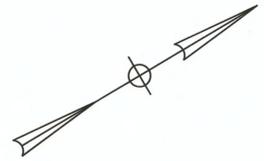


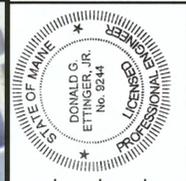
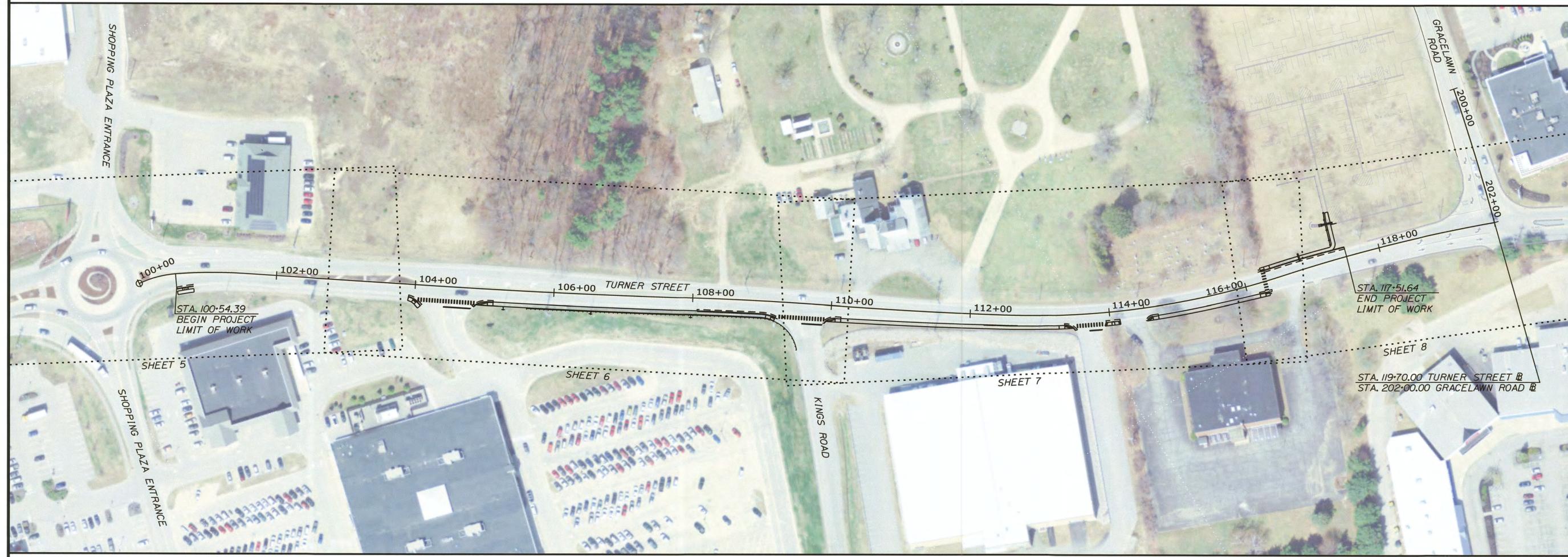
CITY OF AUBURN TURNER STREET SIDEWALK AUBURN, MAINE

ANDROSCOGGIN COUNTY
BID NUMBER: 2020-011
PROJECT LENGTH: 0.32 MILES



INDEX OF SHEETS	
Description	Sheet No.
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CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



SIGNATURE: *Donald C. Ettinger, Jr.*
 P.E. NUMBER: 9244
 DATE: 1-10-2020

PROJECT INFORMATION	
CITY DEPARTMENT	PUBLIC SERVICES
PROJECT MANAGER	ANTHONY BEAULIEU
DESIGNER	DONALD C. ETTINGER, JR.
CONSULTANT	GORRILL PALMER
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

AUBURN
TURNER STREET
TITLE SHEET

NOTE:
ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL BE GOVERNED BY AND BE IN CONFORMITY WITH THE MAINEDOT STANDARD SPECIFICATIONS (NOVEMBER 2014 EDITION), AND THE MAINEDOT STANDARD DETAILS (NOVEMBER 2014), EXCEPT AS MODIFIED BY THE PLANS OR SPECIAL PROVISIONS AND ANY AND ALL CORRECTIONS, REVISIONS, OR ADDITIONS ISSUED BY MAINEDOT.



GORRILL PALMER

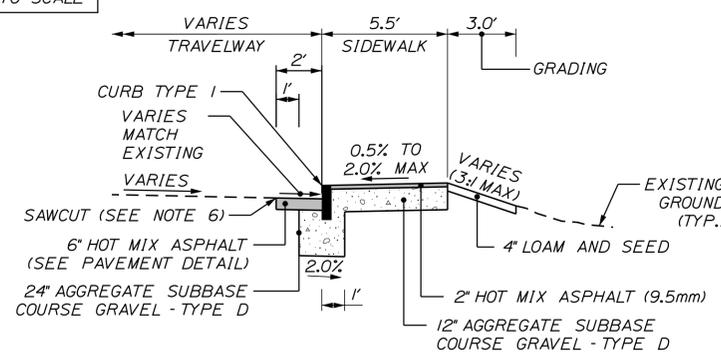
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SHEET NUMBER
1
OF 8

Filename: ...\\00\Highway\001_Title.dgn
 Division: HIGHWAY
 Username: Mike.Cundiff
 Date: 1/9/2020

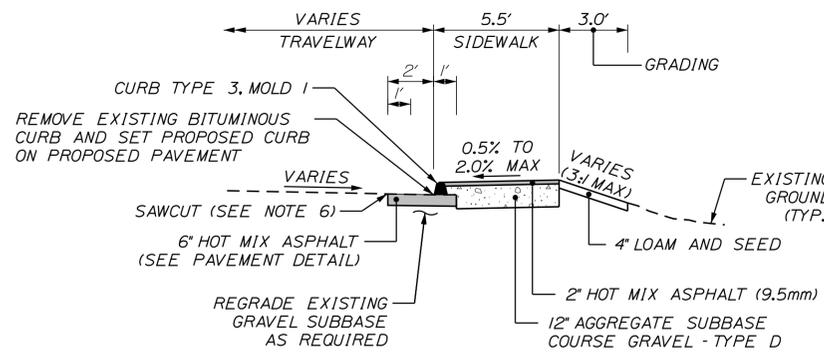
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ESP. = ESPLANADE



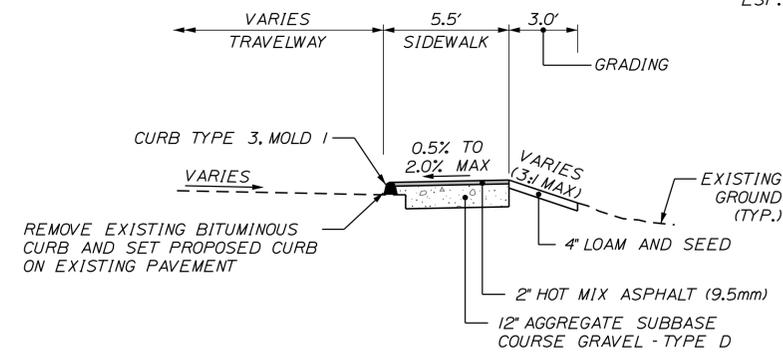
BITUMINOUS SIDEWALK WITH PROPOSED GRANITE CURB IN FILL CONDITION

STA. 103+91 TO STA. 104+10, RT.
STA. 104+88 TO STA. 105+13, RT.
STA. 116+66 TO STA. 117+30, LT.



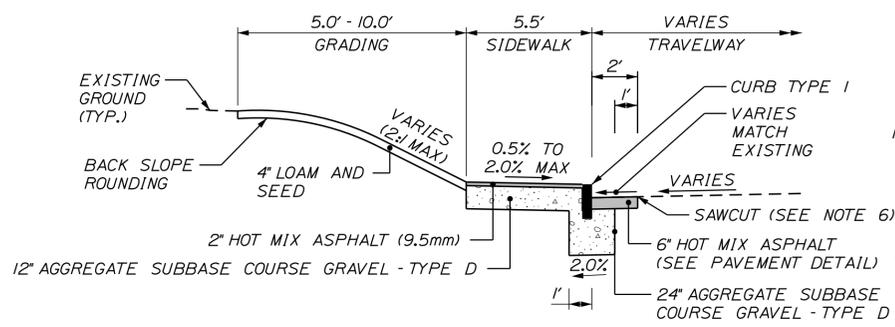
BITUMINOUS SIDEWALK WITH PROPOSED BITUMINOUS CURB ON NEW PAVEMENT

STA. 109+93 TO STA. 110+15, RT.
STA. 113+94 TO STA. 114+14, RT.
STA. 114+53 TO STA. 114+69, RT.
STA. 116+17 TO STA. 116+31, RT.



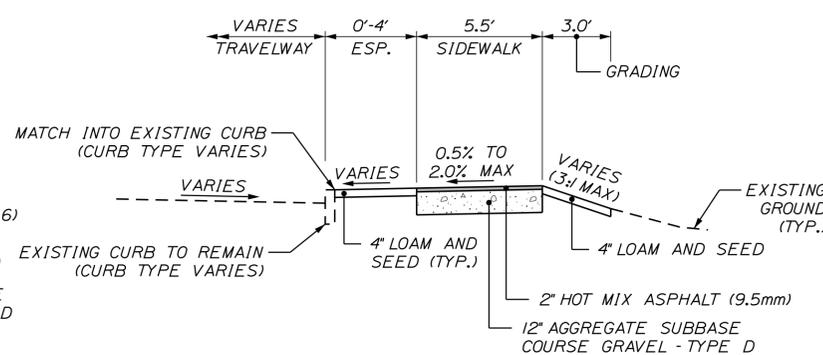
BITUMINOUS SIDEWALK WITH PROPOSED BITUMINOUS CURB ON EXISTING PAVEMENT

STA. 112+20 TO STA. 113+35, RT.



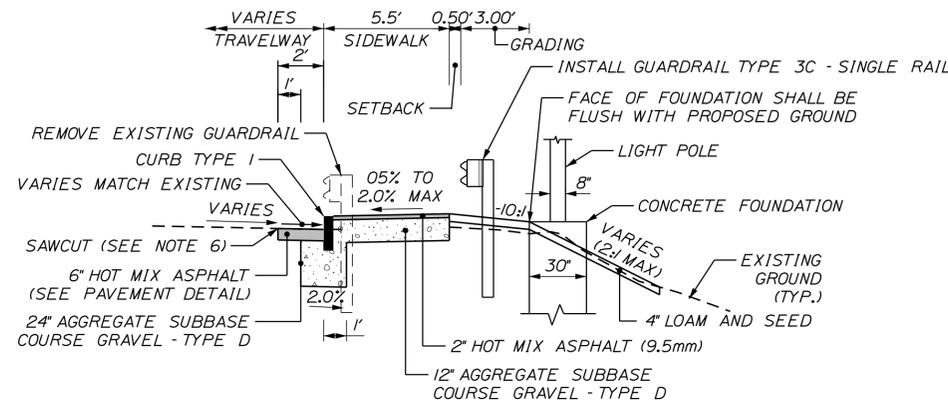
BITUMINOUS SIDEWALK WITH PROPOSED CURB IN CUT CONDITION

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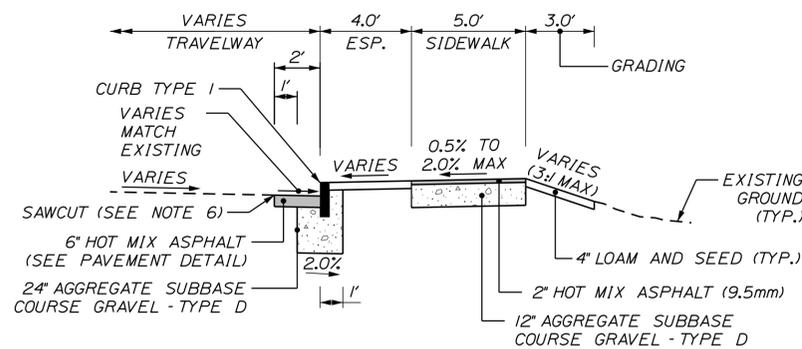
BITUMINOUS SIDEWALK WITH EXISTING CURB IN FILL CONDITION

STA. 105+13 TO STA. 108+07, RT.
STA. 110+15 TO STA. 112+20, RT.
STA. 114+69 TO STA. 116+17, RT.



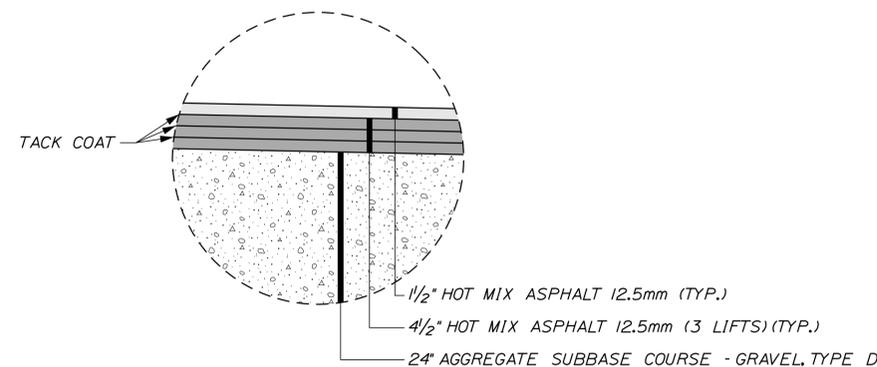
BITUMINOUS SIDEWALK WITH PROPOSED CURB AND GUARDRAIL IN FILL CONDITION

STA. 108+07 TO STA. 109+20, RT.



BITUMINOUS SIDEWALK WITH ESPLANADE AND PROPOSED CURB IN FILL CONDITION

STA. 100+54 TO STA. 100+79, RT.



PAVEMENT DETAIL

NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
3. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVEWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
4. THE SHOULDER PAVEMENT THICKNESS SHALL BE THE SAME AS THE TRAVEWAY PAVEMENT THICKNESS FOR ALL ROADWAYS, UNLESS OTHERWISE NOTED.
5. THE VERTICAL GRANITE CURB SHALL BE SET IN CONCRETE IN ACCORDANCE WITH SPECIAL PROVISION 609. PAYMENT FOR CONCRETE WORK SHALL BE UNDER ITEM 609.50.
6. SAWCUT LOCATIONS SHALL BE 2' INSIDE PROPOSED CURB OR EDGE OF EXISTING PAVEMENT, WHICHEVER IS CLOSEST TO THE CONSTRUCTION BASELINE. COORDINATE WORK WITH INSPECTOR.

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	T. BEAULIEU	BY	J. WINCHENBACH	M. RICHARD	DATE	01/20	SIGNATURE
CHECKED/REVIEWED	D. ETINGER	DESIGN/DETAILS					
DESIGN/DETAILS		REVISIONS 1					
		REVISIONS 2					
		REVISIONS 3					
		REVISIONS 4					
		FIELD CHANGES					

AUBURN
TURNER STREET
TYPICAL SECTIONS

SHEET NUMBER

2

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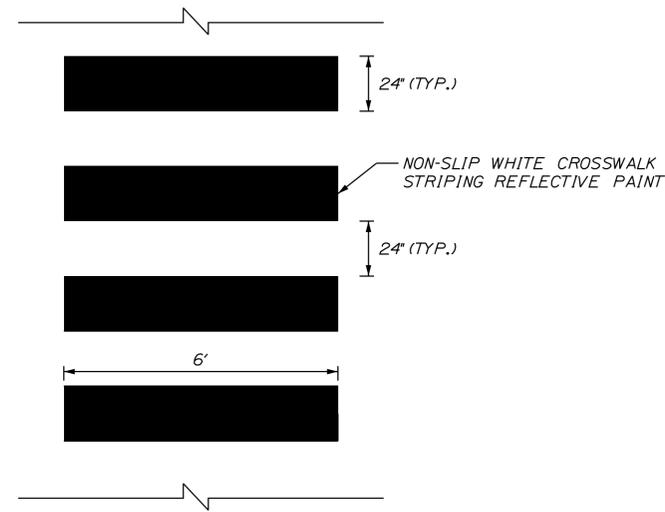
Date: 1/19/2020

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...\\000\Highway\002_Typ01.dgn

NOT TO SCALE



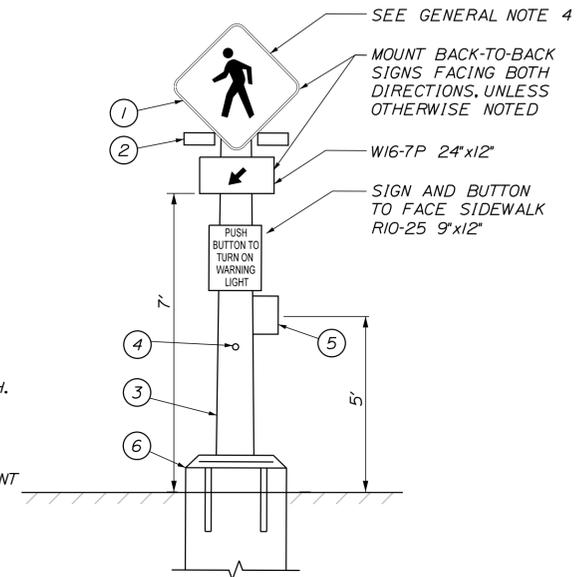
CROSSWALK STRIPING DETAIL

LEGEND:

1. 30"x30" SIGN W11-2.
2. 12" YELLOW RECTANGULAR RAPID FLASHING BEACONS (BLACK HOUSING) SET TO HIGH VISIBILITY STROBE PATTERN - MOUNTED IN BOTH DIRECTIONS, UNLESS NOTED OTHERWISE.
3. MAINEDOT PEDESTAL POLE
4. PEDESTRIAN PUSH BUTTON (SHALL BE APS COMPLIANT).
5. POLE MOUNTED NETWORK CONTROLLER.
6. 24" CONCRETE FOUNDATION PER MAINEDOT STANDARDS.

GENERAL NOTES:

1. ALL LIGHTS AND PEDESTRIAN PUSH BUTTONS SHALL BE JSF TECHNOLOGIES OR EQUAL.
2. POLE SHALL BE PAINTED COLOR BLACK FINISH.
3. LIGHTS SHALL FLASH FOR 25 SECONDS (WHEN ACTIVATED).
4. SIGNS W11-2 AND W16-7P SHALL BE FLUORESCENT YELLOW-GREEN BACKGROUND COLOR.
5. SEE SPECIAL PROVISION 643.



RECTANGULAR RAPID FLASHING BEACON ASSEMBLY DETAIL
(SOLAR POWERED, RADIO ACTIVATED)

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	T. BEAULIEU	BY	DATE
DESIGN-DETAILED	J. WINCHENBACH	M. RICHARD	01/20
CHECKED-REVIEWED	D. ETINGER		01/20
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			

AUBURN
TURNER STREET
DETAILS SHEET

SHEET NUMBER

3

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GENERAL NOTES

1. PLANS WERE DEVELOPED FROM AERIAL PHOTOGRAPHY AND FIELD REVIEW WITH APPROXIMATE MEASUREMENTS. NO GROUND SURVEY WAS OBTAINED FOR THIS PROJECT. THE CONTRACTOR IS REQUIRED TO FIELD VERIFY ALL DESIGN REQUIREMENTS WITH THE INSPECTOR PRIOR TO ORDERING MATERIALS. FIELD ADJUSTMENTS TO THE DESIGN MAY BE REQUIRED, COORDINATE WORK WITH THE INSPECTOR.
2. EXISTING ROW IS BASED ON PARCEL INFORMATION TAKEN FROM THE MAINE GIS DATABASE AND IS NOT GUARANTEED TO BE ACCURATE. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS PRIOR TO COMMENCING WORK.
3. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.
4. ANY DAMAGE TO EXISTING FEATURES (LAWNS, TREES, SIDEWALKS, DRIVEWAYS, PAVEMENT, ETC.) CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE INSPECTOR. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
5. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE INSPECTOR.
6. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO COMMENCING OPERATIONS.
7. THE CITY OF AUBURN SHALL HAVE THE RIGHT AND AUTHORITY TO DETERMINE THE ACCEPTABILITY OF WORK AND MATERIALS IN PROGRESS OR COMPLETED. THE CITY OF AUBURN AND THE INSPECTOR SHALL HAVE THE RIGHT TO REJECT ANY WORK OR MATERIALS WHICH DO NOT CONFORM, IN ITS SOLE OPINION, TO THE PLANS.
8. DISPOSITION OF SURPLUS MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SURPLUS MATERIAL SHALL NOT BE DISPOSED OF ON THE PROJECT SITE. DISPOSITION SHALL BE MADE ONLY AT WASTE AREAS WHICH ARE LICENSED TO ACCEPT SUCH MATERIALS, UNLESS THE MATERIALS CAN BE INCORPORATED IN FILLS IN OTHER PROJECTS OF THE CONTRACTOR.
9. DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
10. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY OF AUBURN FOR APPROVAL. THE TRAFFIC CONTROL PLAN SHALL CONFORM TO THE FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", MOST CURRENT EDITION. THE PLAN SHALL BE SPECIFIC TO THE PROJECT CONDITIONS.
11. THE CONTRACTOR SHALL PROVIDE THE CITY OF AUBURN AND THE INSPECTOR WITH A SCHEDULE OF WORK FOR CONSTRUCTING THE IMPROVEMENTS AND AN EMERGENCY CONTACT LIST.
12. THE PLACEMENT OF BITUMINOUS PAVING MATERIALS SHALL BE SUBJECT TO ALL OF THE WEATHER AND SEASONAL LIMITATIONS OUTLINED IN MAINEDOT STANDARD SPECIFICATIONS.
13. ALL JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENT SHALL BE SAWCUT AND VERTICAL. IF ANY EXISTING PAVEMENT IS REQUIRED TO BE REMOVED, PAYMENT FOR SAWCUTTING AND REMOVAL WILL BE INCIDENTAL TO PAVING ITEMS.
14. PROPERTY LINE AND R.O.W. MONUMENTS SHALL NOT BE DISTURBED BY CONSTRUCTION. IF DISTURBED, THEY SHALL BE RESET TO THEIR ORIGINAL LOCATIONS AT THE CONTRACTOR'S EXPENSE, BY A PROFESSIONAL LAND SURVEYOR, LICENSED IN THE STATE OF MAINE.
15. CONSTRUCTION SHALL NOT COMMENCE UNTIL AUTHORIZED BY THE CITY OF AUBURN.
16. THE CULVERT SIZES SHOWN ON THE PLANS ARE FOR SMOOTHLINED PIPES.
17. CATCH BASIN AND RIM ELEVATIONS SHALL BE DETERMINED IN THE FIELD BY THE INSPECTOR.
18. A-C AND B-C CATCH BASINS SHALL BE SHAPE WITH HAUNCHED CONE, AS PER MAINE DOT STANDARD DETAILS, UNLESS OTHERWISE NOTED ON THE PLANS.
19. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 604, MANHOLES, INLETS AND CATCH BASINS.
20. ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 603, PIPE CULVERTS AND STORM DRAINS OR STANDARD SPECIFICATIONS SECTION 605, UNDERDRAINS.
21. EXISTING CULVERTS AND CATCH BASINS TO REMAIN WILL BE CLEANED AS DIRECTED BY THE INSPECTOR. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).
22. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE INSPECTOR.
23. ALL PAVED WALKS TO BE CONSTRUCTED WITH 12" AGGREGATE SUBBASE COURSE-GRAVEL AND 2" HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE INSPECTOR.
24. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE INSPECTOR.
25. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT AND LAYOUT OF WORK BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
26. LOAM HAS BEEN ESTIMATED FOR 100% OF THE DISTURBED SLOPE AREA, ACTUAL PLACEMENT OF THE LOAM USED SHALL BE AS DESIGNATED BY THE INSPECTOR.
27. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL OTHER AREAS.
28. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
29. MULCH SHALL BE APPLIED IN AREAS SEEDED.
30. PROPOSED POLE LOCATIONS ARE APPROXIMATE. FINAL POLE LOCATIONS WILL BE DETERMINED BY CMP IN THE FIELD.
31. GRANITE CURBING (VERTICAL AND SLOPED) SHALL BE INSTALLED IN A CONCRETE BASE. SEE SPECIAL PROVISION 609. PAYMENT FOR CONCRETE WORK SHALL BE UNDER ITEM 609.50.
32. DO NOT EXCAVATE FOR AGGREGATE SUBBASE COURSE GRAVEL WHERE EXISTING MATERIAL IS SUITABLE AS DETERMINED BY THE INSPECTOR.
33. IN AREAS WHERE THE INSPECTOR DIRECTS THE CONTRACTOR NOT TO EXCAVATE TO THE SUBGRADE LINE SHOWN ON THE PLANS, PAYMENT FOR REMOVING EXISTING PAVEMENT, GRUBBING, SHAPING, AND COMPACTING THE EXISTING SUBBASE AND LAYERS OF NEW SUBBASE 6 INCHES OR LESS THICK WILL BE MADE UNDER APPROPRIATE EQUIPMENT RENTAL ITEMS.
34. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.
35. PAYMENT FOR PAVEMENT AND CONCRETE REMOVAL WHERE SHOWN ON PLANS SHALL BE PAID FOR UNDER ITEM 203.20, COMMON EXCAVATION.
36. REMOVAL OF EXISTING DRAINAGE, AS NOTED ON THE PLANS, SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20, COMMON EXCAVATION.
37. REMOVAL OF EXISTING CURBING SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20 - COMMON EXCAVATION.
38. ALL GRANITE CURBING THAT IS REMOVED AND STACKED AND NOT REUSED ON THE PROJECT SHALL BE TURNED OVER TO THE CONTRACTOR.
39. ALL PEDESTRIAN RAMPS SHALL BE 6 FT. WIDE MINIMUM OR AS SHOWN ON PLANS.
40. DETECTABLE WARNING FIELDS SHALL BE INSTALLED AT EACH CURB RAMP ADJACENT TO A MARKED CROSSWALK. ACTUAL PAYMENT FOR ITEM 608.26 SHALL INCLUDE ALL CONCRETE BORDER WORK REQUIRED BY THE DETAILS.
41. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL APPROPRIATE EROSION CONTROL MEASURES, IN ACCORDANCE WITH THE MAINEDOT BEST MANAGEMENT PRACTICES (BMP'S), LATEST EDITION.
42. THE CONTRACTOR SHALL CONTACT DIG-SAFE AND APPROPRIATE AUTHORITIES PRIOR TO ANY SUBSURFACE ACTIVITIES.
43. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE INSPECTOR.
44. STATIONS REFERENCED ARE APPROXIMATE.
45. ANY NECESSARY FINE GRADING OR RECOMPACTION OF EXISTING GRAVEL SHALL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
46. ALL MATERIAL SCHEDULES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL PREPARE HIS OWN MATERIAL SCHEDULES BASED UPON HIS PLAN REVIEW. ALL SCHEDULES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR PERFORMING WORK.
47. ALL PROPOSED WORK SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" U.S.D.O.T. F.H.W.A. LATEST EDITION.
48. NEW SIDEWALK AND RAMPS SHALL BE ADA COMPLIANT. SIDEWALK SHALL BE BUILT WITH A CROSS SLOPE OF 0.5% - 2.0% (MINIMUM - MAXIMUM). MAXIMUM RAMP RUNNING SLOPE SHALL BE 1:12 (8.3%).
49. IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS PRIOR TO BIDDING.
50. CURB TYPES WILL VARY, SEE GENERAL PLANS FOR ADDITIONAL INFORMATION. LENGTHS AND RADIUS NOTED FOR PROPOSED/EXISTING CURB SECTIONS ARE APPROXIMATE. CURB LENGTHS AND RADIUS REQUIRED TO MATCH EXISTING CURB OR EDGE OF PAVEMENT SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
51. REMOVAL OF EXISTING ROADSIDE SIGNS AND RELOCATION OF ROADSIDE SIGNS/POSTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
52. PROPOSED SIGN LOCATIONS, OFFSET AND HEIGHT SHALL BE IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), LATEST EDITION, AS APPROVED BY THE INSPECTOR.
53. SIGNS FOR ITEM 645.292 SHALL BE CONSTRUCTED OF SHEET ALUMINUM.
54. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.
55. EXISTING ABANDONED WATER MAINS BROKEN BY THE CONTRACTOR DURING CONSTRUCTION SHALL HAVE THE ENDS PLUGGED WITH BRICK AND MORTAR. COST FOR ALL LABOR AND MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO DIRECT PAYMENT WILL BE MADE.
56. ALL EXISTING GUARDRAIL SHALL BE REMOVED AND WILL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.
57. TWO REFLECTORIZED FLEXIBLE GUARDRAIL MARKERS (STANDARD SPECIFICATIONS ITEM 606.353, REFLECTORIZED FLEXIBLE GUARDRAIL MARKER) WILL BE INSTALLED AT EACH GUARDRAIL END.
58. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 606, GUARDRAIL.
59. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT NO SURVEY WAS ACQUIRED FOR THIS PROJECT. UNDERGROUND UTILITIES LOCATED ON THE PLANS ARE BASED ON PDF'S SENT BY THE RESPECTIVE UTILITY COMPANIES. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AND DIG SAFE AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE ENGINEER HAS COORDINATED THE PROPOSED WORK WITH THE AFFECTED UTILITY COMPANIES TO ARRANGE FOR REQUIRED RELOCATION OF KNOWN FACILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK AND SCHEDULE AND THE UTILITY RELOCATION WORK WITH THE PROPER UTILITY COMPANY. UTILITY CONTACTS FOR THIS PROJECT ARE:

AUBURN WATER & SEWERAGE DISTRICT ATTN: SID HAZELTON P.O. BOX 414 AUBURN, ME 04212-0414 (207)784-6469 shazelton@awsd.org	OXFORD NETWORKS ATTN: MICHAEL ELLINGWOOD 491 LISBON STREET LEWISTON, ME 04240 (207)333-3471 mellingwood@irstlight.net
BUCKEYE PARTNERS ATTN: STEVEN WING (207)741-2404 swing@buckeye.com	TIME WARNER CABLE ATTN: PAUL OUELLETTE 37 ALFRED PLOURDE PARKWAY LEWISTON, ME 04240 (207) 783-9902 paul.ouellette@charter.com
CITY OF AUBURN ATTN: SCOTT HOLLAND 60 COURT STREET AUBURN, ME 04210 (207)333-6601 shalland@auburnmaine.gov	UNITIL CORP. ATTN: KELLY BROWN 376 RIVERSIDE INDUSTRIAL PARKWAY PORTLAND, ME 04103-1487 (207)541-2572 brownk@unitil.com
CENTRAL MAINE POWER COMPANY ATTN: TIMOTHY LANEY 740 MAIN STREET LEWISTON, ME 04240 (207)626-9445 timothy.laney@cmpco.com	

Date: 1/9/2020

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ... \Highway\004_General Notes.dgn

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	T. BEAULIEU	BY	M. RICHARD	DATE	01/20
CHECKED-REVIEWED	J. WINCHENBACH	SIGNATURE			
DESIGN DETAIL	D. ETINGER	P.E. NUMBER			
DESIGN DETAIL		DATE			
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

AUBURN
TURNER STREET
GENERAL NOTES

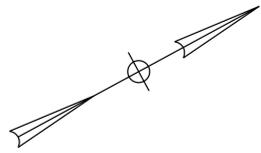
SHEET NUMBER

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OF 8



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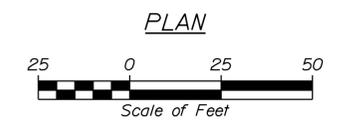
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 ⊙ = CURBING POINT NUMBER



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Δ = 21°07'01.6" Rt.	Δ = 7°57'08.2" Rt.
R = 150.00'	R = 700.00'
L = 55.28'	L = 97.16'
T = 27.96'	T = 48.66'
E = 2.58'	E = 1.69'

- NOTES:**
- RIGHT OF WAY AND UTILITY INFORMATION ARE APPROXIMATE AND NOT BASED ON SURVEY.
 - STATIONS AND LENGTHS REFERENCED IN THE CONSTRUCTION NOTES ARE APPROXIMATE.



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	T. BEAULIEU	BY	DATE
DESIGN-DETAILED	J. WINCHENBACH	M. RICHARD	01/20
CHECKED-REVIEWED	D. ETINGER		01/20
DESIGN-DETAILED			
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			

AUBURN
 TURNER STREET
 GENERAL PLANS

SHEET NUMBER

5

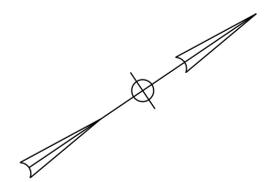
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 Username: Mike.Cundiff
 Date: 1/9/2020

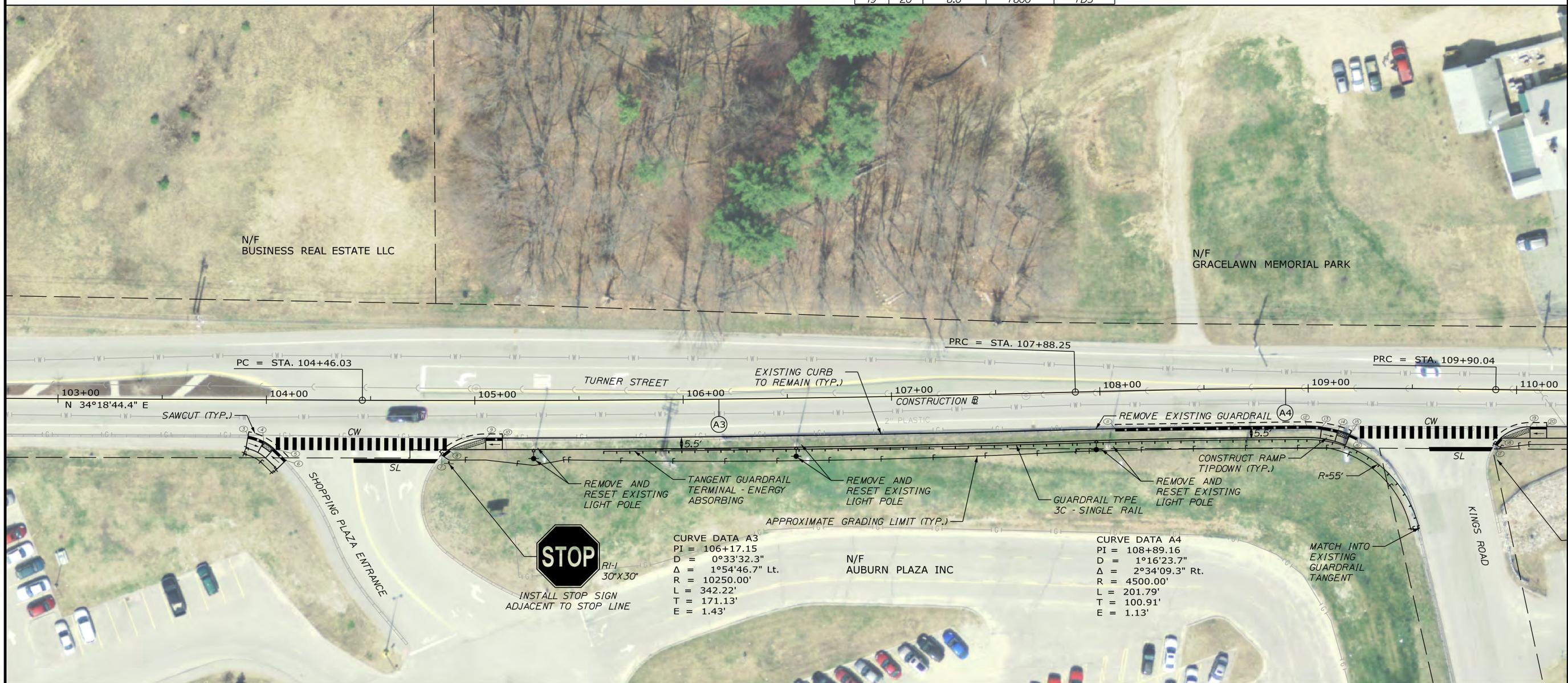
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19	20	8.0	7600	TD3

STRIPING LEGEND	
CW	CROSSWALK (2' LONG X 6' WIDE BARS SPACED 4' O.C.)
SL	STOP LINE (24" WIDE WHITE LINE)

CURB TABLE LEGEND
 I = TYPE 1 CURB
 TDI = TYPE 1 CURB TIPDOWN
 TD3 = TYPE 3 BITUMINOUS CURB, MOLD 1, TIPDOWN
 @ = CURBING POINT NUMBER



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 60 COURT STREET
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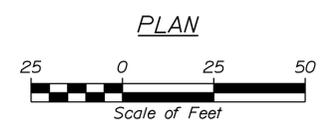


PROJ. MANAGER	DATE	BY	DATE
T. BEAULIEU	01/20	M. RICHARD	01/20
CHECKED-REVIEWED		J. WINCHENBACH	
DESIGNED-DETAILED		D. ETINGER	
DESIGNED-DETAILED			
REVISIONS			
1			
2			
3			
4			
FIELD CHANGES			

DESIGN-DETAILED	DATE	BY	DATE
J. WINCHENBACH	01/20	M. RICHARD	01/20
D. ETINGER			

SHEET NUMBER
6
 OF 8

- NOTES:**
- SEE NOTES ON SHEET 5.
 - THE FACE OF PROPOSED GUARDRAIL SHALL BE 6' BEHIND THE FACE OF CURB.



ITEM	STATION TO STATION	LENGTH	RADIUS	QUANTITY
606.23	105+99 TO 108+99 RT.	300 LF		
606.232	108+99 TO 109+54 RT.	75 LF	55 FT	
608.26	104+01 RT.			12
	104+97 RT.			26
	109+17 RT.			12
	110+00 RT.			20

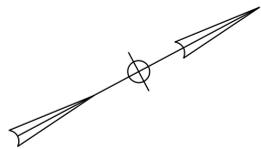
ITEM 606.81 TANGENT GUARDRAIL TERMINAL - ENERGY ABSORBING
 STATION TO STATION QUANTITY
 105+62 TO 105+99 RT. 1 EA



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Filename: ... \000\Highway\006_Plan02.dgn
 Division: HIGHWAY
 Username: Mike.Cundiff
 Date: 1/9/2020

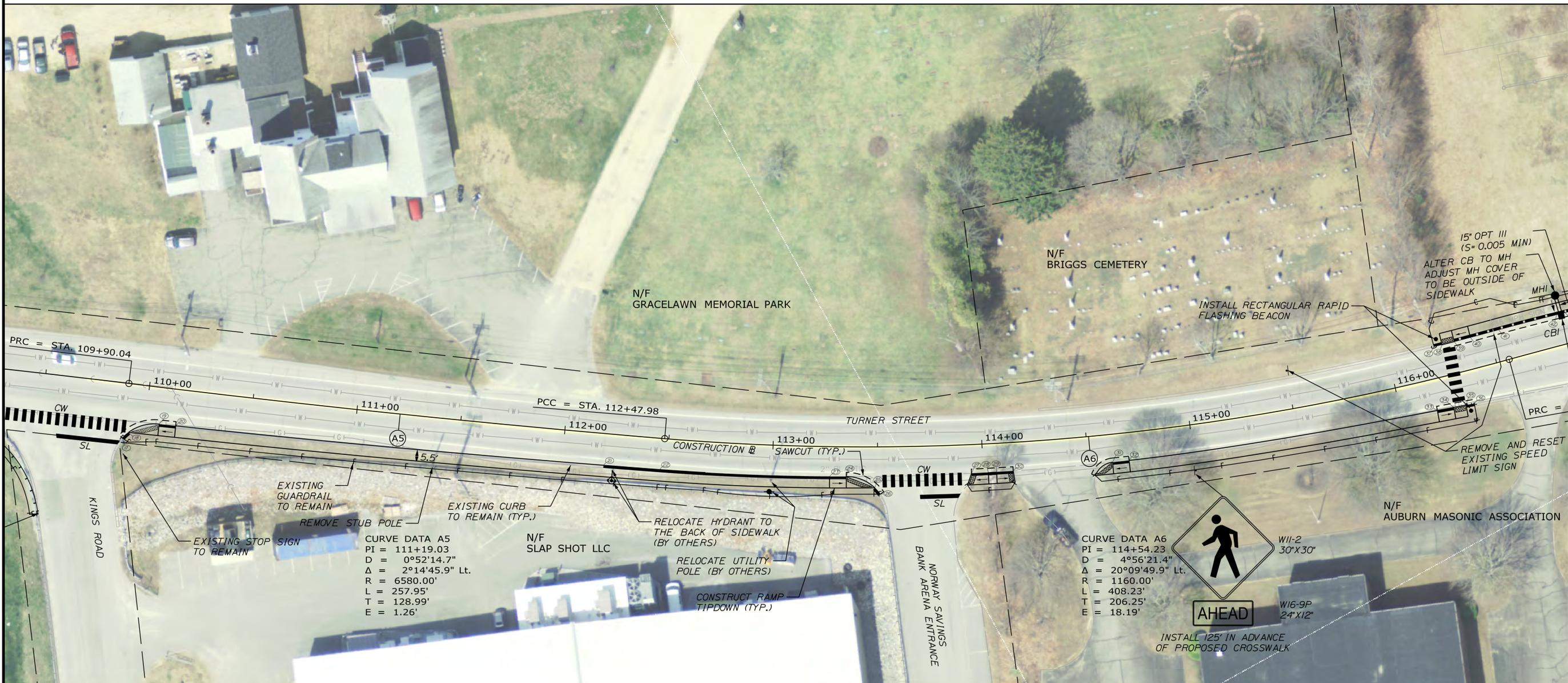
Filename: ... \000\Highway\007_Plan03.dgn
 Division: HIGHWAY
 Username: Jored.Winchenbach Date: 1/10/2020



STRIPING LEGEND	
CW	CROSSWALK (2' LONG X 6' WIDE BARS SPACED 4' O.C.)
SL	STOP LINE (24" WIDE WHITE LINE)

CURB TABLE				
PT. NO.	PT. NO.	LENGTH (FT)	RADIUS (FT)	CURB TYPE
21	22	26.9	7600	3
22	23	81.5	1200	3
23	24	8.0	1200	TD3
25	26	4.0	20	TD1
27	28	8.0	1200	TD3
28	29	4.0	1200	3
29	30	8.0	1200	TD3
31	32	8.0	1200	TD3
33	34	8.0	-	TD3
35	36	4.0	-	TD3

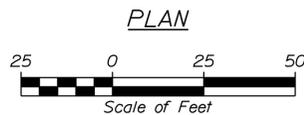
CURB TABLE LEGEND
 3 = TYPE 3 BITUMINOUS CURB, MOLD 1
 TD1 = TYPE 1 CURB TIPDOWN
 TD3 = TYPE 3 BITUMINOUS CURB, MOLD 1, TIPDOWN
 Ⓞ = CURBING POINT NUMBER



NOTES:
 1. SEE NOTES ON SHEET 5.

ITEM 608.26 - CURB RAMP DETECTABLE WARNING FIELD

STATION	QUANTITY (SF)
113+42 RT.	20
113+94 RT.	12
114+14 RT.	12
114+57 RT.	14
116+28 RT.	12
116+30 LT.	12



ITEM 643.62 RECTANGULAR RAPID FLASHING BEACON

STATION	QUANTITY
116+24 LT.	1 EA
116+33 RT.	1 EA

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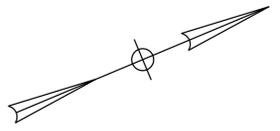
PROJ. MANAGER	DATE	BY	SIGNATURE	P.E. NUMBER	DATE
T. BEAULIEU	01/20	M. RICHARD			
DESIGN DETAILED		J. WINCHENBACH			
CHECKED/REVIEWED		D. ETINGER			
DESIGN DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

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 TURNER STREET
 GENERAL PLANS

SHEET NUMBER

7
 OF 8

Username: Mike.Cundiff
 Date: 1/9/2020
 Division: HIGHWAY
 Filename: ...\\000\Highway\008_Plan04.dgn



STRIPING LEGEND	
CW	CROSSWALK (2' LONG X 6' WIDE BARS SPACED 4' O.C.)
SL	STOP LINE (24" WIDE WHITE LINE)

CURB TABLE				
PT. NO.	PT. NO.	LENGTH (FT)	RADIUS (FT)	CURB TYPE
37	38	4.0	1160	TD3
39	40	8.0	1160	TD1
40	41	14.0	1160	1
41	42	28.7	1400	1
42	43	4.0	1400	HS
43	44	49.4	1400	1
44	45	15.1	-	1
46	47	8.0	-	3
47	48	18.0	-	3

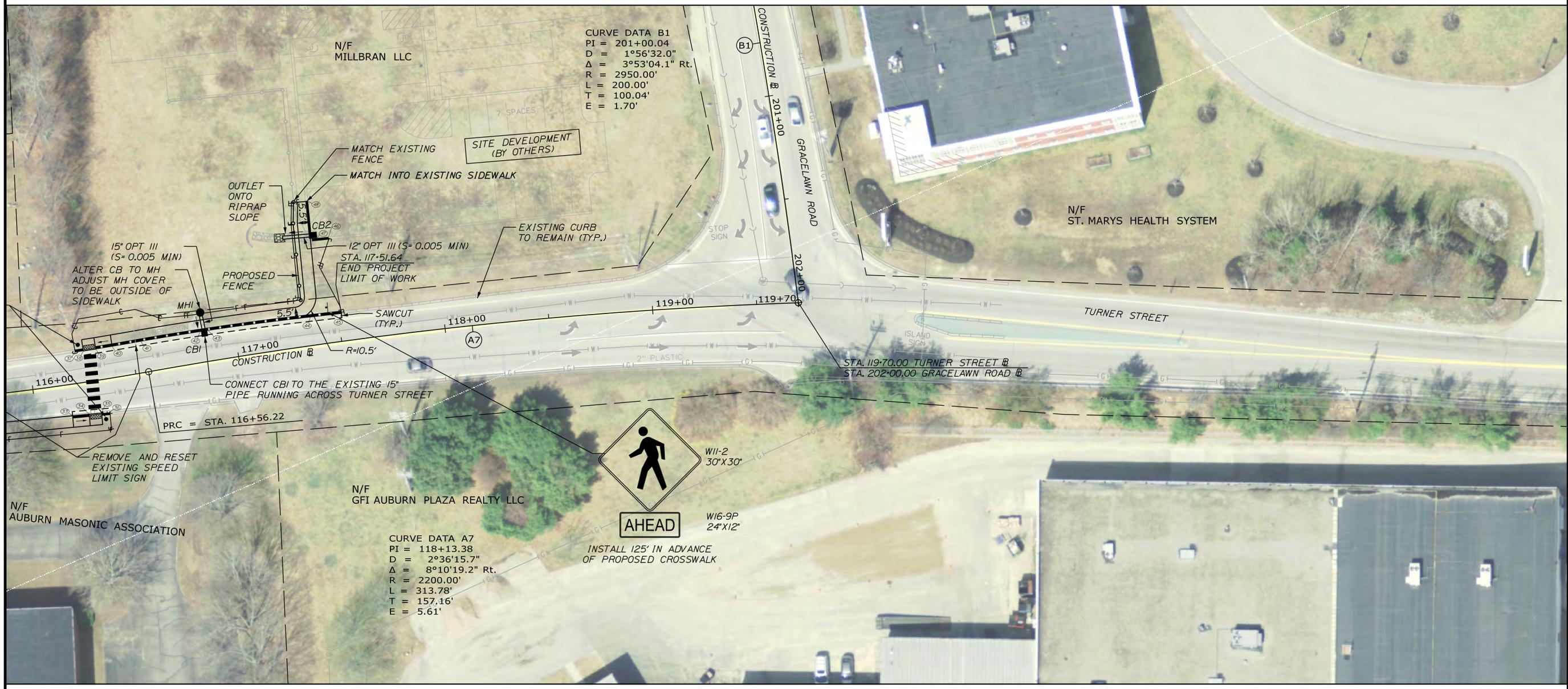
CURB TABLE LEGEND

1 = TYPE 1 CURB
 3 = TYPE 3 BITUMINOUS CURB, MOLD 1
 TD1 = TYPE 1 CURB TIPDOWN
 TD3 = TYPE 3 BITUMINOUS CURB, MOLD 1, TIPDOWN
 HS = TYPE 1 CURB HEADSTONE
 ⊕ = CURBING POINT NUMBER

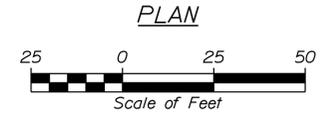
ITEM 604.072 - CATCH BASIN TYPE A1-C
 STATION 116+86 OFFSET 13.6' LT. (CB1)

ITEM 604.092 - CATCH BASIN TYPE B1-C
 STATION 117+44 OFFSET 52.2' LT. (CB2)

ITEM 604.16 - ALTER CATCH BASIN TO MANHOLE
 STATION 116+85 OFFSET 23.8' LT.



- NOTES:**
- SEE NOTES ON SHEET 5.
 - PROPOSED FENCE SHALL MATCH THE EXISTING FENCE STYLE.
 - PROPOSED DRAINAGE INVERTS SHALL BE DETERMINED IN THE FIELD BY THE INSPECTOR.



ITEM 603.159 - 12" CULVERT PIPE OPTION III
 LOCATION CB2 TO 117+29 LT. LENGTH 13 FT.

ITEM 603.169 - 15" CULVERT PIPE OPTION III
 LOCATION MH1 TO CB1 LENGTH 8 FT.

ITEM 610.08 - PLAIN RIPRAP
 STATION 117+27 LT. TYPE RIPRAP OUTLET QUANTITY 1 CY

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DESIGN DETAILED	J. WINCHENBACH	M. RICHARD	01/20			
CHECKED/REVIEWED	D. ETINGER					
DESIGNS DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

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