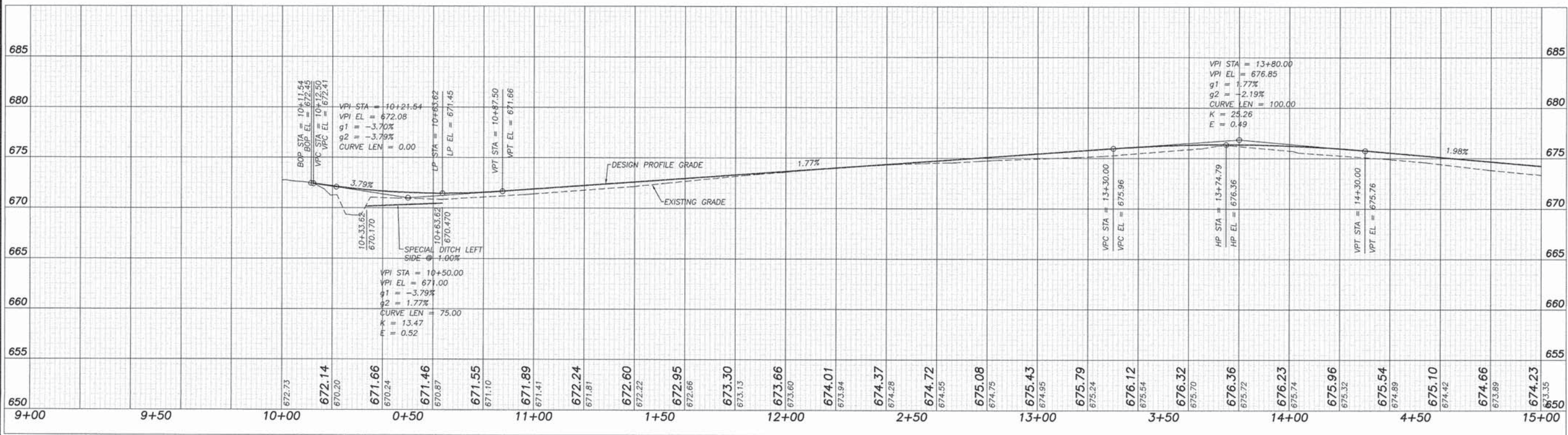
DATE
 03/25/2016

SHEET NO.
 5 of 30

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.W. 5548	*	WHITESIDE	30	8
FED. ROAD DIST. NO. 7	SLINDS	FED. AID PROJECT-		
* Section 10-P4000-00-BT			Contract #85637	



SCALES:
1" = 20' HOR
1" = 5' VER



REVISIONS	DATE

DESIGNED BY:	DAB
DRAWN BY:	BOS
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PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

SHEET TITLE
 PLAN & PROFILE

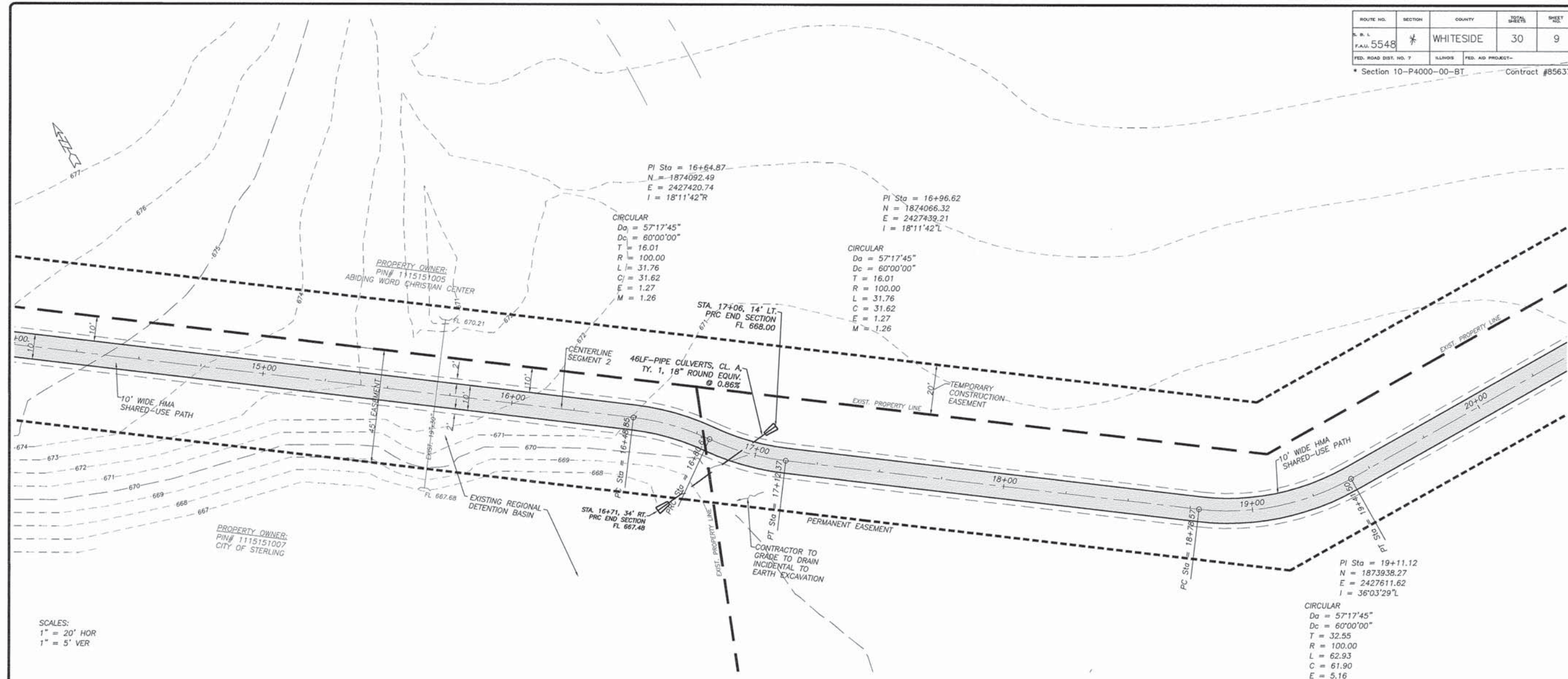
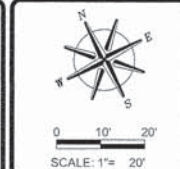
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DATE
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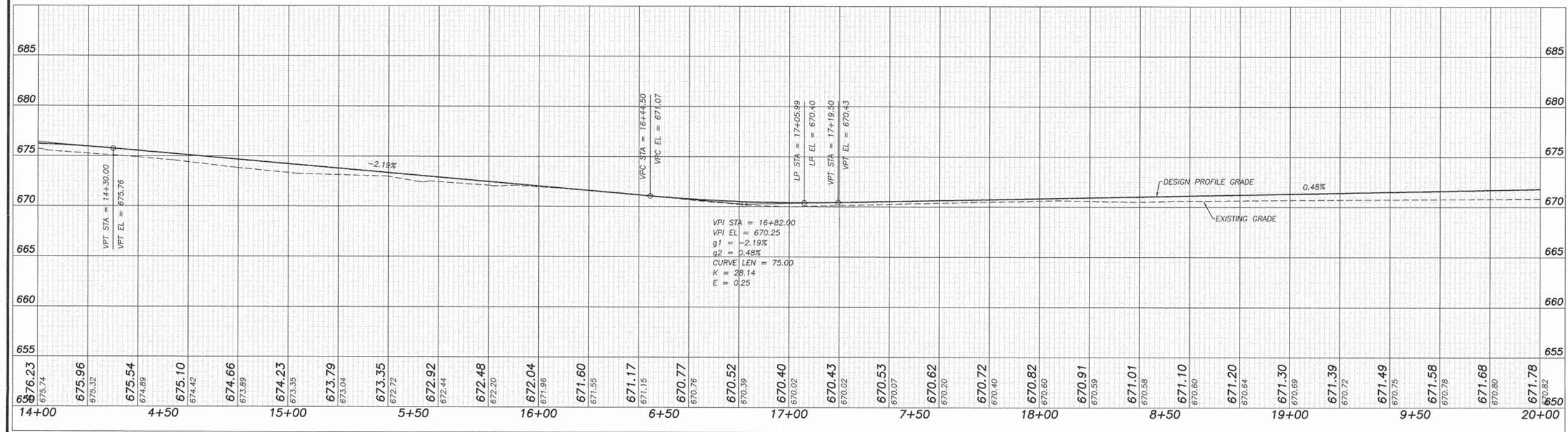
SHEET NO.
 8 of 30

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. R. L.	5548	WHITESIDE	30	9
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637



SCALES:
1" = 20' HOR
1" = 5' VER



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PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

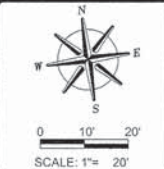
SHEET TITLE
 PLAN & PROFILE

JOB NUMBER
 2100031

DATE
 03/25/2016

SHEET NO.
 9 of 30

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5548	*	WHITESIDE	30	10
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		



REVISIONS	DATE

DESIGNED BY:	DAB
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DATE:	

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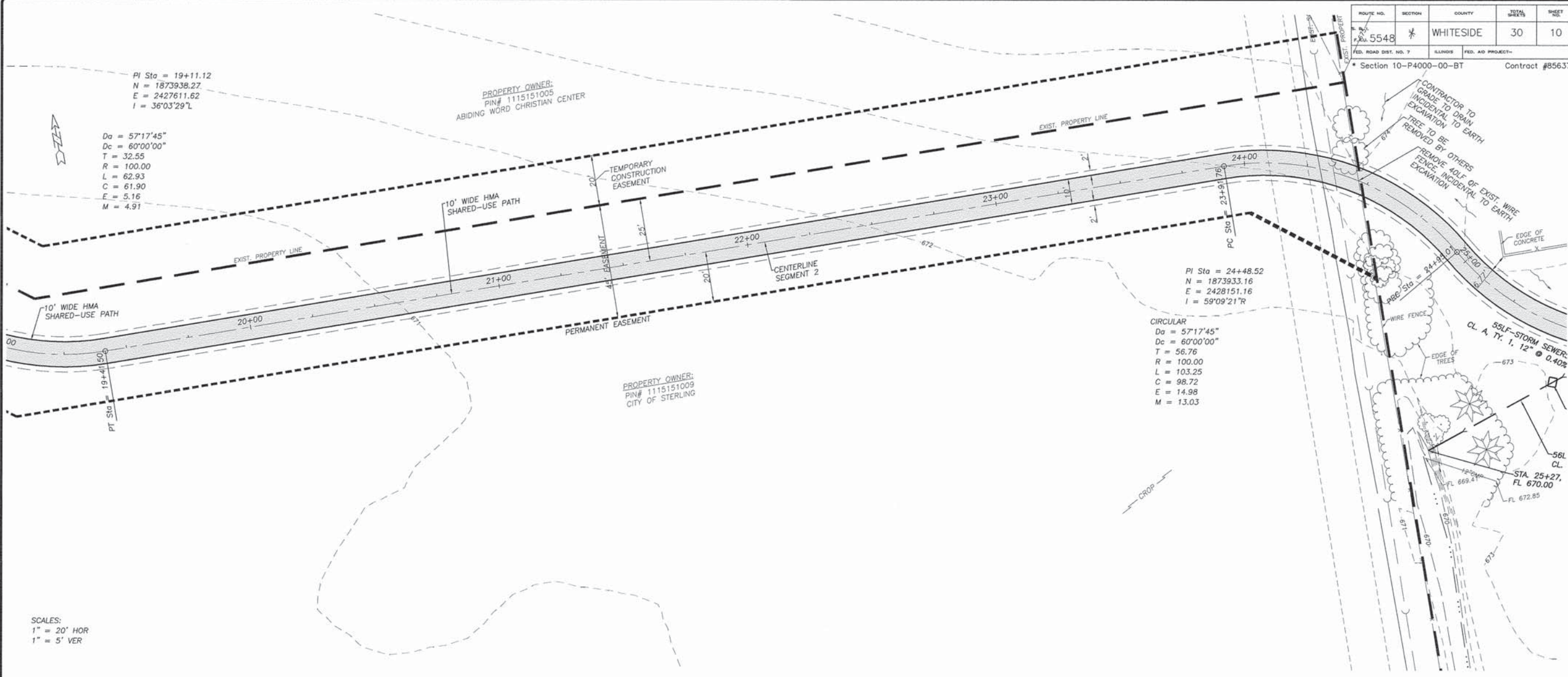
PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

SHEET TITLE
 PLAN & PROFILE

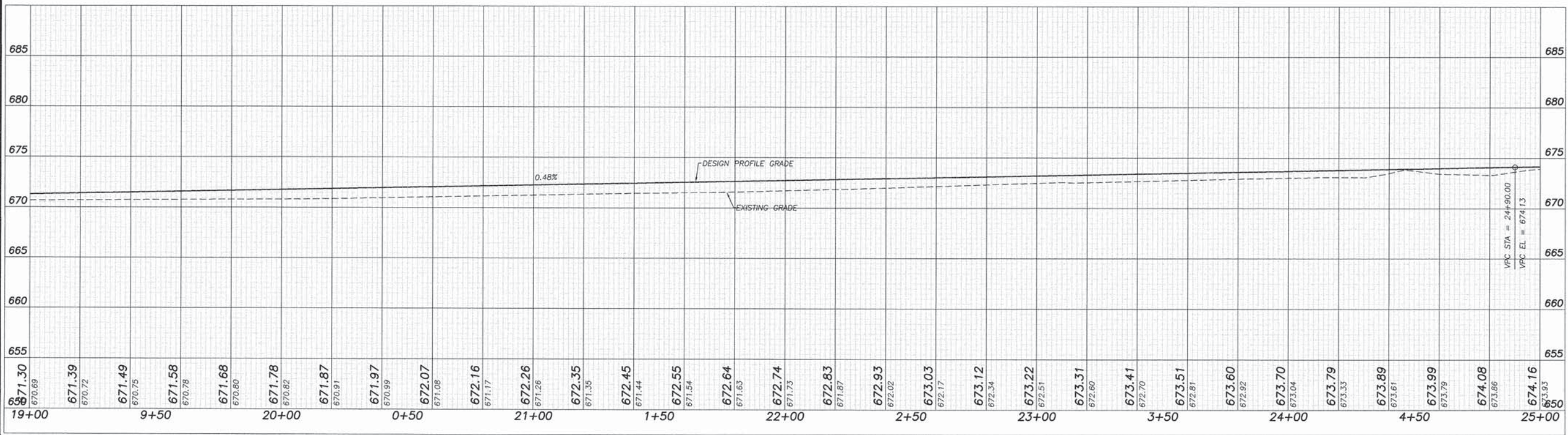
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 2100031

DATE
 03/25/2016

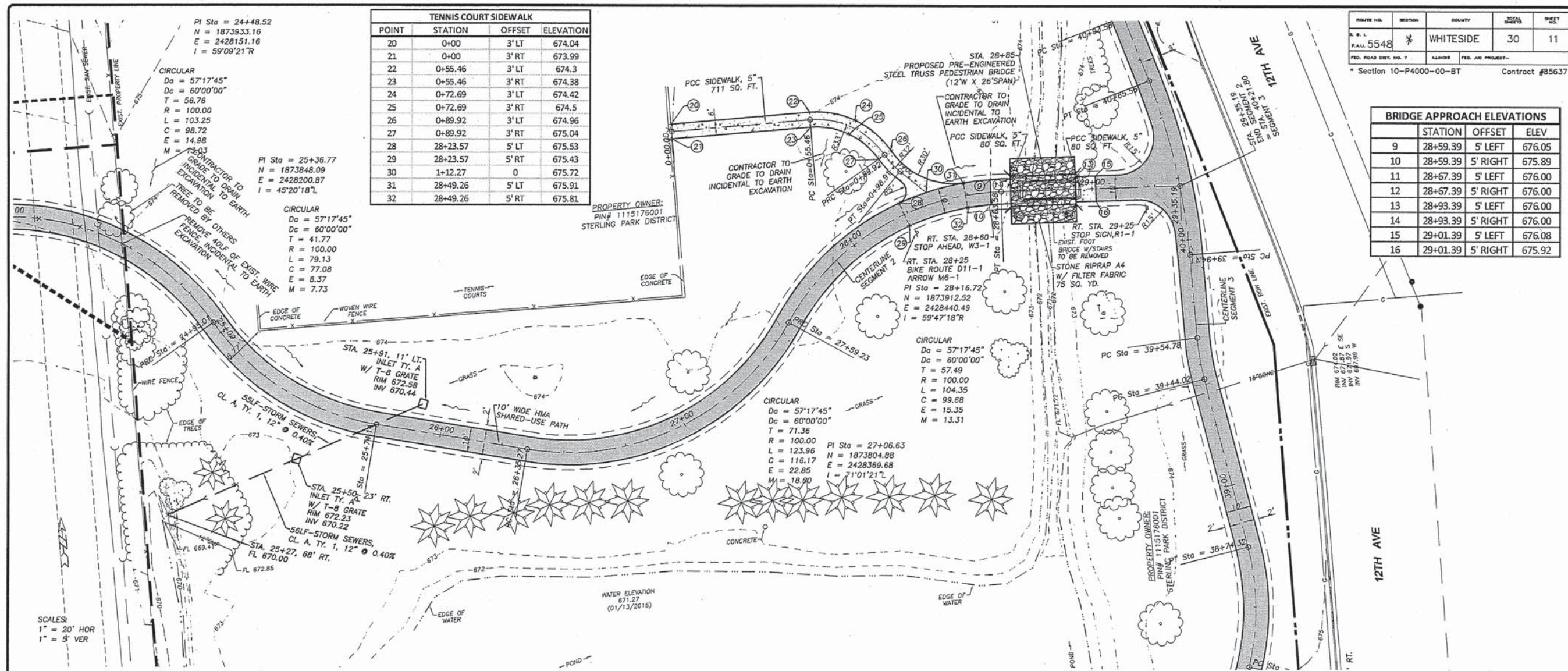
SHEET NO.
 10 of 30



SCALES:
 1" = 20' HOR
 1" = 5' VER



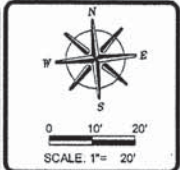
VPC STA = 24+90.00
 VPC EL = 674.13



TENNIS COURT SIDEWALK			
POINT	STATION	OFFSET	ELEVATION
20	0+00	3' LT	674.04
21	0+00	3' RT	673.99
22	0+55.46	3' LT	674.3
23	0+55.46	3' RT	674.38
24	0+72.69	3' LT	674.42
25	0+72.69	3' RT	674.5
26	0+89.92	3' LT	674.96
27	0+89.92	3' RT	675.04
28	28+23.57	5' LT	675.53
29	28+23.57	5' RT	675.43
30	1+12.27	0	675.72
31	28+49.26	5' LT	675.91
32	28+49.26	5' RT	675.81

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A.M. 5548	*	WHITESIDE	30	11
FED. ROAD DIST. NO. 7		ALABAMA	FED. AID PROJECT-	
Section 10-P4000-00-BT			Contract #85637	

BRIDGE APPROACH ELEVATIONS			
STATION	OFFSET	ELEV.	
9	28+59.39	5' LEFT	676.05
10	28+59.39	5' RIGHT	675.89
11	28+67.39	5' LEFT	676.00
12	28+67.39	5' RIGHT	676.00
13	28+93.39	5' LEFT	676.00
14	28+93.39	5' RIGHT	676.00
15	29+01.39	5' LEFT	676.08
16	29+01.39	5' RIGHT	675.92

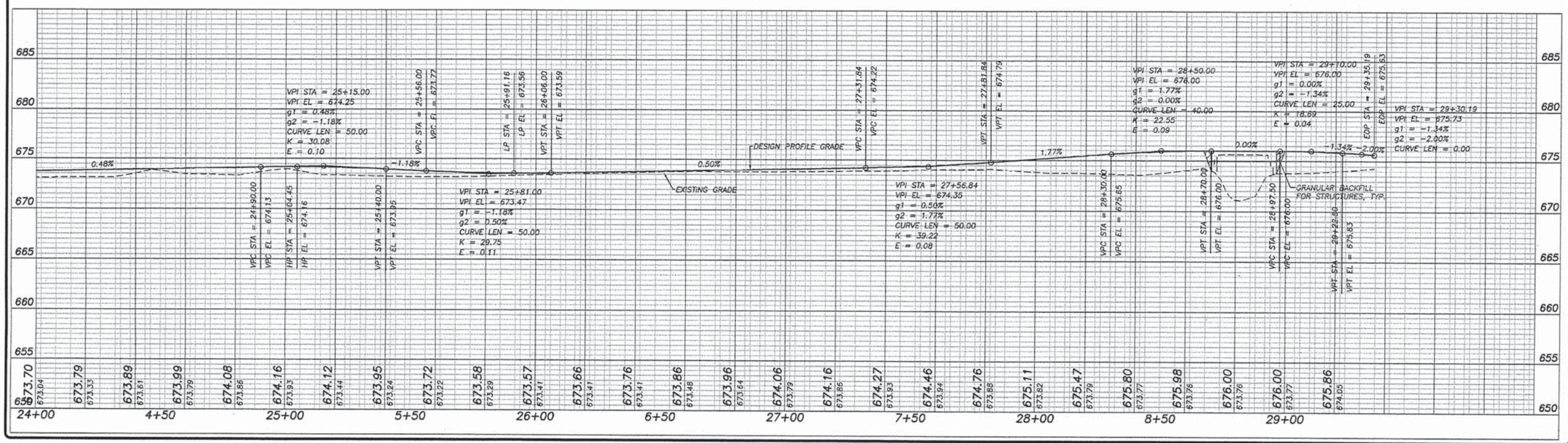


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DATE	DESCRIPTION

DESIGNED BY	DAB
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IN CHARGE	
DATE	03/25/2016

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PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT



SHEET TITLE
 PLAN & PROFILE

JOB NUMBER
 2100031

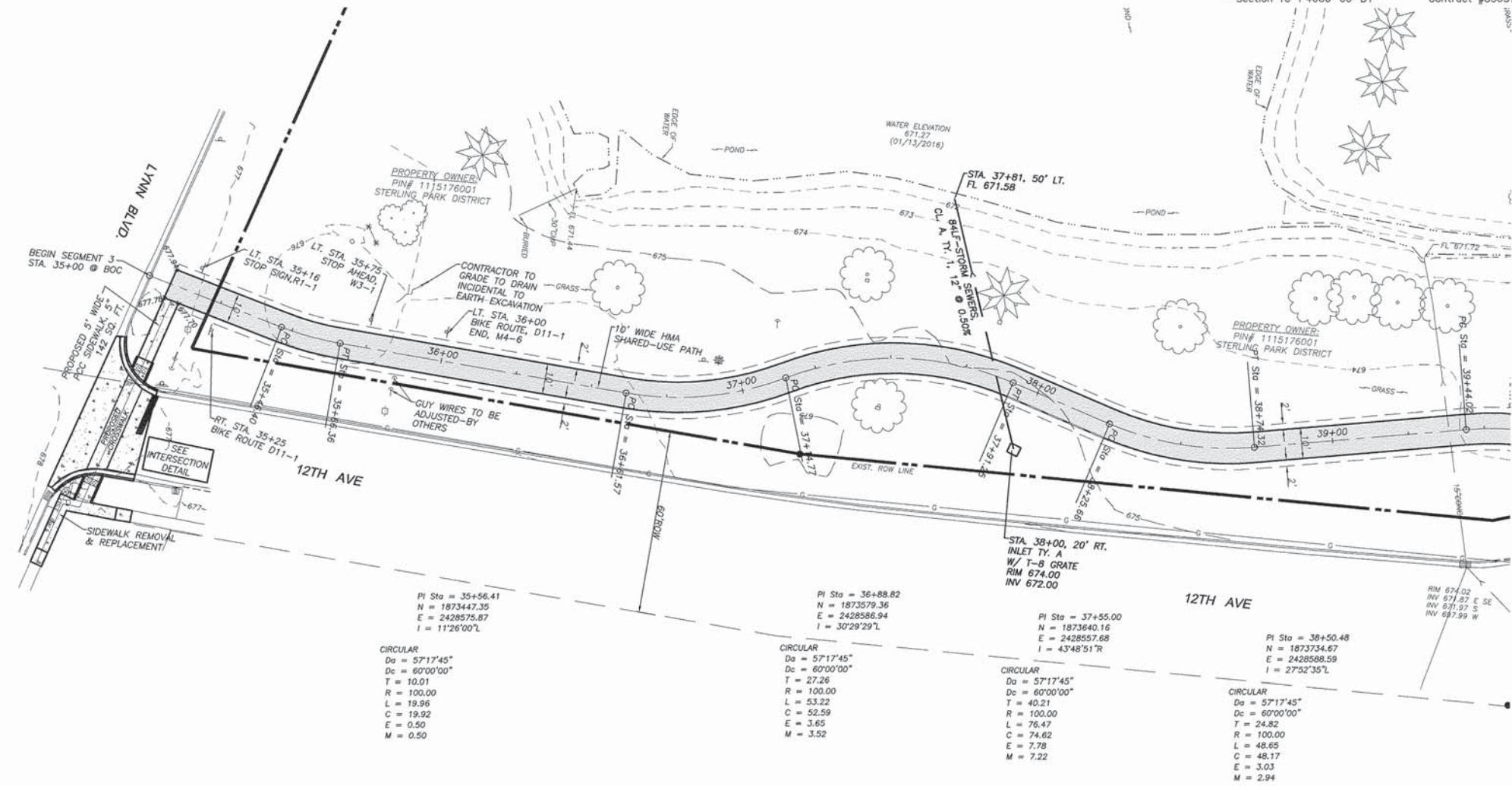
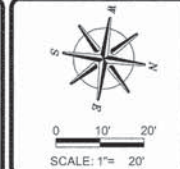
DATE
 03/25/2016

SHEET NO.
 11 of 30

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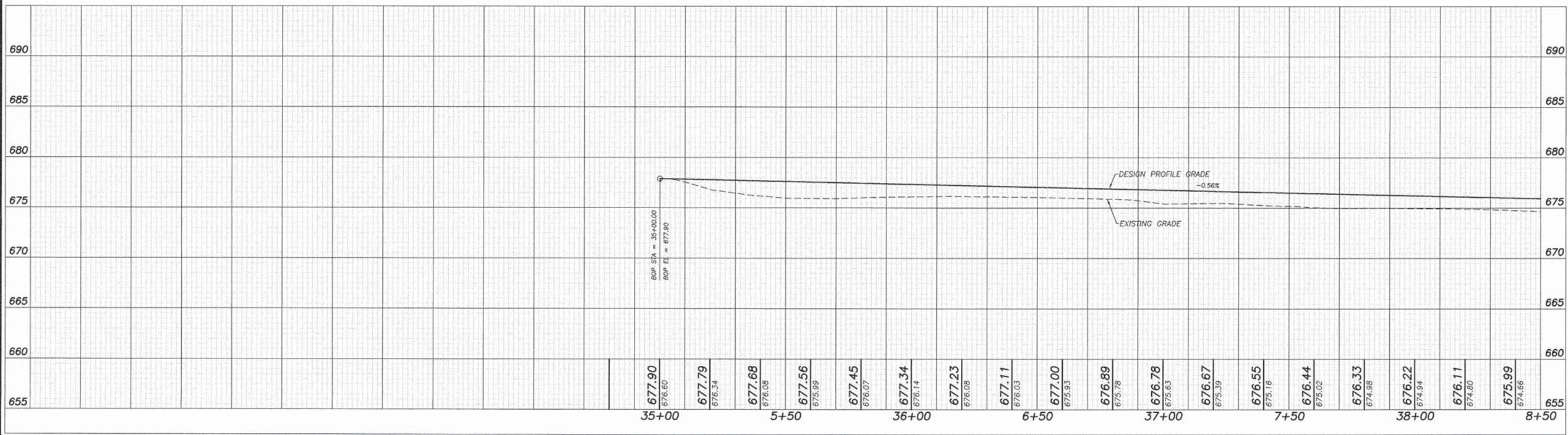
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. R. L. F.A.U. 5548	*	WHITESIDE	30	12
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637



SCALES:
1" = 20' HOR
1" = 5' VER

<p>PI Sta = 35+56.41 N = 1873447.35 E = 2428575.87 I = 11°26'00"L</p> <p>CIRCULAR Da = 57'17"45" Dc = 60'00"00" T = 10.01 R = 100.00 L = 19.96 C = 19.92 E = 0.50 M = 0.50</p>	<p>PI Sta = 36+88.82 N = 1873579.36 E = 2428586.94 I = 30°29'29"L</p> <p>CIRCULAR Da = 57'17"45" Dc = 60'00"00" T = 27.26 R = 100.00 L = 53.22 C = 52.59 E = 3.65 M = 3.52</p>	<p>PI Sta = 37+55.00 N = 1873640.16 E = 2428557.68 I = 43°48'51"R</p> <p>CIRCULAR Da = 57'17"45" Dc = 60'00"00" T = 40.21 R = 100.00 L = 76.47 C = 74.82 E = 7.78 M = 7.22</p>	<p>PI Sta = 38+50.48 N = 1873734.67 E = 2428588.59 I = 27°52'35"L</p> <p>CIRCULAR Da = 57'17"45" Dc = 60'00"00" T = 24.82 R = 100.00 L = 48.65 C = 48.17 E = 3.03 M = 2.94</p>
--	--	--	--



REVISIONS	DATE

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DRAWN BY:	BDS
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Illinois Professional Design Firm No. 184-000948

PLANS FOR PROPOSED
OF
LYNN BLVD SHARED-USE PATH
FOR
STERLING PARK DISTRICT

SHEET TITLE
PLAN & PROFILE

JOB NUMBER
2100031

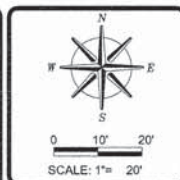
DATE
03/25/2016

SHEET NO.

12 of 30

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P.A.U. 5548	*	WHITESIDE	30	14
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637



PI Sta = 45+43.90
N = 1874196.03
E = 2428863.54
I = 18°43'02"R

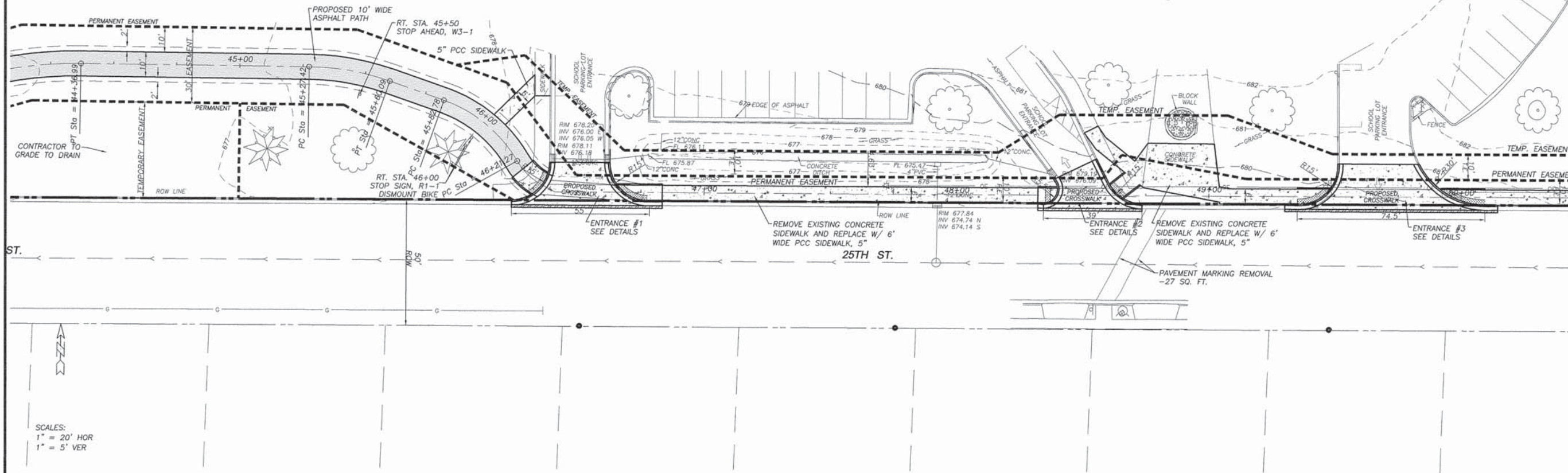
PI Sta = 46+02.85
N = 1874177.02
E = 2428919.64
I = 40°05'15"R

CIRCULAR
Da = 57°17'45"
Dc = 60°00'00"
T = 16.48
R = 100.00
L = 32.67
C = 32.52
E = 1.35
M = 1.33

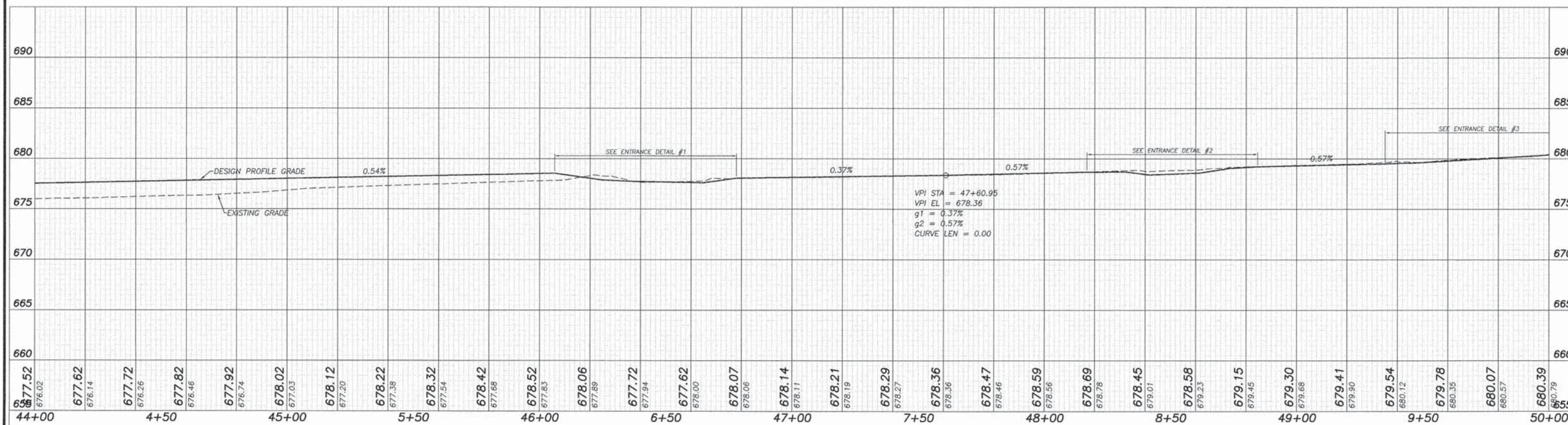
CIRCULAR
Da = 104°10'27"
Dc = 130°45'36"
T = 20.07
R = 55.00
L = 38.48
C = 37.70
E = 3.55
M = 3.33

PROPERTY OWNER:
PIN# 1115177001
STERLING CUSD #5

PROPERTY OWNER:
PIN# 1115177001
STERLING CUSD #5



SCALES:
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1" = 5' VER



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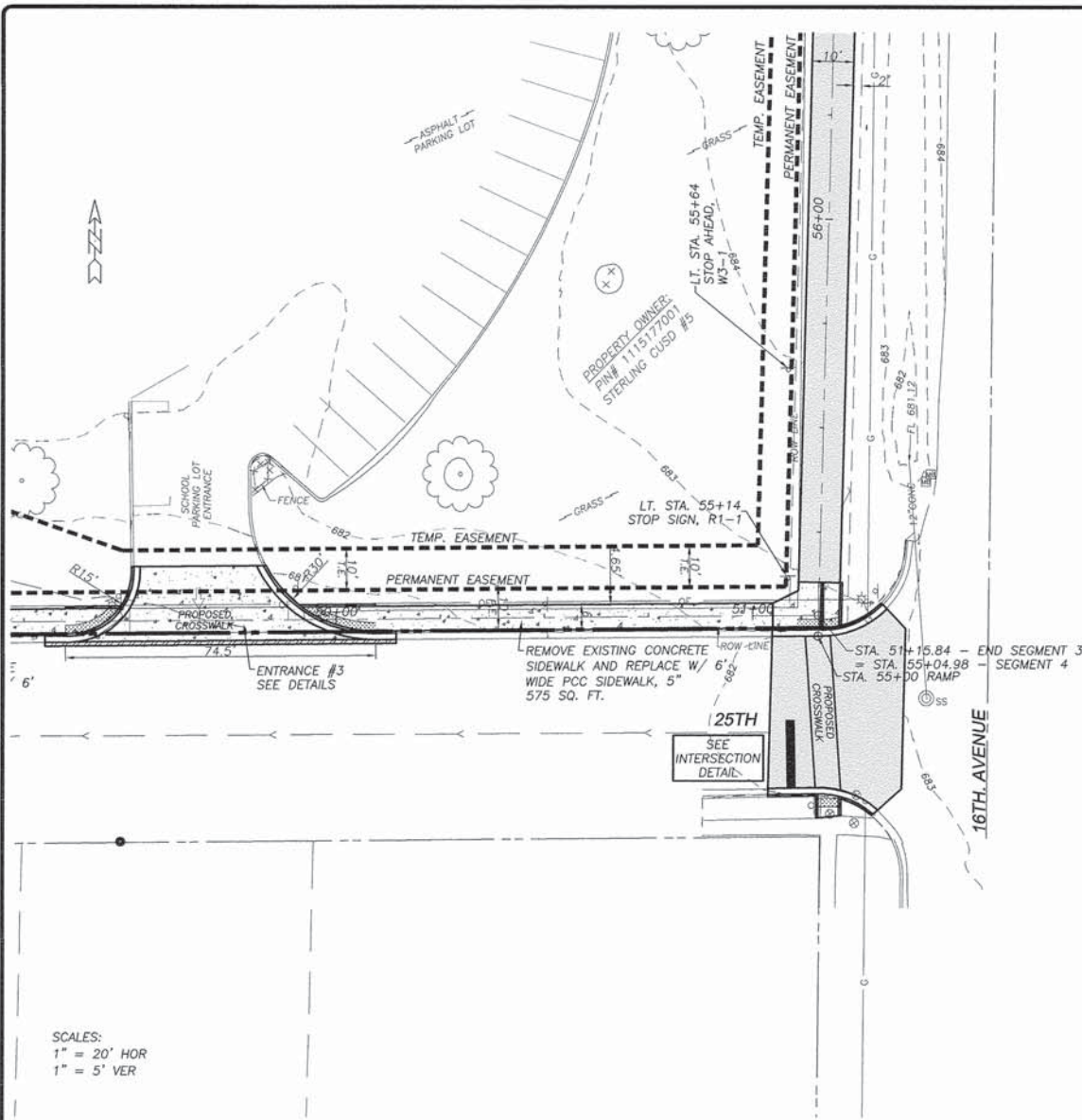
PLANS FOR PROPOSED
OF
LYNN BLVD SHARED-USE PATH
FOR
STERLING PARK DISTRICT

SHEET TITLE
PLAN & PROFILE

JOB NUMBER
2100031

DATE
03/25/2016

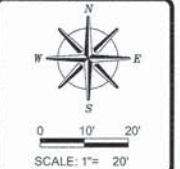
SHEET NO.
14 of 30



SCALES:
 1" = 20' HOR
 1" = 5' VER

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. R. L.	5548	WHITESIDE	30	15
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637

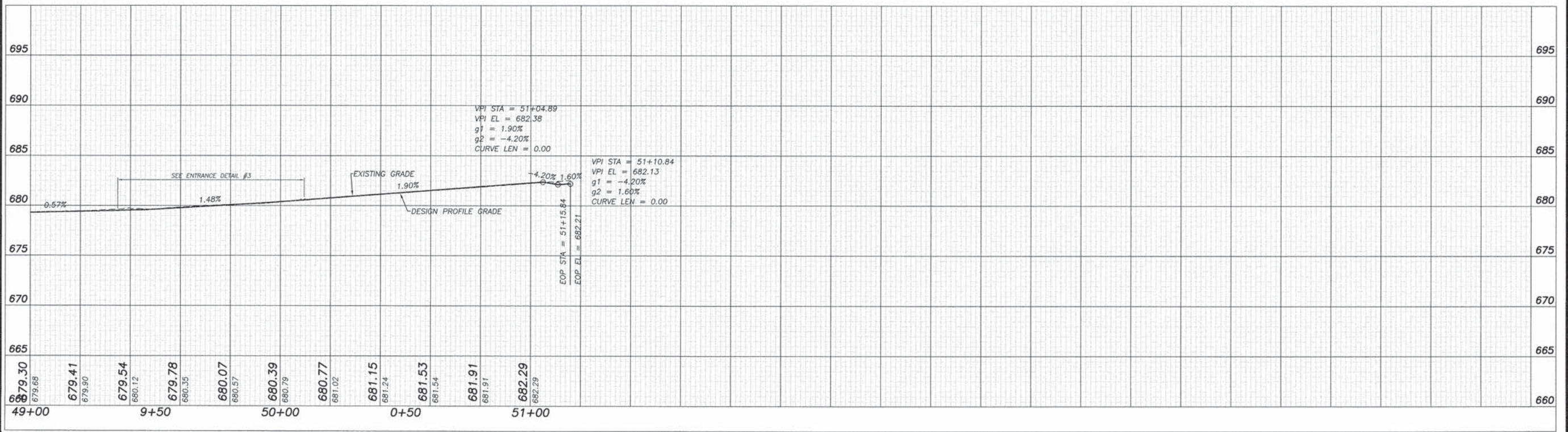


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PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT



SHEET TITLE

PLAN &
 PROFILE

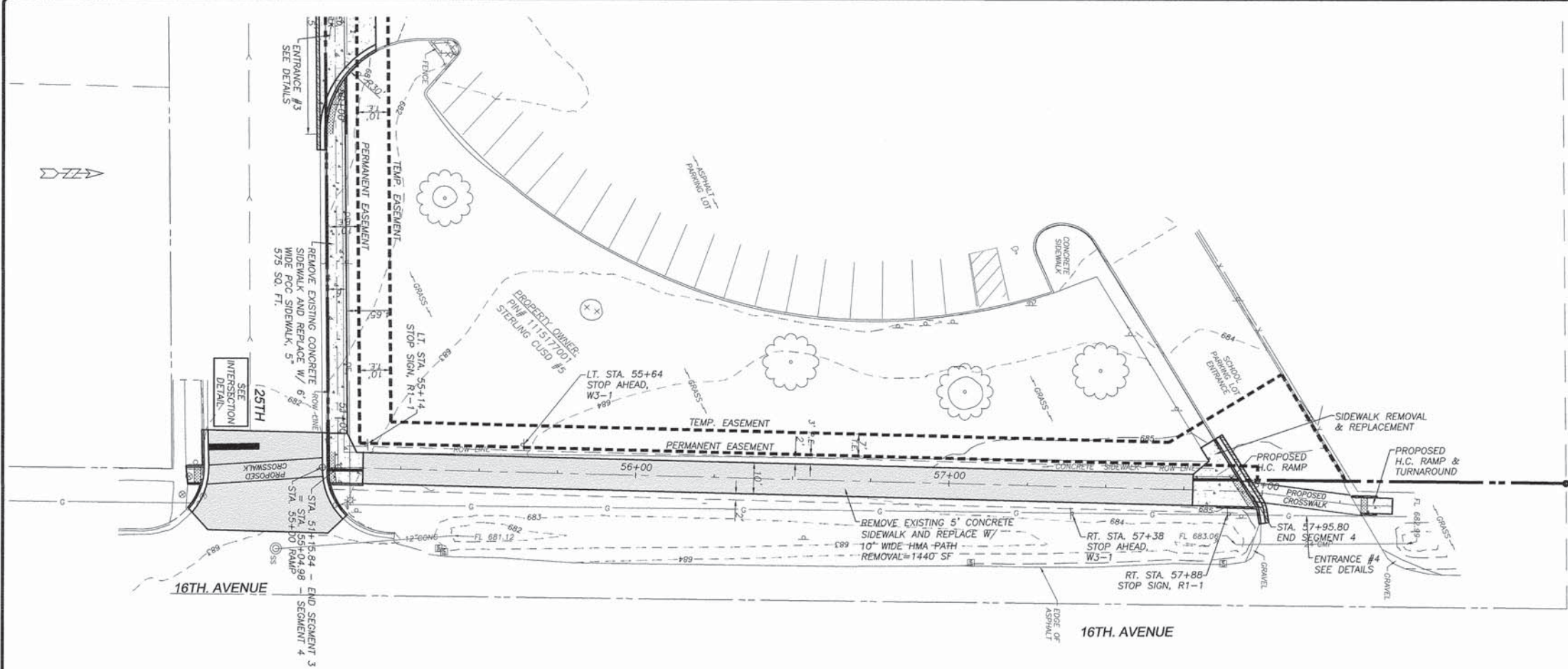
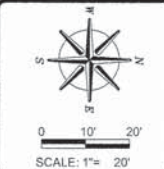
JOB NUMBER
 2100031

DATE
 03/25/2016

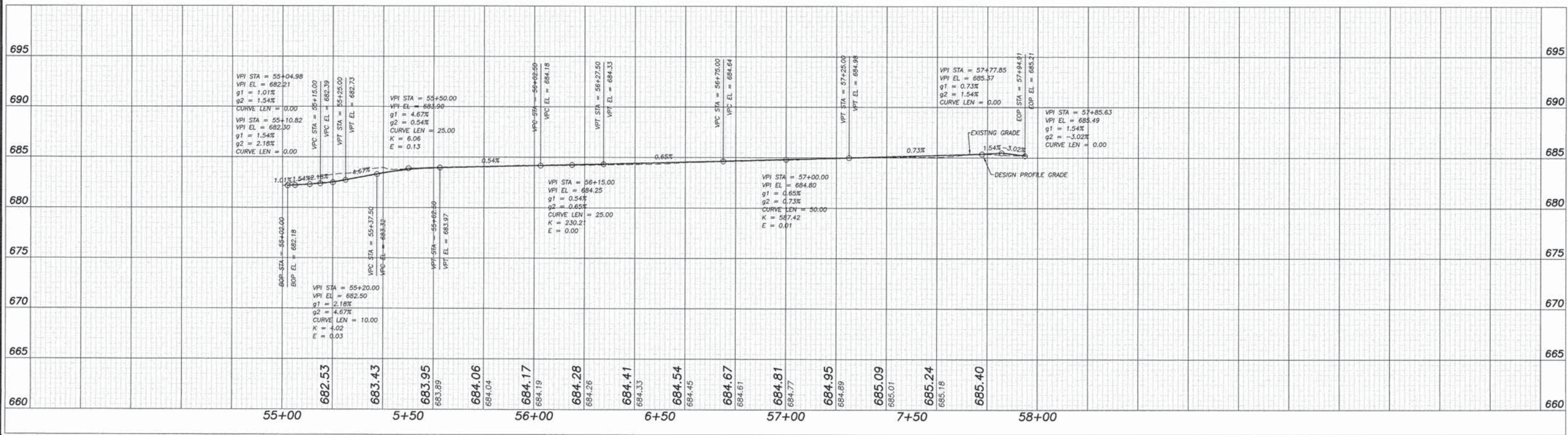
SHEET NO.
 15 of 30

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5548	*	WHITESIDE	30	16
FED. ROAD DIST. NO. 7	SLINGS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637



SCALES:
 1" = 20' HOR
 1" = 5' VER



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DRAWING NAME	rcp1004.dwg
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PLANS FOR PROPOSED
 OF
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 FOR
 STERLING PARK DISTRICT

SHEET TITLE
 PLAN &
 PROFILE

JOB NUMBER
 2100031

DATE
 03/25/2016

SHEET NO.
 16 of 30

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. L. F.A.U. 5548	*	WHITESIDE	30	18
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #



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DRAWN BY:	BOS
CHECKED BY:	BOS
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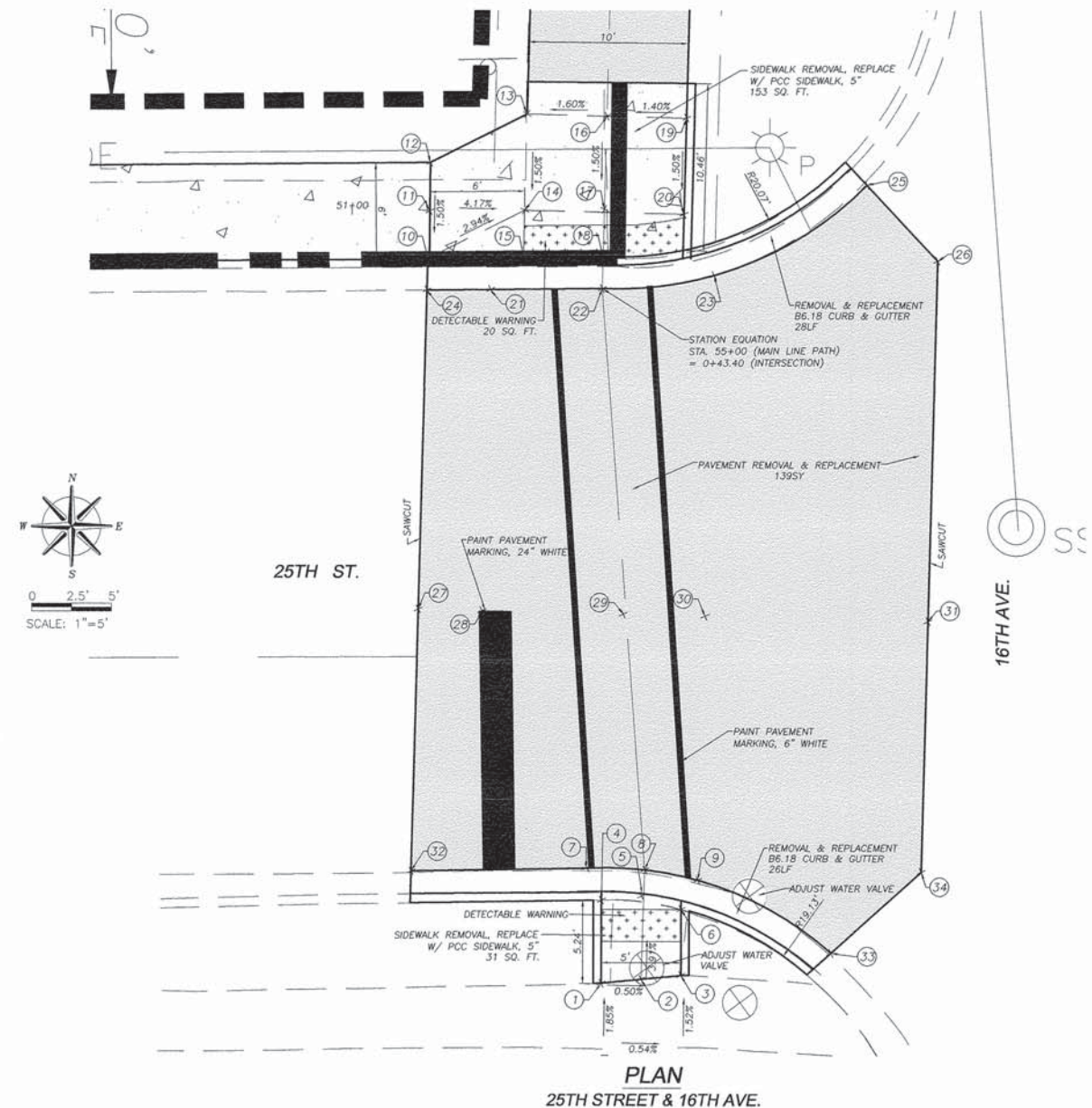
PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

SHEET TITLE
 INTERSECTION
 DETAILS

JOB NUMBER
 2100031

DATE
 03/25/2016

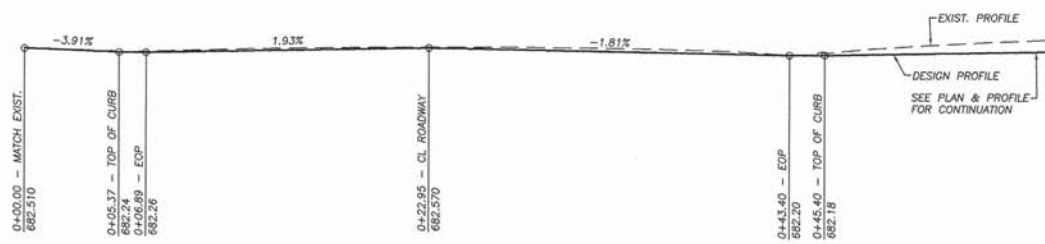
SHEET NO.
 18 of 30



ADA Ramps				
POINT	STATION	OFFSET	ELEVATION	NOTE
1	0+00	2.5' LT	682.52	MATCH EXIST. SW
2	0+00	0	682.51	MATCH EXIST. SW
3	0+00	2.5' RT	682.50	MATCH EXIST. SW
4	0+04.88	2.66' LT	682.21	TOP DEPRESSED CURB
5	0+05.37	0	682.24	TOP DEPRESSED CURB
6	0+04.46	2.36' RT	682.27	TOP DEPRESSED CURB
7	0+07.25	3.61' LT	682.23	PAVEMENT
8	0+06.89	0	682.26	PAVEMENT
9	0+06.33	3.35' RT	682.29	PAVEMENT

10	51+04.84	3.01' RT	682.33	MATCH EXIST. TOP CURB
11	51+04.89	0	682.38	
12	51+04.95	3.03' LT	682.42	
13	55+10.82	5' LT	682.22	
14	51+10.84	0	682.13	
15	51+10.84	0	682.09	TOP DEPRESSED CURB
16	55+10.82	0	682.30	
17	55+04.98	0	682.21	
18	55+02	0	682.18	TOP DEPRESSED CURB
19	55+10.82	5' RT	682.37	
20	55+04.81	5' RT	682.28	
21	51+08.67	4.98' RT	682.07	PAVEMENT
22	0+43.40 / 55+00	0	682.20	PAVEMENT
23	0+44.41	7.01' RT	682.21	PAVEMENT

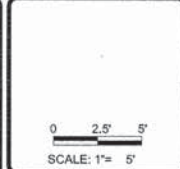
ROADWAY PAVEMENT & CURB				
POINT	STATION	OFFSET	ELEVATION	NOTE
24	51+04.67	4.98' RT	682.00	MATCH EXIST. PVMNT.
25	0+50.32	16.44' RT	682.56	MATCH EXIST. PVMNT.
26	0+45.67	21' RT	682.95	MATCH EXIST. PVMNT.
27	0+24.22	12.99' LT	682.33	MATCH EXIST. PVMNT.
28	0+23.82	9.01' LT	682.47	
29	0+22.95	0	682.57	
30	0+22.44	4.93' RT	682.63	
31	0+21.06	18.86' RT	682.96	MATCH EXIST. PVMNT.
32	0+07.8	14.64' LT	682.04	MATCH EXIST. PVMNT.
33	0+02.03	11.85' RT	682.42	MATCH EXIST. PVMNT.
34			682.74	MATCH EXIST. PVMNT.



PROFILE-25TH ST. CROSSWALK
 25TH STREET & 16TH AVE.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P.A.U. 5548	*	WHITESIDE	30	19
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #



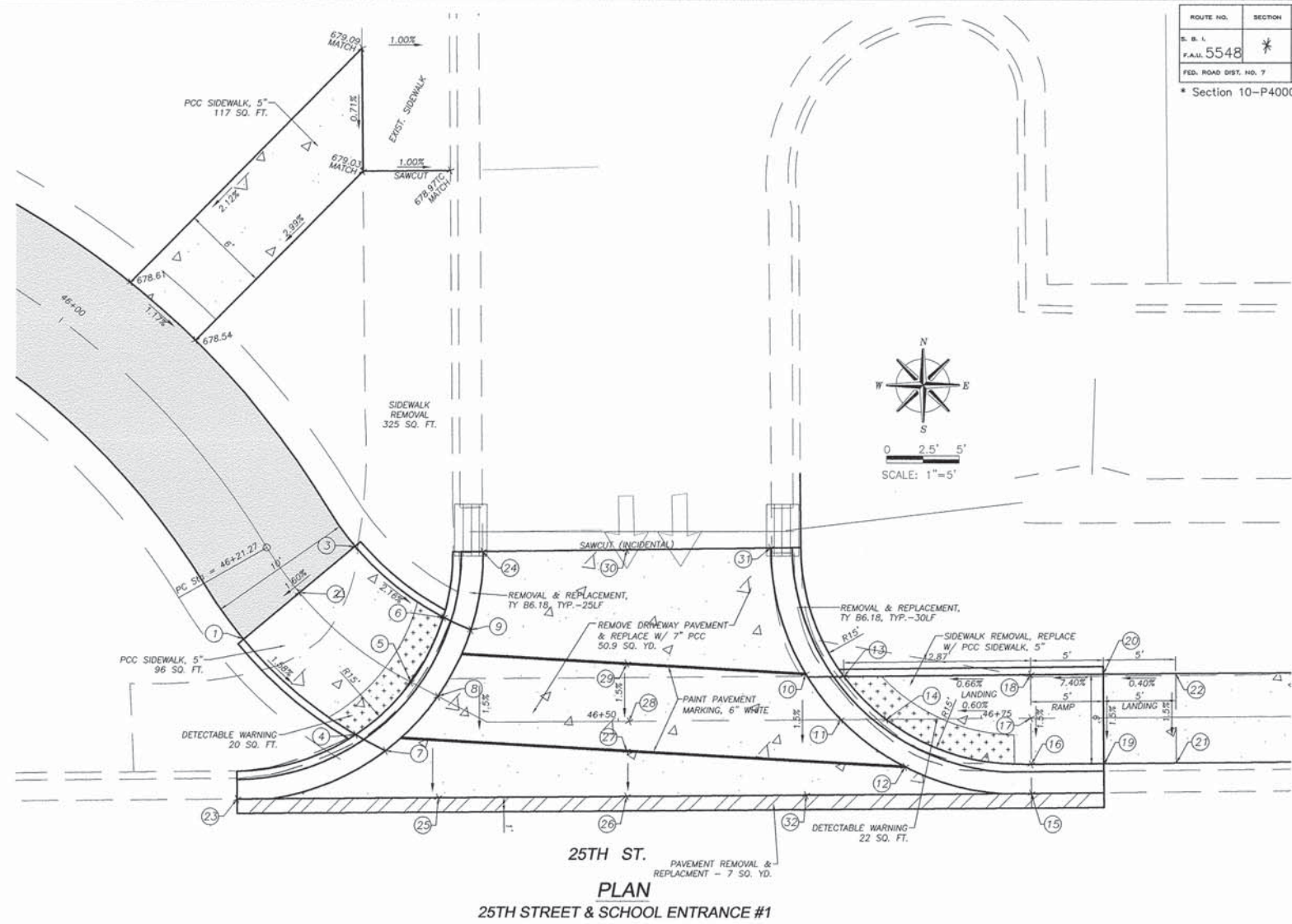
REVISIONS	DATE

DESIGNED BY:	DATE:
DRAWN BY:	EDS:
CHECKED BY:	2100031rc.dwg
APPROVED BY:	

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 civil engineers - surveyors - scientists
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 Illinois Professional Design Firm No. 184-000948

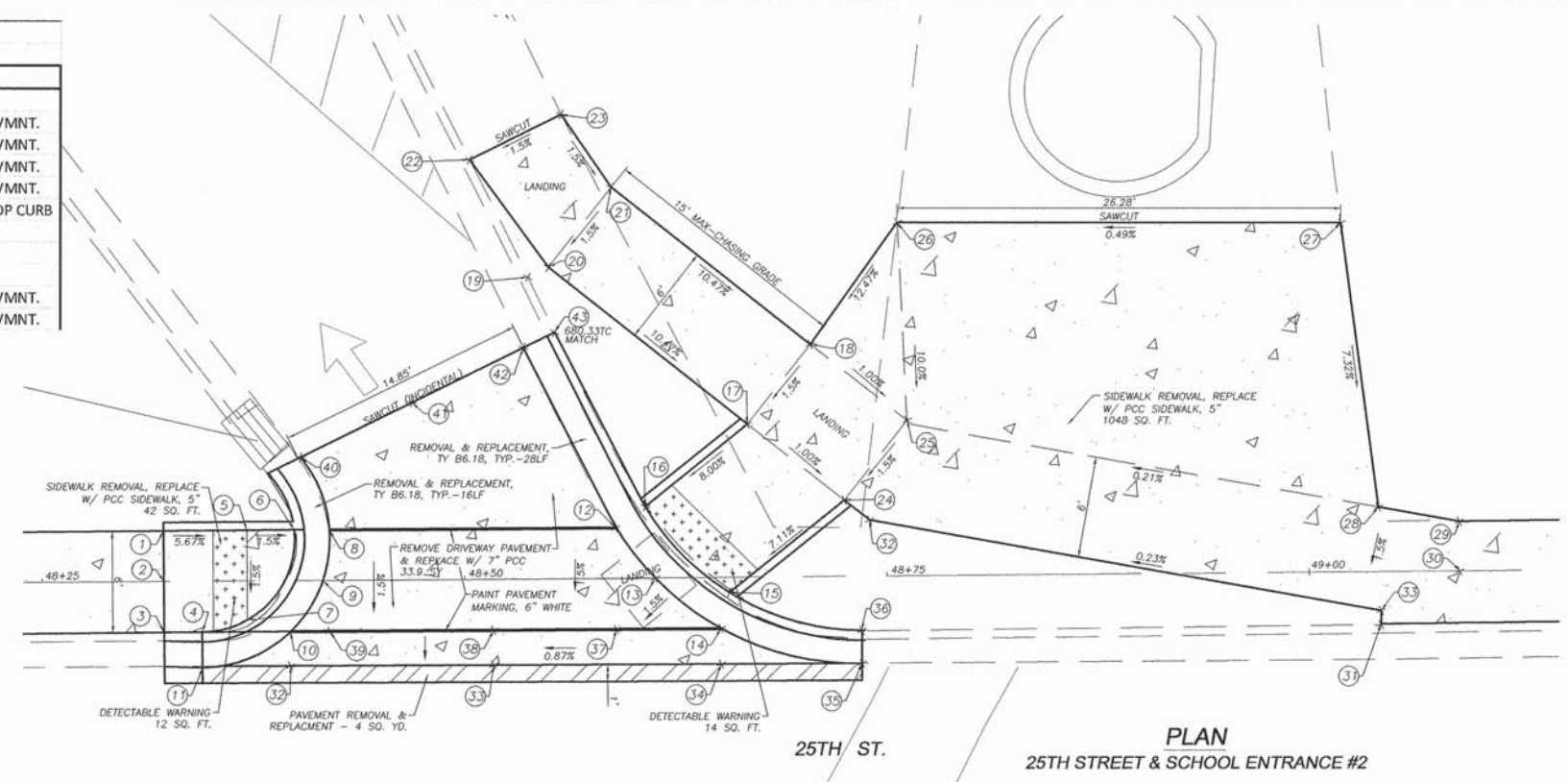
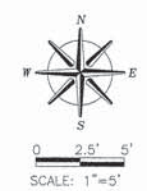
ADA Ramps				
POINT	STATION	OFFSET	ELEVATION	NOTE
1	46+25.10	5' RT	677.8	
2	46+25.10	0	677.88	
3	46+25.10	5' LT	677.96	
4	46+33.60	5' RT	677.64	TOP DEPRESSED CURB
5	46+35.02	0	677.71	TOP DEPRESSED CURB
6	46+34.94	5' LT	677.79	TOP DEPRESSED CURB
7	46+35.65	4.99' RT	677.66	PAVEMENT
8	46+37.12	0	677.73	PAVEMENT
9	46+37.04	5.11' LT	677.81	PAVEMENT
10	46+62.92	3.17' LT	677.65	PAVEMENT
11	46+65.33	0	677.61	PAVEMENT
12	46+69.72	3.29' RT	677.58	PAVEMENT
13	46+65.55	2.96' LT	677.63	TOP DEPRESSED CURB
14	46+68.43	0	677.61	TOP DEPRESSED CURB
15	46+78.43	5.19' RT	677.58	
16	46+78.43	3.18' RT	677.63	
17	46+78.38	0	677.67	
18	46+78.42	3' LT	677.72	
19	46+83.43	3.17' RT	678	MATCH EXIST. TOP CURB
20	46+83.42	3.00' LT	678.09	
21	46+88.43	3.17' RT	678.02	MATCH EXIST. TOP CURB
22	46+88.42	3.00' LT	678.11	

ROADWAY PAVEMENT & CURB				
POINT	STATION	OFFSET	ELEVATION	NOTE
23	46+30.47	13.27' RT	677.32	MATCH EXIST. PVMNT.
24	46+35.26	10.28' LT	678.35	MATCH EXIST. PVMNT.
25	46+40.37	6.16' RT	677.35	MATCH EXIST. PVMNT.
26	46+50.54	5.18' RT	677.42	MATCH EXIST. PVMNT.
27	46+50.57	2.04' RT	677.64	
28	46+50.74	0	677.67	
29	46+50.62	3.96' LT	677.73	
30	46+50.67	11.81' LT	678.36	MATCH EXIST. PVMNT.
31	46+60.63	11.86' LT	678.3	MATCH EXIST. PVMNT.
32	46+62.92	5.18' RT	677.49	MATCH EXIST. PVMNT.



ADA Ramps				
POINT	STATION	OFFSET	ELEVATION	NOTE
1	48+32.21	3' LT	678.75	
2	48+32.21	0	678.7	
3	48+32.21	3' RT	678.69	MATCH EXIST. TOP CURB
4	48+34.47	3' RT	678.56	TOP DEPRESSED CURB
5	48+37.13	3' LT	678.47	
6	48+39.94	3' LT	678.43	TOP DEPRESSED CURB
7	48+37.14	2.30' RT	678.39	TOP DEPRESSED CURB
8	48+42.03	3' LT	678.45	PAVEMENT
9	48+41.60	0	678.4	PAVEMENT
10	48+39.71	3' RT	678.37	PAVEMENT
11	48+34.48	5.08' RT	678.25	MATCH EXIST. PVMNT.
12	48+58.96	3' LT	678.62	PAVEMENT
13	48+61.29	0	678.59	PAVEMENT
14	48+65.16	3' RT	678.55	PAVEMENT
15	48+65.66	0.88' RT	678.56	TOP DEPRESSED CURB
16	48+60.71	4.25' LT	678.63	TOP DEPRESSED CURB
17	48+66.81	9.07' LT	679.25	
18	48+70.55	13.76' LT	679.34	
20	48+55.09	18.43' LT	680.91	
21	48+58.84	23.12' LT	680.82	
22	48+50.45	24.81' LT	680.9	MATCH EXIST. TOP CURB
23	48+55.91	27.47' LT	680.99	
24	48+72.50	4.52' LT	679.18	
25	48+76.24	9.21' LT	679.27	
26	48+75.74	20.89' LT	680.44	MATCH EXIST. SW
27	49+02.02	20.65' LT	680.57	MATCH EXIST. SW
28	49+04.12	3.83' LT	679.33	
29	49+08.90	2.95' LT	679.37	
30	49+08.90	0	679.34	
31	49+04.25	3.13' RT	679.24	MATCH EXIST. TOP CURB
32	48+73.99	3.33' LT	679.18	
33	49+04.25	2.29' RT	679.25	

ROADWAY PAVEMENT & CURB				
POINT	STATION	OFFSET	ELEVATION	NOTE
32	48+39.67	5.01' RT	678.29	MATCH EXIST. PVMNT.
33	48+51.68	5.04' RT	678.38	MATCH EXIST. PVMNT.
34	48+65.15	5.10' RT	678.47	MATCH EXIST. PVMNT.
35	48+73.49	5.12' RT	678.52	MATCH EXIST. PVMNT.
36	48+73.49	3.19' RT	678.98	MATCH EXIST. TOP CURB
37	48+58.96	3' RT	678.53	
38	48+51.70	3' RT	678.46	
39	48+42.03	3' RT	678.36	
40	48+40.34	7.31' LT	679.31	MATCH EXIST. PVMNT.
41	48+46.95	10.50' LT	679.55	MATCH EXIST. PVMNT.



PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

SHEET TITLE
**ENTRANCE
 DETAILS**

JOB NUMBER
 2100031

DATE
 03/25/2016

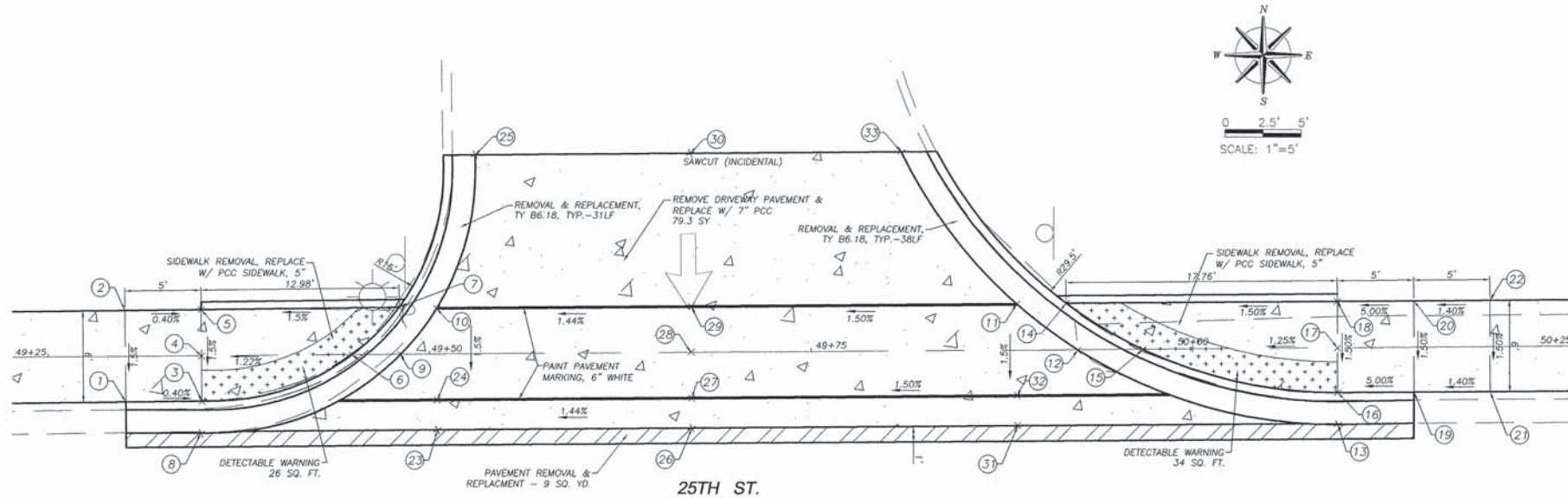
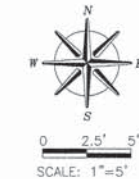
SHEET NO.
19 of 30

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. L. F.A.U. 5548	*	WHITESIDE	30	20
FED. ROAD DIST. NO. 7	ALPHAS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #



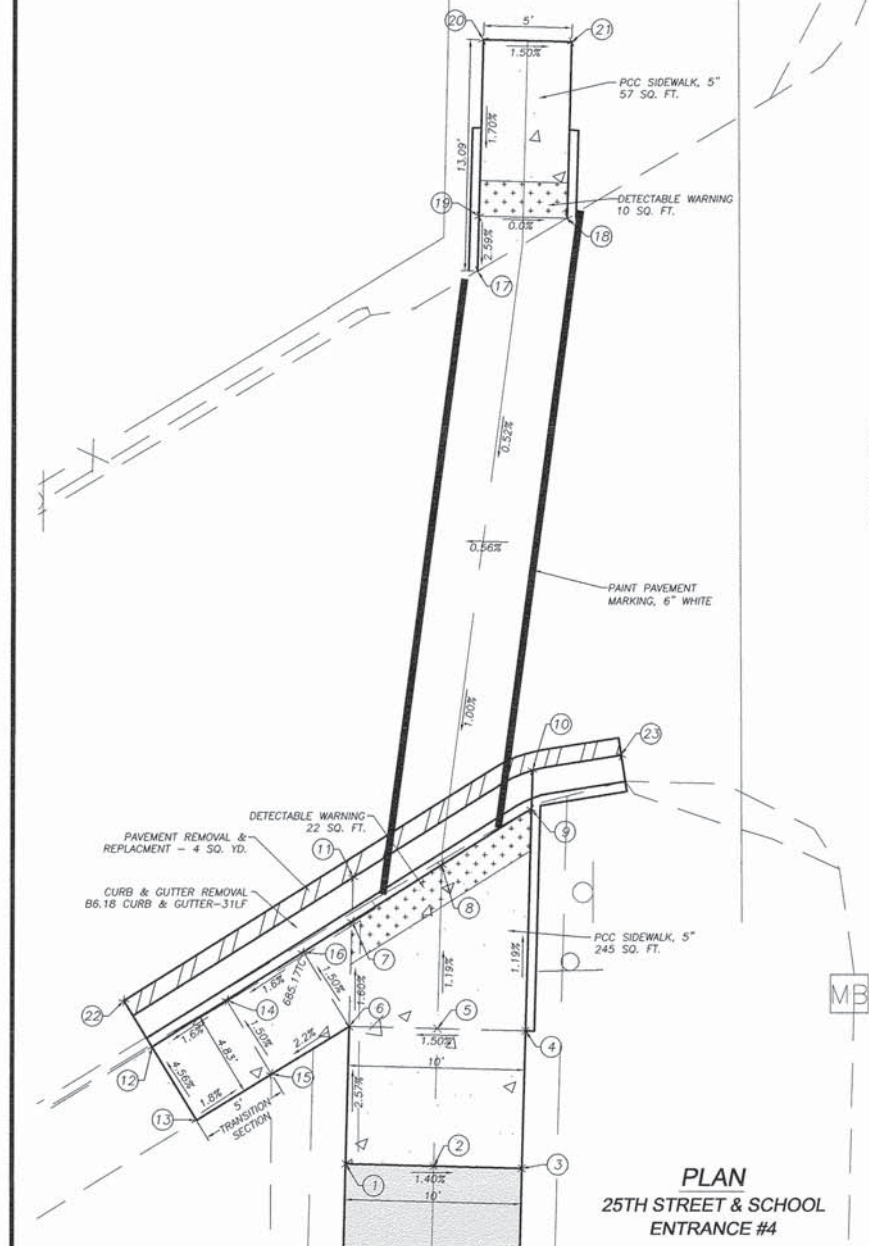
ADA Ramps				
POINT	STATION	OFFSET	ELEVATION	NOTE
1	57+77.85	5' LT	685.44	
2	57+77.85	0	685.37	
3	57+77.85	5' RT	685.3	
4	57+85.63	5' RT	685.39	
5	57+85.63	0	685.32	
6	57+85.63	5' LT	685.24	
7	57+91.59	5' LT	685.14	TOP DEPRESSED CURB
8	57+94.82	0	685.21	TOP DEPRESSED CURB
9	57+98.70	4.72' RT	685.24	TOP DEPRESSED CURB
10	58+00.92	4.49' RT	685.25	MATCH EXIST. PVMNT.
11	57+94.09	5' LT	685.16	MATCH EXIST. PVMNT.
12	57+84.19	16.14' LT	684.94	MATCH EXIST. SW
13	57+80.12	13.53' LT	685.18	MATCH EXIST. SW
14	57+86.95	11.98' LT	685.02	TOP OF CURB
15	57+82.82	9.32' LT	685.09	
16	57+89.79	7.68' LT	685.17	TOP OF CURB
17	58+28.56	2.32' LT	685.44	MATCH EXIST. PVMNT.
18	58+31.91	2.5' RT	685.52	MATCH EXIST. PVMNT.
19	58+31.91	2.5' LT	685.52	
20	58+41.91	2.5' LT	685.35	
21	58+41.91	2.5' RT	685.28	
22	57+85.94	17.27' LT	684.44	MATCH EXIST. PVMNT.
23	58+02.42	9.36' RT	685.31	MATCH EXIST. PVMNT.



PLAN
25TH STREET & SCHOOL ENTRANCE #3

ADA Ramps				
POINT	STATION	OFFSET	ELEVATION	NOTE
1	49+30.06	2.97' RT	679.41	MATCH EXIST. TOP CURB
2	49+30.05	3.03' LT	679.5	
3	49+35.07	2.95' RT	679.39	MATCH EXIST. TOP CURB
4	49+35.06	0	679.44	
5	49+35.04	3.05' LT	679.48	
6	49+44.92	0	679.65	TOP DEPRESSED CURB
7	49+48.03	3.10' LT	679.67	TOP DEPRESSED CURB
8	49+34.99	5.03' RT	679.12	PAVEMENT
9	49+48.10	0	679.6	PAVEMENT
10	49+50.48	3.00' LT	679.69	PAVEMENT
11	49+88.51	3.00' LT	680.25	PAVEMENT
12	49+92.48	0	680.26	PAVEMENT
13	50+09.48	5.01' RT	680.22	MATCH EXIST. PVMNT.
14	49+91.74	3.04' LT	680.28	TOP DEPRESSED CURB
15	49+96.74	0	680.35	TOP DEPRESSED CURB
16	50+09.49	2.93' RT.	680.46	
17	50+09.49	0	680.51	
18	50+09.50	3.04' LT	680.55	
19	50+14.48	2.94' RT	680.71	MATCH EXIST. TOP CURB
20	20+14.50	3.04' LT	680.8	
21	50+19.49	2.94' RT.	680.78	MATCH EXIST. TOP CURB
22	50+19.50	3.04' LT	680.87	

ROADWAY PAVEMENT & CURB				
POINT	STATION	OFFSET	ELEVATION	NOTE
23	49+50.48	4.94' RT	679.52	MATCH EXIST. PVMNT.
24	49+50.48	3.00' RT	679.6	MATCH EXIST. PVMNT.
25	49+53.07	13.05' LT	680.43	MATCH EXIST. PVMNT.
26	49+67.15	4.95' RT	679.79	MATCH EXIST. PVMNT.
27	49+67.15	3.00' RT	679.84	
28	49+67.16	0	679.88	
29	49+67.18	2.97' LT	679.93	
30	49+67.15	13.05' LT	680.52	MATCH EXIST. PVMNT.
31	49+88.51	4.95' RT	680.15	MATCH EXIST. PVMNT.
32	49+88.49	2.97' RT	680.16	
33	49+80.99	13.05' LT	680.73	MATCH EXIST. PVMNT.



PLAN
25TH STREET & SCHOOL
ENTRANCE #4

16TH AVE.

REVISIONS	DATE

DESIGNED BY:	DAV
DRAWN BY:	BDS
CHECKED BY:	
DATE:	
PROJECT NO.:	
SHEET NO.:	

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wender engineering services, inc.
GROUND-BREAKING SOLUTIONS
engineers, surveyors, scientists
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Missouri Professional Design Firm No. 184-000846

PLANS FOR PROPOSED
OF
LYNN BLVD SHARED-USE PATH
FOR
STERLING PARK DISTRICT

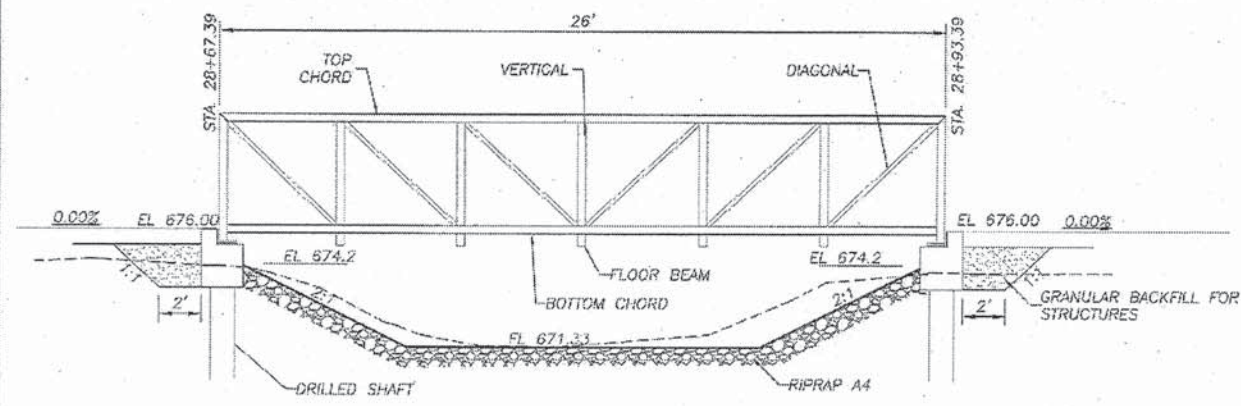
SHEET TITLE
**ENTRANCE
DETAILS**

JOB NUMBER
2100031

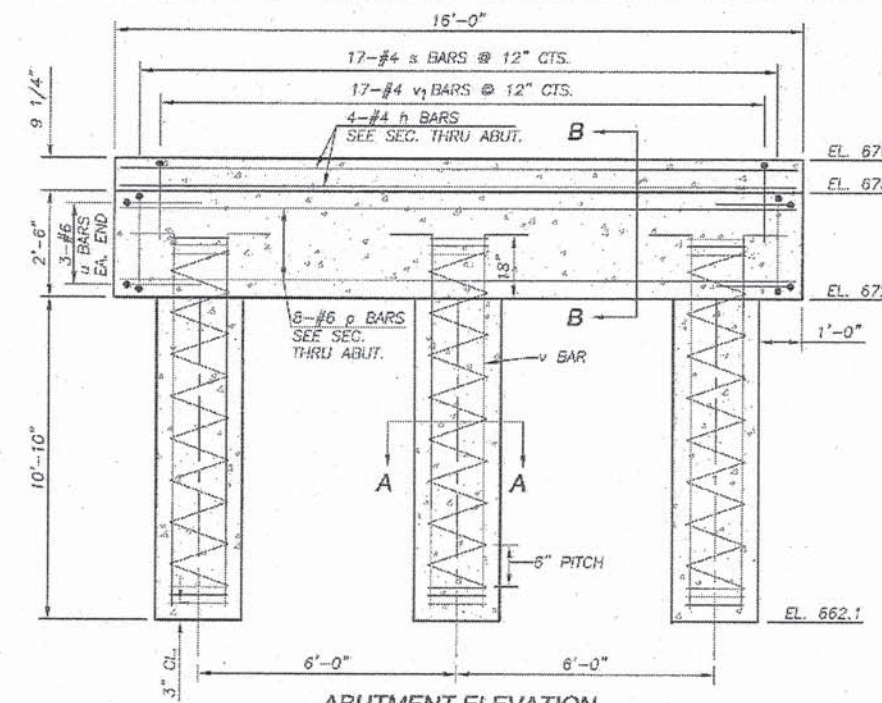
DATE
03/25/2016

SHEET NO.
20 of 30

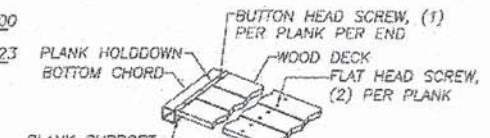
ROUTE NO.	SECTION	COUNTY	SHEET	TOTAL
5548	#	WHITESIDE	30	21
* Section 10-P4000-00-BT Contract #85837				



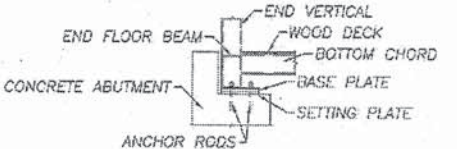
BRIDGE ELEVATION



ABUTMENT ELEVATION

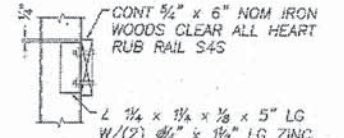


WOOD DECK DETAIL

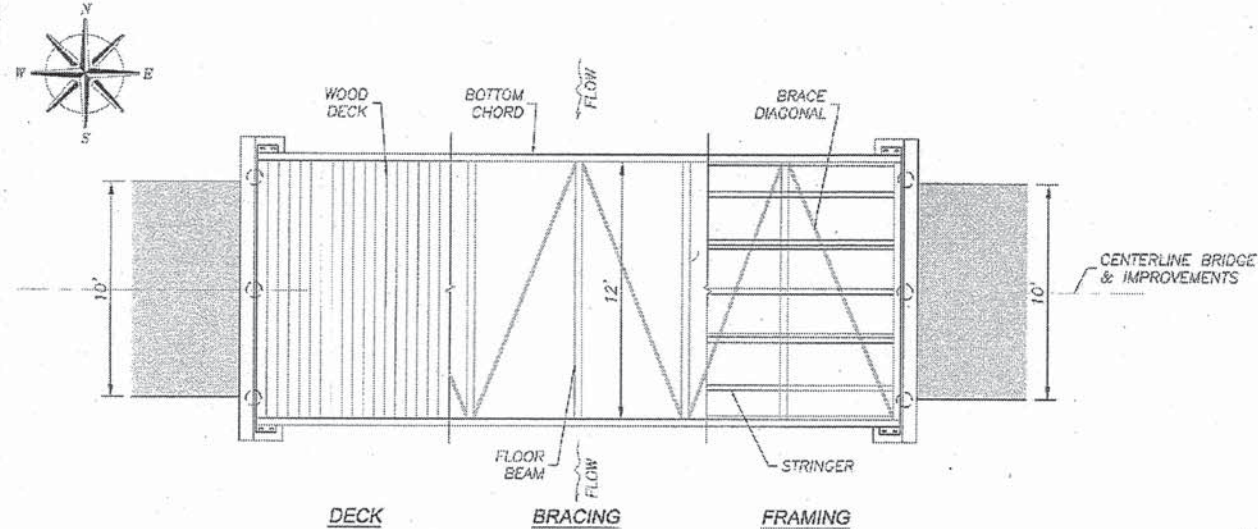


BEARING SIDE VIEW

INFORMATION PROVIDED FOR REPRESENTATION ONLY. ACTUAL BEARING DIAGRAMS TO BE BASED ON FINAL DESIGN.

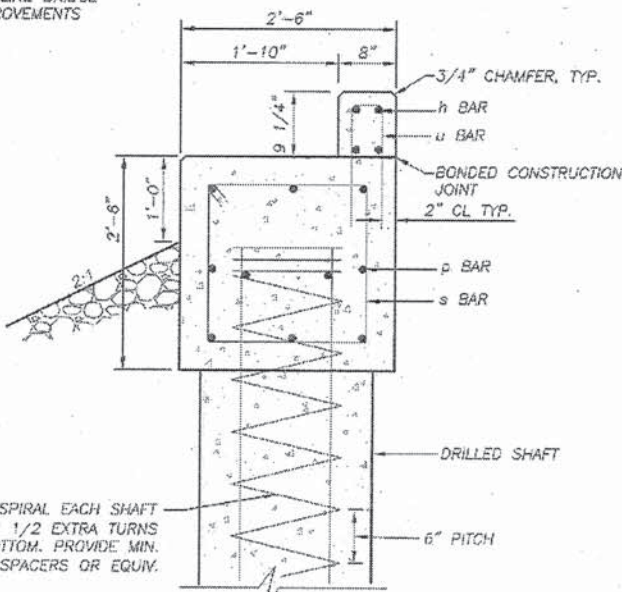


RUB RAIL DETAIL



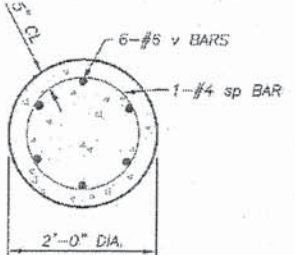
BRIDGE PLAN

STA. 28+85



SECTION B-B

SECTION THRU ABUTMENT CAP



SECTION A-A

1-#4 sp SPIRAL EACH SHAFT PROVIDE 1 1/2 EXTRA TURNS TOP AND BOTTOM. PROVIDE MIN. 4-#4 SPACERS OR EQUIV.

DESIGN SPECIFICATIONS
2014 AASHTO LRFD BRIDGE DESIGN SPECIFICATION, 7TH EDITION
2009 LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES, 2ND EDITION

LOADING
H5 (MAINTENANCE VEHICLE) (10,000 LBS)
PEDESTRIAN LIVE LOAD = 90 psf

DESIGN STRESSES
f'c = 3,500 psi (CAST-IN-PLACE CONCRETE)
fy = 50,000 PSI (REINFORCED)

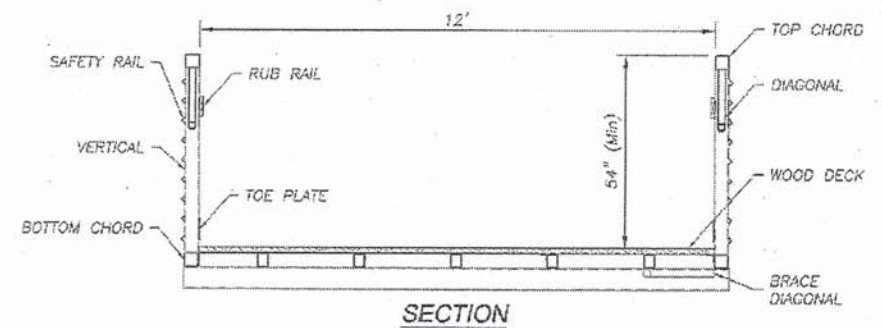
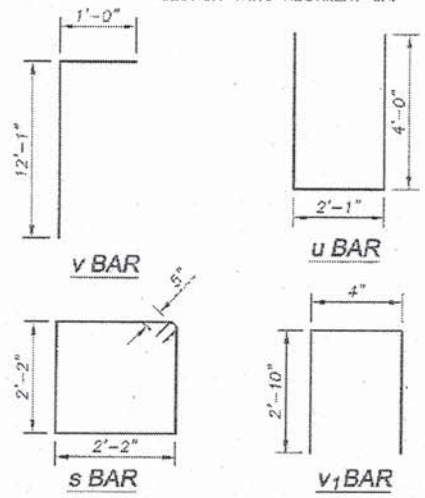
DESIGN REACTIONS
(PER ABUTMENT)
H5 VEHICLE 8.92 KIPS
BRIDGE WEIGHT 5.75 KIPS
PEDESTRIAN DISTRIBUTED LOAD 14.0 KIPS
WIND ± 1.4 KIPS VERTICAL, 2.9 KIPS HORIZONTAL

BRIDGE SUMMARY
BRIDGE 26' SPAN x 12' WIDTH
DECK TYPE: IPE (Hardwood)
BRIDGE FINISH: WEATHERING STEEL

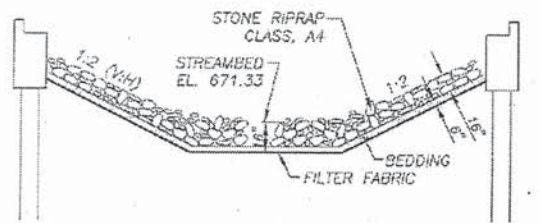
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
h	5	#4	15'-8"	
p	16	#6	15'-8"	
s	34	#4	9'-6"	
sp	5	#4	104'-4"	
u	12	#6	10'-1"	
v	36	#6	13'-1"	
v1	34	#4	6'-0"	
GRANULAR BACKFILL FOR STRUCTURES			CU. YD.	12
PRE-ENGINEERED STEEL TRUSS PEDESTRIAN BRIDGE			L. SUM	1
CONCRETE STRUCTURES			CU. YD.	8.1
REINFORCEMENT BARS			POUND	2120
DRILLED SHAFT IN SOIL			CU. YD.	7.4
STONE RIPRAP, CLASS A4			SQ. YD.	75
FILTER FABRIC			SQ. YD.	75

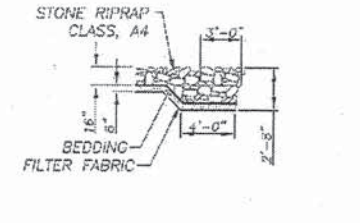
* LENGTH INCLUDES EXTRA TURNS AT TOP & BOTTOM AND 3 LAP LENGTHS OF 2'-8". SPIRAL HEIGHT IS 12'-0"



SECTION



SLOPE RIP RAP DETAIL



SECTION THRU RIPRAP
NORTH & SOUTH ENDS

DATE	3/12/2016
REVISIONS	

DATE	3/12/2016
REVISIONS	

DATE	3/12/2016
REVISIONS	

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Wendler Engineering Services, Inc.
Professional Engineering Solutions
www.wendlereng.com

PLANS FOR PROPOSED
OF
LYNN BLVD SHARED-USE PATH - PH. 1
FOR
STERLING PARK DISTRICT

SHEET TITLE
PEDESTRIAN BRIDGE

JCR NUMBER
2100031

DATE
02/19/2016

SHEET NO.
21 of 30

WENDLER ENGINEERING SERVICES, INC.
Illinois Professional Design Firm No. 124-000845
Sheet 21 Only
For Substructure Only

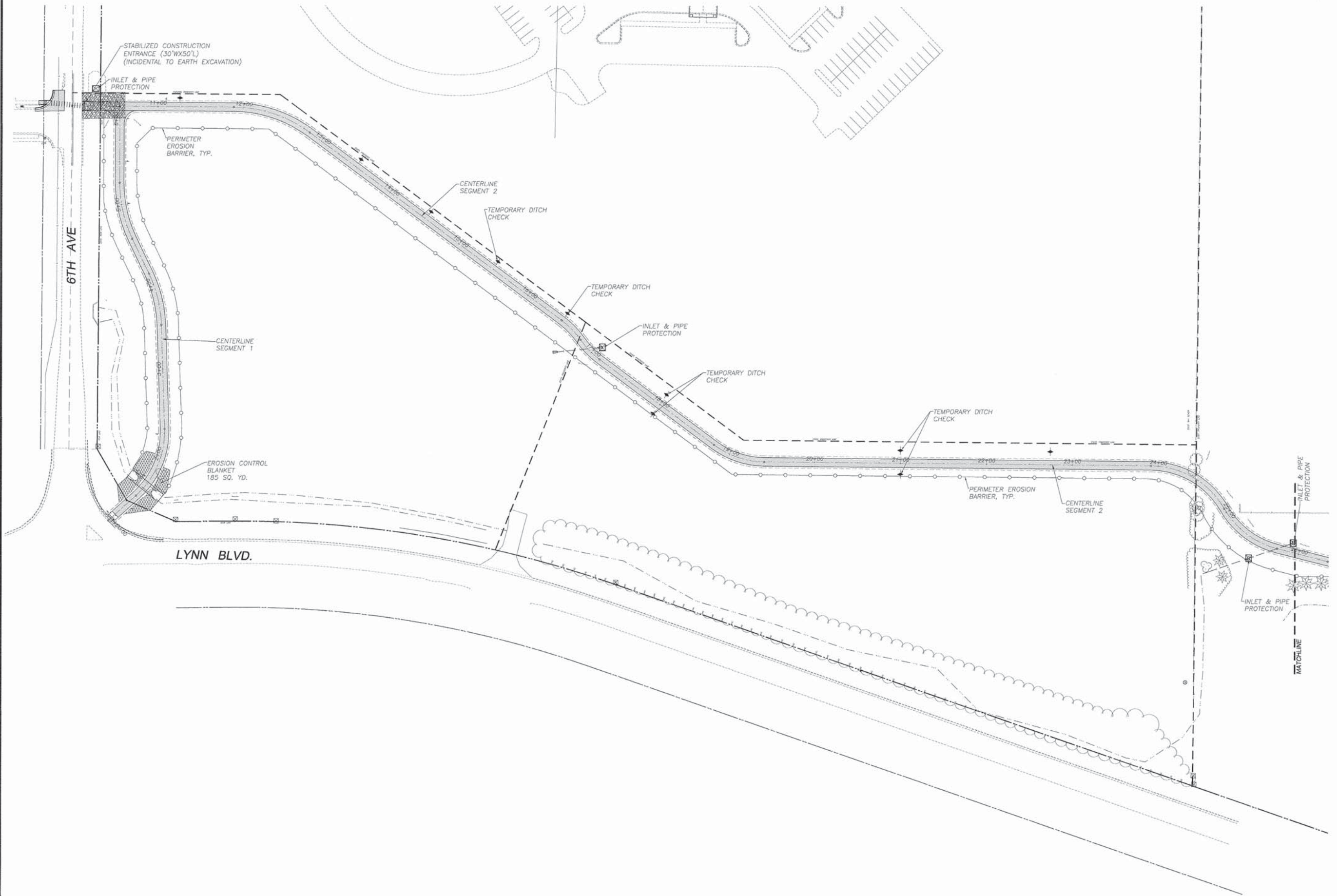
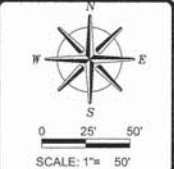
SCOTT A. BROWN
021-005981
STATE OF ILLINOIS

Scott A. Brown 02/19/2016
DATE

SCOTT A. BROWN
INFORM. ILLINOIS
ILLINOIS LICENSED STRUCTURAL ENGINEER NO. 051-005981
EXPIRES 11-30-2016

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 5548	*	WHITESIDE	30	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637



REVISIONS	DATE

DESIGNED BY:	BDS
DRAWN BY:	BDS
DRAWING NAME:	2100031rc.dwg
TITLE BLOCK BY:	6/28/2016

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 GROUND-BREAKING SOLUTIONS
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 Illinois Professional Design Firm No. 164-000846

PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

SHEET TITLE
 EROSION CONTROL
 PLAN-WEST

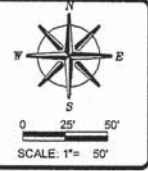
JOB NUMBER
 2100031

DATE
 03/25/2016

SHEET NO.
 22 of 30

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P.A.U. 5548	*	WHITESIDE	30	23
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637



REVISIONS	DATE
	06/25/2016

DESIGNED BY:	BDS
DRAWN BY:	BDS
CHECKED BY:	BDS
PROJECT NAME:	2100031r.e.dwg
DATE PLOTTED:	06/25/2016
SCALE:	1"=50'
WORK NO.:	164-000848

wendler
 wendler engineering services, inc.
 2100031r.e.dwg
 engineers - surveyors - estimators
 www.wendlergs.com ph: 815.284.2261
 Illinois Professional Design Firm No. 164-000848

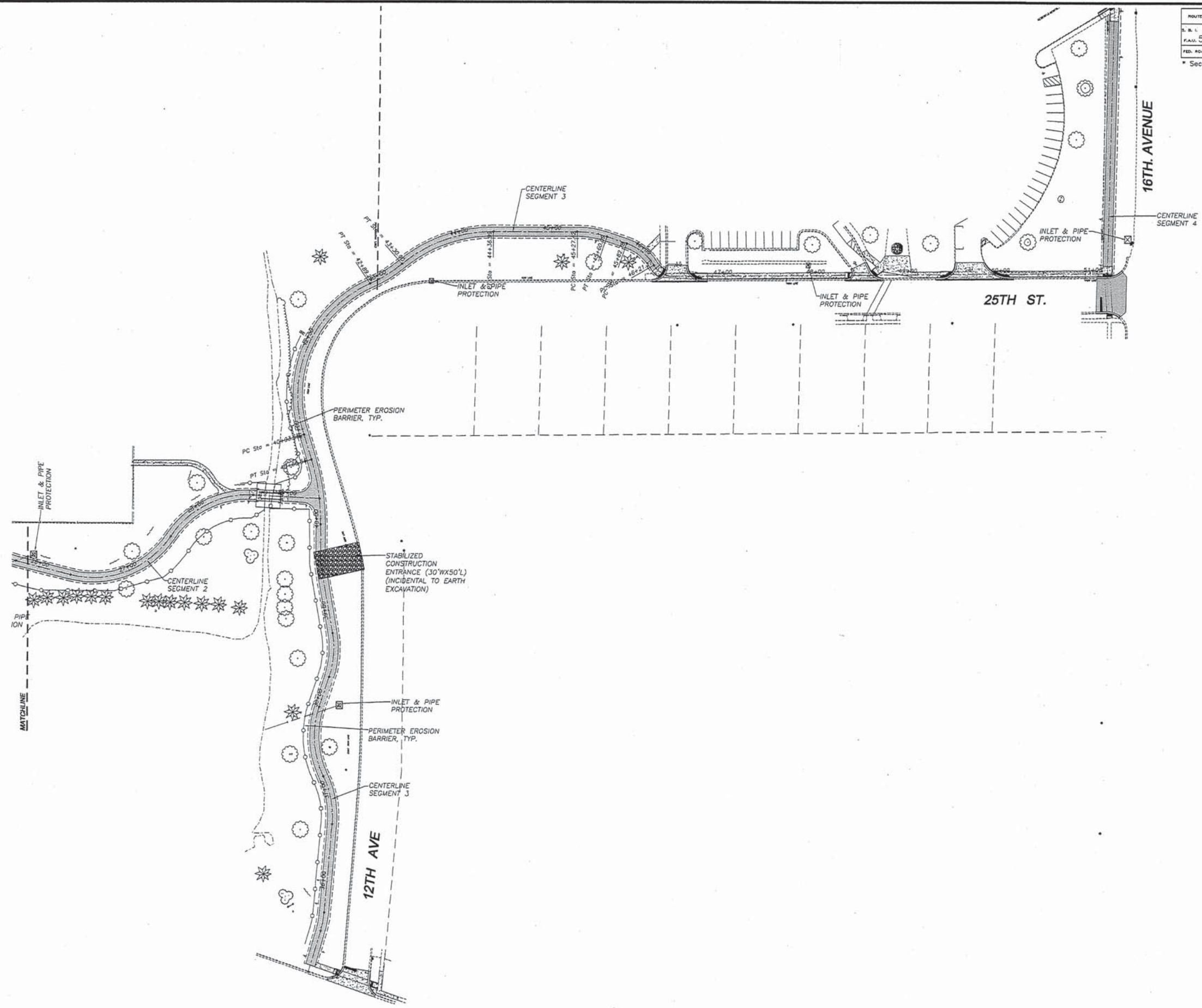
PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

SHEET TITLE
 EROSION CONTROL
 PLAN-EAST

JOB NUMBER
 2100031

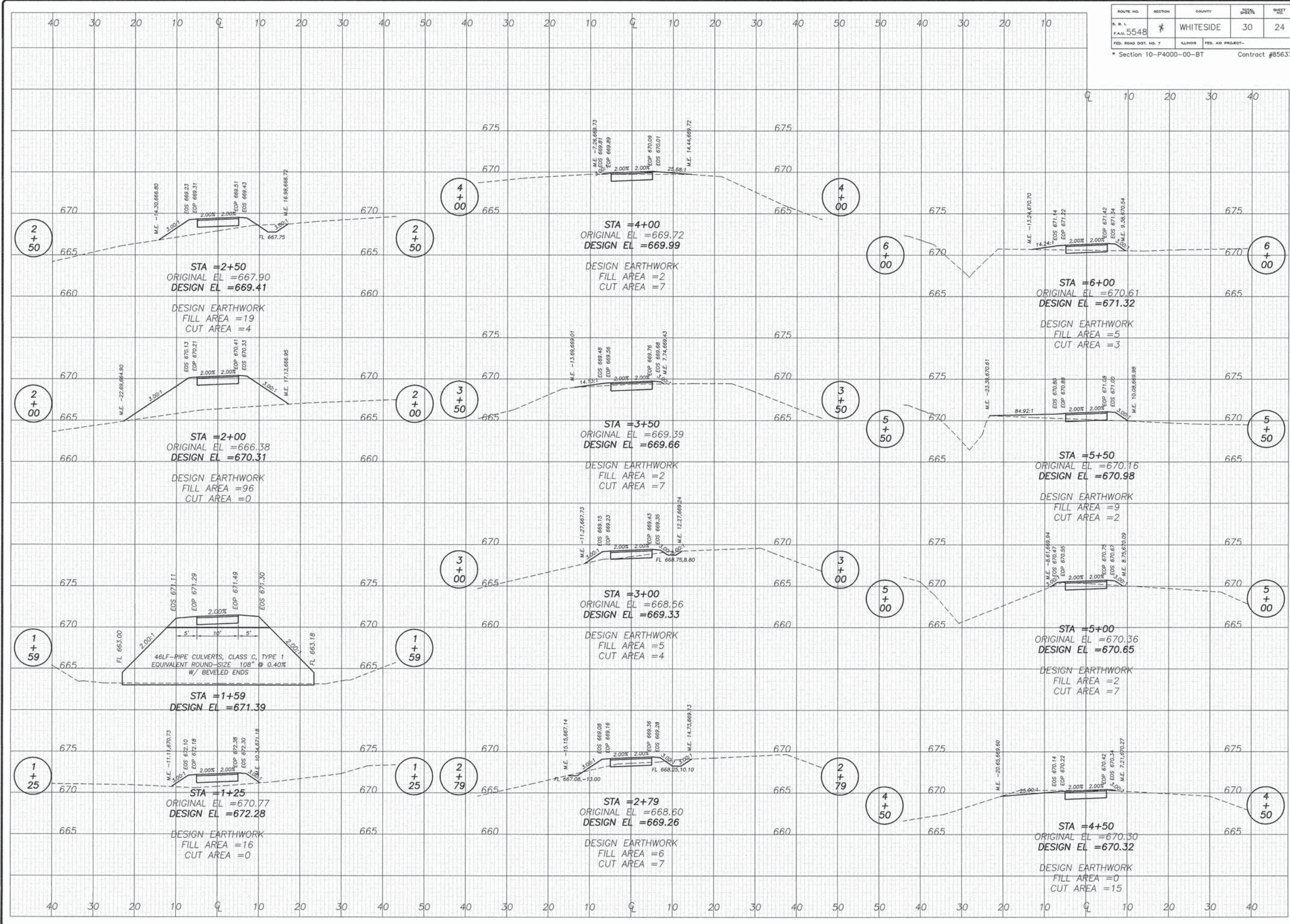
DATE
 03/25/2016

SHEET NO.
 23 of 30



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. L. F.A.U. 5548	*	WHITESIDE	30	24
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637



REVISIONS	
DATE	REVISION

DESIGNED BY:	DATE:
DRAWN BY:	REVISION:
EOS	
DRAWING NAME:	
SURVEYED BY:	
WES	
BOOK NO.:	

wendler
 wendler engineering services, inc.
 GEOTECHNICAL SOLUTIONS
 ENGINEERS SURVEYORS STATE ILL. REG. 2281
 WWW.WENDLERINC.COM
 Illinois Professional Design Firm No. 184-002948

PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

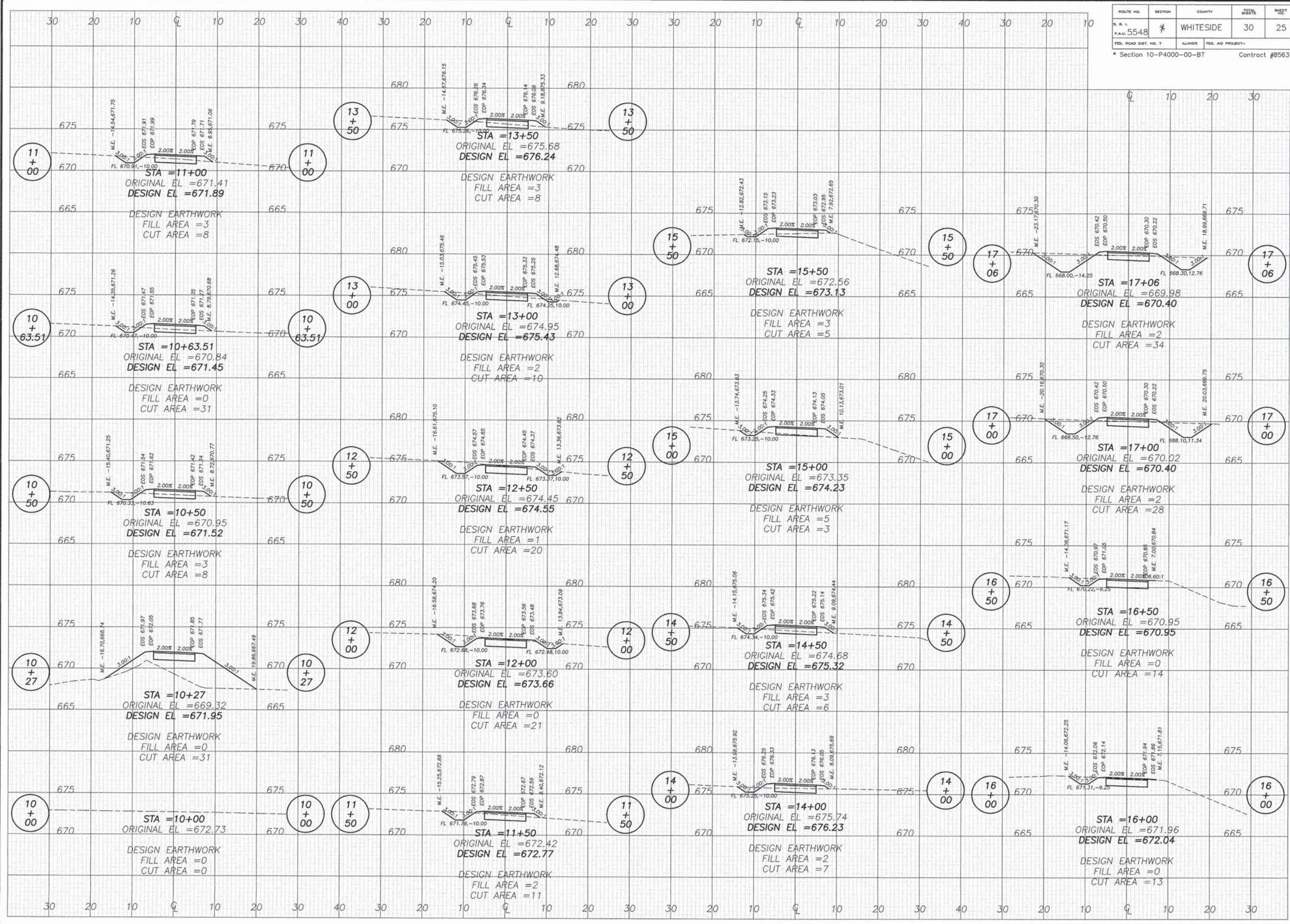
SHEET TITLE
 CROSS
 SECTION
 SEGMENT
 #1

JOB NUMBER
 2100031

DATE
 02/19/2016

SHEET NO.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. L. F.A.W. 5548	*	WHITESIDE	30	25
FED. ROAD DIST. NO. 7	ALWAYS	FED. AID PROJECT-		
* Section 10-P4000-00-BT			Contract #85637	



REVISIONS	
DATE	REVISION

wendler
 wendler engineering services, inc.
 GROUND-BREAKING SOLUTIONS
 engineers • surveyors • scientists
 www.wendlereng.com ph: 815.268.2261
 Illinois Professional Design Firm No. 184-005468

PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

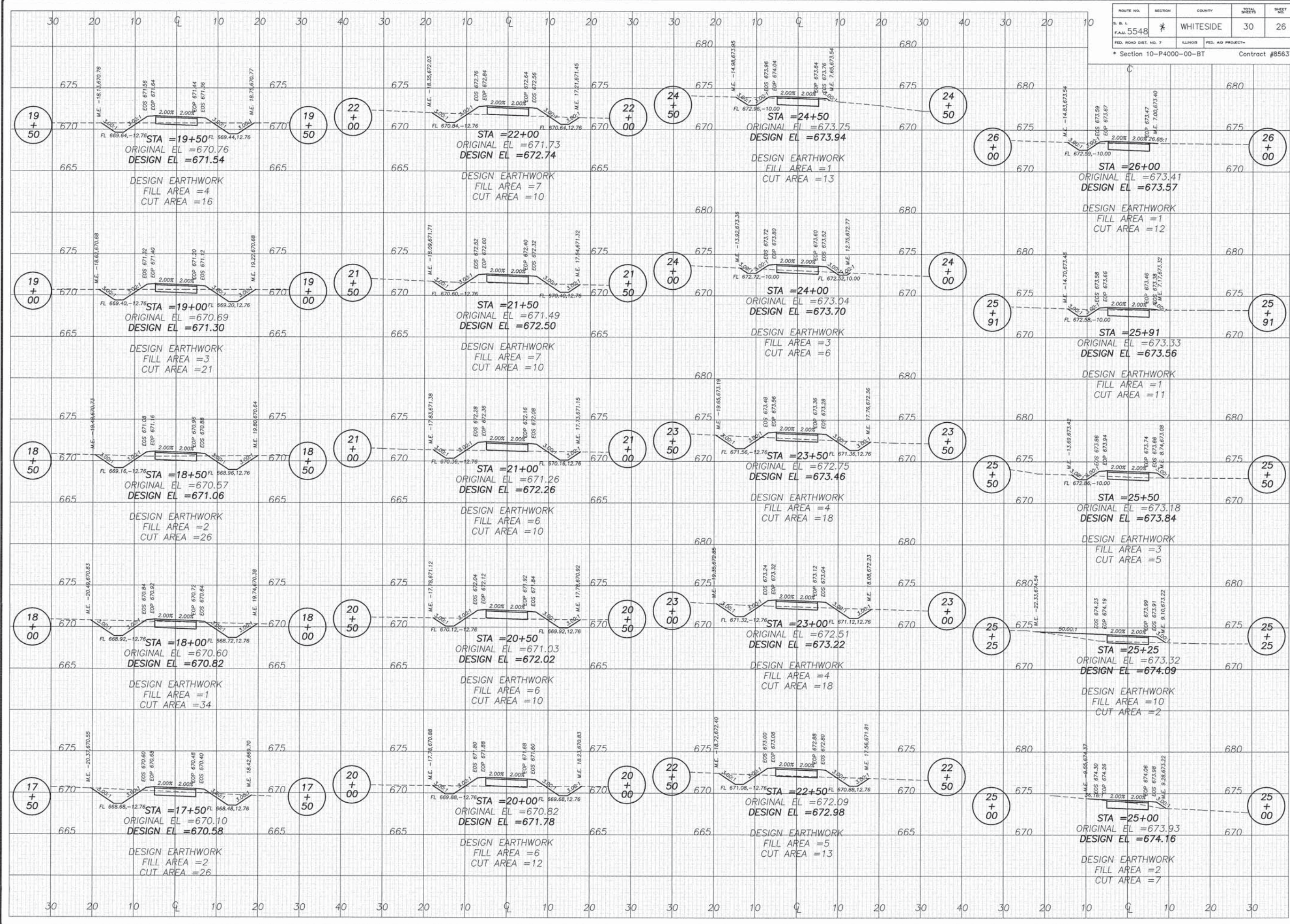
SHEET TITLE
 CROSS SECTION SEGMENT #2

JOB NUMBER
 2100031

DATE
 03/25/2016

SHEET NO.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 5548	*	WHITESIDE	30	26
FED. ROAD DIST. NO. 7	ALLIANCE	FED. AID PROJECT-		
* Section 10-P4000-00-BT			Contract #85637	



REVISIONS	DATE	REVISION

DESIGNED BY	DAVE
DRAWN BY	BUS
CHECKED BY	
DATE	
DRAWING NAME	
SCALE	
PROJECT NO.	
DATE	

wendler
 wendler engineering services, inc.
 geotechnical engineering
 engineers - surveyors - scientists
 www.wendlers.com pr. 815.281.2261
 license Professional Design Firm No. 164-000846

PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

SHEET TITLE
CROSS SECTION SEGMENT #2

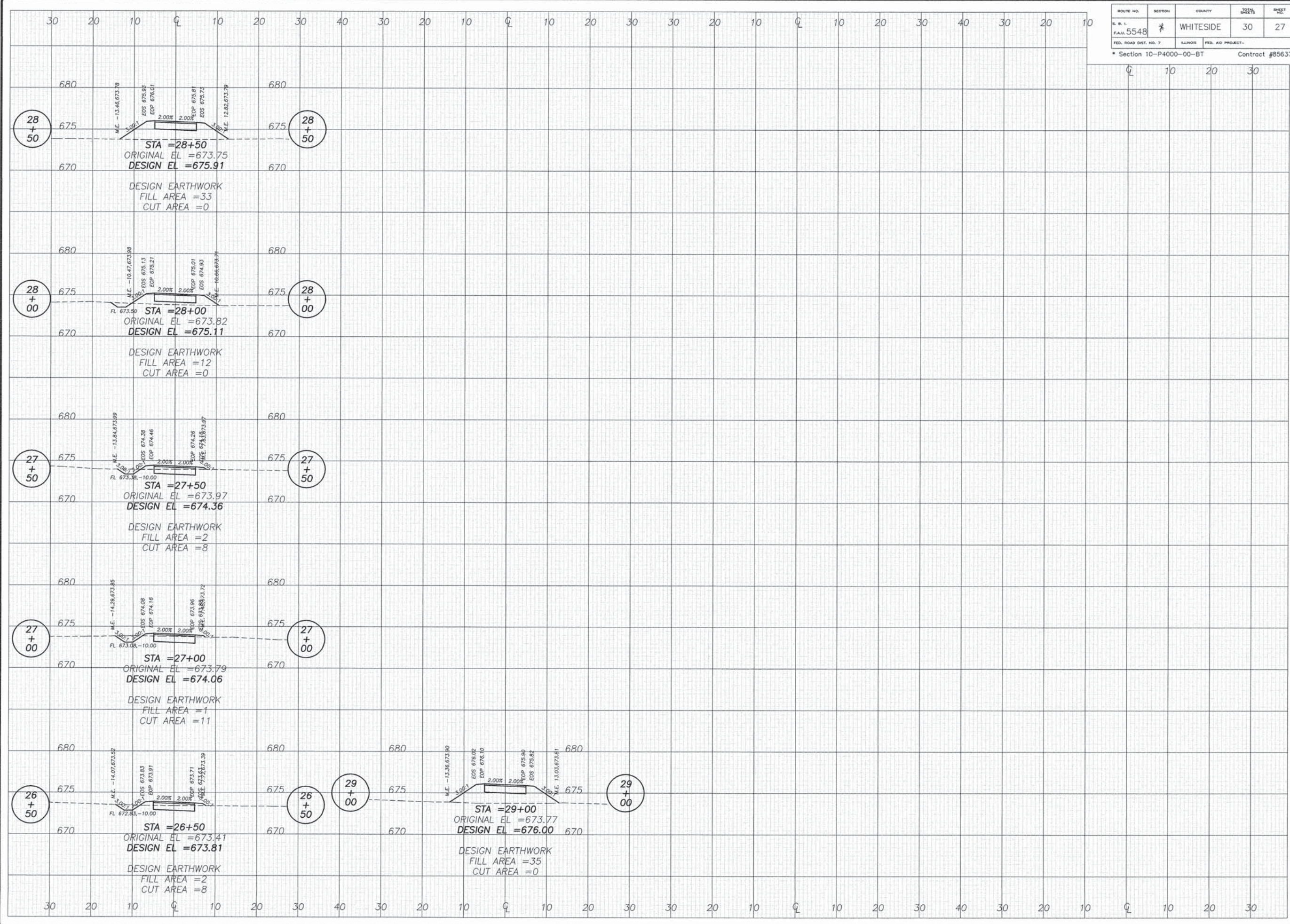
JOB NUMBER
 2100031

DATE
 03/25/2016

SHEET NO.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. R. I.	*	WHITESIDE	30	27
F.A.U. 5548				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 10-P4000-00-BT Contract #85637



REVISIONS	
DATE	REVISION

DESIGNED BY:	DAW
DRAWN BY:	BDS
CHECKED BY:	
DATE:	

wendler
 wendler engineering services, inc.
 ENGINEERING SOLUTIONS
 engineers, surveyors - state reg. no. 2261
 www.wendlereng.com
 Illinois Professional Design Firm No. 184-00948

PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

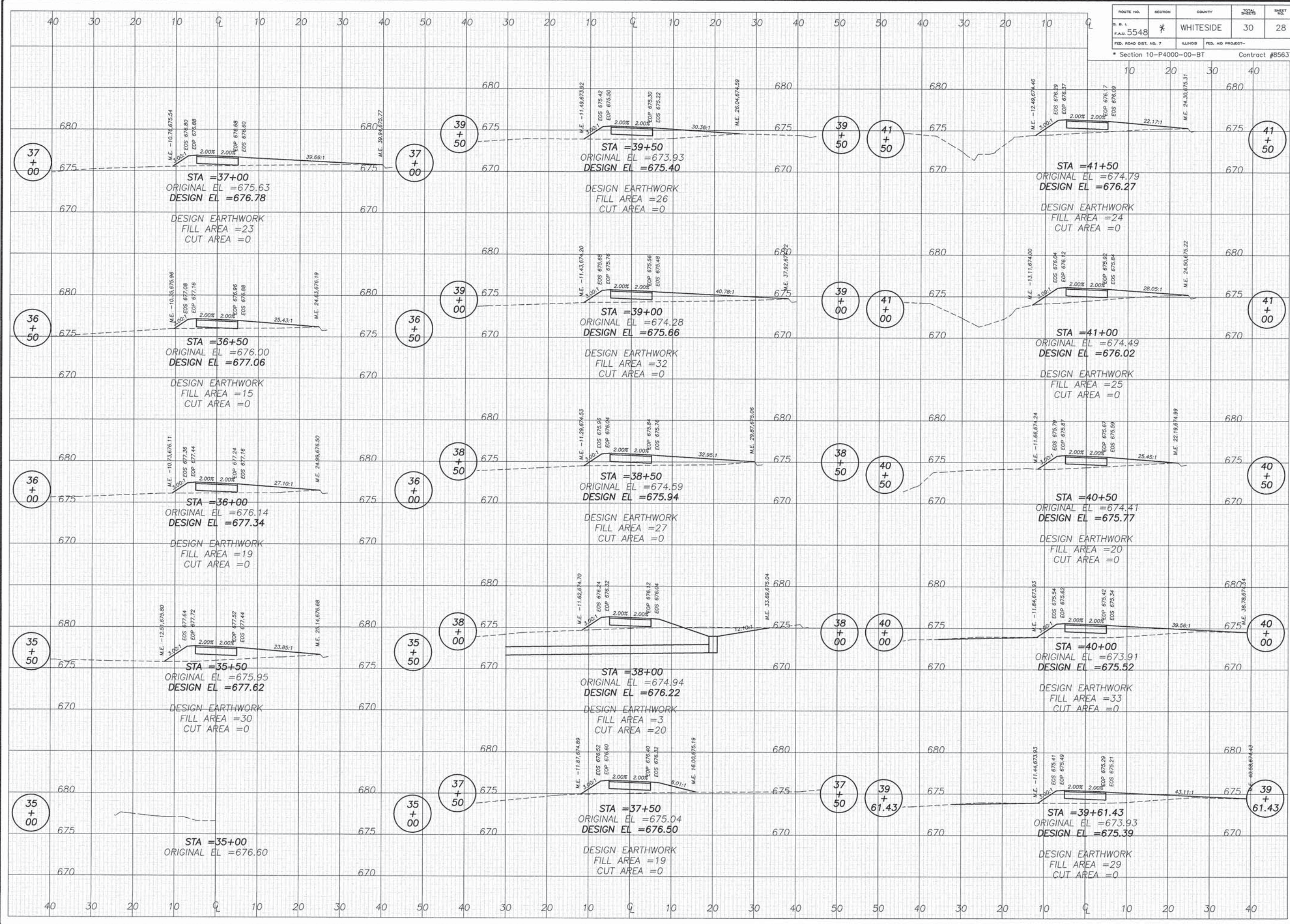
SHEET TITLE
CROSS SECTION SEGMENT #2

JOB NUMBER
 2100031

DATE
 03/25/2016

SHEET NO.
27 of 30

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. R. L. F.A.U. 5548	*	WHITESIDE	30	28
FED. ROAD DIST. NO. 7	KLH009	FED. AID PROJECT-	* Section 10-P4000-00-BT Contract #85637	



REVISIONS	
NO.	DESCRIPTION

DESIGNED BY:	DAW
DRAWN BY:	EDS
CHECKED BY:	EDS
DATE:	

wendler
 wendler engineering services, inc.
 GROUND-BREAKING SOLUTIONS
 engineers - surveyors - scientists
 www.wendlerinc.com phone: 610.288.2261
 1000 Pennsylvania Drive, Suite 100, P.O. Box 1000, Pottsville, PA 17854

PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

SHEET TITLE
CROSS SECTION SEGMENT #3

JOB NUMBER
 2100031

DATE
 03/25/2016

SHEET NO.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAA 5548	*	WHITESIDE	30	29
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-	Contract #	

* Section 10-P4000-00-BT

REVISIONS	
DATE	REVISION

DESIGNED BY:	DAW
DRAWN BY:	BDS
CHECKED BY:	WES
DATE:	

wendler
 wendler engineering services, inc.
 GROUND-BREAKING SOLUTIONS
 engineers, surveyors, scientists
 www.wendlerinc.com P.O. Box 2281
 Joliet, Illinois 61781-0281

PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

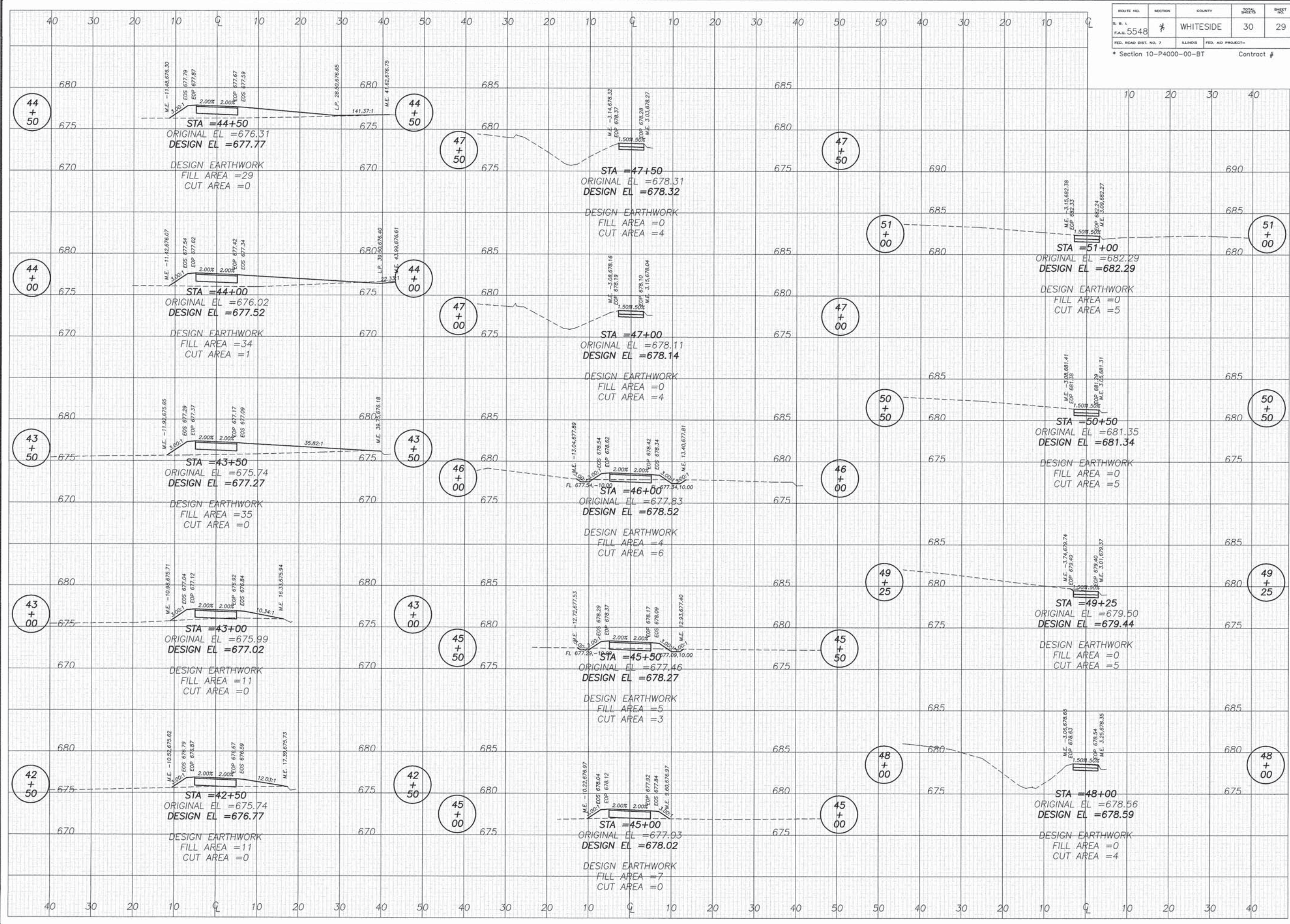
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JOB NUMBER
 2100031

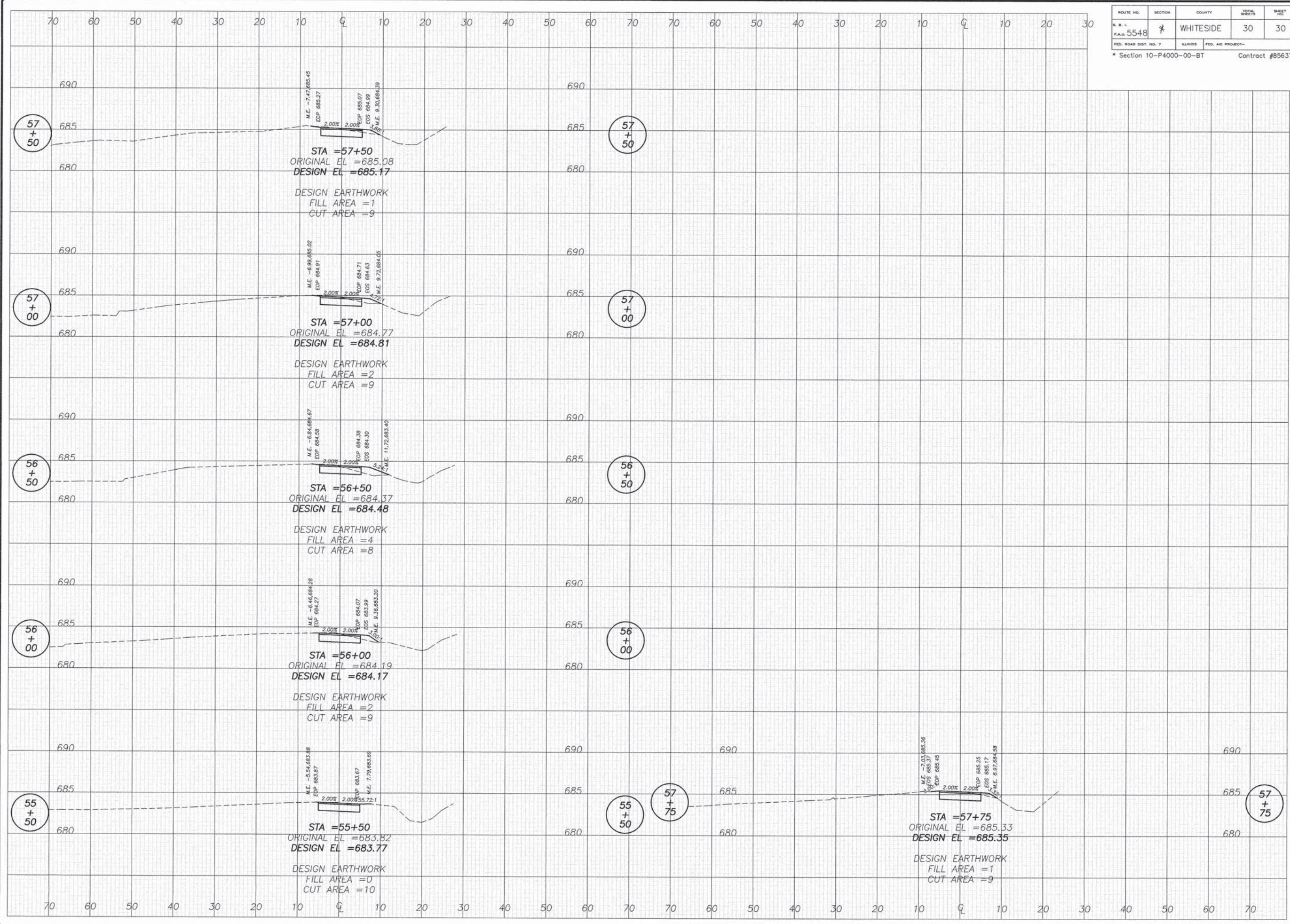
DATE
 03/25/2016

SHEET NO.

29 of 30



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. L. F.A.U. 5548	*	WHITESIDE	30	30
FED. ROAD DIST. NO. 7	LANDS	FED. AID PROJECT-		
* Section 10-P4000-00-BT			Contract #85637	



REVISIONS	
DATE	REVISION

DESIGNED BY:	DAW
DRAWN BY:	BDS
CHECKED BY:	
DATE:	

wendler
 wendler engineering services, inc.
 GROUND-BREAKING SOLUTIONS
 engineers, surveyors & planners
 1100 S. Jefferson Ave. Suite 100
 Springfield, IL 62761
 Illinois Professional Design Firm No. 184-000948

PLANS FOR PROPOSED
 OF
 LYNN BLVD SHARED-USE PATH
 FOR
 STERLING PARK DISTRICT

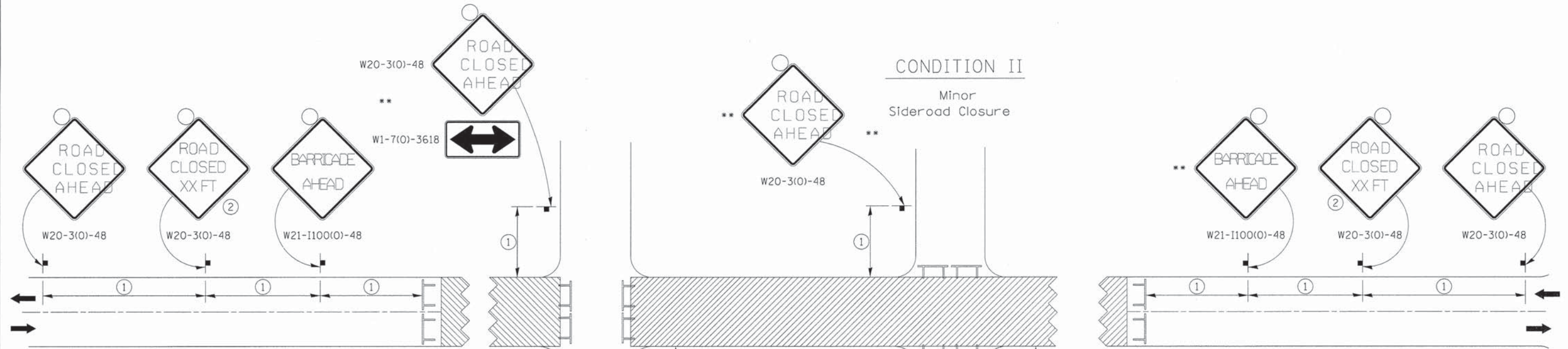
SHEET TITLE
CROSS SECTION SEGMENT #4

JOB NUMBER
 2100031

DATE
 03/25/2016

SHEET NO.
30 of 30

TRAFFIC CONTROL FOR ROAD CLOSURE



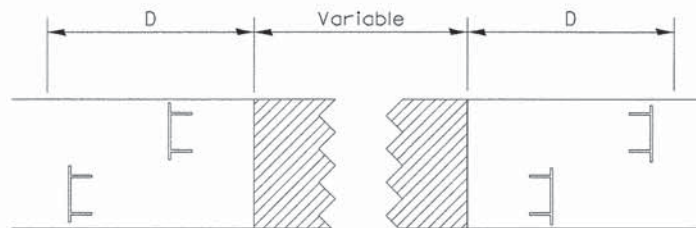
①

SIGN SPACING TABLE	
Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

②

SIGN LEGEND	
Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

CONDITION II

Minor Sideroad Closure

CONDITION I

Major Sideroad Closure

SYMBOLS

- Work area
- Type III Barricade with Flashers
- Sign with flashing light

GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

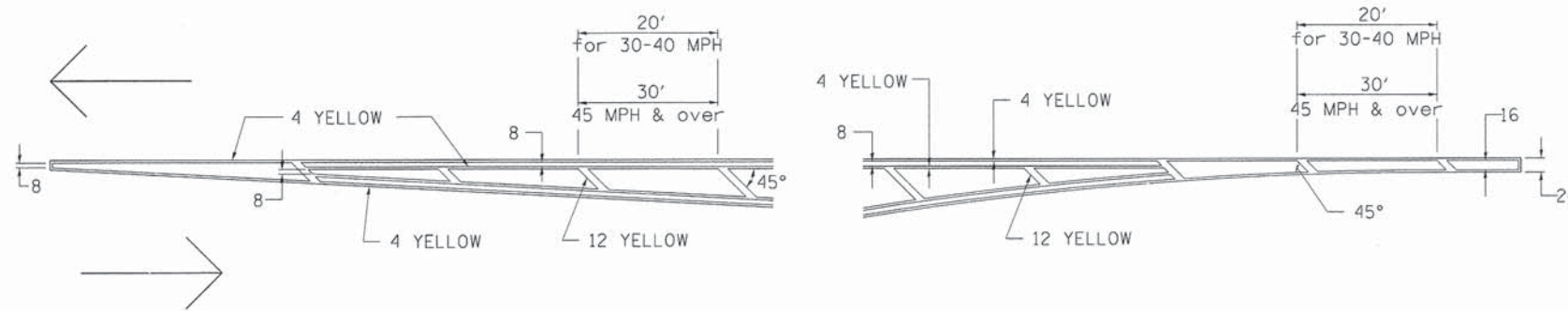
All dimensions are in inches unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

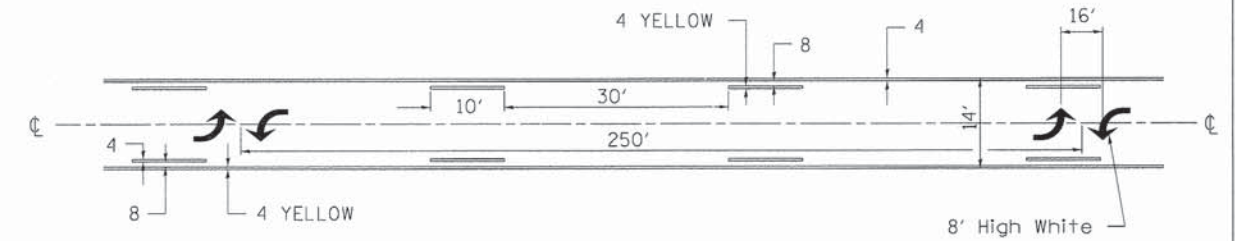
FILE NAME = District 2 Standard	USER NAME = 1001/District 2	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - 8-27-13		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 30A
		CHECKED -	REVISED - 10-17-11										
		DATE -	REVISED -										

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

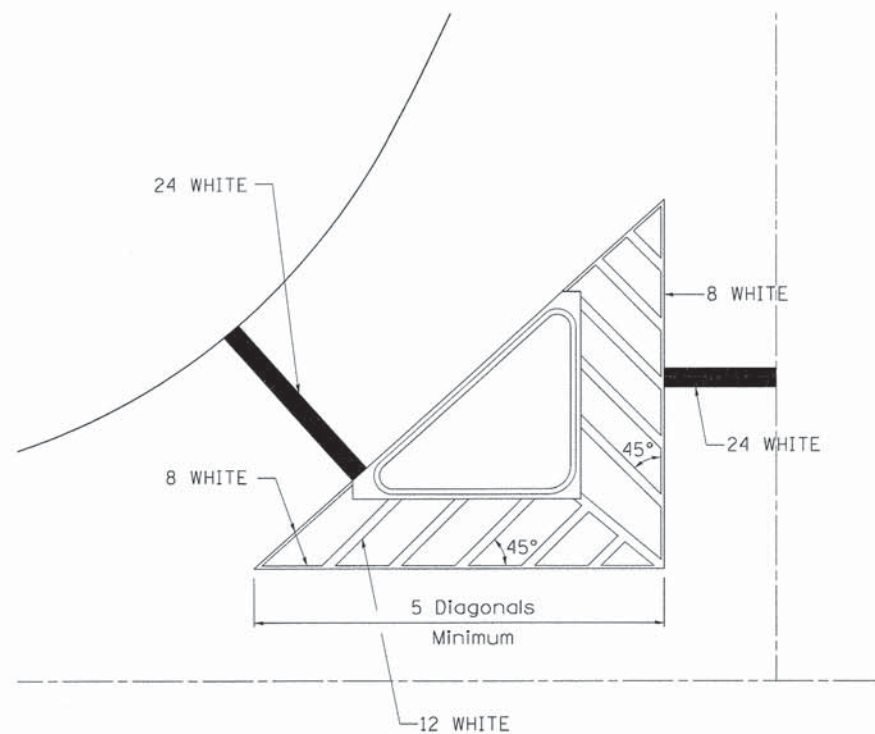


MEDIAN PAVEMENT MARKING



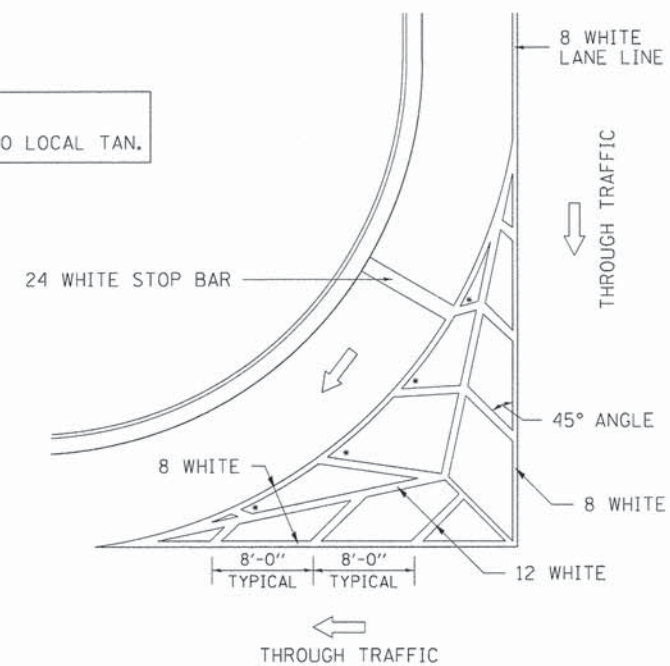
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



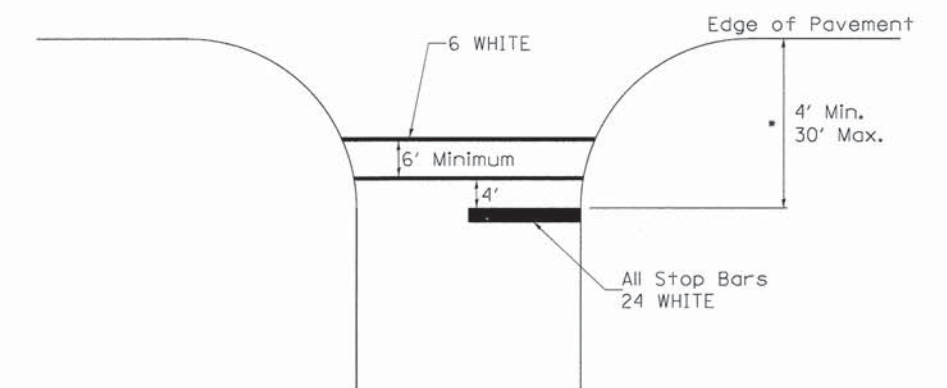
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

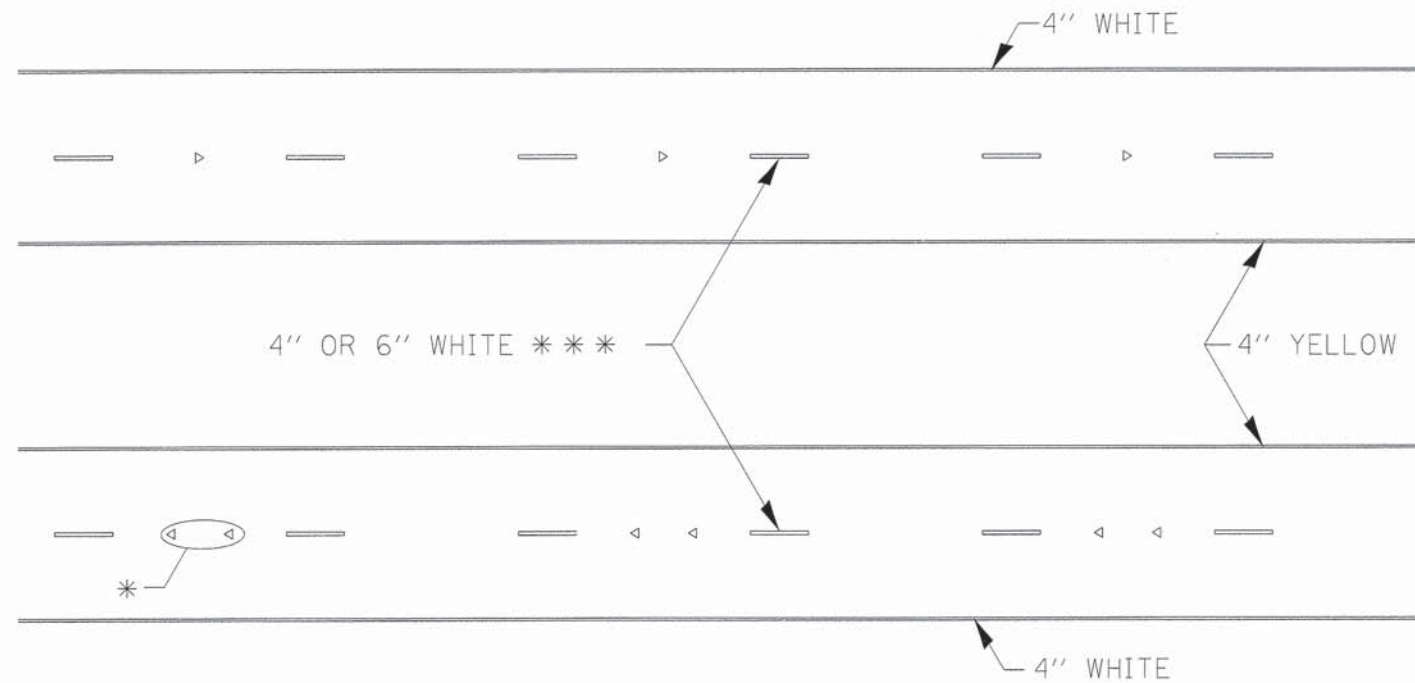
See Schedules for Locations



▪ Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

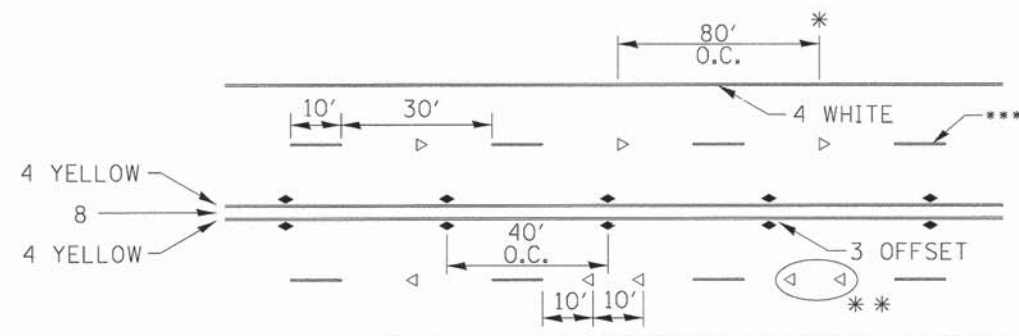
FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:8000' / in.	DRAWN -	REVISED - 3-05-12		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 30B
	PLOT DATE = 1/15/2016	CHECKED -	REVISED -										
		DATE -	REVISED -										

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT > 20,000.

MULTI-LANE / DIVIDED



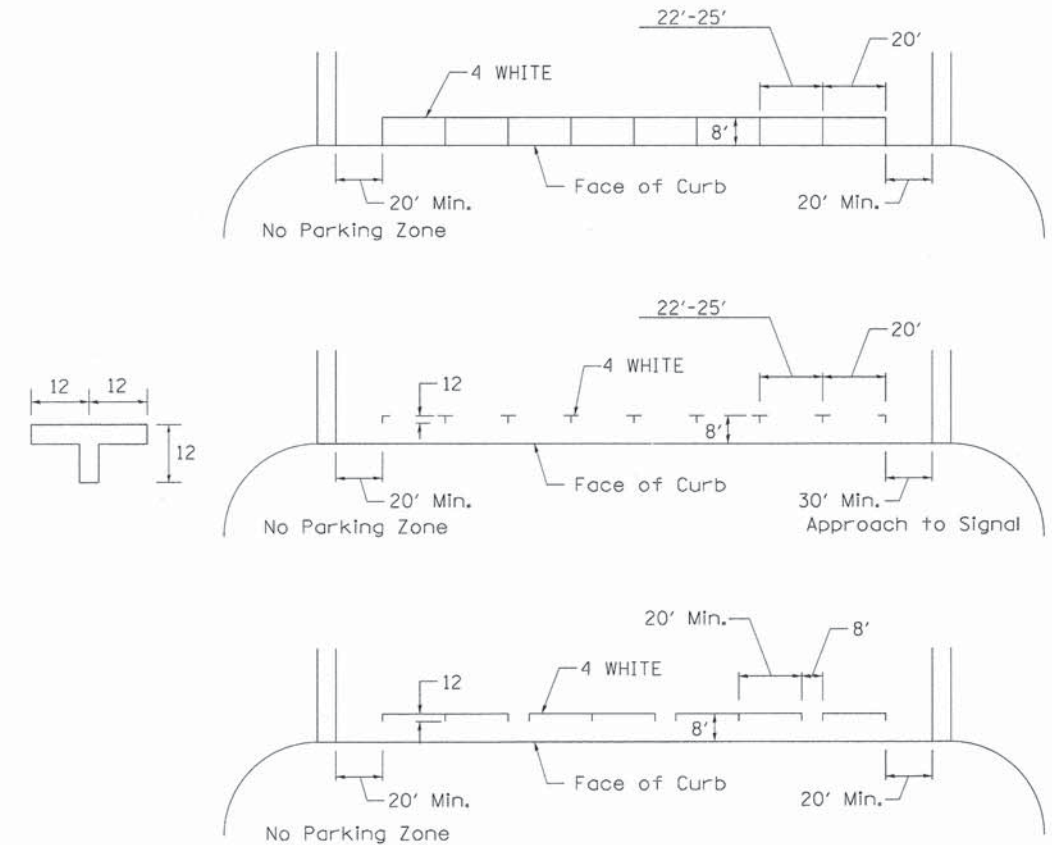
- * REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- ** USE DOUBLE MARKERS WHEN ADT ≥ 20,000
- *** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

MULTI-LANE / UNDIVIDED & ONE WAY

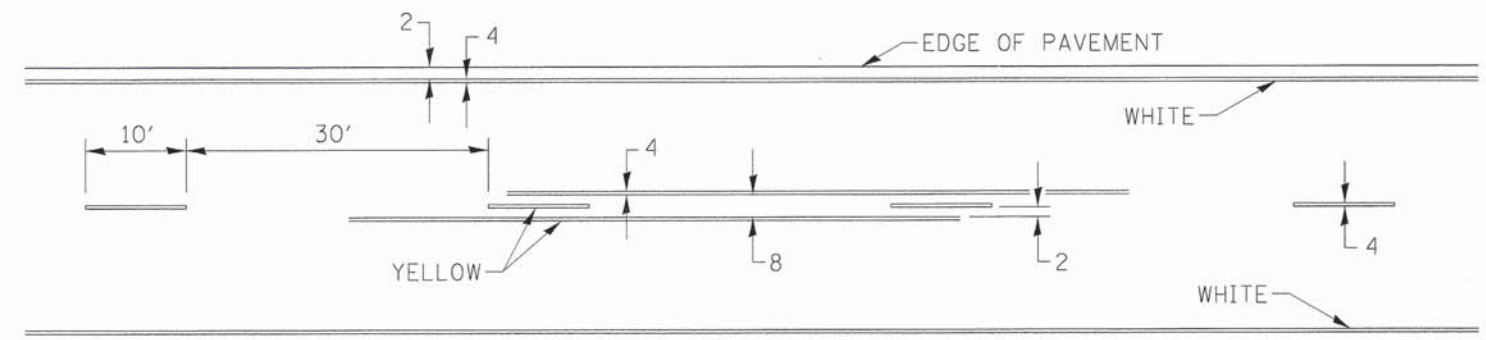
(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS
DETAIL NOT HIGHWAY STANDARD 781001)

SYMBOLS

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



FILE NAME = District 2 Standard	USER NAME = 1007/District 2	DESIGNED - DRAWN -	REVISED - 6-27-14 REVISED - 8-27-13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 1,0000' / 1in.	CHECKED -	REVISED - 11-28-12					CONTRACT NO. 300						
	PLOT DATE = 1/15/2016	DATE -	REVISED -					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.