

M:\12002 (ODOT D2 - Structural\_GES)\Task 2C - LUC-20A-3.55 4.55 (PID 94407) Roundabouts\DN\Roadway\94407\gn002.dgn 1/13/2020 4:49:48 PM SRC

**REVIEW OF DRAINAGE FACILITIES**

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

**POST CONSTRUCTION STORM WATER TREATMENT**

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

**ENVIRONMENTAL NOTES**

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND A MINIMUM HEIGHT OF 13 FEET.

THE PROJECT REQUIRES A WATERWAY PERMIT FOR WORK WITHIN WETLANDS AND STREAMS WHICH IS ATTACHED TO THE PLANS AS SPECIAL PROVISIONS AND SHALL BE FOLLOWED THROUGHOUT CONSTRUCTION.

**AQUATIC RESOURCE DEMARCATION:**

ALL AQUATIC RESOURCES INDICATED IN THE PLANS SHALL BE DEMARCATED IN THE FIELD AS PER SS 832 PRIOR TO SITE DISTURBANCE. SPECIFICALLY, WETLANDS 13A, 13D, 27, 28 AND 30 WILL HAVE SOME PERMANENT IMPACTS. THE REMAINDER OF THESE AQUATIC RESOURCES MUST BE DEMARCATED WITH A CONSTRUCTION FENCE AS TO ENSURE AVOIDANCE. THE FENCE SHALL REMAIN IN PLACE AND BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS. FOLLOWING THE COMPLETION OF THE PROJECT, THE FENCE AND POST SHALL BE REMOVED.

ITEM 607 - FENCE, MISC.: CONSTRUCTION FENCE - 315 FT HAS BEEN CARRIED TO THE GENERAL SUMMARY. FENCE SHALL BE 4 HIGH PLASTIC FENCE WITH 6 LONG POST.

**ITEM 609 - 8" CONCRETE TRAFFIC ISLAND, AS PER PLAN, TRUCK APRON**

TRUCK APRONS ARE TO BE CONSTRUCTED OF CONCRETE IN ACCORDANCE WITH ODOT SECTION 609, THE PROPOSED TYPICAL SECTIONS, AND THE FOLLOWING ADDITIONAL REQUIREMENTS:

CONCRETE IS TO BE BROOM FINISHED ACCORDING TO THE DETAIL BELOW.

CONCRETE IS TO BE COLORED WITH SOLOMON CONCRETE COLORING PRODUCTS 300 LIGHT BROWN (4 1/2 LBS/100 LBS OF CEMENT) OR APPROVED EQUAL AS APPROVED BY THE ENGINEER.

THIS ITEM WILL INCLUDE THE INSTALLATION, ALL MATERIALS, LABOR, AND SAMPLES AS NOTED ABOVE REQUIRED FOR A COMPLETE AND APPROVED CONCRETE PAVEMENT ALL TO THE SATISFACTION OF THE ENGINEER TO BE PAID AT THE UNIT PRICE BID FOR:

**ITEM 609 - 8" CONCRETE TRAFFIC ISLAND, AS PER PLAN, TRUCK APRON**

THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A 10' X 10' MOCKUP SAMPLE OF THE ABOVE WORK FOR ENGINEER APPROVAL PRIOR TO ACCEPTANCE AND PLACEMENT. THE ENGINEER RESERVES THE RIGHT TO CHANGE THE COLOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR UP TO 3 COLOR OPTIONS AND UP TO THREE (3) 10' X 10' MOCKUPS.

THE FOLLOWING ITEM HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR WORK LISTED ABOVE.

**ITEM 848 - TEST SLAB**

**ITEM 609 - 6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, SPLITTER ISLAND**

SPLITTER ISLANDS ARE TO BE CONSTRUCTED OF CONCRETE IN ACCORDANCE WITH ODOT SECTION 609, THE PROPOSED TYPICAL SECTIONS AND THE FOLLOWING ADDITIONAL REQUIREMENTS:

CONCRETE IS TO BE COLORED WITH SOLOMON CONCRETE COLORING PRODUCTS 300 LIGHT BROWN (4 1/2 LBS/100 LBS OF CEMENT) OR APPROVED EQUAL AS APPROVED BY THE ENGINEER. THE SPLITTER ISLANDS WILL MATCH THE COLORATION AND TEXTURE OF THE APPROVED TRUCK APRONS.

THIS ITEM WILL INCLUDE THE INSTALLATION, ALL MATERIALS, AND LABOR AS NOTED ABOVE REQUIRED FOR A COMPLETE AND APPROVED CONCRETE ISLAND TO THE SATISFACTION OF THE ENGINEER TO BE PAID AT THE UNIT PRICE BID FOR:

**ITEM 609 - 6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, SPLITTER ISLAND**

**ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING**

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

1. SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
2. EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING. THE EXCAVATION LIMITS ARE SHOWN AND LABELED ON SHEET 42 AS UNSUITABLE SUBGRADE. UNSUITABLE SUBGRADE INCLUDES UNSUITABLE SOIL (A-4B, A-2-5, A-5, A-7-5, AND SOIL WITH A LIQUID LIMIT GREATER THAN 65) AND ANY COAL, SHALE, OR ROCK WHICH NEEDS TO BE REMOVED ACCORDING TO 204.05.  
  
IF THERE IS UNSUITABLE SUBGRADE IN A SHALLOW FILL LOCATION, EXCAVATE AND REPLACE THE UNSUITABLE SUBGRADE BEFORE CONSTRUCTING THE SHALLOW FILL AND SHAPING THE SUBGRADE.
3. COMPACT THE SUBGRADE ACCORDING TO 204.03.
4. APPROXIMATE LIMITS FOR EXCAVATION OF UNSTABLE SUBGRADE ARE SHOWN AND LABELED ON SHEET 42 AS UNSTABLE SUBGRADE. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.  
  
PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO 204.06.
5. EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO 204.07. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.
6. PROOF ROLL THE STABILIZED AREAS ACCORDING TO 204.06 TO VERIFY STABILITY.
7. FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

THE QUANTITIES FOR EXCAVATING THE UNSUITABLE SUBGRADE AND UNSTABLE SUBGRADE ARE BOTH PAID UNDER ITEM 204 EXCAVATION OF SUBGRADE.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 204 - EXCAVATION OF SUBGRADE	765 CY
ITEM 204 - GRANULAR MATERIAL, TYPE B	765 CY

**ITEM 204 - PROOF ROLLING**

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING.

ITEM 204 - PROOF ROLLING 8 HOUR.

**ITEM 204 - GRANULAR MATERIAL, TYPE B, AS PER PLAN**

UPON COMPLETION OF PROOF ROLLING AND AT THE DIRECTION OF THE ENGINEER THE CONTRACTOR SHALL REMOVE 12 INCHES OF UNSUITABLE SOIL AND REPLACE WITH 12" OF ITEM 204 - GRANULAR MATERIAL, TYPE B.

THE FOLLOWING CONTINGENCY QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK ABOVE.

ITEM 204 - EXCAVATION OF SUBGRADE, AS PER PLAN	1150 CY
ITEM 204 - GRANULAR MATERIAL, TYPE B, AS PER PLAN	1150 CY

**AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS**

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 25 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

EXPRESS PROCESSING CENTER  
THE FEDERAL AVIATION ADMINISTRATION  
SOUTHWEST REGIONAL OFFICE  
AIR TRAFFIC AIRSPACE BRANCH ASW-520  
2601 MEACHAN BLVD.  
FORT WORTH, TX 76137-4298

OHIO DEPARTMENT OF TRANSPORTATION  
OFFICE OF AVIATION  
2829 WEST DUBLIN-GRANVILLE ROAD  
COLUMBUS, OHIO 43235-2786  
614-387-2358

CALCULATED  
ADC  
CHECKED  
ALZ

**GENERAL NOTES**

**LUC-20A-3.47 / 4.47**

**ITEM 614, MAINTAINING TRAFFIC**

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 90 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET 13. TO KEEP LOCAL TRAFFIC FLOW POSSIBLE, ONLY ONE ROUNDABOUT MAY BE CONSTRUCTED AT A TIME. THE TOTAL CLOSURE PERIOD SHALL NOT EXCEED 45 CONSECUTIVE CALENDAR DAYS PER INTERSECTION.

THE 90 DAY CLOSURE PERIOD FOR ROUNDABOUT CONSTRUCTION SHALL BEGIN NO SOONER THAN 7/13/20. THE ROUNDABOUT CONSTRUCTION, INCLUDING THE PLACEMENT OF SURFACE COURSE AND ALL SAFETY ITEMS, SHALL BE COMPLETED AND OPEN TO TRAFFIC BY 10/31/20.

A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$3000 FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

THE CONTRACTOR MAY CLOSE THE NORTH AND SOUTH LEGS OF EACH INTERSECTION PRIOR TO THE OFFICIAL FULL INTERSECTION CLOSURE AT THE APPROVAL OF THE ENGINEER.

SR 20A MAY BE CLOSED FOR ONE (1) NIGHT (9PM TO 6AM) FOR THE INSTALLATION OF THE DRAINAGE CROSSOVER AT STA. 191+93.25.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT THE POINT OF CLOSURE.

NOTICE OF CLOSURE SIGN TIME TABLE		
ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
ROAD CLOSURES	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN A GENERAL SWITCHBOARD NUMBER.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE LOCATIONS SHOWN ON THE DETOUR MAP DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES AT THE LOCATIONS SHOWN ON THE DETOUR MAP.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

**NOTIFICATION OF TRAFFIC RESTRICTIONS**

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (Hauling.Permits@dot.ohio.gov) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

THE PROJECT ENGINEER WILL FORWARD ALL INFORMATION TO THE FOLLOWING:

DISTRICT PUBLIC INFORMATION OFFICER (PIO)  
BY PHONE AT: (419) 373-4428  
OR EMAIL AT: d02.pio@dot.ohio.gov

DISTRICT PERMIT SECTION  
BY PHONE AT: (419) 373-4301  
OR EMAIL AT: do2.permits@dot.ohio.gov

CENTRAL OFFICE SPECIAL HAULING PERMITS SECTION  
BY PHONE AT: (614) 351-2300  
OR EMAIL AT: hauling.permits@dot.ohio.gov

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORSEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE

**DUST CONTROL**

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER 23 M. GAL

**ACCESS**

THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE PROPERTY ON SR 295 (BERKEY SOUTHERN) NORTH OF SR 20A UNTIL SUCH A TIME THAT IT IS PHYSICALLY IMPOSSIBLE DUE TO CONSTRUCTION ACTIVITIES.

**PROJECT COORDINATION**

THE WORK ON THIS PROJECT IS SCHEDULED SO THAT THE CONSTRUCTION TAKES PLACE AT THE SAME TIME AS PID 106939 (LUC-20A-6.59) WHICH INCLUDES THE CONSTRUCTION OF A ROUNDABOUT AT US 20A & WECKERLY RD. THE ROUNDABOUT ASSOCIATED WITH PID 106393 WILL REQUIRE A MINIMUM 45 DAY CLOSURE AND IS SCHEDULED TO BE OPEN TO TRAFFIC NO LATER THAN 10/31/20. SPECIAL ATTENTION SHOULD BE DIRECTED TO C&MS 105.05 & 105.08 WHEN PREPARING BIDS AND SCHEDULING WORK.

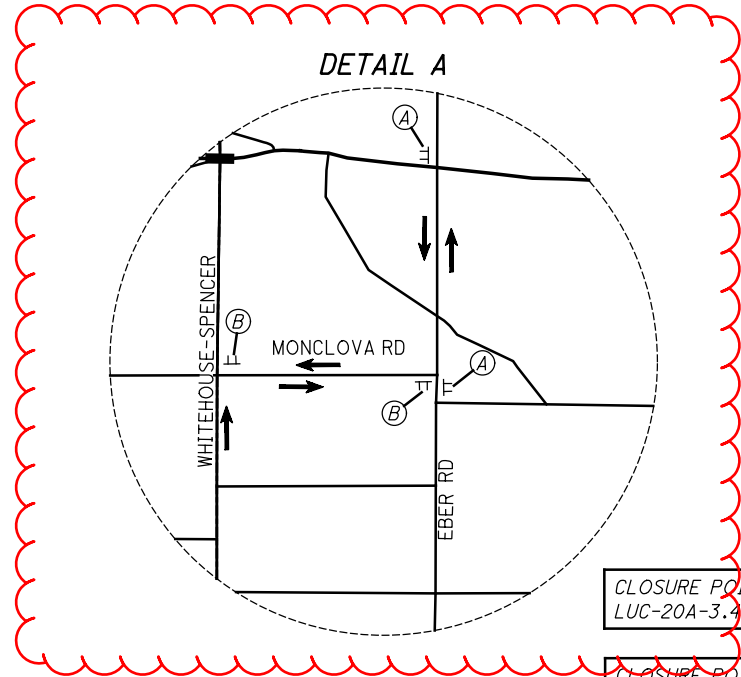
**HAUL ROADS**

THE FOLLOWING LOCAL ROADS HAVE BEEN PRE-APPROVED AS HAUL ROADS FOR THE PROJECT:

FORD ST. BETWEEN US 24 AND DUSSEL DRIVE  
DUSSEL DRIVE/SALISBURY ROAD BETWEEN FORD ST. AND WECKERLY RD. (ROUNDABOUT SCHEDULED FOR SALISBURY ROAD/ALBON ROAD IN SUMMER OF 2020 WITH AN ANTICIPATED COMPLETION DATE OF 8/15/20)  
WECKERLY ROAD BETWEEN MONCLOVA ROAD AND EBER ROAD  
MONCLOVA ROAD BETWEEN US 24 AND SR 295  
EBER ROAD BETWEEN MONCLOVA ROAD AND SR 2  
CRISSEY ROAD BETWEEN US 20A AND SR 2  
ALBON ROAD BETWEEN MONCLOVA ROAD AND SR 2 (ROUNDABOUT SCHEDULED FOR ALBON ROAD/SALISBURY ROAD IN SUMMER OF 2020 WITH AN ANTICIPATED COMPLETION DATE OF 8/15/20)  
WATERVILLE-MONCLOVA ROAD BETWEEN SOUTH RIVER ROAD AND MONCLOVA ROAD  
DUTCH ROAD BETWEEN S. WATERVILLE-MONCLOVA ROAD AND N. WATERVILLE-MONCLOVA ROAD  
SOUTH RIVER ROAD/ANTHONY WAYNE TRAIL BETWEEN SR 64 AND SR 295

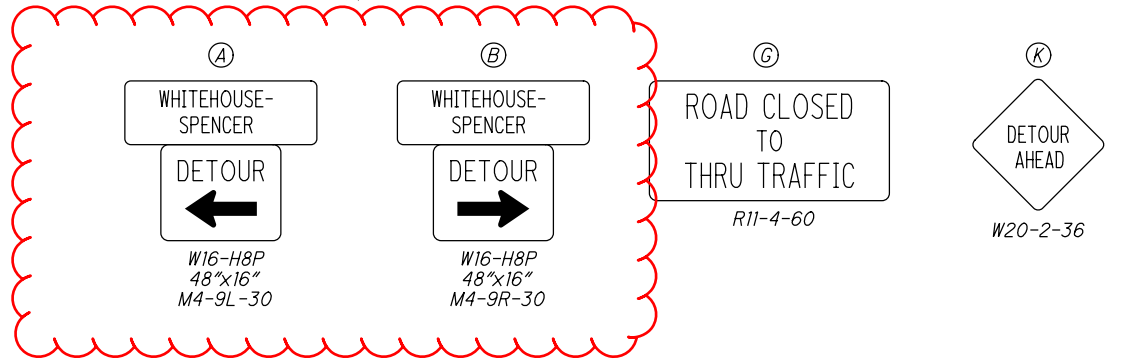
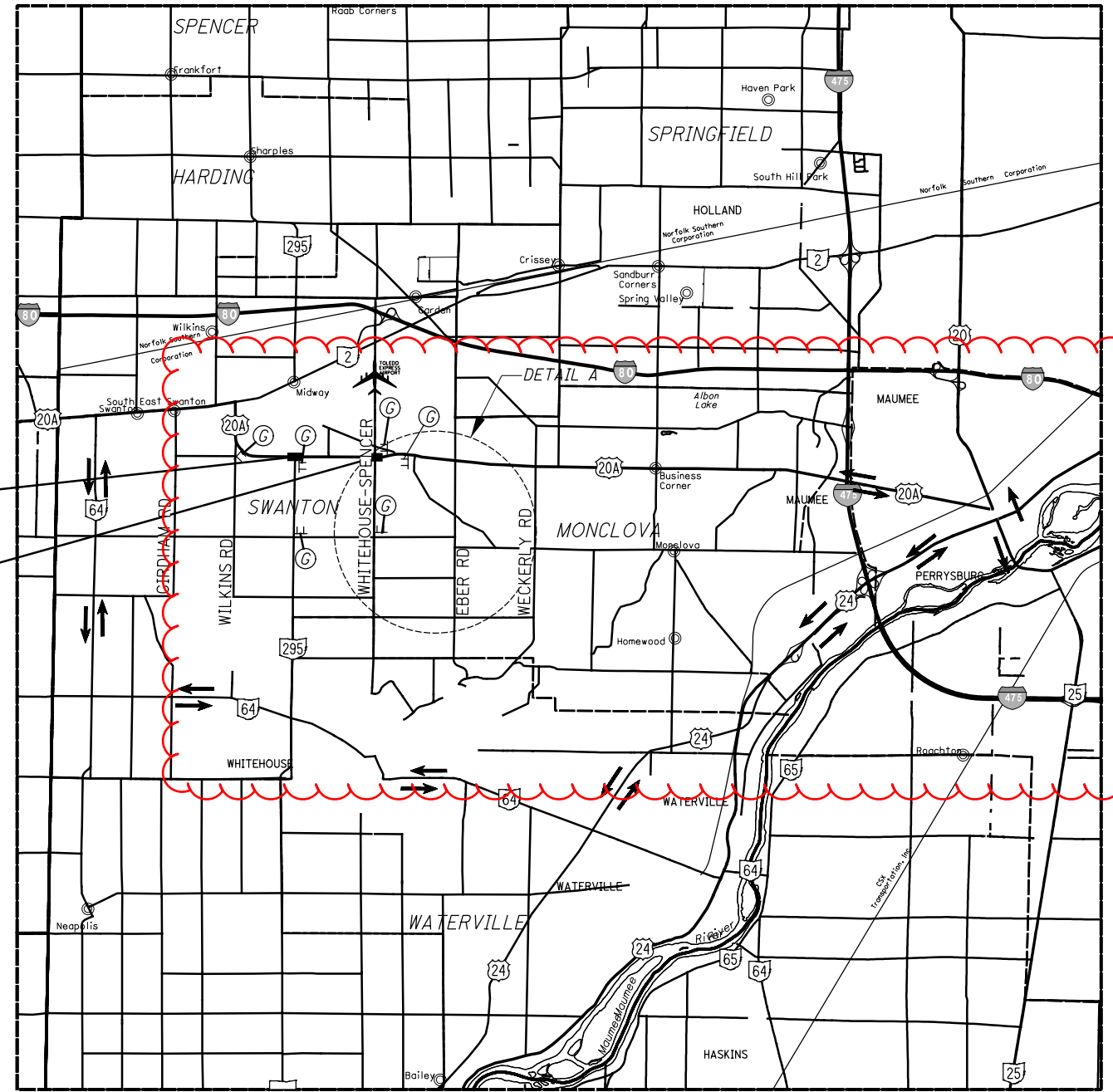
M:\2002\ODOT D2 - Structural\GES\Task 2C - LUC-20A-3.55 4.55 (PID 94407) Roundabout\BEG\DOT\94407\mm001.dgn 1/13/2020 4:50:26 PM SRC

NOTES:  
 PLACE ADVANCE DETOUR SIGN ASSEMBLIES 1000' PRIOR TO LOCATIONS OF REGULAR DETOUR SIGN ASSEMBLIES SHOWN ON MAP, USE M5-1L(R)-30 IN PLACE OF M6-1L(R)-30.  
 PLACE DETOUR AHEAD SIGN "K" 1500' PRIOR TO ADVANCE DETOUR SIGN ASSEMBLIES



CLOSURE POINT  
LUC-20A-3.47

CLOSURE POINT  
LUC-20A-4.47



CALCULATED  
 ADC  
 CHECKED  
 SRC

MAINTENANCE OF TRAFFIC

LUC-20A-3.47 / 4.47

M:\12002 (ODOT D2 - Structural GES)\Task 2C - LUC-20A-3.55 4.55 (PID 94407) Roundabouts\DGN\Roadway\94407GG01.dgn 3/26/2020 1:40:19 PM ADC

SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
10	11	12	16	17	18	19	56	65	72	79	01/NHS/ PV	02/S>2 /PV	03/S>2 /BR						
											LS	LS		201	11000	LS		<b>ROADWAY</b>	
				7							2	5		202	20010	7	EACH	CLEARING AND GRUBBING	
						774					774			202	23000	774	SY	HEADWALL REMOVED	
						9,725					5,637	4,088		202	23010	9,725	SY	PAVEMENT REMOVED	
				110							82	28		202	35100	110	FT	PAVEMENT REMOVED, ASPHALT	
																		PIPE REMOVED, 24" AND UNDER	
				130								130		202	35200	130	FT	PIPE REMOVED, OVER 24"	
				1							1			202	58100	1	EACH	CATCH BASIN REMOVED	
			443								443			202	75000	443	FT	FENCE REMOVED	
				1,343							689	654		203	10000	1,343	CY	EXCAVATION	
				6,453							4,137	2,316		203	20000	6,453	CY	EMBANKMENT	
						16,567					10,530	6,037		204	10000	16,567	SY	SUBGRADE COMPACTION	
	765											765		204	13000	765	CY	EXCAVATION OF SUBGRADE	
	1,150										1,150			204	13001	1,150	CY	EXCAVATION OF SUBGRADE, AS PER PLAN	11
	765											765		204	30010	765	CY	GRANULAR MATERIAL, TYPE B	
	1,150										1,150			204	30011	1,150	CY	GRANULAR MATERIAL, TYPE B, AS PER PLAN	11
											5	3		204	45000	8	HOUR	PROOF ROLLING	
												112.5		606	15050	112.5	FT	GUARDRAIL, TYPE MGS	
				1								1		606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E	
				1								1		606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
											30	285		607	98000	315	FT	FENCE, MISC.: CONSTRUCTION FENCE	11
										1		1		623	38500	1	EACH	MONUMENT ASSEMBLY	
																		<b>EROSION CONTROL</b>	
					32						18	14		601	21050	32	SY	TIED CONCRETE BLOCK MAT, TYPE 1	
				58							18	40		601	32204	58	CY	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	
											14	9		616	10000	23	MGAL	WATER	
			23								782	491		659	00300	1,273	CY	TOPSOIL	
	1,273										7,066	4,400		659	10000	11,466	SY	SEEDING AND MULCHING	
	11,466																		
											0.95	0.6		659	20000	1.55	TON	COMMERCIAL FERTILIZER	
	1.55										38	24		659	35000	62	MGAL	WATER	
	62										LS	LS		832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
											22,000	22,000		832	30000	44,000	EACH	EROSION CONTROL	
																		<b>DRAINAGE</b>	
				2.4							1.7	0.7		602	20000	2.4	CY	CONCRETE MASONRY	
					3,123						2,441	682		605	13300	3,123	FT	6" UNCLASSIFIED PIPE UNDERDRAINS	
					2,453						871	1,582		605	14000	2,453	FT	6" BASE PIPE UNDERDRAINS	
					512						307	205		611	01500	512	FT	6" CONDUIT, TYPE F	
				313							259	54		611	04400	313	FT	12" CONDUIT, TYPE B	
											64			611	04900	64	FT	12" CONDUIT, TYPE D	
				64							71			611	05700	71	FT	15" CONDUIT, TYPE A	
				71								67		611	05900	67	FT	15" CONDUIT, TYPE B	
				67							1			611	98180	1	EACH	CATCH BASIN, NO. 3A	
				1							1	1		611	99574	2	EACH	MANHOLE, NO. 3	
				2															
											10	8		611	99710	18	EACH	PRECAST REINFORCED CONCRETE OUTLET	
																		<b>PAVEMENT</b>	
						2,882					1,738	1,144		301	46000	2,882	CY	ASPHALT CONCRETE BASE, PG64-22	
						2,497					1,582	915		304	20000	2,497	CY	AGGREGATE BASE	
						1,254					756	498		407	10000	1,254	GAL	TACK COAT	
						477					288	189		442	10001	477	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M	10
						554					334	220		442	10101	554	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN, PG76-22M	10
											721			452	14110	721	SY	11" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1	
											1,542	1,254		609	12000	2,796	FT	COMBINATION CURB AND GUTTER, TYPE 2	
				2,796							245	182		609	14000	427	FT	CURB, TYPE 2-A	
				427							358	429		609	18000	787	FT	COMBINATION CURB AND GUTTER, TYPE 3	
				787							83			609	20000	83	FT	CURB, TYPE 3-A	
				83															
											1,155	511		609	26000	1,666	FT	CURB, TYPE 6	
				1,666							863	192		609	54001	1,055	SY	6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, SPLITTER ISLAND	11
				1,055							506	447		609	57001	953	SY	8" CONCRETE TRAFFIC ISLAND, AS PER PLAN, TRUCK APRON	11
				953															

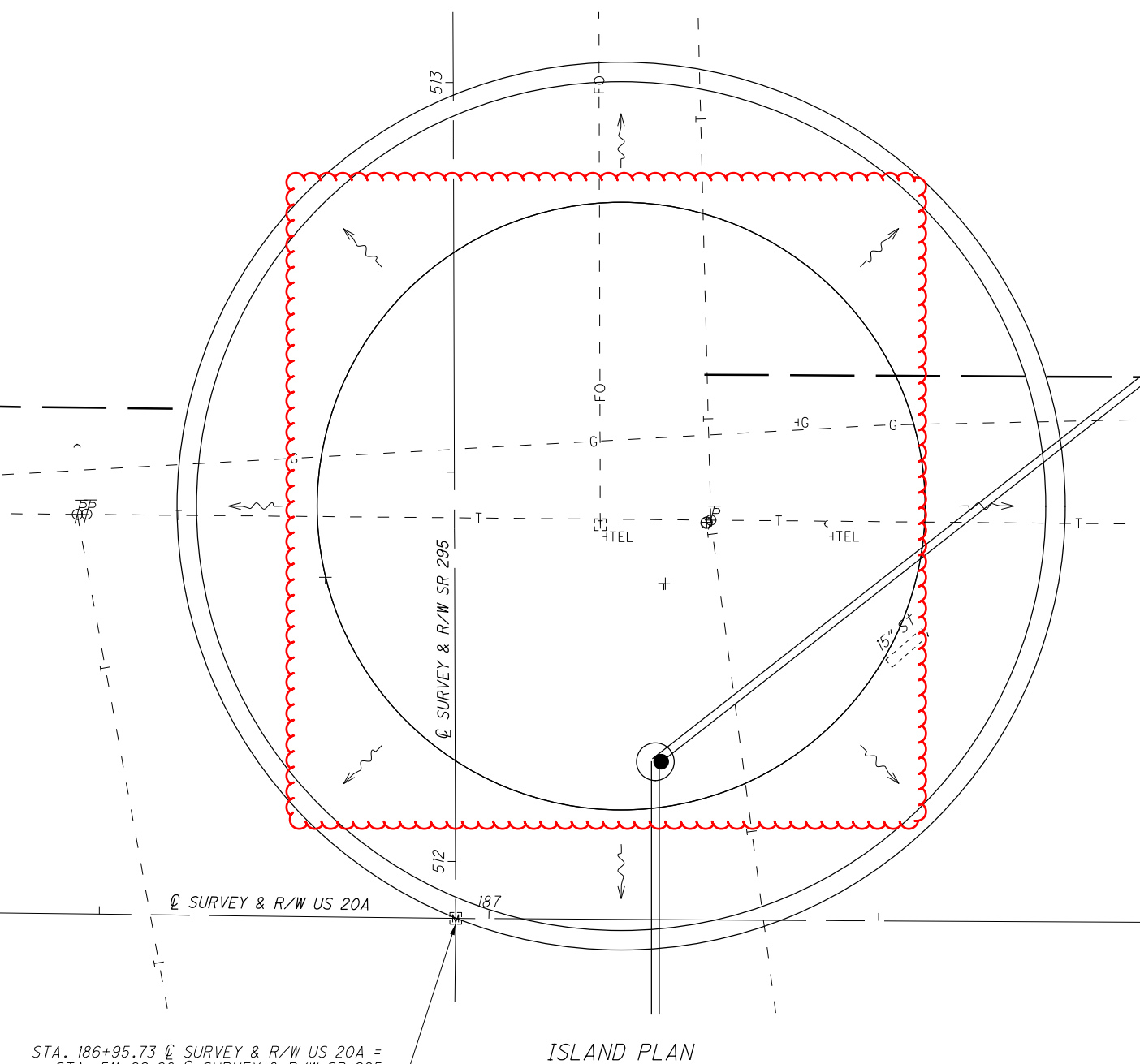
GENERAL SUMMARY (1 OF 2)

LUC-20A-3.47 / 4.47

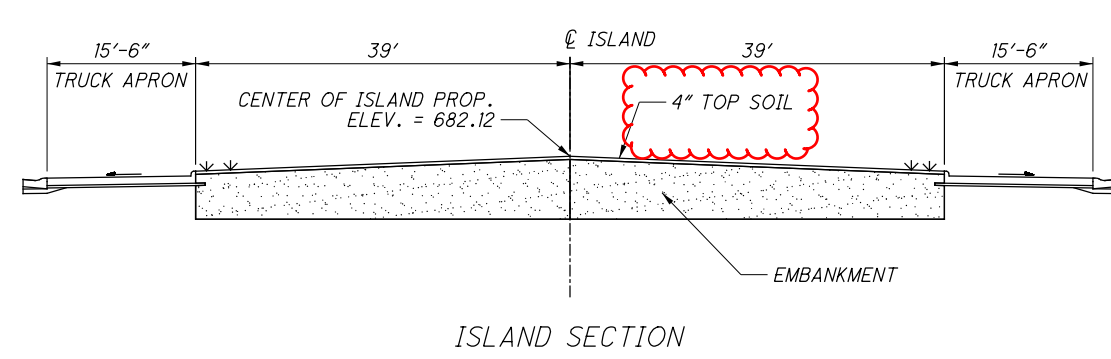
CALCULATED  
ALZ  
CHECKED  
RJM



M:\12002 (ODOT D2 - Structural\_GES)\Task 2C - LUC-20A-3.55 4.55 (PID 94407) Roundabouts\Roadway\94407\PP001.dgn 3/26/2020 5:19:37 PM ADC



STA. 186+95.73 @ SURVEY & R/W US 20A =  
 STA. 511+92.68 @ SURVEY & R/W SR 295



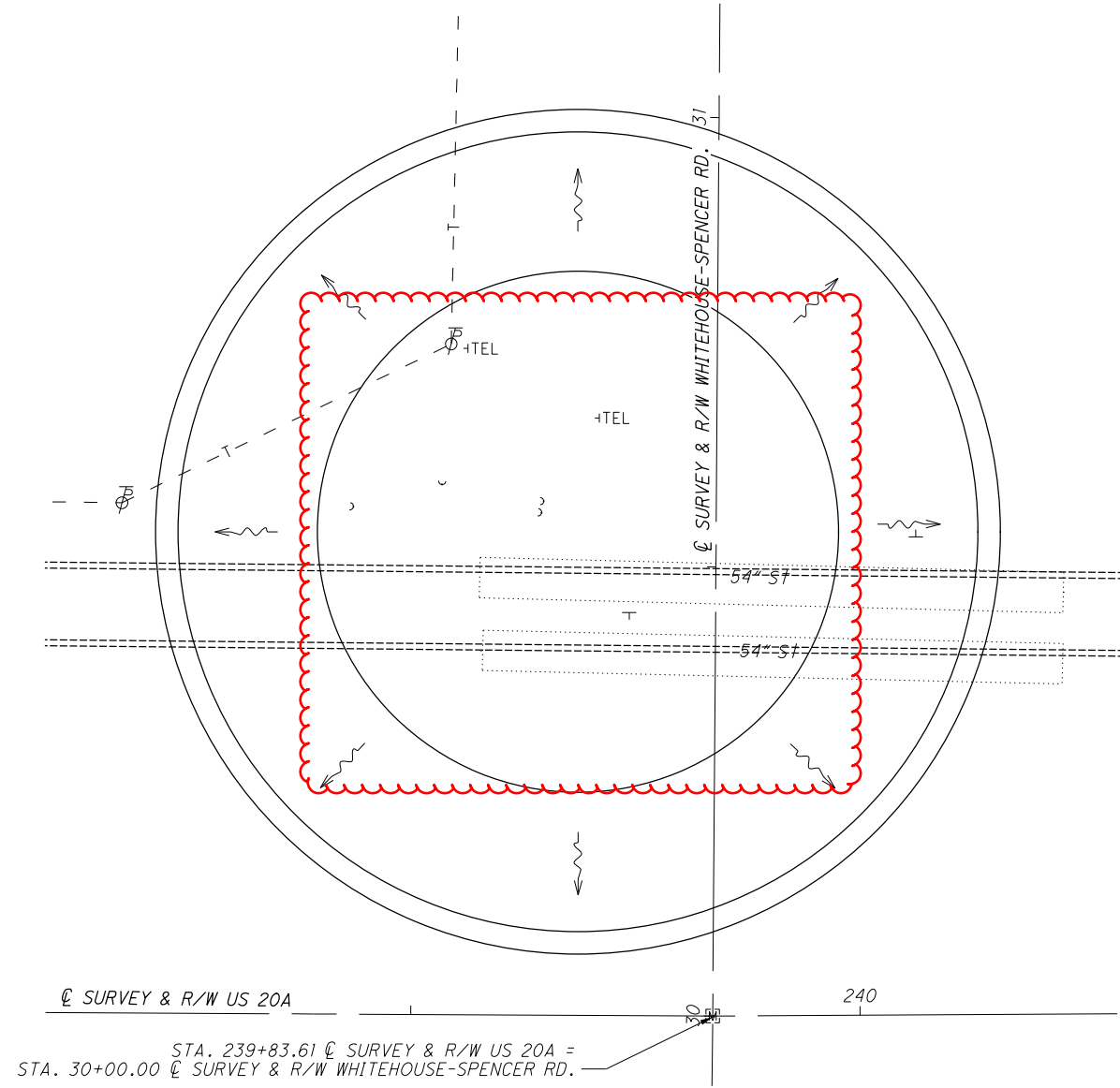
LANDSCAPING				
SHEET NUMBER	STATION		SIDE	653
	FROM	TO	LT OR RT	TOPSOIL, 4"
				CY
86	186+59.32	187+73.67	LT	59
87	239+21.33	240+15.92	LT	33
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>				<b>92</b>

CALCULATED  
 ADC  
 CHECKED  
 RJM

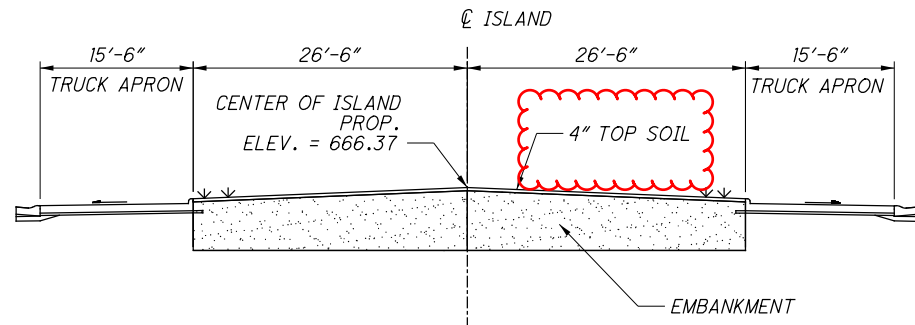
0 5 10 20  
 HORIZONTAL  
 SCALE IN FEET

**LANDSCAPING PLAN**  
**US 20A & SR 295**

**LUC-20A - 3.47 / 4.47**



ISLAND PLAN



ISLAND SECTION

CALCULATED	ADC
CHECKED	RJM

0 5 10 20  
 HORIZONTAL SCALE IN FEET

LANDSCAPING PLAN  
US 20A & WHITEHOUSE-SPENCER ROAD

LUC-20A - 3.47 / 4.47