F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	1
	ILLINOIS	CONTRACT NO. 61D47		

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID PROJECT

F.A.P. 856 (WEBER ROAD)
135TH STREET TO NORMANTOWN ROAD
WIDENING AND RECONSTRUCTION
SECTION 14-00170-42-RP
PROJECT JMYR(660)
WILL COUNTY
C-91-246-16

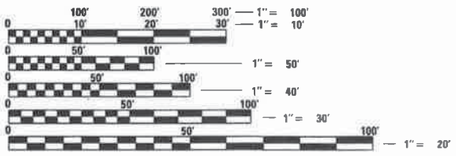
FOR INDEX OF SHEETS AND LISTING OF HIGHWAY STANDARDS, SEE SHEET NO. 2

IMPROVEMENTS LOCATED IN THE VILLAGE OF ROMEOVILLE

WEBER ROAD (CH 88)
URBAN SRA
EXISTING ADT (2010) 36,300 TO 39,200
PROPOSED ADT (2040) 50,000 TO 57,000
DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH

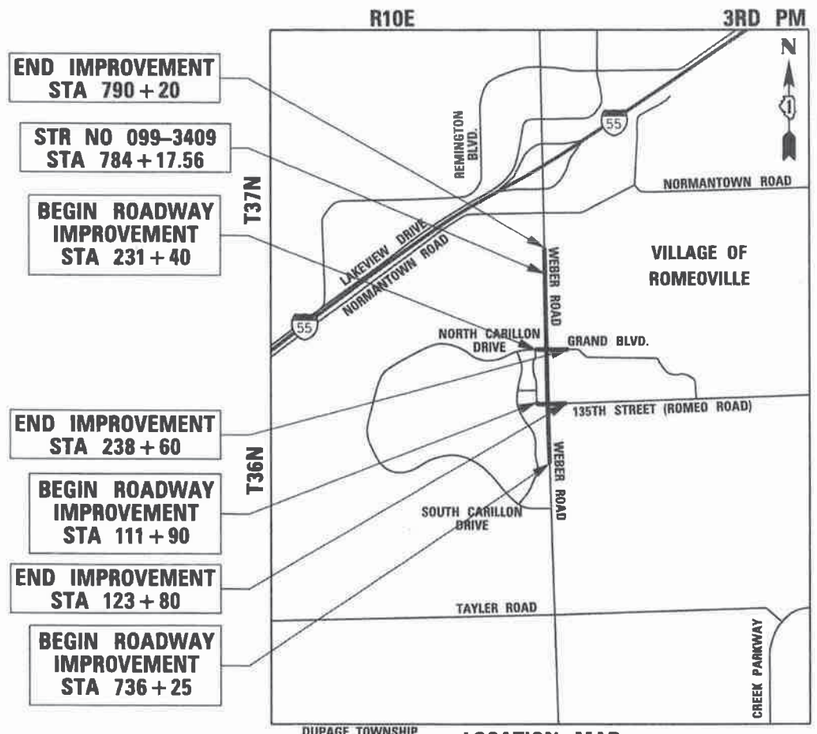
135TH STREET/ROMEO ROAD
MINOR ARTERIAL/LOCAL
EXISTING ADT (2010) 5,000 TO 12,900
PROPOSED ADT (2040) 7,200 TO 17,000
DESIGN SPEED = 35 MPH
POSTED SPEED = 30 MPH

GRAND BOULEVARD/N. CARILLON DRIVE
LOCAL
EXISTING ADT (2010) 3,000 TO 4,300
PROPOSED ADT (2040) 5,500 TO 7,900
DESIGN SPEED = 35 MPH
POSTED SPEED = 30 MPH



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



LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 8,153 FT. = 1.544 MILE
NET LENGTH = 8,153 FT. = 1.544 MILE

CONTRACT NO. 61D47

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847) 705-4406 SCHAUMBURG, IL

THOMAS ENGINEERING GROUP
DATE: NOVEMBER 30, 2016
CURTIS R. CORNWELL
062-059098 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
EXPIRES: 11/30/17
SHEET NO.: 1-122, 133-200, 253-255, 260-394

MILLENNIA PROFESSIONAL SERVICES
DATE: 11/30/2016
THOMAS V. NGO
062-058379 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
EXPIRES: 11/30/19
SHEET NO.: 123-132, 201-228

AMES ENGINEERING, INC
DATE: NOVEMBER 30, 2016
BRENDA D. LOWERY
062-065244 LICENSED PROFESSIONAL ENGINEER STATE OF ILLINOIS
EXPIRES: 11/30/19
SHEET NO.: 229-241

D-91-010-14

LOCATION OF SECTION INDICATED THUS: –

FUNCTIONAL CLASSIFICATION
URBAN SRA
ADT = 39,200
P.V. = 97% S.U. = 3%

STATE OF ILLINOIS
~~AGENCY RESPONSIBLE FOR LETTING~~
DEPARTMENT OF TRANSPORTATION

APPROVED November 22nd, 2016
DIRECTOR OF TRANSPORTATION, COUNTY ENGINEER, WILL COUNTY

PASSED MAY 16, 2017
CHRISTOPHER HOLT
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW MAY 24, 2017
DE REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

thomas engineering group
service of the highest grade
thomas engineering group, llc
55 w. 22nd street
suite 300
lombard, il 60148
phone: 855-533-1700

INDEX OF SHEETS

INDEX OF SHEETS

FILE NAME = D160X11-sht-index.dgn

thomas engineering group
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USER NAME = TEG	DESIGNED - CRC	REVISED - 3/3/2015	
	DRAWN - BLP	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ' / in.	CHECKED - EER	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	2
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
420101-06	24' (7.2 M) JOINTED PCC PAVEMENT
420106-06	36' (10.8 M) JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
424026-02	ENTRANCE/ALLEY PEDESTRIAN CROSSING
424031-01	MEDIAN PEDESTRIAN CROSSING
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602301-04	INLET - TYPE A
602401-04	MANHOLE TYPE A
602406-08	MANHOLE TYPE A 6' (1.8 M) DIAMETER
602411-06	MANHOLE TYPE A 7' (2.1 M) DIAMETER
602421-06	MANHOLE TYPE A 9' (2.7 M) DIAMETER
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE 11
604056-04	FRAME AND GRATE TYPE 11V
604086-03	FRAME AND GRATE TYPE 23
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24'' (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY

HIGHWAY STANDARDS

701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH
701423-10	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS >= 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
877001-07	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

FILE NAME = D1601l-sht-index.dgn

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USER NAME = TEG	DESIGNED - CRC	REVISED - 3/3/2015	**STATE OF ILLINOIS**	**STANDARD DRAWINGS**	
	DRAWN - BLP	REVISED - 6/19/2015	**DEPARTMENT OF TRANSPORTATION**		
PLOT SCALE = 100.0000 '/ in.	CHECKED - EER	REVISED - 9/27/2016			
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -		SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	3
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR 811 FOR FIELD LOCATIONS, BURIED ELECTRIC LINES, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)

2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF ROMEOVILLE, AND WILL COUNTY DIVISION OF TRANSPORTATION (WCDOT).

3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OF FIELD OFFICE ON WCDOT PROPERTY WITHOUT WRITTEN PERMISSION FROM WCDOT.

4. THE CONTRACTOR SHOULD BE AWARE THAT CONTRACT 60X10 IS DIRECTLY ADJACENT TO THE NORTH OF THIS CONTRACT AND WILL START SIMULTANEOUSLY TO THIS PROJECT. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ADJACENT CONTRACT.

5. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON THE SUBSURFACE UTILITY ENGINEERING (SUE) AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

6. THE CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN INCLUDING, BUT NOT LIMITED TO, TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEM DAMAGE TO THE REMAINING TREE STRUCTURE. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

7. ALL REFERENCES IN THE HIGHWAY STANDARDS AND THE STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR JPCP PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.

8. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE SPECIFIED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.

9. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

10. DURING CONSTRUCTION OPERATIONS, WHENEVER LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTER, DRAINAGE STRUCTURES, DITCHES, ETC., SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIAL CREATED AS A RESULT THERE OF.

11. ITEMS OCCUPYING NEWLY ACQUIRED PARCELS SHALL BE CLEARED BY OTHERS EXCEPT FOR THE COMPENSATORY STORAGE SITE. THESE ITEMS ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR IS TO CONFIRM WITH THE ENGINEER THAT THIS WORK HAS BEEN COMPLETED PRIOR TO STARTING ANY OPERATION ON THE NEWLY ACQUIRED PARCEL.

12. PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF ROMEOVILLE. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ALL AREAS. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

13. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A TREE PROTECTION ZONE AND AROUND EXISTING WETLANDS TO ESTABLISH A WETLAND PROTECTION ZONE BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOB SITE. NO WORK IS TO BE PERFORMED WITHIN THE TREE PROTECTION ZONE AND WETLAND PROTECTION ZONE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

14. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS 404 PERMIT. THE PERMIT ISSUED TO THE COUNTY DOES NOT COVER THE IN STREAM WORK BY THE CONTRACTOR. THEREFORE AFTER AWARD, THE CONTRACTOR WILL NEED TO SUBMIT THE WORK PLAN TO THE US ARMY CORPS OF ENGINEERS. THE CORPS WILL NOT BE PROVIDING AN APPROVAL UNLESS STATED OTHERWISE IN THE PERMIT AND IN STREAM WORK CAN COMMENCE AT THE CONTRACTOR'S DISCRETION. GUIDELINES ON ACCEPTABLE IN STREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS WEBSITE: HTTP://WWW.LRC.USACE.ARMY.MIL/

15. STATE 401 WATER QUALITY CERTIFICATION - WATER QUALITY CERTIFICATION UNDER SECTION 401 OF THE CLEAN WATER ACT IS REQUIRED FROM THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA). THE DISTRICT MAY CONSIDER WATER QUALITY, AMONG OTHER FACTORS, IN DETERMINING WHETHER TO EXERCISE DISCRETIONARY AUTHORITY AND REQUIRE AN INDIVIDUAL PERMIT. PLEASE NOTE THAT SECTION 401 WATER QUALITY CERTIFICATION IS A REQUIREMENT FOR PROJECTS ISSUED UNDER SECTION 404 OF THE CLEAN WATER ACT. PROJECTS ISSUED UNDER SECTION 10 OF THE RIVERS AND HARBORS ACT OF 1899 DO NOT REQUIRE SECTION 401 WATER QUALITY CERTIFICATION.

16. THE CONTRACTOR SHALL CONTRACT THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

17. THE CONTRACTOR SHALL COORDINATE WITH LOCAL AUTHORITIES AND OBSERVE LOCAL NOISE ORDINANCES FOR ALL CONSTRUCTION ACTIVITIES.

18. CONTRACTOR IS TO REFER TO CONTRACTOR DESIGNED GROUND IMPROVEMENT SHEETS FOR THE REQUIRED SOIL IMPROVEMENT MEASURES REQUIRED FROM STA 780+00 TO STA 792+20.

19. CONTRACTOR IS TO REFER TO PROPOSED UTILITY RELOCATION PLANS (BY OTHERS) WHILE DESIGNING CONTRACTOR DESIGNED GROUND IMPROVEMENT. CONTRACTOR SHALL CONSIDER AND VERIFY RELOCATED UTILITIES FOR THE COLUMN SPACING REQUIREMENTS FROM STA 781+00 TO STA 790+20.

FILE NAME = D160X11-sht-gennotes.dgn

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USER NAME = TEG	DESIGNED - CRC	REVISED - 3/3/2015	
	DRAWN - BLP	REVISED - 6/19/2015	
PLOT SCALE = 2.0000 ' / in.	CHECKED - EER	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	4
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003 80/20% WILL COUNTY	ROADWAY LIGHTING 0021 80/20% ROMEOVILLE STP	TRAFFIC SIGNALS (135th/WEBER) 0021 100% WILL COUNTY	TRAFFIC SIGNALS (GRAND/WEBER) 0021 100% WILL COUNTY	INTER CONNECT 0021 100% WILL COUNTY	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021 80/20% ROMEOVILLE STP	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021 80/20% ROMEOVILLE STP	SIDEWALK 0021 80/20% ROMEOVILLE STP	SHARED USE PATH 0028 80/20% ROMEOVILLE STP	LANDSCAPING 0031 100% WILL COUNTY	BOX CULVERT SN 099-3409 0008 100% WILL COUNTY	NOISE BARRIER WALL 0020 100% WILL COUNTY	TRAINEES 0042 80/20% STP
X	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,382	1,382												
X	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	36	36												
	20101000	TEMPORARY FENCE	FOOT	2,514	2,514												
	20101100	TREE TRUNK PROTECTION	EACH	120	120												
X	20101200	TREE ROOT PRUNING	EACH	120	120												
X	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	40	40												
X	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	80	80												
	20200100	EARTH EXCAVATION	CU YD	46,698	46,698												
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	16,026	16,026												
	20400800	FURNISHED EXCAVATION	CU YD	25,845	25,845												
	20800150	TRENCH BACKFILL	CU YD	1,850	1,850												
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	950	950												
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	12,784	12,784												
X	25000210	SEEDING, CLASS 2A	ACRE	5.06										5.06			
X	25000310	SEEDING, CLASS 4	ACRE	4.89										4.89			
X	25000314	SEEDING, CLASS 4B	ACRE	1.84										1.84			
X	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	607										607			
X	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	607										607			
X	25100115	MULCH, METHOD 2	ACRE	5.70	5.70												
X	25200110	SODDING, SALT TOLERANT	SQ YD	12,098										12,098			
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,865	1,865												
	28000305	TEMPORARY DITCH CHECKS	FOOT	836	836												
	28000400	PERIMETER EROSION BARRIER	FOOT	11,403	11,403												
	28000510	INLET FILTERS	EACH	102	102												
	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	82,557	82,557												
	28100105	STONE RIPRAP, CLASS A3	SQ YD	839	839												
	28100107	STONE RIPRAP, CLASS A4	SQ YD	267	197										70		
	28100111	STONE RIPRAP, CLASS A6	SQ YD	179	179												
	28200200	FILTER FABRIC	SQ YD	1,285	1,215										70		
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	691	691												
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	69,458	69,458												
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	42,843	39,283							3,560					

SI - SPECIALTY ITEM

FILE NAME = D160X11-sht-SOD-dgn

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USER NAME = TEG	DESIGNED - CRC	REVISED - 3/3/2015
	DRAWN - BLP	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED - EER	REVISED - 9/27/2016
PLOT DATE = 12/29/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 1 OF 11 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	5
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003 80/20% WILL COUNTY	ROADWAY LIGHTING 0021 80/20% ROMEOVILLE STP	TRAFFIC SIGNALS (135th/WEBER) 0021 100% WILL COUNTY	TRAFFIC SIGNALS (GRAND/WEBER) 0021 100% WILL COUNTY	INTER CONNECT 0021 100% WILL COUNTY	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021 80/20% ROMEOVILLE STP	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021 80/20% ROMEOVILLE STP	SIDEWALK 0021 80/20% ROMEOVILLE STP	SHARED USE PATH 0028 80/20% ROMEOVILLE STP	LANDSCAPING 0031 100% WILL COUNTY	BOX CULVERT SN 099-3409 0008 100% WILL COUNTY	NOISE BARRIER WALL 0020 100% WILL COUNTY	TRAINEES 0042 80/20% STP
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	3,454	322								3,132				
	35501305	HOT-MIX ASPHALT BASE COURSE, 5 1/4"	SQ YD	2,816	2,816												
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	608	608												
	35501317	HOT-MIX ASPHALT BASE COURSE, 8 1/4"	SQ YD	4,484	4,484												
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	219	219												
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	166	166												
	40600990	TEMPORARY RAMP	SQ YD	748	748												
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	598	69								529				
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	989	989												
	40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,665	4,665												
	42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	53,538	53,538												
	42001300	PROTECTIVE COAT	SQ YD	66,520	63,105							3,415					
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	451	451												
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	30,708								30,708					
	42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1,257								1,257					
	42400800	DETECTABLE WARNINGS	SQ FT	434								237	197				
	44000100	PAVEMENT REMOVAL	SQ YD	86,893	86,893												
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1,348	1,348												
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,081	2,081												
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	18,538	18,538												
	44000600	SIDEWALK REMOVAL	SQ FT	16,191	16,191												
	44003100	MEDIAN REMOVAL	SQ FT	8,305	8,305												
	44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	826	826												
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1												
	50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1												
	50105220	PIPE CULVERT REMOVAL	FOOT	218	218												
	50200100	STRUCTURE EXCAVATION	CU YD	215	215												
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	125											125		
	50800105	REINFORCEMENT BARS	POUND	2,210	2,210												
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	48,630	2,310										46,320		
	50800515	BAR SPLICERS	EACH	107											107		
X	50901720	BICYCLE RAILING	FOOT	115								115					
	51500100	NAME PLATES	EACH	1											1		

SI - SPECIALTY ITEM

FILE NAME = 0160XII-sht-S00.dgn

thomas engineering group
service at the highest grade

USER NAME = TEG	DESIGNED - CRC	REVISED - 3/3/2015	
	DRAWN - BLP	REVISED - 6/19/2015	
PLOT SCALE = 2.0000 ' / in.	CHECKED - EER	REVISED - 9/27/2016	
PLOT DATE = 12/29/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 2 OF 11 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	6

CONTRACT NO. 61D47

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003 80/20% WILL COUNTY	ROADWAY LIGHTING 0021 80/20% ROMEOVILLE STP	TRAFFIC SIGNALS (135th/WEBER) 0021 100% WILL COUNTY	TRAFFIC SIGNALS (GRAND/WEBER) 0021 100% WILL COUNTY	INTER CONNECT 0021 100% WILL COUNTY	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021 80/20% ROMEOVILLE STP	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021 80/20% ROMEOVILLE STP	SIDEWALK 0021 80/20% ROMEOVILLE STP	SHARED USE PATH 0028 80/20% ROMEOVILLE STP	LANDSCAPING 0031 100% WILL COUNTY	BOX CULVERT SN 099-3409 0008 100% WILL COUNTY	NOISE BARRIER WALL 0020 100% WILL COUNTY	TRAINEES 0042 80/20% STP
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	290											290		
	52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	48	48												
	54003000	CONCRETE BOX CULVERTS	CU YD	267.4											267.4		
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6	6												
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2												
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1												
	54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1												
	54214725	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 30"	EACH	2	2												
	54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	1	1												
	5421A012	PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)	FOOT	50	50												
	542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	8	8												
	542A8215	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 30"	FOOT	135	135												
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	23	23												
	550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	36	36												
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	5,465	5,465												
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,032	1,032												
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,048	1,048												
	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	1,961	1,961												
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	229	229												
	550A5300	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	FOOT	899	899												
	55100500	STORM SEWER REMOVAL 12"	FOOT	2,613	2,613												
	55100700	STORM SEWER REMOVAL 15"	FOOT	944	944												
	55101200	STORM SEWER REMOVAL 24"	FOOT	938	938												
	55101400	STORM SEWER REMOVAL 30"	FOOT	1,121	1,121												
	55101600	STORM SEWER REMOVAL 36"	FOOT	514	514												
	55101900	STORM SEWER REMOVAL 48"	FOOT	24	24												
X	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	108	108												
X	56103100	DUCTILE IRON WATER MAIN 8"	FOOT	15	15												
X	56103300	DUCTILE IRON WATER MAIN 12"	FOOT	1,178	1,178												
X	56103400	DUCTILE IRON WATER MAIN 16"	FOOT	131	131												
X	56105000	WATER VALVES 8"	EACH	1	1												
X	56105200	WATER VALVES 12"	EACH	3	3												

SI - SPECIALTY ITEM

FILE NAME = D:\8011-sht-SOD.dgn

thomas engineering group service at the highest grade

USER NAME = TEG	DESIGNED - CRC	REVISED - 3/3/2015	
	DRAWN - BLP	REVISED - 6/19/2015	
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PLOT DATE = 12/29/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 3 OF 11 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	7
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003 80/20% WILL COUNTY	ROADWAY LIGHTING 0021 80/20% ROMEOVILLE STP	TRAFFIC SIGNALS (135th/WEBER) 0021 100% WILL COUNTY	TRAFFIC SIGNALS (GRAND/WEBER) 0021 100% WILL COUNTY	INTER CONNECT 0021 100% WILL COUNTY	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021 80/20% ROMEOVILLE STP	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021 80/20% ROMEOVILLE STP	SIDEWALK 0021 80/20% ROMEOVILLE STP	SHARED USE PATH 0028 80/20% ROMEOVILLE STP	LANDSCAPING 0031 100% WILL COUNTY	BOX CULVERT SN 099-3409 0008 100% WILL COUNTY	NOISE BARRIER WALL 0020 100% WILL COUNTY	TRAINEES 0042 80/20% STP
X	56105300	WATER VALVES 16"	EACH	1	1												
X	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1												
X	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	5	5												
X	56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	4	4												
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	46	46												
	60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	2,693	2,693												
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2												
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2												
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1												
	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	4	4												
	60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	2	2												
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	40	40												
	60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	8	8												
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1												
	60222000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	3	3												
	60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	26	26												
	60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	1												
	60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	9	9												
	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2												
	60224448	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 8 GRATE	EACH	2	2												
	60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1												
	60224476	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1												
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	2												
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2	2												
	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	1	1												
	60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	3	3												
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	50	50												
	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5												
	60255500	MANHOLES TO BE ADJUSTED	EACH	2	2												
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2												
	60600605	CONCRETE CURB, TYPE B	FOOT	586	586												
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,813	2,813												
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,235	1,235												

SI - SPECIALTY ITEM

FILE NAME = D160X11-sht-SOD-dgn

thomas engineering group service at the highest grade

USER NAME = TEG	DESIGNED - CRC	REVISED - 3/3/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - BLP	REVISED - 6/19/2015	
PLOT SCALE = 2.0000 ' / in.	CHECKED - EER	REVISED - 9/27/2016	
PLOT DATE = 12/29/2017	DATE - 11/15/17	REVISED -	

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 4 OF 11 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	8
		CONTRACT NO. 61D47		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003 80/20% WILL COUNTY	ROADWAY LIGHTING 0021 80/20% ROMEOVILLE STP	TRAFFIC SIGNALS (135th/WEBER) 0021 100% WILL COUNTY	TRAFFIC SIGNALS (GRAND/WEBER) 0021 100% WILL COUNTY	INTER CONNECT 0021 100% WILL COUNTY	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021 80/20% ROMEOVILLE STP	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021 80/20% ROMEOVILLE STP	SIDEWALK 0021 80/20% ROMEOVILLE STP	SHARED USE PATH 0028 80/20% ROMEOVILLE STP	LANDSCAPING 0031 100% WILL COUNTY	BOX CULVERT SN 099-3409 0008 100% WILL COUNTY	NOISE BARRIER WALL 0020 100% WILL COUNTY	TRAINEES 0042 80/20% STP
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	20,259	20,259												
	60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	8,312	8,312												
	60623800	CONCRETE BARRIER MEDIAN	SQ FT	4,072	4,072												
	60624600	CORRUGATED MEDIAN	SQ FT	1,702	1,702												
X	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	18,830	18,830.0												
X	66900400	SPECIAL WASTE GROUNDWATER DISPOSAL	GALLON	300	300												
X	66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1												
X	66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10												
X	66901000	BACKFILL PLUGS	CU YD	200	200												
	67100100	MOBILIZATION	LSUM	1	1												
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	1,080	1,080												
	70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	762	762												
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	32,105	32,105												
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,151	1,151												
	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	105	105												
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	351	351												
	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	2,135	2,135												
	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	94,810	94,810												
	70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	8,542	8,542												
	70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	890	890												
	70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	1,761	1,761												
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	4,050	4,050												
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,787.5	1,787.5												
	70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	11	11												
	70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1												
X	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7												
X	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	5	5												
X	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	304	304												
X	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	14	14												
X	72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	40	40												
X	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1,361	1,361												

SI - SPECIALTY ITEM

FILE NAME = D160X11-sht-SOO.dgn

thomas engineering group — service of the highest grade

USER NAME = TEG	DESIGNED - CRC	REVISED - 3/3/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 5 OF 11 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	9

CONTRACT NO. 61D47

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003	ROADWAY LIGHTING 0021	TRAFFIC SIGNALS (135th/WEBER) 0021	TRAFFIC SIGNALS (GRAND/WEBER) 0021	INTER CONNECT 0021	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021	SIDEWALK 0021	SHARED USE PATH 0028	LANDSCAPING 0031	BOX CULVERT SN 099-3409 0008	NOISE BARRIER WALL 0020	TRAINEES 0042
					80/20% WILL COUNTY	80/20% ROMEOVILLE STP	100% WILL COUNTY	100% WILL COUNTY	100% WILL COUNTY	80/20% ROMEOVILLE STP	80/20% ROMEOVILLE STP	80/20% ROMEOVILLE STP	80/20% ROMEOVILLE STP	100% WILL COUNTY	100% WILL COUNTY	100% WILL COUNTY	80/20% STP
X	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	874	874												
X	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,915	11,915												
X	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3,379	3,379												
X	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	870	870												
X	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	177	177												
X	78007100	PERMANENT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	795	795												
X	78007110	PERMANENT PAVEMENT MARKING - LINE 4"	FOOT	41,553	41,553												
X	78007130	PERMANENT PAVEMENT MARKING - LINE 6"	FOOT	1,440	1,440												
X	78007150	PERMANENT PAVEMENT MARKING - LINE 12"	FOOT	320	320												
X	78007180	PERMANENT PAVEMENT MARKING - LINE 24"	FOOT	422	422												
X	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	1,752	1,752												
X	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	21,410	21,410												
X	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	5,616	5,616												
X	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	2,315	2,315												
X	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	512	512												
X	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	755	755												
X	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	235	235												
X	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	521	521												
X	80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	2			1	1									
X	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	5,398			1,009	840	3,549								
X	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	243			101	142									
X	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,853		554	622	677									
X	81400100	HANDHOLE	EACH	16			5	5	6								
X	81400200	HEAVY-DUTY HANDHOLE	EACH	8			4	4									
X	81400300	DOUBLE HANDHOLE	EACH	4			2	2									
X	81603090	UNITDUCT, 600V, 3-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE) , 1 1/4" DIA. POLYETHYLENE	FOOT	1,782		1,782											
X	81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	1,074		1,074											
X	82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	7		7											
X	82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	8		8											
X	83008600	LIGHT POLE, ALUMINUM, 40 FT. M.H. 15 FT. MAST ARM	EACH	7		7											
X	83057345	LIGHT POLE, WOOD, 60 FOOT, CLASS 3, WITH 15FT MAST ARM	EACH	9		9											
X	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	70		70											
X	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	7		7											

SI - SPECIALTY ITEM

FILE NAME = D16OX11-sht-SOO.dgn

thomas engineering group
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 6 OF 11 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	10
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003 80/20% WILL COUNTY	ROADWAY LIGHTING 0021 80/20% ROMEOVILLE STP	TRAFFIC SIGNALS (135th/WEBER) 0021 100% WILL COUNTY	TRAFFIC SIGNALS (GRAND/WEBER) 0021 100% WILL COUNTY	INTER CONNECT 0021 100% WILL COUNTY	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021 80/20% ROMEOVILLE STP	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021 80/20% ROMEOVILLE STP	SIDEWALK 0021 80/20% ROMEOVILLE STP	SHARED USE PATH 0028 80/20% ROMEOVILLE STP	LANDSCAPING 0031 100% WILL COUNTY	BOX CULVERT SN 099-3409 0008 100% WILL COUNTY	NOISE BARRIER WALL 0020 100% WILL COUNTY	TRAINEES 0042 80/20% STP
X	84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	9		9											
X	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	15		15											
X	84200804	REMOVAL OF POLE FOUNDATION	EACH	19		19											
X	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	4		4											
X	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1					1								
X	86400100	TRANSCEIVER - FIBER OPTIC	EACH	1					1								
X	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	9,720					9,720								
X	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,008			1,096	912									
X	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5,699			2,645	3,054									
X	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5,554			2,672	2,882									
X	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	5,651			2,866	2,785									
X	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	6,641			2,964	3,677									
X	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	378			222	156									
X	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,452			666	786									
X	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3			1	2									
X	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1			1										
X	87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1				1									
X	87700424	STEEL MAST ARM ASSEMBLY AND POLE, 72 FT.	EACH	1			1										
X	87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	2			1	1									
X	87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1			1										
X	87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1			1										
X	87703070	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 66 FT.	EACH	1				1									
X	87703090	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 70 FT.	EACH	1				1									
X	87703120	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 75 FT.	EACH	1			1										
X	87704341	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 28 FT. AND 50 FT.	EACH	1				1									
X	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	40			24	16									
X	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8			4	4									
X	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	14			14										
X	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	66			22	44									
X	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	121			71	50									
X	87900200	DRILL EXISTING HANDHOLE	EACH	1					1								
X	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	20			10	10									

SI - SPECIALTY ITEM

FILE NAME = D160X11-sht-S00.dgn

thomas engineering group service at the highest grade®

USER NAME = TEG	DESIGNED - CRC	REVISED - 3/3/2015
	DRAWN - BLP	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED - EER	REVISED - 9/27/2016
PLOT DATE = 12/29/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 7 OF 11 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	11
		CONTRACT NO. 61D47		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003 80/20% WILL COUNTY	ROADWAY LIGHTING 0021 80/20% ROMEOVILLE STP	TRAFFIC SIGNALS (135th/WEBER) 0021 100% WILL COUNTY	TRAFFIC SIGNALS (GRAND/WEBER) 0021 100% WILL COUNTY	INTER CONNECT 0021 100% WILL COUNTY	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021 80/20% ROMEOVILLE STP	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021 80/20% ROMEOVILLE STP	SIDEWALK 0021 80/20% ROMEOVILLE STP	SHARED USE PATH 0028 80/20% ROMEOVILLE STP	LANDSCAPING 0031 100% WILL COUNTY	BOX CULVERT SN 099-3409 0008 100% WILL COUNTY	NOISE BARRIER WALL 0020 100% WILL COUNTY	TRAINEES 0042 80/20% STP
X	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1				1									
X	88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2			2										
X	88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2			2										
X	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6			3	3									
X	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	12			5	7									
X	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	10			6	4									
X	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	34			17	17									
X	88500100	INDUCTIVE LOOP DETECTOR	EACH	24			12	12									
X	88600700	PREFORMED DETECTOR LOOP	FOOT	3,078			1,607	1,471									
X	88700200	LIGHT DETECTOR	EACH	8						4	4						
X	88700300	LIGHT DETECTOR AMPLIFIER	EACH	2						1	1						
X	88800100	PEDESTRIAN PUSH-BUTTON	EACH	10			6	4									
X	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2			1	1									
X	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,672					3,672								
X	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2			1	1									
X	89502380	REMOVE EXISTING HANDHOLE	EACH	18			8	10									
X	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2			1	1									
X	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	16			8	8									
	Z0007430	TEMPORARY SIDEWALK	SQ FT	1,305	1,305												
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1												
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	135	135												
	Z0022800	FENCE REMOVAL	FOOT	103	103												
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	695	695												
X	Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	7		7											
X	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	24		24											
X	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1					1								
	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	127	127												
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	263	263												
	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	20	20												
	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	43	43												
	Z0056626	STORM SEWER (WATER MAIN REQUIREMENTS) 48 INCH	FOOT	36	36												
	Z0056637	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 36 INCH	FOOT	53	53												

SI - SPECIALTY ITEM

FILE NAME = D160X11-sht-S00.dgn

thomas engineering group service at the highest grade®

USER NAME = TEG	DESIGNED - CRC	REVISED - 3/3/2015
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PLOT SCALE = 2.0000 ' / in.	CHECKED - EER	REVISED - 9/27/2016
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 8 OF 11 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	12
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003 80/20% WILL COUNTY	ROADWAY LIGHTING 0021 80/20% ROMEOVILLE STP	TRAFFIC SIGNALS (135th/WEBER) 0021 100% WILL COUNTY	TRAFFIC SIGNALS (GRAND/WEBER) 0021 100% WILL COUNTY	INTER CONNECT 0021 100% WILL COUNTY	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021 80/20% ROMEOVILLE STP	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021 80/20% ROMEOVILLE STP	SIDEWALK 0021 80/20% ROMEOVILLE STP	SHARED USE PATH 0028 80/20% ROMEOVILLE STP	LANDSCAPING 0031 100% WILL COUNTY	BOX CULVERT SN 099-3409 0008 100% WILL COUNTY	NOISE BARRIER WALL 0020 100% WILL COUNTY	TRAINEES 0042 80/20% STP
X	Z0057300	SANITARY SEWER 18"	FOOT	1,122	1,122												
X	Z0058000	SANITARY SEWER, SPECIAL	FOOT	94	94												
	Z0062456	TEMPORARY PAVEMENT	SQ YD	38,111	38,111												
	Z0064505	SECTION CORNER MARKERS	EACH	3	3												
X	Z0067900	STEEL CASINGS 24"	FOOT	520	520												
X	Z0068200	STEEL CASINGS 30"	FOOT	240	240												
	Z0073345	SLEEPER SLAB	FOOT	700	700												
X	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2			1	1									
	Z0076600	TRAINEES	HOUR	1,500													1,500
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,500													1,500
X	A2000174	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE),10' HEIGHT CLUMP FORM, BALLED AND BURLAPPED	EACH	3										3			
X	A2000220	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5										5			
X	A2002474	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	2										2			
X	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7										7			
X	A2004512	TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	4										4			
X	A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16										16			
X	A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	15										15			
X	A2005420	TREE, LIRIODENDRON TULIPIFERA (TULIP TREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12										12			
X	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	4										4			
X	A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	9										9			
X	A2007624	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	19										19			
X	A2007818	TREE, TILIA AMERICANA MCKSENTRY (SENTRY AMERICAN LINDEN/BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	1										1			
X	B2000666	TREE, AMELANCHIER X GRANDIFLORA (APPLE SERVICEBERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	15										15			
X	D2002460	EVERGREEN, PINUS FLEXILIS VANDERWOLF'S PYRAMID (VANDERWOLF'S PYRAMID LIMBER PINE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	14										14			
X	D2002772	EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	9										9			
X	E20210G1	VINE-PARTHENOCISSUS QUINQUEFOLIA ENGEL MANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT	EACH	860										860			

SI - SPECIALTY ITEM

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003 80/20% WILL COUNTY	ROADWAY LIGHTING 0021 80/20% ROMEOVILLE STP	TRAFFIC SIGNALS (135th/WEBER) 0021 100% WILL COUNTY	TRAFFIC SIGNALS (GRAND/WEBER) 0021 100% WILL COUNTY	INTER CONNECT 0021 100% WILL COUNTY	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021 80/20% ROMEOVILLE STP	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021 80/20% ROMEOVILLE STP	SIDEWALK 0021 80/20% ROMEOVILLE STP	SHARED USE PATH 0028 80/20% ROMEOVILLE STP	LANDSCAPING 0031 100% WILL COUNTY	BOX CULVERT SN 099-3409 0008 100% WILL COUNTY	NOISE BARRIER WALL 0020 100% WILL COUNTY	TRAINEES 0042 80/20% STP
X	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	35										35			
	X0301423	NOISE ABATEMENT WALL, GROUND MOUNTED	SQ FT	16,550												16,550	
	X0320037	TEMPORARY PUMPING SYSTEM	LSUM	1	1												
	X0323265	REMOVE EXISTING RIPRAP	SQ YD	671	671												
X	X0323577	SANITARY SEWER TELEVISION INSPECTION, VIDEOTAPING AND RECORDING	FOOT	1,216	1,216												
X	X0323814	SANITARY SEWER REMOVAL, 18"	FOOT	1,182	1,182												
X	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1,936						1,082	854						
X	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	500					500								
X	X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	4	4												
X	X0326713	SANITARY SEWER CONNECTION	EACH	2	2												
	X0326936	CONTRACTOR DESIGNED GROUND IMPROVEMENT	LSUM	1	1												
X	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	8			4	4									
	X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	17,525	17,525												
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	21,145	21,145												
	X0426200	DEWATERING	LSUM	1	1												
X	X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	2			1	1									
	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	400	400												
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1												
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	9	9												
	X4024100	TEMPORARY ACCESS (WINTERIZE)	SQ YD	1,595	1,595.0												
	X5401005	PRECAST CONCRETE BOX CULVERTS 10' X 4' (SPECIAL)	FOOT	42											42.0		
X	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	4,228	4,228												
X	X5610708	WATER MAIN REMOVAL, 8"	FOOT	95	95												
X	X5610712	WATER MAIN REMOVAL, 12"	FOOT	708	708												
X	X5610716	WATER MAIN REMOVAL, 16"	FOOT	131	131												
	X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	185	60										125		
	X5930100	CONTROLLED LOW-STRENGTH MATERIAL, SPECIAL	CU YD	8,350	8,350												
	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1												
	X6022858	MANHOLES, TYPE A, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7												
X	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	5	5												
X	X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	2	2												
X	X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	3	3												

SI - SPECIALTY ITEM

FILE NAME = D160X11-sht-SQD.dgn

thomas engineering group service at the highest grade

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 10 OF 11 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	14
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0003 80/20% WILL COUNTY	ROADWAY LIGHTING 0021 80/20% ROMEOVILLE STP	TRAFFIC SIGNALS (135th/WEBER) 0021 100% WILL COUNTY	TRAFFIC SIGNALS (GRAND/WEBER) 0021 100% WILL COUNTY	INTER CONNECT 0021 100% WILL COUNTY	EMERGENCY VEHICLE PREEMPTION (135th/WEBER) 0021 80/20% ROMEOVILLE STP	EMERGENCY VEHICLE PREEMPTION (GRAND/WEBER) 0021 80/20% ROMEOVILLE STP	SIDEWALK 0021 80/20% ROMEOVILLE STP	SHARED USE PATH 0028 80/20% ROMEOVILLE STP	LANDSCAPING 0031 100% WILL COUNTY	BOX CULVERT SN 099-3409 0008 100% WILL COUNTY	NOISE BARRIER WALL 0020 100% WILL COUNTY	TRAINEES 0042 80/20% STP
	X6064500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (TEMPORARY)	FOOT	360	360												
	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	36	36												
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1												
	X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	5,400	5,400												
	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	42,276	42,276												
	X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1,440	1,440												
X	X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	606	546		30	30									
X	X7200205	SIGN PANEL - TYPE 2 (SPECIAL)	SQ FT	135	135												
X	X8210040	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	9		9											
X	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2			1	1									
X	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	9,720					9,720								
X	X8760055	PEDESTRIAN PUSH-BUTTONPOST, TYPE A	EACH	6			4	2									
X	X8950077	REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1		1											
	XX000717	STORM SEWER CONNECTION, SPECIAL	EACH	20	20												

SI - SPECIALTY ITEM

FILE NAME = D160X11-sht-SQQ.dgn

thomas engineering group service at the highest grade®

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

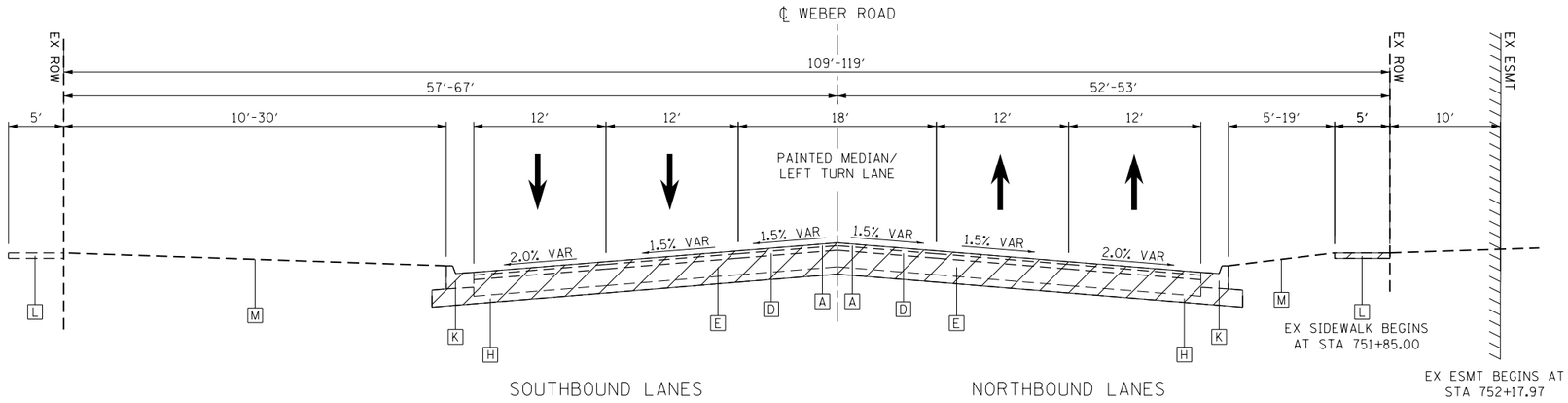
SCALE: NTS | SHEET 11 OF 11 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	15
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

NOTES

1. REFER TO THE REMOVAL PLANS AND SCHEDULES FOR MORE INFORMATION

TO BE REMOVED

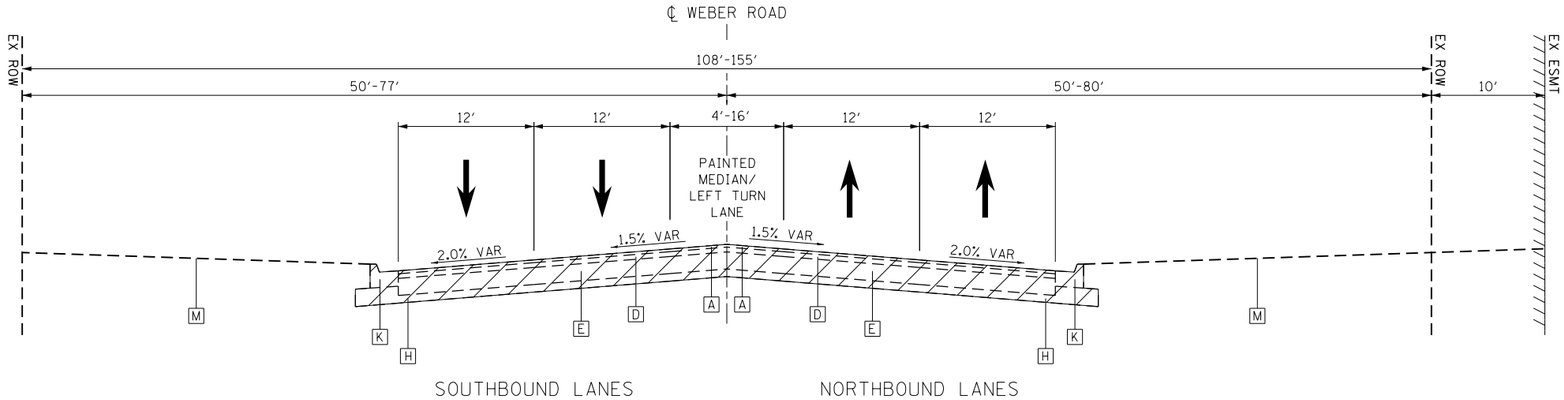


EXISTING TYPICAL SECTION 1

STA 736+25.00 TO STA 765+20.51, WEBER ROAD

EXISTING LEGEND:

- A $1\frac{3}{4}$'' HMA SURFACE COURSE
- B 2'' HMA SURFACE COURSE
- C 2'' HMA BINDER COURSE
- D $2\frac{1}{4}$'' HMA BINDER COURSE
- E 9'' HMA BASE COURSE
- F 11'' HMA PAVEMENT
- G 12'' HMA PAVEMENT
- H 4'' GRANULAR SUB-BASE MATERIAL
- I COMB CONC CURB & GUTTER, TYPE B-6.12
- J COMB CONC CURB & GUTTER, TYPE B-6.18
- K COMB CONC CURB & GUTTER, TYPE B-6.24
- L PCC SIDEWALK
- M SODDING & TOPSOIL



EXISTING TYPICAL SECTION 2

STA 765+20.51 TO STA 790+20.00, WEBER ROAD

FILE NAME = D:\60X11-sht-typical.dgn

thomas engineering group, service at the highest grade	USER NAME = TEG	DESIGNED - VJM	REVISED - 3/3/2015
		DRAWN - VJM	REVISED - 6/19/2015
	PLOT SCALE = 13.3332 ' / in.	CHECKED - RO	REVISED - 9/27/2016
	PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
EXISTING WEBER ROAD

SCALE: NTS | SHEET 1 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	16
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

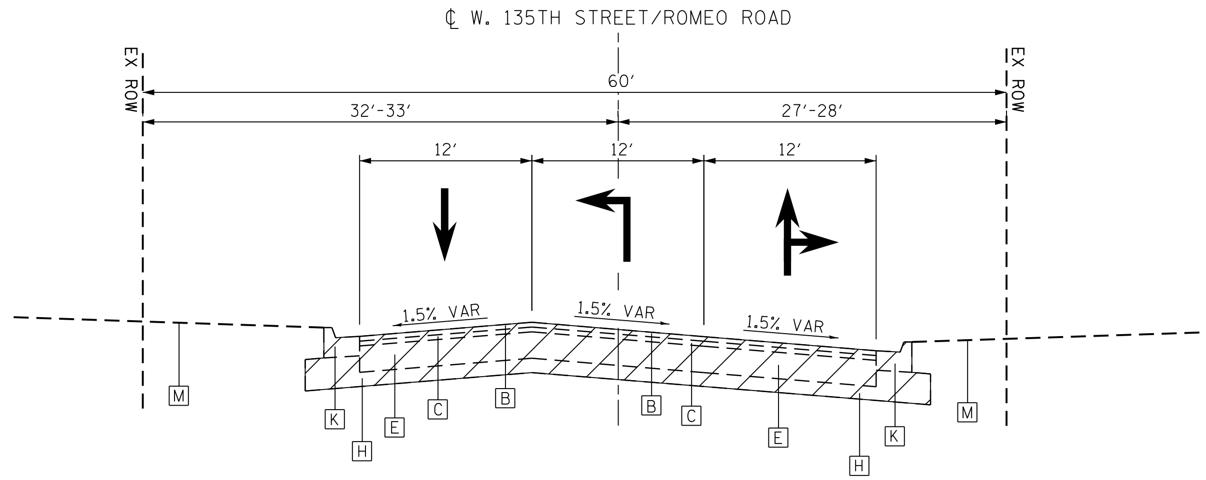
NOTES

1. REFER TO THE REMOVAL PLANS AND SCHEDULES FOR MORE INFORMATION

(hatched box) TO BE REMOVED

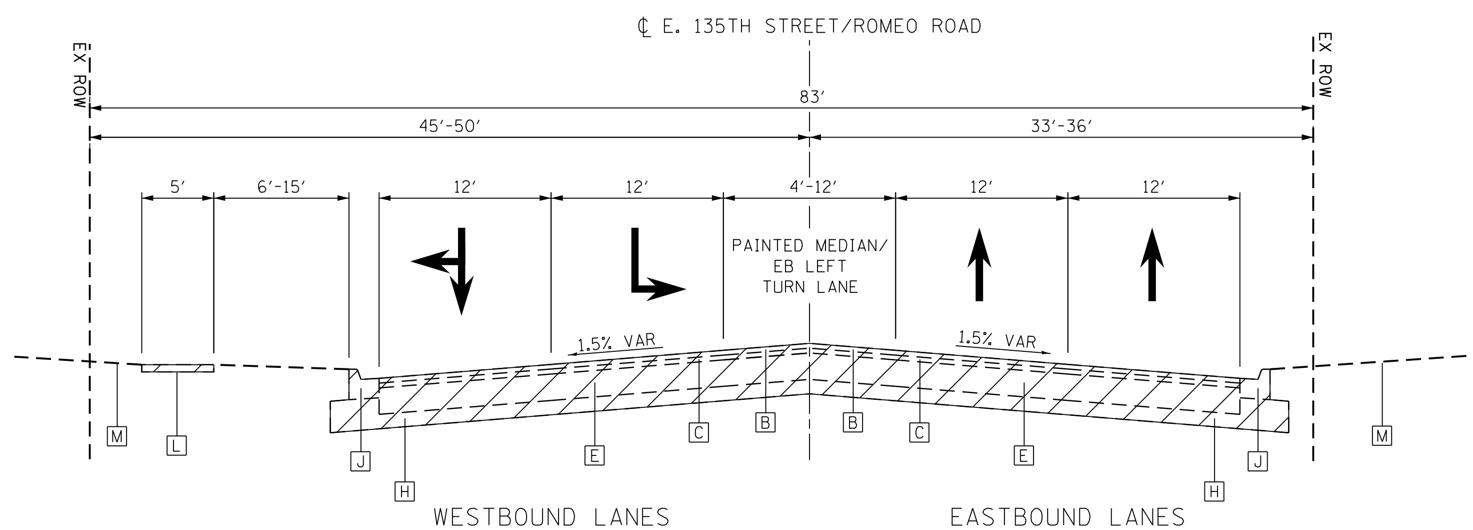
EXISTING LEGEND:

- [A] 1¾" HMA SURFACE COURSE
- [B] 2" HMA SURFACE COURSE
- [C] 2" HMA BINDER COURSE
- [D] 2¼" HMA BINDER COURSE
- [E] 9" HMA BASE COURSE
- [F] 11" HMA PAVEMENT
- [G] 12" HMA PAVEMENT
- [H] 4" GRANULAR SUB-BASE MATERIAL
- [I] COMB CONC CURB & GUTTER, TYPE B-6.12
- [J] COMB CONC CURB & GUTTER, TYPE B-6.18
- [K] COMB CONC CURB & GUTTER, TYPE B-6.24
- [L] PCC SIDEWALK
- [M] SODDING & TOPSOIL



EXISTING TYPICAL SECTION 3

STA 113+34.00 TO STA 115+36.58, W 135TH STREET/ROMEO ROAD



EXISTING TYPICAL SECTION 4

STA 115+36.58 TO STA 123+80.00, E 135TH STREET/ROMEO ROAD

FILE NAME = D16BX11-sht-typical.dgn

thomas engineering group — service of the highest grade

USER NAME = TEG	DESIGNED - VJM	REVISED - 3/3/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - VJM	REVISED - 6/19/2015	
PLOT SCALE = 13.3332 ' / in.	CHECKED - RO	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

TYPICAL SECTIONS
EXISTING 135TH STREET / ROMEO ROAD

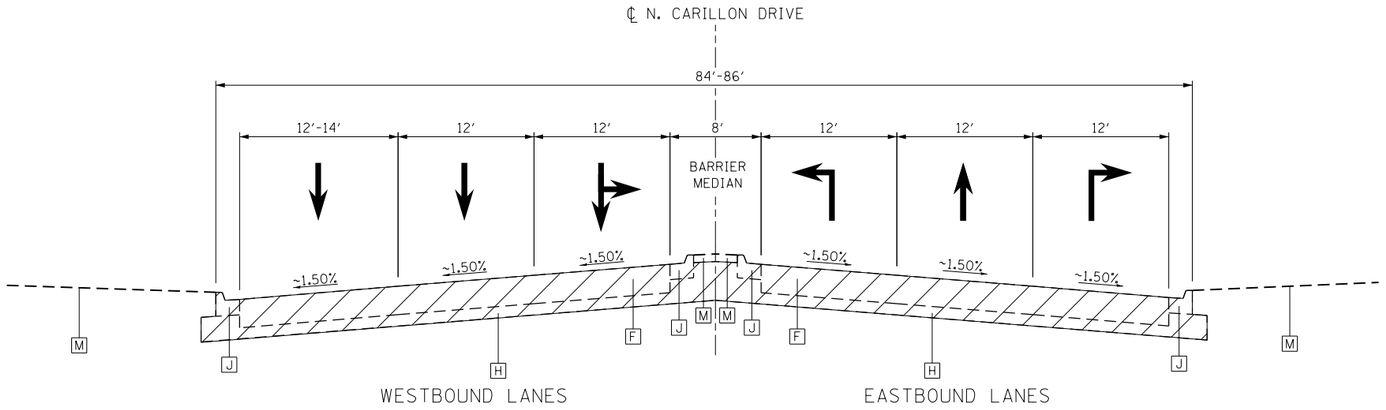
SCALE: NTS | SHEET 2 OF 13 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	17
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

NOTES

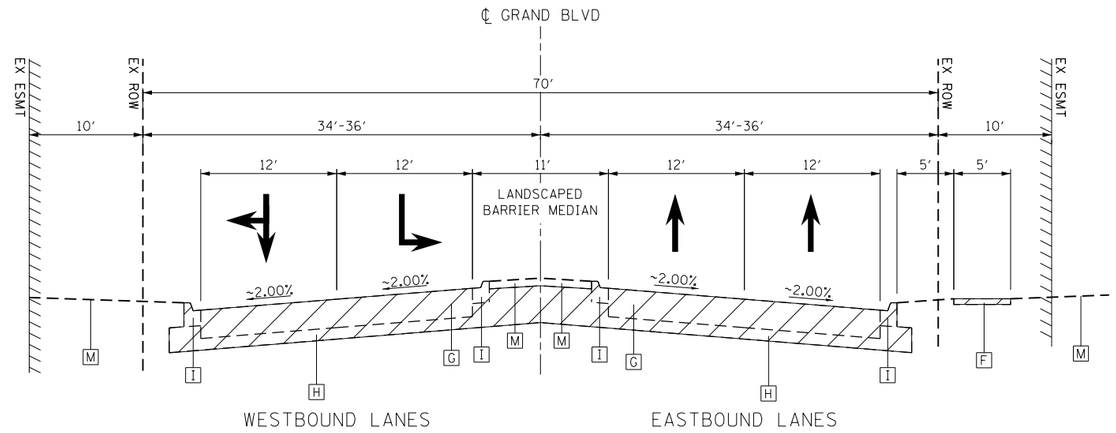
1. REFER TO THE REMOVAL PLANS AND SCHEDULES FOR MORE INFORMATION

TO BE REMOVED



EXISTING TYPICAL SECTION 5

STA 231+40.00 TO STA 235+92.00, N CARILLON DRIVE



EXISTING TYPICAL SECTION 6

STA 235+92.00 TO STA 238+48.00, GRAND BOULEVARD

EXISTING LEGEND:

- A 1¾" HMA SURFACE COURSE
- B 2" HMA SURFACE COURSE
- C 2" HMA BINDER COURSE
- D 2¼" HMA BINDER COURSE
- E 9" HMA BASE COURSE
- F 11" HMA PAVEMENT
- G 12" HMA PAVEMENT
- H 4" GRANULAR SUB-BASE MATERIAL
- I COMB CONC CURB & GUTTER, TYPE B-6.12
- J COMB CONC CURB & GUTTER, TYPE B-6.18
- K COMB CONC CURB & GUTTER, TYPE B-6.24
- L PCC SIDEWALK
- M SODDING & TOPSOIL

FILE NAME = D:\60X11-sht-typical.dgn

thomas engineering group service at the highest grade

USER NAME = TEG	DESIGNED - VJM	REVISED - 3/3/2015
	DRAWN - VJM	REVISED - 6/19/2015
PLOT SCALE = 13.3332 ' / in.	CHECKED - RO	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
EXISTING N. CARILLON DRIVE / GRAND BOULEVARD

SCALE: NTS | SHEET 3 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	18
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

HOT–MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE TYPE	AIR VOIDS @ N_{des}
HOT–MIX ASPHALT PAVEMENT, 7¼" **135TH STREET (WEST LEG)** **NORTH CARILLON DRIVE** **GRAND BOULEVARD**	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm); 2"	4% @ 70 Gyr.
	HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 5¼"	4% @ 70 Gyr.
HOT–MIX ASPHALT PAVEMENT, 10¼" **135TH STREET (EAST LEG)**	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm); 2"	4% @ 70 Gyr.
	HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 8¼"	4% @ 70 Gyr.
TEMPORARY PAVEMENT **WEBER ROAD**	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm); 2"	4% @ 50 Gyr.
	HOT-MIX ASPHALT BASE COURSE (HOT-MIX ASPHALT BINDER), IL-19.0, N50, 8"	4% @ 50 Gyr.
TEMPORARY PAVEMENT **135TH STREET** **N. CARILLON DRIVE** **GRAND BOULEVARD**	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm); 2"	4% @ 50 Gyr.
	HOT-MIX ASPHALT BASE COURSE (HOT-MIX ASPHALT BINDER), IL-19.0, N50, 6"	4% @ 50 Gyr.
HOT–MIX ASPHALT DRIVEWAY PAVEMENT, 10" **PRIVATE ENTRANCES** **COMMERCIAL ENTRANCES**	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm); 2"	4% @ 50 Gyr.
	HOT-MIX ASPHALT BASE COURSE (HOT-MIX ASPHALT BINDER), IL-19.0, N50, 8"	4% @ 50 Gyr.
HMA PAVEMENT RESURFACING, 2"	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm); 2"	4% @ 70 Gyr.
HOT–MIX ASPHALT SHARED–USE PATH, 3"	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm); 3"	4% @ 50 Gyr.
TEMPORARY ACCESS (WINTERIZE)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm); 2"	4% @ 50 Gyr.
CLASS D PATCHES, TYPE IV, 13 INCH	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm); 2"	4% @ 70 Gyr.
	HOT-MIX ASPHALT BINDER, IL-19.0, N70, 10"	4% @ 70 Gyr.

NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LBS/SQ YD/IN.

FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

ALTERNATE TEMPORARY PAVEMENT:
PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS, 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

THE AC TYPE FOR NON-POLYMERIZED HMA SHALL BE PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = D160X11-sht-typical.dgn

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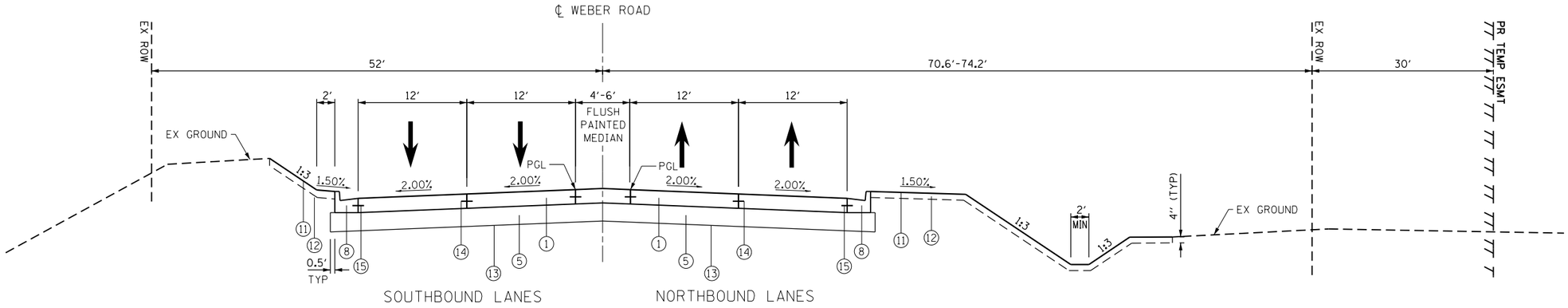
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
HOT–MIX ASPHALT MIXTURE REQUIREMENTS

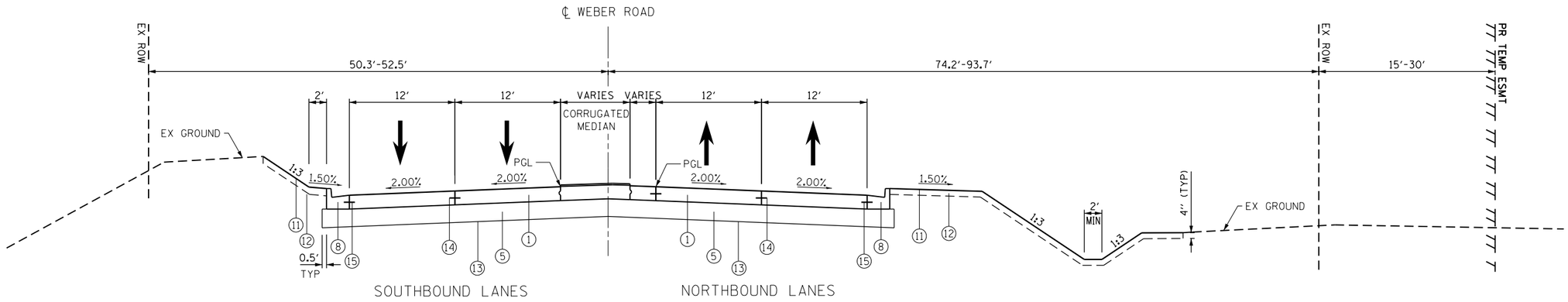
SCALE: NTS | SHEET 4 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	19
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



PROPOSED TYPICAL SECTION 1

STA 736+25.00 TO STA 736+90.28, WEBER ROAD



PROPOSED TYPICAL SECTION 2

STA 736+90.28 TO STA 739+85.96, WEBER ROAD

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH THE AGGREGATE SUBGRADE IMPROVEMENT AND THE EXISTING SUBGRADE AT THE UNDERCUT AREAS. REFER TO CROSS SECTIONS AND P&P FOR UNDERCUT AREAS AND ADDITIONAL INFO.
2. GUTTER FLAG THICKNESS SHALL MATCH THE ADJACENT PAVEMENT THICKNESS AT ALL LOCATIONS.
3. SEE CROSS SECTIONS FOR GRADING INFORMATION.
4. REFER TO DRAINAGE PLAN AND PROFILES FOR LOCATIONS OF REVERSE PITCHED GUTTER.
5. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
6. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC YEAR: 2030
PV = 47,160 SU = 2,535 MU = 1,015

ROAD STREET CLASSIFICATION: CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 8% SU = 37% MU = 37%
TRAFFIC FACTOR: ACTUAL TF 7.94 AC TYPE = _____
MINIMUM TF 4.13
AC GRADE: BINDER = _____ SURFACE = _____
SUBGRADE SUPPORT RATING:
SSR = _____ STA. _____ TO STA _____

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
2. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
3. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 5¼"
4. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 8¼"
5. AGGREGATE SUBGRADE IMPROVEMENT, 12"
6. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
7. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
8. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
9. PCC SIDEWALK
   - A. PORTLAND CEMENT CONCRETE SIDEWALK, 5"
   - B. SUBBASE GRANULAR MATERIAL, TYPE B 4"
10. SHARED-USE PATH
    - A. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
    - B. AGGREGATE BASE COURSE TYPE B, 6"
11. SEEDING OR SODDING, FERTILIZER, AND EROSION CONTROL BLANKET
12. TOPSOIL EXCAVATION AND PLACEMENT
13. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION - SEE NOTE 1
14. LONGITUDINAL CONSTRUCTION JOINT, NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 420001-08 FOR DETAILS (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
15. NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 606001-06 FOR DETAILS (TO BE INCLUDED IN THE COST OF CURB AND GUTTER)
16. NOISE ABATEMENT WALL, GROUND MOUNTED
17. CONCRETE RETAINING WALL
18. BICYCLE RAILING
19. PIPE UNDERDRAINS, TYPE 2, 6"
20. BITUMINOUS TACK COAT BETWEEN LIFTS
21. CONCRETE BARRIER MEDIAN

FILE NAME = D160X11-sht-typical.dgn

thomas engineering group service of the highest grade

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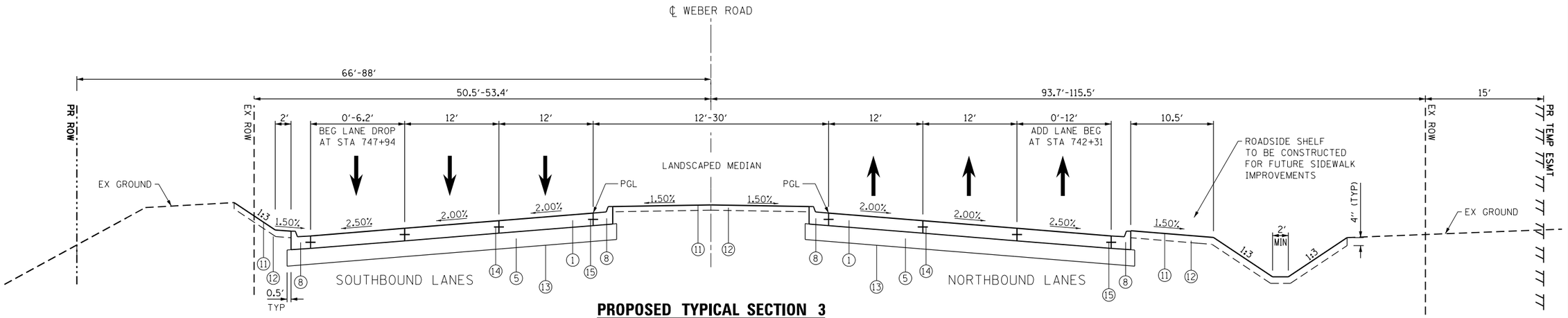
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED WEBER ROAD

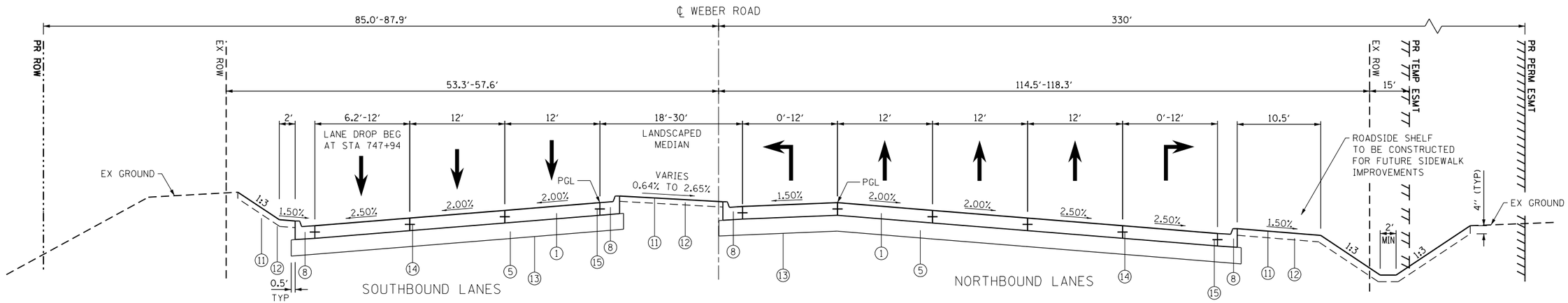
SCALE: NTS | SHEET 5 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	20
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



PROPOSED TYPICAL SECTION 3

STA 739+85.96 TO STA 745+31.00, WEBER ROAD



PROPOSED TYPICAL SECTION 4

STA 745+31.00 TO STA 751+47.48, WEBER ROAD

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH THE AGGREGATE SUBGRADE IMPROVEMENT AND THE EXISTING SUBGRADE AT THE UNDERCUT AREAS. REFER TO CROSS SECTIONS AND P&P FOR UNDERCUT AREAS AND ADDITIONAL INFO.
2. GUTTER FLAG THICKNESS SHALL MATCH THE ADJACENT PAVEMENT THICKNESS AT ALL LOCATIONS.
3. SEE CROSS SECTIONS FOR GRADING INFORMATION.
4. REFER TO DRAINAGE PLAN AND PROFILES FOR LOCATIONS OF REVERSE PITCHED GUTTER.
5. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
6. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC YEAR: 2030
PV = 47,160 SU = 2,535 MU = 1,015

ROAD STREET CLASSIFICATION: CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 8% SU = 37% MU = 37%
TRAFFIC FACTOR: ACTUAL TF 7.94 AC TYPE = _____
MINIMUM TF 4.13
AC GRADE: BINDER = _____ SURFACE = _____
SUBGRADE SUPPORT RATING:
SSR = _____ STA. _____ TO STA _____

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
2. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
3. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 5¼"
4. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 8¼"
5. AGGREGATE SUBGRADE IMPROVEMENT, 12"
6. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
7. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
8. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
9. PCC SIDEWALK
   - A. PORTLAND CEMENT CONCRETE SIDEWALK, 5"
   - B. SUBBASE GRANULAR MATERIAL, TYPE B 4"
10. SHARED-USE PATH
    - A. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
    - B. AGGREGATE BASE COURSE TYPE B, 6"
11. SEEDING OR SODDING, FERTILIZER, AND EROSION CONTROL BLANKET
12. TOPSOIL EXCAVATION AND PLACEMENT
13. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION - SEE NOTE 1
14. LONGITUDINAL CONSTRUCTION JOINT, NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 420001-08 FOR DETAILS (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
15. NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 606001-06 FOR DETAILS (TO BE INCLUDED IN THE COST OF CURB AND GUTTER)
16. NOISE ABATEMENT WALL, GROUND MOUNTED
17. CONCRETE RETAINING WALL
18. BICYCLE RAILING
19. PIPE UNDERDRAINS, TYPE 2, 6"
20. BITUMINOUS TACK COAT BETWEEN LIFTS
21. CONCRETE BARRIER MEDIAN

FILE NAME = D160X11-sht-typical.dgn

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service at the highest grade

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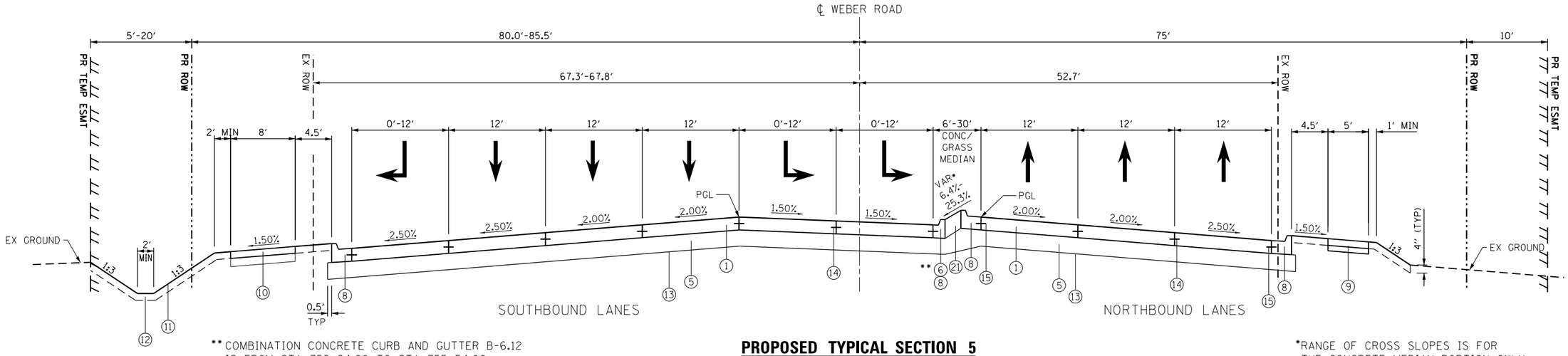
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED WEBER ROAD

SCALE: NTS | SHEET 6 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	21
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

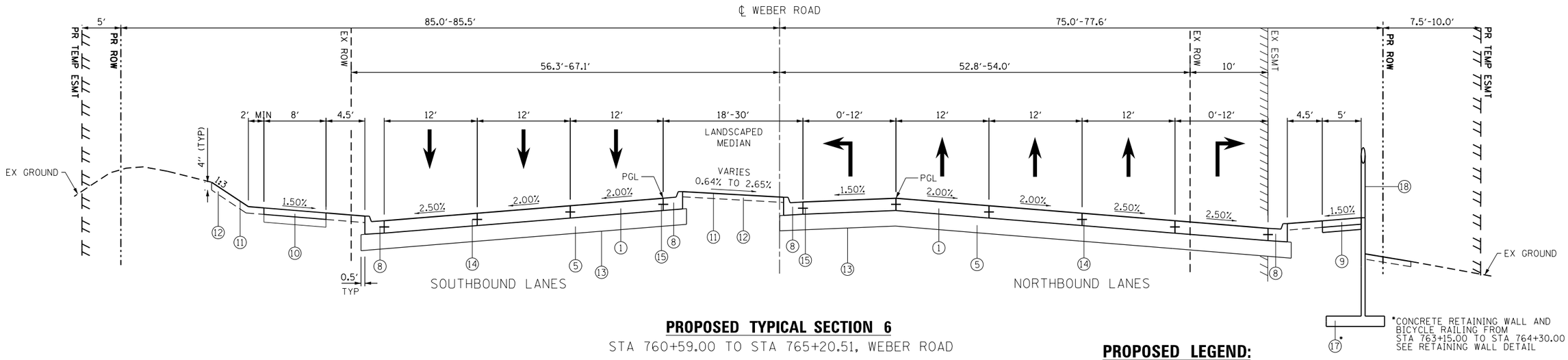


**COMBINATION CONCRETE CURB AND GUTTER B-6.12 IS FROM STA 752+24.00 TO STA 755+54.00
COMBINATION CONCRETE CURB AND GUTTER B-6.24 IS FROM STA 755+54.00 TO STA 760+59.00

PROPOSED TYPICAL SECTION 5

STA 751+47.48 TO STA 760+59.00, WEBER ROAD

*RANGE OF CROSS SLOPES IS FOR THE CONCRETE MEDIAN PORTION ONLY REFER TO CROSS SECTIONS FOR DETAILS



*CONCRETE RETAINING WALL AND BICYCLE RAILING FROM STA 763+15.00 TO STA 764+30.00 SEE RETAINING WALL DETAIL

PROPOSED TYPICAL SECTION 6

STA 760+59.00 TO STA 765+20.51, WEBER ROAD

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH THE AGGREGATE SUBGRADE IMPROVEMENT AND THE EXISTING SUBGRADE AT THE UNDERCUT AREAS. REFER TO CROSS SECTIONS AND P&P FOR UNDERCUT AREAS AND ADDITIONAL INFO.
2. GUTTER FLAG THICKNESS SHALL MATCH THE ADJACENT PAVEMENT THICKNESS AT ALL LOCATIONS.
3. SEE CROSS SECTIONS FOR GRADING INFORMATION.
4. REFER TO DRAINAGE PLAN AND PROFILES FOR LOCATIONS OF REVERSE PITCHED GUTTER.
5. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
6. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC YEAR: 2030
PV = 47,160 SU = 2,535 MU = 1,015

ROAD STREET CLASSIFICATION: CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 8% SU = 37% MU = 37%
TRAFFIC FACTOR: ACTUAL TF 7.94 AC TYPE = _____
MINIMUM TF 4.13
AC GRADE: BINDER = _____ SURFACE = _____
SUBGRADE SUPPORT RATING:
SSR = _____ STA. _____ TO STA _____

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
2. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
3. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 5¼"
4. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 8¼"
5. AGGREGATE SUBGRADE IMPROVEMENT, 12"
6. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
7. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
8. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
9. PCC SIDEWALK
   - A. PORTLAND CEMENT CONCRETE SIDEWALK, 5"
   - B. SUBBASE GRANULAR MATERIAL, TYPE B 4"
10. SHARED-USE PATH
    - A. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
    - B. AGGREGATE BASE COURSE TYPE B, 6"
11. SEEDING OR SODDING, FERTILIZER, AND EROSION CONTROL BLANKET
12. TOPSOIL EXCAVATION AND PLACEMENT
13. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION - SEE NOTE 1
14. LONGITUDINAL CONSTRUCTION JOINT, NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 420001-08 FOR DETAILS (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
15. NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 606001-06 FOR DETAILS (TO BE INCLUDED IN THE COST OF CURB AND GUTTER)
16. NOISE ABATEMENT WALL, GROUND MOUNTED
17. CONCRETE RETAINING WALL
18. BICYCLE RAILING
19. PIPE UNDERDRAINS, TYPE 2, 6"
20. BITUMINOUS TACK COAT BETWEEN LIFTS
21. CONCRETE BARRIER MEDIAN

FILE NAME = D160X11-sht-typical.dgn

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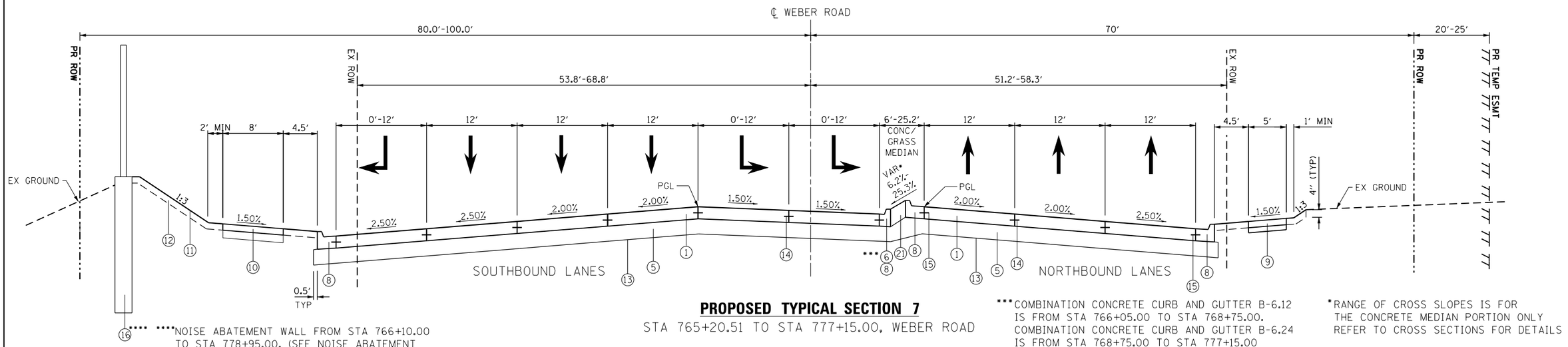
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED WEBER ROAD

SCALE: NTS | SHEET 7 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	22
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



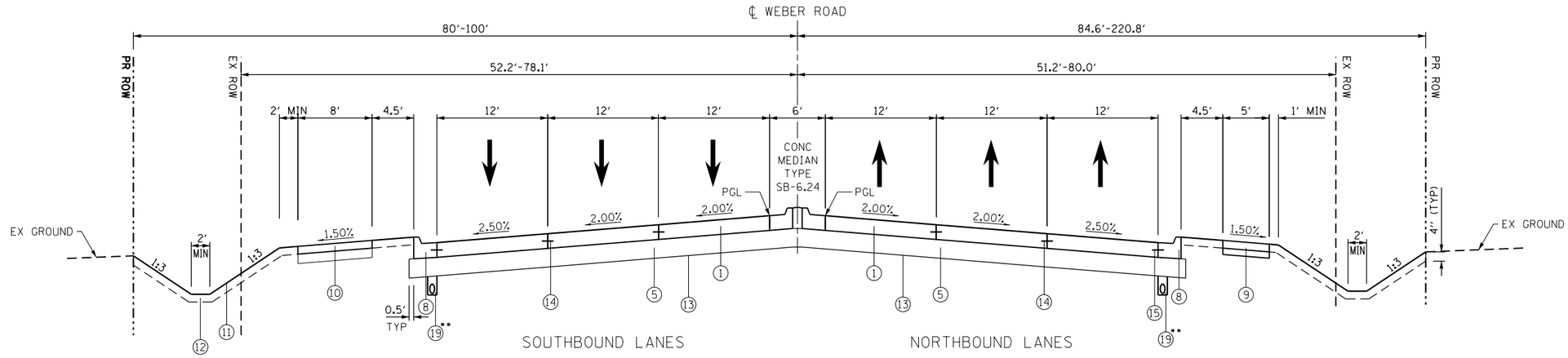
PROPOSED TYPICAL SECTION 7

STA 765+20.51 TO STA 777+15.00, WEBER ROAD

****NOISE ABATEMENT WALL FROM STA 766+10.00 TO STA 778+95.00. (SEE NOISE ABATEMENT WALL PLAN & PROFILE SHEETS FOR DETAILS)

***COMBINATION CONCRETE CURB AND GUTTER B-6.12 IS FROM STA 766+05.00 TO STA 768+75.00. COMBINATION CONCRETE CURB AND GUTTER B-6.24 IS FROM STA 768+75.00 TO STA 777+15.00

*RANGE OF CROSS SLOPES IS FOR THE CONCRETE MEDIAN PORTION ONLY REFER TO CROSS SECTIONS FOR DETAILS



PROPOSED TYPICAL SECTION 8

STA 777+15.00 TO STA 790+20.00, WEBER ROAD

** PIPE UNDERDRAINS, FABRIC LINED TRENCH 6" FROM STA 780+10 TO STA 789+50

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
2. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
3. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 5¼"
4. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 8¼"
5. AGGREGATE SUBGRADE IMPROVEMENT, 12"
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7. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
8. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
9. PCC SIDEWALK
   - (A) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
   - (B) SUBBASE GRANULAR MATERIAL, TYPE B 4"
10. SHARED-USE PATH
    - (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
    - (B) AGGREGATE BASE COURSE TYPE B, 6"
11. SEEDING OR SODDING, FERTILIZER, AND EROSION CONTROL BLANKET
12. TOPSOIL EXCAVATION AND PLACEMENT
13. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION - SEE NOTE 1
14. LONGITUDINAL CONSTRUCTION JOINT, NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 420001-08 FOR DETAILS (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
15. NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 606001-06 FOR DETAILS (TO BE INCLUDED IN THE COST OF CURB AND GUTTER)
16. NOISE ABATEMENT WALL, GROUND MOUNTED
17. CONCRETE RETAINING WALL
18. BICYCLE RAILING
19. PIPE UNDERDRAINS, TYPE 2, 6"
20. BITUMINOUS TACK COAT BETWEEN LIFTS
21. CONCRETE BARRIER MEDIAN

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH THE AGGREGATE SUBGRADE IMPROVEMENT AND THE EXISTING SUBGRADE AT THE UNDERCUT AREAS. REFER TO CROSS SECTIONS AND P&P FOR UNDERCUT AREAS AND ADDITIONAL INFO.
2. GUTTER FLAG THICKNESS SHALL MATCH THE ADJACENT PAVEMENT THICKNESS AT ALL LOCATIONS.
3. SEE CROSS SECTIONS FOR GRADING INFORMATION.
4. REFER TO DRAINAGE PLAN AND PROFILES FOR LOCATIONS OF REVERSE PITCHED GUTTER.
5. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
6. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC YEAR: 2030
PV = 47,160 SU = 2,535 MU = 1,015

ROAD STREET CLASSIFICATION: CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 8% SU = 37% MU = 37%
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MINIMUM TF 4.13
AC GRADE: BINDER = _____ SURFACE = _____
SUBGRADE SUPPORT RATING:
SSR = _____ STA. _____ TO STA _____

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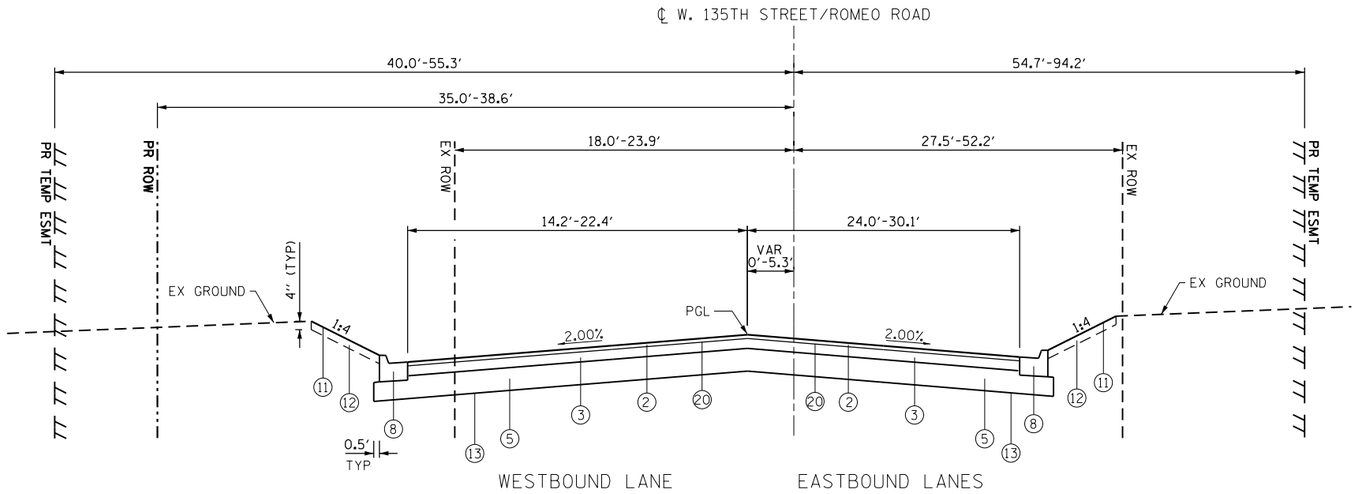
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED WEBER ROAD

SCALE: NTS | SHEET 8 OF 13 SHEETS | STA. | TO STA.

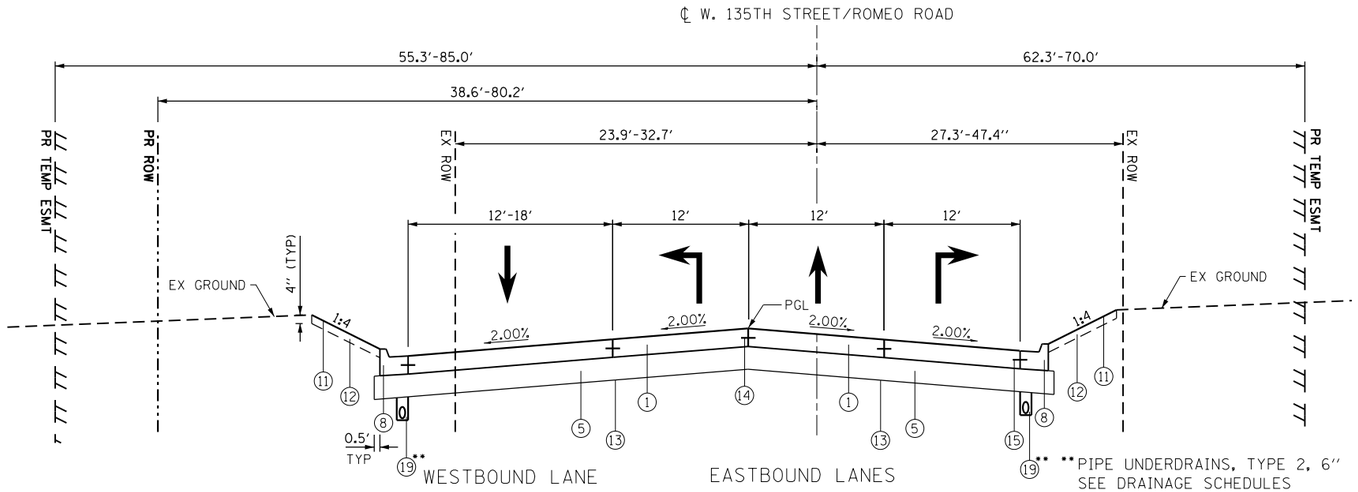
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	23
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

FILE NAME = D:\60\11-sht-typical.dgn



PROPOSED TYPICAL SECTION 9

STA 111+90.00 TO STA 112+90.00, W 135TH STREET/ROMEO ROAD



PROPOSED TYPICAL SECTION 10

STA 112+90.00 TO STA 115+36.58, W 135TH STREET/ROMEO ROAD

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH THE AGGREGATE SUBGRADE IMPROVEMENT AND THE EXISTING SUBGRADE AT THE UNDERCUT AREAS. REFER TO CROSS SECTIONS AND P&P FOR UNDERCUT AREAS AND ADDITIONAL INFO.
2. GUTTER FLAG THICKNESS SHALL MATCH THE ADJACENT PAVEMENT THICKNESS AT ALL LOCATIONS.
3. SEE CROSS SECTIONS FOR GRADING INFORMATION.
4. REFER TO DRAINAGE PLAN AND PROFILES FOR LOCATIONS OF REVERSE PITCHED GUTTER.
5. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
6. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC YEAR: 2030
PV = 47,160 SU = 2,535 MU = 1,015

ROAD STREET CLASSIFICATION: CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 8% SU = 37% MU = 37%
TRAFFIC FACTOR: ACTUAL TF 7.94 AC TYPE = _____
MINIMUM TF 4.13
AC GRADE: BINDER = _____ SURFACE = _____
SUBGRADE SUPPORT RATING:
SSR = _____ STA. _____ TO STA _____

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
2. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
3. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 5¼"
4. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 8¼"
5. AGGREGATE SUBGRADE IMPROVEMENT, 12"
6. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
7. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
8. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
9. PCC SIDEWALK
   - A. PORTLAND CEMENT CONCRETE SIDEWALK, 5"
   - B. SUBBASE GRANULAR MATERIAL, TYPE B 4"
10. SHARED-USE PATH
    - A. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
    - B. AGGREGATE BASE COURSE TYPE B, 6"
11. SEEDING OR SODDING, FERTILIZER, AND EROSION CONTROL BLANKET
12. TOPSOIL EXCAVATION AND PLACEMENT
13. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION - SEE NOTE 1
14. LONGITUDINAL CONSTRUCTION JOINT, NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 420001-08 FOR DETAILS (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
15. NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 606001-06 FOR DETAILS (TO BE INCLUDED IN THE COST OF CURB AND GUTTER)
16. NOISE ABATEMENT WALL, GROUND MOUNTED
17. CONCRETE RETAINING WALL
18. BICYCLE RAILING
19. PIPE UNDERDRAINS, TYPE 2, 6"
20. BITUMINOUS TACK COAT BETWEEN LIFTS
21. CONCRETE BARRIER MEDIAN

FILE NAME = D:\60X11-sht-typical.dgn

thomas engineering group
service at the highest grade

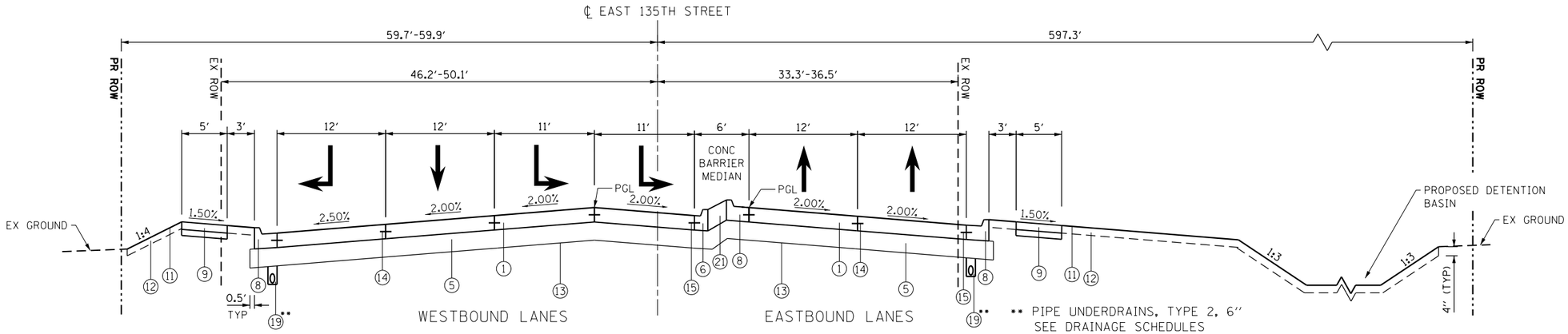
USER NAME = TEG	DESIGNED - VJM	REVISED - 3/3/2015
	DRAWN - VJM	REVISED - 6/19/2015
PLOT SCALE = 13.3332 ' / in.	CHECKED - RO	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED 135TH STREET /ROMEO ROAD

SCALE: NTS | SHEET 9 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	24
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



PROPOSED TYPICAL SECTION 11

STA 115+36.58 TO STA 117+60.00, E 135TH STREET/ROMEO ROAD

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH THE AGGREGATE SUBGRADE IMPROVEMENT AND THE EXISTING SUBGRADE AT THE UNDERCUT AREAS. REFER TO CROSS SECTIONS AND P&P FOR UNDERCUT AREAS AND ADDITIONAL INFO.
2. GUTTER FLAG THICKNESS SHALL MATCH THE ADJACENT PAVEMENT THICKNESS AT ALL LOCATIONS.
3. SEE CROSS SECTIONS FOR GRADING INFORMATION.
4. REFER TO DRAINAGE PLAN AND PROFILES FOR LOCATIONS OF REVERSE PITCHED GUTTER.
5. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
6. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC YEAR: 2030
PV = 47,160 SU = 2,535 MU = 1,015

ROAD STREET CLASSIFICATION: CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 8% SU = 37% MU = 37%
TRAFFIC FACTOR: ACTUAL TF 7.94 AC TYPE = _____
MINIMUM TF 4.13
AC GRADE: BINDER = _____ SURFACE = _____
SUBGRADE SUPPORT RATING:
SSR = _____ STA._____ TO STA_____

PROPOSED LEGEND:

(1) PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
(2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
(3) HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 5¼"
(4) HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 8¼"
(5) AGGREGATE SUBGRADE IMPROVEMENT, 12"
(6) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
(7) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
(8) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
(9) PCC SIDEWALK
  (A) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
  (B) SUBBASE GRANULAR MATERIAL, TYPE B 4"
(10) SHARED-USE PATH
  (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
  (B) AGGREGATE BASE COURSE TYPE B, 6"
(11) SEEDING OR SODDING, FERTILIZER, AND EROSION CONTROL BLANKET
(12) TOPSOIL EXCAVATION AND PLACEMENT
(13) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION - SEE NOTE 1
(14) LONGITUDINAL CONSTRUCTION JOINT, NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 420001-08 FOR DETAILS (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
(15) NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 606001-06 FOR DETAILS (TO BE INCLUDED IN THE COST OF CURB AND GUTTER)
(16) NOISE ABATEMENT WALL, GROUND MOUNTED
(17) CONCRETE RETAINING WALL
(18) BICYCLE RAILING
(19) PIPE UNDERDRAINS, TYPE 2, 6"
(20) BITUMINOUS TACK COAT BETWEEN LIFTS
(21) CONCRETE BARRIER MEDIAN

FILE NAME = D160X11-sht-tgptcsl.dgn

thomas engineering group service at the highest grade

USER NAME = TEG	DESIGNED - VJM	REVISED - 3/3/2015	
	DRAWN - VJM	REVISED - 6/19/2015	
PLOT SCALE = 13.3332 '/ in.	CHECKED - RO	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

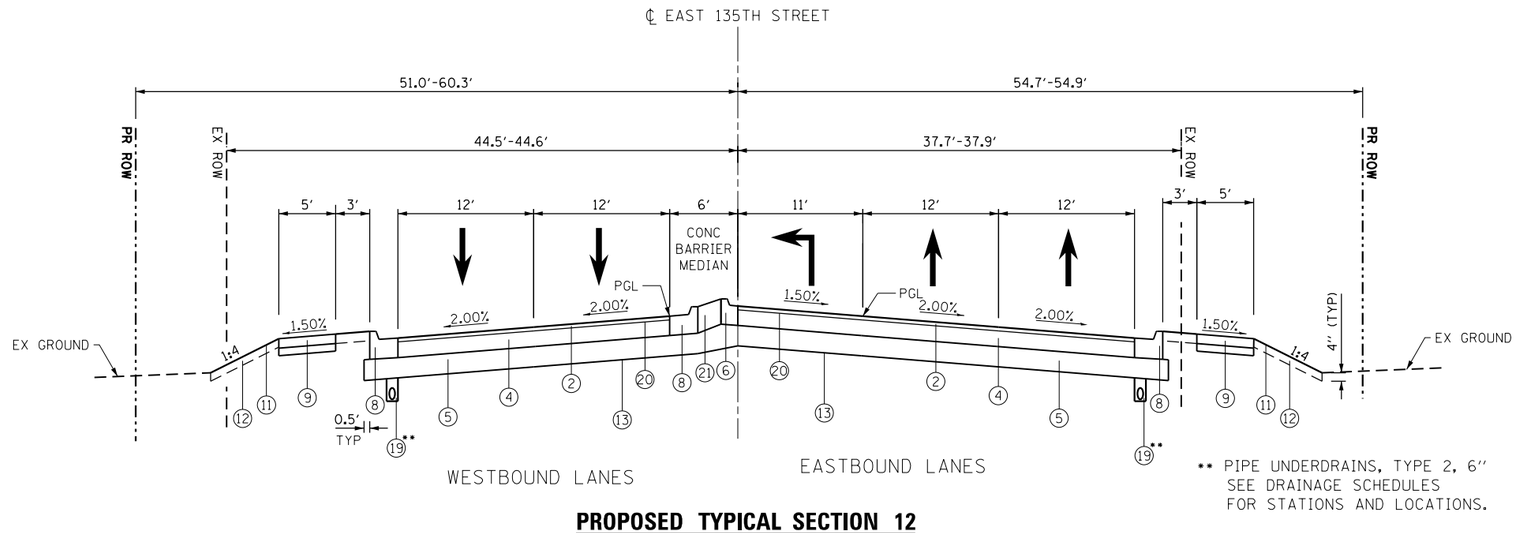
TYPICAL SECTIONS
PROPOSED 135TH STREET /ROMEO ROAD

SCALE: NTS | SHEET 10 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	25

CONTRACT NO. 61D47

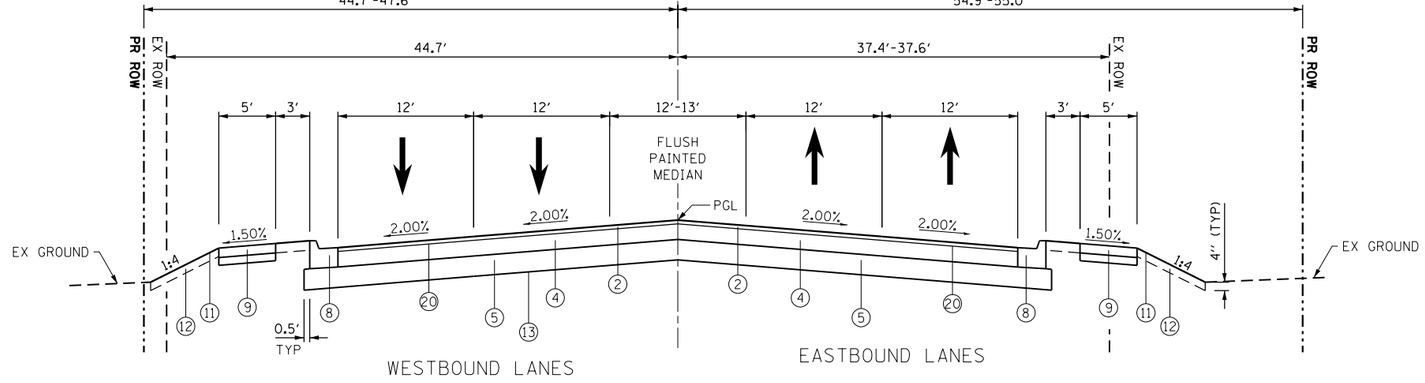
ILLINOIS FED. AID PROJECT



** PIPE UNDERDRAINS, TYPE 2, 6''
SEE DRAINAGE SCHEDULES
FOR STATIONS AND LOCATIONS.

PROPOSED TYPICAL SECTION 12

STA 117+60.00 TO STA 121+83.00, E 135TH STREET/ROMEO ROAD



PROPOSED TYPICAL SECTION 13

STA 121+83.00 TO STA 123+80.00, E 135TH STREET/ROMEO ROAD

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH THE AGGREGATE SUBGRADE IMPROVEMENT AND THE EXISTING SUBGRADE AT THE UNDERCUT AREAS. REFER TO CROSS SECTIONS AND P&P FOR UNDERCUT AREAS AND ADDITIONAL INFO.
2. GUTTER FLAG THICKNESS SHALL MATCH THE ADJACENT PAVEMENT THICKNESS AT ALL LOCATIONS.
3. SEE CROSS SECTIONS FOR GRADING INFORMATION.
4. REFER TO DRAINAGE PLAN AND PROFILES FOR LOCATIONS OF REVERSE PITCHED GUTTER.
5. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
6. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC YEAR: 2030
PV = 47,160 SU = 2,535 MU = 1,015

ROAD STREET CLASSIFICATION: CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 8% SU = 37% MU = 37%
TRAFFIC FACTOR: ACTUAL TF 7.94 AC TYPE = _____
MINIMUM TF 4.13
AC GRADE: BINDER = _____ SURFACE = _____
SUBGRADE SUPPORT RATING:
SSR = _____ STA. _____ TO STA _____

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10''
2. HOT-MIX ASPHALT SURFACE COURSE, MIX ''D'', N70, 2''
3. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 5¼''
4. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 8¼''
5. AGGREGATE SUBGRADE IMPROVEMENT, 12''
6. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
7. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
8. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
9. PCC SIDEWALK
   - A. PORTLAND CEMENT CONCRETE SIDEWALK, 5''
   - B. SUBBASE GRANULAR MATERIAL, TYPE B 4''
10. SHARED-USE PATH
    - A. HOT-MIX ASPHALT SURFACE COURSE, MIX ''D'', N50, 3''
    - B. AGGREGATE BASE COURSE TYPE B, 6''
11. SEEDING OR SODDING, FERTILIZER, AND EROSION CONTROL BLANKET
12. TOPSOIL EXCAVATION AND PLACEMENT
13. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION - SEE NOTE 1
14. LONGITUDINAL CONSTRUCTION JOINT, NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 420001-08 FOR DETAILS (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
15. NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 606001-06 FOR DETAILS (TO BE INCLUDED IN THE COST OF CURB AND GUTTER)
16. NOISE ABATEMENT WALL, GROUND MOUNTED
17. CONCRETE RETAINING WALL
18. BICYCLE RAILING
19. PIPE UNDERDRAINS, TYPE 2, 6''
20. BITUMINOUS TACK COAT BETWEEN LIFTS
21. CONCRETE BARRIER MEDIAN

FILE NAME = D160X11-sht-typical.dgn

thomas engineering group
service at the highest grade

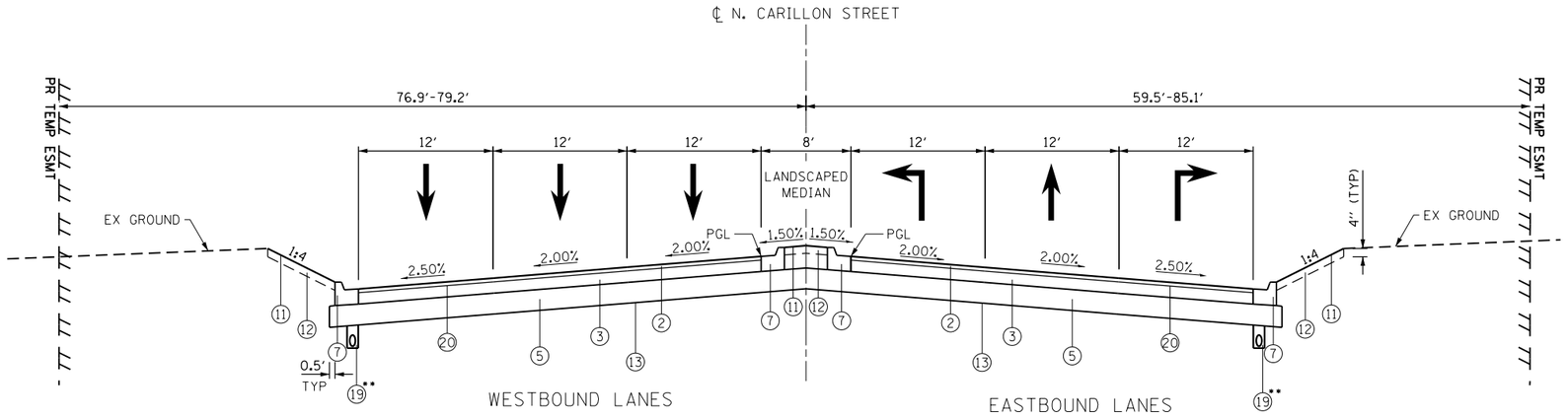
USER NAME = TEG	DESIGNED - VJM	REVISED - 3/3/2015
	DRAWN - VJM	REVISED - 6/19/2015
PLOT SCALE = 13.3332 ' / in.	CHECKED - RO	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED 135TH STREET /ROMEO ROAD

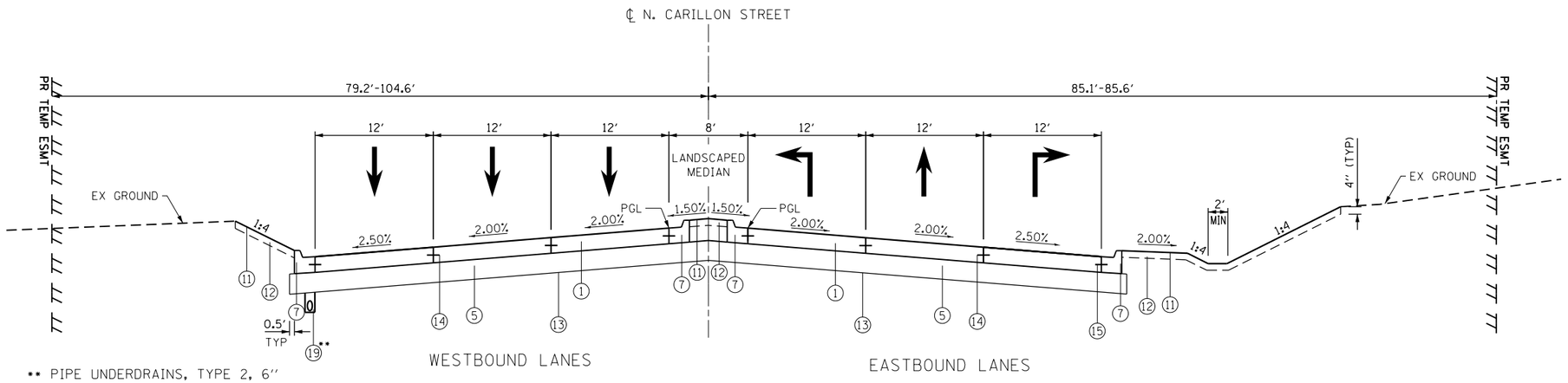
SCALE: NTS | SHEET 11 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	26
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		



PROPOSED TYPICAL SECTION 14

STA 231+40.00 TO STA 232+95.00, N CARILLON DRIVE



** PIPE UNDERDRAINS, TYPE 2, 6"
SEE DRAINAGE SCHEDULES
FOR STATIONS AND LOCATIONS.

PROPOSED TYPICAL SECTION 15

STA 232+95.00 TO STA 234+24.00, N CARILLON DRIVE

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH THE AGGREGATE SUBGRADE IMPROVEMENT AND THE EXISTING SUBGRADE AT THE UNDERCUT AREAS. REFER TO CROSS SECTIONS AND P&P FOR UNDERCUT AREAS AND ADDITIONAL INFO.
2. GUTTER FLAG THICKNESS SHALL MATCH THE ADJACENT PAVEMENT THICKNESS AT ALL LOCATIONS.
3. SEE CROSS SECTIONS FOR GRADING INFORMATION.
4. REFER TO DRAINAGE PLAN AND PROFILES FOR LOCATIONS OF REVERSE PITCHED GUTTER.
5. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
6. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC YEAR: 2030
PV = 47,160 SU = 2,535 MU = 1,015

ROAD STREET CLASSIFICATION: CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 8% SU = 37% MU = 37%
TRAFFIC FACTOR: ACTUAL TF 7.94 AC TYPE = _____
MINIMUM TF 4.13
AC GRADE: BINDER = _____ SURFACE = _____
SUBGRADE SUPPORT RATING:
SSR = _____ STA. _____ TO STA _____

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
2. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
3. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 5¼"
4. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, 8¼"
5. AGGREGATE SUBGRADE IMPROVEMENT, 12"
6. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
7. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
8. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
9. PCC SIDEWALK
   - A. PORTLAND CEMENT CONCRETE SIDEWALK, 5"
   - B. SUBBASE GRANULAR MATERIAL, TYPE B 4"
10. SHARED-USE PATH
    - A. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
    - B. AGGREGATE BASE COURSE TYPE B, 6"
11. SEEDING OR SODDING, FERTILIZER, AND EROSION CONTROL BLANKET
12. TOPSOIL EXCAVATION AND PLACEMENT
13. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION - SEE NOTE 1
14. LONGITUDINAL CONSTRUCTION JOINT, NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 420001-08 FOR DETAILS (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
15. NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 606001-06 FOR DETAILS (TO BE INCLUDED IN THE COST OF CURB AND GUTTER)
16. NOISE ABATEMENT WALL, GROUND MOUNTED
17. CONCRETE RETAINING WALL
18. BICYCLE RAILING
19. PIPE UNDERDRAINS, TYPE 2, 6"
20. BITUMINOUS TACK COAT BETWEEN LIFTS
21. CONCRETE BARRIER MEDIAN

FILE NAME = D:\60\11-sht-typical.dgn

thomas engineering group service at the highest grade®

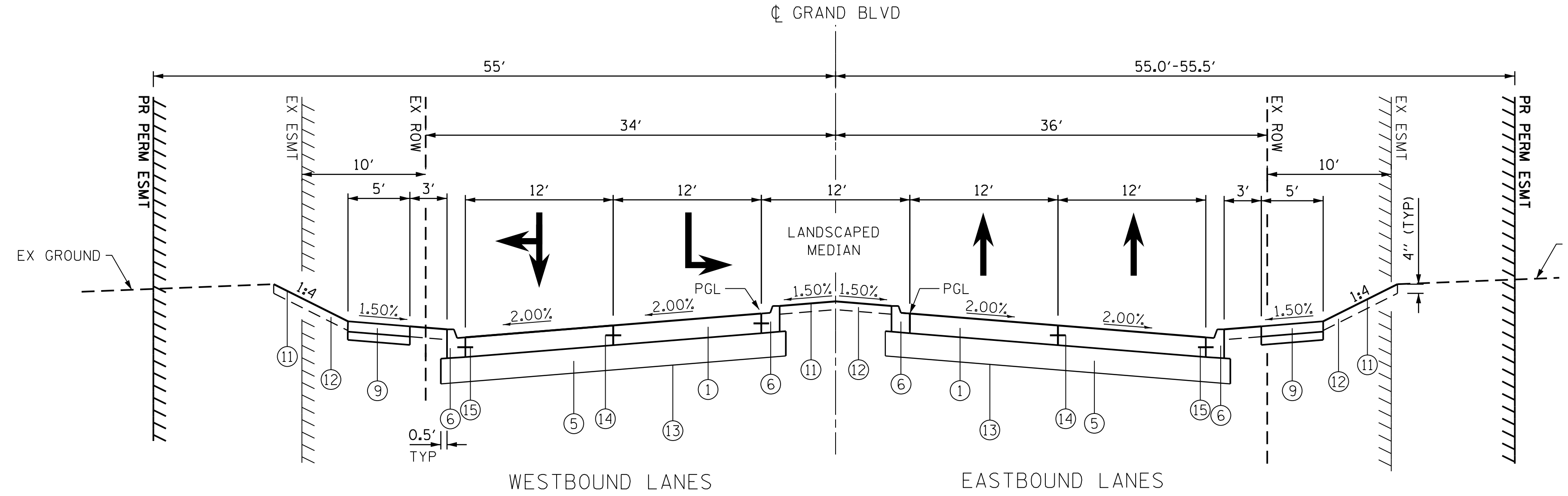
USER NAME = TEG	DESIGNED - VJM	REVISED - 3/3/2015	
	DRAWN - VJM	REVISED - 6/19/2015	
PLOT SCALE = 13.3332 '/ in.	CHECKED - RO	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED N. CARILLON DRIVE

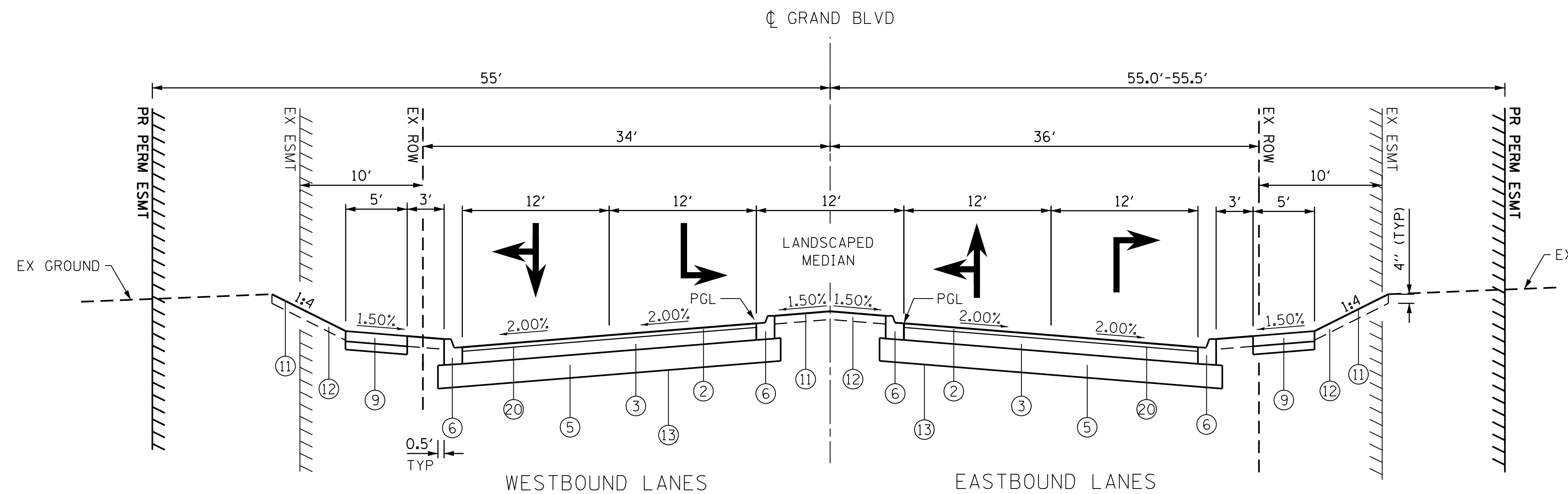
SCALE: NTS | SHEET 12 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	27
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		



PROPOSED TYPICAL SECTION 16

STA 235+93.00 TO STA 237+00.00, GRAND BOULEVARD



PROPOSED TYPICAL SECTION 17

STA 237+00.00 TO STA 238+38.00, GRAND BOULEVARD

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH THE AGGREGATE SUBGRADE IMPROVEMENT AND THE EXISTING SUBGRADE AT THE UNDERCUT AREAS. REFER TO CROSS SECTIONS AND P&P FOR UNDERCUT AREAS AND ADDITIONAL INFO.
2. GUTTER FLAG THICKNESS SHALL MATCH THE ADJACENT PAVEMENT THICKNESS AT ALL LOCATIONS.
3. SEE CROSS SECTIONS FOR GRADING INFORMATION.
4. REFER TO DRAINAGE PLAN AND PROFILES FOR LOCATIONS OF REVERSE PITCHED GUTTER.
5. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
6. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC YEAR: 2030
PV = 47,160 SU = 2,535 MU = 1,015

ROAD STREET CLASSIFICATION: CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 8% SU = 37% MU = 37%
TRAFFIC FACTOR: ACTUAL TF 7.94 AC TYPE = ____
MINIMUM TF 4.13
AC GRADE: BINDER = ____ SURFACE = ____
SUBGRADE SUPPORT RATING:
SSR = ____ STA. ____ TO STA ____

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
2. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
3. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, $5^1/_4$"
4. HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70, $8^1/_4$"
5. AGGREGATE SUBGRADE IMPROVEMENT, 12"
6. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
7. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
8. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
9. PCC SIDEWALK
   - (A) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
   - (B) SUBBASE GRANULAR MATERIAL, TYPE B 4"
10. SHARED-USE PATH
    - (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
    - (B) AGGREGATE BASE COURSE TYPE B, 6"
11. SEEDING OR SODDING, FERTILIZER, AND EROSION CONTROL BLANKET
12. TOPSOIL EXCAVATION AND PLACEMENT
13. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION - SEE NOTE 1
14. LONGITUDINAL CONSTRUCTION JOINT, NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 420001-08 FOR DETAILS (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
15. NO. 6 TIE BAR, DEFORMED (EPOXY COATED) REFER TO STANDARD 606001-06 FOR DETAILS (TO BE INCLUDED IN THE COST OF CURB AND GUTTER)
16. NOISE ABATEMENT WALL, GROUND MOUNTED
17. CONCRETE RETAINING WALL
18. BICYCLE RAILING
19. PIPE UNDERDRAINS, TYPE 2, 6"
20. BITUMINOUS TACK COAT BETWEEN LIFTS
21. CONCRETE BARRIER MEDIAN

FILE NAME : D1608X11-sht-typical.dgn

thomas® engineering group — service at the highest grade

USER NAME = TEG	DESIGNED - VJM	REVISED - 3/3/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - VJM	REVISED - 6/19/2015	
PLOT SCALE = 13.3332 '/ in.	CHECKED - RO	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

TYPICAL SECTIONS
PROPOSED GRAND BLVD
SCALE: NTS SHEET 13 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	28

CONTRACT NO. 61D47
ILLINOIS FED. AID PROJECT

WEBER ROAD

PRE-STAGE CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		0.4	100.0	36.7	1.4
727+00	0.7				
		1.2	100.0	116.2	4.3
728+00	1.6				
		5.5	100.0	552.6	20.5
729+00	9.5				
		6.6	100.0	656.0	24.3
730+00	3.7				
		3.7	100.0	365.8	13.5
731+00	3.7				
		4.0	100.0	400.5	14.8
732+00	4.4				
		4.3	100.0	434.8	16.1
733+00	4.3				
		4.2	100.0	423.0	15.7
734+00	4.1				
		3.5	100.0	350.3	13.0
735+00	2.9				
		2.0	100.0	203.0	7.5
736+00	1.2				
		0.6	100.0	61.0	2.3
737+00	0.1				
		0.0	100.0	2.5	0.1
738+00	0.0				
		4.9	100.0	487.3	18.0
739+00	9.7				
		21.8	100.0	2,175.6	80.6
740+00	33.8				
		35.5	100.0	3,548.1	131.4
741+00	37.2				
		41.1	100.0	4,109.3	152.2
742+00	45.0				
		53.0	100.0	5,295.6	196.1
743+00	60.9				
		62.6	100.0	6,261.8	231.9
744+00	64.3				
		55.4	100.0	5,544.6	205.4
745+00	46.6				
		41.9	100.0	4,185.8	155.0
746+00	37.1				
		41.2	100.0	4,118.1	152.5
747+00	45.2				
		418.1	100.0	41,811.9	1,548.6
748+00	791.0				
		865.2	100.0	86,515.8	3,204.3
749+00	939.3				
		931.6	100.0	93,156.0	3,450.2
750+00	923.8				
		496.6	100.0	49,661.8	1,839.3
751+00	69.4				
		59.1	100.0	5,910.0	218.9
752+00	48.8				
		54.3	100.0	5,434.1	201.3
753+00	59.9				
		56.4	100.0	5,636.5	208.8
754+00	52.8				
		57.2	100.0	5,717.3	211.8
755+00	61.5				
		64.0	5.9	377.6	14.0
755+05.90	66.5				
		68.6	94.1	6,451.5	238.9
756+00	70.6				
		70.5	100.0	7,046.3	261.0
757+00	70.3				
		82.6	100.0	8,259.2	305.9
758+00	94.9				
		82.0	100.0	8,200.5	303.7

WEBER ROAD

PRE-STAGE CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	69.1				
		72.2	100.0	7,218.9	267.4
760+00	75.3				
		55.5	59.0	3,275.4	121.3
760+58.97	35.8				
		29.3	41.0	1,202.8	44.5
761+00	22.8				
		31.2	100.0	3,124.3	115.7
762+00	39.7				
		38.9	100.0	3,886.3	143.9
763+00	38.0				
		33.5	100.0	3,350.8	124.1
764+00	29.0				
		14.5	100.0	1,448.5	53.6
765+00	0.0				
		28.1	100.0	2,813.3	104.2
766+00	56.3				
		55.6	100.0	5,561.8	206.0
767+00	55.0				
		38.3	100.0	3,825.4	141.7
768+00	21.5				
		23.4	100.0	2,338.5	86.6
769+00	25.2				
		36.1	100.0	3,614.8	133.9
770+00	47.1				
		49.8	100.0	4,982.9	184.6
771+00	52.6				
		48.4	100.0	4,837.9	179.2
772+00	44.2				
		52.0	100.0	5,201.2	192.6
773+00	59.9				
		58.6	100.0	5,863.7	217.2
774+00	57.4				
		56.7	100.0	5,665.9	209.8
775+00	55.9				
		53.4	100.0	5,337.2	197.7
776+00	50.8				
		58.1	100.0	5,814.8	215.4
777+00	65.5				
		41.8	100.0	4,178.9	154.8
778+00	18.1				
		469.8	100.0	46,976.5	1,739.9
779+00	921.4				
		920.0	100.0	92,003.5	3,407.5
780+00	918.7				
		459.3	100.0	45,933.1	1,701.2
781+00	0.0				
		0.0	100.0	0.0	0.0
782+00	0.0				
		0.0	100.0	0.0	0.0
783+00	0.0				
		0.0	100.0	0.0	0.0
784+00	0.0				
		0.0	17.6	0.0	0.0
784+17.56	0.0				
		0.0	82.4	0.0	0.0
785+00	0.0				
		0.0	100.0	0.0	0.0
786+00	0.0				
		0.0	100.0	0.0	0.0
787+00	0.0				
		0.0	100.0	0.0	0.0
788+00	0.0				
		0.0	100.0	0.0	0.0
789+00	0.0				
		0.0	100.0	0.0	0.0
790+00	0.0				
		0.0	20.0	0.0	0.0
790+20	0.0				
				TOTAL	23,407

WEBER ROAD

PRE-STAGE FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		5.2	100.0	521.7	19.3
727+00	10.4				
		12.8	100.0	1,281.8	47.5
728+00	15.2				
		18.3	100.0	1,829.7	67.8
729+00	21.4				
		23.2	100.0	2,323.4	86.1
730+00	25.1				
		31.5	100.0	3,149.7	116.7
731+00	37.9				
		37.1	100.0	3,712.0	137.5
732+00	36.3				
		32.0	100.0	3,200.0	118.5
733+00	27.7				
		36.7	100.0	3,673.4	136.1
734+00	45.8				
		60.1	100.0	6,007.9	222.5
735+00	74.4				
		100.5	100.0	10,050.0	372.2
736+00	126.6				
		128.6	100.0	12,859.2	476.3
737+00	130.6				
		93.1	100.0	9,306.5	344.7
738+00	55.6				
		44.7	100.0	4,469.7	165.5
739+00	33.8				
		34.6	100.0	3,457.5	128.1
740+00	35.3				
		32.1	100.0	3,206.8	118.8
741+00	28.8				
		26.9	100.0	2,692.8	99.7
742+00	25.1				
		24.5	100.0	2,449.8	90.7
743+00	23.9				
		25.6	100.0	2,559.8	94.8
744+00	27.3				
		29.9	100.0	2,993.1	110.9
745+00	32.6				
		34.6	100.0	3,457.3	128.0
746+00	36.5				
		30.3	100.0	3,029.0	112.2
747+00	24.0				
		37.9	100.0	3,790.5	140.4
748+00	51.8				
		52.0	100.0	5,196.5	192.5
749+00	52.2				
		44.3	100.0	4,431.4	164.1
750+00	36.5				
		19.3	100.0	1,932.8	71.6
751+00	2.2				
		1.9	100.0	191.4	7.1
752+00	1.6				
		2.3	100.0	225.5	8.4
753+00	2.9				
		3.1	100.0	308.9	11.4
754+00	3.3				
		9.2	100.0	916.3	33.9
755+00	15.0				
		15.1	5.9	88.9	3.3
755+05.90	15.1				
		25.5	94.1	2,401.5	88.9
756+00	35.9				
		30.9	100.0	3,091.1	114.5
757+00	25.9				
		20.3	100.0	2,025.8	75.0
758+00	14.6				
		12.7	100.0	1,267.8	47.0

WEBER ROAD

PRE-STAGE FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	10.7				
		11.0	100.0	1,098.3	40.7
760+00	11.2				
		7.7	59.0	454.5	16.8
760+59	4.2				
		9.1	41.0	371.9	13.8
761+00	13.9				
		13.4	100.0	1,336.8	49.5
762+00	12.8				
		13.3	100.0	1,333.7	49.4
763+00	13.9				
		13.6	100.0	1,355.8	50.2
764+00	13.2				
		6.6	100.0	661.5	24.5
765+00	0.0				
		1.5	100.0	145.9	5.4
766+00	2.9				
		2.8	100.0	279.3	10.3
767+00	2.7				
		3.5	100.0	349.2	12.9
768+00	4.3				
		4.6	100.0	459.9	17.0
769+00	4.9				
		4.0	100.0	403.4	14.9
770+00	3.2				
		2.9	100.0	285.3	10.6
771+00	2.5				
		2.6	100.0	258.7	9.6
772+00	2.7				
		3.5	100.0	352.8	13.1
773+00	4.4				
		4.3	100.0	433.0	16.0
774+00	4.3				
		4.3	100.0	434.0	16.1
775+00	4.4				
		5.1	100.0	507.9	18.8
776+00	5.7				
		5.9	100.0	587.9	21.8
777+00	6.0				
		24.9	100.0	2,494.4	92.4
778+00	43.9				
		40.4	100.0	4,040.4	149.6
779+00	36.9				
		19.2	100.0	1,919.5	71.1
780+00	1.4				
		93.1	100.0	9,307.3	344.7
781+00	184.7				
		192.5	100.0	19,247.5	712.9
782+00	200.3				
		189.5	100.0	18,950.0	701.9
783+00	178.8				
		165.3	100.0	16,532.5	612.3
784+00	151.9				
		144.0	17.6	2,529.1	93.7
784+18	136.2				
		131.8	82.4	10,861.5	402.3
785+00	127.4				
		124.3	100.0	12,432.5	460.5
786+00	121.3				
		126.4	100.0	12,635.0	468.0
787+00	131.4				
		140.7	100.0	14,067.5	521.0
788+00	150.0				
		157.7	100.0	15,772.5	584.2
789+00	165.5				
		176.2	100.0	17,617.5	652.5
790+00	186.9				
		93.4	20.0	1,868.5	69.2
790+20	0.0				
				TOTAL	10,500

FILE NAME = D160X11-sht-schedule01.dgn

thomas engineering group service at the highest grade

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 1 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	29
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

WEBER ROAD

PRE-STAGE TOPSOIL REMOVAL					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		3.8	100.0	384.1	14.2
727+00	7.7				
		8.1	100.0	808.0	29.9
728+00	8.5				
		11.7	100.0	1,169.0	43.3
729+00	14.9				
		15.4	100.0	1,535.8	56.9
730+00	15.8				
		15.9	100.0	1,587.1	58.8
731+00	15.9				
		16.7	100.0	1,667.9	61.8
732+00	17.4				
		18.2	100.0	1,823.5	67.5
733+00	19.0				
		21.0	100.0	2,097.2	77.7
734+00	22.9				
		25.1	100.0	2,514.1	93.1
735+00	27.4				
		30.0	100.0	3,000.0	111.1
736+00	32.6				
		33.5	100.0	3,346.7	124.0
737+00	34.3				
		32.9	100.0	3,293.6	122.0
738+00	31.6				
		34.5	100.0	3,449.6	127.8
739+00	37.4				
		39.2	100.0	3,915.2	145.0
740+00	40.9				
		40.7	100.0	4,069.2	150.7
741+00	40.5				
		40.4	100.0	4,036.7	149.5
742+00	40.2				
		40.1	100.0	4,006.6	148.4
743+00	39.9				
		39.3	100.0	3,930.6	145.6
744+00	38.7				
		37.7	100.0	3,769.0	139.6
745+00	36.7				
		36.0	100.0	3,604.3	133.5
746+00	35.4				
		35.2	100.0	3,523.7	130.5
747+00	35.1				
		84.0	100.0	8,395.5	310.9
748+00	132.8				
		131.6	100.0	13,164.3	487.6
749+00	130.4				
		130.0	100.0	12,998.8	481.4
750+00	129.5				
		78.6	100.0	7,862.3	291.2
751+00	27.7				
		32.6	100.0	3,257.4	120.6
752+00	37.4				
		38.1	100.0	3,808.3	141.0
753+00	38.7				
		36.2	100.0	3,624.2	134.2
754+00	33.8				
		40.6	100.0	4,060.5	150.4
755+00	47.5				
		47.4	5.9	279.6	10.4
755+05.90	47.3				
		45.4	94.1	4,273.2	158.3
756+00	43.5				
		44.1	100.0	4,409.7	163.3
757+00	44.7				
		45.0	100.0	4,501.2	166.7
758+00	45.3				
		44.5	100.0	4,454.2	165.0

WEBER ROAD

PRE-STAGE TOPSOIL REMOVAL					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	43.7				
		43.1	100.0	4,308.6	159.6
760+00	42.4				
		33.5	59.0	1,978.2	73.3
760+59	24.7				
		27.1	41.0	1,110.3	41.1
761+00	29.5				
		31.5	100.0	3,154.5	116.8
762+00	33.6				
		35.2	100.0	3,522.0	130.4
763+00	36.8				
		35.7	100.0	3,565.0	132.0
764+00	34.5				
		17.2	100.0	1,724.9	63.9
765+00	0.0				
		14.5	100.0	1,447.7	53.6
766+00	29.0				
		28.8	100.0	2,882.1	106.7
767+00	28.7				
		25.5	100.0	2,549.7	94.4
768+00	22.3				
		22.9	100.0	2,291.7	84.9
769+00	23.5				
		23.3	100.0	2,329.3	86.3
770+00	23.1				
		23.2	100.0	2,321.3	86.0
771+00	23.4				
		22.5	100.0	2,250.5	83.4
772+00	21.6				
		23.5	100.0	2,347.8	87.0
773+00	25.3				
		26.4	100.0	2,638.1	97.7
774+00	27.4				
		27.8	100.0	2,777.4	102.9
775+00	28.1				
		28.6	100.0	2,863.0	106.0
776+00	29.2				
		28.0	100.0	2,796.5	103.6
777+00	26.8				
		28.9	100.0	2,885.2	106.9
778+00	30.9				
		72.9	100.0	7,289.0	270.0
779+00	114.8				
		105.9	100.0	10,592.9	392.3
780+00	97.0				
		68.7	100.0	6,868.1	254.4
781+00	40.4				
		40.1	100.0	4,006.3	148.4
782+00	39.8				
		39.7	100.0	3,970.4	147.1
783+00	39.6				
		39.1	100.0	3,912.1	144.9
784+00	38.6				
		40.5	17.6	710.6	26.3
784+18	42.3				
		33.0	82.4	2,717.9	100.7
785+00	23.6				
		24.1	100.0	2,413.5	89.4
786+00	24.7				
		25.4	100.0	2,539.1	94.0
787+00	26.1				
		26.9	100.0	2,687.3	99.5
788+00	27.6				
		27.6	100.0	2,762.3	102.3
789+00	27.6				
		26.7	100.0	2,672.4	99.0
790+00	25.8				
		12.9	20.0	258.3	9.6
790+20	0.0				
				TOTAL	8,807

WEBER ROAD

PRE-STAGE TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		0.0	100.0	0.0	0.0
727+00	0.0				
		0.0	100.0	0.0	0.0
728+00	0.0				
		0.0	100.0	0.0	0.0
729+00	0.0				
		0.0	100.0	0.0	0.0
730+00	0.0				
		0.0	100.0	0.0	0.0
731+00	0.0				
		0.0	100.0	0.0	0.0
732+00	0.0				
		0.0	100.0	0.0	0.0
733+00	0.0				
		0.0	100.0	0.0	0.0
734+00	0.0				
		0.0	100.0	0.0	0.0
735+00	0.0				
		0.0	100.0	0.0	0.0
736+00	0.0				
		0.0	100.0	0.0	0.0
737+00	0.0				
		0.0	100.0	0.0	0.0
738+00	0.0				
		0.0	100.0	0.0	0.0
739+00	0.0				
		0.0	100.0	0.0	0.0
740+00	0.0				
		0.0	100.0	0.0	0.0
741+00	0.0				
		0.0	100.0	0.0	0.0
742+00	0.0				
		0.0	100.0	0.0	0.0
743+00	0.0				
		0.0	100.0	0.0	0.0
744+00	0.0				
		0.0	100.0	0.0	0.0
745+00	0.0				
		4.2	100.0	416.6	15.4
746+00	8.3				
		8.2	100.0	817.8	30.3
747+00	8.0				
		35.4	100.0	3,538.5	131.1
748+00	62.7				
		62.3	100.0	6,234.6	230.9
749+00	61.9				
		61.6	100.0	6,164.2	228.3
750+00	61.3				
		30.7	100.0	3,066.8	113.6
751+00	0.0				
		0.0	100.0	0.0	0.0
752+00	0.0				
		0.0	100.0	0.0	0.0
753+00	0.0				
		0.0	100.0	0.0	0.0
754+00	0.0				
		0.0	100.0	0.0	0.0
755+00	0.0				
		0.0	5.9	0.0	0.0
755+05.90	0.0				
		0.0	94.1	0.0	0.0
756+00	0.0				
		0.0	100.0	0.0	0.0
757+00	0.0				
		0.0	100.0	0.0	0.0
758+00	0.0				
		0.0	100.0	0.0	0.0

WEBER ROAD

PRE-STAGE TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	0.0				
		0.0	100.0	0.0	0.0
760+00	0.0				
		0.0	59.0	0.0	0.0
760+59	0.0				
		0.0	41.0	0.0	0.0
761+00	0.0				
		0.0	100.0	0.0	0.0
762+00	0.0				
		0.0	100.0	0.0	0.0
763+00	0.0				
		0.0	100.0	0.0	0.0
764+00	0.0				
		0.0	100.0	0.0	0.0
765+00	0.0				
		0.0	100.0	0.0	0.0
766+00	0.0				
		0.0	100.0	0.0	0.0
767+00	0.0				
		0.0	100.0	0.0	0.0
768+00	0.0				
		0.0	100.0	0.0	0.0
769+00	0.0				
		0.0	100.0	0.0	0.0
770+00	0.0				
		0.0	100.0	0.0	0.0
771+00	0.0				
		0.0	100.0	0.0	0.0
772+00	0.0				
		0.0	100.0	0.0	0.0
773+00	0.0				
		0.0	100.0	0.0	0.0
774+00	0.0				
		0.0	100.0	0.0	0.0
775+00	0.0				
		0.0	100.0	0.0	0.0
776+00	0.0				
		0.0	100.0	0.0	0.0
777+00	0.0				
		0.0	100.0	0.0	0.0
778+00	0.0				
		28.2	100.0	2,818.2	104.4
779+00	56.4				
		51.0	100.0	5,095.3	188.7
780+00	45.5				
		26.5	100.0	2,647.3	98.0
781+00	7.4				
		7.5	100.0	750.9	27.8
782+00	7.6				
		7.7	100.0	771.0	28.6
783+00	7.8				
		8.0	100.0	796.6	29.5
784+00	8.1				
		8.6	17.6	150.9	5.6
784+18	9.1				
		7.0	82.4	579.0	21.4
785+00	5.0				
		5.2	100.0	524.2	19.4
786+00	5.5				
		5.8	100.0	583.6	21.6
787+00	6.2				
		6.7	100.0	666.1	24.7
788+00	7.1				
		7.0	100.0	698.6	25.9
789+00	6.8				
		6.2	100.0	622.8	23.1
790+00	5.6				
		2.8	20.0	56.3	2.1
790+20	0.0				
				TOTAL	1,371

FILE NAME = D16@X11-sht-schedule01.dgn

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USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 2 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	30
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

WEBER ROAD

PRE-STAGE					
UNSUITABLE MATERIAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
779+00	0.0				
		0.0	100.0	0.0	0.0
780+00	0.0				
		111.7	100.0	11,172.5	413.8
781+00	223.5				
		172.7	100.0	17,272.5	639.7
782+00	122.0				
		106.0	100.0	10,602.5	392.7
783+00	90.1				
		81.7	100.0	8,167.5	302.5
784+00	73.3				
		67.0	17.6	1,177.0	43.6
784+18	60.8				
		57.3	82.4	4,723.8	175.0
785+00	53.9				
		52.0	100.0	5,200.0	192.6
786+00	50.2				
		50.2	100.0	5,022.5	186.0
787+00	50.3				
		51.2	100.0	5,120.0	189.6
788+00	52.1				
		60.9	100.0	6,092.5	225.6
789+00	69.8				
		62.2	100.0	6,215.0	230.2
790+00	54.6				
		27.3	20.0	545.5	20.2
790+20	0.0				
				TOTAL	3,012

ROMEO ROAD / 135TH STREET

PRE-STAGE					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
117+00	408.5				
		440.9	100.0	44,088.9	1,632.9
118+00	473.3				
		240.8	100.0	24,077.5	891.8
119+00	8.3				
		7.6	44.3	335.8	12.4
119+44.27	6.9				
		6.3	55.7	351.7	13.0
120+00	5.7				
		4.5	100.0	454.1	16.8
121+00	3.3				
		3.6	100.0	360.0	13.3
122+00	3.9				
		4.0	7.4	29.2	1.1
122+07.38	4.1				
		3.5	92.6	321.5	11.9
123+00	2.9				
		2.1	100.0	212.7	7.9
124+00	1.4				
				TOTAL	3,420

PRE-STAGE					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		0.0	100.0	0.0	0.0
112+00	0.0				
		0.0	37.5	0.0	0.0
112+37.53	0.0				
		2.2	62.5	135.2	5.0
113+00	4.3				
		2.8	25.2	71.5	2.6
113+25.24	1.3				
		3.5	64.4	222.4	8.2
113+89.66	5.6				
		3.5	10.3	35.9	1.3
114+00	1.4				
		1.4	7.0	9.7	0.4
114+07.02	1.4				
		0.7	93.0	64.4	2.4
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		0.7	100.0	71.0	2.6
117+00	1.4				
		6.0	100.0	595.1	22.0
118+00	10.5				
		6.8	100.0	682.5	25.3
119+00	3.2				
		3.4	44.3	150.5	5.6
119+44.27	3.6				
		4.4	55.7	243.6	9.0
120+00	5.1				
		8.2	100.0	822.6	30.5
121+00	11.3				
		11.5	100.0	1,149.3	42.6
122+00	11.6				
		11.6	7.4	85.5	3.2
122+07.38	11.5				
		8.8	92.6	810.8	30.0
123+00	6.0				
		4.2	100.0	415.8	15.4
124+00	2.3				
				TOTAL	207

ROMEO ROAD / 135TH STREET

PRE-STAGE					
TOPSOIL REMOVAL					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		0.0	100.0	0.0	0.0
112+00	0.0				
		0.0	37.5	0.0	0.0
112+37.53	0.0				
		4.6	62.5	287.5	10.6
113+00	9.2				
		4.6	25.2	116.2	4.3
113+25.24	0.0				
		8.7	64.4	563.7	20.9
113+89.66	17.5				
		8.7	10.3	90.5	3.4
114+00	0.0				
		0.0	7.0	0.0	0.0
114+07.02	0.0				
		0.0	93.0	0.0	0.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		30.3	100.0	3,033.2	112.3
117+00	60.7				
		61.2	100.0	6,118.7	226.6
118+00	61.7				
		35.6	100.0	3,562.2	131.9
119+00	9.5				
		9.6	44.3	423.7	15.7
119+44.27	9.6				
		9.1	55.7	504.9	18.7
120+00	8.5				
		10.0	100.0	995.7	36.9
121+00	11.4				
		11.4	100.0	1,144.9	42.4
122+00	11.5				
		11.5	7.4	85.0	3.1
122+07.38	11.5				
		8.6	92.6	793.0	29.4
123+00	5.6				
		4.1	100.0	413.1	15.3
124+00	2.7				
				TOTAL	672

ROMEO ROAD / 135TH STREET

PRE-STAGE					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		0.0	100.0	0.0	0.0
112+00	0.0				
		0.0	37.5	0.0	0.0
112+37.53	0.0				
		0.0	62.5	0.0	0.0
113+00	0.0				
		0.0	25.2	0.0	0.0
113+25.24	0.0				
		0.0	64.4	0.0	0.0
113+89.66	0.0				
		0.0	10.3	0.0	0.0
114+00	0.0				
		0.0	7.0	0.0	0.0
114+07.02	0.0				
		0.0	93.0	0.0	0.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		13.2	100.0	1,316.1	48.7
117+00	26.3				
		28.2	100.0	2,823.0	104.6
118+00	30.1				
		15.1	100.0	1,506.9	55.8
119+00	0.0				
		0.0	44.3	0.0	0.0
119+44.27	0.0				
		0.0	55.7	0.0	0.0
120+00	0.0				
		0.0	100.0	0.0	0.0
121+00	0.0				
		0.0	100.0	0.0	0.0
122+00	0.0				
		0.0	7.4	0.0	0.0
122+07.38	0.0				
		0.0	92.6	0.0	0.0
123+00	0.0				
		1.3	100.0	134.3	5.0
124+00	2.7				
				TOTAL	215

ROMEO ROAD / 135TH STREET

PRE-STAGE					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		0.0	100.0	0.0	0.0
112+00	0.0				
		0.0	37.5	0.0	0.0
112+37.53	0.0				
		2.7	62.5	168.3	6.2
113+00	5.4				
		5.8	25.2	146.2	5.4
113+25.24	6.2				
		9.5	64.4	613.6	22.7
113+89.66	12.9				
		12.0	10.3	124.3	4.6
114+00	11.2				
		11.3	7.0	79.0	2.9
114+07.02	11.3				
		5.7	93.0	525.8	19.5
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		204.3	100.0	20,426.3	756.5

FILE NAME = D160X11-sht-schedule01.dgn

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USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 3 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	31
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

N. CARILLON DRIVE / GRAND BOULEVARD

PRE-STAGE CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	35.6				
		23.4	100.0	2,338.8	86.6
231+00	11.2				
		5.6	100.0	559.5	20.7
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		0.0	70.3	0.0	0.0
233+00	0.0				
		0.0	100.0	0.0	0.0
234+00.	0.0				
		0.0	100.0	0.0	0.0
235+00.	0.0				
		8.3	100.0	826.3	30.6
236+00	16.5				
		12.9	100.0	1,286.3	47.6
237+00.	9.2				
		6.8	100.0	682.3	25.3
238+00	4.4				
				TOTAL	211

N. CARILLON DRIVE / GRAND BOULEVARD

PRE-STAGE FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	1.6				
		1.6	100.0	158.8	5.9
231+00	1.6				
		0.8	100.0	79.4	2.9
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		0.0	70.3	0.0	0.0
233+00	0.0				
		0.0	100.0	0.0	0.0
234+00.	0.0				
		0.0	100.0	0.0	0.0
235+00.	0.0				
		3.1	100.0	314.1	11.6
236+00	6.3				
		4.3	100.0	426.3	15.8
237+00.	2.2				
		3.0	100.0	300.2	11.1
238+00	3.8				
				TOTAL	48

N. CARILLON DRIVE / GRAND BOULEVARD

PRE-STAGE TOPSOIL REMOVAL					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	0.0				
		0.0	100.0	0.0	0.0
231+00	0.0				
		0.0	100.0	0.0	0.0
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		0.0	70.3	0.0	0.0
233+00	0.0				
		0.0	100.0	0.0	0.0
234+00.	0.0				
		0.0	100.0	0.0	0.0
235+00.	0.0				
		6.9	100.0	694.5	25.7
236+00	13.9				
		11.3	100.0	1,132.8	42.0
237+00.	8.8				
		9.7	100.0	970.3	35.9
238+00	10.6				
				TOTAL	104

N. CARILLON DRIVE / GRAND BOULEVARD

PRE-STAGE TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	0.0				
		0.0	100.0	0.0	0.0
231+00	0.0				
		0.0	100.0	0.0	0.0
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		0.0	70.3	0.0	0.0
233+00	0.0				
		0.0	100.0	0.0	0.0
234+00.	0.0				
		0.0	100.0	0.0	0.0
235+00.	0.0				
		0.0	100.0	0.0	0.0
236+00	0.0				
		0.0	100.0	0.0	0.0
237+00.	0.0				
		0.0	100.0	0.0	0.0
238+00	0.0				
				TOTAL	0

FILE NAME = D:\60X11-sht-schedule01.dgn

thomas engineering group
service at the highest grade

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 4 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	32
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

WEBER ROAD

STAGE 1					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		0.0	100.0	0.0	0.0
727+00	0.0				
		0.0	100.0	0.0	0.0
728+00	0.0				
		0.0	100.0	0.0	0.0
729+00	0.0				
		0.0	100.0	0.0	0.0
730+00	0.0				
		0.0	100.0	0.0	0.0
731+00	0.0				
		0.0	100.0	0.0	0.0
732+00	0.0				
		0.0	100.0	0.0	0.0
733+00	0.0				
		0.0	100.0	0.0	0.0
734+00	0.0				
		0.0	100.0	0.0	0.0
735+00	0.0				
		0.0	100.0	0.0	0.0
736+00	0.0				
		8.6	100.0	856.0	31.7
737+00	17.1				
		17.4	100.0	1,736.0	64.3
738+00	17.6				
		17.4	100.0	1,740.4	64.5
739+00	17.2				
		15.3	100.0	1,531.2	56.7
740+00	13.4				
		20.5	100.0	2,047.4	75.8
741+00	27.5				
		28.0	100.0	2,800.5	103.7
742+00	28.5				
		29.3	100.0	2,926.8	108.4
743+00	30.1				
		31.6	100.0	3,155.1	116.9
744+00	33.0				
		28.0	100.0	2,795.2	103.5
745+00	22.9				
		38.0	100.0	3,800.7	140.8
746+00	53.2				
		39.4	100.0	3,942.7	146.0
747+00	25.7				
		23.5	100.0	2,350.8	87.1
748+00	21.3				
		18.8	100.0	1,877.4	69.5
749+00	16.2				
		14.8	100.0	1,477.0	54.7
750+00	13.3				
		6.7	100.0	665.3	24.6
751+00	0.0				
		15.5	100.0	1,548.2	57.3
752+00	31.0				
		19.7	100.0	1,971.7	73.0
753+00	8.5				
		9.1	100.0	911.0	33.7
754+00	9.7				
		5.1	100.0	507.5	18.8
755+00	0.4				
		0.3	5.9	1.9	0.1
755+05.90	0.3				
		0.1	94.1	12.4	0.5
756+00	0.0				
		0.0	100.0	0.5	0.0
757+00	0.0				
		0.2	100.0	19.2	0.7
758+00	0.4				
		2.0	100.0	204.2	7.6

WEBER ROAD

STAGE 1					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	3.7				
		4.3	100.0	425.1	15.7
760+00	4.8				
		7.8	59.0	457.0	16.9
760+58.97	10.7				
		5.3	41.0	219.5	8.1
761+00	0.0				
		3.0	100.0	295.1	10.9
762+00	5.9				
		18.9	100.0	1,893.5	70.1
763+00	32.0				
		36.0	100.0	3,596.7	133.2
764+00	40.0				
		20.0	100.0	1,998.2	74.0
765+00	0.0				
		38.0	100.0	3,796.2	140.6
766+00	75.9				
		85.8	100.0	8,580.4	317.8
767+00	95.7				
		105.9	100.0	10,591.1	392.3
768+00	116.1				
		115.5	100.0	11,548.4	427.7
769+00	114.8				
		115.1	100.0	11,507.9	426.2
770+00	115.3				
		151.7	100.0	15,170.3	561.9
771+00	188.1				
		119.5	100.0	11,948.9	442.6
772+00	50.9				
		36.1	100.0	3,608.2	133.6
773+00	21.3				
		14.7	100.0	1,470.6	54.5
774+00	8.1				
		13.6	100.0	1,358.0	50.3
775+00	19.0				
		12.6	100.0	1,256.1	46.5
776+00	6.1				
		3.6	100.0	364.4	13.5
777+00	1.2				
		5.3	100.0	530.3	19.6
778+00	9.4				
		5.7	100.0	571.7	21.2
779+00	2.0				
		2.4	100.0	240.4	8.9
780+00	2.8				
		1.4	100.0	140.0	5.2
781+00	0.0				
		0.0	100.0	0.0	0.0
782+00	0.0				
		0.0	100.0	0.0	0.0
783+00	0.0				
		0.0	100.0	0.0	0.0
784+00	0.0				
		0.0	17.6	0.0	0.0
784+17.56	0.0				
		0.0	82.4	0.0	0.0
785+00	0.0				
		0.0	100.0	0.0	0.0
786+00	0.0				
		0.0	100.0	0.0	0.0
787+00	0.0				
		0.0	100.0	0.0	0.0
788+00	0.0				
		0.0	100.0	0.0	0.0
789+00	0.0				
		0.0	100.0	0.0	0.0
790+00	0.0				
		0.0	20.0	0.0	0.0
790+20	0.0				
				TOTAL	4,832

WEBER ROAD

STAGE 1					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		0.0	100.0	0.0	0.0
727+00	0.0				
		0.0	100.0	0.0	0.0
728+00	0.0				
		0.0	100.0	0.0	0.0
729+00	0.0				
		0.0	100.0	0.0	0.0
730+00	0.0				
		0.0	100.0	0.0	0.0
731+00	0.0				
		0.0	100.0	0.0	0.0
732+00	0.0				
		0.0	100.0	0.0	0.0
733+00	0.0				
		0.0	100.0	0.0	0.0
734+00	0.0				
		0.0	100.0	0.0	0.0
735+00	0.0				
		0.0	100.0	0.0	0.0
736+00	0.0				
		1.8	100.0	181.5	6.7
737+00	3.6				
		5.4	100.0	538.3	19.9
738+00	7.1				
		9.5	100.0	952.9	35.3
739+00	11.9				
		14.8	100.0	1,476.1	54.7
740+00	17.6				
		22.0	100.0	2,200.0	81.5
741+00	26.4				
		31.5	100.0	3,151.1	116.7
742+00	36.6				
		41.9	100.0	4,187.9	155.1
743+00	47.1				
		52.2	100.0	5,219.9	193.3
744+00	57.3				
		60.5	100.0	6,046.8	224.0
745+00	63.7				
		65.2	100.0	6,522.4	241.6
746+00	66.8				
		63.6	100.0	6,356.7	235.4
747+00	60.4				
		63.3	100.0	6,327.8	234.4
748+00	66.2				
		70.3	100.0	7,028.0	260.3
749+00	74.4				
		79.4	100.0	7,939.9	294.1
750+00	84.4				
		42.2	100.0	4,221.7	156.4
751+00	0.0				
		28.9	100.0	2,885.4	106.9
752+00	57.7				
		69.1	100.0	6,908.8	255.9
753+00	80.5				
		83.2	100.0	8,319.3	308.1
754+00	85.9				
		92.7	100.0	9,270.2	343.3
755+00	99.5				
		99.9	5.9	589.6	21.8
755+05.90	100.4				
		101.0	94.1	9,505.8	352.1
756+00	101.6				
		103.4	100.0	10,341.1	383.0
757+00	105.2				
		108.4	100.0	10,842.9	401.6
758+00	111.7				
		109.4	100.0	10,938.7	405.1

WEBER ROAD

STAGE 1					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	107.1				
		101.3	100.0	10,127.2	375.1
760+00	95.5				
		85.3	59.0	5,029.7	186.3
760+58.97	75.1				
		68.2	41.0	2,799.9	103.7
761+00	61.3				
		43.9	100.0	4,393.0	162.7
762+00	26.5				
		26.4	100.0	2,644.9	98.0
763+00	26.4				
		23.4	100.0	2,337.2	86.6
764+00	20.4				
		10.2	100.0	1,017.9	37.7
765+00	0.0				
		0.2	100.0	17.6	0.7
766+00	0.4				
		10.8	100.0	1,079.0	40.0
767+00	21.2				
		22.0	100.0	2,195.8	81.3
768+00	22.7				
		22.3	100.0	2,230.2	82.6
769+00	21.9				
		20.9	100.0	2,087.3	77.3
770+00	19.8				
		19.5	100.0	1,951.4	72.3
771+00	19.2				
		23.9	100.0	2,391.7	88.6
772+00	28.6				
		28.5	100.0	2,853.4	105.7
773+00	28.4				
		33.8	100.0	3,383.6	125.3
774+00	39.2				
		47.0	100.0	4,704.0	174.2
775+00	54.8				
		64.2	100.0	6,421.7	237.8
776+00	73.6				
		82.1	100.0	8,211.5	304.1
777+00	90.6				
		90.6	100.0	9,058.4	335.5
778+00	90.5				
		99.2	100.0	9,924.8	367.6
779+00	108.0				
		150.0	100.0	14,998.7	555.5
780+00	192.0				
		286.7	100.0	28,672.9	1,062.0
781+00	381.5				
		404.3	100.0	40,430.0	1,497.4
782+00	427.2				
		410.8	100.0	41,080.0	1,521.5
783+00	394.5				
		377.3	100.0	37,725.0	1,397.2
784+00	360.1				
		357.3	17.6	6,273.3	232.3
784+17.56	354.5				
		389.2	82.4	32,081.5	1,188.2
785+00	423.9				
		439.3	100.0	43,932.5	1,627.1
786+00	454.8				
		494.5	100.0	49,447.5	1,831.4
787+00	534.2				
		555.1	100.0	55,510.0	2,055.9
788+00	576.1				
		597.1	100.0	59,707.5	2,211.4
789+00	618.1				
		642.2	100.0	64,220.0	2,378.5
790+00	666.3				
		333.2	20.0	6,663.0	246.8
790+20	0.0				
				TOTAL	25,836

FILE NAME = D16@X11-sht-schedule01.dgn

thomas engineering group service at the highest grade®

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 5 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	33
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

WEBER ROAD

STAGE 1					
TOPSOIL REMOVAL					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		0.0	100.0	0.0	0.0
727+00	0.0				
		0.0	100.0	0.0	0.0
728+00	0.0				
		0.0	100.0	0.0	0.0
729+00	0.0				
		0.0	100.0	0.0	0.0
730+00	0.0				
		0.0	100.0	0.0	0.0
731+00	0.0				
		0.0	100.0	0.0	0.0
732+00	0.0				
		0.0	100.0	0.0	0.0
733+00	0.0				
		0.0	100.0	0.0	0.0
734+00	0.0				
		0.0	100.0	0.0	0.0
735+00	0.0				
		0.0	100.0	0.0	0.0
736+00	0.0				
		0.7	100.0	66.5	2.5
737+00	1.3				
		2.6	100.0	264.1	9.8
738+00	4.0				
		4.1	100.0	410.5	15.2
739+00	4.3				
		6.1	100.0	612.6	22.7
740+00	8.0				
		9.2	100.0	916.8	34.0
741+00	10.3				
		10.2	100.0	1,016.5	37.6
742+00	10.0				
		10.0	100.0	997.2	36.9
743+00	10.0				
		10.6	100.0	1,057.6	39.2
744+00	11.2				
		11.6	100.0	1,155.4	42.8
745+00	11.9				
		14.5	100.0	1,445.9	53.6
746+00	17.0				
		13.4	100.0	1,344.6	49.8
747+00	9.9				
		9.7	100.0	968.3	35.9
748+00	9.5				
		8.9	100.0	886.0	32.8
749+00	8.2				
		11.7	100.0	1,169.9	43.3
750+00	15.2				
		7.6	100.0	757.9	28.1
751+00	0.0				
		12.1	100.0	1,210.1	44.8
752+00	24.2				
		12.1	100.0	1,210.1	44.8
753+00	0.0				
		0.0	100.0	0.0	0.0
754+00	0.0				
		0.0	100.0	0.0	0.0
755+00	0.0				
		0.0	5.9	0.0	0.0
755+05.90	0.0				
		0.0	94.1	0.0	0.0
756+00	0.0				
		0.0	100.0	0.0	0.0
757+00	0.0				
		0.0	100.0	0.0	0.0
758+00	0.0				
		0.0	100.0	0.0	0.0

WEBER ROAD

STAGE 1					
TOPSOIL REMOVAL					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	0.0				
		0.0	100.0	0.0	0.0
760+00	0.0				
		0.0	59.0	0.0	0.0
760+58.97	0.0				
		0.0	41.0	0.0	0.0
761+00	0.0				
		0.0	100.0	0.0	0.0
762+00	0.0				
		0.0	100.0	0.0	0.0
763+00	0.0				
		0.0	100.0	0.0	0.0
764+00	0.0				
		0.0	100.0	0.0	0.0
765+00	0.0				
		7.8	100.0	778.7	28.8
766+00	15.6				
		17.1	100.0	1,711.4	63.4
767+00	18.7				
		20.7	100.0	2,065.6	76.5
768+00	22.7				
		22.6	100.0	2,262.0	83.8
769+00	22.6				
		24.3	100.0	2,429.8	90.0
770+00	26.0				
		27.9	100.0	2,792.3	103.4
771+00	29.8				
		30.0	100.0	3,003.8	111.3
772+00	30.2				
		28.7	100.0	2,872.7	106.4
773+00	27.2				
		25.9	100.0	2,593.8	96.1
774+00	24.7				
		24.6	100.0	2,455.7	91.0
775+00	24.4				
		24.0	100.0	2,396.3	88.8
776+00	23.5				
		23.0	100.0	2,298.0	85.1
777+00	22.5				
		22.3	100.0	2,234.7	82.8
778+00	22.2				
		20.6	100.0	2,062.8	76.4
779+00	19.0				
		19.9	100.0	1,986.5	73.6
780+00	20.7				
		20.2	100.0	2,019.5	74.8
781+00	19.7				
		19.5	100.0	1,946.6	72.1
782+00	19.2				
		19.7	100.0	1,971.6	73.0
783+00	20.2				
		20.5	100.0	2,046.3	75.8
784+00	20.7				
		23.7	17.6	415.9	15.4
784+17.56	26.6				
		27.0	82.4	2,228.0	82.5
785+00	27.4				
		27.5	100.0	2,752.4	101.9
786+00	27.6				
		26.9	100.0	2,693.3	99.8
787+00	26.2				
		26.7	100.0	2,670.4	98.9
788+00	27.2				
		27.2	100.0	2,721.8	100.8
789+00	27.3				
		28.4	100.0	2,843.3	105.3
790+00	29.6				
		14.8	20.0	296.1	11.0
790+20	0.0				
				TOTAL	2,743

WEBER ROAD

STAGE 1					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		0.0	100.0	0.0	0.0
727+00	0.0				
		0.0	100.0	0.0	0.0
728+00	0.0				
		0.0	100.0	0.0	0.0
729+00	0.0				
		0.0	100.0	0.0	0.0
730+00	0.0				
		0.0	100.0	0.0	0.0
731+00	0.0				
		0.0	100.0	0.0	0.0
732+00	0.0				
		0.0	100.0	0.0	0.0
733+00	0.0				
		0.0	100.0	0.0	0.0
734+00	0.0				
		0.0	100.0	0.0	0.0
735+00	0.0				
		0.0	100.0	0.0	0.0
736+00	0.0				
		0.7	100.0	66.5	2.5
737+00	1.3				
		2.6	100.0	264.1	9.8
738+00	4.0				
		4.1	100.0	410.5	15.2
739+00	4.3				
		6.1	100.0	612.6	22.7
740+00	8.0				
		9.2	100.0	916.8	34.0
741+00	10.3				
		10.2	100.0	1,016.5	37.6
742+00	10.0				
		10.0	100.0	997.2	36.9
743+00	10.0				
		10.6	100.0	1,057.6	39.2
744+00	11.2				
		11.6	100.0	1,155.4	42.8
745+00	11.9				
		14.5	100.0	1,445.9	53.6
746+00	17.0				
		13.4	100.0	1,344.6	49.8
747+00	9.9				
		9.7	100.0	968.3	35.9
748+00	9.5				
		8.9	100.0	886.0	32.8
749+00	8.2				
		11.7	100.0	1,169.9	43.3
750+00	15.2				
		7.6	100.0	757.9	28.1
751+00	0.0				
		12.1	100.0	1,210.1	44.8
752+00	24.2				
		12.1	100.0	1,210.1	44.8
753+00	0.0				
		0.0	100.0	0.0	0.0
754+00	0.0				
		0.0	100.0	0.0	0.0
755+00	0.0				
		0.0	5.9	0.0	0.0
755+05.90	0.0				
		0.0	94.1	0.0	0.0
756+00	0.0				
		0.0	100.0	0.0	0.0
757+00	0.0				
		0.0	100.0	0.0	0.0
758+00	0.0				
		0.0	100.0	0.0	0.0

WEBER ROAD

STAGE 1					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	0.0				
		0.0	100.0	0.0	0.0
760+00	0.0				
		0.0	59.0	0.0	0.0
760+58.97	0.0				
		0.0	41.0	0.0	0.0
761+00	0.0				
		0.0	100.0	0.0	0.0
762+00	0.0				
		0.0	100.0	0.0	0.0
763+00	0.0				
		0.0	100.0	0.0	0.0
764+00	0.0				
		0.0	100.0	0.0	0.0
765+00	0.0				
		7.8	100.0	778.7	28.8
766+00	15.6				
		17.1	100.0	1,711.4	63.4
767+00	18.7				
		20.7	100.0	2,065.6	76.5
768+00	22.7				
		22.6	100.0	2,262.0	83.8
769+00	22.6				
		24.3	100.0	2,429.8	90.0
770+00	26.0				
		27.9	100.0	2,792.3	103.4
771+00	29.8				
		30.0	100.0	3,003.8	111.3
772+00	30.2				
		28.7	100.0	2,872.7	106.4
773+00	27.2				
		25.9	100.0	2,593.8	96.1
774+00	24.7				
		24.6	100.0	2,455.7	91.0
775+00	24.4				
		24.0	100.0	2,396.3	88.8
776+00	23.5				
		23.0	100.0	2,298.0	85.1
777+00	22.5				
		22.3	100.0	2,234.7	82.8
778+00	22.2				
		20.6	100.0	2,062.8	76.4
779+00	19.0				
		19.9	100.0	1,986.5	73.6
780+00	20.7				
		20.2	100.0	2,019.5	74.8
781+00	19.7				
		19.5	100.0	1,946.6	72.1
782+00	19.2				
		19.7	100.0	1,971.6	73.0
783+00	20.2				
		20.5	100.0	2,046.3	75.8
784+00	20.7				
		23.7	17.6	415.9	15.4
784+17.56	26.6				
		27.0	82.4	2,228.0	82.5
785+00	27.4				
		27.5	100.0	2,752.4	101.9
786+00	27.6				
		26.9	100.0	2,693.3	99.8
787+00	26.2				
		26.7	100.0	2,670.4	98.9
788+00	27.2				
		27.2	100.0	2,721.8	100.8
789+00	27.3				
		28.4	100.0	2,843.3	105.3
790+00	29.6				
		14.8	20.0	296.1	11.0
790+20	0.0				
				TOTAL	2,743

FILE NAME = D160X11-sht-schedule01.dgn

thomas engineering group
service at the highest grade

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 6 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	34
		CONTRACT NO. 61D47		
		ILLINOIS	FED. AID PROJECT	

WEBER ROAD

STAGE 1					
UNSUITABLE MATERIAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
779+00	0.0				
		32.2	100.0	3,223.3	119.4
780+00	64.5				
		160.4	100.0	16,038.3	594.0
781+00	256.3				
		271.2	100.0	27,122.5	1,004.5
782+00	286.2				
		262.0	100.0	26,202.5	970.5
783+00	237.9				
		221.0	100.0	22,100.0	818.5
784+00	204.1				
		208.3	17.6	3,658.2	135.5
784+17.56	212.6				
		232.9	82.4	19,198.2	711.0
785+00	253.2				
		247.6	100.0	24,760.0	917.0
786+00	242.0				
		245.7	100.0	24,572.5	910.1
787+00	249.5				
		263.4	100.0	26,337.5	975.5
788+00	277.3				
		305.2	100.0	30,522.5	1,130.5
789+00	333.2				
		339.8	100.0	33,980.0	1,258.5
790+00	346.5				
		173.2	20.0	3,464.5	128.3
790+20	0.0				
				TOTAL	9,674

WEBER ROAD

STAGE 1					
AGGREGATE SUBGRADE IMPROVEMENT					
STATION	ASI (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
779+00	0.0				
		46.6	100.0	4,657.5	172.5
780+00	93.2				
		46.6	100.0	4,657.5	172.5
781+00	0.0				
		0.0	100.0	0.0	0.0
782+00	0.0				
		0.0	100.0	0.0	0.0
783+00	0.0				
		0.0	100.0	0.0	0.0
784+00	0.0				
		0.0	17.6	0.0	0.0
784+17.56	0.0				
		0.0	82.4	0.0	0.0
785+00	0.0				
		0.0	100.0	0.0	0.0
786+00	0.0				
		0.0	100.0	0.0	0.0
787+00	0.0				
		0.0	100.0	0.0	0.0
788+00	0.0				
		0.0	100.0	0.0	0.0
789+00	0.0				
		0.0	100.0	0.0	0.0
790+00	0.0				
		0.0	20.0	0.0	0.0
790+20	0.0				
				TOTAL	345

ROMEO ROAD / 135TH STREET

STAGE 1					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		10.1	100.0	1,007.5	37.3
112+00	20.2				
		22.3	37.5	835.7	31.0
112+37.53	24.4				
		42.0	62.5	2,624.1	97.2
113+00	59.6				
		67.2	25.2	1,696.0	62.8
113+25.24	74.8				
		93.3	64.4	6,009.3	222.6
113+89.66	111.8				
		107.3	10.3	1,109.7	41.1
114+00	102.8				
		99.6	7.0	699.4	25.9
114+07.02	96.4				
		48.2	93.0	4,482.3	166.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		21.5	100.0	2,148.0	79.6
117+00	43.0				
		31.4	100.0	3,139.5	116.3
118+00	19.8				
		16.4	100.0	1,638.6	60.7
119+00	12.9				
		11.5	44.3	510.4	18.9
119+44.27	10.1				
		10.4	55.7	578.0	21.4
120+00	10.6				
		6.3	100.0	629.2	23.3
121+00	2.0				
		3.7	100.0	373.6	13.8
122+00	5.5				
		6.5	7.4	47.8	1.8
122+07.38	7.4				
		14.4	92.6	1,333.0	49.4
123+00	21.4				
		10.7	100.0	1,067.7	39.5
124+00	0.0				
				TOTAL	1,069

ROMEO ROAD / 135TH STREET

STAGE 1					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		0.2	100.0	17.7	0.7
112+00	0.4				
		0.4	37.5	16.0	0.6
112+37.53	0.5				
		0.4	62.5	28.0	1.0
113+00	0.4				
		0.4	25.2	10.4	0.4
113+25.24	0.4				
		0.2	64.4	13.8	0.5
113+89.66	0.0				
		0.0	10.3	0.0	0.0
114+00	0.0				
		0.0	7.0	0.0	0.0
114+07.02	0.0				
		0.0	93.0	0.0	0.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		0.0	100.0	1.6	0.1
117+00	0.0				
		2.3	100.0	225.6	8.4
118+00	4.5				
		10.4	100.0	1,042.0	38.6
119+00	16.4				
		15.9	44.3	705.0	26.1
119+44.27	15.5				
		15.9	55.7	885.8	32.8
120+00	16.3				
		13.5	100.0	1,347.2	49.9
121+00	10.6				
		8.6	100.0	859.0	31.8
122+00	6.5				
		4.7	7.4	34.9	1.3
122+07.38	2.9				
		1.7	92.6	157.1	5.8
123+00	0.5				
		0.2	100.0	23.3	0.9
124+00	0.0				
				TOTAL	198

FILE NAME = D:\60X11-sht-schedule01.dgn

thomas engineering group
service at the highest grade

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 7 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	35
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

ROMEO ROAD / 135TH STREET

STAGE 1					
TOPSOIL REMOVAL					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		1.2	100.0	122.1	4.5
112+00	2.4				
		6.5	37.5	242.2	9.0
112+37.53	10.5				
		12.7	62.5	794.0	29.4
113+00	15.0				
		14.7	25.2	371.0	13.7
113+25.24	14.4				
		7.2	64.4	465.3	17.2
113+89.66	0.0				
		0.0	10.3	0.0	0.0
114+00	0.0				
		0.0	7.0	0.0	0.0
114+07.02	0.0				
		0.0	93.0	0.0	0.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		5.8	100.0	575.4	21.3
117+00	11.5				
		10.6	100.0	1,055.9	39.1
118+00	9.6				
		11.2	100.0	1,119.4	41.5
119+00	12.8				
		6.4	44.3	282.8	10.5
119+44.27	0.0				
		5.5	55.7	305.6	11.3
120+00	11.0				
		8.5	100.0	848.9	31.4
121+00	6.0				
		3.0	100.0	300.6	11.1
122+00	0.0				
		0.0	7.4	0.0	0.0
122+07.38	0.0				
		0.3	92.6	31.7	1.2
123+00	0.7				
		0.3	100.0	34.3	1.3
124+00	0.0				
				TOTAL	242

ROMEO ROAD / 135TH STREET

STAGE 1					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		0.0	100.0	0.0	0.0
112+00	0.0				
		0.0	37.5	0.0	0.0
112+37.53	0.0				
		0.0	62.5	0.0	0.0
113+00	0.0				
		0.0	25.2	0.0	0.0
113+25.24	0.0				
		0.0	64.4	0.0	0.0
113+89.66	0.0				
		0.0	10.3	0.0	0.0
114+00	0.0				
		0.0	7.0	0.0	0.0
114+07.02	0.0				
		0.0	93.0	0.0	0.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		0.8	100.0	75.7	2.8
117+00	1.5				
		1.5	100.0	145.2	5.4
118+00	1.4				
		2.5	100.0	245.7	9.1
119+00	3.5				
		1.8	44.3	78.0	2.9
119+44.27	0.0				
		1.4	55.7	76.9	2.8
120+00	2.8				
		2.3	100.0	229.8	8.5
121+00	1.8				
		0.9	100.0	91.9	3.4
122+00	0.0				
		0.0	7.4	0.0	0.0
122+07.38	0.0				
		0.2	92.6	19.7	0.7
123+00	0.4				
		0.2	100.0	21.3	0.8
124+00	0.0				
				TOTAL	36

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 1					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	0.0				
		0.0	100.0	0.0	0.0
231+00	0.0				
		11.1	100.0	1,106.6	41.0
232+00	22.1				
		25.1	29.7	745.3	27.6
232+29.70	28.1				
		45.8	70.3	3,219.9	119.3
233+00	63.6				
		79.9	100.0	7,992.1	296.0
234+00.	96.3				
		48.1	100.0	4,814.5	178.3
235+00.	0.0				
		53.9	100.0	5,393.8	199.8
236+00	107.9				
		71.6	100.0	7,164.9	265.4
237+00.	35.4				
		24.7	100.0	2,465.4	91.3
238+00	13.9				
				TOTAL	1,219

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 1					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	0.0				
		0.0	100.0	0.0	0.0
231+00	0.0				
		1.6	100.0	158.5	5.9
232+00	3.2				
		2.9	29.7	84.9	3.1
232+29.70	2.6				
		1.5	70.3	105.6	3.9
233+00	0.5				
		0.2	100.0	24.8	0.9
234+00.	0.0				
		0.0	100.0	2.1	0.1
235+00.	0.0				
		0.0	100.0	1.4	0.1
236+00	0.0				
		1.1	100.0	109.2	4.0
237+00.	2.2				
		1.1	100.0	109.8	4.1
238+00	0.0				
				TOTAL	23

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 1					
TOPSOIL REMOVAL					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	0.0				
		0.0	100.0	0.0	0.0
231+00	0.0				
		0.0	100.0	0.0	0.0
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		1.6	70.3	109.7	4.1
233+00	3.1				
		5.8	100.0	580.4	21.5
234+00.	8.5				
		4.2	100.0	424.3	15.7
235+00.	0.0				
		6.9	100.0	694.0	25.7
236+00	13.9				
		11.0	100.0	1,103.4	40.9
237+00.	8.2				
		7.1	100.0	706.4	26.2
238+00	5.9				
				TOTAL	135

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 1					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	0.0				
		0.0	100.0	0.0	0.0
231+00	0.0				
		0.4	100.0	39.5	1.5
232+00	0.8				
		0.8	29.7	22.5	0.8
232+29.70	0.7				
		1.6	70.3	111.2	4.1
233+00	2.4				
		2.5	100.0	246.8	9.1
234+00.	2.5				
		1.2	100.0	124.9	4.6
235+00.	0.0				
		1.8	100.0	181.2	6.7
236+00	3.6				
		3.3	100.0	333.9	12.4
237+00.	3.1				
		2.4	100.0	241.1	8.9
238+00	1.8				
				TOTAL	49

FILE NAME = D160X11-sht-schedule01.dgn

thomas engineering group service at the highest grade

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 8 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	36
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

WEBER ROAD

STAGE 2					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		3.1	100.0	312.3	11.6
727+00	6.2				
		8.8	100.0	884.5	32.8
728+00	11.4				
		13.8	100.0	1,383.7	51.2
729+00	16.2				
		18.0	100.0	1,801.6	66.7
730+00	19.8				
		26.3	100.0	2,629.7	97.4
731+00	32.8				
		31.7	100.0	3,168.8	117.4
732+00	30.6				
		25.9	100.0	2,589.8	95.9
733+00	21.2				
		29.6	100.0	2,960.0	109.6
734+00	38.0				
		51.4	100.0	5,141.5	190.4
735+00	64.8				
		88.3	100.0	8,832.0	327.1
736+00	111.8				
		107.3	100.0	10,734.8	397.6
737+00	102.9				
		71.4	100.0	7,142.8	264.5
738+00	40.0				
		32.3	100.0	3,231.8	119.7
739+00	24.7				
		29.0	100.0	2,904.3	107.6
740+00	33.4				
		33.1	100.0	3,306.0	122.4
741+00	32.7				
		30.9	100.0	3,086.0	114.3
742+00	29.0				
		29.0	100.0	2,904.3	107.6
743+00	29.1				
		29.4	100.0	2,939.3	108.9
744+00	29.7				
		27.5	100.0	2,746.9	101.7
745+00	25.2				
		15.9	100.0	1,585.3	58.7
746+00	6.5				
		11.3	100.0	1,131.9	41.9
747+00	16.2				
		19.4	100.0	1,944.2	72.0
748+00	22.7				
		22.4	100.0	2,237.1	82.9
749+00	22.0				
		22.1	100.0	2,207.7	81.8
750+00	22.1				
		11.1	100.0	1,106.8	41.0
751+00	0.0				
		19.3	100.0	1,933.3	71.6
752+00	38.7				
		19.3	100.0	1,933.3	71.6
753+00	0.0				
		0.1	100.0	6.5	0.2
754+00	0.1				
		0.7	100.0	67.8	2.5
755+00	1.2				
		1.1	5.9	6.6	0.2
755+05.90	1.0				
		0.6	94.1	53.4	2.0
756+00	0.1				
		0.1	100.0	10.9	0.4
757+00	0.1				
		0.1	100.0	10.9	0.4
758+00	0.1				
		0.1	100.0	10.8	0.4

WEBER ROAD

STAGE 2					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	0.1				
		0.1	100.0	5.4	0.2
760+00	0.0				
		0.0	59.0	0.0	0.0
760+58.97	0.0				
		0.3	41.0	12.4	0.5
761+00	0.6				
		8.0	100.0	795.4	29.5
762+00	15.3				
		39.4	100.0	3,944.0	146.1
763+00	63.6				
		67.3	100.0	6,730.5	249.3
764+00	71.0				
		35.5	100.0	3,551.8	131.5
765+00	0.0				
		19.2	100.0	1,920.7	71.1
766+00	38.4				
		33.8	100.0	3,380.4	125.2
767+00	29.2				
		29.1	100.0	2,910.0	107.8
768+00	29.0				
		29.0	100.0	2,898.0	107.3
769+00	29.0				
		27.3	100.0	2,728.0	101.0
770+00	25.6				
		25.9	100.0	2,593.4	96.1
771+00	26.3				
		23.1	100.0	2,314.2	85.7
772+00	20.0				
		15.7	100.0	1,565.2	58.0
773+00	11.3				
		9.3	100.0	932.0	34.5
774+00	7.4				
		5.7	100.0	571.4	21.2
775+00	4.1				
		4.1	100.0	413.4	15.3
776+00	4.2				
		4.3	100.0	434.0	16.1
777+00	4.5				
		3.2	100.0	320.8	11.9
778+00	1.9				
		1.7	100.0	173.9	6.4
779+00	1.5				
		1.6	100.0	158.0	5.9
780+00	1.6				
		64.8	100.0	6,478.3	239.9
781+00	128.0				
		134.5	100.0	13,450.0	498.1
782+00	141.1				
		133.3	100.0	13,325.0	493.5
783+00	125.5				
		119.0	100.0	11,900.0	440.7
784+00	112.6				
		104.7	17.6	1,838.5	68.1
784+17.56	96.9				
		96.2	82.4	7,932.8	293.8
785+00	95.6				
		93.9	100.0	9,387.5	347.7
786+00	92.2				
		95.2	100.0	9,522.5	352.7
787+00	98.3				
		104.5	100.0	10,447.5	386.9
788+00	110.7				
		115.7	100.0	11,570.0	428.5
789+00	120.8				
		129.9	100.0	12,985.0	480.9
790+00	139.0				
		69.5	20.0	1,389.5	51.5
790+20	0.0				
				TOTAL	8,576

WEBER ROAD

STAGE 2					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		0.9	100.0	94.8	3.5
727+00	1.9				
		2.5	100.0	250.5	9.3
728+00	3.1				
		8.2	100.0	823.0	30.5
729+00	13.3				
		9.9	100.0	987.3	36.6
730+00	6.4				
		6.1	100.0	609.5	22.6
731+00	5.8				
		6.2	100.0	624.3	23.1
732+00	6.7				
		6.6	100.0	664.3	24.6
733+00	6.6				
		6.4	100.0	642.8	23.8
734+00	6.3				
		5.6	100.0	557.5	20.6
735+00	4.9				
		3.3	100.0	330.8	12.3
736+00	1.7				
		7.6	100.0	764.8	28.3
737+00	13.6				
		14.3	100.0	1,432.0	53.0
738+00	15.1				
		22.3	100.0	2,228.8	82.5
739+00	29.5				
		41.8	100.0	4,175.0	154.6
740+00	54.0				
		56.8	100.0	5,681.6	210.4
741+00	59.6				
		62.3	100.0	6,234.6	230.9
742+00	65.1				
		69.1	100.0	6,913.8	256.1
743+00	73.2				
		72.2	100.0	7,218.8	267.4
744+00	71.2				
		59.0	100.0	5,901.8	218.6
745+00	46.9				
		35.5	100.0	3,546.0	131.3
746+00	24.0				
		21.6	100.0	2,157.3	79.9
747+00	19.1				
		36.8	100.0	3,680.0	136.3
748+00	54.5				
		65.6	100.0	6,557.5	242.9
749+00	76.7				
		86.0	100.0	8,603.0	318.6
750+00	95.4				
		47.7	100.0	4,770.5	176.7
751+00	0.0				
		5.3	100.0	530.8	19.7
752+00	10.6				
		43.9	100.0	4,389.5	162.6
753+00	77.2				
		73.6	100.0	7,359.0	272.6
754+00	70.0				
		63.9	100.0	6,387.3	236.6
755+00	57.7				
		58.2	5.9	343.2	12.7
755+05.90	58.6				
		78.0	94.1	7,340.5	271.9
756+00	97.4				
		98.1	100.0	9,810.8	363.4
757+00	98.8				
		101.8	100.0	10,184.3	377.2
758+00	104.9				
		101.9	100.0	10,193.5	377.5

WEBER ROAD

STAGE 2					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	99.0				
		90.3	100.0	9,032.3	334.5
760+00	81.7				
		69.3	59.0	4,083.7	151.2
760+58.97	56.8				
		43.4	41.0	1,780.4	65.9
761+00	30.0				
		22.3	100.0	2,228.8	82.5
762+00	14.6				
		8.7	100.0	866.3	32.1
763+00	2.7				
		2.1	100.0	213.0	7.9
764+00	1.6				
		0.8	100.0	77.5	2.9
765+00	0.0				
		6.3	100.0	627.4	23.2
766+00	12.5				
		25.0	100.0	2,495.4	92.4
767+00	37.4				
		24.5	100.0	2,453.6	90.9
768+00	11.7				
		12.6	100.0	1,259.0	46.6
769+00	13.5				
		16.1	100.0	1,613.6	59.8
770+00	18.8				
		20.4	100.0	2,044.3	75.7
771+00	22.1				
		20.6	100.0	2,064.5	76.5
772+00	19.2				
		26.5	100.0	2,649.2	98.1
773+00	33.8				
		42.7	100.0	4,268.8	158.1
774+00	51.6				
		51.1	100.0	5,112.0	189.3
775+00	50.6				
		55.7	100.0	5,565.1	206.1
776+00	60.7				
		61.7	100.0	6,174.8	228.7
777+00	62.8				
		64.9	100.0	6,491.5	240.4
778+00	67.0				
		79.4	100.0	7,935.3	293.9
779+00	91.7				
		79.8	100.0	7,978.3	295.5
780+00	67.9				
		135.9	100.0	13,587.8	503.3
781+00	203.9				
		221.1	100.0	22,105.0	818.7
782+00	238.2				
		230.1	100.0	23,010.0	852.2
783+00	222.0				
		214.4	100.0	21,440.0	794.1
784+00	206.8				
		205.5	17.6	3,609.0	133.7
784+17.56	204.3				
		222.6	82.4	18,347.0	679.5
785+00	240.9				
		254.2	100.0	25,420.0	941.5
786+00	267.6				
		279.8	100.0	27,975.0	1,036.1
787+00	292.0				
		304.2	100.0	30,420.0	1,126.7
788+00	316.5				
		404.4	100.0	40,437.5	1,497.7
789+00	492.3				
		432.5	100.0	43,250.0	1,601.9
790+00	372.7				
		186.4	20.0	3,727.0	138.0
790+20	0.0				
				TOTAL	17,865

FILE NAME = D160X11-sht-schedule01.dgn

thomas engineering group service of the highest grade®

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 9 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	37
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

WEBER ROAD

STAGE 2					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		2.5	100.0	254.8	9.4
727+00	5.1				
		5.3	100.0	533.3	19.8
728+00	5.6				
		7.7	100.0	767.5	28.4
729+00	9.8				
		10.1	100.0	1,009.0	37.4
730+00	10.4				
		10.4	100.0	1,042.5	38.6
731+00	10.5				
		11.0	100.0	1,096.8	40.6
732+00	11.5				
		12.0	100.0	1,200.5	44.5
733+00	12.5				
		13.8	100.0	1,375.8	51.0
734+00	15.0				
		16.5	100.0	1,647.8	61.0
735+00	18.0				
		19.7	100.0	1,972.3	73.0
736+00	21.5				
		21.8	100.0	2,179.8	80.7
737+00	22.1				
		21.2	100.0	2,122.3	78.6
738+00	20.3				
		22.0	100.0	2,198.8	81.4
739+00	23.6				
		24.3	100.0	2,432.3	90.1
740+00	25.0				
		24.5	100.0	2,447.3	90.6
741+00	23.9				
		23.5	100.0	2,346.0	86.9
742+00	23.0				
		22.2	100.0	2,221.0	82.3
743+00	21.4				
		20.3	100.0	2,025.5	75.0
744+00	19.1				
		17.6	100.0	1,763.3	65.3
745+00	16.2				
		15.0	100.0	1,498.8	55.5
746+00	13.8				
		9.3	100.0	932.3	34.5
747+00	4.9				
		11.0	100.0	1,099.0	40.7
748+00	17.1				
		17.0	100.0	1,700.8	63.0
749+00	16.9				
		17.2	100.0	1,722.5	63.8
750+00	17.5				
		8.8	100.0	877.3	32.5
751+00	0.0				
		1.3	100.0	127.5	4.7
752+00	2.6				
		3.9	100.0	392.3	14.5
753+00	5.3				
		5.4	100.0	537.5	19.9
754+00	5.5				
		2.7	100.0	272.8	10.1
755+00	0.0				
		0.0	5.9	0.0	0.0
755+05.90	0.0				
		3.0	94.1	279.2	10.3
756+00	5.9				
		6.0	100.0	598.5	22.2
757+00	6.0				
		6.1	100.0	608.0	22.5
758+00	6.1				
		6.0	100.0	603.3	22.3

WEBER ROAD

STAGE 2					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	5.9				
		6.2	100.0	618.8	22.9
760+00	6.4				
		6.5	59.0	380.9	14.1
760+58.97	6.5				
		5.0	41.0	204.3	7.6
761+00	3.5				
		3.2	100.0	322.8	12.0
762+00	3.0				
		3.5	100.0	354.0	13.1
763+00	4.1				
		3.0	100.0	304.9	11.3
764+00	2.0				
		1.0	100.0	99.9	3.7
765+00	0.0				
		3.0	100.0	301.0	11.1
766+00	6.0				
		7.9	100.0	790.0	29.3
767+00	9.8				
		7.8	100.0	779.8	28.9
768+00	5.8				
		6.4	100.0	642.5	23.8
769+00	7.0				
		7.0	100.0	701.3	26.0
770+00	7.0				
		7.4	100.0	744.0	27.6
771+00	7.9				
		7.4	100.0	744.0	27.6
772+00	7.0				
		8.2	100.0	821.0	30.4
773+00	9.4				
		10.0	100.0	1,002.3	37.1
774+00	10.6				
		11.1	100.0	1,105.5	40.9
775+00	11.5				
		11.6	100.0	1,155.8	42.8
776+00	11.6				
		10.4	100.0	1,043.0	38.6
777+00	9.2				
		9.2	100.0	923.3	34.2
778+00	9.2				
		11.1	100.0	1,106.0	41.0
779+00	12.9				
		12.9	100.0	1,291.5	47.8
780+00	12.9				
		12.5	100.0	1,245.0	46.1
781+00	12.0				
		11.8	100.0	1,181.5	43.8
782+00	11.7				
		11.5	100.0	1,148.5	42.5
783+00	11.3				
		11.2	100.0	1,115.0	41.3
784+00	11.0				
		10.5	17.6	184.8	6.8
784+17.56	10.1				
		7.2	82.4	591.5	21.9
785+00	4.3				
		4.6	100.0	464.5	17.2
786+00	5.0				
		5.2	100.0	517.5	19.2
787+00	5.4				
		5.4	100.0	537.3	19.9
788+00	5.4				
		5.5	100.0	549.3	20.3
789+00	5.6				
		5.5	100.0	552.8	20.5
790+00	5.5				
		2.7	20.0	54.6	2.0
790+20	0.0				
				TOTAL	2,425

WEBER ROAD

STAGE 2					
UNSUITABLE MATERIAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
779+00	0.0				
		35.6	100.0	3,562.5	131.9
780+00	71.3				
		67.0	100.0	6,702.5	248.2
781+00	62.8				
		71.0	100.0	7,097.5	262.9
782+00	79.2				
		76.9	100.0	7,690.0	284.8
783+00	74.7				
		73.2	100.0	7,315.0	270.9
784+00	71.7				
		71.6	17.6	1,256.4	46.5
784+17.56	71.5				
		78.6	82.4	6,481.8	240.1
785+00	85.8				
		85.5	100.0	8,552.5	316.8
786+00	85.3				
		87.3	100.0	8,732.5	323.4
787+00	89.4				
		95.0	100.0	9,502.5	351.9
788+00	100.7				
		103.9	100.0	10,385.0	384.6
789+00	107.1				
		116.4	100.0	11,640.0	431.1
790+00	125.8				
		62.9	20.0	1,257.5	46.6
790+20	0.0				
				TOTAL	3,340

WEBER ROAD

STAGE 2					
AGGREGATE SUBGRADE IMPROVEMENT					
STATION	ASI (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
779+00	0.0				
		46.6	100.0	4,658.0	172.5
780+00	93.2				
		46.6	100.0	4,658.0	172.5
781+00	0.0				
		0.0	100.0	0.0	0.0
782+00	0.0				
		0.0	100.0	0.0	0.0
783+00	0.0				
		0.0	100.0	0.0	0.0
784+00	0.0				
		0.0	17.6	0.0	0.0
784+17.56	0.0				
		0.0	82.4	0.0	0.0
785+00	0.0				
		0.0	100.0	0.0	0.0
786+00	0.0				
		0.0	100.0	0.0	0.0
787+00	0.0				
		0.0	100.0	0.0	0.0
788+00	0.0				
		0.0	100.0	0.0	0.0
789+00	0.0				
		0.0	100.0	0.0	0.0
790+00	0.0				
		0.0	20.0	0.0	0.0
790+20	0.0				
				TOTAL	346

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 10 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	38
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

ROMEO ROAD / 135TH STREET

STAGE 2
CUT

STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		3.8	100.0	382.0	14.1
112+00	7.6				
		15.8	37.5	591.7	21.9
112+37.53	23.9				
		22.3	62.5	1,391.2	51.5
113+00	20.7				
		51.4	25.2	1,297.1	48.0
113+25.24	82.1				
		56.7	64.4	3,652.6	135.3
113+89.66	31.3				
		39.2	10.3	405.2	15.0
114+00	47.1				
		45.0	7.0	316.2	11.7
114+07.02	43.0				
		28.9	93.0	2,687.1	99.5
115+00	14.8				
		7.4	100.0	741.5	27.5
116+00	0.0				
		6.1	100.0	612.3	22.7
117+00	12.2				
		8.8	100.0	876.8	32.5
118+00	5.3				
		3.6	100.0	359.0	13.3
119+00	1.9				
		2.4	44.3	108.0	4.0
119+44.27	3.0				
		2.5	55.7	138.2	5.1
120+00	2.0				
		2.8	100.0	276.5	10.2
121+00	3.6				
		5.4	100.0	539.3	20.0
122+00	7.2				
		10.3	7.4	76.0	2.8
122+07.38	13.4				
		17.9	92.6	1,653.7	61.2
123+00	22.3				
		11.5	100.0	1,147.5	42.5
124+00	0.6				
				TOTAL	639

ROMEO ROAD / 135TH STREET

STAGE 2
FILL

STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		0.0	100.0	0.0	0.0
112+00	0.0				
		0.2	37.5	9.0	0.3
112+37.53	0.5				
		2.8	62.5	175.5	6.5
113+00	5.1				
		2.6	25.2	64.9	2.4
113+25.24	0.0				
		8.5	64.4	545.3	20.2
113+89.66	16.9				
		8.5	10.3	87.5	3.2
114+00	0.0				
		0.0	7.0	0.0	0.0
114+07.02	0.0				
		0.0	93.0	0.0	0.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		9.1	100.0	909.3	33.7
117+00	18.2				
		18.4	100.0	1,837.5	68.1
118+00	18.6				
		12.0	100.0	1,201.3	44.5
119+00	5.5				
		5.2	44.3	228.8	8.5
119+44.27	4.9				
		4.8	55.7	267.4	9.9
120+00	4.7				
		7.9	100.0	791.7	29.3
121+00	11.1				
		8.7	100.0	869.5	32.2
122+00	6.3				
		3.5	7.4	25.7	1.0
122+07.38	0.7				
		1.0	92.6	95.0	3.5
123+00	1.4				
		1.5	100.0	152.8	5.7
124+00	1.7				
				TOTAL	269

ROMEO ROAD / 135TH STREET

STAGE 2
TOPSOIL PLACEMENT

STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		0.0	100.0	0.0	0.0
112+00	0.0				
		0.0	37.5	0.0	0.0
112+37.53	0.0				
		2.8	62.5	176.5	6.5
113+00	5.7				
		2.8	25.2	71.3	2.6
113+25.24	0.0				
		6.1	64.4	396.0	14.7
113+89.66	12.3				
		6.1	10.3	63.6	2.4
114+00	0.0				
		0.0	7.0	0.0	0.0
114+07.02	0.0				
		0.0	93.0	0.0	0.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		5.1	100.0	514.0	19.0
117+00	10.3				
		9.4	100.0	937.8	34.7
118+00	8.5				
		5.5	100.0	552.8	20.5
119+00	2.6				
		2.6	44.3	114.5	4.2
119+44.27	2.6				
		2.3	55.7	129.6	4.8
120+00	2.1				
		3.2	100.0	318.0	11.8
121+00	4.3				
		4.4	100.0	442.5	16.4
122+00	4.5				
		2.3	7.4	16.8	0.6
122+07.38	0.0				
		1.4	92.6	129.2	4.8
123+00	2.8				
		2.3	100.0	228.0	8.4
124+00	1.8				
				TOTAL	152

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 11 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	39
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 2					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	0.0				
		0.0	100.0	0.0	0.0
231+00	0.0				
		19.7	100.0	1,967.3	72.9
232+00	39.3				
		41.6	29.7	1,235.1	45.7
232+29.70	43.8				
		64.3	70.3	4,520.7	167.4
233+00	84.8				
		58.9	100.0	5,887.6	218.1
234+00.	33.0				
		16.5	100.0	1,648.3	61.0
235+00.	0.0				
		41.7	100.0	4,174.0	154.6
236+00	83.5				
		56.5	100.0	5,649.3	209.2
237+00.	29.5				
		22.0	100.0	2,203.8	81.6
238+00	14.6				
				TOTAL	1,011

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 2					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	0.0				
		0.0	100.0	0.0	0.0
231+00	0.0				
		0.0	100.0	0.0	0.0
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		0.5	70.3	33.5	1.2
233+00	1.0				
		5.5	100.0	554.5	20.5
234+00.	10.1				
		5.1	100.0	506.8	18.8
235+00.	0.0				
		0.3	100.0	32.0	1.2
236+00	0.6				
		2.7	100.0	272.0	10.1
237+00.	4.8				
		4.7	100.0	469.3	17.4
238+00	4.6				
				TOTAL	70

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 2					
TOPSOIL REMOVAL					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	0.0				
		0.0	100.0	0.0	0.0
231+00	0.0				
		0.0	100.0	0.0	0.0
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		7.7	70.3	541.7	20.1
233+00	15.4				
		12.0	100.0	1,200.8	44.5
234+00.	8.6				
		4.3	100.0	430.2	15.9
235+00.	0.0				
		0.0	100.0	0.0	0.0
236+00	0.0				
		0.0	100.0	0.0	0.0
237+00.	0.0				
		0.0	100.0	0.0	0.0
238+00	0.0				
				TOTAL	81

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 2					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	0.0				
		0.0	100.0	0.0	0.0
231+00	0.0				
		0.0	100.0	0.0	0.0
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		5.4	70.3	382.8	14.2
233+00	10.9				
		9.2	100.0	919.4	34.1
234+00.	7.5				
		3.7	100.0	374.9	13.9
235+00.	0.0				
		0.9	100.0	87.5	3.2
236+00	1.8				
		3.2	100.0	317.8	11.8
237+00.	4.6				
		5.2	100.0	518.3	19.2
238+00	5.8				
				TOTAL	97

FILE NAME = D:\60X11-sht-schedule01.dgn

thomas engineering group
service at the highest grade

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 12 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	40
		CONTRACT NO. 61D47		
	ILLINOIS	FED. AID PROJECT		

WEBER ROAD

STAGE 3					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		0.0	100.0	0.0	0.0
727+00	0.0				
		0.0	100.0	0.0	0.0
728+00	0.0				
		0.0	100.0	0.0	0.0
729+00	0.0				
		0.0	100.0	0.0	0.0
730+00	0.0				
		0.0	100.0	0.0	0.0
731+00	0.0				
		0.0	100.0	0.0	0.0
732+00	0.0				
		0.0	100.0	0.0	0.0
733+00	0.0				
		0.0	100.0	0.0	0.0
734+00	0.0				
		0.0	100.0	0.0	0.0
735+00	0.0				
		0.0	100.0	0.0	0.0
736+00	0.0				
		2.4	100.0	244.3	9.0
737+00	4.9				
		6.5	100.0	646.5	23.9
738+00	8.0				
		9.5	100.0	952.5	35.3
739+00	11.0				
		12.4	100.0	1,238.5	45.9
740+00	13.8				
		9.4	100.0	937.3	34.7
741+00	5.0				
		5.0	100.0	498.0	18.4
742+00	5.0				
		5.3	100.0	531.8	19.7
743+00	5.7				
		6.0	100.0	595.0	22.0
744+00	6.2				
		6.2	100.0	624.5	23.1
745+00	6.2				
		6.2	100.0	624.8	23.1
746+00	6.3				
		6.3	100.0	633.0	23.4
747+00	6.4				
		6.4	100.0	641.0	23.7
748+00	6.4				
		6.4	100.0	640.8	23.7
749+00	6.4				
		6.4	100.0	640.8	23.7
750+00	6.4				
		3.2	100.0	320.5	11.9
751+00	0.0				
		0.0	100.0	0.0	0.0
752+00	0.0				
		16.6	100.0	1,660.5	61.5
753+00	33.2				
		33.2	100.0	3,323.8	123.1
754+00	33.3				
		33.3	100.0	3,328.0	123.3
755+00	33.3				
		33.3	5.9	196.4	7.3
755+05.90	33.3				
		32.9	94.1	3,092.6	114.5
756+00	32.4				
		23.8	100.0	2,378.3	88.1
757+00	15.1				
		10.6	100.0	1,058.5	39.2
758+00	6.0				
		4.3	100.0	432.8	16.0

WEBER ROAD

STAGE 3					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	2.6				
		2.6	100.0	261.5	9.7
760+00	2.6				
		2.6	59.0	152.6	5.7
760+58.97	2.6				
		3.4	41.0	138.1	5.1
761+00	4.2				
		5.6	100.0	558.8	20.7
762+00	7.0				
		6.7	100.0	670.8	24.8
763+00	6.4				
		6.4	100.0	636.0	23.6
764+00	6.3				
		3.2	100.0	315.5	11.7
765+00	0.0				
		0.0	100.0	0.0	0.0
766+00	0.0				
		19.5	100.0	1,950.5	72.2
767+00	39.0				
		38.8	100.0	3,881.3	143.8
768+00	38.6				
		38.8	100.0	3,880.8	143.7
769+00	39.0				
		31.4	100.0	3,143.0	116.4
770+00	23.9				
		18.9	100.0	1,887.0	69.9
771+00	13.9				
		9.8	100.0	979.8	36.3
772+00	5.7				
		5.6	100.0	564.0	20.9
773+00	5.6				
		6.8	100.0	679.0	25.1
774+00	8.0				
		8.9	100.0	886.0	32.8
775+00	9.7				
		10.9	100.0	1,093.5	40.5
776+00	12.2				
		11.0	100.0	1,100.0	40.7
777+00	9.8				
		9.4	100.0	935.5	34.6
778+00	8.9				
		8.9	100.0	886.0	32.8
779+00	8.8				
		10.8	100.0	1,076.5	39.9
780+00	12.7				
		9.4	100.0	937.5	34.7
781+00	6.1				
		6.1	100.0	606.4	22.5
782+00	6.1				
		6.1	100.0	606.4	22.5
783+00	6.1				
		6.1	100.0	606.4	22.5
784+00	6.1				
		6.1	17.6	106.5	3.9
784+17.56	6.1				
		6.1	82.4	499.2	18.5
785+00	6.0				
		6.0	100.0	604.7	22.4
786+00	6.0				
		6.1	100.0	605.5	22.4
787+00	6.1				
		6.1	100.0	606.3	22.5
788+00	6.1				
		6.1	100.0	606.3	22.5
789+00	6.1				
		6.1	100.0	608.2	22.5
790+00	6.1				
		3.1	20.0	61.0	2.3
790+20	0.0				
				TOTAL	2,125

WEBER ROAD

STAGE 3					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		0.0	100.0	0.0	0.0
727+00	0.0				
		0.0	100.0	0.0	0.0
728+00	0.0				
		0.0	100.0	0.0	0.0
729+00	0.0				
		0.0	100.0	0.0	0.0
730+00	0.0				
		0.0	100.0	0.0	0.0
731+00	0.0				
		0.0	100.0	0.0	0.0
732+00	0.0				
		0.0	100.0	0.0	0.0
733+00	0.0				
		0.0	100.0	0.0	0.0
734+00	0.0				
		0.0	100.0	0.0	0.0
735+00	0.0				
		0.0	100.0	0.0	0.0
736+00	0.0				
		0.0	100.0	0.0	0.0
737+00	0.0				
		0.0	100.0	0.0	0.0
738+00	0.0				
		0.0	100.0	0.0	0.0
739+00	0.0				
		0.0	100.0	0.0	0.0
740+00	0.0				
		12.0	100.0	1,204.0	44.6
741+00	24.1				
		27.1	100.0	2,711.3	100.4
742+00	30.1				
		29.8	100.0	2,975.8	110.2
743+00	29.4				
		28.0	100.0	2,798.3	103.6
744+00	26.6				
		26.6	100.0	2,659.5	98.5
745+00	26.6				
		26.6	100.0	2,659.3	98.5
746+00	26.6				
		21.8	100.0	2,177.0	80.6
747+00	17.0				
		14.2	100.0	1,424.8	52.8
748+00	11.5				
		11.5	100.0	1,151.8	42.7
749+00	11.5				
		11.5	100.0	1,149.0	42.6
750+00	11.5				
		5.7	100.0	574.5	21.3
751+00	0.0				
		0.0	100.0	0.0	0.0
752+00	0.0				
		1.8	100.0	181.3	6.7
753+00	3.6				
		3.7	100.0	366.0	13.6
754+00	3.7				
		3.7	100.0	368.3	13.6
755+00	3.7				
		3.7	5.9	21.7	0.8
755+05.90	3.7				
		3.6	94.1	341.8	12.7
756+00	3.6				
		8.8	100.0	875.8	32.4
757+00	13.9				
		18.5	100.0	1,848.5	68.5
758+00	23.1				
		26.7	100.0	2,666.8	98.8

WEBER ROAD

STAGE 3					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	30.3				
		30.4	100.0	3,036.5	112.5
760+00	30.4				
		30.4	59.0	1,791.1	66.3
760+58.97	30.3				
		26.1	41.0	1,069.1	39.6
761+00	21.8				
		18.2	100.0	1,824.8	67.6
762+00	14.7				
		13.1	100.0	1,308.5	48.5
763+00	11.5				
		11.4	100.0	1,143.5	42.4
764+00	11.4				
		5.7	100.0	569.0	21.1
765+00	0.0				
		0.0	100.0	0.0	0.0
766+00	0.0				
		0.0	100.0	0.0	0.0
767+00	0.0				
		0.0	100.0	0.0	0.0
768+00	0.0				
		0.0	100.0	0.0	0.0
769+00	0.0				
		2.2	100.0	219.3	8.1
770+00	4.4				
		7.3	100.0	732.5	27.1
771+00	10.3				
		14.3	100.0	1,430.8	53.0
772+00	18.4				
		18.9	100.0	1,894.5	70.2
773+00	19.5				
		17.0	100.0	1,700.4	63.0
774+00	14.5				
		13.3	100.0	1,326.6	49.1
775+00	12.1				
		8.6	100.0	862.9	32.0
776+00	5.2				
		4.4	100.0	437.3	16.2
777+00	3.6				
		5.4	100.0	543.5	20.1
778+00	7.3				
		8.1	100.0	805.7	29.8
779+00	8.8				
		8.4	100.0	837.3	31.0
780+00	8.0				
		8.2	100.0	820.0	30.4
781+00	8.5				
		8.5	100.0	845.0	31.3
782+00	8.5				
		8.5	100.0	845.0	31.3
783+00	8.5				
		8.5	100.0	845.0	31.3
784+00	8.5				
		8.5	17.6	148.4	5.5
784+17.56	8.5				
		8.5	82.4	696.6	25.8
785+00	8.5				
		8.5	100.0	845.0	31.3
786+00	8.5				
		8.5	100.0	845.0	31.3
787+00	8.5				
		8.5	100.0	845.0	31.3
788+00	8.5				
		8.5	100.0	845.0	31.3
789+00	8.5				
		8.5	100.0	845.0	31.3
790+00	8.5				
		4.2	20.0	84.5	3.1
790+20	0.0				
				TOTAL	2,156

FILE NAME = D160X11-sht-schedule01.dgn

thomas engineering group service at the highest grade®

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 13 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	41
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

WEBER ROAD

STAGE 3					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
726+00	0.0				
		0.0	100.0	0.0	0.0
727+00	0.0				
		0.0	100.0	0.0	0.0
728+00	0.0				
		0.0	100.0	0.0	0.0
729+00	0.0				
		0.0	100.0	0.0	0.0
730+00	0.0				
		0.0	100.0	0.0	0.0
731+00	0.0				
		0.0	100.0	0.0	0.0
732+00	0.0				
		0.0	100.0	0.0	0.0
733+00	0.0				
		0.0	100.0	0.0	0.0
734+00	0.0				
		0.0	100.0	0.0	0.0
735+00	0.0				
		0.0	100.0	0.0	0.0
736+00	0.0				
		0.0	100.0	0.0	0.0
737+00	0.0				
		0.0	100.0	0.0	0.0
738+00	0.0				
		0.0	100.0	0.0	0.0
739+00	0.0				
		0.0	100.0	0.0	0.0
740+00	0.0				
		3.1	100.0	313.5	11.6
741+00	6.3				
		7.0	100.0	700.5	25.9
742+00	7.7				
		8.0	100.0	797.0	29.5
743+00	8.2				
		8.2	100.0	820.0	30.4
744+00	8.2				
		8.2	100.0	820.0	30.4
745+00	8.2				
		8.2	100.0	819.8	30.4
746+00	8.2				
		7.2	100.0	721.5	26.7
747+00	6.2				
		5.2	100.0	524.8	19.4
748+00	4.3				
		4.3	100.0	425.0	15.7
749+00	4.2				
		4.2	100.0	424.0	15.7
750+00	4.2				
		2.1	100.0	212.0	7.9
751+00	0.0				
		0.0	100.0	0.0	0.0
752+00	0.0				
		0.0	100.0	0.0	0.0
753+00	0.0				
		0.0	100.0	0.0	0.0
754+00	0.0				
		0.0	100.0	0.0	0.0
755+00	0.0				
		0.0	5.9	0.0	0.0
755+05.90	0.0				
		0.0	94.1	0.0	0.0
756+00	0.0				
		2.2	100.0	223.3	8.3
757+00	4.5				
		5.8	100.0	578.3	21.4
758+00	7.1				
		7.7	100.0	765.0	28.3

WEBER ROAD

STAGE 3					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
759+00	8.2				
		8.2	100.0	820.0	30.4
760+00	8.2				
		8.2	59.0	483.6	17.9
760+58.97	8.2				
		7.8	41.0	319.7	11.8
761+00	7.4				
		6.4	100.0	639.5	23.7
762+00	5.4				
		4.8	100.0	482.3	17.9
763+00	4.2				
		4.4	100.0	440.8	16.3
764+00	4.6				
		2.3	100.0	228.8	8.5
765+00	0.0				
		0.0	100.0	0.0	0.0
766+00	0.0				
		0.0	100.0	0.0	0.0
767+00	0.0				
		0.0	100.0	0.0	0.0
768+00	0.0				
		0.0	100.0	0.0	0.0
769+00	0.0				
		1.5	100.0	148.3	5.5
770+00	3.0				
		4.0	100.0	401.0	14.9
771+00	5.1				
		5.6	100.0	562.8	20.8
772+00	6.2				
		6.7	100.0	669.6	24.8
773+00	7.2				
		6.2	100.0	616.0	22.8
774+00	5.1				
		5.2	100.0	522.9	19.4
775+00	5.3				
		4.7	100.0	471.0	17.4
776+00	4.1				
		4.1	100.0	410.0	15.2
777+00	4.1				
		5.1	100.0	505.3	18.7
778+00	6.0				
		6.3	100.0	633.9	23.5
779+00	6.7				
		6.2	100.0	621.1	23.0
780+00	5.7				
		4.3	100.0	431.4	16.0
781+00	2.9				
		2.9	100.0	288.9	10.7
782+00	2.9				
		2.9	100.0	288.8	10.7
783+00	2.9				
		2.9	100.0	288.8	10.7
784+00	2.9				
		2.9	17.6	50.7	1.9
784+17.56	2.9				
		2.9	82.4	238.2	8.8
785+00	2.9				
		2.9	100.0	288.9	10.7
786+00	2.9				
		2.9	100.0	288.9	10.7
787+00	2.9				
		2.9	100.0	288.9	10.7
788+00	2.9				
		2.9	100.0	288.9	10.7
789+00	2.9				
		3.4	100.0	335.1	12.4
790+00	3.8				
		1.9	20.0	38.1	1.4
790+20	0.0				
				TOTAL	750

ROMEO ROAD / 135TH STREET

STAGE 3					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		1.0	100.0	95.5	3.5
112+00	1.9				
		1.9	37.5	71.6	2.7
112+37.53	1.9				
		2.2	62.5	139.6	5.2
113+00	2.6				
		3.7	25.2	93.3	3.5
113+25.24	4.8				
		2.4	64.4	155.6	5.8
113+89.66	0.0				
		0.0	10.3	0.0	0.0
114+00	0.0				
		0.0	7.0	0.0	0.0
114+07.02	0.0				
		0.0	93.0	0.0	0.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		0.0	100.0	0.0	0.0
117+00	0.0				
		0.0	100.0	0.0	0.0
118+00	0.0				
		0.4	100.0	35.3	1.3
119+00	0.7				
		0.6	44.3	24.3	0.9
119+44.27	0.4				
		1.3	55.7	71.9	2.7
120+00	2.2				
		1.2	100.0	121.5	4.5
121+00	0.2				
		0.1	100.0	12.3	0.5
122+00	0.0				
		0.0	7.4	0.0	0.0
122+07.38	0.0				
		0.0	92.6	0.0	0.0
123+00	0.0				
		0.0	100.0	0.0	0.0
124+00	0.0				
				TOTAL	31

ROMEO ROAD / 135TH STREET

STAGE 3					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		1.2	100.0	124.3	4.6
112+00	2.5				
		9.0	37.5	338.5	12.5
112+37.53	15.6				
		13.6	62.5	850.7	31.5
113+00	11.7				
		5.8	25.2	147.4	5.5
113+25.24	0.0				
		0.0	64.4	0.0	0.0
113+89.66	0.0				
		0.0	10.3	0.0	0.0
114+00	0.0				
		0.0	7.0	0.0	0.0
114+07.02	0.0				
		0.0	93.0	0.0	0.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		0.0	100.0	0.0	0.0
117+00	0.0				
		0.0	100.0	0.0	0.0
118+00	0.0				
		0.0	100.0	0.5	0.0
119+00	0.0				
		0.1	44.3	2.4	0.1
119+44.27	0.1				
		0.1	55.7	2.8	0.1
120+00	0.0				
		0.4	100.0	37.3	1.4
121+00	0.7				
		0.4	100.0	37.3	1.4
122+00	0.0				
		0.0	7.4	0.0	0.0
122+07.38	0.0				
		0.0	92.6	0.0	0.0
123+00	0.0				
		0.0	100.0	0.0	0.0
124+00	0.0				
				TOTAL	58

FILE NAME = D160X11-sht-schedule01.dgn

thomas engineering group service of the highest grade

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 14 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	42
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

ROMEO ROAD / 135TH STREET

STAGE 3					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
110+00	0.0				
		0.0	100.0	0.0	0.0
111+00	0.0				
		0.6	100.0	57.0	2.1
112+00	1.1				
		3.2	37.5	121.1	4.5
112+37.53	5.3				
		4.9	62.5	306.4	11.3
113+00	4.5				
		4.1	25.2	104.3	3.9
113+25.24	3.8				
		1.9	64.4	121.4	4.5
113+89.66	0.0				
		0.0	10.3	0.0	0.0
114+00	0.0				
		0.0	7.0	0.0	0.0
114+07.02	0.0				
		0.0	93.0	0.0	0.0
115+00	0.0				
		0.0	100.0	0.0	0.0
116+00	0.0				
		0.0	100.0	0.0	0.0
117+00	0.0				
		0.0	100.0	0.0	0.0
118+00	0.0				
		0.0	100.0	0.0	0.0
119+00	0.0				
		0.0	44.3	0.0	0.0
119+44.27	0.0				
		0.0	55.7	0.0	0.0
120+00	0.0				
		0.0	100.0	0.0	0.0
121+00	0.0				
		0.0	100.0	0.0	0.0
122+00	0.0				
		0.0	7.4	0.0	0.0
122+07.38	0.0				
		0.0	92.6	0.0	0.0
123+00	0.0				
		0.0	100.0	0.0	0.0
124+00	0.0				
				TOTAL	27

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 3					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	1.3				
		1.3	100.0	130.8	4.8
231+00	1.3				
		0.7	100.0	65.3	2.4
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		5.6	70.3	396.8	14.7
233+00	11.3				
		11.1	100.0	1,112.5	41.2
234+00.	11.0				
		5.5	100.0	548.0	20.3
235+00.	0.0				
		7.1	100.0	705.8	26.1
236+00	14.1				
		9.5	100.0	950.0	35.2
237+00.	4.9				
		3.3	100.0	331.5	12.3
238+00	1.7				
				TOTAL	158

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 3					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	20.0				
		14.1	100.0	1,410.3	52.2
231+00	8.2				
		4.1	100.0	410.3	15.2
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		0.0	70.3	0.0	0.0
233+00	0.0				
		0.0	100.0	0.0	0.0
234+00.	0.0				
		0.0	100.0	0.0	0.0
235+00.	0.0				
		0.0	100.0	0.0	0.0
236+00	0.0				
		2.3	100.0	229.3	8.5
237+00.	4.6				
		7.9	100.0	788.0	29.2
238+00	11.2				
				TOTAL	106

N. CARILLON DRIVE / GRAND BOULEVARD

STAGE 3					
TOPSOIL PLACEMENT					
STATION	TOPSOIL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
230+00	5.9				
		4.2	100.0	417.5	15.5
231+00	2.5				
		1.2	100.0	124.0	4.6
232+00	0.0				
		0.0	29.7	0.0	0.0
232+29.70	0.0				
		0.6	70.3	45.0	1.7
233+00	1.3				
		1.3	100.0	127.0	4.7
234+00.	1.3				
		0.6	100.0	63.0	2.3
235+00.	0.0				
		0.0	100.0	0.0	0.0
236+00	0.0				
		1.5	100.0	145.8	5.4
237+00.	2.9				
		2.9	100.0	291.5	10.8
238+00	2.9				
				TOTAL	45

FILE NAME = D160X11-sht-schedule01.dgn

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USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 15 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	43
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

EARTHWORK SUMMARY

EARTHWORK										
ROADWAY & STAGE		EARTH EXCAVATION (CU YD)	ADJ. EARTH EXCAVATION (15%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	STAGE TOPSOIL EXCAVATION (CU YD)	STAGE TOPSOIL PLACEMENT (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	REMOVAL OF UNSUITABLE MATERIALS (CU YD)	AGG. SUBGRADE IMPROVEMENT AT UNDERCUT AREAS (CU YD)
PRE-STAGE	WEBER ROAD	23,407	19,896	10,500	9,396	8,807	1,371	7,436	3,012	0
	135TH STREET / ROMEO ROAD	3,420	2,907	207	2,700	672	215	457	0	0
	N. CARILLON DR / GRAND BLVD	211	180	48	132	104	0	104	0	0
STAGE 1	WEBER ROAD	4,832	4,108	25,836	-21,728	2,743	1,034	1,709	9,674	345
	135TH STREET / ROMEO ROAD	1,069	909	198	711	242	36	206	0	0
	N. CARILLON DR / GRAND BLVD	1,219	1,037	23	1,014	135	49	86	0	0
STAGE 2	WEBER ROAD	8,576	7,290	17,865	-10,575	0	2,425	-2,425	3,340	346
	135TH STREET / ROMEO ROAD	639	544	269	275	0	152	-152	0	0
	N. CARILLON DR / GRAND BLVD	1,011	860	70	790	81	97	-16	0	0
STAGE 3	WEBER ROAD	2,125	1,807	2,156	-349	0	750	-750	0	0
	135TH STREET / ROMEO ROAD	31	27	58	-31	0	27	-27	0	0
	N. CARILLON DR / GRAND BLVD	158	135	106	29	0	45	-45	0	0
TOTAL VOLUMES		**46,698**	**39,700**	**57,336**	**-17,636***	**12,784***	**6,201**	**6,583**	**16,026**	**691**

*SEE NOTE 2 *SEE NOTE 1

EARTHWORK QUANTITY SUMMARY		
ITEM CODE	PAY ITEMS	CU YD
20200100	EARTH EXCAVATION	46,698
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	16,026
20400800	FURNISHED EXCAVATION	25,845
21101505	TOPSOIL EXCAVATION AND PLACEMENT	12,784
30300001	AGGREGATE SUBGRADE IMPROVEMENT	691

PAY ITEM NO. 20400800 "FURNISHED EXCAVATION" QUANTITY WILL BE INCREASED BY A PORTION OF THE QUANTITY FOR PAY ITEM NO. 66900200 "NON-SPECIAL WASTE DISPOSAL" WHICH IS 18,830 CY. A DEDUCTION OF 10,621 CY OF NON-SPECIAL WASTE DISPOSAL FROM THE TOTAL 18,830 CY HAS BEEN INCLUDED IN THE CALCULATIONS. THIS 10,621 CY DEDUCTION IS THE AMOUNT OF EARTH EXCAVATION FROM THE PSI THROUGH THE LILY CACHE SLOUGH, WHICH ASSUMES THE EXCAVATION IS NOT UNSUITABLE MATERIAL. THE BELOW CALCULATION BREAKS DOWN THE TOTAL QUANTITY FOR "FURNISHED EXCAVATION."

17,636 CY OF "FURNISHED EXCAVATION"
\+ 18,830 CY OF "NON-SPECIAL WASTE DISPOSAL"
\- 10,621 CY OF "NON-SPECIAL WASTE DISPOSAL" (QUANTIFIED AS UNSUITABLE MATERIAL)
= 25,845 CY OF "FURNISHED EXCAVATION"

NOTES

1. "TOPSOIL EXCAVATION AND PLACEMENT" WILL BE MEASURED FOR PAYMENT BASED ON THE TOTAL VOLUME OF TOPSOIL EXCAVATED. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND PROPER DISPOSAL OF THE WASTE TOPSOIL FROM THE PROJECT SITE. THIS WORK AND ALL ASSOCIATED COSTS, IN ACCORDANCE WITH STANDARD SPECIFICATIONS, ARE INCLUDED IN THE PAY ITEM "TOPSOIL EXCAVATION AND PLACEMENT."

2. THE QUANTITY OF PAY ITEM 66900200: "NON-SPECIAL WASTE DISPOSAL" WILL REDUCE THE AMOUNT OF AVAILABLE EMBANKMENT MATERIALS. THE QUANTITY OF FURNISHED EXCAVATION HAS BEEN ADJUSTED TO REFLECT THIS.

FILE NAME = D:\8X11-sht-schedule01.dgn

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USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - 6/19/2015	
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 16 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	44
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

DRAINAGE STRUCTURE AND STORM SEWER REMOVAL SCHEDULE

DRAINAGE STRUCTURE TO BE REMOVED (Z0018700)

STATION	OFFSET	STRUCTURE	EACH
WEBER ROAD			
737+02.17	46.5 RT	Flared End Section	1
737+02.22	26.4 RT	Inlet	1
737+04.57	27.5 LT	Inlet	1
739+79.74	27.61 LT	Inlet	1
739+79.86	26.53 RT	Inlet	1
739+79.83	39.65 RT	Flared End Section	1
742+63.52	28.87 LT	Inlet	1
742+63.44	25.01 RT	Inlet	1
742+63.18	42.42 RT	Flared End Section	1
745+43.02	31.78 LT	Inlet	1
745+44.07	24.07 RT	Inlet	1
745+43.08	37.36 RT	Flared End Section	1
748+02.80	37.71 LT	Inlet	1
748+03.75	46.26 RT	Flared End Section	1
748+04.50	34.35 RT	Inlet	1
748+04.43	49.83 LT	Manhole	1
750+49.86	52.85 LT	Manhole	1
750+49.58	40.48 LT	Inlet	1
750+50.68	37.62 RT	Inlet	1
750+49.68	52.71 RT	Flared End Section	1
750+76.84	85.82 RT	Flared End Section	1
750+89.20	94.0 LT	Catch Basin	1
750+89.69	52.9 LT	Manhole	1
751+84.39	65.9 LT	Catch Basin	1
751+97.56	53.0 LT	Manhole	1
752+17.69	28.00 RT	Inlet	1
752+26.95	34.1RT	Manhole	1
752+31.35	77.33 LT	Catch Basin	1
754+47.36	81.8 LT	Catch Basin	1
754+59.90	41.39 RT	Inlet	1
754+78.22	34.58 RT	Manhole	1
754+75.24	40.59 LT	Inlet	1
754+76.62	46.42 LT	Catch Basin	1
756+04.46	46.84 LT	Catch Basin	1
756+97.33	36.69 RT	Catch Basin	1
757+56.14	25.41 RT	Inlet	1
757+54.90	40.56 LT	Inlet	1
757+60.36	50.90 LT	Catch Basin	1
759+99.60	46.40 LT	Manhole	1
760+15.94	61.39 LT	Manhole	1
760+26.69	40.18 LT	Catch Basin	1
760+28.32	61.16 LT	Inlet	1
760+26.00	27.07 RT	Inlet	1
762+79.89	61.32 LT	Catch Basin	1
763+00.64	39.76 LT	Inlet/Catch Basin	1
763+01.65	46.53 LT	Manhole	1
763+00.41	39.12 RT	Inlet	1
763+77.48	45.51 LT	Manhole	1
765+61.28	47.3 RT	Inlet	1
766+60.80	50.01 LT	Inlet	1
766+61.53	56.81 LT	Manhole	1
768+00.21	29.9 RT	Inlet	1
768+29.27	122.43 RT	Flared End Section	1
768+58.03	48.10 LT	Inlet	1
768+59.69	58.61 LT	Manhole	1
770+45.12	111.22 RT	Flared End Section	1
770+52.87	45.67 LT	Manhole	1
770+51.25	37 LT	Inlet	1
770+50.33	31.56 RT	Inlet	1
771+32.89	46.08 RT	Flared End Section	1
772+83.94	70.52 LT	Manhole	1
772+99.86	34.30 LT	Inlet	1
772+99.98	46.94 LT	Flared End Section	1
773+00.77	26.62 RT	Inlet	1
773+00.28	51.13 RT	Manhole	1
775+49.97	48.95 LT	Flared End Section	1
775+50.58	33.28 LT	Inlet	1
775+50.76	20.86 RT	Inlet	1
775+52.78	48.86 RT	Manhole	1

DRAINAGE STRUCTURE TO BE REMOVED (Z0018700)

STATION	OFFSET	STRUCTURE	EACH
776+83.12	34.79 RT	Flared End Section	1
777+16.61	35.27 RT	Flared End Section	1
777+47.09	47.34 RT	Catch Basin	1
777+75.18	60.61 RT	Manhole	1
778+00.01	32.04 RT	Flared End Section	1
778+00.66	18.37 RT	Inlet	1
778+00.17	35.83 LT	Inlet	1
778+00.54	51.49 LT	Flared End Section	1
778+19.63	35.07 RT	Flared End Section	1
778+88.95	35.94 RT	Flared End Section	1
779+77.13	37.78 RT	Flared End Section	1
780+21.87	38.21 RT	Flared End Section	1
780+49.63	56.67 LT	Flared End Section	1
780+49.27	36.51 LT	Inlet	1
780+50.88	17.65 RT	Inlet	1
780+50.12	33.83 RT	Flared End Section	1
783+39.69	54.04 LT	Flared End Section	1
783+39.28	32.88 LT	Inlet	1
783+40.40	21.35 RT	Inlet	1
783+39.82	40.40 RT	Flared End Section	1
785+94.82	48.25 LT	Flared End Section	1
785+95.39	29.24 LT	Inlet	1
785+96.00	25.41 RT	Inlet	1
785+95.52	43.47 RT	Flared End Section	1
786+00.98	44.81 LT	Flared End Section	1
786+00.42	39.70 RT	Flared End Section	1
786+05.28	48.33 LT	Flared End Section	1
786+05.03	29.34 LT	Inlet	1
786+05.14	25.51 RT	Inlet	1
786+05.00	43.56 RT	Flared End Section	1
789+00.66	49.07 LT	Flared End Section	1
789+08.67	29.56 LT	Inlet	1
789+00.66	25.10 RT	Inlet	1
788+99.90	46.95 RT	Flared End Section	1
ROMEO ROAD / 135TH ST			
111+99.02	25.68 LT	Manhole	1
114+41.32	56.22 RT	Catch Basin	1
114+64.50	39.47 RT	Manhole	1
114+71.78	26.2 RT	Inlet	1
114.71.41	28.29 LT	Inlet	1
115+99.12	31.57 LT	Inlet	1
115+98.85	45.91 RT	Inlet	1
116+17.75	35.39 LT	Manhole	1
116+18.32	42.9 RT	Manhole	1
116+23.71	27.36 LT	Inlet	1
116+23.55	32.30 RT	Inlet	1
117+57.85	32.74 LT	Inlet	1
117+59.04	29.58 RT	Inlet	1
118+39.15	34.60 LT	Inlet	1
118+39.11	29.00 RT	Inlet	1
120+91.85	37.93 LT	Manhole	1
121+17.67	49.2 LT	Catch Basin	1
121+27.79	31.79 LT	Inlet	1
121+25.66	31.09 RT	Inlet	1
121+39.73	31.66 LT	Inlet	1
121+40.55	31.97 RT	Inlet	1
N. CARILLON DR / GRAND BLVD			
233+32.97	40.99 LT	Inlet	1
233+32.45	41.71 RT	Inlet	1
233+33.76	50.54 RT	Manhole	1
235+44.20	32.96 LT	Manhole	1
236+90.71	40.18 LT	Manhole	1
237+07.14	40.35 LT	Manhole	1
237+07.40	29.19 LT	Inlet	1
237+07.90	31.76 RT	Inlet	1
238+36.60	40.22 LT	Manhole	1
238+38.62	29.39 LT	Inlet	1
238+38.66	32.05 RT	Inlet	1
PROJECT TOTAL			**135**

STORM SEWER REMOVAL, 12" (55100500)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
739+79.74	27.6 LT	739+79.86	26.5 RT	54
739+79.86	26.5 RT	739+79.84	40.8 RT	14
742+63.52	28.9 LT	742+63.35	24.8 RT	54
742+63.35	24.8 RT	742+63.30	40.0 RT	15
745+41.12	84.9 LT	745+43.02	31.8 LT	50
745+44.07	24.1 RT	745+43.04	38.6 RT	15
748+04.43	34.4 RT	748+03.74	45.3 RT	11
748+02.80	37.7 LT	748+04.43	49.8 LT	12
748+04.43	49.8 LT	750+49.86	52.9 LT	246
750+49.64	40.4 LT	750+49.86	52.9 LT	13
750+49.86	52.9 LT	750+89.69	52.9 LT	40
750+89.20	94.0 LT	750+89.69	52.9 LT	41
750+89.69	52.9 LT	751+97.56	53.0 LT	108
751+19.91	64.3 LT	751+84.39	65.9 LT	65
751+84.39	65.9 LT	751+97.56	53.0 LT	18
752+17.64	28.0 RT	752+26.95	34.1 RT	11
754+75.22	40.7 LT	754+76.63	46.5 LT	6
757+56.19	25.4 RT	757+57.96	40.6 LT	66
760+26.06	27.0 RT	760+26.69	40.2 LT	67
760+26.69	40.2 LT	760+15.91	61.4 LT	24
763+00.47	39.1 RT	763+00.70	39.8 LT	79
763+00.70	39.8 LT	763+01.65	46.5 LT	7
762+97.39	40.1 LT	763+00.70	39.8 LT	3
765+61.28	47.3 RT	765+53.52	36.0 RT	14
765+53.52	36.0 RT	766+61.53	56.8 LT	143
766+60.79	50.0 LT	766+61.53	56.8 LT	7
768+00.15	29.9 RT	768+29.27	122.4 RT	97
770+50.38	31.6 RT	770+45.12	111.2 RT	80
770+51.30	37.0 LT	770+52.73	45.5 LT	9
772+99.92	34.3 LT	772+99.98	44.6 LT	10
773+00.82	26.6 RT	773+00.28	51.1 RT	25
773+00.28	51.1 RT	775+52.78	48.9 RT	253
775+50.81	20.9 RT	775+52.78	48.9 RT	28
775+50.63	33.3 LT	775+50.19	46.6 LT	13
778+00.22	35.8 LT	778+00.49	49.1 LT	13
778+00.71	18.4 RT	778+00.02	29.7 RT	11
780+49.27	36.5 LT	780+49.56	54.3 LT	18
780+50.94	17.7 RT	780+50.19	31.4 RT	14
783+39.33	32.9 LT	783+39.58	51.6 LT	19
783+40.35	21.3 RT	783+39.83	38.0 RT	17
785+95.33	29.3 LT	785+94.92	45.9 LT	17
785+96.05	25.4 RT	785+95.52	41.1 RT	16
786+05.07	29.4 LT	786+05.39	46.0 LT	17
786+05.19	25.5 RT	786+05.01	41.2 RT	16
789+08.72	29.6 LT	789+09.14	45.2 LT	16
789+00.66	25.1 RT	788+99.93	44.6 RT	20
ROMEO ROAD / 135TH ST				
115+98.89	45.9 RT	116+18.32	42.9 RT	20
116+23.60	32.3 RT	116+18.32	42.9 RT	12
116+23.71	27.4 LT	116+17.75	35.4 LT	10
117+59.09	29.6 RT	117+57.90	32.7 LT	62
118+39.16	29.0 RT	118+39.21	34.6 LT	64
118+39.21	34.6 LT	117+57.90	32.7 LT	81
121+15.90	39.5 RT	120+91.85	37.9 LT	81
120+91.85	37.9 LT	121+17.67	49.2 LT	28
121+40.55	32.0 RT	121+25.66	31.1 RT	15
121+25.66	31.1 RT	121+27.84	31.7 LT	63
121+39.73	31.7 LT	121+27.84	31.7 LT	12
121+27.84	31.7 LT	121+17.67	49.2 LT	20
N. CARILLON DR / GRAND BLVD				
233+10.00	51.8 RT	233+33.76	50.5 RT	24
233+32.97	41.0 LT	233+33.76	50.5 RT	83
237+07.92	32.1 RT	237+07.46	28.9 LT	61
237+07.46	28.9 LT	237+07.10	40.3 LT	12
238+38.66	32.0 RT	238+38.54	29.7 LT	62
238+38.54	29.7 LT	238+36.60	40.2 LT	11
PROJECT TOTAL				**2,613**

STORM SEWER REMOVAL, 15" (55100700)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
751+97.56	53.0 LT	754+76.62	46.4 LT	279
754+76.62	46.4 LT	756+04.46	46.8 LT	128
756+04.46	46.8 LT	757+57.58	46.0 LT	153
775+52.78	48.9 RT	777+47.16	47.4 RT	194
777+47.16	47.4 RT	777+75.22	60.6 RT	31
ROMEO ROAD / 135TH ST				
115+99.10	31.6 LT	116+17.75	35.4 LT	19
116+17.75	35.4 LT	117+57.90	32.7 LT	140
PROJECT TOTAL				**944**

STORM SEWER REMOVAL, 24" (55101200)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
737+04.52	28.4 LT	737+02.18	27.2 RT	56
737+02.18	27.2 RT	737+02.33	44.1 RT	17
750+76.84	85.8 RT	751+06.42	82.6 RT	30
751+06.42	82.6 RT	751+84.63	80.4 RT	78
751+84.63	80.4 RT	752+26.95	34.1 RT	63
752+26.95	34.1 RT	754+78.22	34.6 RT	253
754+78.22	34.6 RT	756+67.33	36.7 RT	219
756+67.33	36.7 RT	757+54.96	40.6 LT	96
757+54.96	40.6 LT	757+57.58	46.0 LT	6
789+00.60	45.5 LT	790+20.00	41.8 LT	120
PROJECT TOTAL				**938**

STORM SEWER REMOVAL, 30" (55101400)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
737+04.35	37.3 LT	737+04.52	28.4 LT	9
757+57.58	46.0 LT	759+99.60	46.4 LT	242
759+99.60	46.4 LT	760+15.94	61.4 LT	22
760+15.94	61.4 LT	792+79.89	61.3 LT	264
792+79.89	61.3 LT	763+01.65	46.5 LT	26
763+01.65	46.5 LT	763+77.48	45.5 LT	76
763+77.48	45.5 LT	766+61.53	56.8 LT	284
766+61.53	56.8 LT	768+59.69	58.6 LT	198
PROJECT TOTAL				**1,121**

STORM SEWER REMOVAL, 36" (55101600)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
768+59.94	58.7 LT	770+52.70	45.5 LT	194
770+52.70	45.5 LT	771+36.25	46.1 LT	85
N. CARILLON DR / GRAND BLVD				
236+92.19	32.2 RT	236+90.68	40.2 LT	73
236+90.68	40.2 LT	237+07.14	40.3 LT	17
237+07.14	40.3 LT	238+36.60	40.2 LT	130
238+36.60	40.2 LT	238+50.84	38.01 LT	15
PROJECT TOTAL				**514**

STORM SEWER REMOVAL, 48" (55101900)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
777+75.18	60.6 RT	777+95.70	48.5 RT	24
PROJECT TOTAL				**24**

PIPE CULVERT REMOVAL (50105220)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
776+85.50	34.8 RT	777+14.23	35.2 RT	29
778+22.00	35.0 RT	778+86.56	36.0 RT	65
779+79.50	37.8 RT	780+19.50	38.2 RT	40
786+00.00	39.7 RT	786+00.00	44.8 LT	85
PROJECT TOTAL				**218**

FILE NAME = D160X11-sht-schedule02.dgn

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USER NAME = TEG	DESIGNED - MAS	REVISED - 3/3/2015
	DRAWN - ADF	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 17 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	45
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

TREE REMOVALS SCHEDULE

TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)		
STATION	OFFSET	UNITS DIAMETER
WEBER ROAD		
740+31.08	48.88 LT	6
741+69.18	52.61 LT	10
742+17.40	52.27 LT	11
743+20.99	42.79 LT	14
743+47.06	44.58 LT	14
743+89.53	49.69 LT	10
743+99.37	55.89 LT	10
744+05.11	52.17 LT	11
745+08.39	56.91 LT	11
745+15.18	58.68 LT	11
745+57.25	62.64 LT	7
745+58.40	61.89 LT	10
745+89.47	64.22 LT	10
745+91.82	65.38 LT	12
746+13.65	66.51 LT	6
752+22.09	68.89 LT	8
752+64.26	70.10 LT	10
753+00.58	70.08 LT	10
753+30.91	64.41 RT	10
753+38.58	70.14 LT	10
753+77.40	70.45 LT	6
754+09.05	64.27 RT	8
754+15.18	70.77 LT	6
754+63.32	71.33 LT	6
754+96.66	80.39 LT	15
755+00.75	53.76 LT	6
755+38.23	54.01 LT	-
755+76.21	53.56 LT	6
755+94.94	67.08 RT	10
756+01.52	63.78 RT	10
756+15.17	53.98 LT	-
756+69.37	63.29 RT	8
756+88.81	81.62 LT	8
756+89.85	80.69 LT	8
756+90.95	83.57 LT	8
757+09.58	83.39 LT	8
757+17.45	82.11 LT	8
757+15.03	62.58 RT	9
757+36.00	81.49 LT	8
757+56.92	65.31 RT	13
758+17.85	72.01 LT	-
758+23.80	64.84 RT	12
758+45.17	72.07 LT	-
758+58.62	59.78 RT	15
758+85.52	61.40 RT	10
759+07.95	64.47 RT	8
759+17.54	60.91 RT	7
759+35.34	69.77 LT	-
759+36.39	62.56 RT	8
759+54.50	59.36 RT	6
759+56.13	63.68 RT	6
759+58.47	57.23 RT	6
759+73.54	57.37 RT	6
759+79.61	58.85 RT	6
759+79.79	59.33 RT	-
759+83.02	61.52 RT	6
759+86.49	57.81 RT	6
759+86.57	58.23 RT	-
759+85.33	64.33 RT	-
759+89.56	61.67 RT	-
759+89.04	64.13 RT	-
759+92.92	68.46 LT	-

TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)		
STATION	OFFSET	UNITS DIAMETER
760+12.49	61.41 RT	12
760+40.42	59.80 RT	24
760+53.28	65.20 RT	6
760+63.13	59.80 RT	6
760+92.10	67.01 RT	6
761+09.02	68.22 RT	6
761+18.10	79.44 LT	8
761+27.59	69.45 RT	6
761+33.15	77.80 LT	8
761+41.34	60.57 RT	6
761+52.82	79.41 LT	10
761+53.91	67.07 RT	6
761+70.68	70.12 RT	6
761+88.19	65.05 RT	6
761+81.01	82.79 LT	6
761+89.73	79.89 LT	6
761+97.65	79.51 LT	6
762+03.87	67.42 RT	6
762+25.17	68.60 RT	10
762+64.46	74.31 RT	6
762+67.06	64.02 RT	6
762+92.6	77.86' RT	6
763+07.9	78.03' RT	6
763+11.92	68.83 RT	9
763+19.52	69.86 RT	9
763+31.17	66.24 RT	6
763+36.98	72.25 RT	6
763+48.69	69.15 RT	8
763+86.03	73.31 RT	12
764+18.31	72.51 RT	8
764+38.14	74.85 RT	6
764+49.65	80.43 RT	-
764+58.37	82.53 RT	-
764+62.51	87.66 RT	-
764+62.86	96.57 RT	12
764+68.27	98.13 RT	7
766+96.53	77.94 LT	6
767+27.92	92.08 LT	10
767+49.40	88.02 LT	6
767+70.51	90.19 LT	6
767+94.98	93.88 LT	6
768+20.00	88.91 RT	12
768+28.96	83.02 LT	6
768+46.73	86.10 LT	6
768+99.71	81.53 RT	8
769+13.47	89.89 LT	10
769+28.18	76.47 RT	12
769+43.81	78.98 LT	10
769+56.63	77.26 RT	8
769+61.94	70.77 LT	10
769+83.01	70.01 LT	-
769+91.84	79.27 LT	-
769+93.32	82.40 RT	6
769+99.60	67.90 LT	6
770+04.12	77.31 RT	-
770+11.82	79.42 RT	-
770+18.01	78.08 LT	12
770+22.29	76.28 RT	12
770+32.29	77.19 LT	12
770+34.36	81.00 RT	12
770+44.08	89.97 LT	12
770+44.10	83.53 RT	12
770+53.97	77.58 LT	12

TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)		
STATION	OFFSET	UNITS DIAMETER
770+57.77	75.89 RT	12
770+91.71	70.41 RT	15
771+10.19	89.62 LT	10
771+10.52	71.68 LT	-
771+13.64	73.62 RT	15
771+19.75	79.23 RT	6
771+33.53	73.83 LT	12
771+37.47	72.59 RT	12
771+50.21	84.32 LT	12
771+54.06	70.30 LT	8
771+66.63	74.25 LT	-
771+74.48	69.88 LT	6
771+86.06	74.92 LT	10
772+19.28	82.64 LT	-
772+34.33	75.03 RT	-
772+38.80	78.66 LT	8
772+50.27	69.39 LT	12
772+52.04	84.83 LT	8
772+70.69	69.81 LT	10
772+72.09	82.00 LT	8
772+87.23	77.10 LT	6
773+05.35	67.51 LT	-
773+26.61	76.14 LT	6
773+38.73	78.04 LT	8
773+43.60	75.33 RT	-
773+58.98	67.60 LT	6
773+70.40	78.72 LT	6
773+73.94	69.47 LT	12
774+29.35	69.16 LT	15
774+43.44	65.69 LT	12
774+46.79	77.10 RT	12
774+57.39	75.32 LT	6
774+62.42	67.49 LT	-
774+63.49	75.40 RT	12
775+02.94	70.64 LT	15
775+48.90	68.63 LT	12
775+50.35	68.87 LT	12
776+14.31	72.82 LT	8
776+67.07	77.94 LT	12
776+98.41	72.82 LT	8
777+14.09	73.07 LT	10
777+29.87	78.40 LT	8
ROMEO ROAD / 135TH ST		
112+74.13	28.64 LT	12
113+36.26	39.46 LT	8
113+54.88	30.87' LT	14
118+05.01	56.22 LT	6
118+70.32	59.24 LT	6
118+86.11	55.25 LT	6
N. CARILLON DR / GRAND BLVD		
236+04.75	1.20 RT	6
236+36.55	1.68 RT	-
236+66.95	1.09 RT	-
237+04.17	45.93 LT	8
237+29.31	1.64 RT	7
237+27.80	39.41 LT	8
237+69.54	40.26 LT	8
237+97.26	1.97 RT	6
238+19.40	1.42 RT	6
238+22.68	39.60 LT	8
PROJECT TOTAL		**1,382**

TREE REMOVAL (OVER 15 UNITS DIAMETER) (20100210)		
STATION	OFFSET	UNITS DIAMETER
WEBER ROAD		
750+99.78	86.53 LT	18
757+88.37	60.01 RT	18
PROJECT TOTAL		**36**

NOTES

1. SCHEDULED TREES LISTED WITH A UNIT DIAMETER OF "-" HAVE A UNIT DIAMETER OF LESS THAN 6 INCHES AT A POINT 4.5 FEET ABOVE THE HIGHEST GROUND LEVEL AT THE BASE OF THE TREE.
2. ACCORDING TO SECTION 201.02 OF THE STANDARD SPECIFICATIONS, TREES HAVING A DIAMETER LESS THAN 6 INCHES WILL BE CONSIDERED SAPLINGS.
3. ACCORDING TO SECTION 201.01(A) OF THE STANDARD SPECIFICATIONS, REMOVAL OF SAPLINGS WILL BE CONSIDERED CLEARING.
4. ACCORDING TO SECTION 201.10 OF THE STANDARD SPECIFICATIONS, CLEARING WILL NOT BE MEARURED FOR PAYMENT.

FILE NAME = D160V11-sht-schedule03.dgn

thomas engineering group service at the highest grade®

USER NAME = TEG	DESIGNED - MAS	REVISED - 3/3/2015	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SCHEDULE OF QUANTITIES**	
	DRAWN - ADF	REVISED - 6/19/2015			
PLOT SCALE = 2.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016			
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -		SCALE: NTS | SHEET 18 OF 22 SHEETS | STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	46
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

ROADWAY REMOVAL

PAVEMENT REMOVAL (44000100)			
STATION	STATION	EXISTING PAVEMENT QUANTITY (SQ YD)	TEMPORARY PAVEMENT QUANTITY (SQ YD)
WEBER ROAD			
736+25	746+00	5,644	-
746+00	774+00	24,068	-
774+00	790+92	9,434	-
726+46	751+25	-	11,038
736+25	750+90	-	3,067
751+75	764+90	-	5,762
752+24	764+40	-	2,985
754+87.50	755+22.50	-	57
760+43.50	760+75	-	99
765+49.50	790+20	-	9,596
766+05	790+20	-	2,354
772+20	790+20	-	1,937
ROMEO ROAD / 135TH ST			
111+87	113+40	-	114
111+90	114+50	1,190	-
116+50	123+80	4,815	-
112+50	113+96	-	157
114+17	114+83	-	100
114+17	114+58	-	52
120+00	121+81	-	121
N. CARILLON DR / GRAND BLVD			
231+40	234+00	2,177	-
236+00	238+60	1,418	-
229+97	231+40	-	237
234+33	234+70	-	80
235+73	238+48	-	172
239+35	240+25	36	183
SUBTOTAL		48,782	38,111
TOTAL		**86,893**	

CURB AND GUTTER REMOVAL (44000500)				
STATION	STATION	OFFSET	NOTE	QUANTITY (FT)
WEBER ROAD				
726+45	736+25	RT	PRE-STAGE	982
736+25	751+21	RT	-	1,526
736+25	751+12	LT	-	1,492
751+89	760+42	LT	-	884
760+35	760+88	LT	ISLAND	146
760+76	764+54	LT	-	408
751+85	754+90	RT	-	338
752+25	754+53	LT	BP GAS STATION	235
752+40	754+39	RT	DOMINICK'S	200
754+80	755+24	RT	ISLAND	129
755+22	764+77	RT	-	997
765+85	790+20	LT	-	2,442
765+61	790+20	RT	-	2464
778+19	778+46	RT	DRIVEWAY	109
780+07	780+35	RT	DRIVEWAY	100
ROMEO ROAD / 135TH ST				
111+90	114+80	RT	-	375
111+90	114+86	LT	-	399
115+90	123+80	LT	-	1067
116+37	124+40	RT	-	804
N. CARILLON DR / GRAND BLVD				
230+20	231+88	LT/RT	MEDIAN	340
232+40	234+16	LT/RT	MEDIAN	363
234+41	234+71	LT	ISLAND	109
234+34	234+70	RT	ISLAND	116
231+39	234+41	RT		353
231+40	234+32	LT		299
235+73	238+48	RT/LT	MEDIAN	558
239+36	240+24	RT/LT	MEDIAN	198
235+67	238+67	RT		310
235+55	238+73	LT		340
239+07	239+39	RT		37
239+03	239+40	LT		58
CONC C&G, TYPE B-6.24 (TEMPORARY)				360
TOTAL				**18,538**

DRIVEWAY PAVEMENT REMOVAL (44000200)		
CE STATION	OFFSET	QUANTITY (SQ YD)
WEBER ROAD		
BP Gas Station Pavement		288
Old Dominick's Pavement		101
755+03.43	43.6 RT	217
760+56.87	66.2 LT	165
778+51.42	35.0 RT	70
780+01.86	37.5 RT	63
789+45.00	31.0 LT	37
ROMEO ROAD / 135TH ST		
112+36.96	35.0 RT	67
113+22.98	34.7 RT	291
113+89.87	37.7 LT	217
114+07.09	34.5 RT	77
117+23.24	37.5 LT	73
119+44.12	47.5 LT	183
122+07.51	46.9 LT	110
N. CARILLON DR / GRAND BLVD		
232+16.82	47.6 RT	122
TOTAL		**2,081**

SIDEWALK REMOVAL (44000600)			
STATION	STATION	OFFSET	QUANTITY (SQ FT)
WEBER ROAD			
751+85.62	754+78	RT	1,427
755+29.55	764+69.11	RT	4,646
756+40.53	760+34.22	LT	2,017
760+82.93	764+61.87	LT	1,859
ROMEO ROAD / 135TH ST			
115+95.33	117+10.34	LT	562
117+25.28	119+24.41	LT	953
119+63.65	121+88.82	LT	1,091
122+26.27	122+70	LT	203
N. CARILLON DR / GRAND BLVD			
235+60.25	238+63.09	RT	1,488
239+10	239+59	RT	225
238+64	238+69	LT	101
239+07	239+52	LT	314
TEMPORARY SIDEWALK			1,305
PROJECT TOTAL			**16,191**

HMA SURFACE REMOVAL - BUTT JOINT (40600982)			
STATION	STATION	OFFSET	QUANTITY (SQ YD)
WEBER ROAD			
736+05	736+09.50	LT/RT	26
ROMEO ROAD / 135TH ST			
111+80	111+84.50	LT/RT	15
111+91.91	112+16.61	RT	17
123+95.50	124+00	LT/RT	30
N. CARILLON DR / GRAND BLVD			
231+30	231+34.50	LT	21
231+30	231+34.50	RT	18
238+65.50	238+70	LT/RT	39
PROJECT TOTAL			**166**

HMA SURFACE REMOVAL, 2" (44000157)			
STATION	STATION	OFFSET	QUANTITY (SQ YD)
WEBER ROAD			
736+05	736+09.50	LT/RT	90
ROMEO ROAD / 135TH ST			
111+84.50	111+90	LT/RT	20
111+94.66	112+19.72	RT	21
123+80	123+95.50	LT/RT	103
N. CARILLON DR / GRAND BLVD			
231+34.50	231+40	LT	22
231+34.50	231+40	RT	25
238+60	240+21	LT/RT	1,027
240+21	240+25	LT/RT	40
PROJECT TOTAL			**1,348**

MEDIAN REMOVAL (44003100)			
STATION	STATION	OFFSET (FT)	QUANTITY (SQ FT)
WEBER ROAD			
755+03	-	39.0' RT	890
760+59	-	58.8' LT	823
764+79.50	-	51.7' LT	483
765+72	-	49.4' LT	415
N. CARILLON DR / GRAND BLVD			
230+20	231+89.88	LT/RT	1,337
232+19	-	56.2' RT	179
232+40	234+18.85	LT/RT	695
235+73.39	238+47.86	LT/RT	2,147
239+36	240+25.42	LT/RT	1,336
PROJECT TOTAL			**8,305**

CONCRETE HEADWALL REMOVAL (50104400)		
STATION	OFFSET (FT)	QUANTITY (EACH)
WEBER ROAD		
777+95.70	48.5' RT	1
PROJECT TOTAL		**1**

RIPRAP REMOVAL (X0323265)			
STATION	STATION	OFFSET (FT)	QUANTITY (SQ YD)
WEBER ROAD			
771+29	781+31	LT	671
PROJECT TOTAL			**671**

FILE NAME = D160X11-sht-schedule04.dgn

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USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 12/29/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 19 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	47
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

WATER MAIN AND SANITARY SEWER SCHEDULES

DUCTILE IRON WATER MAIN 6" (56103000)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
ROMEO ROAD / 135TH ST				
117+00.00	55.6 LT	118+07.50	53.0 LT	107.6
PROJECT TOTAL				**108**

DUCTILE IRON WATER MAIN 8" (56103100)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
ROMEO ROAD / 135TH ST				
119+00.00	50.7 LT	119+04.90	59.7 LT	15.0
PROJECT TOTAL				**15**

DUCTILE IRON WATER MAIN 12" (56103300)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
ROMEO ROAD / 135TH ST				
114+20.00	29.5 RT	114+34.50	29.9 RT	14.5
114+34.50	29.9 RT	114+43.00	38.8 RT	12.3
114+43.00	38.8 RT	114+55.60	52.0 RT	18.3
114+55.60	52.0 RT	116+72.40	57.3 RT	216.8
116+72.40	57.3 RT	117+07.50	51.2 RT	35.6
117+07.50	51.2 RT	118+05.00	51.6 RT	97.5
118+05.00	51.6 RT	118+25.00	51.6 RT	20.0
118+05.00	51.6 RT	118+07.50	53.0 LT	104.7
118+07.50	53.0 LT	119+00.00	50.7 LT	92.5
119+00.00	50.7 LT	120+33.00	46.9 LT	133.7
120+33.00	46.9 LT	120+76.40	38.2 LT	44.3
120+76.40	38.2 LT	120+85.00	38.2 LT	8.6
N. CARILLON DR / GRAND BLVD				
233+51.10	44.5 RT	233+51.40	64.5 RT	20.0
233+51.30	54.5 RT	233+10.00	45.8 RT	358.8
PROJECT TOTAL				**1,178**

DUCTILE IRON WATER MAIN 16" (5610400)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
778+05.00	75.5 RT	779+20.00	78.1 RT	115.4
779+20.00	78.1 RT	779+35.00	78.1 RT	15.3
PROJECT TOTAL				**131**

WATER VALVES

STATION	OFFSET (FT)	WATER VALVES 8" (56105000) (EACH)	WATER VALVES 12" (56105200) (EACH)	WATER VALVES 16" (56105300) (EACH)
WEBER ROAD				
779+20.00	78.1 RT	-	-	1
ROMEO ROAD / 135TH ST				
114+43.00	38.8 RT	-	1	-
118+05.00	54.6 RT	-	1	-
119+00.00	50.7 LT	1	-	-
N. CARILLON DR / GRAND BLVD				
233+51.25	54.5 RT	-	1	-
PROJECT TOTAL		**1**	**3**	**1**

FIRE HYDRANTS TO BE ADJUSTED (56400300)

STATION	OFFSET (FT)	QUANTITY (EACH)
WEBER ROAD		
774+88.25	59.3 RT	1
PROJECT TOTAL		**1**

FIRE HYDRANT WITH AUXILLARY VALVE, VALVE BOX AND TEE (56400825)

STATION	OFFSET (FT)	QUANTITY (EACH)
ROMEO ROAD / 135TH ST		
114+45.20	47.2 RT	1
117+00.00	55.6 LT	1
N. CARILLON DR / GRAND BLVD		
236+65.00	52.0 RT	1
239+38.00	46.0 RT	1
PROJECT TOTAL		**4**

VALVE VAULTS TO BE ADJUSTED (60265700)

STATION	OFFSET (FT)	QUANTITY (EACH)
ROMEO ROAD / 135TH ST		
121+08.25	37.0 LT	1
N. CARILLON DR / GRAND BLVD		
239+21.00	40.3 RT	1
PROJECT TOTAL		**2**

MANHOLES TO BE ADJUSTED (60255500)

STATION	OFFSET (FT)	QUANTITY (EACH)
ROMEO ROAD / 135TH ST		
112+24.19	24.9 RT	1
112+82.23	29.5 RT	1
PROJECT TOTAL		**2**

VALVE VAULTS, TYPE 1, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID (60248900)

STATION	OFFSET (FT)	RIM ELEV	QUANTITY (EACH)
WEBER ROAD			
779+20.00	78.1 RT	621.85	1
ROMEO ROAD / 135TH ST			
114+43.00	38.8 RT	654.90	1
118+05.00	51.6 RT	656.35	1
119+00.00	50.7 LT	658.38	1
N. CARILLON DR / GRAND BLVD			
233+51.25	54.5 RT	640.50	1
PROJECT TOTAL			**5**

DUCTILE IRON WATER MAIN FITTINGS (X5610004)

STATION	OFFSET (FT)	DESCRIPTION	QUANTITY (POUND)
WEBER ROAD			
778+05.00	75.5 RT	16" - SLEEVE	174
778+20.00	79.4 RT	16" - 11.25 DEGREE BEND (HORIZONTAL)	161
778+08.00	79.3 RT	16" - 45 DEGREE BEND (VERTICAL)	290
778+10.00	79.3 RT	16" - 45 DEGREE BEND (VERTICAL)	290
778+85.00	78.2 RT	16" - 45 DEGREE BEND (VERTICAL)	290
778+87.00	78.2 RT	16" - 45 DEGREE BEND (VERTICAL)	290
779+35.00	78.1 RT	16" - SLEEVE	174
ROMEO ROAD / 135TH ST			
114+20.00	29.5 RT	12" - 45 DEGREE BEND (VERTICAL)	159
114+22.00	29.5 RT	12" - 45 DEGREE BEND (VERTICAL)	159
114+34.50	29.9 RT	12" - 45 DEGREE BEND (HORIZONTAL)	159
114+55.60	52.0 RT	12" - 45 DEGREE BEND (HORIZONTAL)	159
116+72.40	57.3 RT	12" - 11.25 DEGREE BEND (HORIZONTAL)	82
117+07.50	51.2 RT	12" - 11.25 DEGREE BEND (HORIZONTAL)	82
118+05.00	51.6 RT	12" X 12" TEE IN VAULT	144
118+25.00	51.6 RT	12" - PLUG	47
119+00.00	50.7 LT	12" X 8" TEE IN VAULT	149
119+00.00	54.2 LT	8" - 45 DEGREE BEND (HORI/VERT)	56
119+04.80	58.7 LT	8" - 45 DEGREE BEND (HORI/VERT)	56
119+04.90	59.9 LT	8" - SLEEVE	55
120+33.00	46.9 LT	12" - 11.25 DEGREE BEND (HORIZONTAL)	82
120+76.40	38.2 LT	12" - 11.25 DEGREE BEND (HORIZONTAL)	82
120+85.00	38.2 LT	12" - SLEEVE	81
N. CARILLON DR / GRAND BLVD			
233+51.10	44.5 RT	12" - SLEEVE	81
233+51.20	50.0 RT	12" - 45 DEGREE BEND (VERTICAL)	159
233+51.20	52.0 RT	12" - 45 DEGREE BEND (VERTICAL)	159
233+51.25	54.5 RT	12" X 12" TEE IN VAULT	144
233+51.40	64.5 RT	12" - SLEEVE	81
236+60.00	48.3 RT	12" - 45 DEGREE BEND (VERTICAL)	159
236+62.00	48.3 RT	12" - 45 DEGREE BEND (VERTICAL)	159
237+10.00	46.8 RT	12" X 8" - REDUCER	65
PROJECT TOTAL			**4,228**

STEEL CASINGS 24" (Z0067900)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
ROMEO ROAD / 135TH ST				
114+58.00	52.0 RT	116+58.00	57.0 RT	200.0
118+05.00	46.6 RT	118+07.50	49.6 LT	100.0
N. CARILLON DR / GRAND BLVD				
234+00.00	53.5 RT	236+20.00	48.7 RT	220.0
PROJECT TOTAL				**520**

STEEL CASINGS 30" (Z0068200)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
N. CARILLON DR / GRAND BLVD				
233+86.00	37.0 RT	237+25.80	27.9 RT	240.0
PROJECT TOTAL				**240**

MANHOLES, TYPE A, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID (X6022858)

STATION	OFFSET (FT)	RIM ELEV	QUANTITY (EACH)
WEBER ROAD			
780+10	63 RT	621.68	1
783+65	54 RT	620.30	1
783+97	90 RT	618.20	1
784+37	90 RT	618.20	1
784+65	54 RT	619.95	1
786+96	54 RT	620.80	1
790+00	54 RT	622.23	1
PROJECT TOTAL			**7**

WATER MAIN REMOVAL, 8" (X5610708)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
ROMEO ROAD / 135TH ST				
119+04.00	40.2 LT	119+04.90	59.9 LT	25.0
N. CARILLON / GRAND BLVD				
236+40.00	48.4 RT	237+10.00	46.8 RT	70.0
PROJECT TOTAL				**95**

WATER MAIN REMOVAL, 12" (X5610712)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
ROMEO ROAD / 135TH ST				
114+20.00	29.5 RT	114+68.50	30.7 RT	48.5
114+68.50	30.7 RT	115+91.70	45.1 LT	144.6
115+91.70	45.1 LT	119+04.00	40.2 LT	312.4
119+04.00	40.2 LT	120+85.00	38.2 LT	181.6
N. CARILLON / GRAND BLVD				
233+51.10	44.5 RT	233+51.40	64.5 RT	20.0
PROJECT TOTAL				**708**

WATER MAIN REMOVAL, 16" (X5610716)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
778+05.00	75.5 RT	779+35.00	78.1 RT	130.7
PROJECT TOTAL				**131**

SANITARY SEWER REMOVAL, 18" (X0323814)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
778+19.37	63.58 RT	781+94.77	63.29 RT	375.4
781+94.77	63.29 RT	785+67.89	58.68 RT	373.1
785+67.89	58.68 RT	789+42.20	52.94 RT	374.9
789+42.20	52.94 RT	790+00	53.65 RT	58.0
PROJECT TOTAL				**1,182**

SANITARY SEWER 18" (Z0057300)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FOOT)
WEBER ROAD				
778+19.40	63.6 RT	780+10	63.6 RT	190.6
780+10	63.6 RT	783+65	54 RT	355.1
783+97	90 RT	784+37	90 RT	40.0
784+65	54 RT	786+96	54 RT	231.0
786+96	54 RT	790+00	54 RT	304.6
PROJECT TOTAL				**1,122**

SANITARY SEWER, SPECIAL (Z0058000)

STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FOOT)
WEBER ROAD				
783+65	54 RT	783+97	90 RT	48.2
784+37	90 RT	784+65	54 RT	45.6
PROJECT TOTAL				**94**

FIRE HYDRANTS TO BE REMOVED (56400500)

STATION	OFFSET (FT)	QUANTITY (EACH)
WEBER ROAD		
774+88.25	59.3 RT	1
ROMEO ROAD / 135TH ST		
114+39.00	32.4 RT	1
115+96.50	44.1 LT	1
N. CARILLON DR / GRAND BLVD		
236+32.00	36.8 RT	1
239+31.25	36.7 RT	1
PROJECT TOTAL		**5**

REMOVE EXISTING VALVE AND VAULT (X0325003)

STATION	OFFSET (FT)	QUANTITY (EACH)
WEBER ROAD		
778+57.30	75.7 RT	1
ROMEO ROAD / 135TH ST		
114+48.50	29.5 RT	1
116+15.20	43.8 LT	1
119+03.90	38.7 LT	1
PROJECT TOTAL		**4**

SANITARY MANHOLES TO BE REMOVED (X6026054)

STATION	OFFSET (FT)	QUANTITY (EACH)
WEBER ROAD		
781+94.77	62.3 RT	1
785+67.89	58.7 RT	1
789+42.20	52.9 RT	1
PROJECT TOTAL		**3**

SANITARY MANHOLES TO BE ADJUSTED (X6026050)

STATION	OFFSET (FT)	QUANTITY (EACH)
WEBER ROAD		
764+51.84	63.8 LT	1
767+52.82	71 LT	1
770+18.49	70 LT	1
774+53.88	58.6 LT	1
N. CARILLON DR / GRAND BLVD		
238+60.77	33.7 LT	1
PROJECT TOTAL		**5**

SANITARY MANHOLES TO BE RECONSTRUCTED (X6026051)

STATION	OFFSET (FT)	QUANTITY (EACH)
WEBER ROAD		
772+83.94	70.5 LT	1
778+16.60	58.8 LT	1
PROJECT TOTAL		**2**

SANITARY SEWER CONNECTION (X0326713)

STATION	OFFSET (FT)	QUANTITY (EACH)
WEBER ROAD		
778+19.40	63.6 RT	1
790+00	53.7 RT	1
PROJECT TOTAL		**2**

FILE NAME = D:\60X11-sht-schedule04.dgn

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USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 12/29/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 20 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	48
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

MAINTENANCE OF TRAFFIC AND PAVEMENT PATCHING

TEMPORARY PAVEMENT MARKINGS				TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY PAVEMENT MARKING - LINE 12"	TEMPORARY PAVEMENT MARKING - LINE 24"	PAVEMENT MARKING TAPE, TYPE IV LETTERS AND SYMBOLS	PAVEMENT MARKING TAPE, TYPE IV - 4"	PAVEMENT MARKING TAPE, TYPE IV - 6"	PAVEMENT MARKING TAPE, TYPE IV - 12"	PAVEMENT MARKING TAPE, TYPE IV - 24"	PAVEMENT MARKING REMOVAL - GRINDING	PAVEMENT MARKING REMOVAL - WATER BLASTING	TEMPORARY PAVEMENT MARKING REMOVAL
STAGE	ROADWAY	FROM STATION	TO STATION	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT
				70300210	70300220	70300240	70300260	70300280	70300900	70300904	70300906	70300912	70309924	X0327979	X0327980	X7030005
STAGE 1	WEBER ROAD	726+00	751+50	125	7,155	165	40	38	33	6,733	289	215	-	4,035	2,805	2,621
		751+50	765+00	235	6,885	139	40	73	-	43	-	-	-	4,040	-	-
		765+00	790+20	97	11,260	150	-	35	-	-	-	-	-	6,245	-	-
	ROMEO RD / 135TH ST	110+00	123+00	156	4,335	242	-	125	-	1,815	-	-	48	2,660	1,465	701
	N. CARILLON DR / GRAND BLVD	228+00	241+00	149	2,470	455	25	80	-	950	-	-	23	545	885	363
SUB-STAGE 1	WEBER ROAD	726+00	751+50	-	-	-	-	-	-	453	45	15	38	-	-	265
		751+50	765+00	-	-	-	-	-	-	365	-	-	36	-	-	194
		765+00	790+20	-	-	-	-	-	-	130	-	-	36	-	-	116
	ROMEO RD / 135TH ST	110+00	123+00	-	-	-	-	-	101	5,975	395	-	33	-	-	2,357
	N. CARILLON DR / GRAND BLVD	228+00	241+00	-	-	-	-	-	129	3,100	362	-	79	-	-	1,502
PRE-STAGE 2	WEBER ROAD	726+00	751+50	-	-	-	-	-	134	12,055	459	150	35	-	-	4,602
		751+50	765+00	-	-	-	-	-	171	6,265	665	150	125	-	-	2,992
		765+00	790+20	-	-	-	-	-	74	11,720	580	30	45	-	-	4,391
	ROMEO RD / 135TH ST	110+00	123+00	-	-	-	-	-	92	6,335	204	-	181	-	-	2,668
	N. CARILLON DR / GRAND BLVD	228+00	241+00	-	-	-	-	-	156	4,115	320	35	106	-	-	1,935
STAGE 2	WEBER ROAD	726+00	751+50	-	-	-	-	-	-	305	50	-	33	-	-	193
		751+50	765+00	-	-	-	-	-	97	520	70	-	44	-	-	394
		765+00	790+20	-	-	-	-	-	-	-	-	-	45	-	-	90
	ROMEO RD / 135TH ST	110+00	123+00	-	-	-	-	-	165	5,948	465	-	101	-	-	2,583
	N. CARILLON DR / GRAND BLVD	228+00	241+00	-	-	-	-	-	193	3,640	253	35	115	-	-	1,798
STAGE 3	WEBER ROAD	726+00	751+50	-	-	-	-	-	110	8,245	1,070	150	75	-	-	3,694
		751+50	765+00	-	-	-	-	-	147	3,218	1,020	-	151	-	-	2,032
		765+00	790+20	-	-	-	-	-	74	8,135	500	-	64	-	-	3,164
	ROMEO RD / 135TH ST	110+00	123+00	-	-	-	-	-	248	3,350	843	110	220	-	-	2,213
	N. CARILLON DR / GRAND BLVD	228+00	241+00	-	-	-	-	-	211	1,395	952	-	128	-	-	1,408
			TOTAL:	762	32,105	1,151	105	351	2,135	94,810	8,542	890	1,761	17,525	5,155	42,276

TEMPORARY CONCRETE BARRIER			TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATOR, TEMPORARY	IMPACT ATTENUATOR, RELOCATE	BARRIER WALL REFLECTORS, TYPE C	PINNING TEMPORARY CONCRETE BARRIER
STAGE	FROM STATION	TO STATION	FOOT	FOOT	EACH	EACH	EACH	EACH
			70400100	70400200	70600260	70600332	78200011	X7040125
PRE-STAGE	752+52.50	754+65	213	-	2	-	9	57
	755+50	764+25	875	-	2	-	35	216
STAGE 1	749+45	750+45	100	-	2	-	4	30
	751+95	753+95	200	-	2	-	8	54
	765+70	790+20	2450	-	1	-	98	594
	236+28	237+40.50	212.5	-	2	-	9	57
PRE-STAGE 2	772+32.50	790+20	-	1787.5	-	1	72	432
TOTAL:			4,050	1,787.5	11	1	235	1,440

TEMPORARY PAVEMENT			TEMPORARY PAVEMENT	SUBBASE GRANULAR MATERIAL, TYPE B 4"
STAGE	FROM STATION	TO STATION	SQ YD	SQ YD
			Z0062456	31101200
PRE-STAGE	726+46	749+53.55	9,693	9,693
	751+75.63	764+41.65	5,762	5,762
	754+89.56	755+22	57	57
	760+43.53	760+74.41	99	99
	765+49.50	790+20	9,596	9,596
	112+50	113+95.60	157	157
	114+17.70	114+82.39	100	100
	115+70.48	124+40	1,345	1,345
	229+97.38	231+40	237	237
	234+33	234+70	80	80
	235+73.41	238+47.85	172	172
	239+36	240+25	183	183
STAGE 1	736+25	750+90	3,067	3,067
	752+24	764+40	2,985	2,985
	766+05	790+20	2,354	2,354
	772+20	790+20	1,937	1,937
	111+87.	113+40.	114	114
	120+00	121+81	121	121
SUB-STAGE 1	114+17	114+58	52	52
		TOTAL:	38,111	38,111

CLASS D PATCHES, TYPE III, 13 INCH (44201807)				
STATION	OFFSET (FT)	STATION	OFFSET (FT)	QUANTITY (FT)
WEBER ROAD				
750+70	39.76 LT	750+70	42.24 RT	92
772+15.29	67.40 LT	751+91.28	50.19 RT	156
754+00	41.80 LT	754+00	38.20 RT	89
760+06.95	51 LT	762+32.69	46.11 LT	52
ROMEO ROAD / 135TH ST				
114+23	18.15 RT	114+23	21.85 LT	45
N. CARILLON DR / GRAND BLVD				
233+75.00	35.5 RT	233+90.00	36.6 RT	25
234+19.72	53.03 RT	234+25.67	61.81 LT	128
236+15.00	24.9 RT	236+35.00	25.0 RT	25
GRAND BLVD AT FAIR MEADOW DR (ADA & MEDIAN)				
238+60	34.05 LT	238+77.11	59.22 LT	14
238+99	49.45 LT	239+39.94	11.85 LT	15
239+00	47 RT	239+39	26.95 RT	11
239+33	6 RT	240+35	6 RT	174
PROJECT TOTAL				**826**

WINTER PAVEMENT MARKINGS				PERMANENT PAVEMENT MARKING LETTERS AND SYMBOLS	PERMANENT PAVEMENT MARKING - LINE 4"	PERMANENT PAVEMENT MARKING - LINE 6"	PERMANENT PAVEMENT MARKING - LINE 12"	PERMANENT PAVEMENT MARKING - LINE 24"	PAVEMENT MARKING REMOVAL - WATER BLASTING
STAGE	ROADWAY	FROM STATION	TO STATION	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT
				78007100	78007110	78007130	78007150	78007180	X0327980
STAGE 1	WEBER ROAD	726+00	751+50	158	13,838	454	255	38	5,325
		751+50	765+00	235	6,885	139	40	73	2,300
		765+00	790+20	97	11,260	150	-	35	3,995
	ROMEO RD / 135TH ST	110+00	123+00	156	6,150	242	-	173	2,675
	N. CARILLON DR / GRAND BLVD	228+00	241+00	149	3,420	455	25	103	1,695
			TOTAL:	795	41,553	1,440	320	422	15,990

NOTE:

THE CONTRACTOR SHALL USE, DURING ALL WINTER STAGING MONTHS, PERMANENT PAVEMENT MARKINGS. FOR QUANTITY PURPOSES, STAGE 1 TRAFFIC CONFIGURATION WAS USED. REMOVAL OF PERMANENT PAVEMENT MARKINGS SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL - WATER BLASTING. PLEASE NOTE, PAVEMENT MARKING REMOVAL - WATER BLASTING SHALL ALSO BE USED WHEN EXISTING PAVEMENT MARKINGS ARE TO BE REMOVED ON EXISTING PAVEMENT TO REMAIN (SEE TEMPORARY PAVEMENT MARKINGS SCHEDULE).

FILE NAME = D160X11-sht-schedule04.dgn

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USER NAME = TEG	DESIGNED -	REVISED -	3/3/2015
	DRAWN -	REVISED -	6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -	9/27/2016
PLOT DATE = 12/29/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 21 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	49
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

PROPOSED ROADWAY ITEMS

PROPOSED SIDEWALK					
STATION	STATION	OFFSET	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT) (42400200)	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SQ FT) (42400410)	SUBBASE GRANULAR MATERIAL, TYPE B 4" (SQ YD) (31101200)
WEBER ROAD					
751+96	752+35	LT	340	-	38
752+07	754+84	RT	1,430	-	159
755+27	764+62	RT	5,659	-	629
765+70	790+20	RT	12,304	-	1,368
750+70	751+15	LT	365	-	41
750+80	Curb Ramp	Median	70	-	8
754+80	755+32	RT	-	226	25
758+01	758+06	LT	107	-	12
760+20	Curb Ramp	LT	150	-	17
760+20	760+95	LT	-	478	53
761+00	Curb Ramp	LT	150	-	17
762+72	762+77	LT	48	-	6
764+42	764+65	LT	263	-	30
765+94	766+12	LT	179	-	20
ROMEO ROAD / 135TH ST					
116+08	121+94	RT	3,029	-	337
121+94	122+20	RT	-	123	14
122+20	122+70	RT	258	-	29
116+27	119+23	LT	1,476	-	164
119+21	119+65	LT	-	224	25
119+67	121+85	LT	1,104	-	123
121+87	122+27	LT	-	206	23
122+29	122+70	LT	208	-	24
N. CARILLON DR / GRAND BLVD					
235+93	238+65	RT	1,424	-	159
235+90	238+69	LT	1,485	-	165
239+10	239+59	RT	299	-	34
239+05	239+52	LT	360	-	40
TOTAL			**30,708**	**1,257**	**3,560**

DETECTABLE WARNINGS (42400800)		
STATION	OFFSET	QUANTITY (SQ FT)
WEBER ROAD		
750+75	MEDIAN	16.0
750+75	MEDIAN	16.0
750+77	RT	18.8
750+79	LT	16.0
754+78	RT	15.3
755+33	RT	15.3
760+21	LT	27.5
760+93	LT	26.0
764+61	LT	21.4
764+61	RT	16.5
765+74	RT	18.7
766+01	LT	28.0
ROMEO ROAD / 135TH ST		
114+54	RT	22.0
114+54	LT	24.0
116+23	RT	13.7
116+23	LT	15.9
119+18	LT	17.2
119+70	LT	10.0
121+84	LT	10.0
122+31	LT	10.0
N. CARILLON DR / GRAND BLVD		
238+60	RT	15.8
238+67	LT	12.7
239+06	LT	10.9
239+14	RT	15.6
239+33	LT	10.0
239+33	RT	10.0
PROJECT TOTAL		**434**

PROPOSED DRIVEWAYS						
STATION CENTER ENTRANCE	SUBBASE GRANULAR MATERIAL, TYPE B 4" (SQ YD) (31101200)	AGGREGATE BASE COURSE, TYPE B 6" (SQ YD) (35101800)	HOT-MIX ASPHALT BASE COURSE, 8" (SQ YD) (35501316)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (TON) (40603335)	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (SQ YD) (42000501)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH (SQ YD) (42300400)
WEBER ROAD						
755+05.90	104	-	65	7.3	-	29
760+58.97	168	-	111	12.5	-	39
776+91.04	-	41	-	-	-	-
WEBER ROAD (ROMEO ROAD NW & NE QUADRANT PCC PAVEMENT REPLACEMENT)						
NW	112	-	-	-	-	99
NE	100	-	-	-	-	88
ROMEO ROAD / 135TH ST						
112+37.53	70	-	67	7.6	-	-
113+25.24	-	281	-	-	276	-
113+89.36	139	-	-	-	-	134
114+07.02	84	-	74	8.4	-	-
119+44.27	140	-	107	12	-	19
122+07.38	29	-	19	2.2	-	10
122+07.38	104	-	61	6.9	-	33
N. CARILLON DR / GRAND BLVD						
232+17.42	122	-	104	11.7	-	-
TOTAL	**1,172**	**322**	**608**	**69**	**276**	**451**

RIPRAP AND FILTER FABRIC								
STATION	STATION/ OFFSET	RIPRAP, CLASS A3 (SQ YD) (28100105)	RIPRAP, CLASS A4 (SQ YD) (28100107)	RIPRAP, CLASS A6 (SQ YD) (28100111)	FILTER FABRIC (SQ YD) (28200200)	W1 (FEET)	W2 (FEET)	LA (FEET)
WEBER ROAD								
766+00	778+80	783	-	-	783	-	-	-
780+10	75.0 LT	8	-	-	8	3	11	10
782+90	70.2 LT	16	-	-	16	4.5	15.5	14
784+81	68.3 LT	8	-	-	8	3	11	10
786+50	66.3 LT	8	-	-	8	3	11	10
788+00	69.4 LT	8	-	-	8	3	11	10
789+50	70.4 LT	8	-	-	8	3	11	10
786+00	78.0 LT	-	24	-	24	20.5	20.5	10
784+17	69.0 LT	-	33	-	33	24	31	10
784+17	65.0 RT	-	210	-	210	24	68	41
778+50	80.0 RT	-	-	179	179	51	62	30
TOTAL		**839**	**267**	**179**	**1,285**	-	-	-

PROPOSED SHARED-USE PATH			
STATION	STATION	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (TON) (40603335)	AGGREGATE BASE COURSE, TYPE B 6" (SQ YD) (35101800)
WEBER ROAD			
752+30	760+10	117	694
761+05	764+42	51	298
766+15	790+20	361	2,140
TOTAL		**529**	**3,132**

PROTECTIVE COAT (42001300)	
LOCATION	QUANTITY (SQ YD)
PCC SIDEWALK, 5 INCH	3,415
PCC SIDEWALK, 8 INCH	140
PCC DRIVEWAY PVMT, 8 INCH	55
CURB TYPE B	70
COMB C&G TYPE B.6-12	630
COMB C&G TYPE B.6-18	345
COMB C&G TYPE B.6-24	6,755
CORRUGATED MEDIAN	190
CONCRETE BARRIER MEDIAN	455
CONCRETE MEDIAN TYPE SB-6.24	925
PCC PAVEMENT 10" (JOINTED)	53,540
PROJECT TOTAL	**66,520**

SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)	
LOCATION	QUANTITY (SQ YD)
PCC SIDEWALK, 5 INCH	3,420
PCC SIDEWALK, 8 INCH	140
DRIVEWAY ENTRANCES	1,172
TEMPORARY PAVEMENT	38,111
PROJECT TOTAL	**42,843**

FILE NAME = D:\60X11-sht-schedule04.dgn

thomas engineering group service at the highest grade

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 12/29/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

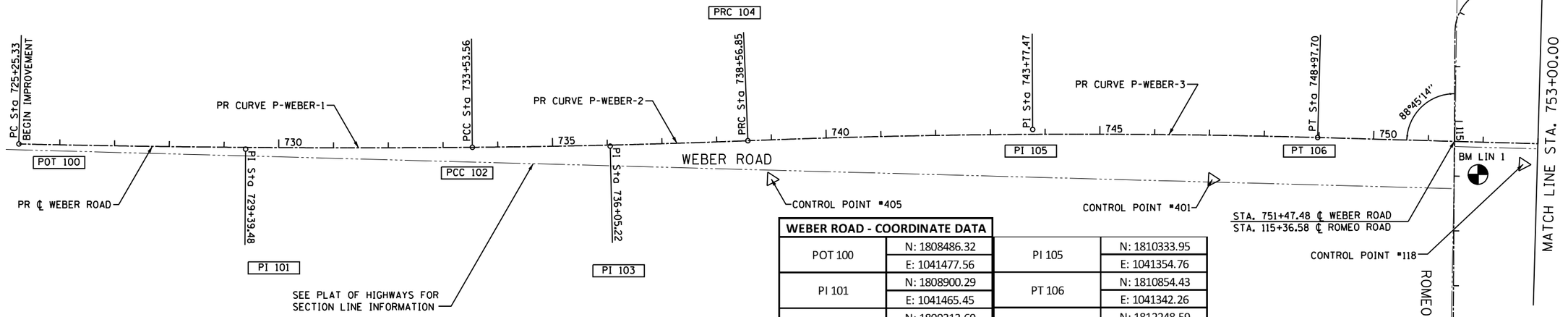
SCALE: NTS | SHEET 22 OF 22 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	50
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

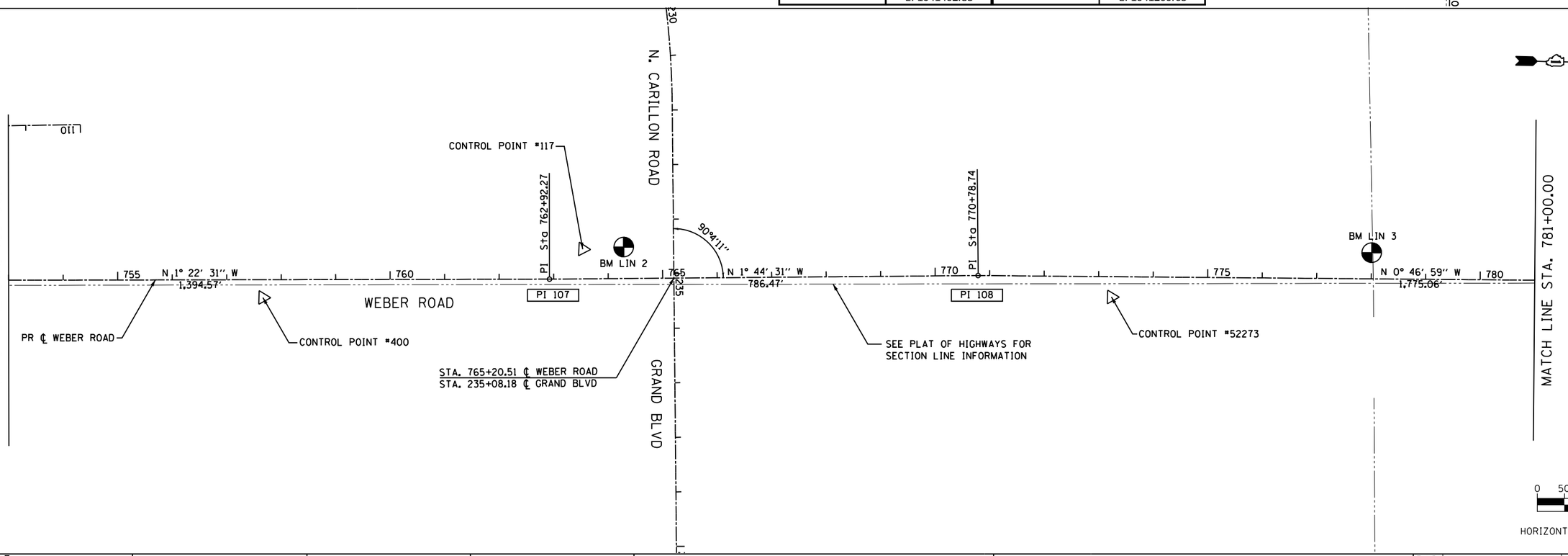
PR CURVE P-WEBER-1
PI STA. = 729+39.48
Δ = 1° 46′ 38″ (LT)
D = 0° 12′ 53″
R = 26,700.00′
T = 414.15′
L = 828.23′
E = 3.21′
P.C. STA = 725+25.33
P.T. STA = 733+53.56

PR CURVE P-WEBER-2
PI STA. = 736+05.22
Δ = 1° 47′ 28″ (LT)
D = 0° 21′ 21″
R = 16,100.00′
T = 251.66′
L = 503.29′
E = 1.97′
P.C. STA = 733+53.56
P.T. STA = 738+56.85

PR CURVE P-WEBER-3
PI STA. = 743+77.47
Δ = 3° 52′ 08″ (RT)
D = 0° 22′ 18″
R = 15,414.51′
T = 520.63′
L = 1,040.86′
E = 8.79′
P.C. STA = 738+56.85
P.T. STA = 748+97.70



WEBER ROAD - COORDINATE DATA			
POT 100	N: 1808486.32	PI 105	N: 1810333.95
	E: 1041477.56		E: 1041354.76
PI 101	N: 1808900.29	PT 106	N: 1810854.43
	E: 1041465.45		E: 1041342.26
PCC 102	N: 1809313.69	PI 107	N: 1812248.59
	E: 1041440.51		E: 1041308.79
PI 103	N: 1809564.90	PI 108	N: 1813034.70
	E: 1041425.35		E: 1041284.89
PRC 104	N: 1809815.51	PI 109	N: 1814809.60
	E: 1041402.35		E: 1041260.63



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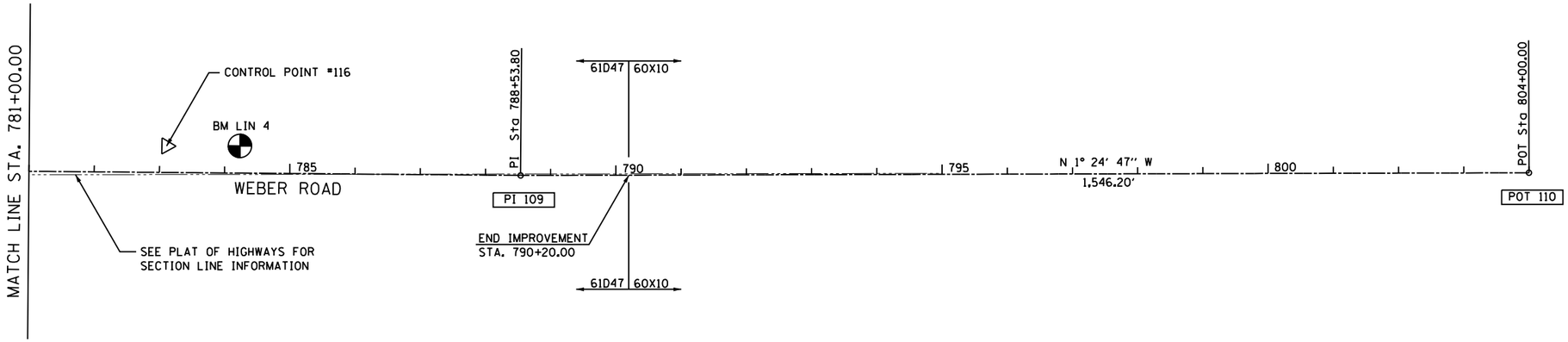
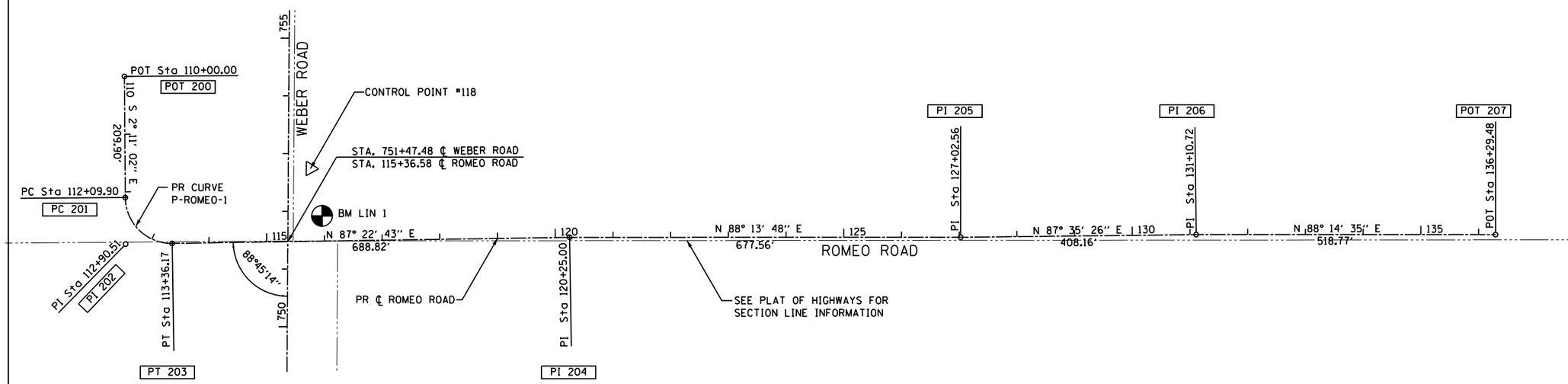
thomas engineering group
service at the highest grade

USER NAME = TEG	DESIGNED - JBH	REVISED - 3/3/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES, AND BENCHMARKS	
	DRAWN - ADF	REVISED - 6/19/2015			
PLOT SCALE = 200.0000 ′ / in.	CHECKED - CRC	REVISED - 9/27/2016			
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -		SCALE: 1"=100′ | SHEET 1 OF 4 SHEETS | STA. | TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	51
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



WEBER ROAD - COORDINATE DATA	
POT 100	N: 1808486.32
	E: 1041477.56
PI 101	N: 1808900.29
	E: 1041465.45
PCC 102	N: 1809313.69
	E: 1041440.51
PI 103	N: 1809564.90
	E: 1041425.35
PRC 104	N: 1809815.51
	E: 1041402.35
PI 105	N: 1810333.95
	E: 1041354.76
PT 106	N: 1810854.43
	E: 1041342.26
PI 107	N: 1812248.59
	E: 1041308.79
PI 108	N: 1813034.70
	E: 1041284.89
PI 109	N: 1814809.60
	E: 1041260.63
POT 110	N: 1816355.33
	E: 1041222.50



PR CURVE P-ROMEO-1
Δ = 90° 26' 15" (LT)
D = 71° 37' 11"
R = 80.00'
T = 80.61'
L = 126.27'
E = 33.57'
P.C. STA = 112+09.90
P.T. STA = 113+36.17

ROMEO ROAD - COORDINATE DATA	
POT 200	N: 1811381.59
	E: 1041044.47
PC 201	N: 1811171.84
	E: 1041052.47
PI 202	N: 1811091.29
	E: 1041055.54
PT 203	N: 1811094.97
	E: 1041136.07
PI 204	N: 1811126.48
	E: 1041824.17
PI 205	N: 1811147.40
	E: 1042501.41
PI 206	N: 1811164.56
	E: 1042909.21
POT 207	N: 1811180.47
	E: 1043427.73

0 50 100 200
HORIZONTAL SCALE IN FEET

FILE NAME = D16@X11-ATB02.dgn

thomas engineering group
service at the highest grade

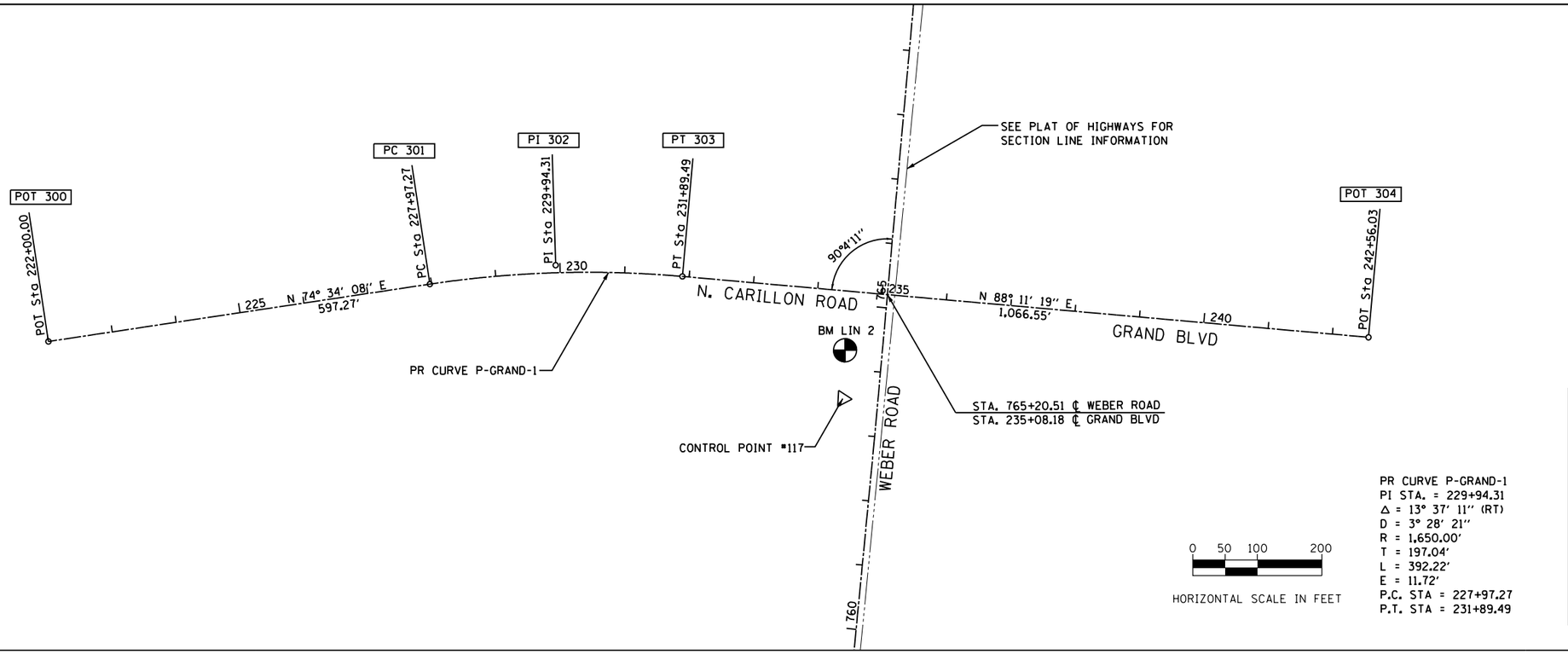
USER NAME = TEG	DESIGNED - JBH	REVISED - 3/3/2015	
	DRAWN - ADF	REVISED - 6/19/2015	
PLOT SCALE = 200.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=100' | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	52
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		



GRAND BLVD - COORDINATE DATA	
POT 300	N: 1812249.08
	E: 1040020.71
PC 301	N: 1812408.00
	E: 1040596.45
PI 302	N: 1812460.43
	E: 1040786.38
PT 303	N: 1812466.66
	E: 1040983.32
POT 304	N: 1812500.37
	E: 1042049.34

BENCHMARKS

VERICAL DATUM IS NAVD88

BM LIN 1 CHISELED "X" IN NORTHWEST BOLT ON RED FIRE HYDRANT IN NORTHEAST QUAD OF WEBER ROAD AND 135TH STREET
ELEV. 655.57

BM LIN 2 CHISELED SQUARE IN EAST SIDE OF FOUNDATION FOR MAST ARM WITH LIGHT IN SOUTHWEST QUAD OF WEBER ROAD AND NORTH CARILLON DRIVE AND GRAND BOULEVARD
ELEV. 644.84

BM LIN 3 CHISELED SQUARE IN TOP OF FLARED END SECTION OF 12" CONCRETE CULVERT RUNNING UNDER WEBER ROAD ON WEST SIDE OF ROAD, ±1280' NORTH OF GRAND BOULEVARD AND EAST OF POND
ELEV. 619.69

BM LIN 4 CHISELED SQUARE IN NORTHWEST CORNER OF HEADWALL WEST END OF BOX CULVERT RUNNING UNDER WEBER ROAD DRAINING LILY CACHE SLOUGH, ±1900' NORTH OF GRAND BOULEVARD
ELEV. 617.46

BM LIN 5 CHISELED SQUARE IN EAST SIDE OF LIGHT POLE FOUNDATION WEST OF WEBER ROAD 4TH POLE SOUTH OF WEBER ROAD AND NORMANTOWN ROAD JUST NORTH OF "DISCOUNT TIRE CO."
ELEV. 624.62

BM LIN 6 CHISELED SQUARE IN SOUTHWEST SIDE OF CONCRETE TRAFFIC SIGNAL FOUNDATION NORTHEAST QUAD OF WEBER ROAD AND I-55 NORTH BOUND RAMPS (DIRECTS TRAFFIC FROM I-55 EXIT RAMP)
ELEV. 660.06

BM LIN 7 CHISELED SQUARE IN WEST SIDE OF CONCRETE TRAFFIC SIGNAL FOUNDATION SOUTHEAST QUAD OF WEBER ROAD AND I-55 SOUTH BOUND RAMPS FARTHEST SOUTH SIGNAL (DIRECTS NORTH BOUND WEBER ROAD TRAFFIC)
ELEV. 666.06

BM LIN 8 CHISELED SQUARE IN WEST SIDE OF CONCRETE LIGHT POLE FOUNDATION EAST OF WEBER ROAD 3RD LIGHT POLE NORTH OF LAKEVIEW DRIVE (LAKEVIEW DRIVE IS EAST WEST ROAD NORTH OF SHELL STATION)
ELEV. 658.95

BM LIN 9 CHISELED SQUARE IN WEST SIDE OF FOUNDATION FOR MAST ARM IN SOUTHEAST QUAD OF WEBER ROAD AND WINDHAM PARKWAY AND REMINGTON BOULEVARD
ELEV. 652.89

BM LIN 10 CHISELED SQUARE IN TOP OF 53"X34" ELLIPTICAL PIPE FARTHEST SOUTH OF 2 PIPES EAST OF WEBER ROAD ±90' SOUTH OF INTERSECTION OF NORTH CARILLON ROAD AND WEBER ROAD
ELEV. 651.37

BM LIN 11 CHISELED SQUARE IN WEST SIDE OF FOUNDATION OF TRAFFIC LIGHT MAST ARM IN ISLAND AT SOUTH EAST QUAD OF WEBER ROAD AND REMINGTON BOULEVARD AND RODEO DRIVE
ELEV. 654.09

BM LIN 12 CHISELED SQUARE IN BACK OF CURB AT EAST SIDE OF DI ALONG WEBER ROAD ±105' SOUTH OF CENTER OF ENTRANCE TO HIGHLAND CORPORATE CENTER ±1000' SOUTH OF WEBER ROAD AND 115TH STREET INTERSECTION
ELEV. 656.97

BM LIN 13 CHISELED "X" CUT IN SOUTH EAST BOLT ON YELLOW FIRE HYDRANT IN NORTHWEST QUAD OF WEBER ROAD AND 115TH STREET
ELEV. 660.53

BM LIN 14 CHISELED "X" CUT IN WESTERLY BOLT OF FIRE HYDRANT IN NORTHWEST QUAD OF WEBER ROAD AND REMINGTON BOULEVARD AND RODEO DRIVE
ELEV. 655.57

FILE NAME = D:\61D47\11-ATB03.dgn

thomas engineering group service at the highest grade

USER NAME = TEG	DESIGNED - JBH	REVISED - 3/3/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - ADF	REVISED - 6/19/2015	
PLOT SCALE = 200.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

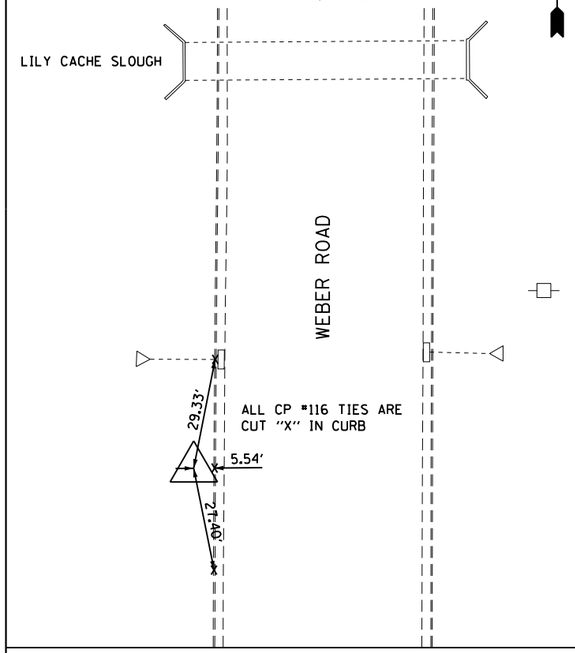
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=100' | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	53
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

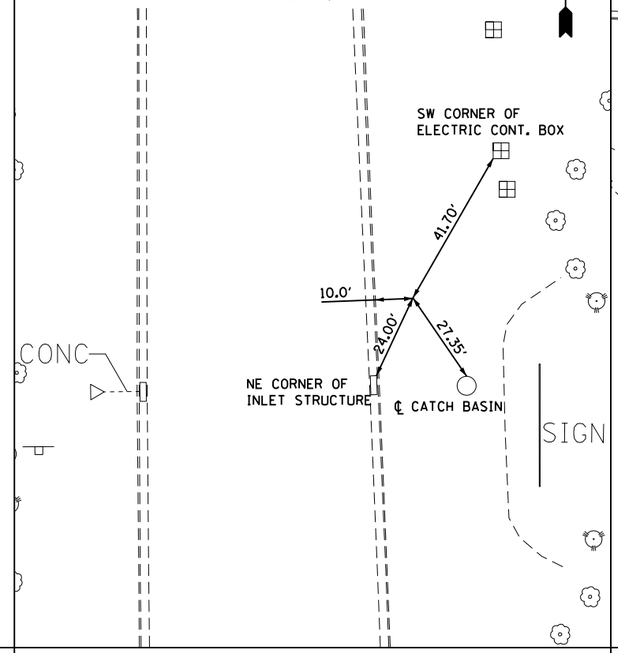
CONTROL POINT #116

5/8" I-PIN WITH RED CAP
NORTHING: 1,814,265.9380
EASTING: 1,041,227.5360
STA. 783+10.65, 40.52' LT



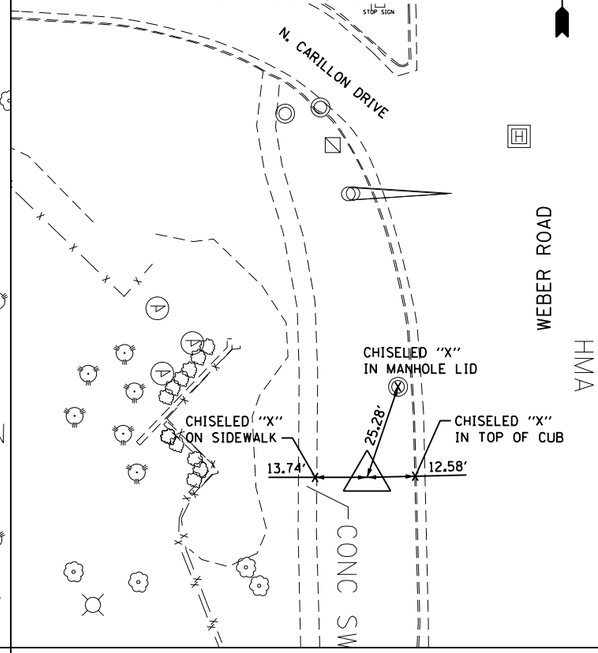
CONTROL POINT #52273

SET IRON ROD 5/8"
NORTHING: 1,813,280.1340
EASTING: 1,041,318.8160
STA. 773+23.68, 37.33' RT



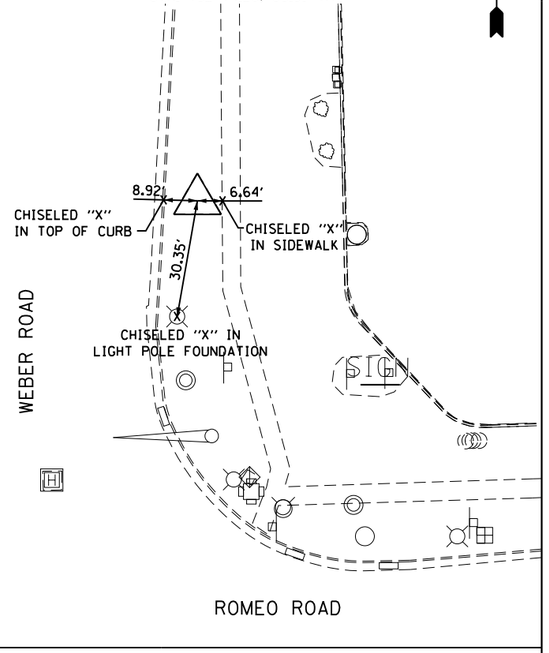
CONTROL POINT #117

5/8" I-PIN WITH RED CAP
NORTHING: 1,812,308.4660
EASTING: 1,041,252.5400
STA. 763+53.82, 54.41' LT



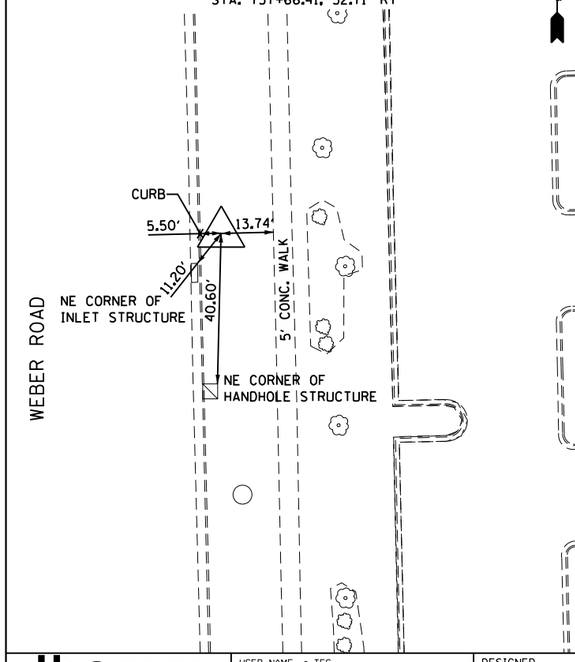
CONTROL POINT #118

5/8" T-PIN WITH RED CAP
NORTHING: 1,811,231.7940
EASTING: 1,041,371.5250
STA. 752+74.26, 38.31' RT



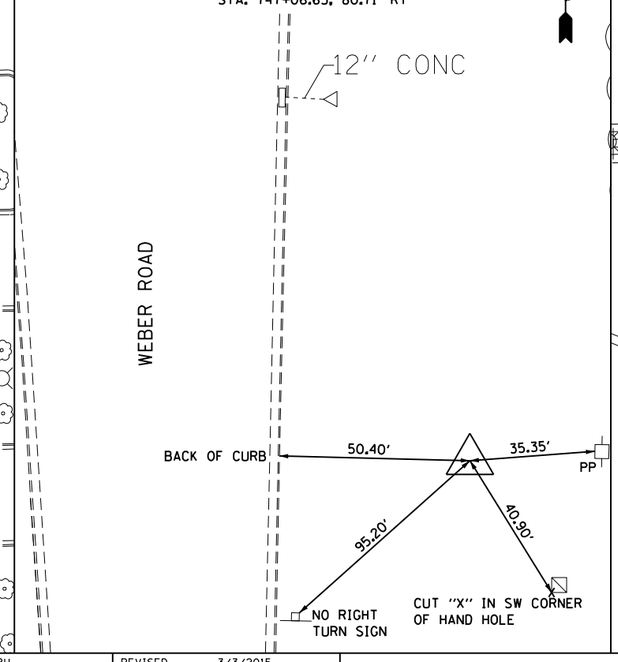
CONTROL POINT #400

SET 5/8" IR W/ YELLOW CAP
NORTHING: 1,811,723.6710
EASTING: 1,041,354.1180
STA. 757+66.41, 32.71' RT



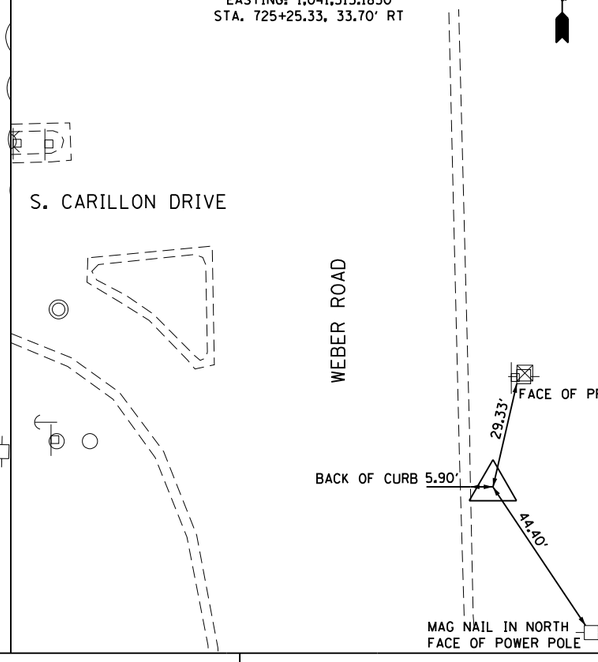
CONTROL POINT #401

5/8" SET IR W/YELLOW CAP
NORTHING: 1,810,666.4040
EASTING: 1,041,428.6950
STA. 747+06.65, 80.71' RT



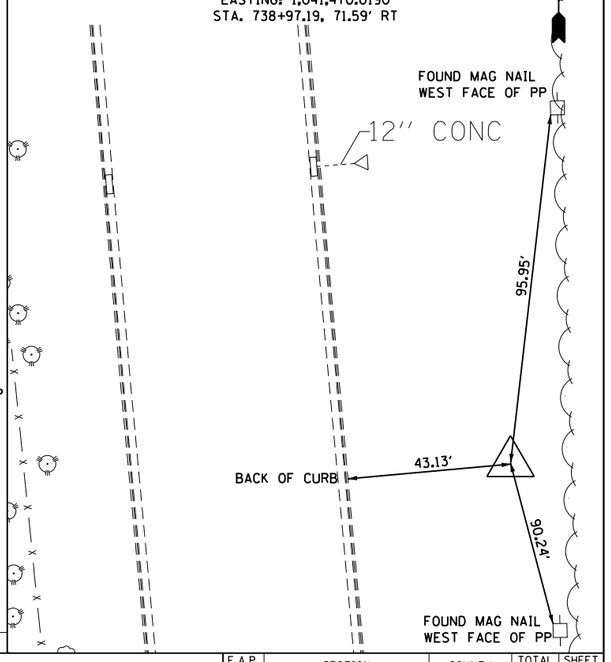
CONTROL POINT #404

SET MAG NAIL IN PAVEMENT ENTRANCE
FOR HIGH TENSION POWER LINES
NORTHING: 1,808,352.9050
EASTING: 1,041,515.1830
STA. 725+25.33, 33.70' RT



CONTROL POINT #405

FOUND IRON ROD W/CAP MARKED
LWA CORP 184-00439
NORTHING: 1,809,862.0450
EASTING: 1,041,470.0190
STA. 738+97.19, 71.59' RT



thomas engineering group
service at the highest grade

USER NAME = TEG	DESIGNED - JBH	REVISED - 3/3/2015
	DRAWN - ADF	REVISED - 6/19/2015
PLOT SCALE = 40.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

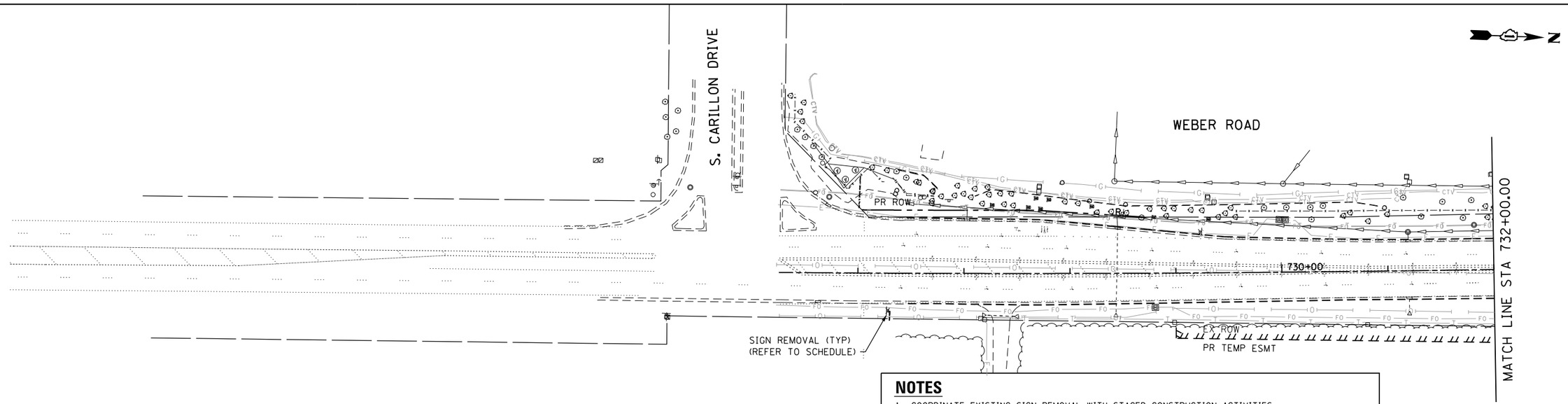
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: NTS | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	54
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

FILE NAME = D:\61D47\11-ATB04.dgn

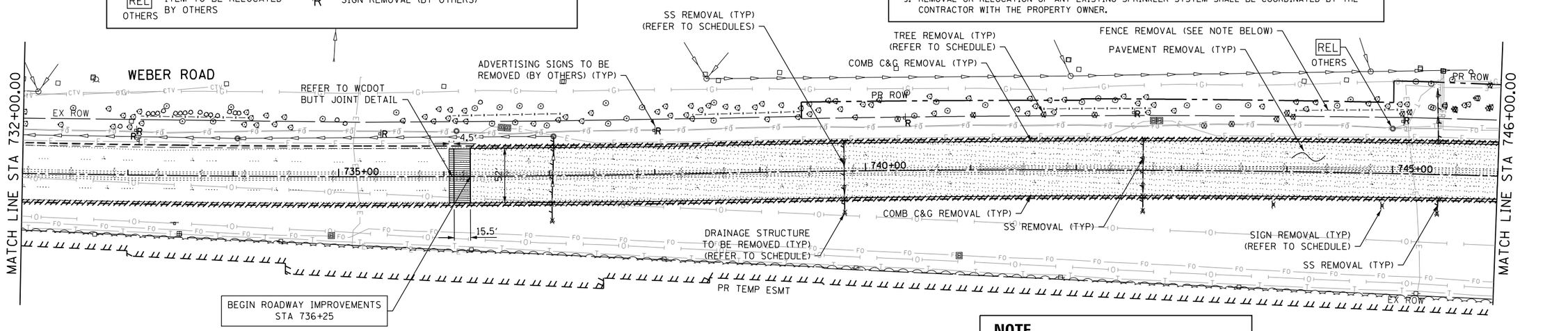


REMOVAL PLAN LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL
- DRIVEWAY PVMT REMOVAL
- MEDIAN REMOVAL
- COMB C&G REMOVAL
- LINEAR ITEM REMOVAL
- [R] ITEM TO BE REMOVED BY CONTRACTOR
- [REL] OTHERS ITEM TO BE RELOCATED BY OTHERS
- DRAINAGE STRUCTURE TO BE REMOVED (INLET)
- DRAINAGE STRUCTURE TO BE REMOVED (FES)
- DRAINAGE STRUCTURE TO BE REMOVED (MH)
- DRAINAGE STRUCTURE TO BE REMOVED (CB)
- TREE REMOVAL
- SIGN REMOVAL OR REL (SEE SCHEDULES)
- SIGN REMOVAL (BY OTHERS)

NOTES

1. COORDINATE EXISTING SIGN REMOVAL WITH STAGED CONSTRUCTION ACTIVITIES.
2. REFER TO TREE REMOVAL SCHEDULE FOR LOCATION DETAIL AND DIMENSIONS.
3. REFER TO SIGN REMOVAL SCHEDULE FOR SIGN REMOVAL AND RELOCATION DETAIL. ADVERTISING AND PRIVATELY OWNED SIGNS ARE TO BE REMOVED (BY OTHERS).
4. REFER TO DRAINAGE STRUCTURE REMOVAL SCHEDULE FOR STATION AND OFFSET DETAILS.
5. REFER TO STORM SEWER REMOVAL SCHEDULES FOR LOCATIONS AND SIZES.
6. REFER TO TEMPORARY TRAFFIC SIGNAL PLANS FOR MORE INFORMATION ON THE REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT.
7. REFER TO LIGHTING PLANS FOR MORE INFORMATION ON THE REMOVAL OF EXISTING LIGHTING EQUIPMENT.
8. THE COST OF SAW CUTTING, (FULL DEPTH) SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS REMOVAL PAY ITEMS.
9. REMOVAL OR RELOCATION OF ANY EXISTING SPRINKLER SYSTEM SHALL BE COORDINATED BY THE CONTRACTOR WITH THE PROPERTY OWNER.



NOTE

FENCE REMOVAL OR PRESERVATION SHALL BE DETERMINED BASED ON FIELD CONDITIONS BY THE FIELD ENGINEER. A QUANTITY AND SPECIAL PROVISION HAVE BEEN INCORPORATED IF THE FIELD ENGINEER DEEMS REMOVAL IS NECESSASRY.

0 25 50 100

HORIZONTAL SCALE IN FEET

FILE NAME = D16DV11-sht-removal01.dgn

thomas engineering group
service at the highest grade

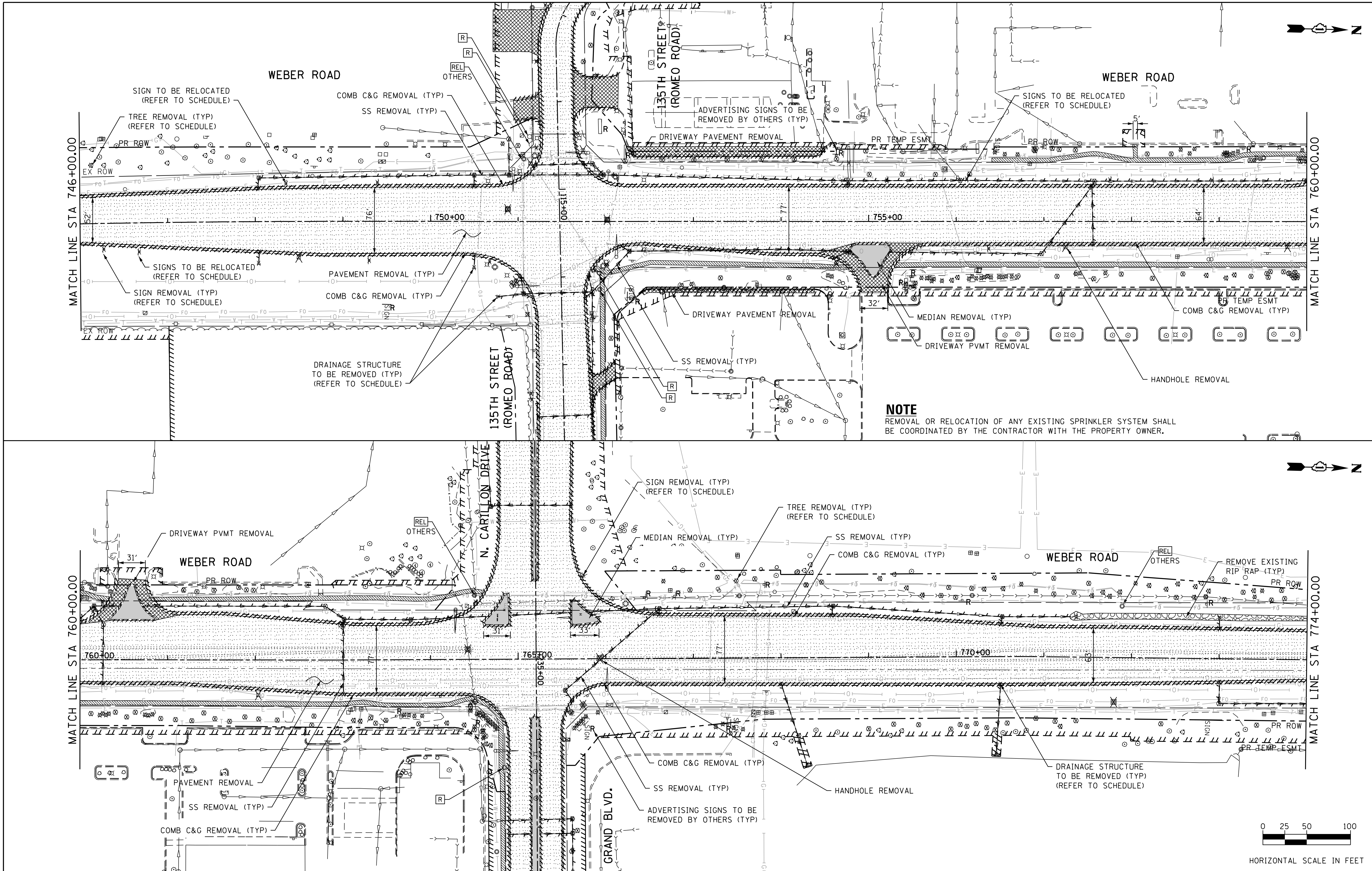
USER NAME = TEG	DESIGNED - RO	REVISED -	3/3/2015
	DRAWN - VJM	REVISED -	6/19/2015
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED -	9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
WEBER ROAD

SCALE: 1"=50' | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	55
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		


WEBER ROAD
SIGN TO BE RELOCATED (REFER TO SCHEDULE)
TREE REMOVAL (TYP) (REFER TO SCHEDULE)
PR ROW
EX ROW
R
REL OTHERS
COMB C&G REMOVAL (TYP)
SS REMOVAL (TYP)
135TH STREET (ROMEO ROAD)
ADVERTISING SIGNS TO BE REMOVED BY OTHERS (TYP)
DRIVEWAY PAVEMENT REMOVAL
PR TEMP ESMT
SIGNS TO BE RELOCATED (REFER TO SCHEDULE)
5'
MATCH LINE STA 746+00.00
52'
76'
750+00
77'
755+00
64'
MATCH LINE STA 760+00.00
SIGNS TO BE RELOCATED (REFER TO SCHEDULE)
SIGN REMOVAL (TYP) (REFER TO SCHEDULE)
PAVEMENT REMOVAL (TYP)
COMB C&G REMOVAL (TYP)
DRAINAGE STRUCTURE TO BE REMOVED (TYP) (REFER TO SCHEDULE)
DRIVEWAY PAVEMENT REMOVAL
SS REMOVAL (TYP)
32'
MEDIAN REMOVAL (TYP)
DRIVEWAY PVMT REMOVAL
PR TEMP ESMT
COMB C&G REMOVAL (TYP)
HANDHOLE REMOVAL
NOTE
REMOVAL OR RELOCATION OF ANY EXISTING SPRINKLER SYSTEM SHALL BE COORDINATED BY THE CONTRACTOR WITH THE PROPERTY OWNER.
N
DRIVEWAY PVMT REMOVAL
31'
WEBER ROAD
PR ROW
N. CARILLON DRIVE
REL OTHERS
SIGN REMOVAL (TYP) (REFER TO SCHEDULE)
TREE REMOVAL (TYP) (REFER TO SCHEDULE)
MEDIAN REMOVAL (TYP)
SS REMOVAL (TYP)
COMB C&G REMOVAL (TYP)
WEBER ROAD
REL OTHERS
REMOVE EXISTING RIP RAP (TYP)
PR ROW
MATCH LINE STA 760+00.00
760+00
31'
33'
765+00
770+00
77'
77'
63'
MATCH LINE STA 774+00.00
PR ROW
PR TEMP ESMT
PAVEMENT REMOVAL
SS REMOVAL (TYP)
COMB C&G REMOVAL (TYP)
GRAND BLVD.
COMB C&G REMOVAL (TYP)
SS REMOVAL (TYP)
ADVERTISING SIGNS TO BE REMOVED BY OTHERS (TYP)
HANDHOLE REMOVAL
DRAINAGE STRUCTURE TO BE REMOVED (TYP) (REFER TO SCHEDULE)
0 25 50 100
HORIZONTAL SCALE IN FEET

thomas engineering group — service at the highest grade	USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
		DRAWN - VJM	REVISED - 6/19/2015
	PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
	PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

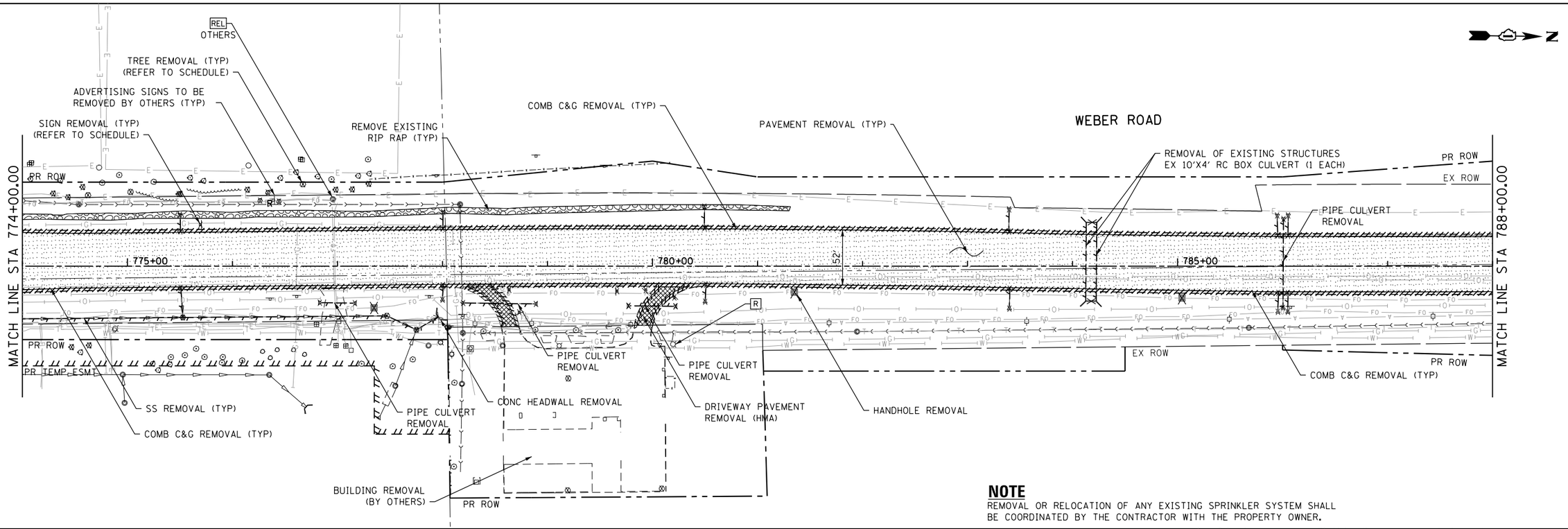
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
WEBER ROAD

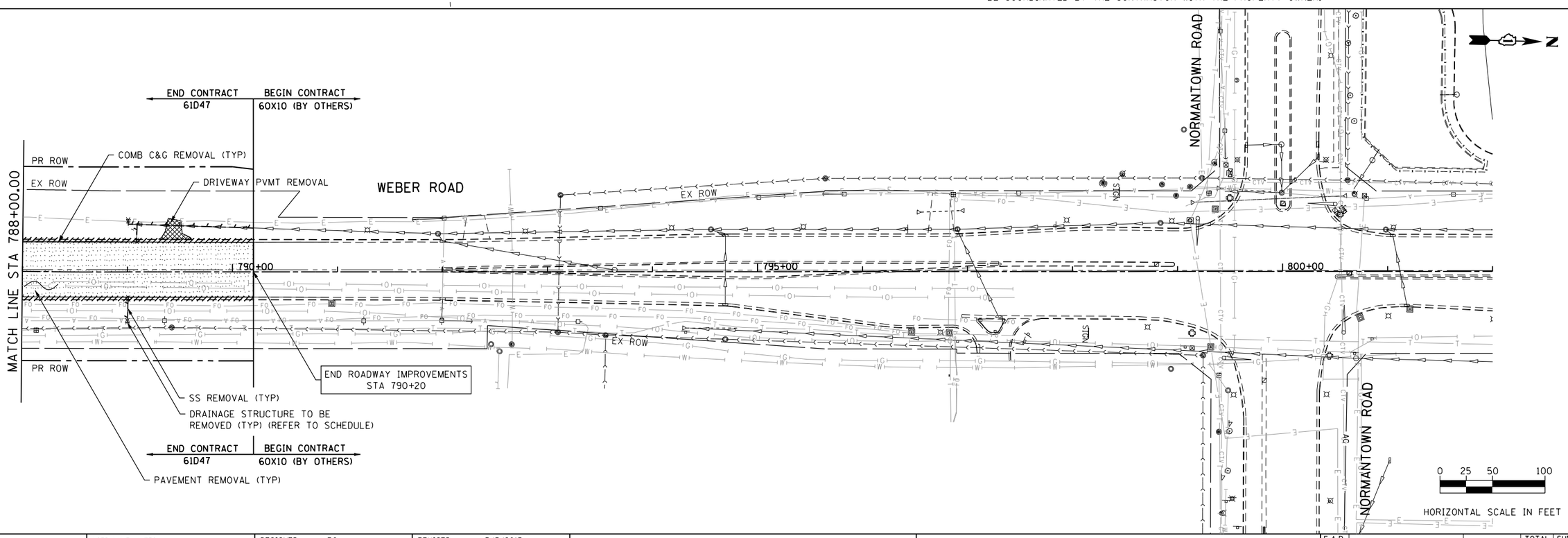
SCALE: 1"=50' | SHEET 2 OF 5 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	56
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

FILE NAME = D16BXII-sht-remove102.dgn



NOTE
REMOVAL OR RELOCATION OF ANY EXISTING SPRINKLER SYSTEM SHALL BE COORDINATED BY THE CONTRACTOR WITH THE PROPERTY OWNER.



FILE NAME = D160X11-sht-removal03.dgn

USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - VJM	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

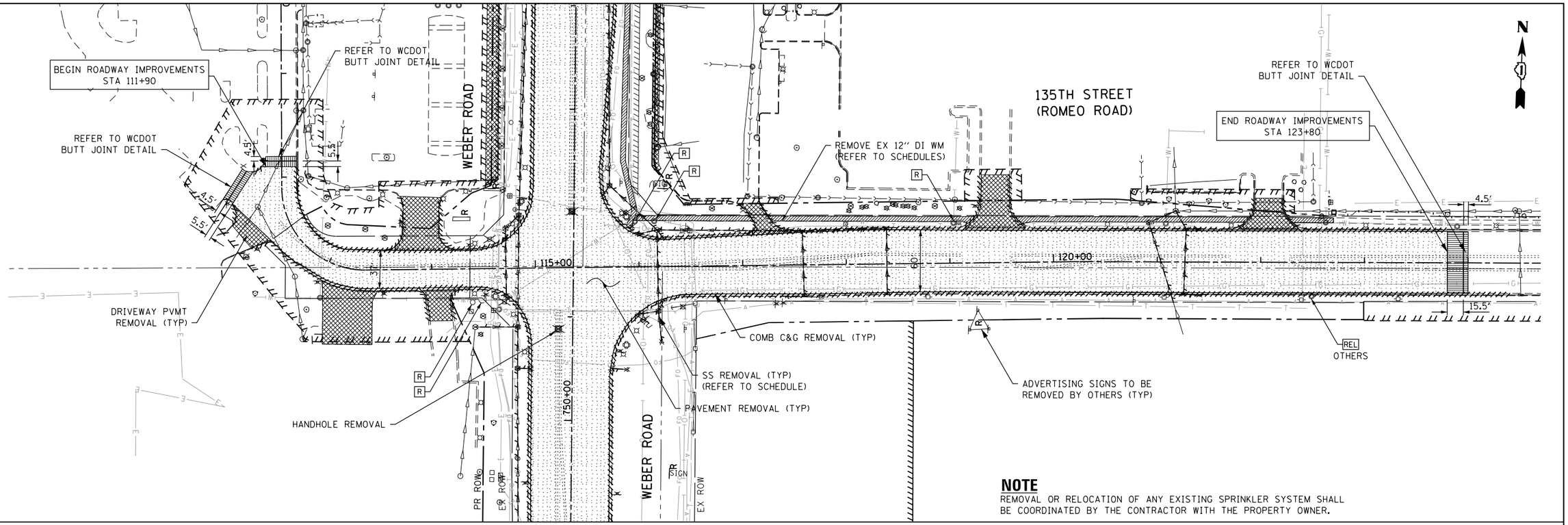
thomas engineering group
service at the highest grade

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
WEBER ROAD

SCALE: 1"=50' | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	57
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



NOTE
REMOVAL OR RELOCATION OF ANY EXISTING SPRINKLER SYSTEM SHALL BE COORDINATED BY THE CONTRACTOR WITH THE PROPERTY OWNER.

REMOVAL PLAN LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL
- DRIVEWAY PVMT REMOVAL
- MEDIAN REMOVAL
- COMB C&G REMOVAL
- LINEAR ITEM REMOVAL
- [R] ITEM TO BE REMOVED BY CONTRACTOR
- [REL] OTHERS — ITEM TO BE RELOCATED BY OTHERS
- DRAINAGE STRUCTURE TO BE REMOVED (INLET)
- DRAINAGE STRUCTURE TO BE REMOVED (FES)
- DRAINAGE STRUCTURE TO BE REMOVED (MH)
- DRAINAGE STRUCTURE TO BE REMOVED (CB)
- TREE REMOVAL
- SIGN REMOVAL OR REL (SEE SCHEDULES)
- R — SIGN REMOVAL (BY OTHERS)

0 25 50 100
HORIZONTAL SCALE IN FEET

FILE NAME = D:\8X11-sht-removal04.dgn

thomas engineering group
service at the highest grade

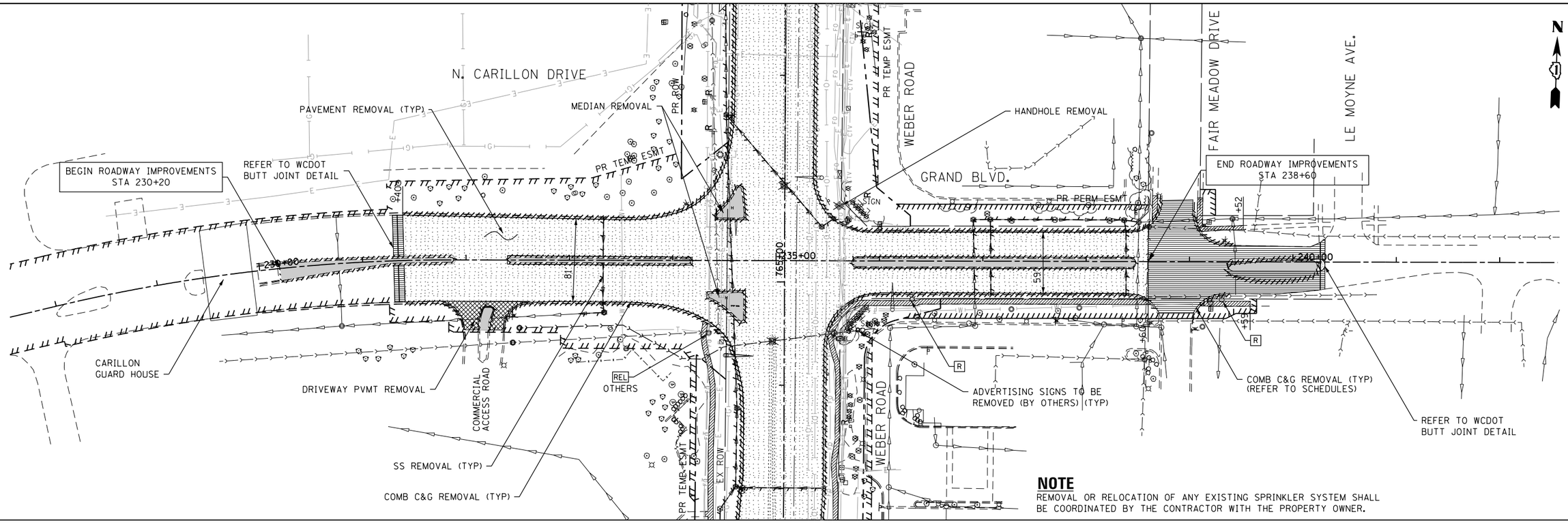
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - VJM	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEET
135TH STREET/ROMEO ROAD

SCALE: 1"=50' | SHEET 4 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	58
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



NOTE
REMOVAL OR RELOCATION OF ANY EXISTING SPRINKLER SYSTEM SHALL BE COORDINATED BY THE CONTRACTOR WITH THE PROPERTY OWNER.

REMOVAL PLAN LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL
- DRIVEWAY PVMT REMOVAL
- MEDIAN REMOVAL
- COMB C&G REMOVAL
- LINEAR ITEM REMOVAL
- R — ITEM TO BE REMOVED BY CONTRACTOR
- REL OTHERS — ITEM TO BE RELOCATED BY OTHERS
- DRAINAGE STRUCTURE TO BE REMOVED (INLET)
- DRAINAGE STRUCTURE TO BE REMOVED (FES)
- DRAINAGE STRUCTURE TO BE REMOVED (MH)
- DRAINAGE STRUCTURE TO BE REMOVED (CB)
- TREE REMOVAL
- SIGN REMOVAL OR REL (SEE SCHEDULES)
- R — SIGN REMOVAL (BY OTHERS)

0 25 50 100
HORIZONTAL SCALE IN FEET

FILE NAME = D:\60X11-sht-removal05.dgn

thomas engineering group
service at the highest grade

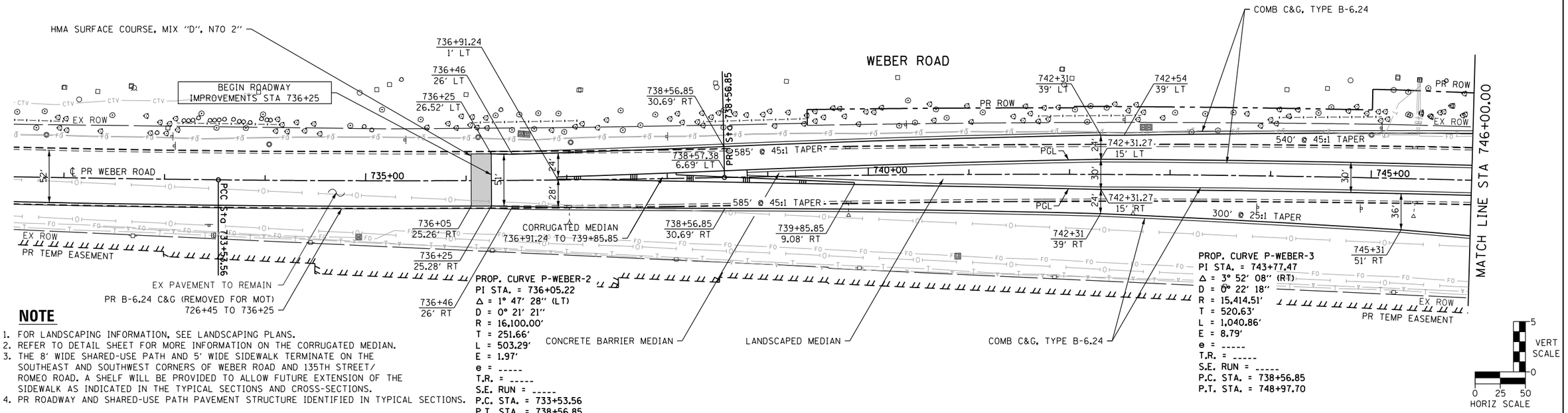
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - VJM	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEETS
N. CARILLON DRIVE/GRAND BLVD.

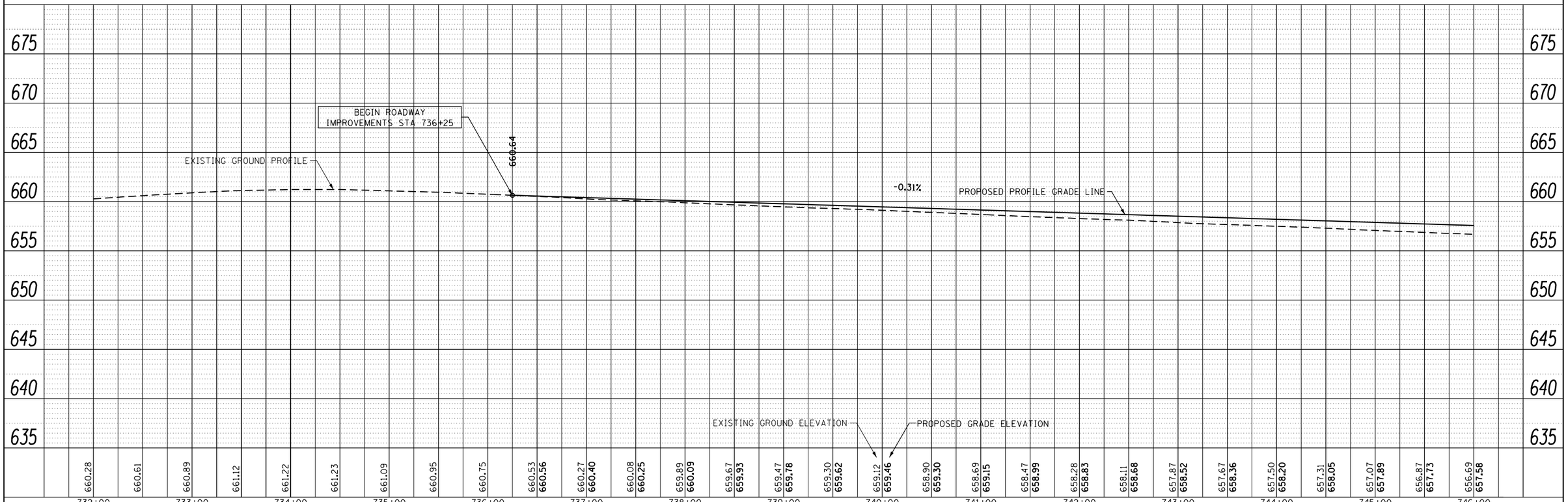
SCALE: 1"=50' | SHEET 5 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	59
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



NOTE

1. FOR LANDSCAPING INFORMATION, SEE LANDSCAPING PLANS.
2. REFER TO DETAIL SHEET FOR MORE INFORMATION ON THE CORRUGATED MEDIAN.
3. THE 8' WIDE SHARED-USE PATH AND 5' WIDE SIDEWALK TERMINATE ON THE SOUTHEAST AND SOUTHWEST CORNERS OF WEBER ROAD AND 135TH STREET/ ROMEO ROAD. A SHELF WILL BE PROVIDED TO ALLOW FUTURE EXTENSION OF THE SIDEWALK AS INDICATED IN THE TYPICAL SECTIONS AND CROSS-SECTIONS.
4. PR ROADWAY AND SHARED-USE PATH PAVEMENT STRUCTURE IDENTIFIED IN TYPICAL SECTIONS.



USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

thomas engineering group service at the highest grade

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WEBER ROAD

SCALE: 1"=50' | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	60
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO.
PROFILE: SURVEYED, PLOTTED, PROFILE CHECKED, BM. NOTED, STRUCTURE NO'S/TNS CHKD, NOTE BOOK, NO.
BY, DATE

FILE NAME = D160X11-sht-plnprf02.dgn

LOCKPORT TOWNSHIP FIRE AND AMBULANCE PROTECTION DISTRICT STATION NO. 3

135TH STREET (ROMEO ROAD)

FOR CONTINUATION OF IMPROVEMENT ALONG 135TH ST/ROMEO ROAD, REFER TO SHEET NO. 6 OF THE PLAN/PROFILE

N

STA 751+47.48 WEBER ROAD
STA 115+36.58 135TH ST/ROMEO RD

BP GAS STATION

DETECTABLE WARNINGS (TYP)

TWO-CENTERED CURVE 55' - 250'R; 10' OFFSET

TWO-CENTERED CURVE 85'R - 55'R; 15' OFFSET

PCC DRIVEWAY PAVEMENT, 8"

CONCRETE CURB, TYPE B

PR TEMP EASEMENT

CONCRETE BARRIER MEDIAN

PR 8' SHARED-USE PATH (TYP)

PR 5' SIDEWALK

WEBER ROAD

PR ROW

EX ROW

MATCH LINE STA 746+00.00

MATCH LINE STA 760+00.00

747+94 51' LT

748+97.70 51' LT

748+97.70 15' LT

756+09 51' LT

758+54 15' LT

754+09 63' LT

755+54 9' RT

540' @ 45:1 TAPER

200' @ 16.7:1 TAPER

300' @ 12.5:1 TAPER

℄ PR WEBER ROAD

PGL

750+00

755+00

88°45'14.1"

748+97.70 3' RT

746+01 15' RT

748+01 3' RT

748+97.70 63' RT

747+31 63' RT

PT Sta 748+97.70

755+46 51' RT

754+65 51' RT

+05.90 (CE)

+18.69

LANDSCAPED MEDIAN

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)

TWO-CENTERED CURVE 55'R - 350'R; 15' OFFSET

CONC CURB, TYPE B

PCC DRIVEWAY PAVEMENT, 8"

FORMER DOMINICK'S GAS STATION

135TH STREET (ROMEO ROAD)

COMB C&G, TYPE B-6.12 (TYP FOR DUAL LTL'S)

COMB C&G, TYPE B-6.24

PR 5' SIDEWALK (TYP)

PROP. CURVE P-WEBER-3
PI STA. = 743+77.47
Δ = 3° 52' 08" (RT)
D = 0° 22' 18"
R = 15,414.51'
T = 520.63'
L = 1,040.86'
E = 8.79'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 738+56.85
P.T. STA. = 748+97.70

NOTE

1. SEE INTERSECTION DETAIL SHEETS FOR INTERSECTION GRADING INFORMATION.
2. PR ROADWAY AND SHARED-USE PATH PAVEMENT STRUCTURE IDENTIFIED IN TYPICAL SECTIONS.

VERT SCALE 5 0

HORIZ SCALE 0 25 50

ROMEO RD/135TH ST
STA 751+47.48
℄

PROPOSED PROFILE GRADE PROFILE

EXISTING GROUND PROFILE

-0.31%

SEE INTERSECTION GRADING PLAN FOR DETAILS

+55.00 E.: 653.95

EXISTING GROUND ELEVATION

PROPOSED GRADE ELEVATION

746+00	747+00	748+00	749+00	750+00	751+00	752+00	753+00	754+00	755+00	756+00	757+00	758+00	759+00	760+00
656.69 / 657.58	656.61 / 657.42	656.48 / 657.26	656.31 / 657.10	656.10 / 656.95	655.89 / 656.79	655.66 / 656.63	655.44 / 656.48	655.20 / 656.32	654.98 / 656.16	654.75 / 656.00	654.71 / 655.85	654.47 / 655.69	654.20 / 655.53	654.03 / 655.38	653.83 / 655.22	653.61 / 655.06	653.36 / 654.90	653.13 / 654.75	652.92 / 654.59	652.66 / 654.43	652.48 / 654.28	652.31 / 654.12	652.07 / 653.96	651.86 / 653.77	651.61 / 653.51	651.35 / 653.17	651.02 / 652.75	650.61 / 652.25

670 665 660 655 650 645 640 635 630

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO.____ / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK / NO.____ / BY / DATE

FILE NAME = D160X11-sht-plng-rf03.dgn

thomas engineering group — service at the highest grade

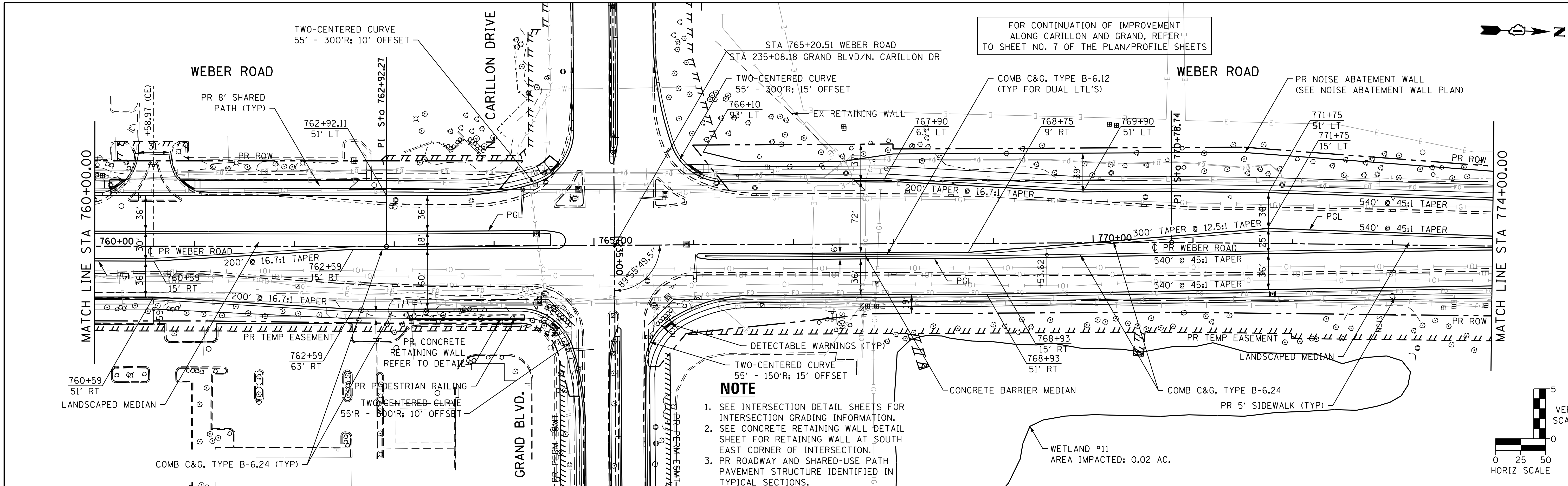
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WEBER ROAD

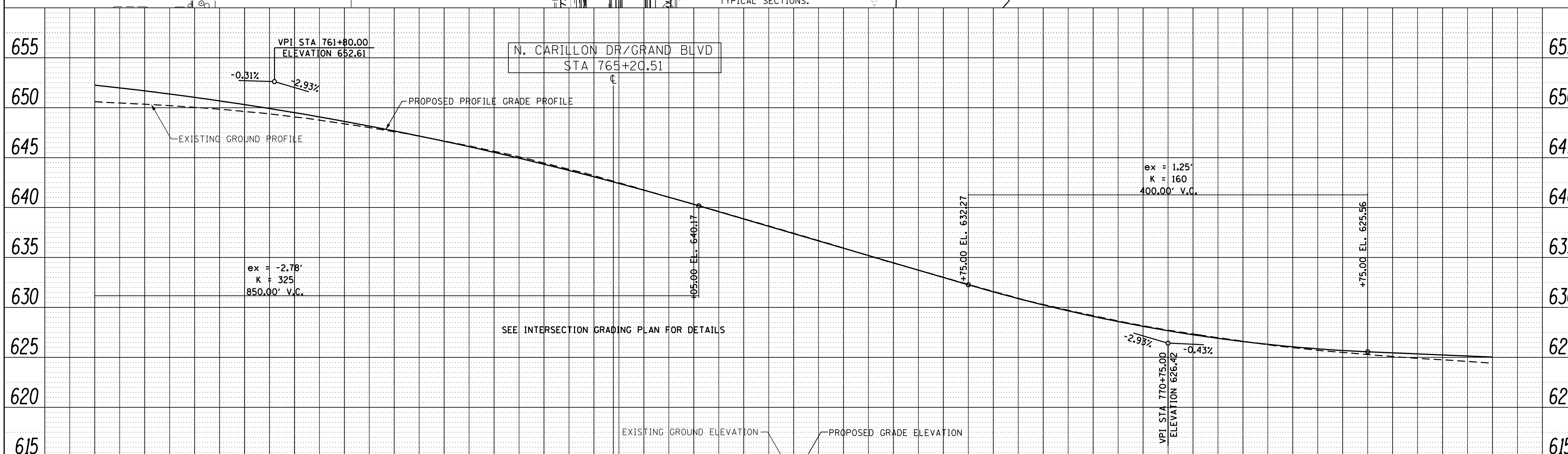
SCALE: 1"=50' | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	61
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



NOTE

1. SEE INTERSECTION DETAIL SHEETS FOR INTERSECTION GRADING INFORMATION.
2. SEE CONCRETE RETAINING WALL DETAIL SHEET FOR RETAINING WALL AT SOUTH EAST CORNER OF INTERSECTION.
3. PR ROADWAY AND SHARED-USE PATH PAVEMENT STRUCTURE IDENTIFIED IN TYPICAL SECTIONS.



Station	Existing Ground Elevation	Proposed Grade Elevation
760+00	650.61	652.25
	650.34	651.68
761+00	650.03	651.03
	649.62	650.31
762+00	649.08	649.50
	648.38	648.63
763+00	647.60	647.67
	646.67	646.64
764+00	645.64	645.53
	644.46	644.34
765+00	643.19	643.08
	641.77	641.74
766+00	640.34	640.32
	638.89	638.86
767+00	637.43	637.39
	635.94	635.93
768+00	634.44	634.47
	633.02	633.00
769+00	631.61	631.56
	630.30	630.25
770+00	629.18	629.10
	628.17	628.11
771+00	627.35	627.27
	626.61	626.59
772+00	625.97	626.06
	625.50	625.69
773+00	625.09	625.45
	624.75	625.24
774+00	624.42	625.02

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME; NOTE BOOK, NO. — BY — DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTAT'NS CH'KD; NOTE BOOK, NO. — BY — DATE

FILE NAME = D160X11-sht-plnprf04.dgn

thomas engineering group — service at the highest grade

USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

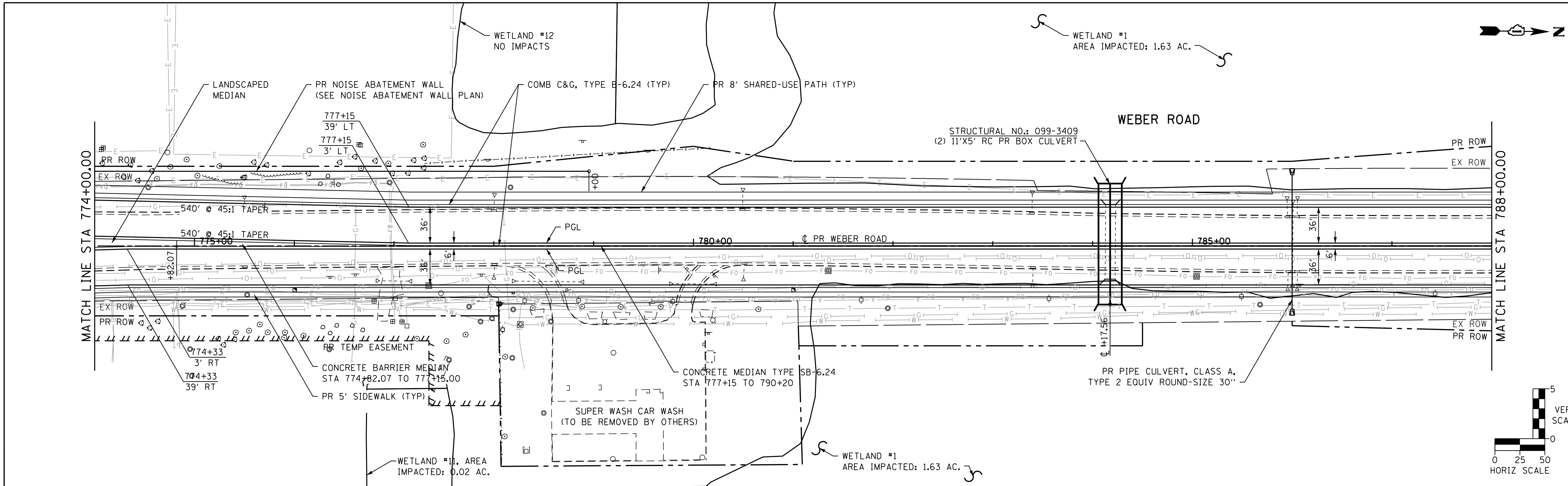
PLAN AND PROFILE
WEBER ROAD

SCALE: 1"=50' | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	62

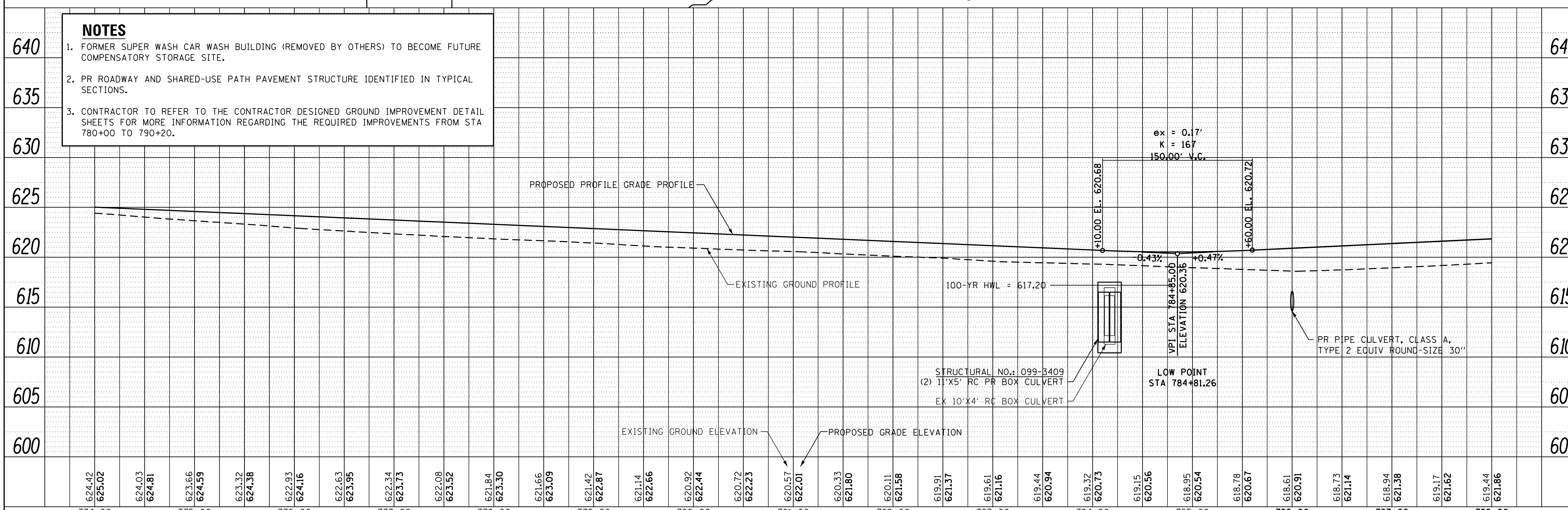
CONTRACT NO. 61D47

ILLINOIS | FED. AID PROJECT



NOTES

1. FORMER SUPER WASH CAR WASH BUILDING (REMOVED BY OTHERS) TO BECOME FUTURE COMPENSATORY STORAGE SITE.
2. PR ROADWAY AND SHARED-USE PATH PAVEMENT STRUCTURE IDENTIFIED IN TYPICAL SECTIONS.
3. CONTRACTOR TO REFER TO THE CONTRACTOR DESIGNED GROUND IMPROVEMENT DETAIL SHEETS FOR MORE INFORMATION REGARDING THE REQUIRED IMPROVEMENTS FROM STA 780+00 TO 790+20.



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHK'D — NOTE BOOK NO. — BY — DATE

FILE NAME = D16@X11-sht-plnpr05.dgn

thomas engineering group — service at the highest grade

USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WEBER ROAD

SCALE: 1"=50' | SHEET 4 OF 7 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	63

CONTRACT NO. 61D47

ILLINOIS FED. AID PROJECT

WETLAND #1
AREA IMPACTED: 1.63 AC.

WEBER ROAD

END CONTRACT 61D47

BEGIN CONTRACT 60X10 (BY OTHERS)

788+54.02
39' LT

788+53.82
3' LT

PR ROW

EX ROW

END PROJECT LIMITS
STA 790+20

MATCH LINE STA 788+00.00

PGL

36'

6'

36'

790+00

℄ PR WEBER ROAD

795+00

800+00

EX ROW

PR ROW

788+53.80
3' RT

788+53.80
39' RT

COMB C&G, TYPE B-6.24

PR 5' SIDEWALK (TYP)

WETLAND #1
AREA IMPACTED: 1.63 AC.

END CONTRACT 61D47

BEGIN CONTRACT 60X10 (BY OTHERS)

NORMANTOWN ROAD

STDS

AC

N

5
VERT SCALE
0

0 25 50
HORIZ SCALE

NOTES

1. CONTRACTOR TO REFER TO THE CONTRACTOR DESIGNED GROUND IMPROVEMENT DETAIL SHEETS FOR MORE INFORMATION REGARDING THE REQUIRED IMPROVEMENTS FROM STA 780+00 TO 790+20.

650 645 640 635 630 625 620 615 610

END CONTRACT 61D47

BEGIN CONTRACT 60X10 (BY OTHERS)

END PROJECT LIMITS
STA 790+20

PROPOSED PROFILE GRADE PROFILE

+0.47%

EXISTING GROUND PROFILE

PROPOSED GRADE ELEVATION

EXISTING GROUND ELEVATION

788+00	789+00	790+00	791+00	792+00	793+00	794+00	795+00	796+00	797+00	798+00	799+00	800+00	801+00
619.44	619.58	619.81	620.10	620.30									
621.86	**622.09**	**622.33**	**622.57**	**622.81**									

SURVEYED
PLOTTED
CROSS CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

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

FILE NAME = D1610X11-sht-plnpr106.dgn

thomas engineering group
service at the highest grade

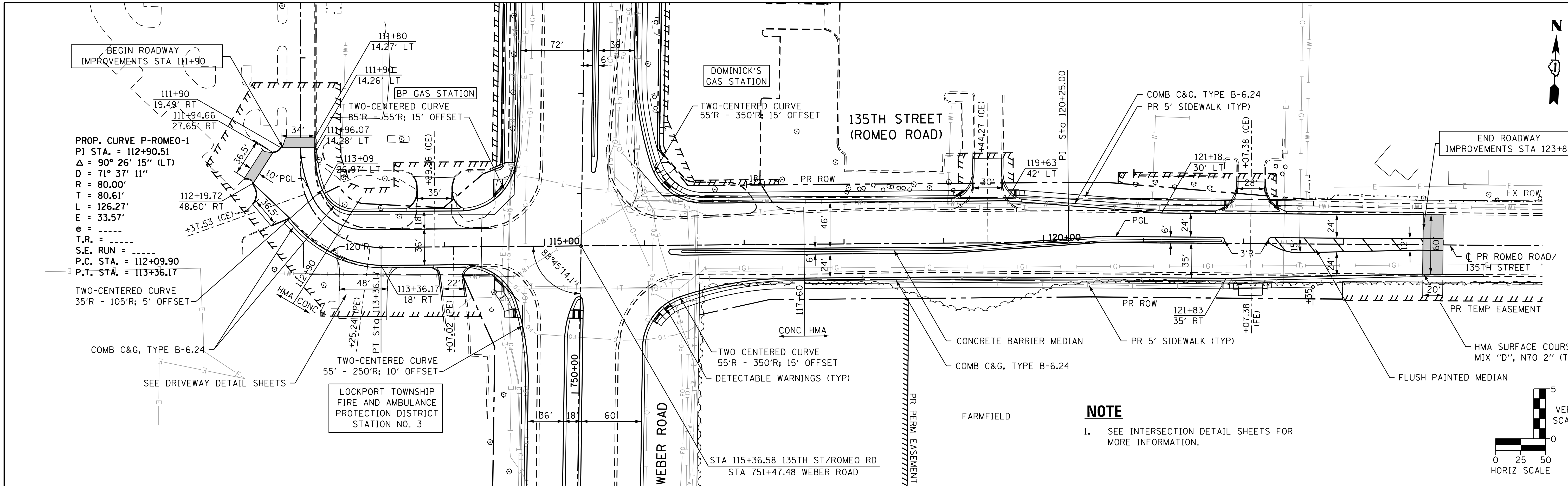
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WEBER ROAD

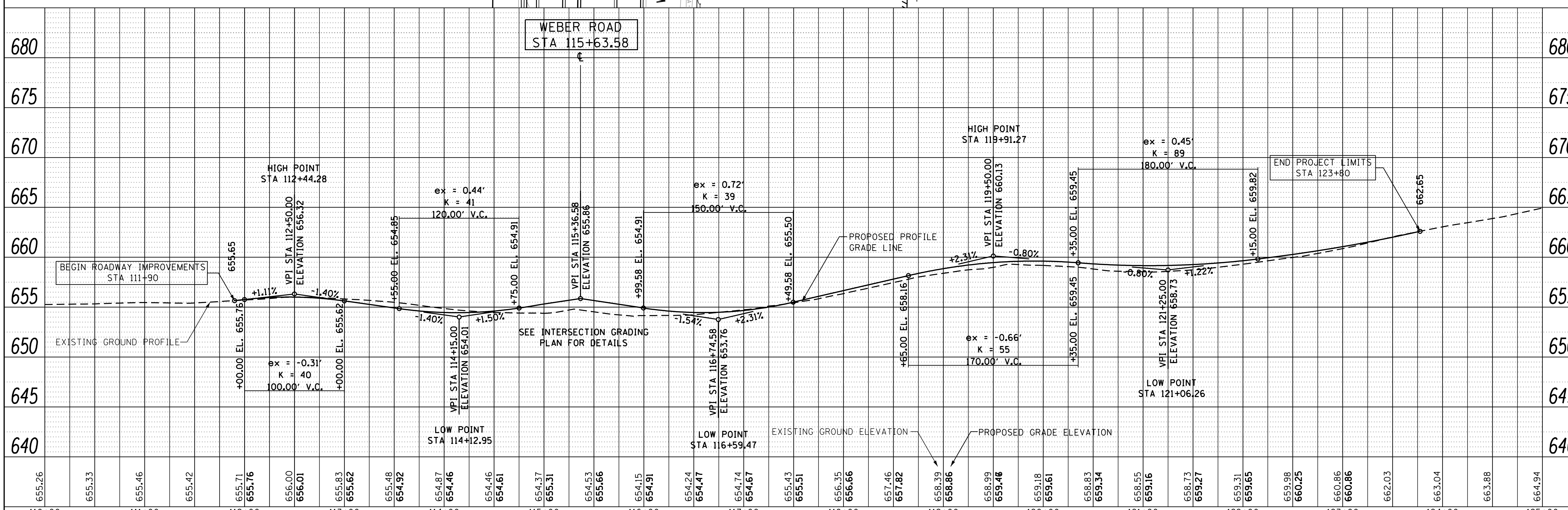
SCALE: 1"=50' | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	64
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		



NOTE

1. SEE INTERSECTION DETAIL SHEETS FOR MORE INFORMATION.



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

PROFILE	SURVEYED	PLOTTED	GRADES CHECKED	B.M. NOTED	STRUCTURE NOTAT'NS CH'KD	NOTE BOOK	NO.	BY	DATE

FILE NAME = D160X11-sht-plnprf07.dgn

thomas engineering group
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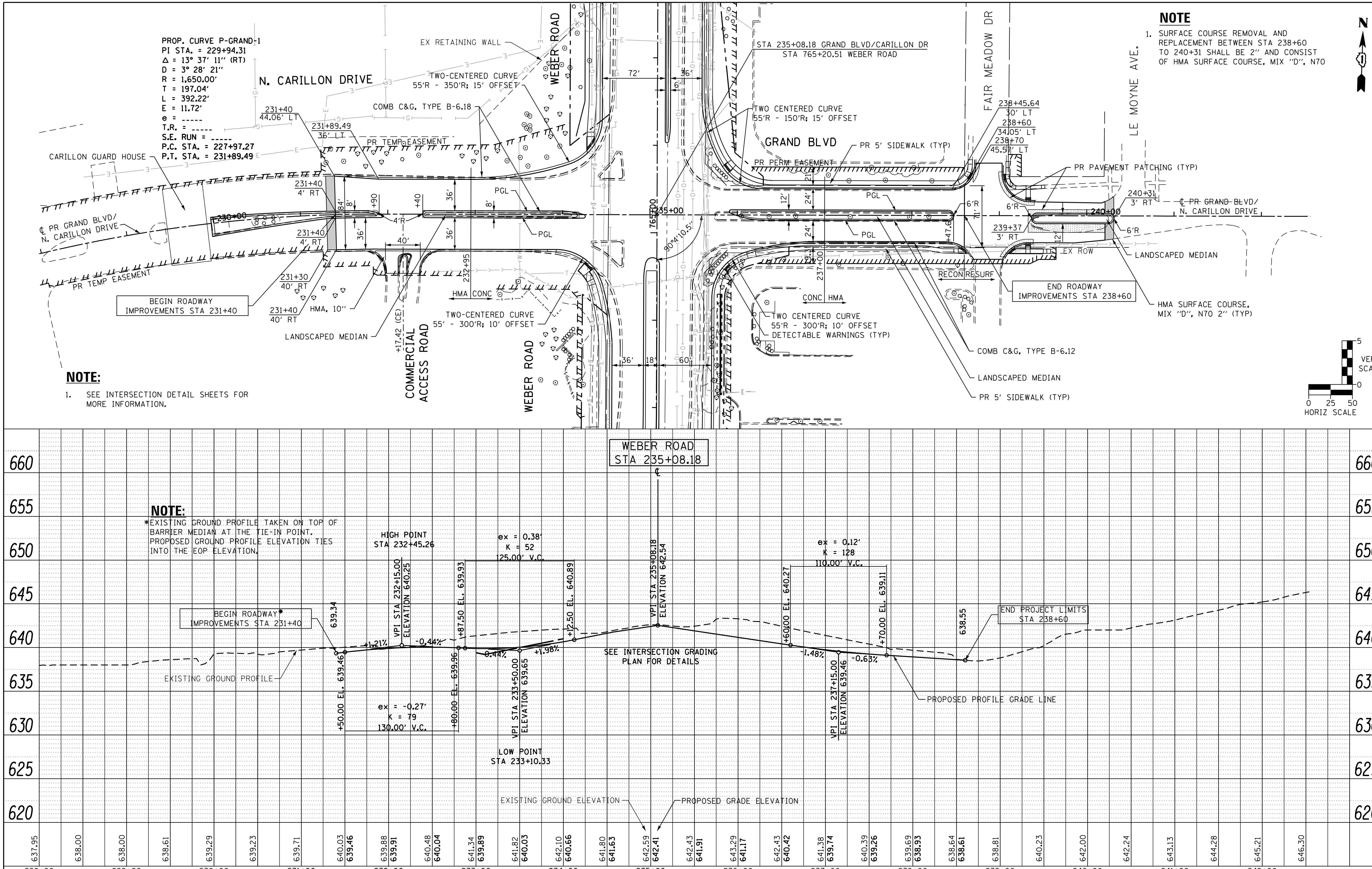
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
135TH STREET/ROMEO ROAD

SCALE: 1''=50' | SHEET 6 OF 7 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	65
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



PLAN	NOTE BOOK	NO.
SURVEYED	PLOTTED	ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME

PROFILE	NOTE BOOK	NO.
SURVEYED	PLOTTED	GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CH'KD

FILE NAME = D160X11-sht-plnprf08.dgn

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USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ′ / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

PLAN AND PROFILE
N. CARILLON DRIVE /GRAND BLVD.

SCALE: 1″=50′ | SHEET 7 OF 7 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	66
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

LEGEND

PRE-STAGE ZONE GROUND IMPROVEMENT AREA
CONTROLLED STIFFNESS COLUMNS
APPROXIMATELY = 26,100 SQ FT

STAGE 1 ZONE GROUND IMPROVEMENT AREA
CONTROLLED STIFFNESS COLUMNS
APPROXIMATELY = 70,600 SQ FT

STAGE 2 ZONE GROUND IMPROVEMENT AREA
CONTROLLED STIFFNESS COLUMNS
APPROXIMATELY = 27,000 SQ FT

TOTAL AREA APPROXIMATELY = 123,700 SQ FT

UNDERGOUND COMED TO BE RELOCATED BY OTHERS

PROPOSED DRAINAGE AND UTILITY IMPROVEMENTS SHOWN FOR CONTRACTOR CONSIDERATION FOR COLUMN LOCATION AND SPACING DESIGN

778

779

MATCH LINE STA 780+00.00

RETIRED ONEOK OIL LINE TO BE REMOVED BY OTHERS

RETIRED KINDER MORGAN 24" OIL LINE TO BE REMOVED BY OTHERS

IDOT FIBER OPTIC LINE TO BE REMOVED

ONEOK OIL LINE TO BE REMOVED BY OTHERS

AT&T FIBER OPTIC LINE TO BE RELOCATED BY OTHERS

AT&T TELEPHONE LINE TO BE RELOCATED BY OTHERS

COMED LINE TO BE RELOCATED BY OTHERS

COMED AERIAL LINES REMOVED BY OTHERS

VILLAGE OF ROMEOVILLE 18" SANITARY SEWER TO BE RELOCATED

VILLAGE OF ROMEOVILLE 16" WATER MAIN TO REMAIN ACTIVE

VILLAGE OF ROMEOVILLE PROPOSED 18" SANITARY SEWER

NICOR 8" GAS MAIN TO BE REMOVED AND REPLACED BY OTHERS

N

0 25 50 100

HORIZONTAL SCALE IN FEET

FILE NAME = D1601l-sht-cdgpl.dgn

thomas engineering group
service of the highest grade

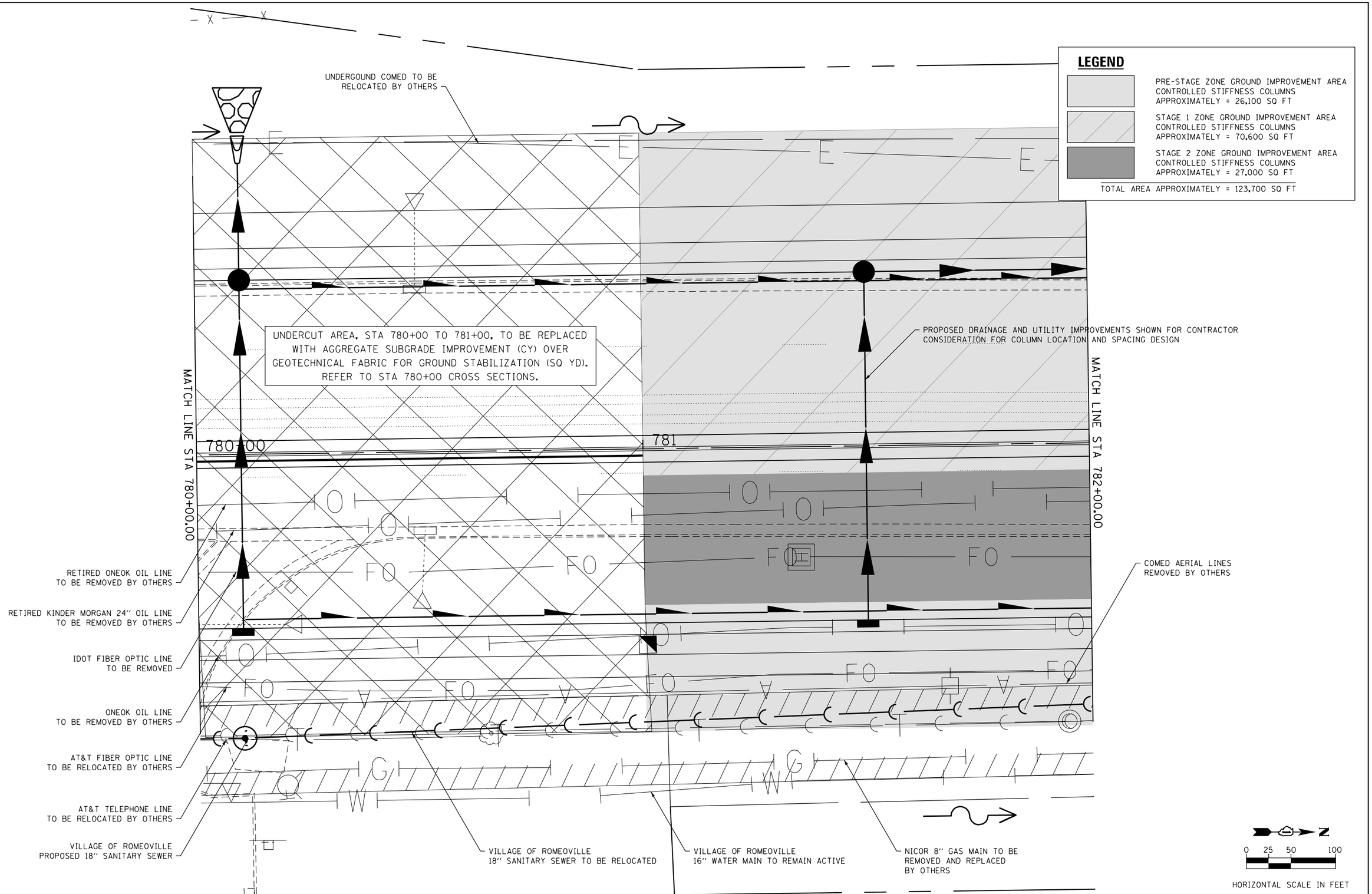
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 20.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
WEBER ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	67
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



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thomas engineering group
service at the highest grade

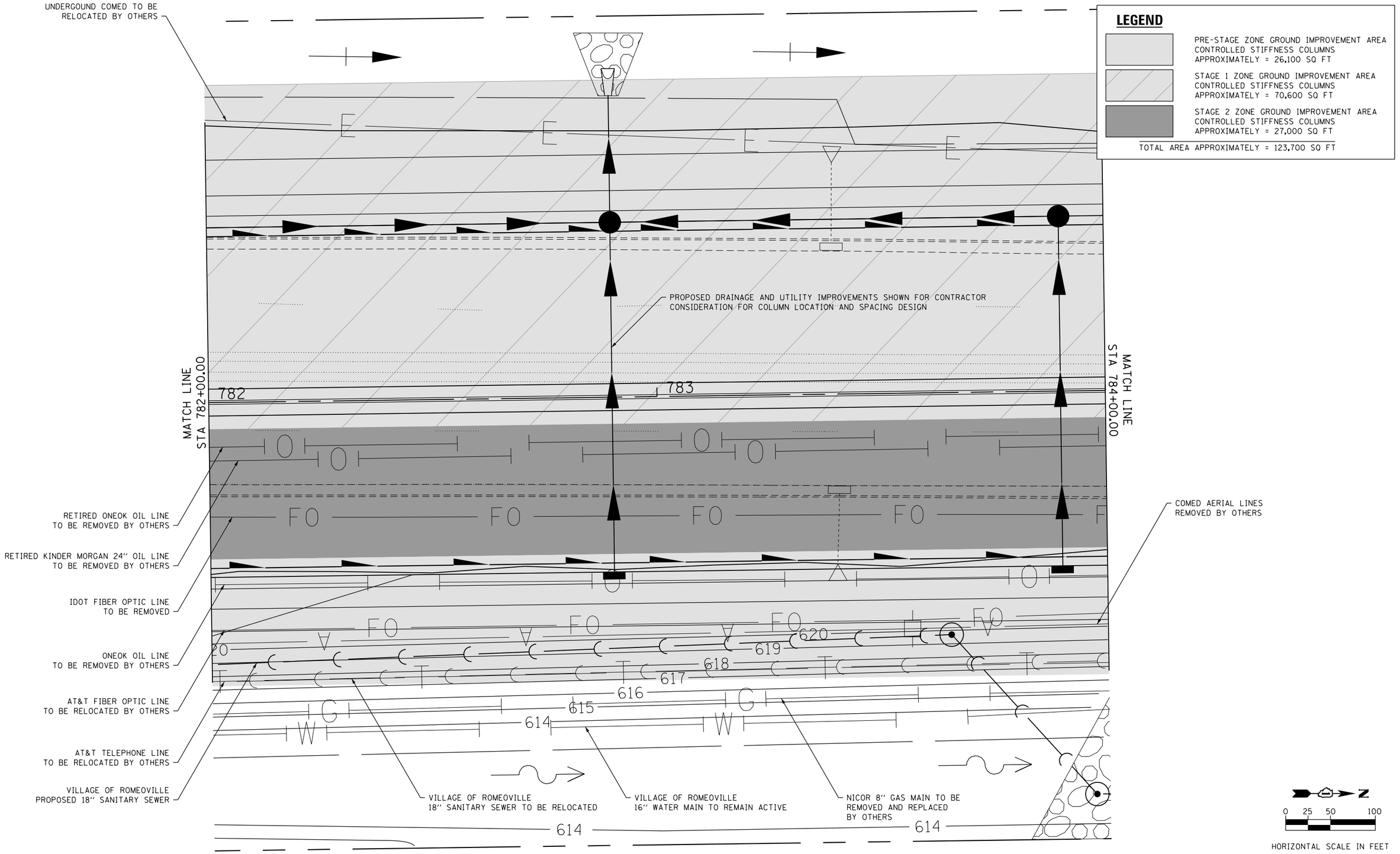
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 20.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
WEBER ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	68
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



FILE NAME = D160X11-sht-cdgn3.dgn

thomas engineering group
service of the highest grade

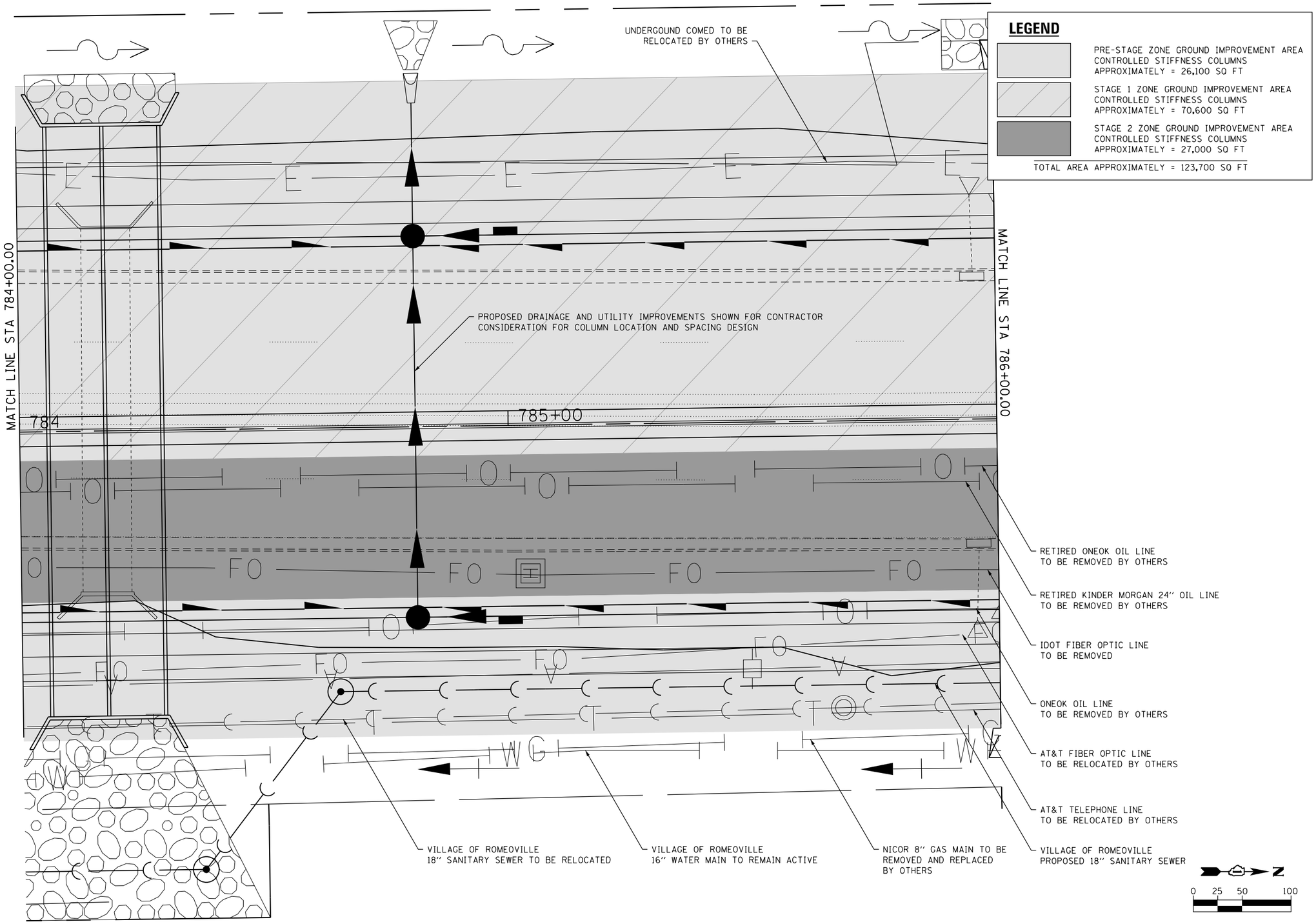
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 20.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
WEBER ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	69
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



FILE NAME = D1680X11-sht-cdgip4.dgn

thomas engineering group service at the highest grade®

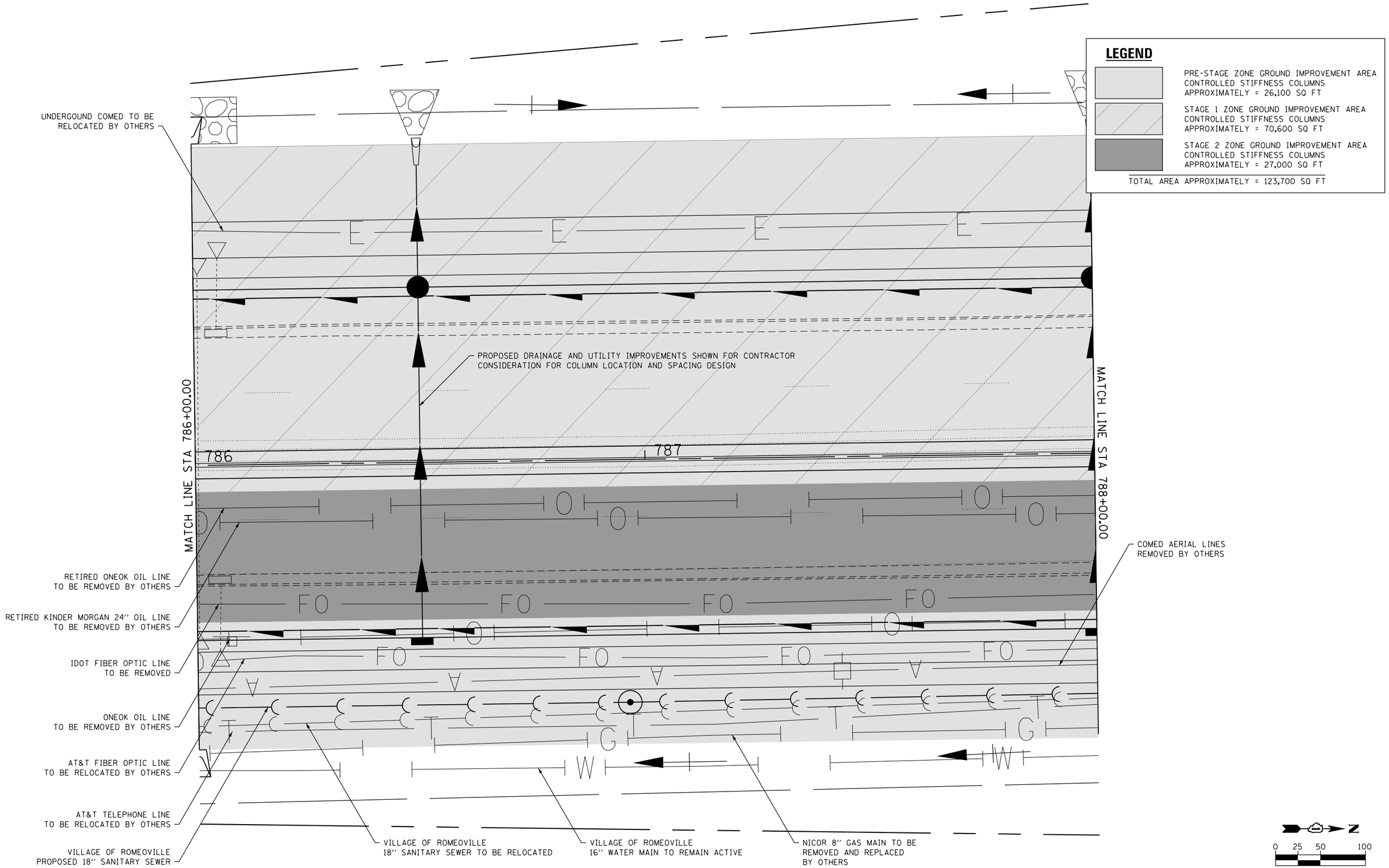
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 20.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
WEBER ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	70
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



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thomas engineering group
service at the highest grade

USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 20.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
WEBER ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	71
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

END 61D47 | BEGIN 60X10

LEGEND

- PRE-STAGE ZONE GROUND IMPROVEMENT AREA CONTROLLED STIFFNESS COLUMNS APPROXIMATELY = 26,100 SQ FT
- STAGE 1 ZONE GROUND IMPROVEMENT AREA CONTROLLED STIFFNESS COLUMNS APPROXIMATELY = 70,600 SQ FT
- STAGE 2 ZONE GROUND IMPROVEMENT AREA CONTROLLED STIFFNESS COLUMNS APPROXIMATELY = 27,000 SQ FT

TOTAL AREA APPROXIMATELY = 123,700 SQ FT

UNDERGOUND COMED TO BE RELOCATED BY OTHERS

PROPOSED DRAINAGE AND UTILITY IMPROVEMENTS SHOWN FOR CONTRACTOR CONSIDERATION FOR COLUMN LOCATION AND SPACING DESIGN

MATCH LINE STA 788+00.00

788

789

790+00

END CONTRACT 61D47 / BEGIN CONTRACT 60X10 (BY OTHERS) STA 790+20

RETIRED ONEOK OIL LINE TO BE REMOVED BY OTHERS

RETIRED KINDER MORGAN 24" OIL LINE TO BE REMOVED BY OTHERS

IDOT FIBER OPTIC LINE TO BE REMOVED

ONEOK OIL LINE TO BE REMOVED BY OTHERS

AT&T FIBER OPTIC LINE TO BE RELOCATED BY OTHERS

AT&T TELEPHONE LINE TO BE RELOCATED BY OTHERS

COMED AERIAL LINES REMOVED BY OTHERS

VILLAGE OF ROMEOVILLE 18" SANITARY SEWER TO BE RELOCATED

VILLAGE OF ROMEOVILLE 16" WATER MAIN TO REMAIN ACTIVE

NICOR 8" GAS MAIN TO BE REMOVED AND REPLACED BY OTHERS

VILLAGE OF ROMEOVILLE PROPOSED 18" SANITARY SEWER

N

0 25 50 100

HORIZONTAL SCALE IN FEET

FILE NAME = D160X11-sht-cdgp06.dgn

thomas engineering group service at the highest grade

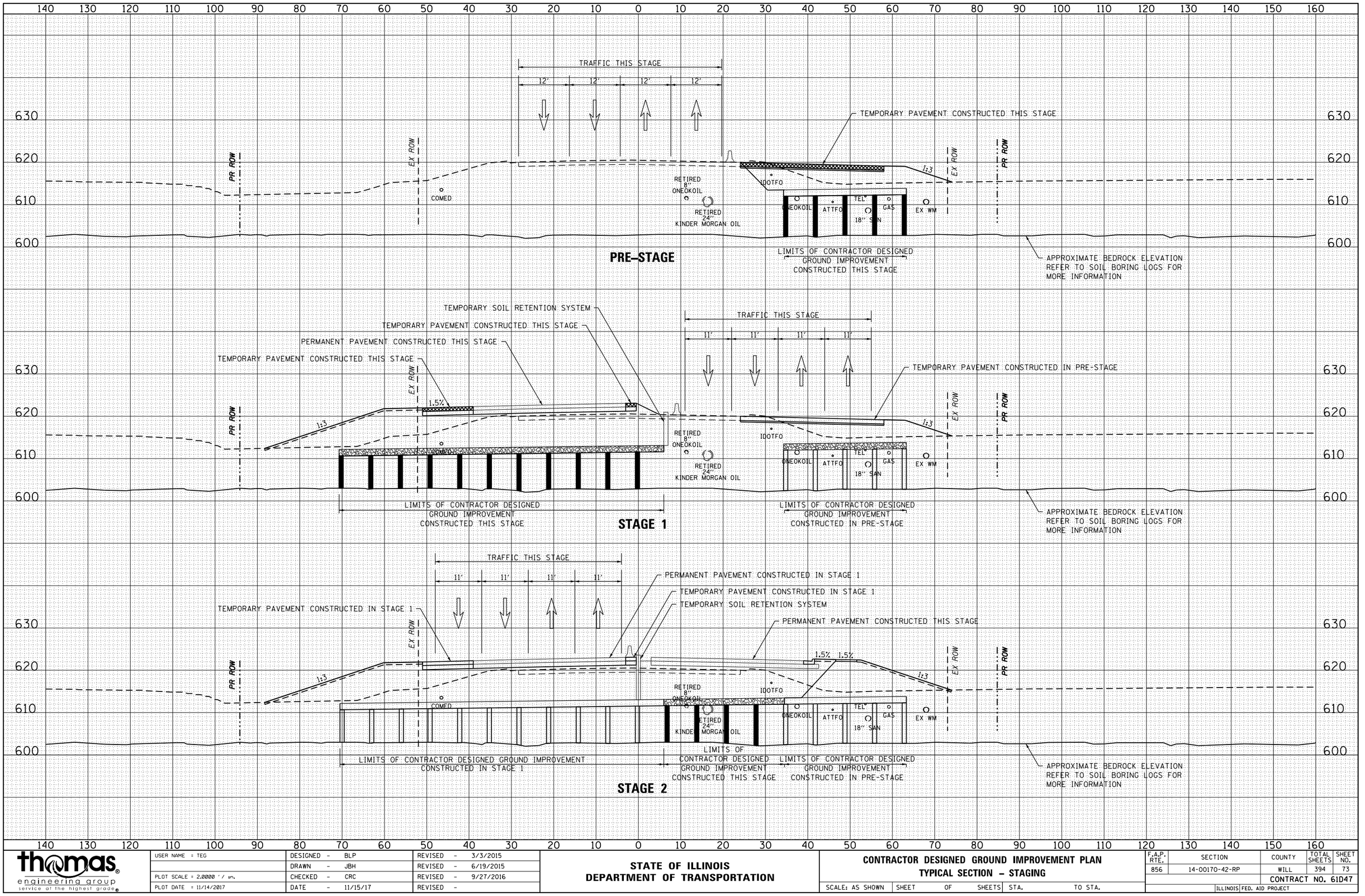
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 20.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
WEBER ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	72
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TEMPLATE				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TEMPLATE				
AREAS				
AREAS CHECKED				

FILE NAME = D160X11-sht-cdgip-detail2.dgn

thomas engineering group
service at the highest grade

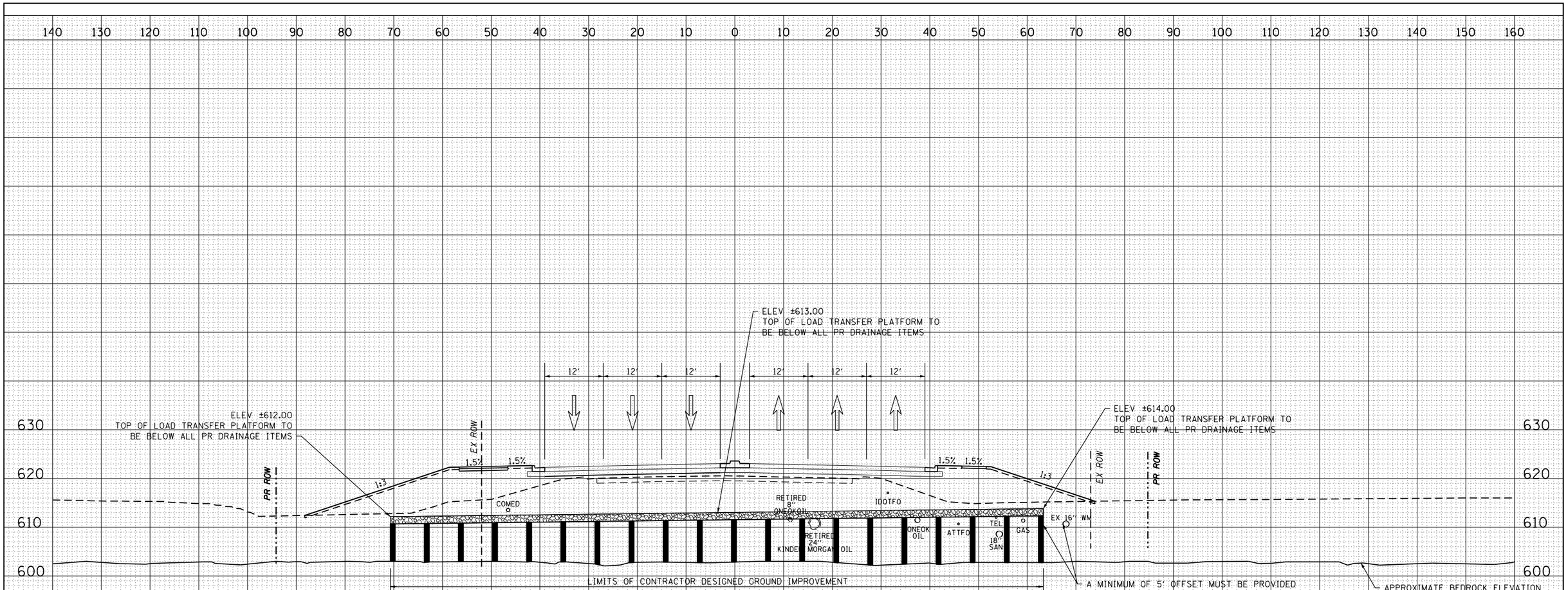
USER NAME = TEG	DESIGNED - BLP	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 2.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
TYPICAL SECTION - STAGING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	73
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		



FINAL CONDITION

STATION 781+00 TO 790+20

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	BY	
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED	DATE	

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	BY	
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED	DATE	

FILE NAME = D180X11-sht-cdgip-detail.dgn

thomas engineering group
service at the highest grade

USER NAME = TEG	DESIGNED - BLP	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 2.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
TYPICAL SECTION – FINAL CONDITION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	74
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

Illinois Department of Transportation
Division of Highways
Millennia Professional Services

SOIL BORING LOG

Page 1 of 1

Date 5/20/15

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller

SECTION LOCATION , SEC. , TWP. , RNG. , Latitude , Longitude

COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. C-2
Station 783+78
Offset 0.6 ft Right
Ground Surface Elev. 619.20 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 611.2 ft
Upon Completion 609.2 ft
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
HMA Pavement 8"	618.40			
Brown Sandy Gravel, Fill		13		6
		25		5
	616.20	33		
Gray Crushed Stone, Fill		13		
	-5	15		2
	613.70	20		
Brown Sandy Gravel, Fill		19		
		13		8
	611.20	15		
Brown Organic Silt Organic Content= 4.5%		0		
		0	0.9 B	50
	-10	1		
	608.70			
Gray Silty Clay		1		
		2	0.6 B	21
		3		
		2		
	-15	4	1.0 D	23
		4		
		6		
		8	0.6 B	17
	601.70	12		
Sand Seam	601.20			
Gray Fractured Dolomitic Limestone	600.30	80		
End of Boring		50/4"		4
	-20			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Millennia Professional Services

SOIL BORING LOG

Page 1 of 1

Date 5/21/15

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller

SECTION LOCATION , SEC. , TWP. , RNG. , Latitude , Longitude

COUNTY Will DRILLING METHOD Flight Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. C-3
Station 783+86
Offset -73.4 ft Left
Ground Surface Elev. 614.80 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 609.8 ft
Upon Completion 613.8 ft
After 24 Hrs. 614.3 ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Clay, A-7-6		2		54
		3		52
	611.80	3		
Brown and Black Organic Silt, A-4		0		
	-5	0	0.1 B	93
	609.30	1		
Gray Silty Loam, A-4		0		
		0	0.7 B	24
		1		
		0		
	-10	1	0.6 B	25
		2		
		0		
		1	0.1 B	31
	601.80	2		
Gray Gravelly Sand, A-1-a		7		
	-15	10		12
	599.30	9		
Auger Refusal at 15.5				
End of Boring				
	-20			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Millennia Professional Services

SOIL BORING LOG

Page 1 of 1

Date 5/19/15

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller

SECTION LOCATION , SEC. , TWP. , RNG. , Latitude , Longitude

COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. C-4
Station 784+43
Offset 33.0 ft Right
Ground Surface Elev. 617.90 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 608.9 ft
Upon Completion 611.9 ft
After 24 Hrs. 616.9 ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay, Fill	616.90			
		5		37
Black and Dark Brown Silty Clay with Sand, Fill		3		23
		5		
		4		
	-5	6		18
		7		
		0		
		1		20
	609.90	1		
Gray Silty Loam		0		
	-10	1		18
		2		
		1		
		2	0.6 B	17
	603.90	4		
Sand Sean at 14'		1		
	-15	2	0.2 D	16
		1		
		17		
		52	1.7 B	
	599.90	50 - 2"		
Auger Refusal End of Boring				
	-20			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

FILE NAME = D:\60X11-sht-cdgp-blog.dgn

thomas engineering group
service at the highest grade

USER NAME = TEG	DESIGNED -	REVISED -	3/3/2015
	DRAWN -	REVISED -	6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -	9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
SOIL BORING LOGS

SCALE: NTS | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	75
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

Illinois Department of Transportation

Division of Highways
Millennia Professional Services

SOIL BORING LOG

Page 1 of 1

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller
Date 5/21/15

SECTION LOCATION , SEC. , TWP. , RNG. ,
Latitude , Longitude

COUNTY Will DRILLING METHOD Flight Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. C-6
Station 784+66
Offset -77.2 ft Left
Ground Surface Elev. 614.20 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 611.2 ft
Upon Completion ft
After 24 Hrs. 613.7 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay			
	1		69
	1		
611.20	1		53
Brown Gray Organic Silt, A-4			
	0		
-5	0	0.2 B	72
608.70	0		
Brown Gray Silty Loam, A-4			
	1		
	2		
	3	0.8 B	26
	2		
-10	3	0.9 B	25
	0		
601.70	0	0.2 B	35
Gray Fractured Dolomitic Limestone	0		
	0		7
	0		
	7		
-15	11		4
	10		
	6		
	8		14
	13		
	21		
	19		11
-20	21		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
593.70			
Gray Clay	2		
	2	0.6 B	31
591.20	2		
Gray Fractured Dolomitic Rock			
590.20	17		
590.10 Spoon Refusal	100/2"		10
End of Boring			
-25			
-30			
-35			
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation

Division of Highways
Millennia Professional Services

SOIL BORING LOG

Page 1 of 1

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller
Date 5/20/15

SECTION LOCATION , SEC. , TWP. , RNG. ,
Latitude , Longitude

COUNTY Will DRILLING METHOD Flight Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. C-5
Station 784+47
Offset 2.1 ft Right
Ground Surface Elev. 618.90 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 610.9 ft
Upon Completion 615.9 ft
After 24 Hrs. 614.9 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
HMA Pavement 12.0"			
617.90	16		4
Brown Sandy Gravel, Fill A-1-a	20		
	32		5
	25		
-5	25		5
	11		
	13		
610.90	26		7
Dark Gray Silty Loam, A-4	18		
	0		
-10	0	0.8 B	61
608.40	2		
Shells below 10.5'	2		
	3	1.1 B	25
	4		
605.90			
Gray Silty Clay Loam, A-6	2		
	3	2.1 D	24
-15	4		
	4		
	6	2.4 B	21
	9		
600.90			
Brown Sandy Gravel	13		
	43		9
-20	22		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
598.40			
Gray Fracture Dolomitic Limestone	18		
Auger Refusal at 22.0 ft. 596.90	50/0		13
End of Boring	Auger Refusal		
-25			
-30			
-35			
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation

Division of Highways
Millennia Professional Services

SOIL BORING LOG

Page 1 of 1

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller
Date 5/21/15

SECTION 2013-052WRS LOCATION , SEC. , TWP. , RNG. ,
Latitude , Longitude

COUNTY Will DRILLING METHOD Flight Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. W-5
Station 782+08
Offset 60.2 ft Left
Ground Surface Elev. 615.30 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 612.3 ft
Upon Completion 613.8 ft
After 24 Hrs. 614.8 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay, Root Mat, A-6			
614.30	3		16
Black Silty Clay, A-6	3	0.4 B	23
	4		
612.30			
Gray Silty Clay, Little Sand, A-6	1		
	1	0.4 B	31
-5	3		
609.30			
Sand Seam at 6'	0		
	0		19
607.30	2		
Gray Silty Loam	4		
	6	0.4 B	16
-10	8		
	4		
	6	5.0 S	20
602.30	10		
Gray Weathered Dolomitic Limestone 601.70	100/1"		
End of Boring			21
-15			
-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-25			
-30			
-35			
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, form 137 (Rev. 8-99)

FILE NAME = D160X11-sht-cdgap-blog.dgn

thomas engineering group
service of the highest grade

USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
SOIL BORING LOGS

SCALE: NTS | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	76
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
Millennia Professional Services

SOIL BORING LOG

Page 1 of 1

Date 5/21/15

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller

SECTION 2013-052WRS LOCATION , SEC. , TWP. , RNG. , Latitude , Longitude

COUNTY Will DRILLING METHOD Flight Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. W-9
Station 785+85
Offset 57.3 ft Left
Ground Surface Elev. 614.20 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 602.9 ft ▼
Upon Completion ft
After 24 Hrs. 603.2 ft ▽

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay, Root Mat 613.20			221
Black Silty Clay Loam, A-7-6	0		
610.70	2 2		161
Gray Silt with Shells, A-4	WOH		
-5		0.1 P	88
	0		
	2 2	0.2 B	23
	0		
-10	2 3	0.2 B	24
602.90 ▽ 602.80	100/5"		
Gray Weathered Dolomitic Limestone		0.1 P	29
End of Boring			3
-15			
-20			
-25			
-30			
-35			
-40			

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Millennia Professional Services

SOIL BORING LOG

Page 1 of 1

Date 5/19/15

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller

SECTION 2013-052WRS LOCATION , SEC. , TWP. , RNG. , Latitude , Longitude

COUNTY Will DRILLING METHOD Flight Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. W-11
Station 786+38
Offset 33.6 ft Right
Ground Surface Elev. 618.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 610.0 ft ▼
Upon Completion 603.0 ft ▽
After 24 Hrs. 615.0 ft ▽

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay, Fill, A-7-6 617.00			22
Brown below 1'	4		
	3 3		18
615.00 ▽			
Dark Brown Silty Clay, A-6	2		
	2 2		35
612.50			
Black Clay, A-7-5	2		
	2 3		33
610.00 ▼			
Gray Silt with Shells, A-4	0		
-10	2 2	0.5 P	62
	0		
	2 2	0.5 P	25
	0		
	1 2		32
603.00 ▽ -15			
End of Boring			
-20			
-25			
-30			
-35			
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
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SOIL BORING LOG

Page 1 of 1

Date 5/21/15

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Muller

SECTION 2013-052WRS LOCATION , SEC. , TWP. , RNG. , Latitude , Longitude

COUNTY Will DRILLING METHOD Flight Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. W-12
Station 787+07
Offset 49.0 ft Left
Ground Surface Elev. 614.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 610.0 ft ▼
Upon Completion 603.0 ft ▽
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Clay, Root Mat, A-7-6 613.00			110
Black Clay, A-7-6	0		
611.00	2 2		111
Dark Brown Peat, A-8 ▼	0		
-5	0 0		246
608.50			
Gray Silt with Shells, A-4	2		
	3 2	1.5 S	22
	2		
-10	2 3	1.3 B	24
603.50			
Gray Weathered Dolomitic Limestone 602.90 ▽	100/1"		4
End of Boring			
-15			
-20			
-25			
-30			
-35			
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
SOIL BORING LOGS

SCALE: NTS | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	77
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

Illinois Department of Transportation
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SOIL BORING LOG

Page 1 of 1

Date 5/21/15

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller

SECTION 2013-052WRS LOCATION , SEC. , TWP. , RNG. , Latitude , Longitude

COUNTY Will DRILLING METHOD Flight Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. W-13
Station 788+16
Offset 48.8 ft Left
Ground Surface Elev. 614.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 602.0 ft
Upon Completion 602.0 ft
After 24 Hrs. 613.0 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay, Root Mat, A-7-6			
613.00			70
Black Silty Clay, A-7-6	0		
	0		69
	2		
611.00			
Gray Organic Silt with Shells Organic Content: 4.2%	0		
-5	0		51
	0		
607.50	1		
Gray Silt	2		
	3	0.4 B	25
	2		
-10	2	0.6 B	25
603.50	3		
Gray Silty Clay, A-4	4	2.7 B	23
Auger Refusal @ 12.4 601.60	50/5"		
End of Boring			5
-15			
-20			
-25			
-30			
-35			
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Date 5/21/15

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller

SECTION 2013-052WRS LOCATION , SEC. , TWP. , RNG. , Latitude , Longitude

COUNTY Will DRILLING METHOD Flight Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. W-16
Station 789+77
Offset 54.4 ft Left
Ground Surface Elev. 614.90 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 610.9 ft
Upon Completion 611.9 ft
After 24 Hrs. 614.4 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silt, Root Mat, A-7-6			
613.90			69
Black Silt, A-7-6	1		
	2		39
	2		
611.90			
Brown Gray Silt, A-4	0		
-5	0	0.2 B	46
609.40			
Gray Silty Clay Loam, A-4	1		
	2		
	3	0.9 B	33
	2		
-10	2	0.8 B	23
604.40	3		
Gray Weathered Dolomitic Limestone 603.80	100/1"		
End of Boring			11
-15			
-20			
-25			
-30			
-35			
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, form 137 (Rev. 8-99)

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SOIL BORING LOG

Page 1 of 1

Date 5/19/15

ROUTE Weber Rd. DESCRIPTION LOGGED BY E. Mueller

SECTION 2013-052WRS LOCATION , SEC. , TWP. , RNG. , Latitude , Longitude

COUNTY Will DRILLING METHOD Flight Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. W-17
Station 789+85
Offset 30.4 ft Right
Ground Surface Elev. 619.40 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 611.4 ft
Upon Completion 605.4 ft
After 24 Hrs. 611.4 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black Silty Clay, Fill			
618.40			33
Brown and Gray Sandy Gravel, Fill, A-1-a	6		
	5		9
	4		
	3		
-5	3		5
	3		
	1		
	2		
611.40	3		11
Gray Silty Clay Loam, A-4	0		
609.40 -10	1		67
	2		
Gray Silty Clay Loam, A-6	1		
	2	0.4 B	23
606.90	3		
Gray Silty Clay Loam, A-4	0		
	1	0.3 B	25
604.40 -15	2		
End of Boring			
-20			
-25			
-30			
-35			
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACTOR DESIGNED GROUND IMPROVEMENT PLAN
SOIL BORING LOGS

SCALE: NTS | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	78
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

MAINTENANCE OF TRAFFIC – GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TWO THROUGH TRAFFIC LANES IN EACH DIRECTION ON WEBER ROAD EXCEPT AS OTHERWISE INDICATED ON THE PLANS. OFF-PEAK PERIOD LANE CLOSURES WILL BE ALLOWED FOR CONSTRUCTION ACTIVITY ONLY AS APPROVED BY THE ENGINEER.

2. THE CONTRACTOR SHALL PROVIDE ALL SIGNS, VERTICAL PANELS, TYPE III BARRICADES, CHANNELIZATION DRUMS, TYPE II BARRICADES, ALL TEMPORARY CONCRETE BARRIERS, AND PROTECTION NECESSARY FOR WORK ZONE TRAFFIC CONTROL AND PROTECTION, OR AS DIRECTED BY THE ENGINEER.

3. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS, AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION DURING THE DURATION OF THE PROJECT.

4. THE CONTRACTOR SHALL MAINTAIN DRIVEWAY, FIELD, COMMERCIAL, PRIVATE ENTRANCES, AND SIDE ROAD ACCESS AT ALL TIMES DURING CONSTRUCTION AND/OR WHERE DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE) AND TEMPORARY ACCESS (COMMERCIAL ENTRANCE). EACH DRIVEWAY, FIELD, COMMERCIAL, PRIVATE ENTRANCE, AND SIDE ROAD SHALL ONLY BE MEASURED FOR PAYMENT ONCE. DURING THE WINTER MONTHS THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN TEMPORARY ACCESS COMPOSED OF A HOT-MIX ASPHALT SURFACE OVER PREVIOUSLY INSTALLED AGGREGATE TEMPORARY ACCESS. THIS WORK WILL BE PAID FOR SEPARATELY AND SHALL BE IN ACCORDANCE WITH TEMPORARY ACCESS (WINTERIZE). SEE IDOT DISTRICT 1 DETAIL TC-26 FOR TEMPORARY INFORMATION SIGNING REQUIREMENTS AT DRIVEWAYS. IN ADDITION, THE LOCKPORT TOWNSHIP FIRE HOUSE ACCESS MUST BE MAINTAINED AT ALL TIMES. REFER TO PAGE 80 FOR DRIVEWAY CONSTRUCTION SEQUENCING OF TOWNSHIP FIRE HOUSE DRIVEWAY.

5. THE CONTRACTOR SHALL COORDINATE PLACEMENT OF TRAFFIC SIGNS, TRAFFIC CONTROL DEVICES AND TRAFFIC LANE LOCATIONS WITH ADJACENT CONTRACT 60X10 OR AS DIRECTED BY THE ENGINEER.

6. ALL TYPE II BARRICADES, DRUMS, AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS ON MULTI-LANE ROADWAYS. WHILE BIDIRECTIONAL LIGHTS ARE REQUIRED ON ALL TWO-LANE ROADWAYS.

7. TEMPORARY CONCRETE BARRIER SHALL BE EQUIPPED WITH TYPE "C" REFLECTORS, IN ACCORDANCE WITH HIGHWAY STANDARD 782006 AT 25' CENTERS.

8. ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.

9. ALL CONSTRUCTION WARNING SIGN DIMENSIONS SHALL BE 48" X 48".

10. ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS SHALL BE EQUIPPED WITH HIGH INTENSITY FLASHING LIGHTS.

11. THE CONTRACTOR SHALL INSTALL AND COVER ALL TEMPORARY SIGNING BEFORE EXISTING SIGNS ARE REMOVED. THE CONTRACTOR SHALL RELOCATE EXISTING SIGNS IN CONFLICT WITH STAGING. ALL EXISTING GUIDE SIGNS (I.E. STREET NAME SIGNS, ADVANCE STREET NAME SIGNS, ETC.) SHALL BE MAINTAINED AND VISIBLE TO TRAFFIC DURING CONSTRUCTION.

12. THE CONTRACTOR SHALL INSTALL AND COVER ALL PERMANENT SIGNING BEFORE TEMPORARY SIGNS ARE REMOVED.

13. DIRECTION INDICATOR BARRICADES SHALL BE USED AT LANE CLOSURE TAPER LOCATIONS OR AS DIRECTED BY THE ENGINEER.

14. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL BACKFILL OR COVER ALL TRENCHES AND OPEN EXCAVATION HOLES FOR TEMPORARY PAVEMENT, PROPOSED PAVEMENT, TEMPORARY DITCHES, PROPOSED STORM SEWER, DRAINAGE STRUCTURES, AND WATER MAINS IN ORDER TO PROVIDE SAFE CONDITION FOR MOTORISTS AND THE PUBLIC DURING NON-WORKING HOURS. THE CONSTRUCTION OF THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION (SPECIAL).

15. TEMPORARY PAVEMENT MARKING 4" DOUBLE YELLOW LINE SHALL BE INSTALLED TO DELINEATE THE LEFT TRAVEL EDGE OF PAVEMENT AFTER TEMPORARY PAVEMENT HAS BEEN CONSTRUCTED IN EXISTING RAISED MEDIANS IN PRE-STAGE.

16. EXCAVATION AND PAVEMENT WIDENING ON BOTH SIDES OF THE PAVEMENT AT ANY ONE LOCATION AT THE SAME TIME WILL NOT BE PERMITTED PER ARTICLE 701.08 OF THE IDOT SPECS.

17. PORTABLE/CHANGEABLE ELECTRONIC MESSAGE SIGNS SHALL BE USED IN ADVANCE OF THE PROJECT ACCORDING TO IDOT STANDARDS AND SHALL BE IN PLACE A MINIMUM OF 7 DAYS PRIOR TO COMMENCING THE WORK AND REMAIN THROUGHOUT THE ROADWAY CONSTRUCTION WORK (PRE-STAGE):
    - SEQUENCE #1: ROAD CONST BEGINS XX/XX
    - SEQUENCE #2: EXPECT DELAYS

18. DURING CONSTRUCTION ALL SEMI-VEHICLES ARE TO USE TWO COMMERCIAL ENTRANCES (A) CE NEAR WALGREENS ON WEBER ROAD AND (B) CE BEHIND THE COMMERCIAL BUSINESSES ON THE EAST LEG OF 135TH STREET / ROMEO ROAD. ADVANCED SIGNING WILL BE PLACED AS SHOWN ON THE STAGING SHEETS.

19. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TEMPORARILY RESET ALL SUCH SIGNS DURING ALL STAGES OF CONSTRUCTION. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL). ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING:
    A. SIGNS SHALL NOT BE REMOVED UNTIL NECESSITATED BY THE PROGRESS OF THE WORK.
    B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
    C. ALL SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.

20. CONTRACTOR IS TO INFORM MR. HARRY TIEGE AND MR. ERIC BJORK 72 HOURS PRIOR TO ANY STAGING CHANGES.
    A. MR. HARRY TEIGE
       MAINTENANCE DIRECTOR AT THE CARILLON ADULT MASTER ASSOCIATION
       BUSINESS PHONE: (815) 866-6767; MOBILE PHONE: (815) 693-3766.
    B. MR. ERIC BJORK
       VILLAGE OF ROMEOVILLE DIRECTOR OF PUBLIC WORKS
       BUSINESS PHONE: (815) 886-1870

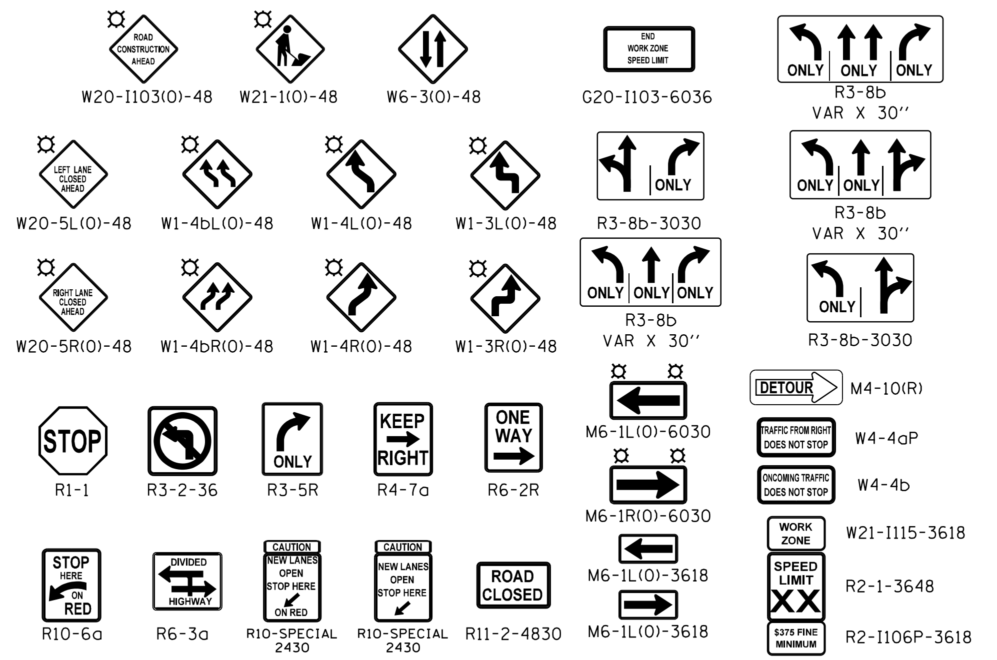
21. REMOVAL OF EX PAVEMENT MARKINGS ON EX PAVEMENT TO EVENTUALLY BE REMOVED SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL - GRINDING. REMOVAL OF EX PAVEMENT MARKINGS ON EXISTING PAVEMENT TO REMAIN SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL - WATER BLASTING. REMOVAL OF TEMPORARY PAVEMENT MARKING TAPE, TYPE IV SHALL BE PAID FOR AS TEMPORARY PAVEMENT MARKING REMOVAL.

22. THE CONTRACTOR SHALL USE, DURING ALL WINTER STAGING MONTHS, PERMANENT PAVEMENT MARKINGS. THE PERMANENT PAVEMENT MARKING MATERIAL SHALL BE APPROVED BY THE ENGINEER. PERMANENT PAVEMENT MARKING REMOVAL ON NEW OR EXISTING PAVEMENT OR TEMPORARY PAVEMENT TO REMAIN SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL - WATER BLASTING. REFER TO SCHEDULES FOR QUANTITY BREAKDOWN OF WINTER PAVEMENT MARKINGS.

23. PRE-STAGE WORKS INCLUDES THE REMOVAL OF EXISTING WATER MAIN, INSTALLATION OF PROPOSED WATER MAIN AND DRAINAGE STORM SEWER AND STRUCTURES. ANY PAVEMENT SHALL BE REPLACED AND WILL BE PAID FOR A CLASS D PATCHES, TYPE IV, 13 INCH.

24. DUE TO STAGING/MAINTENANCE OF TRAFFIC, TEMPORARY PAVEMENT WILL BE PLACED DIRECTLY ADJACENT TO THE PROPOSED EDGE OF PAVEMENT. AS A RESULT, PROPOSED CURB AND GUTTER WILL NOT BE INSTALLED UNTIL STAGE 3. DRAINAGE STRUCTURES IN THE PROPOSED CURB LINE IN THIS AREA SHALL BE BROUGHT TO FINAL GRADE AND THE CONTRACTOR SHALL INSTALL THE PROPOSED FRAME AND GRATES WITHIN THE TEMPORARY PAVEMENT. THE CONTRACTOR SHALL USE MEANS AND METHODS, APPROVED BY THE ENGINEER, TO PROVIDE A JOINT MATERIAL THAT SERVES TO PROTECT THE PROPOSED PCC PAVEMENT FROM THE TEMPORARY PAVEMENT DURING PLACEMENT AND REMOVAL. THE JOINT MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROPOSED TEMPORARY PAVEMENT. WHEN THE CURB AND GUTTER IS READY TO BE INSTALLED, THE TEMPORARY PAVEMENT SHALL BE CAREFULLY REMOVED TO AVOID DAMAGE TO THE PROPOSED DRAINAGE STRUCTURES AND PROPOSED EDGE OF PAVEMENT. IF, DURING THESE OPERATIONS, ANY DAMAGE OCCURS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REPAIRING THE DAMAGES TO THE SATISFACTION OF THE ENGINEER.

SUGGESTED MAINTENANCE OF TRAFFIC – SIGN LEGEND



SUGGESTED SEQUENCE OF CONSTRUCTION

PRE-STAGE

WEBER ROAD

CONSTRUCTION

INSTALL PRE-STAGE EROSION CONTROL, TEMP SIGNS, CHANGEABLE MESSAGE SIGNS, REMOVE AND/OR RELOCATE EX UTILITIES, SAWCUT EX PAVEMENT TO REMOVE EX WATER MAIN, INSTALL PR WATER MAIN, AND PR STORM SEWER PIPES AND STRUCTURES. BACKFILL AND PATCH DISTRUBED PAVEMENT. GRADE THE PR DETENTION BASIN AT ROMEO RD/135TH STREET AND THE COMPENSATORY STORAGE BASIN NEAR THE LILY CACHE SLOUGH AS SHOWN IN THE STAGING CROSS SECTIONS. CONSTRUCT SHARED-USE PATH BETWEEN INTERSECTIONS. SAWCUT AND REMOVE EX C&G AND DRAINAGE STRUCTURES REQUIRED TO INSTALL THE CULVERT EXTENSION ON THE EAST SIDE OF THE EX CULVERT (STA 784+17), CONSTRUCT TEMP PAVEMENT ALONG EAST SIDE OF WEBER ROAD, INSTALL TEMP TRAFFIC SIGNALS, REMOVAL OF EX TRAFFIC SIGNAL EQUIPMENT, INSTALL AND PIN TEMP CONCRETE BARRIER AND VERTICAL PANELS, WHERE APPLICABLE.

TRAFFIC

TRAFFIC IS TO REMAIN IN THE EX LANE CONFIGURATION WITH THE POSSIBILITY OF DAY-TIME LANE CLOSURES ONLY ALLOWED BETWEEN 9AM AND 3PM (OFF-PEAK HOURS). TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH IDOT STANDARDS 701421 AND 707701, WHERE APPLICABLE.

ROMEO ROAD/135TH STREET

CONSTRUCTION

INSTALL PRE-STAGE EROSION CONTROL, TEMP SIGNS, CHANGEABLE MESSAGE SIGNS, REMOVE AND/OR RELOCATE EX UTILITIES, SAWCUT AND REMOVE EX C&G AND APPURTENANCES REQUIRED TO CONSTRUCT TEMP PAVEMENT ALONG THE SOUTH SIDE OF ROMEO ROAD/135TH ST. INSTALL TEMP TRAFFIC SIGNALS, REMOVE EX TRAFFIC SIGNAL EQUIPMENT, INSTALL VERTICAL PANELS, WHERE APPLICABLE. CONSTRUCT PART OF THE PR SIDEWALK AND TEMP SIDEWALK FOR PEDESTRIAN ACCOMMODATION AS SHOWN IN PLANS.

TRAFFIC

TRAFFIC IS TO REMAIN IN THE EX LANE CONFIGURATION WITH THE POSSIBILITY OF DAY-TIME LANE CLOSURES ONLY ALLOWED BETWEEN 9AM AND 3PM (OFF-PEAK HOURS). TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH IDOT STANDARDS 701421 AND 707701, WHERE APPLICABLE.

N. CARILLON DRIVE/GRAND BOULEVARD

CONSTRUCTION

INSTALL PRE-STAGE EROSION CONTROL, TEMP SIGNS, CHANGEABLE MESSAGE SIGNS, REMOVE AND/OR RELOCATE EX UTILITIES, SAWCUT AND REMOVE EX C&G PAVEMENT AND APPURTENANCES REQUIRED TO CONSTRUCT TEMP PAVEMENT AND INSTALL VERTICAL PANELS ALONG SOUTH SIDE OF GRAND BOULEVARD (EAST LEG), INSTALL TEMP TRAFFIC SIGNALS, REMOVE EX TRAFFIC SIGNAL EQUIPMENT, REMOVE EX RAISED CONCRETE MEDIANS IN CONFLICT AND REPLACE WITH TEMP PAVEMENT, AND REMOVE THE CORNER ISLAND (SOUTHWEST CORNER) AND REPLACE WITH TEMP PAVEMENT. CONSTRUCT PART OF PR SIDEWALK AND TEMP SIDEWALK FOR PEDESTRIAN ACCOMMODATIONS AS SHOWN IN PLANS.

TRAFFIC

TRAFFIC IS TO REMAIN IN THE EX LANE CONFIGURATION WITH THE POSSIBILTY OF DAY-TIME LANE CLOSURES ONLY ALLOWED BETWEEN 9AM AND 3PM (OFF-PEAK HOURS). TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH IDOT STANDARDS 701421 AND 707701, WHERE APPLICABLE.

STAGE 1

WEBER ROAD

CONSTRUCTION

INSTALL STAGE 1 EROSION CONTROL, TEMP SIGNS, ACTIVATE TEMP SIGNALS, SAWCUT AND REMOVE EX PAVEMENT, SIDEWALKS, AND APPURTENANCES REQUIRED TO CONSTRUCT THE REMAINING PR STORM SEWER WITHIN THE STAGE 1 AREA. REMOVE THE WEST SIDE OF THE EX CULVERT, CONSTRUCT THE WESTERN HALF OF THE PR DRAINAGE CULVERT AT STA 784+17, CONSTRUCT THE PR NOISE WALL, SB PAVEMENT AND THE TEMP PAVEMENT ALONG THE PR EOP, PR COMMERCIAL ENTRANCES BY HALVES, SHARED-USE PATH, AND ADA RAMPS. CONTRACTOR SHALL PRESERVE STAGE 1 TEMP PAVEMENT MARKINGS FOR SUB-STAGE 1 USE.

TRAFFIC

SHIFT LANES TO THE WEST ONTO THE NEWLY CONSTRUCTED PAVEMENT AND TEMP PAVEMENT. PROVIDE TWO THROUGH LANES IN EACH DIRECTION (AT A MINIMUM) AND A SOUTHBOUND LEFT TURN LANE AT BOTH INTERSECTIONS. CONTRACTOR IS TO MAINTAIN COMMERCIAL ENTRANCE ACCESS AT ALL TIMES.

ROMEO ROAD/135TH STREET

CONSTRUCTION (WEST LEG)

INSTALL STAGE 1 EROSION CONTROL, TEMP SIGNS, ACTIVATE TEMP SIGNALS, SAWCUT AND REMOVE EX PAVEMENT AND APPURTENANCES REQUIRED TO CONSTRUCT THE PR WESTBOUND AND THE EASTBOUND LEFT TURN LANE PAVEMENT, CONSTRUCT THE BP GAS STATION DRIVEWAY ENTRANCE IN HALVES. CONSTRUCT C&G AND TEMP PAVEMENT ON NORTH SIDE OF ROAD (WEST OF BP GAS STATION). SAW CUT PVMT IN BP GAS STATION AND CONSTRUCT PR CURB, TYPE B. SEE STA 753+00 CROSS SECTION.

TRAFFIC (WEST LEG)

TRAFFIC SHIFTS TO THE SOUTH UTILIZING EX AND TEMP PAVEMENT TO PROVIDE AT LEAST ONE WESTBOUND AND ONE EASTBOUND THROUGH LANE AND AN EASTBOUND LEFT TURN LANE. FOLLOW SEQUENCE DETAIL PROVIDED IN PLANS. FIRST SEQUENCE ALLOWS ACCESS TO BOTH THE PARKING LOT AREA AND ROMEO RD/135TH ST AND SECOND SEQUENCE INCLUDES A ROAD CLOSURE ALONG ROMEO RD/135TH ST WITH THE USE OF THE COMMERCIAL PARKING LOT FOR TRAFFIC CONFIGURATION. CONTRACTOR SHALL PRESERVE STAGE 1 TEMP PAVEMENT MARKINGS FOR SUB-STAGE 1 USE.

CONSTRUCTION (EAST LEG)

INSTALL STAGE 1 EROSION CONTROL, ACTIVATE TEMP SIGNALS, TEMP SIGNS, SAWCUT AND REMOVE EX PAVEMENT AND APPURTENANCES REQUIRED TO CONSTRUCT PR WESTBOUND PAVEMENT, TEMPORARY PAVEMENT WITHIN THE PROPOSED MEDIAN AREA, CONSTRUCT THE COMMERCIAL ENTRANCES IN HALVES, AND THE ADA RAMPS.

TRAFFIC (EAST LEG)

TRAFFIC SHIFTS SOUTH TO UTILIZE EX AND TEMP PAVEMENT TO PROVIDE AT LEAST ONE EASTBOUND AND ONE WESTBOUND THROUGH LANE AND A WESTBOUND LEFT TURN LANE. CONTRACTOR IS TO MAINTAIN COMMERCIAL ENTRANCES ACCESS AT ALL TIMES. CONTRACTOR SHALL PRESERVE STAGE 1 TEMP PAVEMENT MARKINGS FOR SUB-STAGE 1 USE.

N. CARILLON DRIVE/GRAND BOULEVARD

CONSTRUCTION

INSTALL STAGE 1 EROSION CONTROL, TEMP SIGNS, ACTIVATE TEMP SIGNALS, SAWCUT AND REMOVE EX PAVEMENT AND APPURTENANCES REQUIRED TO CONSTRUCT PR WESTBOUND PAVEMENT, TEMP PAVEMENT ADJACENT WITHIN THE PR BARRIER MEDIAN AREAS FOR STAGING PURPOSES. CONSTRUCT PR WESTBOUND LANES, NORTHERN HALF OF THE PR MEDIANS, AND THE REMAINING SIDEWALK (ALONG THE NORTH SIDE OF THE EAST LEG) AND THE PR ADA RAMPS AT THE FAIR MEADOW DR AS SHOWN IN THE ADA RAMP DETAILS.

TRAFFIC

TRAFFIC SHIFTS TO THE SOUTH UTILIZING EX AND TEMP PAVEMENT TO PROVIDE AT LEAST ONE EASTBOUND AND ONE WESTBOUND THROUGH AND LEFT TURN LANES AND AN EASTBOUND RIGHT TURN LANE. CONTRACTOR SHALL PROVIDE ACCESS TO FAIR MEADOWS DRIVE AND THE CARILLON GUARD HOUSE AT ALL TIMES. CONTRACTOR SHALL PRESERVE STAGE 1 TEMP PAVEMENT MARKINGS FOR SUB-STAGE 1 USE.

SUB-STAGE 1

WEBER ROAD

CONSTRUCTION

ADJUST THE TEMP SIGNAL HEADS AND TEMP SIGNS, SAWCUT AND REMOVE EX AND TEMP PAVEMENT AND APPURTENANCES REQUIRED TO CONSTRUCT THE PR SOUTHWEST CORNER PAVEMENT OF BOTH INTERSECTIONS AND ADA RAMPS.

TRAFFIC

USE STAGE 1 TRAFFIC CONFIGURATION AND ADJUST THE STOP BAR LOCATIONS AND THE AFFECTED LANE LINES AT THE INTERSECTIONS. CONTRACTOR SHALL PRESERVE SUB-STAGE 1 TEMP PAVEMENT MARKINGS FOR STAGE 2 USE.

ROMEO ROAD/135TH STREET

TRAFFIC (WEST LEG)

TRAFFIC WILL SHIFT TO THE NORTH ONTO THE NEWLY CONSTRUCTED WESTBOUND PAVEMENT MAINTAINING ONE LANE IN EACH DIRECTION AND ACCESS TO ALL DRIVEWAYS AND PARKING LOTS. SUB-STAGE 1 LANE CONFIGURATION IS ALMOST IDENTICAL TO STAGE 2 LANE CONFIGURATION; CONTRACTOR IS TO PRESERVE THESE TEMP PAVEMENT MARKINGS FOR STAGE 2 USE.

TRAFFIC (EAST LEG)

TRAFFIC WILL SHIFT TO THE NORTH ONTO THE NEWLY CONSTRUCTED WESTBOUND PAVEMENT MAINTAINING AT LEAST ONE EASTBOUND LANE, ONE WESTBOUND SHARED LANE, AND A WESTBOUND LEFT TURN LANE. CONTRACTOR IS TO MAINTAIN COMMERCIAL ENTRANCES ACCESS AT ALL TIMES. SUB-STAGE 1 LANE CONFIGURATION IS ALMOST IDENTICAL TO STAGE 2 LANE CONFIGURATION; CONTRACTOR IS TO PRESERVE THESE TEMP PAVEMENT MARKINGS FOR STAGE 2 USE.

N. CARILLON DRIVE/GRAND BOULEVARD

TRAFFIC (WEST LEG)

TRAFFIC WILL SHIFT TO THE NORTH ONTO THE NEWLY CONSTRUCTED WESTBOUND PAVEMENT MAINTAINING AT LEAST ONE EASTBOUND SHARED LANE, EASTBOUND LEFT TURN LANE, AND ONE WESTBOUND THROUGH LANE. CONTRACTOR SHALL PROVIDE ACCESS TO THE PRIVATE CARILLON GUARD HOUSE AND THE COMMERCIAL ACCESS ROAD AT ALL TIMES. SUB-STAGE 1 LANE CONFIGURATION IS ALMOST IDENTICAL TO STAGE 2 LANE CONFIGURATION; CONTRACTOR IS TO PRESERVE THESE TEMP PAVEMENT MARKINGS FOR STAGE 2 USE.

TRAFFIC (EAST LEG)

TRAFFIC WILL SHIFT TO THE NORTH ONTO NEWLY CONSTRUCTED WESTBOUND PAVEMENT TO PROVIDE ONE SHARED WESTBOUND LANE AND AN EASTBOUND THROUGH LANE. CONTRACTOR IS TO MAINTAIN ACCESS TO FAIR MEADOW DRIVE AT ALL TIMES. SUB-STAGE 1 LANE CONFIGURATION IS ALMOST IDENTICAL TO STAGE 2 LANE CONFIGURATION; CONTRACTOR IS TO PRESERVE THESE TEMP PAVEMENT MARKINGS FOR STAGE 2 USE.

PRE-STAGE 2

WEBER ROAD

CONSTRUCTION

ADJUST THE TEMP SIGNAL HEADS AND TEMP SIGNS, SAWCUT AND REMOVE EX AND TEMP PAVEMENT AND APPURTENANCES REQUIRED TO CONSTRUCT THE PR NORTHEAST CORNER PAVEMENT OF BOTH INTERSECTIONS. RELOCATE TEMP CONC BARRIER WALL AS NEEDED.

TRAFFIC

TRAFFIC WILL SHIFT TO THE WEST TO UTILIZE THE NEWLY CONSTRUCTED SOUTHBOUND PAVEMENT AND TEMP PAVEMENT. CONTRACTOR IS TO PROVIDE TWO LANES IN EACH DIRECTION, AT A MINIMUM, WITH EXCLUSIVE LEFT TURN LANES, BUT NO EXCLUSIVE RIGHT TURN LANES. ALL COMMERCIAL ENTRANCE ACCESS SHALL BE MAINTAINED AT ALL TIMES.

ROMEO ROAD/135TH STREET

TRAFFIC

ADJUST TEMP SIGNAL HEADS AND SHIFT TRAFFIC BACK TO THE SOUTH TO UTILIZE MOST OF THE STAGE 1 TEMP PAVEMENT MARKINGS. CONTRACTOR IS TO REPLACE ANY DAMAGED, MISSING, OR CONFLICTING MARKINGS AS PROPOSED IN THE STAGING SHEETS. COMMERCIAL ENTRANCE ACCESS SHALL BE MAINTAINED AT ALL TIMES.

N. CARILLON DRIVE/GRAND BOULEVARD

TRAFFIC

ADJUST TEMP SIGNAL HEADS AND SHIFT TRAFFIC BACK TO THE SOUTH TO UTILIZE MOST OF THE STAGE 1 TEMP PAVEMENT MARKINGS. CONTRACTOR IS TO REPLACE ANY DAMAGED, MISSING, OR CONFLICTING MARKINGS AS PROPOSED IN THE STAGING SHEETS. ACCESS TO THE CARILLON GUARD HOUSE, COMMERCIAL ACCESS ROAD, AND FAIR MEADOW DRIVE SHALL BE MAINTAINED AT ALL TIMES.

STAGE 2

WEBER ROAD

CONSTRUCTION

INSTALL STAGE 2 EROSION CONTROL, ADJUST TEMP TRAFFIC SIGNALS AND TEMP SIGNS, SAWCUT AND REMOVE EX PAVEMENT AND APPURTENANCES REQUIRED TO REMOVE TEMP PAVEMENT FROM PRE-STAGE AND REMAINING EX PAVEMENT, REMOVE EX DRAINAGE STRUCTURES, REMOVE AND REPLACE REMAINING EASTERN HALF OF CULVERT WITH PR CULVERT, CONSTRUCT THE PR NORTHBOUND PAVEMENT, CURB & GUTTER, DRAINAGE STRUCTURES, FINALIZE PR DETENTION GRADING, SIDEWALK, CURB & GUTTER REPLACEMENT AT STA 753+00 (RT) AND RETAINING WALL NEAR N. CARILLON/GRAND INTERSECTION.

TRAFFIC

USE PRE-STAGE 2 TRAFFIC CONFIGURATION AND ADJUST THE STOP BAR LOCATIONS AT THE INTERSECTIONS AND THE AFFECTED LANE LINES TO AS SHOWN IN THE STAGE 2 MOT SHEETS.

ROMEO ROAD/135TH STREET

CONSTRUCTION

INSTALL STAGE 2 EROSION CONTROL, ADJUST THE TEMP TRAFFIC SIGNAL HEADS AND TEMP SIGNS, SAWCUT AND REMOVE THE TEMP PAVEMENT FROM PRE-STAGE AND REMAINING EX PAVEMENT, REMOVE EX DRAINAGE STRUCTURES, CONSTRUCT PR EASTBOUND PAVEMENT, CURB & GUTTER, PART OF THE PR RAISED CURB MEDIAN, DRAINAGE STRUCTURES, AND THE PR SIDEWALK AND ADA RAMPS.

TRAFFIC

USE SUB-STAGE 1 TRAFFIC CONFIGURATION AND ADJUST THE STOP BAR LOCATIONS AND THE AFFECTED LANE LINES TO REFLECT THE STAGE 2 MOT SHEETS.

N. CARILLON DRIVE/GRAND BOULEVARD

CONSTRUCTION

INSTALL STAGE 2 EROSION CONTROL, ADJUST THE TEMP TRAFFIC SIGNAL HEADS AND SIGNS, SAWCUT AND REMOVE THE TEMP PAVEMENT FROM PRE-STAGE AND REMAINING EX PAVEMENT, REMOVE EX DRAINAGE STRUCTURES, CONSTRUCT PR EASTBOUND PAVEMENT, CURB & GUTTER, SOUTHERN HALF OF THE PROPOSED MEDIANS, AND THE SIDEWALK ALONG THE SOUTH SIDE OF THE EAST LEG.

TRAFFIC

USE SUB-STAGE 1 TRAFFIC CONFIGURATION AND ADJUST THE STOP BAR LOCATIONS AND THE AFFECTED LANE LINES TO REFLECT THE STAGE 2 MOT SHEETS.

STAGE 3

WEBER ROAD

CONSTRUCTION

INSTALL THE TEMP SIGNAL HEADS AND TEMP SIGNS, SAWCUT AND REMOVE TEMP PAVEMENT AND APPURTENANCES REQUIRED TO CONSTRUCT THE REMAINING OF THE PR RAISED BARRIER MEDIANS (CONCRETE AND LANDSCAPED) AND THE PROPOSED LEFT TURN LANES. REPLACE THE TEMP PAVEMENT ON THE WEST SIDE NEAR THE LILY CACHE SLOUGH WITH THE PR CURB & GUTTER, SHARED-USE PATH, AND FINAL GRADING.

TRAFFIC

ADJUST BOTH NORTHBOUND AND SOUTHBOUND TRAFFIC FROM STAGE 2 BY PROVIDING A BUFFER ON BOTH THE WEST AND EAST SIDE OF THE PROPOSED RAISED MEDIANS. USE LANE CLOSURES ALONG THE PROPOSED LEFT TURN LANES FOLLOWING IDOT STANDARDS.

ROMEO ROAD/135TH STREET

CONSTRUCTION

ADJUST THE TEMP SIGNAL HEADS AND TEMP SIGNS, SAWCUT AND REMOVE TEMP PAVEMENT AND APPURTENANCES REQUIRED TO CONSTRUCT THE REMAINING OF THE PR RAISED CONCRETE MEDIAN ON THE EAST LEG AND THE PR CURB & GUTTER ON THE WEST LEG NEAR THE BP GAS STATION.

TRAFFIC

TRAFFIC IS SHIFTED AWAY FROM THE PR MEDIAN WHERE THE CONTRACTOR IS TO PROVIDE AT LEAST ONE LANE IN EACH DIRECTION AND PROVIDE EXCLUSIVE TURN LANES AS SHOWN IN PLANS.

N. CARILLON DRIVE/GRAND BOULEVARD

CONSTRUCTION

ADJUST THE TEMP SIGNAL HEADS AND TEMP SIGNS, SAWCUT AND REMOVE TEMP PAVEMENT AND APPURTENANCES REQUIRED TO COMPLETE ANY REMAINING LANDSCAPING WITHIN THE PR MEDIANS. CONSTRUCT THE PR MEDIAN NEAR THE CARILLON GATE HOUSE AND AT THE GRAND BLVD AND FAIR MEADOW DRIVE INTERSECTION. MILL & RESURFACE (STA 238+60 TO 240+31) AS SHOWN IN ROADWAY P&P.

TRAFFIC

TRAFFIC IS SHIFTED AWAY FROM THE PR MEDIANS WHERE THE CONTRACTOR IS TO PROVIDE AT LEAST ONE LANE IN EACH DIRECTION AND PROVIDE EXCLUSIVE TURN LANES AS SHOWN IN PLANS. CONTRACOTR TO USE IDOT STANDARDS (DAY-TIME CLOSURES) TO COMPLETE THE MILLING & RESURFACING OPERATIONS.

FILE NAME = D160X11-sht-staging002.dgn

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USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 2.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

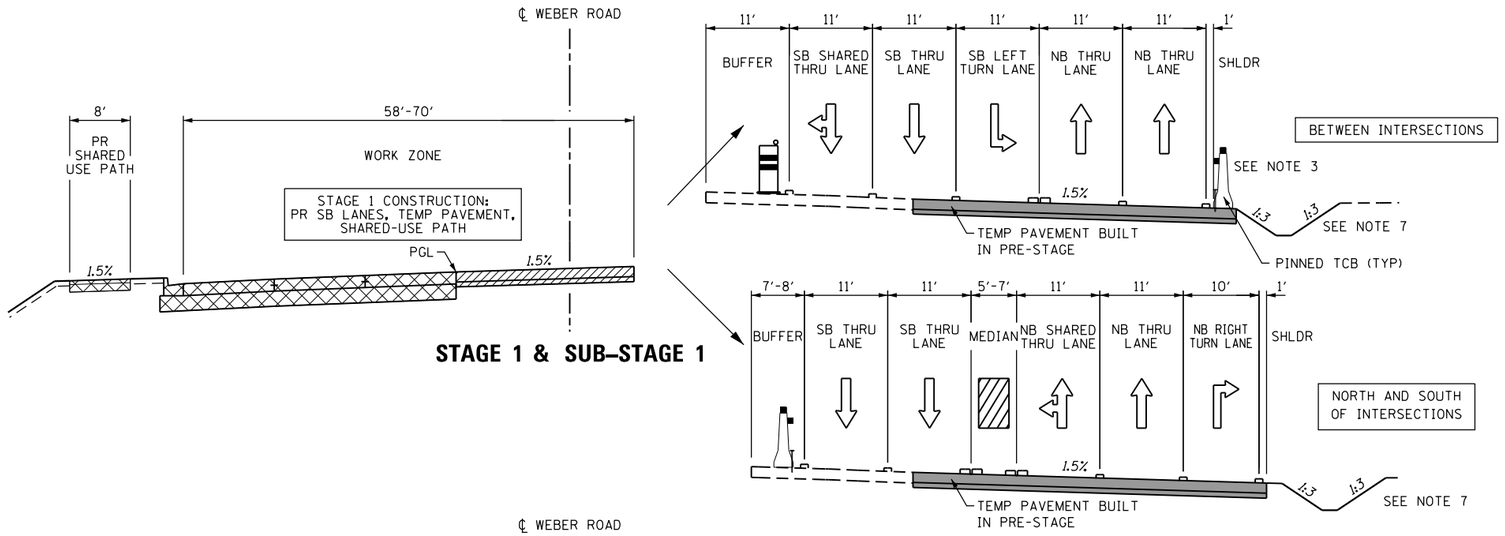
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
SUGGESTED SEQUENCE OF CONSTRUCTION

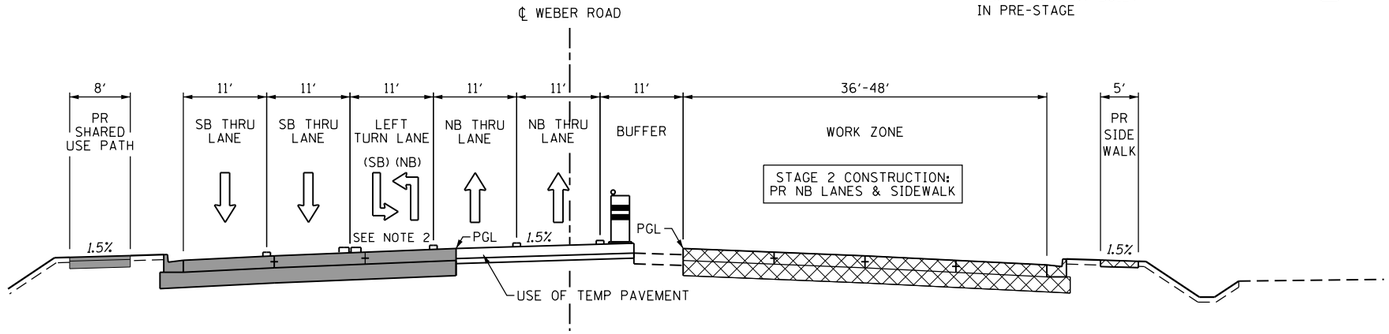
SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	80
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

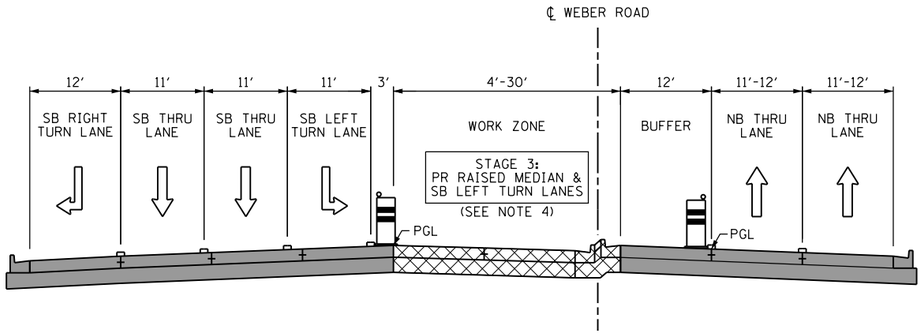
WEBER ROAD
LOOKING NORTH (TYP)



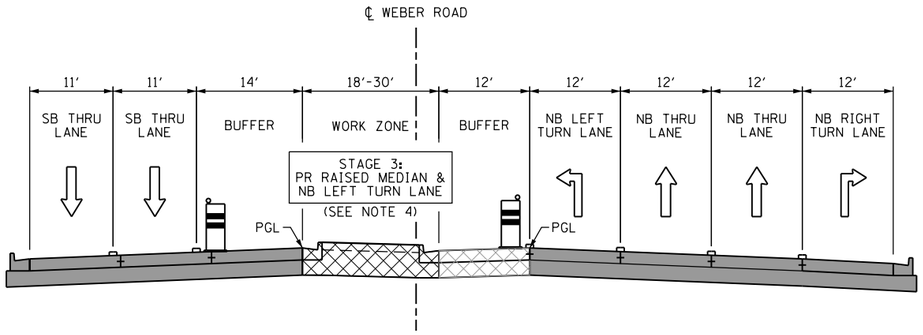
STAGE 1 & SUB–STAGE 1



PRE–STAGE 2 & STAGE 2



STAGE 3 (NORTH LEGS)



STAGE 3 (SOUTH LEGS)

WEBER ROAD

MOT TYPICALS LEGEND

- EX GROUND/PAVEMENT
- PR PAVEMENT IN WORK ZONE
- PR TEMP PAVEMENT IN WORK ZONE
- CONSTRUCTED IN PREVIOUS STAGE
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL WITH STEADY BURNING LIGHT ON TRAFFIC SIDE
- TEMP CONCRETE BARRIER WITH CRYSTAL WALL MARKER AT 25′ C-C
- OR TEMP PAVEMENT MARKING

GENERAL NOTES

1. CONTRACTOR IS TO ADD OR REMOVE PAVEMENT MARKINGS AS SHOWN IN PLANS WHERE DIFFERENCES OCCUR BETWEEN THE MOT.
2. THIS LEFT TURN LANE IS NOT A SHARED LEFT TURN LANE. EACH LEG WILL PROVIDE AN EXCLUSIVE LEFT TURN LANE AS SHOWN IN PLANS. THE LANE WAS SHOWN AS SUCH FOR VISUAL PURPOSES.
3. THE TEMP CONCRETE BARRIER NEEDED IN BETWEEN THE INTERSECTIONS ON THE EAST SIDE OF WEBER ROAD IS TO BE PINNED (ON THE TRAFFIC SIDE) TO THE TEMP PAVEMENT. CONTRACTOR IS TO FOLLOW IDOT STANDARD 704001 FOR GUIDANCE ON THE ANCHOR PINS AND REFLECTIVE MARKERS.
4. THE BUFFER ZONE ENDS AT STA 745+32. CONTRACTOR IS TO FOLLOW IDOT STANDARD 701421 TO CONSTRUCT THE MEDIAN AREAS SOUTH OF STA 745+32.
5. REFER TO MOT PLAN SHEETS FOR INFORMATION ON TEMPORARY PAVEMENT MARKING TYPES, SIZES, AND COLOR.
6. PRE-STAGE WORK INCLUDES THE CONSTRUCTION OF MOST OF THE PROPOSED DETENTION BASIN AND THE COMPENSATORY STORAGE BASIN AS SHOWN IN THE STAGING CROSS SECTIONS.
7. REFER TO STAGING 1 SHEETS FOR TEMPORARY DRAINAGE (PRE-STAGE AND STAGE 1) FLOW.

TEMPORARY HOT–MIX ASPHALT MIXTURE

ROADWAY	MIXTURE TYPE	AIR VOIDS
WEBER RD	HMA SURFACE COURSE, MIX "D", N50, 2"	4% @ 50 Gyr.
	HMA BASE COURSE (HMA BINDER), IL-19.0, N50, 8"	4% @ 50 Gyr.
135TH ST ROMEO RD GRAND BLVD N. CARILLON DR	HMA SURFACE COURSE, MIX "D", N50, 2"	4% @ 50 Gyr.
	HMA BASE COURSE (HMA BINDER), IL-19.0, N50, 6"	4% @ 50 Gyr.

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURES IS 112 LBS/SQ YD/IN
- FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE DETAIL SPECIAL PROVISIONS.
- ALTERNATE TEMPORARY PAVEMENT
  PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS, 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

FILE NAME = D1601l1-sht-stagrng004.dgn

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USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 20.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

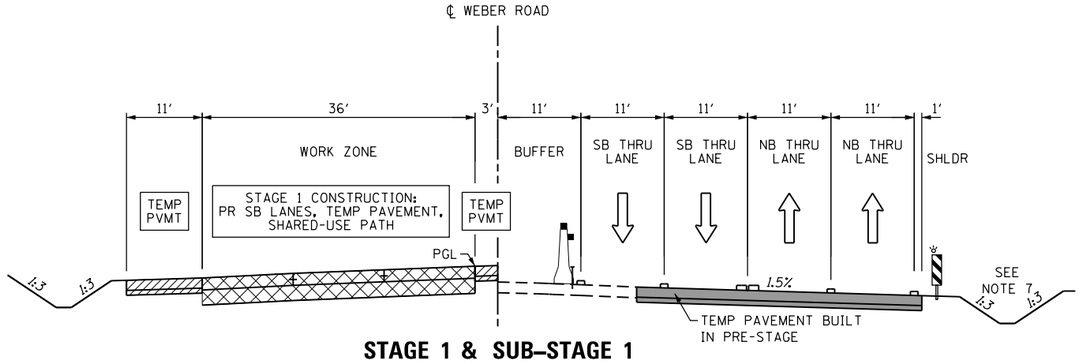
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – TYPICAL SECTIONS
WEBER ROAD

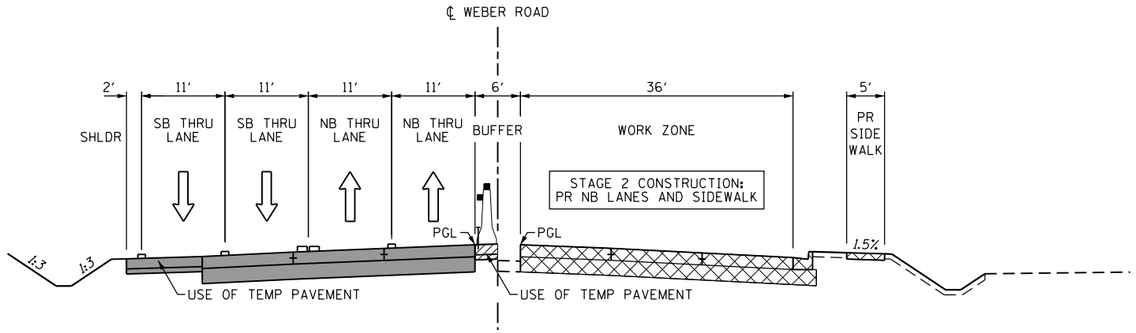
SCALE: NTS | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	81
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			

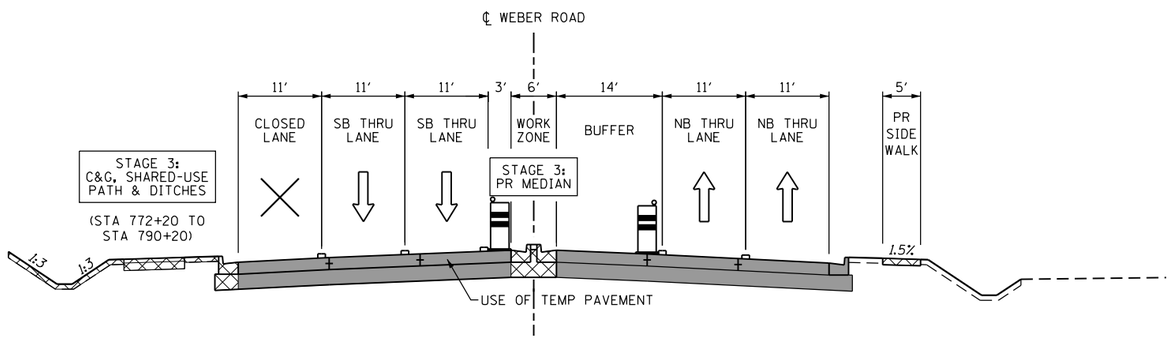
WEBER ROAD
LOOKING NORTH (TYP)



STAGE 1 & SUB–STAGE 1



PRE–STAGE 2 & STAGE 2



STAGE 3

WEBER ROAD AT LILY CACHE SLOUGH

MOT TYPICALS LEGEND

- EX GROUND/PAVEMENT
- PR PAVEMENT IN WORK ZONE
- PR TEMP PAVEMENT IN WORK ZONE
- CONSTRUCTED IN PREVIOUS STAGE
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL WITH STEADY BURNING LIGHT ON TRAFFIC SIDE
- TEMP CONCRETE BARRIER WITH CRYSTAL WALL MARKER AT 25′ C-C
- OR — TEMP PAVEMENT MARKING

GENERAL NOTES

1. CONTRACTOR IS TO ADD OR REMOVE PAVEMENT MARKINGS AS SHOWN IN PLANS WHERE DIFFERENCES OCCUR BETWEEN THE MOT.
2. THIS LEFT TURN LANE IS NOT A SHARED LEFT TURN LANE. EACH LEG WILL PROVIDE AN EXCLUSIVE LEFT TURN LANE AS SHOWN IN PLANS. THE LANE WAS SHOWN AS SUCH FOR VISUAL PURPOSES.
3. THE TEMP CONCRETE BARRIER NEEDED IN BETWEEN THE INTERSECTIONS ON THE EAST SIDE OF WEBER ROAD IS TO BE PINNED (ON THE TRAFFIC SIDE) TO THE TEMP PAVEMENT. CONTRACTOR IS TO FOLLOW IDOT STANDARD 704001 FOR GUIDANCE ON THE ANCHOR PINS AND REFLECTIVE MARKERS.
4. THE BUFFER ZONE ENDS AT STA 745+32. CONTRACTOR IS TO FOLLOW IDOT STANDARD 701421 TO CONSTRUCT THE MEDIAN AREAS SOUTH OF STA 745+32.
5. REFER TO MOT PLAN SHEETS FOR INFORMATION ON TEMPORARY PAVEMENT MARKING TYPES, SIZES, AND COLOR.
6. PRE-STAGE WORK INCLUDES THE CONSTRUCTION OF MOST OF THE PROPOSED DETENTION BASIN AND THE COMPENSATORY STORAGE BASIN AS SHOWN IN THE STAGING CROSS SECTIONS.
7. REFER TO STAGING 1 SHEETS FOR TEMPORARY DRAINAGE (PRE-STAGE AND STAGE 1) FLOW.

TEMPORARY HOT–MIX ASPHALT MIXTURE

ROADWAY	MIXTURE TYPE	AIR VOIDS
WEBER RD	HMA SURFACE COURSE, MIX "D", N50, 2"	4% @ 50 Gyr.
	HMA BASE COURSE (HMA BINDER), IL-19.0, N50, 8"	4% @ 50 Gyr.
135TH ST ROMEO RD GRAND BLVD N. CARILLON DR	HMA SURFACE COURSE, MIX "D", N50, 2"	4% @ 50 Gyr.
	HMA BASE COURSE (HMA BINDER), IL-19.0, N50, 6"	4% @ 50 Gyr.

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURES IS 112 LBS/SQ YD/IN
- FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE DETAIL SPECIAL PROVISIONS.
- ALTERNATE TEMPORARY PAVEMENT
  PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS, 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

FILE NAME = D160X11-sht-staging004.dgn

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USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 20.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

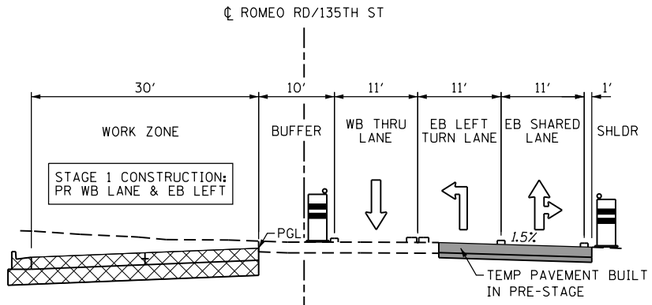
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – TYPICAL SECTIONS
WEBER ROAD AT LILY CACHE SLOUGH

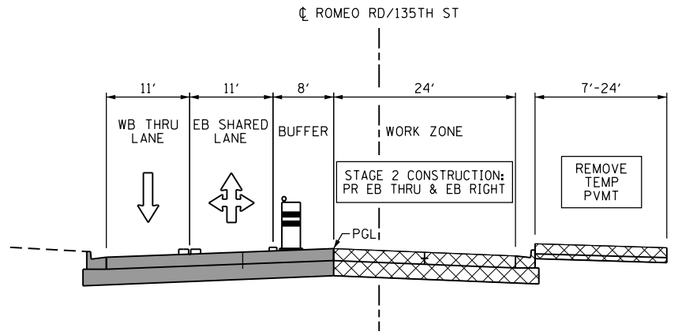
SCALE: NTS | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	82
		CONTRACT NO. 61D47		
		ILLINOIS	FED. AID PROJECT	

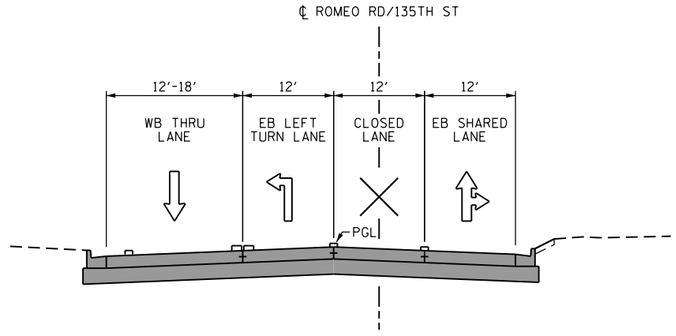
WEST LEG
LOOKING EAST (TYP)



STAGE 1 & PRE–STAGE 2

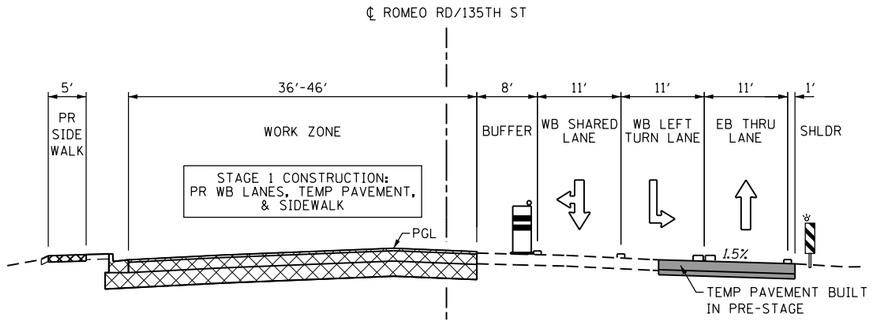


SUB–STAGE 1 & STAGE 2

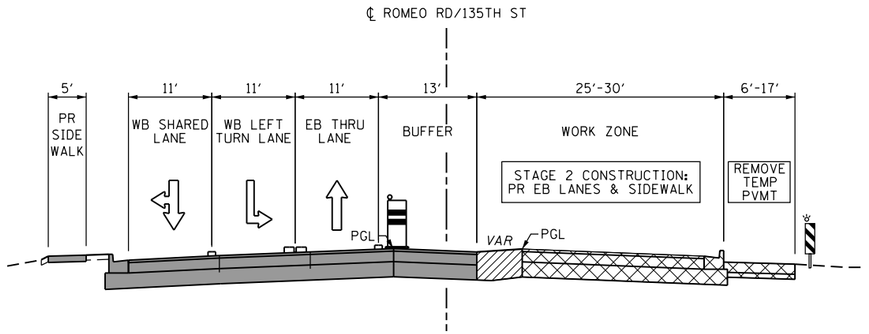


STAGE 3

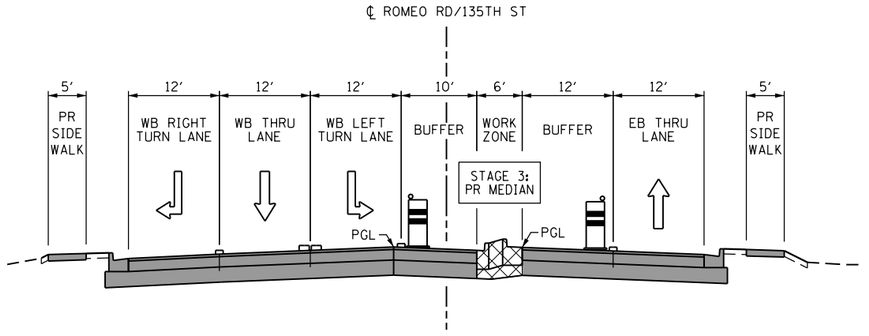
EAST LEG
LOOKING EAST (TYP)



STAGE 1 & PRE–STAGE 2



SUB–STAGE 1 & STAGE 2



STAGE 3

ROMEO /135TH AT WEBER RD

MOT TYPICALS LEGEND

- EX GROUND/PAVEMENT
- PR PAVEMENT IN WORK ZONE
- PR TEMP PAVEMENT IN WORK ZONE
- CONSTRUCTED IN PREVIOUS STAGE
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL WITH STEADY BURNING LIGHT ON TRAFFIC SIDE
- TEMP CONCRETE BARRIER WITH CRYSTAL WALL MARKER AT 25′ C-C
- OR — TEMP PAVEMENT MARKING

GENERAL NOTES

1. CONTRACTOR IS TO ADD OR REMOVE PAVEMENT MARKINGS AS SHOWN IN PLANS WHERE DIFFERENCES OCCUR BETWEEN THE MOT.
2. REFER TO MOT PLAN SHEETS FOR INFORMATION ON TEMPORARY PAVEMENT MARKING TYPES, SIZES, AND COLOR.
3. PRE-STAGE WORK INCLUDES THE CONSTRUCTION OF MOST OF THE PROPOSED DETENTION BASIN AND THE COMPENSATORY STORAGE BASIN AS SHOWN IN THE STAGING CROSS SECTIONS.
4. REFER TO STAGING 1 SHEETS FOR TEMPORARY DRAINAGE (PRE-STAGE AND STAGE 1) FLOW.

TEMPORARY HOT–MIX ASPHALT MIXTURE

ROADWAY	MIXTURE TYPE	AIR VOIDS
WEBER RD	HMA SURFACE COURSE, MIX "D", N50, 2"	4% @ 50 Gyr.
	HMA BASE COURSE (HMA BINDER), IL-19.0, N50, 8"	4% @ 50 Gyr.
135TH ST ROMEO RD GRAND BLVD N. CARILLON DR	HMA SURFACE COURSE, MIX "D", N50, 2"	4% @ 50 Gyr.
	HMA BASE COURSE (HMA BINDER), IL-19.0, N50, 6"	4% @ 50 Gyr.

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURES IS 112 LBS/SQ YD/IN
- FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE DETAIL SPECIAL PROVISIONS.
- ALTERNATE TEMPORARY PAVEMENT
  PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS, 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

FILE NAME = D160X1-sht-staging004.dgn

thomas engineering group — service at the highest grade®

USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 20.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

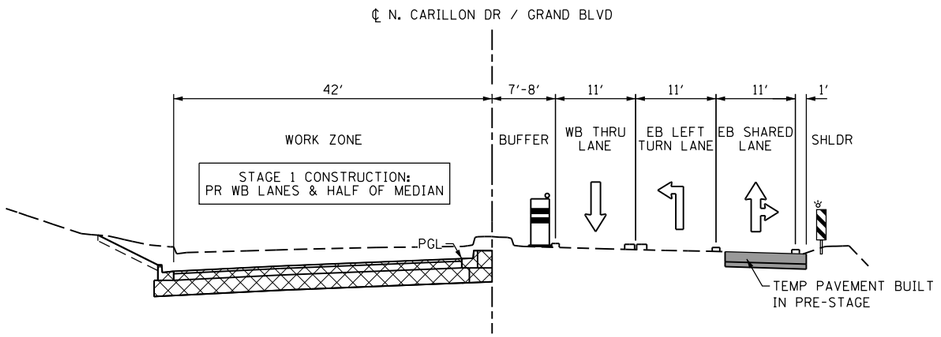
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – TYPICAL SECTIONS
135TH STREET / ROMEO ROAD

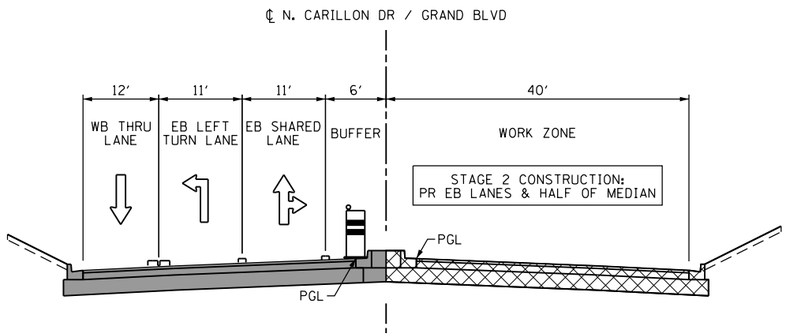
SCALE: NTS | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	83
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

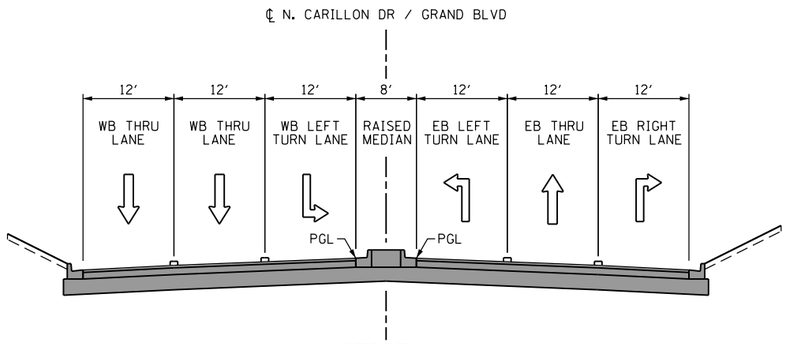
WEST LEG
LOOKING EAST (TYP)



STAGE 1 & PRE–STAGE 2

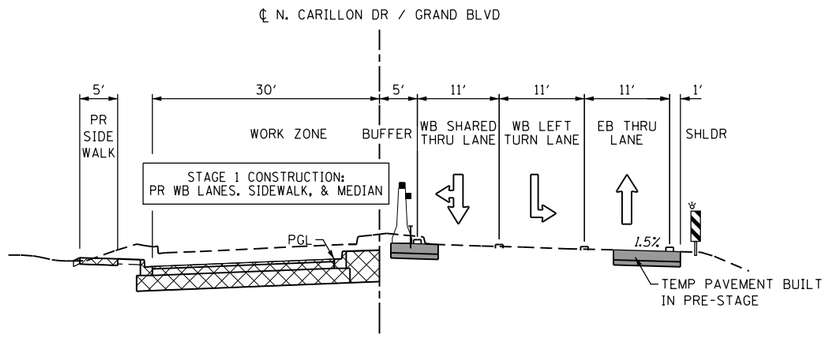


SUB–STAGE 1 & STAGE 2

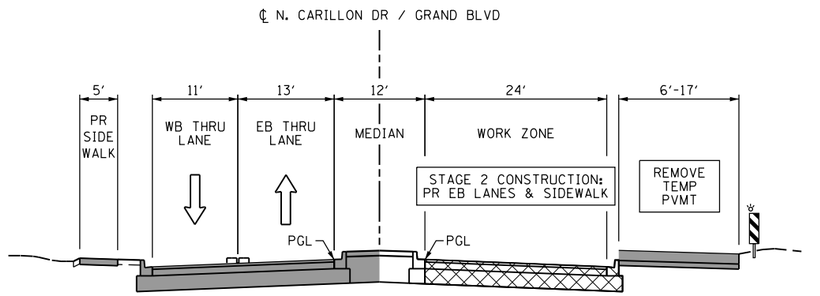


STAGE 3

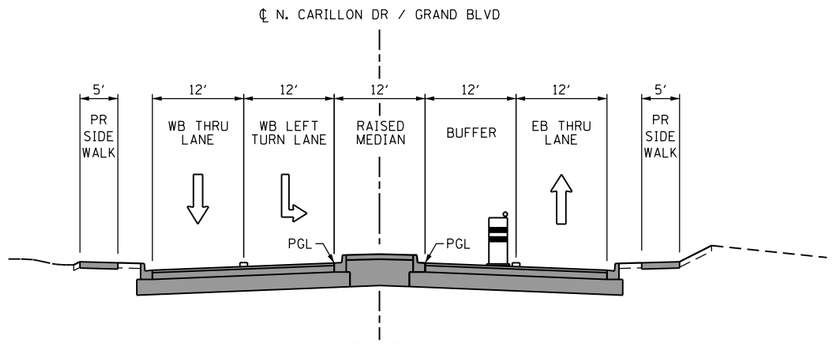
EAST LEG
LOOKING EAST (TYP)



STAGE 1 & PRE–STAGE 2



SUB–STAGE 1 & STAGE 2



STAGE 3

CARILLON /GRAND AT WEBER RD

MOT TYPICALS LEGEND

- EX GROUND/PAVEMENT
- PR PAVEMENT IN WORK ZONE
- PR TEMP PAVEMENT IN WORK ZONE
- CONSTRUCTED IN PREVIOUS STAGE
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL WITH STEADY BURNING LIGHT ON TRAFFIC SIDE
- TEMP CONCRETE BARRIER WITH CRYSTAL WALL MARKER AT 25′ C-C
- OR — TEMP PAVEMENT MARKING

GENERAL NOTES

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2. REFER TO MOT PLAN SHEETS FOR INFORMATION ON TEMPORARY PAVEMENT MARKING TYPES, SIZES, AND COLOR.
3. PRE-STAGE WORK INCLUDES THE CONSTRUCTION OF MOST OF THE PROPOSED DETENTION BASIN AND THE COMPENSATORY STORAGE BASIN AS SHOWN IN THE STAGING CROSS SECTIONS.
4. REFER TO STAGING 1 SHEETS FOR TEMPORARY DRAINAGE (PRE-STAGE AND STAGE 1) FLOW.

TEMPORARY HOT–MIX ASPHALT MIXTURE

ROADWAY	MIXTURE TYPE	AIR VOIDS
WEBER RD	HMA SURFACE COURSE, MIX "D", N50, 2"	4% @ 50 Gyr.
	HMA BASE COURSE (HMA BINDER), IL-19.0, N50, 8"	4% @ 50 Gyr.
135TH ST ROMEO RD GRAND BLVD N. CARILLON DR	HMA SURFACE COURSE, MIX "D", N50, 2"	4% @ 50 Gyr.
	HMA BASE COURSE (HMA BINDER), IL-19.0, N50, 6"	4% @ 50 Gyr.

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURES IS 112 LBS/SQ YD/IN
- FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE DETAIL SPECIAL PROVISIONS.
- ALTERNATE TEMPORARY PAVEMENT
  PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS, 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

FILE NAME = D160X1-sht-stagmg004.dgn

thomas engineering group — service of the highest grade®

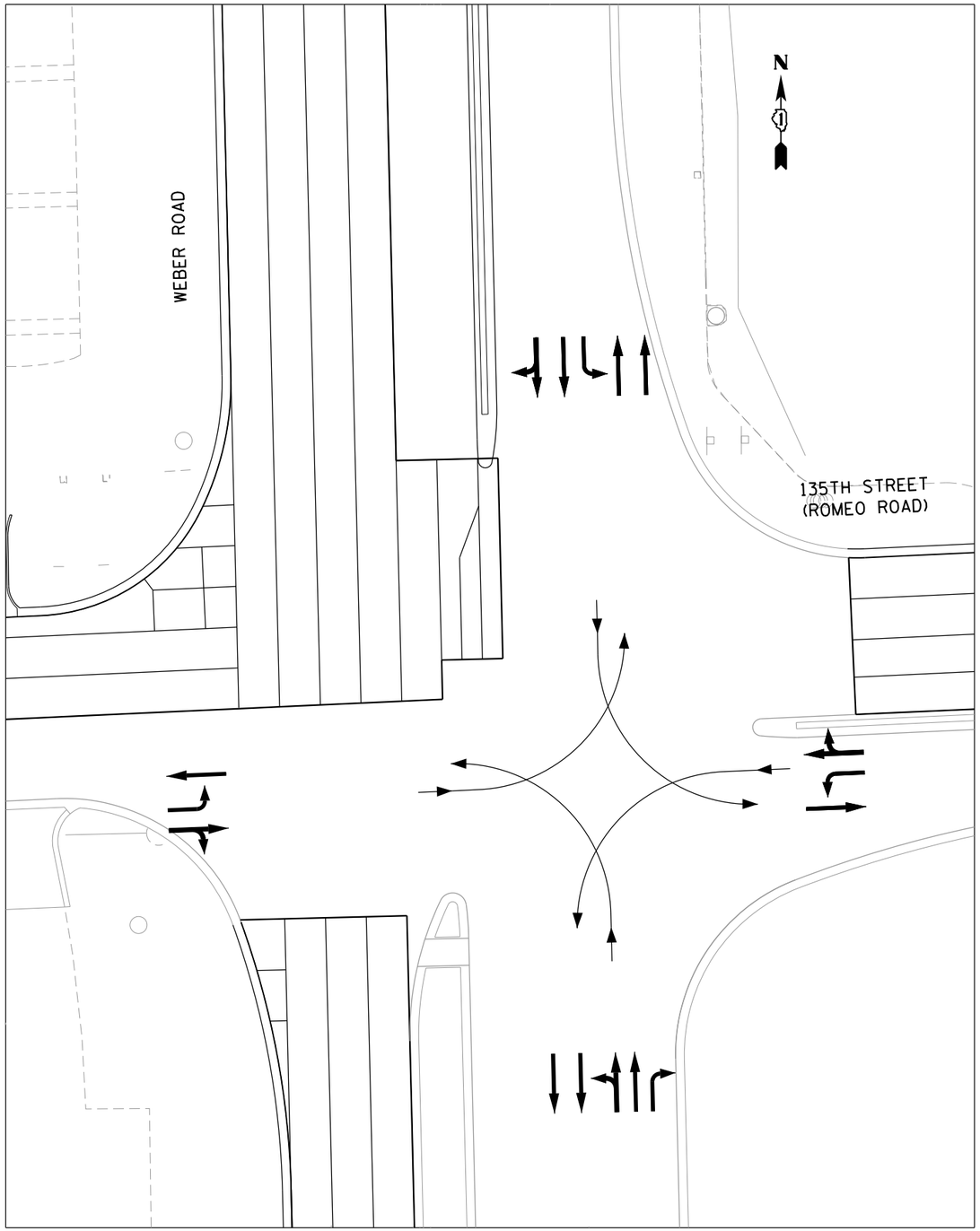
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 20.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

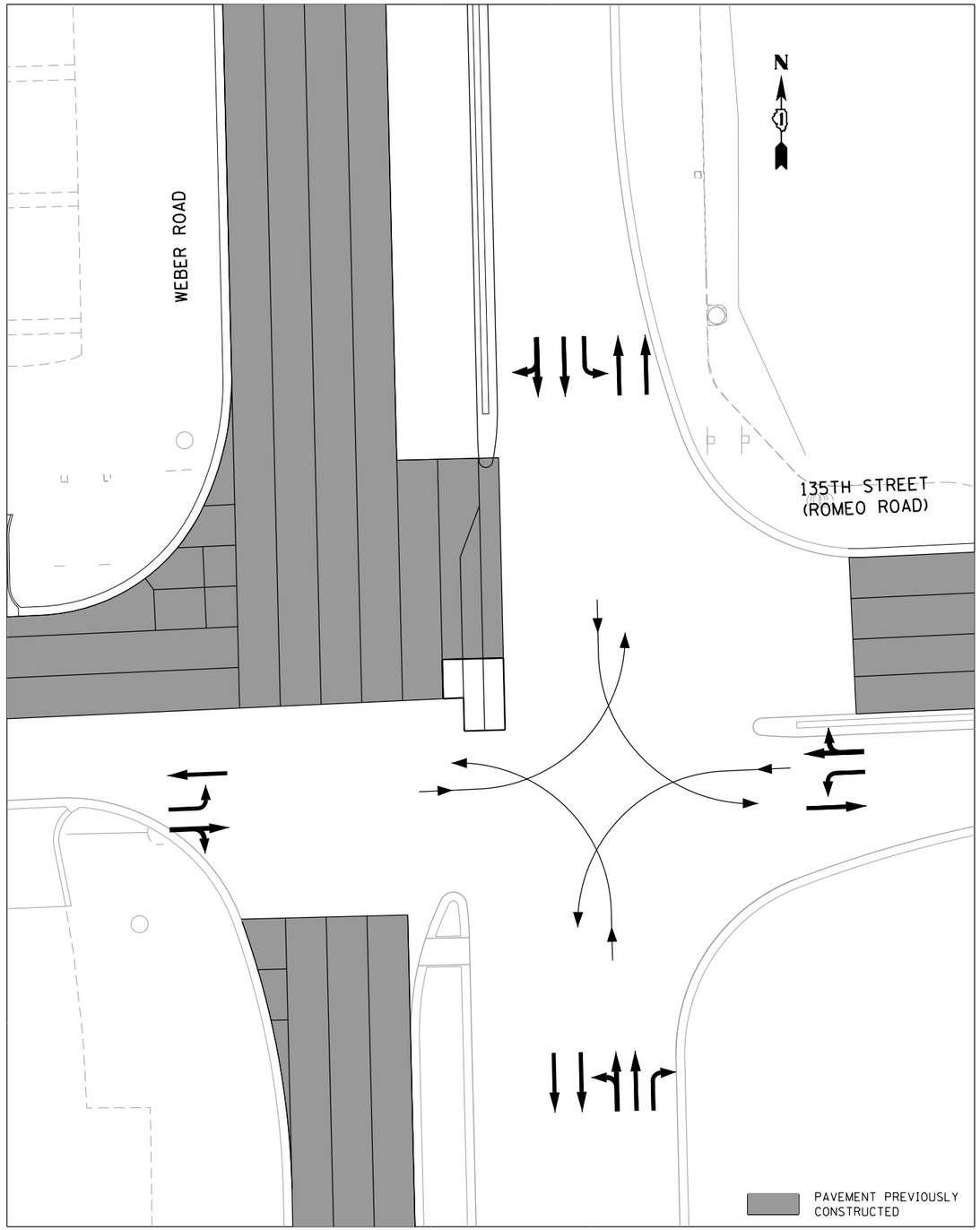
MAINTENANCE OF TRAFFIC – TYPICAL SECTIONS
N. CARILLON DRIVE / GRAND BOULEVARD

SCALE: NTS | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	84
		CONTRACT NO. 61D47		
		ILLINOIS	FED. AID PROJECT	



STAGE 1



STAGE 1B

FILE NAME = D160X11-sht-intersec-mot-1.dgn

thomas engineering group
service at the highest grade

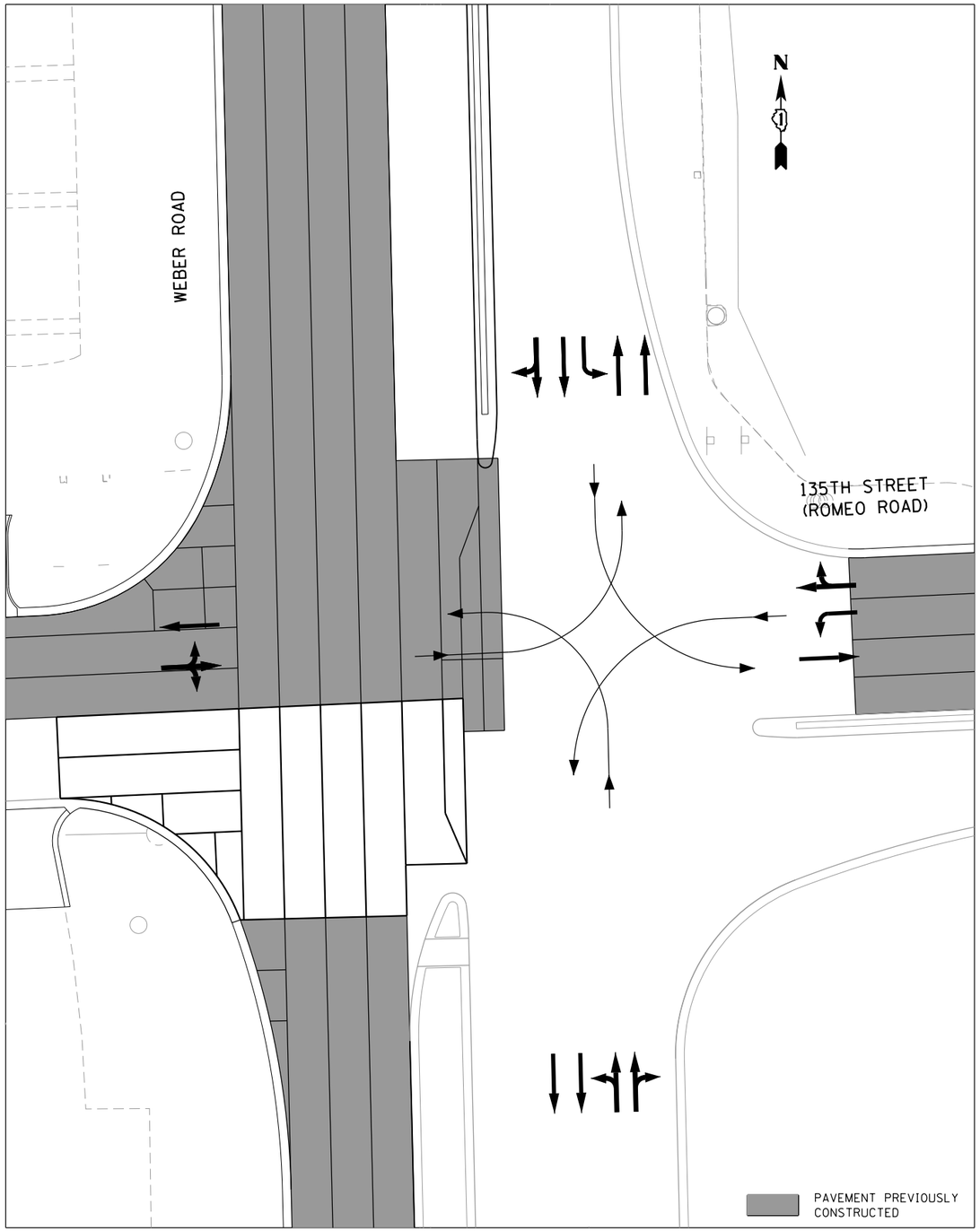
USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

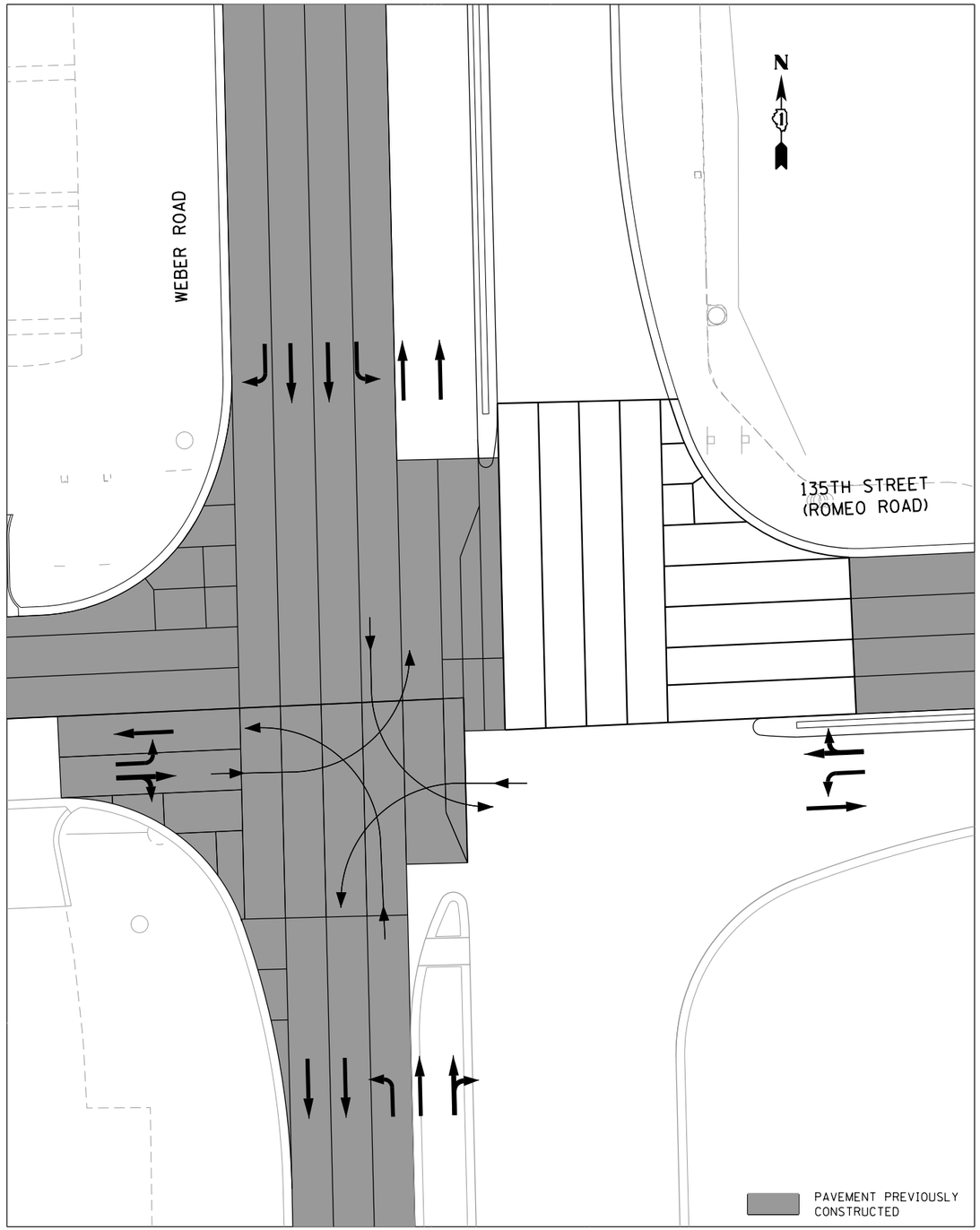
MAINTENANCE OF TRAFFIC – INTERSECTION STAGING
135TH STREET /ROMEO ROAD

SCALE: N.T.S. | SHEET 1 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	85
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



SUB–STAGE 1



PRE–STAGE 2

FILE NAME = D160X1-sht-intersec-mot-2.dgn

thomas engineering group
service at the highest grade

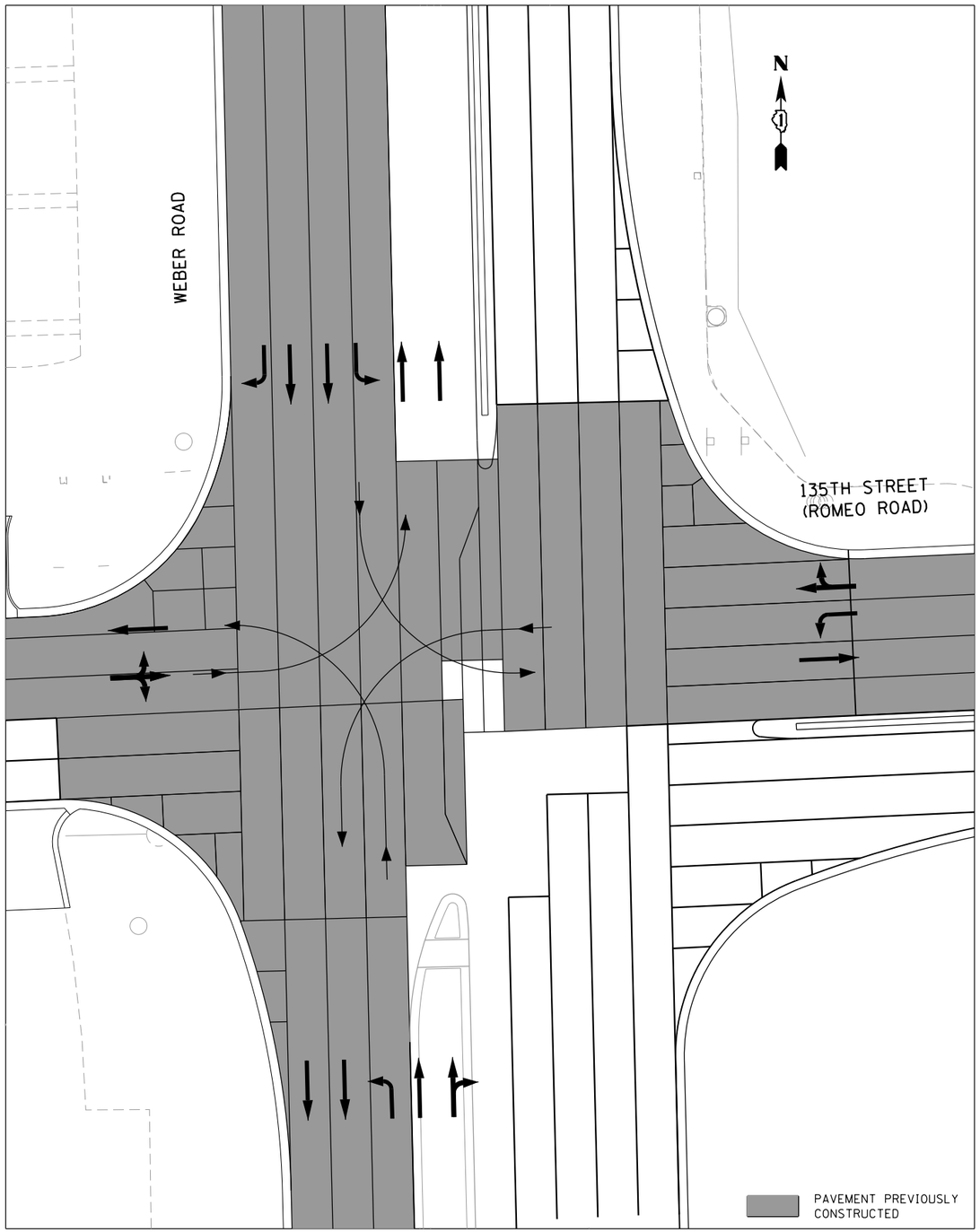
USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

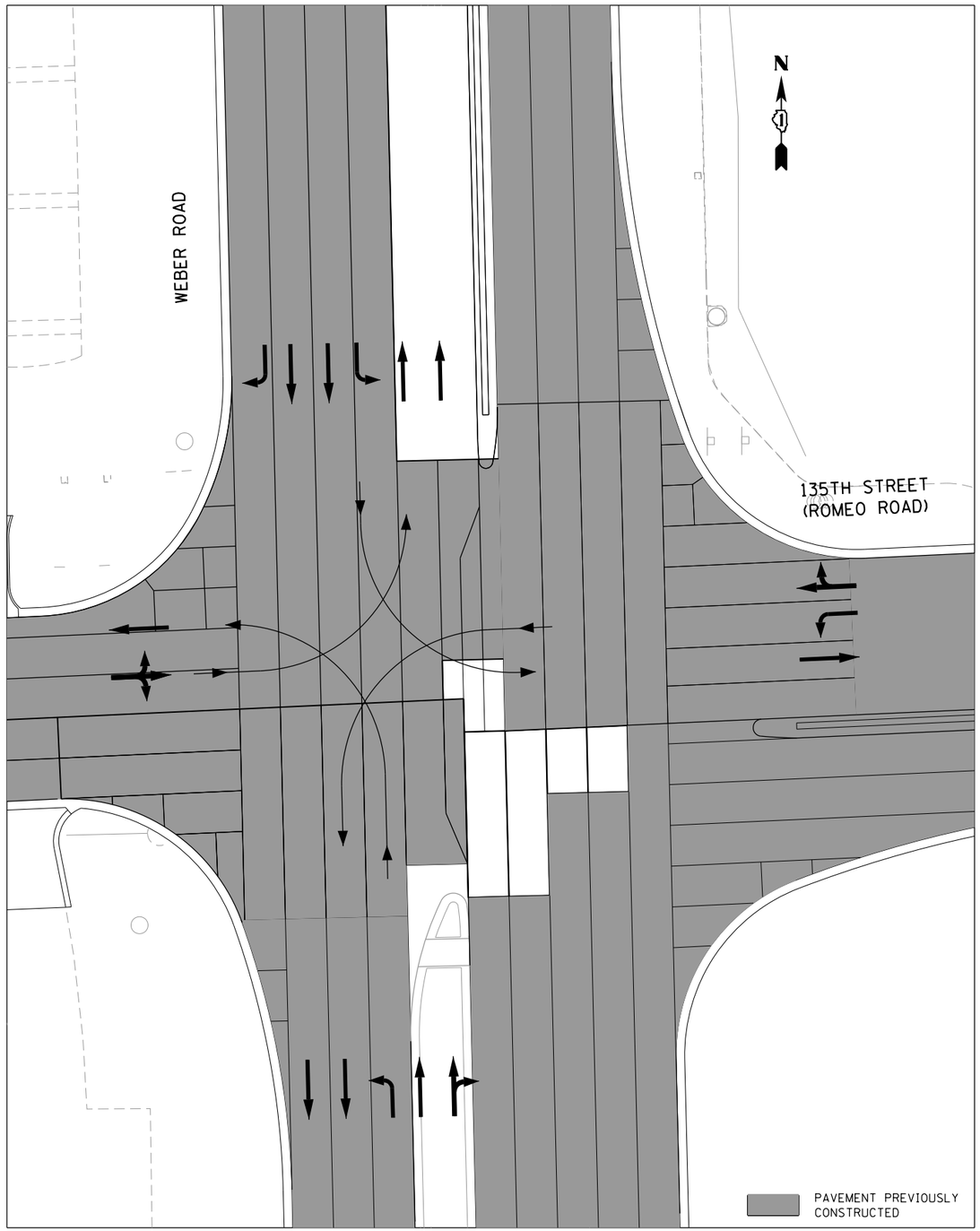
MAINTENANCE OF TRAFFIC – INTERSECTION STAGING
135TH STREET /ROMEO ROAD

SCALE: N.T.S. | SHEET 2 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	86
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		



STAGE 2



STAGE 2B

FILE NAME = D:\60X11-sht-intersec-mot-3.dgn

thomas engineering group
service at the highest grade

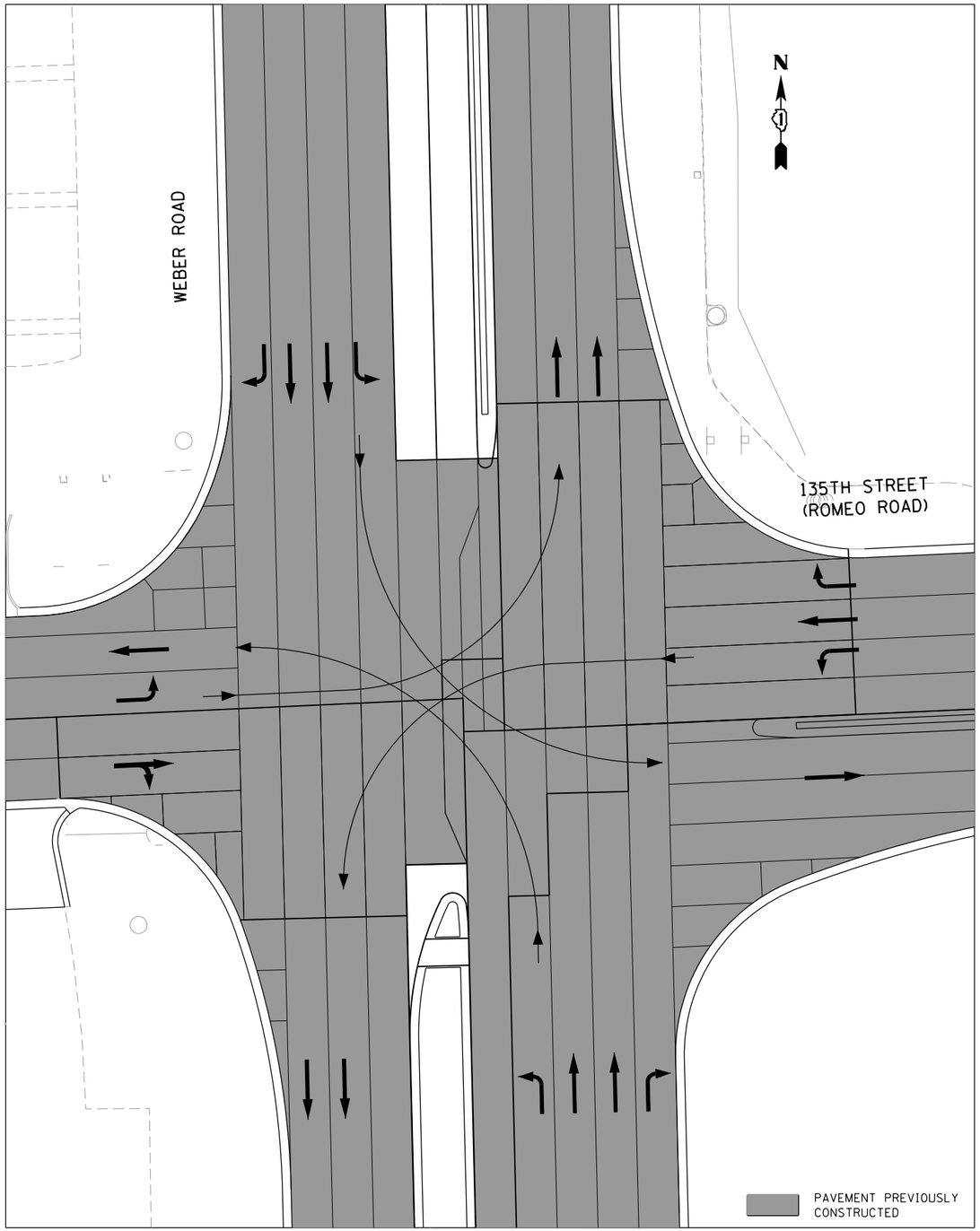
USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

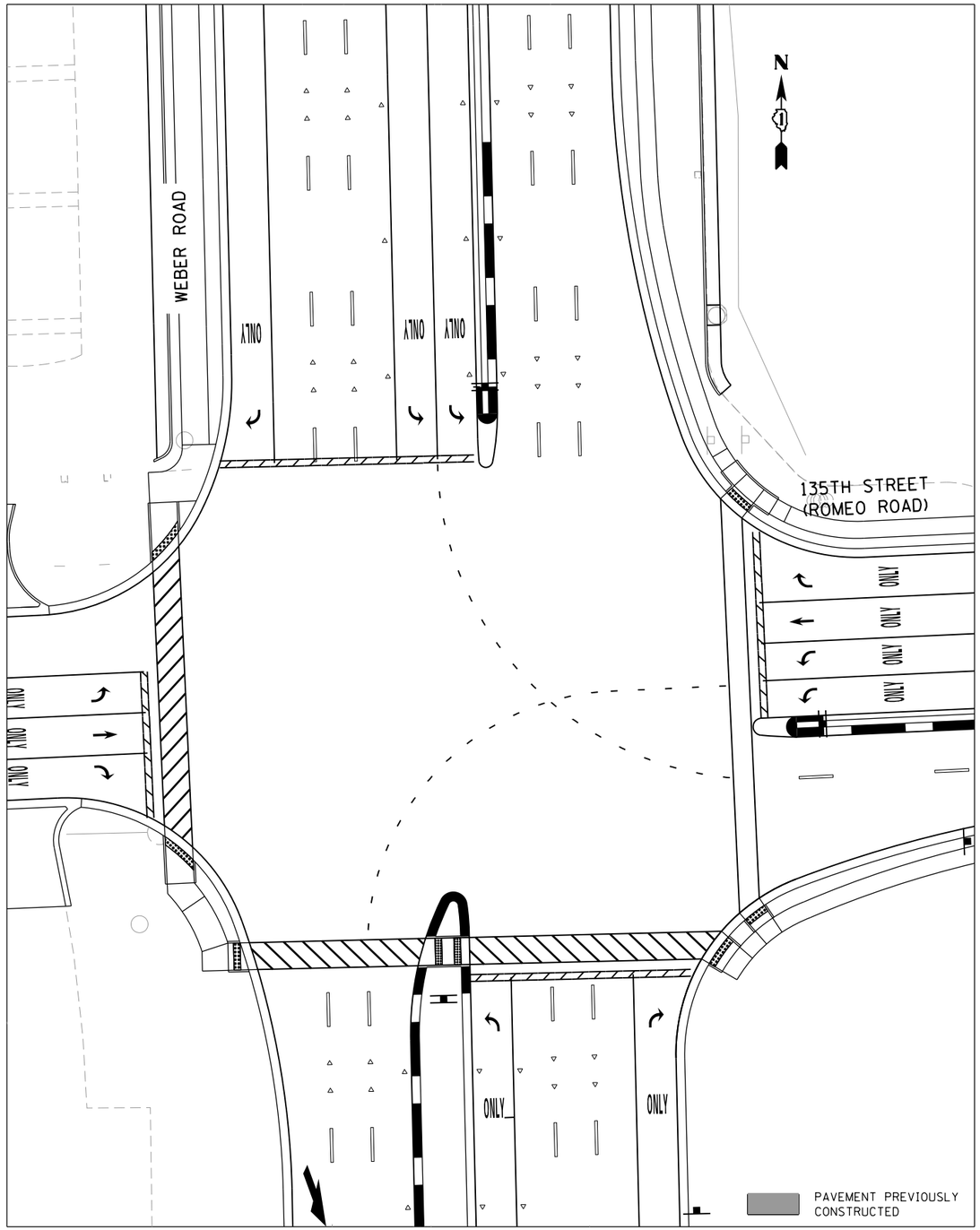
MAINTENANCE OF TRAFFIC – INTERSECTION STAGING
135TH STREET /ROMEO ROAD

SCALE: N.T.S. | SHEET 3 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	87
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



STAGE 3



PROPOSED DESIGN

FILE NAME = D16@X11-sht-intersec-mot-4.dgn

thomas engineering group
service at the highest grade

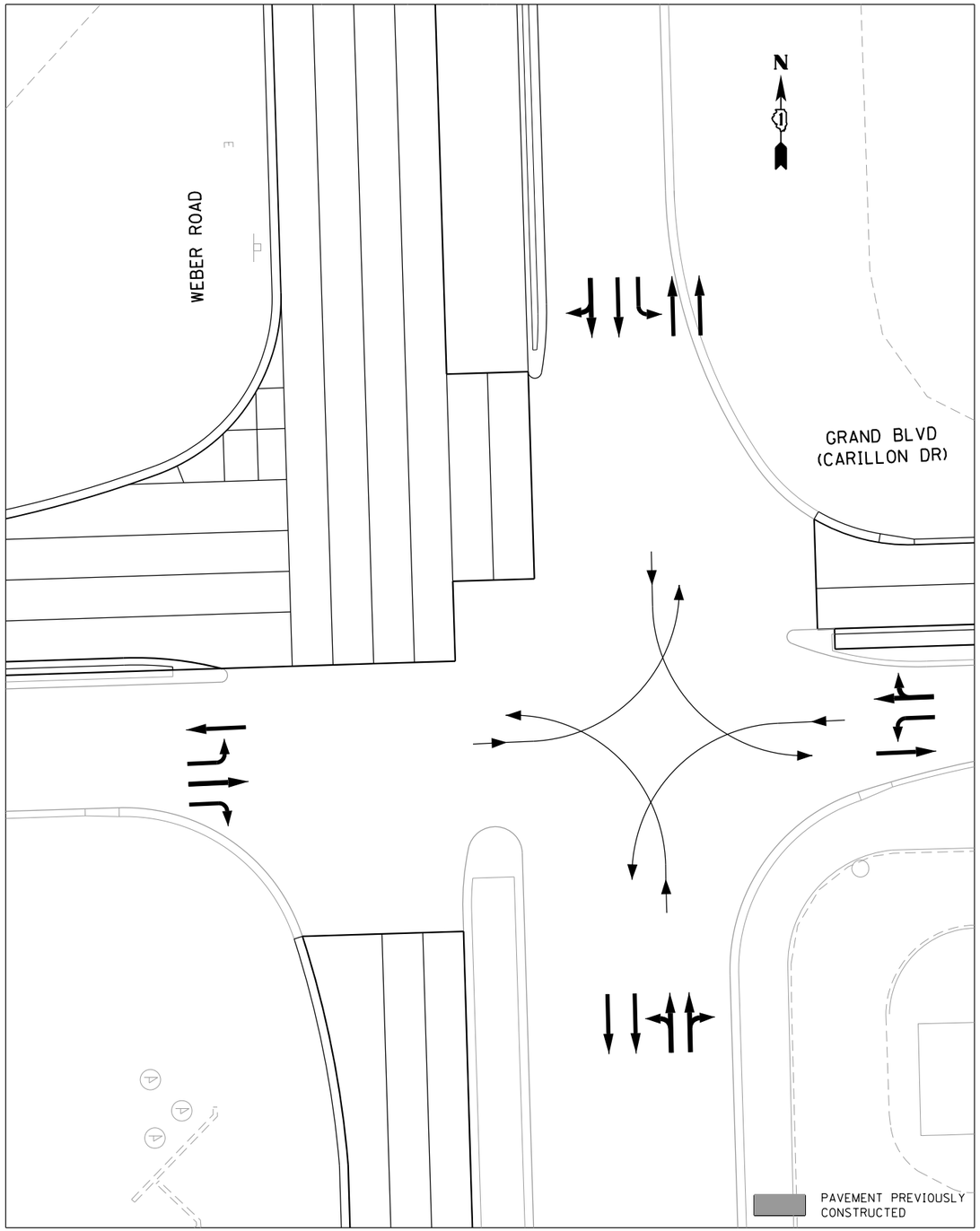
USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

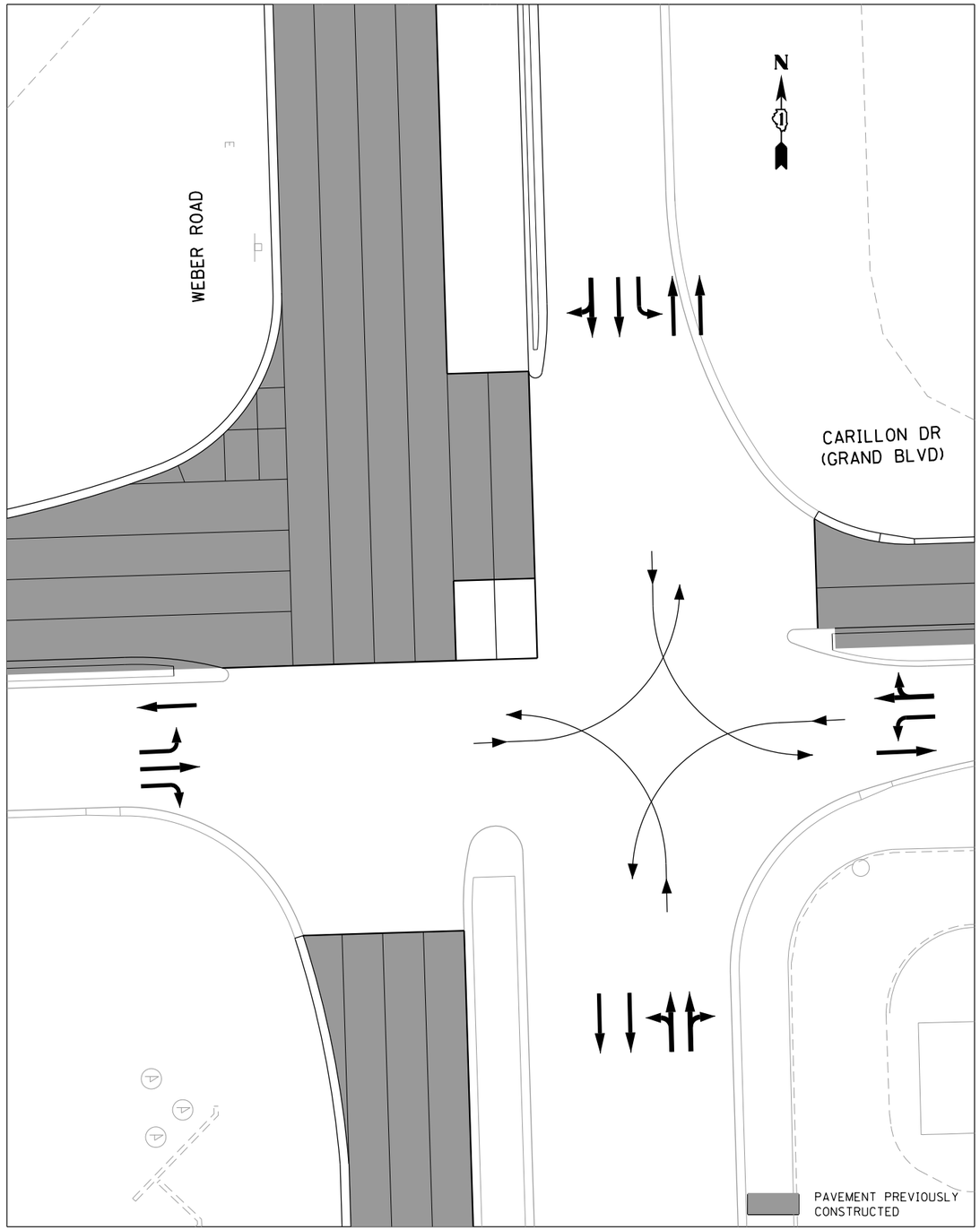
MAINTENANCE OF TRAFFIC – INTERSECTION STAGING
135TH STREET /ROMEO ROAD

SCALE: N.T.S. | SHEET 4 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	88
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



STAGE 1



STAGE 1B

FILE NAME = D16@X1-sht-intersec-mot-5.dgn

thomas engineering group
service at the highest grade

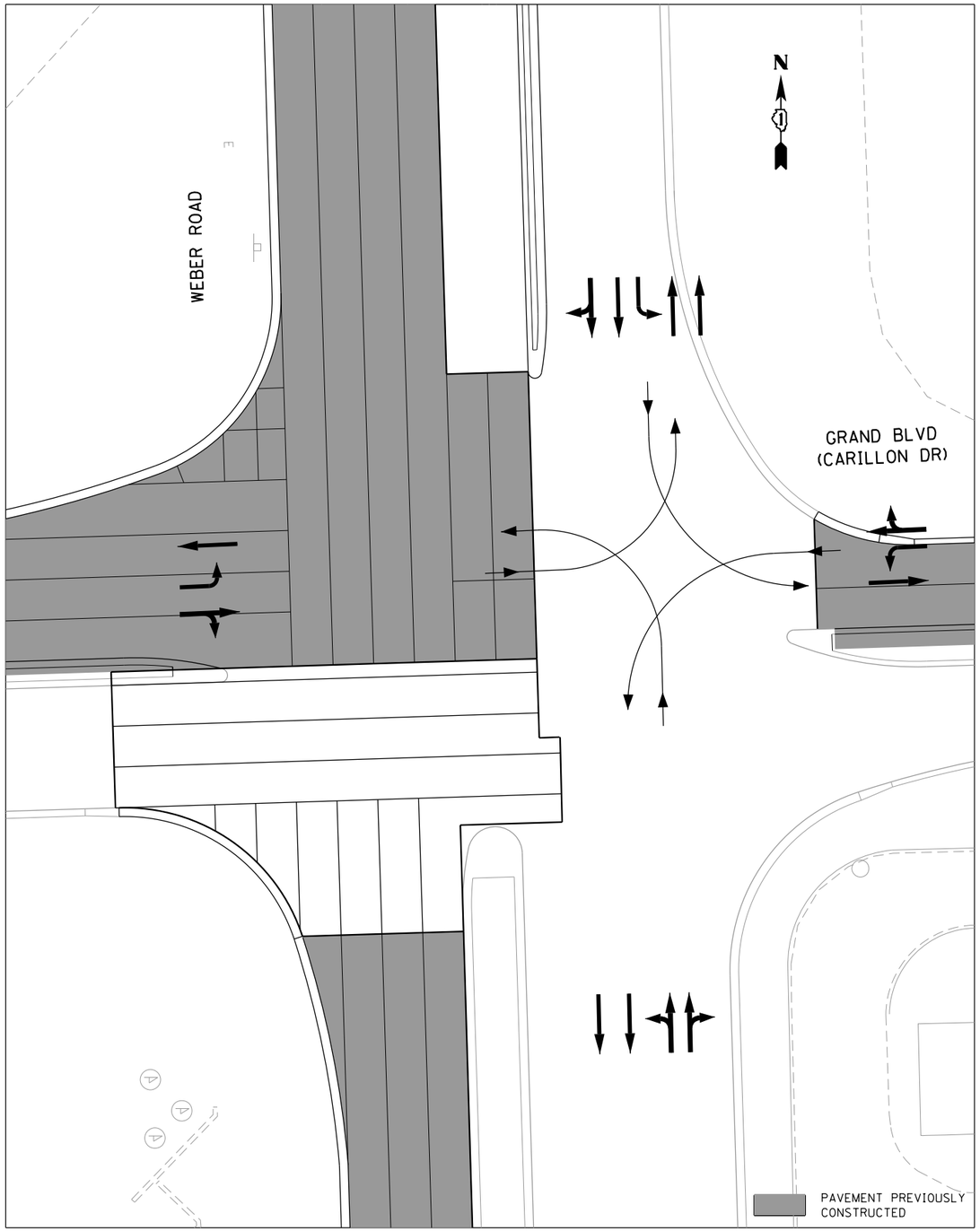
USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

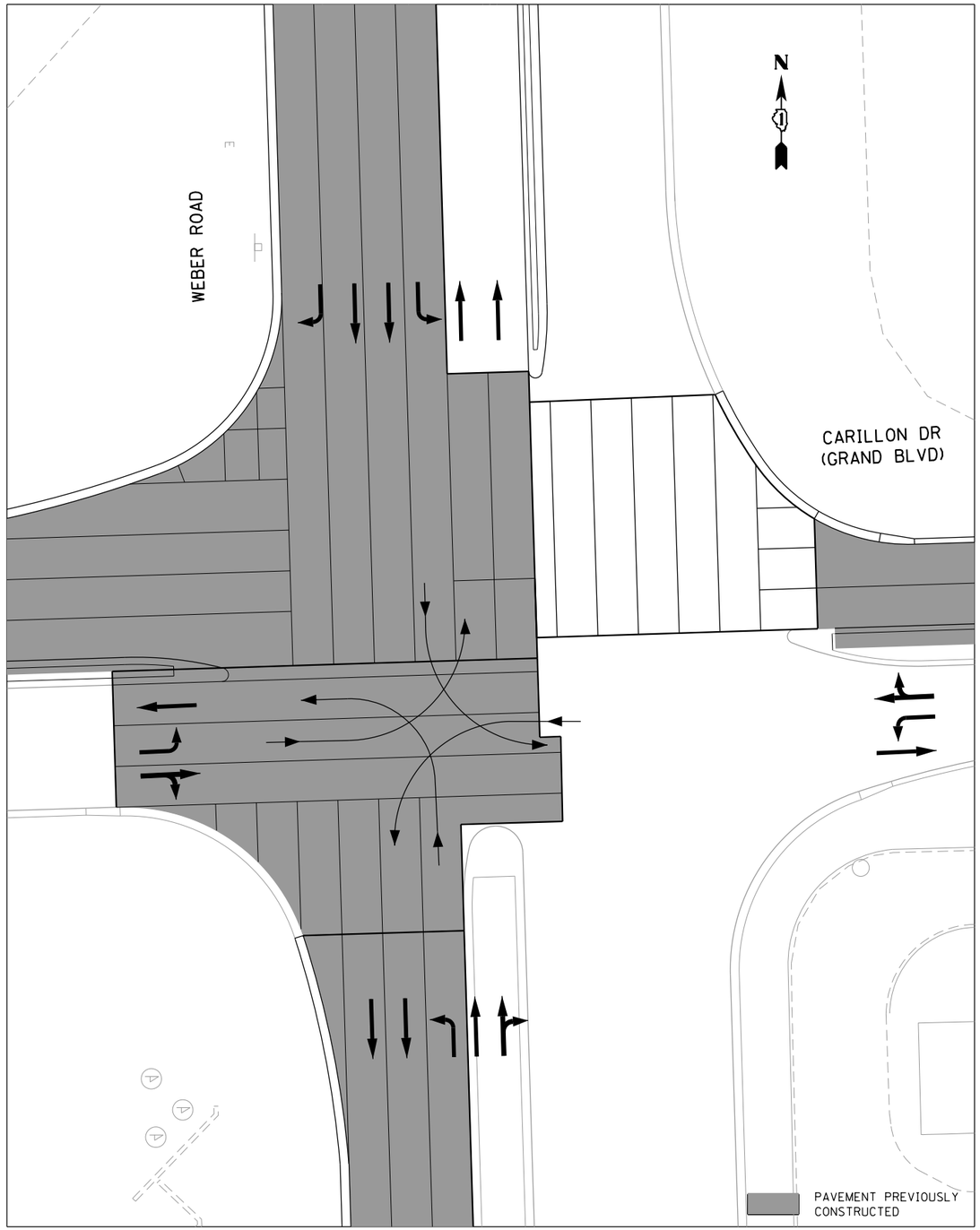
MAINTENANCE OF TRAFFIC – INTERSECTION STAGING
CARILLON DRIVE (GRAND BOULEVARD)

SCALE: N.T.S. | SHEET 5 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	89
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



SUB–STAGE 1



PRE–STAGE 2

FILE NAME = D160X1-sht-intersec-mot-6.dgn

thomas engineering group
service at the highest grade®

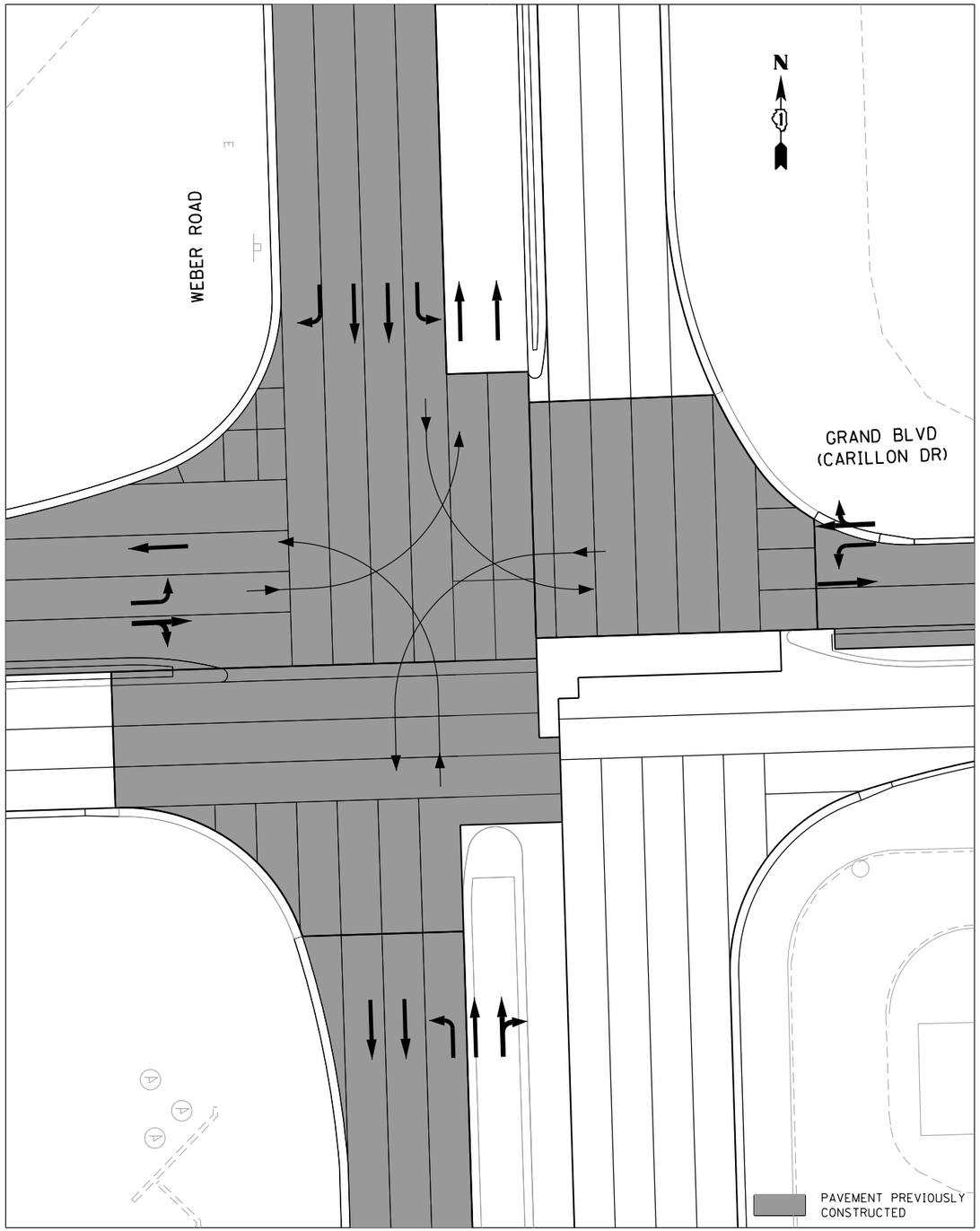
USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

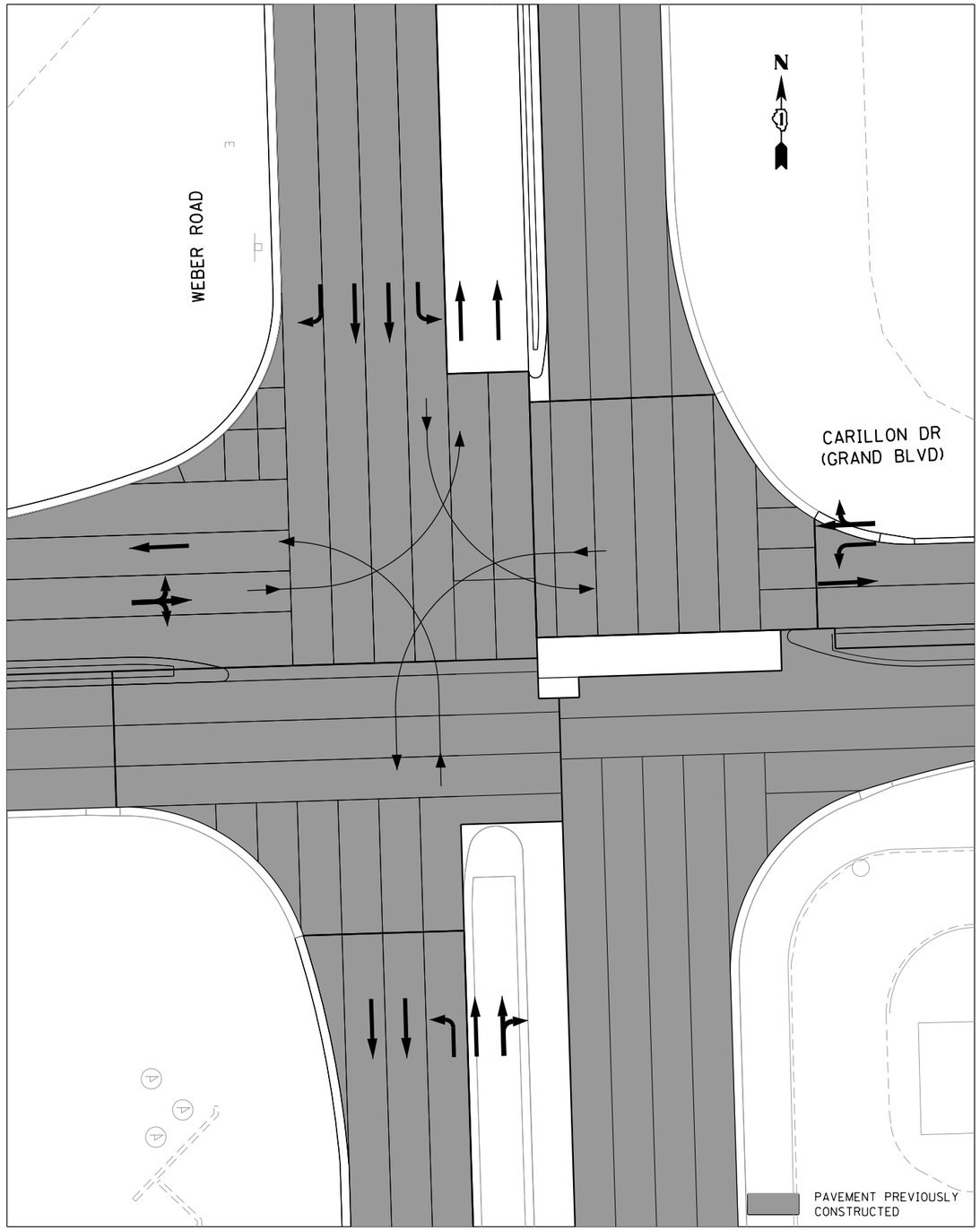
MAINTENANCE OF TRAFFIC – INTERSECTION STAGING
CARILLON DRIVE (GRAND BOULEVARD)

SCALE: N.T.S. | SHEET 6 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	90
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



STAGE 2



STAGE 2B

FILE NAME = D160X11-sht-intersec-mot-7.dgn

thomas engineering group
service at the highest grade

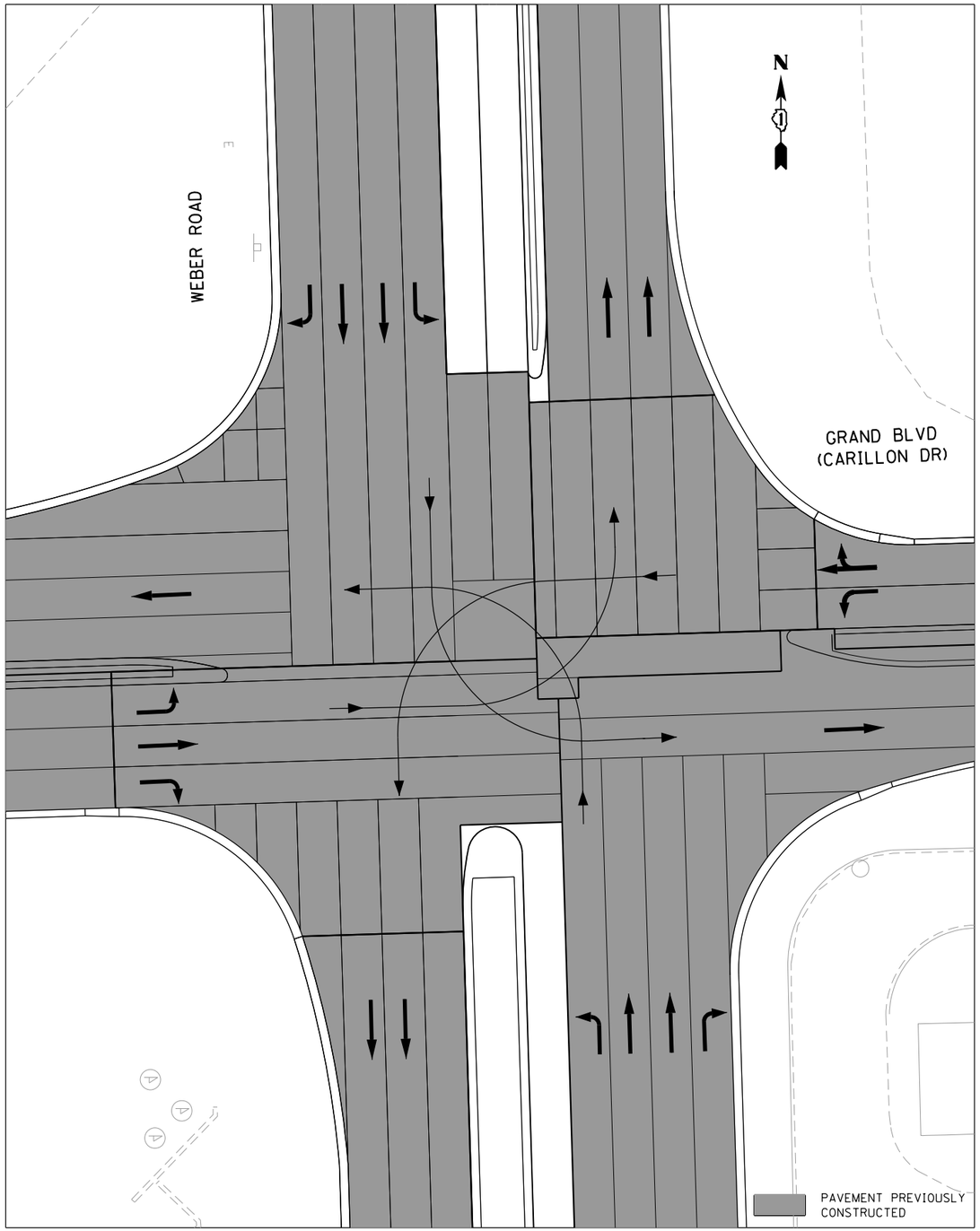
USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

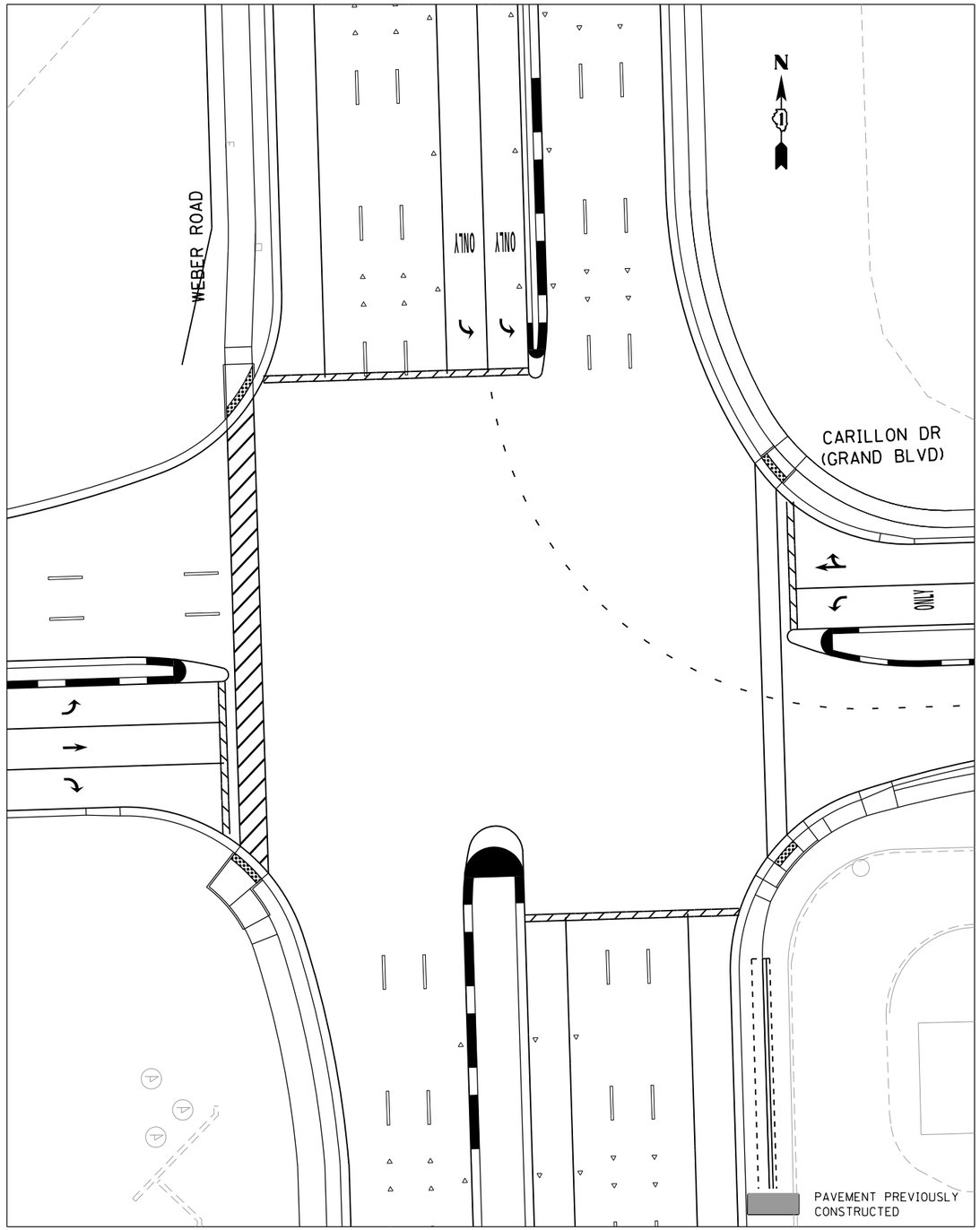
MAINTENANCE OF TRAFFIC – INTERSECTION STAGING
CARILLON DRIVE (GRAND BOULEVARD)

SCALE: N.T.S. | SHEET 7 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	91
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



STAGE 3



PROPOSED DESIGN

FILE NAME = D160X11-sht-intersec-mot-8.dgn

thomas engineering group
service of the highest grade

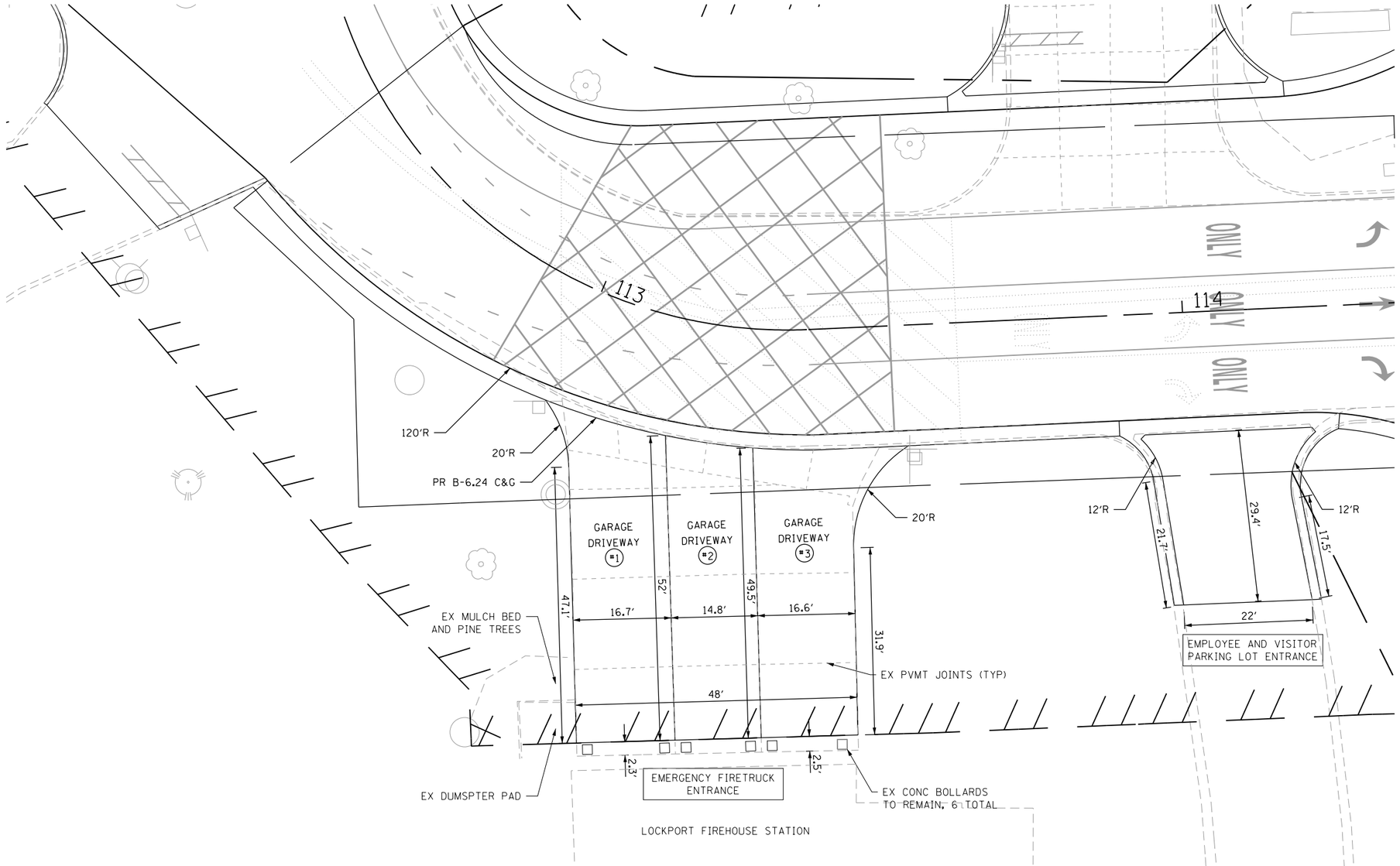
USER NAME = TEG	DESIGNED -	REVISED - 3/3/2015
	DRAWN -	REVISED - 6/19/2015
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – INTERSECTION STAGING
CARILLON DRIVE (GRAND BOULEVARD)

SCALE: N.T.S. | SHEET 8 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	92
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



EMERGENCY FIRETRUCK ENTRANCE CONSTRUCTION SEQUENCE

1. DURING STAGE 2 OF THE SUGGESTED MAINTENANCE OF TRAFFIC, CONTRACTOR IS TO REMOVE EXISTING PAVEMENT WITHIN GARAGE DRIVEWAY 1 AND 2. CONTRACTOR IS TO ASSURE THE LOCKPORT FIREHOUSE EMERGENCY VEHICLES MAY ENTER AND EXIT GARAGE DRIVEWAY 3 AND THE EMPLOYEE AND VISITOR PARKING LOT ENTRANCE AT ALL TIMES OF THE DAY AND WEEK DURING THE CONSTRUCTION AND CURING OF DRIVEWAYS 1 AND 2.

2. CONTRACTOR IS TO CONSTRUCT THE PROPOSED (PCC) DRIVEWAY IMPROVEMENTS FOR GARAGE DRIVEWAY 1 AND 2 PAVEMENT AREA. CONTRACTOR IS TO ASSURE CONSTRUCTION EQUIPMENT, TRAFFIC CONTROL DEVICES, OR ANY OTHER OBSTRUCTIONS DO NOT BLOCK THE EMPLOYEE AND VISITOR PARKING LOT ENTRANCE IN CASE AN EMERGENCY FIRETRUCK MUST BE TEMPORARILY PARKED FOR EMERGENCY RESPONDENCE DURING DRIVEWAY 1 AND 2 CONSTRUCTION.

3. UPON THE COMPLETION OF THE CONSTRUCTION OF DRIVEWAY 1 AND 2, CONTRACTOR IS TO REMOVE THE EXISTING PAVEMENT IN DRIVEWAY 3. CONTRACTOR IS TO CONSTRUCT THE REMAINING OF THE PROPOSED (PCC) DRIVEWAY IMPROVEMENTS FOR GARAGE DRIVEWAY 3. CONTRACTOR IS TO ASSURE THERE IS FULL ACCESS FOR THE EMERGENCY FIRETRUCKS TO DRIVEWAYS 1 AND 2 DURING THIS CONSTRUCTION.

FILE NAME = D1601l-sht-staging-firehouse.dgn

thomas engineering group service of the highest grade®

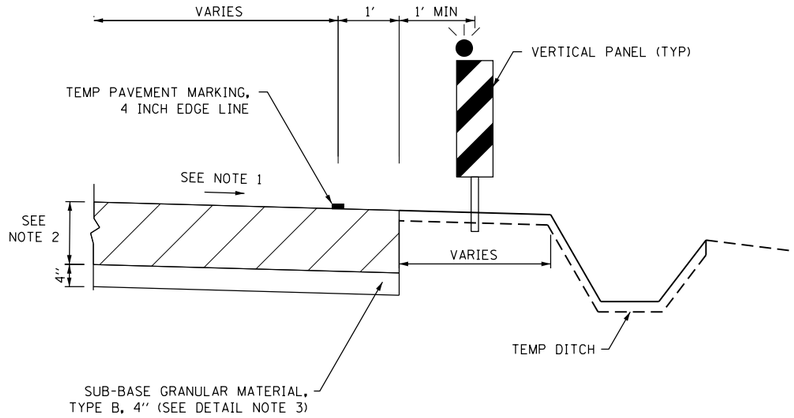
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 20.0000 ' / in.	CHECKED - BLP	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

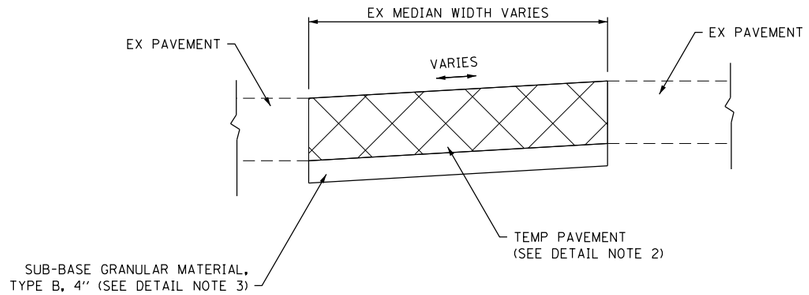
MAINTENANCE OF TRAFFIC
FIRE STATION DRIVEWAY

SCALE: 1"=5' | SHEET OF SHEETS | STA. | TO STA.

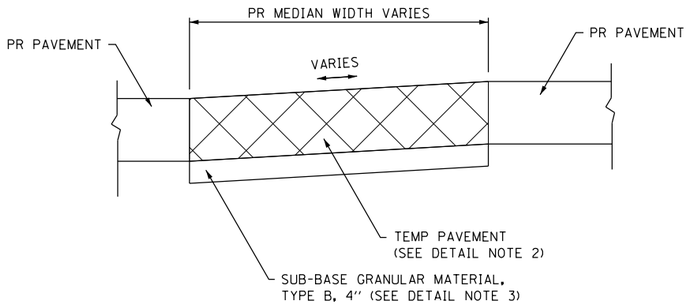
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	93
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



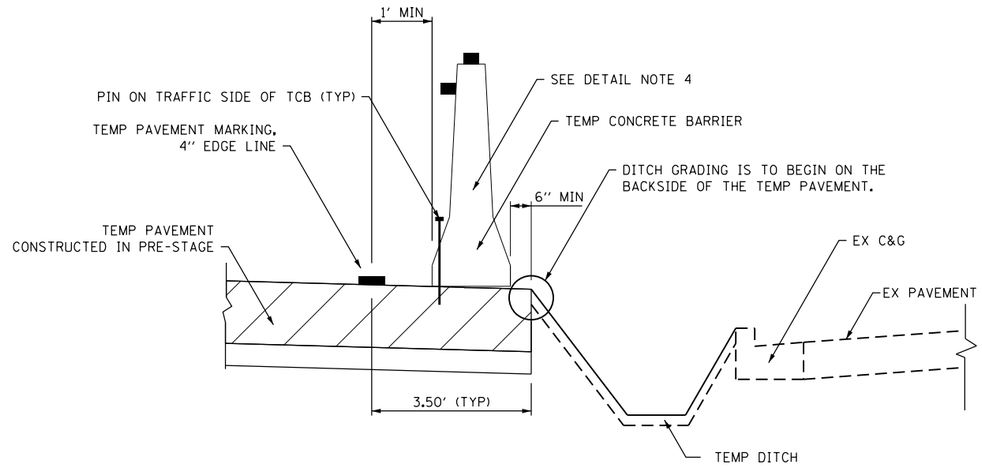
TEMPORARY PAVEMENT DETAIL



EXISTING MEDIAN TEMPORARY PAVEMENT DETAIL



PROPOSED MEDIAN PAVEMENT DETAIL



STAGE 1 PINNED TCB DETAIL

TEMPORARY AND PROPOSED PAVEMENT DETAIL NOTES

1. CROSS SLOPE OF TEMPORARY PAVEMENT SHALL MATCH THE CROSS SLOPE OF THE ADJACENT EXISTING OR PROPOSED PAVEMENT, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
2. THE TEMPORARY PAVEMENT SHALL BE CONSTRUCTED OF EITHER HOT-MIX ASPHALT OR CLASS PV CONCRETE. SEE PAVEMENT MATERIALS MIX CHART IN MOT TYPICAL SECTION SHEETS FOR MATERIAL REQUIREMENTS.
3. SUB-BASE GRANULAR MATERIAL, TYPE B 4'' SHALL BE PAID FOR SEPARATELY FROM THE COST OF TEMPORARY PAVEMENT.
4. DETAIL APPLIES TO TCB IN STAGE 1 BETWEEN THE INTERSECTIONS ON THE EAST SIDE OF WEBER AS SHOWN IN THE STAGING PLANS.

FILE NAME = D:\60\11-sht-staging005.dgn

thomas engineering group
service at the highest grade

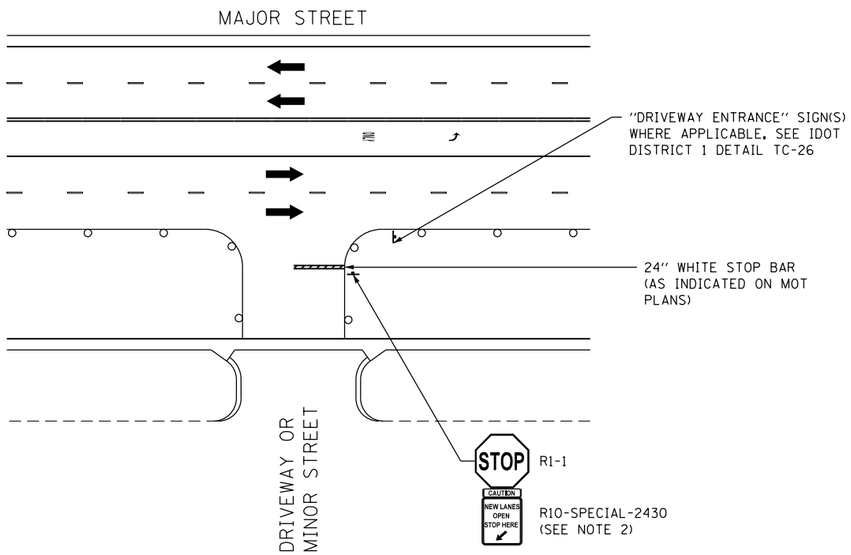
USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 2.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

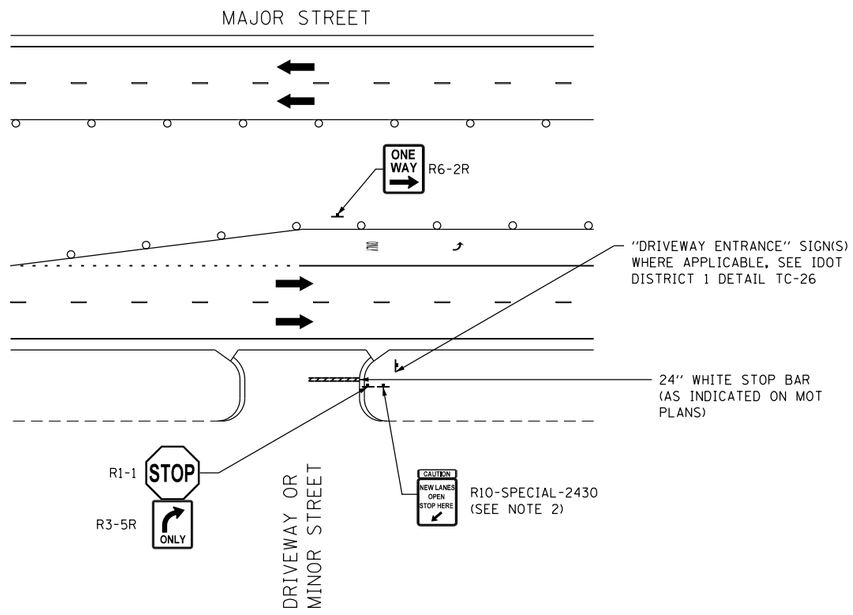
MAINTENANCE OF TRAFFIC DETAILS

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	94
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



NEW TRAFFIC LANES OPEN OFFSET FROM EDGE OF PAVEMENT



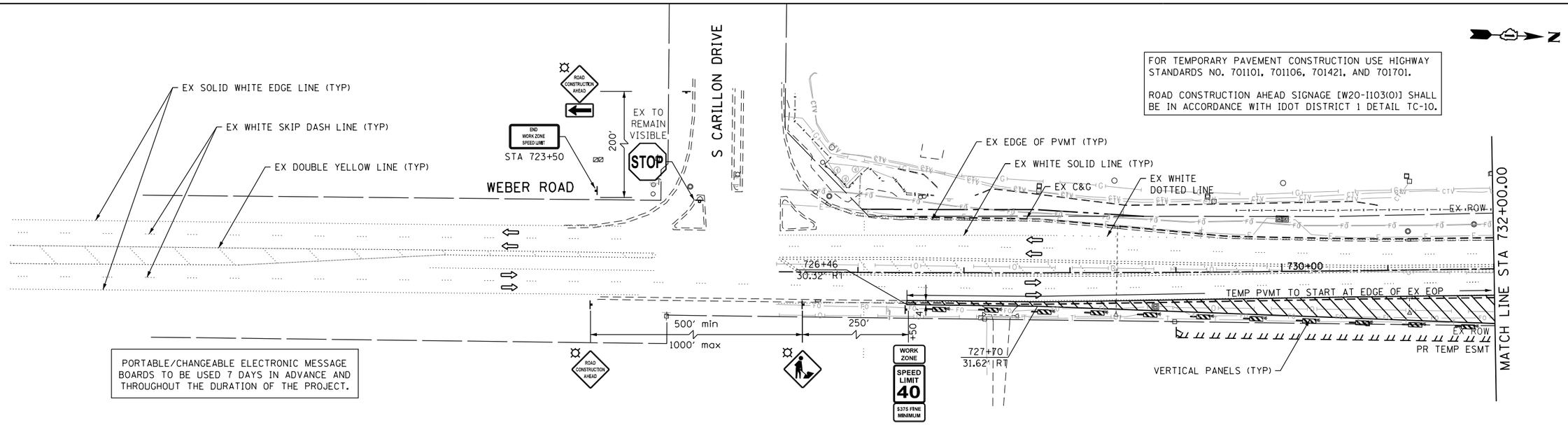
NEW TRAFFIC LANES OPEN ADJACENT TO EDGE OF PAVEMENT

TEMPORARY INFORMATION SIGNING AT DRIVEWAYS/SIDE ROADS NOTES

1. SIGNS SHOWN WITH R10-SPECIAL ON THE MOT PLANS OR THIS DETAIL SHALL BE INSTALLED ABOVE OR TO THE RIGHT OF THE STOP (R1-1) SIGNS. THE TYPICAL MOT SIGNS ARE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

2. R10-SPECIAL-2430 SIGNS USED AT THE COMMERCIAL ENTRANCES, PRIVATE DRIVEWAYS, OR INTERSECTIONS ARE TO BE MEASURED AND PAID FOR SEPARATELY UNDER TEMPORARY INFORMATION SIGNING. THESE SIGNS WILL NOT BE REMEASURED FOR PAYMENT IN SUBSEQUENT STAGES. THE RELOCATION OF THESE SIGNS SHALL BE INCLUDED IN THE COST FOR TEMPORARY INFORMATION SIGNING.

3. R10-SPECIAL-2430 SIGNS ARE TO BE INSTALLED AT ALL DRIVEWAYS AND SIDE ROADS WITHIN THE PROJECT LIMITS, EVEN IF NOT DISPLAYED IN THE STAGING PLANS.



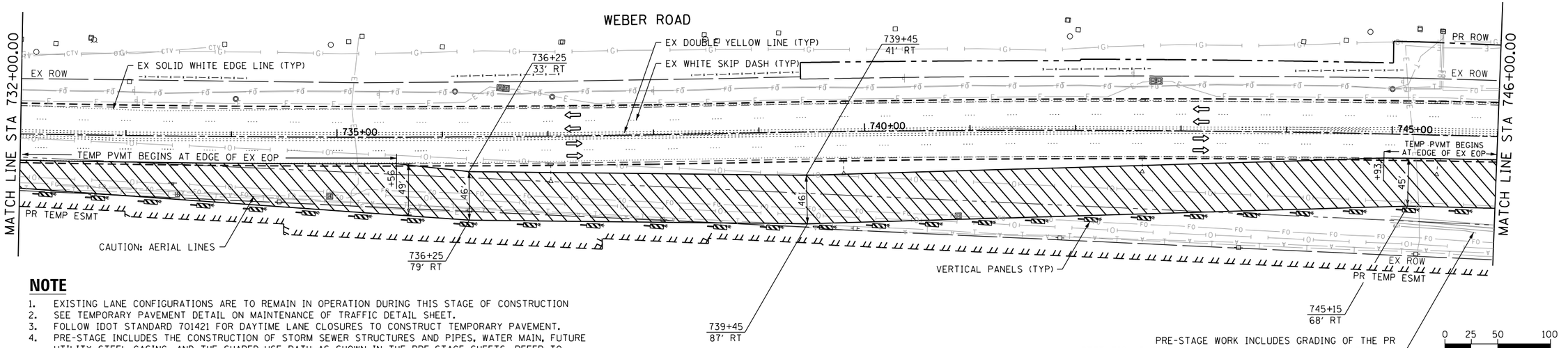
TEMPORARY PAVEMENT MARKING LEGEND

- (A) TEMPORARY PAVEMENT MARKING - LINE 4", SOLID WHITE (70300220)
- (B) TEMPORARY PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (70300220)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4", SOLID YELLOW (70300220)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4", DOUBLE YELLOW (70300220)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6", SOLID WHITE (70300240)
- (F) TEMPORARY PAVEMENT MARKING - LINE 6", WHITE DOTTED (70300240)
- (G) TEMPORARY PAVEMENT MARKING - LINE 12", SOLID YELLOW (70300260)
- (H) TEMPORARY PAVEMENT MARKING - LINE 24", SOLID WHITE (70300280)
- (I) TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS (70300210)
- (J) PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID WHITE (70300904)
- (K) PAVEMENT MARKING TAPE, TYPE IV - LINE 4", WHITE SKIP-DASH (70300904)
- (L) PAVEMENT MARKING TAPE, TYPE IV - LINE 4", SOLID YELLOW (70300904)
- (M) PAVEMENT MARKING TAPE, TYPE IV - LINE 4", DOUBLE YELLOW (70300904)
- (N) PAVEMENT MARKING TAPE, TYPE IV - LINE 6", SOLID WHITE (70300906)
- (O) PAVEMENT MARKING TAPE, TYPE IV - LINE 6", WHITE DOTTED (70300906)
- (P) PAVEMENT MARKING TAPE, TYPE IV - LINE 12", SOLID YELLOW (70300912)
- (R) PAVEMENT MARKING TAPE, TYPE IV - LINE 24", SOLID WHITE (70300924)
- (S) PAVEMENT MARKING TAPE, TYPE IV - LETTERS & SYMBOLS (70300900)

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT PLACED DURING THIS STAGE
- TEMPORARY PAVEMENT
- DRUM OR TYPE II BARRICADE*
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- VERTICAL PANEL*
- IMPACT ATTENUATORS, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TEMPORARY DITCH FLOW AND LOCATION
- ARROW BOARD

*TRAFFIC CONTROL DEVICE SPACING
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII



NOTE

1. EXISTING LANE CONFIGURATIONS ARE TO REMAIN IN OPERATION DURING THIS STAGE OF CONSTRUCTION
2. SEE TEMPORARY PAVEMENT DETAIL ON MAINTENANCE OF TRAFFIC DETAIL SHEET.
3. FOLLOW IDOT STANDARD 701421 FOR DAYTIME LANE CLOSURES TO CONSTRUCT TEMPORARY PAVEMENT.
4. PRE-STAGE INCLUDES THE CONSTRUCTION OF STORM SEWER STRUCTURES AND PIPES, WATER MAIN, FUTURE UTILITY STEEL CASING, AND THE SHARED-USE PATH AS SHOWN IN THE PRE-STAGE SHEETS. REFER TO DRAINAGE AND UTILITY PLAN & PROFILES AND SPECIAL PROVISIONS FOR MORE INFORMATION.
5. ANY EXISTING PAVEMENT DISTURBED DUE TO DRAINANGE AND UTILITY ACTIVITIES SHALL BE REPLACED WITH AND PAID FOR AS CLASS D PATCHES, TYPE III, 13 INCH.

FILE NAME = D160X11-sht-stagng01.dgn

thomas engineering group
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USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
WEBER ROAD – PRE STAGE 1

SCALE: 1"=50' | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	96
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

FOR TEMPORARY PAVEMENT CONSTRUCTION USE HIGHWAY STANDARDS NO. 701101, 701106, 701421, AND 701701.

ROAD CONSTRUCTION AHEAD SIGNAGE [W20-I103(D)] SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL TC-10.

135TH STREET (ROMEO ROAD)

WORK ZONE SPEED LIMIT 40 $375 FINE MINIMUM

INSTALL 12" DI WM IN 24" STEEL CASING

EX EOP (TYP)

PR ROW

EX ROW

MATCH LINE STA 746+00.00

PR TEMP ESMT

REMOVE EX 12" DI WATER MAIN

CONSTRUCT PART OF PR SHARED-USE PATH AND TEMP SIDEWALK FOR PEDESTRIAN USE

CONSTRUCT PR DRAINAGE STRUCTURES AND STORM SEWER SHOWN IN PRE-STAGE. REFER TO DRAINAGE PLAN & PROFILE SHEETS FOR STRUCTURE AND PIPE NUMBERS (TYP)

WEBER ROAD

PR TEMP ESMT

PR ROW

MATCH LINE STA 760+00.00

750+00

755+00

TEMP PVMT BEGINS AT EDGE OF EX EOP

TEMP PVMT BEGINS AT EDGE OF EX EOP

45'

36'

46'

748+20
68' RT

40'R

751+75.63
77.50' RT

752+80
78.50' RT

754+15
65.50' RT

755+22
65.50' RT

PR TEMP ESMT

PINNED TEMP CONC BARRIER (TYP)

REMOVE EX C&G (TYP)

749+40
83' RT

749+53.55
83' RT

750+93.3
118.89' RT

754+89.56
65' RT

CAUTION: AERIAL LINES

PRE-STAGE WORK INCLUDES GRADING OF THE PR DETENTION BASIN AS SHOWN IN THE STAGING CROSS SECTIONS

REMOVE EX CHANNELIZATION ISLAND & REPLACE WITH TEMP PVMT

WORK ZONE SPEED LIMIT 40 $375 FINE MINIMUM

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT PLACED DURING THIS STAGE
- TEMPORARY PAVEMENT
- DRUM OR TYPE II BARRICADE*
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- VERTICAL PANEL*
- IMPACT ATTENUATORS, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TEMPORARY DITCH FLOW AND LOCATION
- ARROW BOARD

*TRAFFIC CONTROL DEVICE SPACING
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

TEMP SIDEWALK NEAR EX ENTRANCES TO TIE INTO EX PVMT

760+74.41
44.79' LT

760+43.53
44.78' LT

CONSTRUCT PART OF PR SHARED-USE PATH AND TEMP SIDEWALK FOR PEDESTRIAN USE

CONSTRUCT PR DRAINAGE STRUCTURES AND STORM SEWER SHOWN IN PRE-STAGE. REFER TO DRAINAGE PLAN & PROFILE SHEETS FOR STRUCTURE AND PIPE NUMBERS

N. CARILLON DRIVE

WEBER ROAD

CONSTRUCT PR DRAINAGE STRUCTURES AND STORM SEWER SHOWN IN PRE-STAGE. REFER TO DRAINAGE PLAN & PROFILE SHEETS FOR STRUCTURE AND PIPE NUMBERS

PR TEMP ESMT

PR ROW

EX ROW

MATCH LINE STA 760+00.00

MATCH LINE STA 774+00.00

760+00

765+00

770+00

TEMP PVMT BEGINS AT EDGE OF EX EOP

40'

30'

24'

44'

PR TEMP ESMT

762+15
65.50' RT

763+95
72.50' RT

764+41.65
72.50' RT

40'R

765+49.50
72' RT

766+60
72' RT

767+80
65' RT

772+20
56' RT

VERTICAL PANELS (TYP)

PR TEMP ESMT

REMOVE EX C&G (TYP)

PINNED TEMP CONC BARRIER

236+22.58
39' RT

WORK ZONE SPEED LIMIT 40 $375 FINE MINIMUM

INSTALL 12" DI WM IN 24" STEEL CASING

GRAND BLVD.

0 25 50 100

HORIZONTAL SCALE IN FEET

FILE NAME = D:\60\11-sht-staging02.dgn

thomas engineering group service at the highest grade

USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
	DRAWN - JBH	REVISED - 6/19/2015	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016	
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

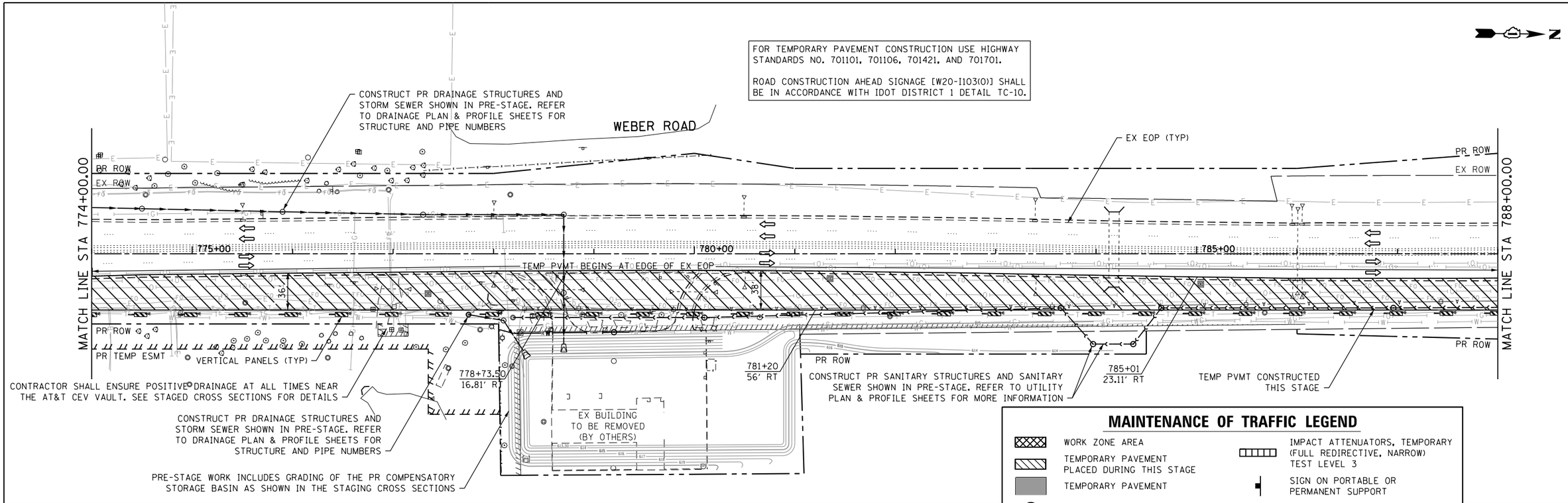
MAINTENANCE OF TRAFFIC
WEBER ROAD – PRE STAGE 1

SCALE: 1"=50' | SHEET 2 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	97
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

FOR TEMPORARY PAVEMENT CONSTRUCTION USE HIGHWAY STANDARDS NO. 701101, 701106, 701421, AND 701701.

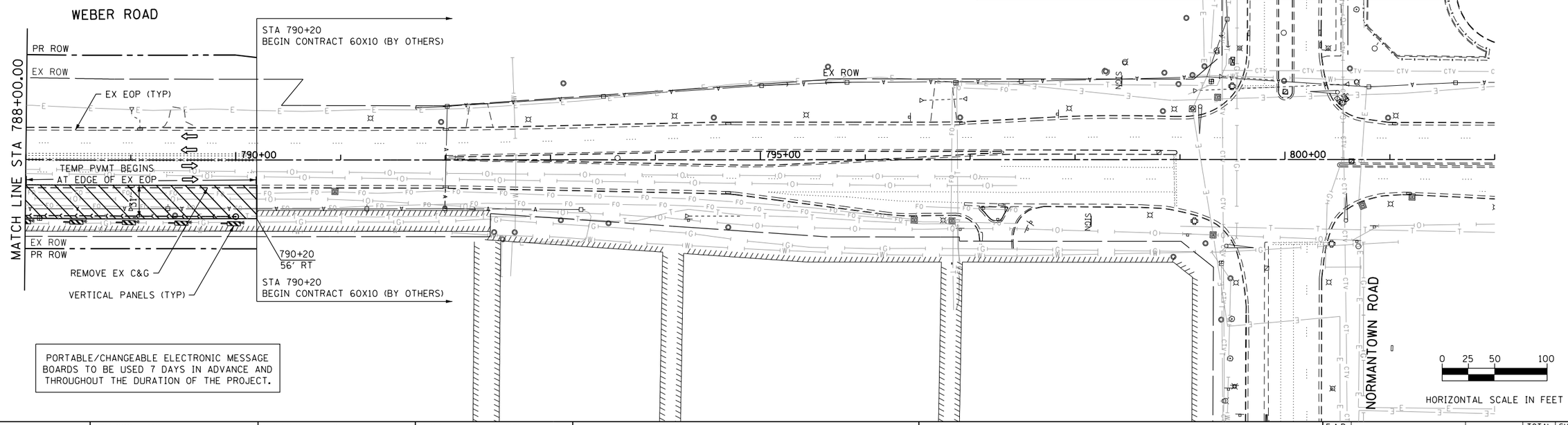
ROAD CONSTRUCTION AHEAD SIGNAGE [W20-1103(0)] SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL TC-10.



MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT PLACED DURING THIS STAGE
- TEMPORARY PAVEMENT
- DRUM OR TYPE II BARRICADE*
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- VERTICAL PANEL*
- IMPACT ATTENUATORS, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TEMPORARY DITCH FLOW AND LOCATION
- ARROW BOARD

*TRAFFIC CONTROL DEVICE SPACING
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII



PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS TO BE USED 7 DAYS IN ADVANCE AND THROUGHOUT THE DURATION OF THE PROJECT.

FILE NAME = D160X11-sht-staging03.dgn

thomas engineering group
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USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015
	DRAWN - JBH	REVISED - 6/19/2015
PLOT SCALE = 100.0000 ' / in.	CHECKED - CRC	REVISED - 9/27/2016
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
WEBER ROAD – PRE STAGE 1

SCALE: 1"=50' | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	98
		CONTRACT NO. 61D47		
		ILLINOIS FED. AID PROJECT		

PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS TO BE USED 7 DAYS IN ADVANCE AND THROUGHOUT THE DURATION OF THE PROJECT.

BP GAS STATION

WEBER ROAD

CONSTRUCT PART OF PR SHARED-USE PATH AND TEMP SIDEWALK FOR PEDESTRIAN USE (TYP).

FOR TEMPORARY PAVEMENT CONSTRUCTION USE HIGHWAY STANDARDS NO. 701101, 701106, 701421, AND 701701.

ROAD CONSTRUCTION AHEAD SIGNAGE [W20-I103(O)] SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL TC-10.

135TH STREET
(ROMEO ROAD)

INSTALL 12" DI WM IN 24" STEEL CASING

EX EOP (TYP)

TEMP SIDEWALK NEAR EX ENTRANCES TO TIE INTO EX PVMT (TYP).

EX ROW

MATCHLINE STA 124+00.00

112+50
31.65' RT

TEMP PVMT CONSTRUCTED IN THIS STAGE

VERTICAL PANELS (TYP)

TEMP PVMT ALONG EX EOP

115+00

120+00

TEMP PVMT BEGINS AT EDGE OF EX EOP

113+37.60
24' RT

113+95.60
30.56' RT

113+44.73
24' RT

114+17.70
33.42' RT

114+30
35' RT

114+82.39
35' RT

LOCKPORT
FIRE STATION

750+00

750+93
118.89' RT

CAUTION: AERIAL LINES

119+08
38' RT

121+78
39' RT

123+80
34' RT

123+87
33.40' RT

PR ROW

INSTALL 12" DI WM IN 24" STEEL CASING

CONSTRUCT PR DRAINAGE STRUCTURES AND STORM SEWER SHOWN IN PRE-STAGE. REFER TO DRAINAGE PLAN & PROFILE SHEETS FOR STRUCTURE AND PIPE NUMBERS

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT PLACED DURING THIS STAGE
- TEMPORARY PAVEMENT
- DRUM OR TYPE II BARRICADE*
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- VERTICAL PANEL*
- IMPACT ATTENUATORS, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TEMPORARY DITCH FLOW AND LOCATION
- ARROW BOARD

*TRAFFIC CONTROL DEVICE SPACING
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

N

135TH STREET
(ROMEO ROAD)

CLAIRE AVENUE

FRIEH DR

MATCHLINE STA 124+00.00

EX ROW

PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS TO BE USED 7 DAYS IN ADVANCE AND THROUGHOUT THE DURATION OF THE PROJECT.

125+00

130+00

135+00

PR TEMP ESMT

124+40
33.30' RT

CAUTION: AERIAL LINES

EX EOP (TYP)

EX DOUBLE YELLOW LINE

EX SKIP DASH WHITE LINE

EX WHITE SOLID LINE

0 25 50 100

HORIZONTAL SCALE IN FEET

FILE NAME = D1601X1-sht-staging04.dgn

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USER NAME = TEG	DESIGNED - RO	REVISED - 3/3/2015	
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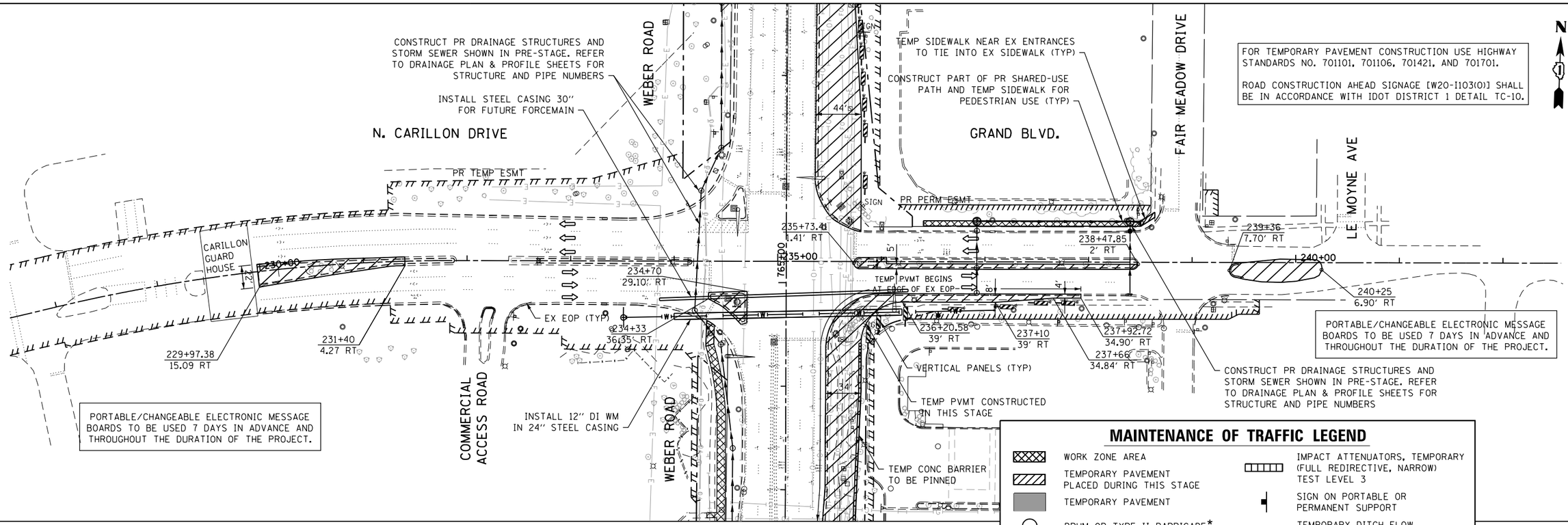
PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
135TH STREET (ROMEO ROAD) – PRE STAGE 1

SCALE: 1"=50' | SHEET 4 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	99
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			



MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT PLACED DURING THIS STAGE
- TEMPORARY PAVEMENT
- DRUM OR TYPE II BARRICADE*
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- VERTICAL PANEL*
- IMPACT ATTENUATORS, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TEMPORARY DITCH FLOW AND LOCATION
- ARROW BOARD

*TRAFFIC CONTROL DEVICE SPACING
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

0 25 50 100

HORIZONTAL SCALE IN FEET

FILE NAME = D160111-sht-staging05.dgn

thomas engineering group service of the highest grade®

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PLOT DATE = 11/14/2017	DATE - 11/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
N. CARILLON DRIVE /GRAND BLVD. – PRE STAGE 1

SCALE: 1"=50' | SHEET 5 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
856	14-00170-42-RP	WILL	394	100
		CONTRACT NO. 61D47		
	ILLINOIS FED. AID PROJECT			