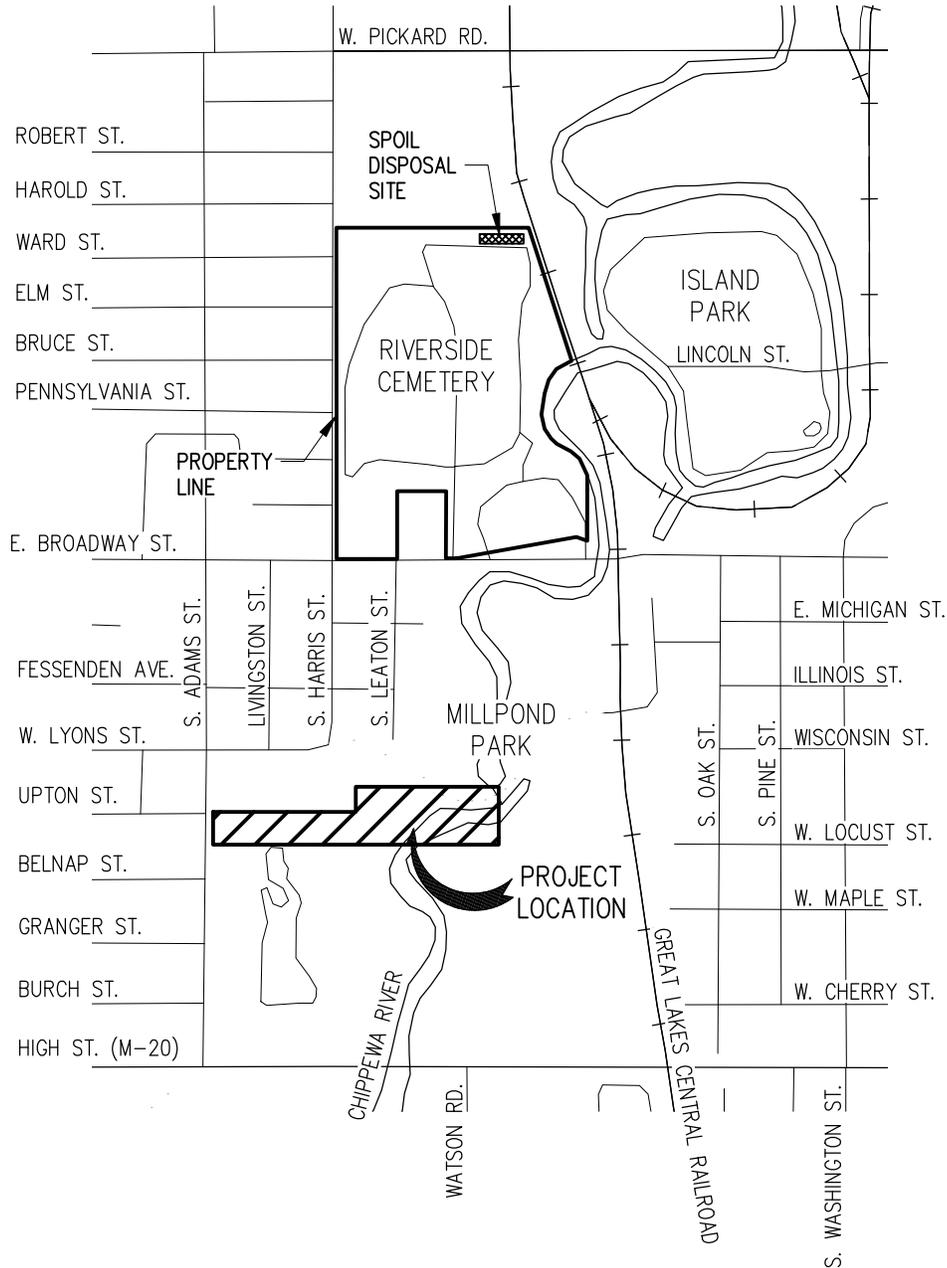


CITY OF MT. PLEASANT MILLPOND PATHWAY REHABILITATION



LOCATION MAP
NOT TO SCALE

SHEET INDEX

- 1 COVER SHEET
- 2-4 NOTE SHEETS
- 5 TYPICAL SHEET
- 6-7 DETAIL SHEETS
- 8-10 LOG OF PROJECT SHEETS
- 11 REMOVAL SHEET
- 12-13 PLAN SHEETS

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PREPARED FOR:
CITY OF MOUNT PLEASANT
MILLPOND PATHWAY REHABILITATION
COVER SHEET

PLAN NO. _____	16M0047
DATE: _____	MAY, 2016
PROJECT MGR: _____	SMC
REVIEWER: _____	JBM
SCALE: NTS	SHEET NO: 1

GENERAL PLAN NOTES

UNDERGROUND UTILITIES

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174, 2013, THE CONTRACTOR SHALL DIAL 1-800-482-7171 (OR 811) A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

MAINTAINING TRAFFIC

LOCAL AND EMERGENCY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES WITHIN THE PROJECT AREA. WHEN EXCAVATION, OR OTHER CONSTRUCTION WORK WILL RESULT IN THE CLOSURE OF THE PATHWAY FOR A PERIOD OF TIME, THE CONTRACTOR IS RESPONSIBLE TO BARRICADE THE WORK AREA IN ADVANCE.

CONSTRUCTION STAKING

THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE ALL REQUIRED CONSTRUCTION STAKING FOR THIS PROJECT.

SURVEY CORNERS, BENCHMARKS, AND CONTROL POINTS

THE CONTRACTOR SHALL PRESERVE ALL GOVERNMENT CORNERS, PROPERTY CORNERS, BENCHMARKS, SURVEY CONTROL POINTS AND OTHER SURVEY POINTS WITHIN THE PROJECT AREA. WHERE CORNERS, BENCHMARKS, OR SURVEY POINTS ARE ENCOUNTERED WHICH WILL BE DISTURBED BY THE CONTRACTOR'S ACTIVITIES; A LICENSED SURVEYOR SHALL WITNESS THE POINT BEFORE DISTURBANCE AND SHALL RE-SET THE POINT FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PAY THE SURVEYOR TO WITNESS AND TO RE-SET THE POINTS.

PROTECTION OF TREES, SHRUBS, AND LANDSCAPING

ALL TREES, SHRUBS, AND LANDSCAPING WITHIN THE CONSTRUCTION AREA WHICH ARE NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. DAMAGED TREES, SHRUBS, AND LANDSCAPING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

CONSTRUCTION SIGNING AND BARRICADING

THE CONTRACTOR SHALL PROTECT HAZARDOUS AREAS WITH BARRICADES. BARRICADES LEFT IN PLACE AFTER SUNSET SHALL BE LIGHTED. THE CONTRACTOR SHALL PROVIDE SUITABLE SANDBAGS OR OTHER SUITABLE MEASURES FOR ANCHORING OF TEMPORARY SIGNS AND BARRICADES, TO PREVENT THEIR TIPPING OR DISPLACEMENT BY WIND.

WORK HOURS

UNLESS PROVIDED OTHERWISE IN THE CONTRACT DOCUMENTS OR LIMITED BY LOCAL ORDINANCE, THE CONTRACTOR SHALL WORK WITHIN OF THE FOLLOWING TIMES, UNLESS OTHERWISE APPROVED BY THE OWNER:

MONDAY THROUGH FRIDAY	7 A.M. TO 8 P.M.
SATURDAY	8 A.M. TO 6 P.M.

THE CONTRACTOR SHALL NOT WORK ON SUNDAYS OR HOLIDAYS, UNLESS OTHERWISE APPROVED BY THE OWNER.

SEE SPECIFICATIONS FOR FURTHER SCHEDULE REQUIREMENTS.

DRAINAGE

THE CONTRACTOR SHALL MAINTAIN DRAINAGE OF THE PROJECT AREA AND ADJACENT AREAS. WHERE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR BLOCKED BY CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY PROVISIONS FOR DRAINAGE. DRAINAGE SHALL NOT BE REROUTED ONTO ADJACENT PROPERTIES NOR ALLOWED TO DRAIN ONTO ADJACENT PROPERTIES AT AN INCREASED RATE, AS A RESULT OF THE CONTRACTOR'S WORK.

SOIL EROSION AND SEDIMENTATION CONTROL

THE CONTRACTOR IS RESPONSIBLE FOR PLACING, MAINTAINING AND REMOVING SOIL EROSION AND SEDIMENTATION CONTROL FACILITIES INCLUDING BUT NOT LIMITED TO SEDIMENT FILTER BAGS ON ALL DRAINAGE STRUCTURES IN THE CONSTRUCTION AREA. SEE THE SPECIFICATION FOR SOIL EROSION AND SEDIMENTATION CONTROL FOR ADDITIONAL DETAILS.

THE SOIL EROSION CONTROLS WILL BE MAINTAINED WEEKLY AND AFTER EVERY STORM EVENT BY THE CONTRACTOR.

SCOPE OF WORK

THE CITY OF MT. PLEASANT RESERVES THE RIGHT TO DELETE PORTIONS OF THE PROJECT AT NO ADDITIONAL COST TO THE CITY.



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CITY OF MOUNT PLEASANT
MILLPOND PATHWAY REHABILITATION
NOTE SHEET

PLAN NO.	16M0047
DATE:	MAY, 2016
PROJECT MGR:	SMC
REVIEWER:	JBM
SCALE:	NTS SHEET NO: 2

HOT MIX ASPHALT (HMA) PAVING

PAVEMENTS WHICH ARE TO BE OVERLAID WITH A NEW PAVEMENT COURSE SHALL BE SWEEPED TO REMOVE ALL DIRT AND DEBRIS.

A BITUMINOUS BOND COAT SHALL BE APPLIED TO PAVEMENTS WHICH ARE TO BE OVERLAID WITH A NEW PAVEMENT COURSE AND ALLOWED TO CURE PRIOR TO CONSTRUCTING THE NEW PAVEMENT COURSE. THE PATHWAY SHALL BE PAVED IN ONE COURSE. THE PARKING LOT SHALL BE PLACED IN TWO EQUAL COURSES.

HMA PAVEMENT SHALL NOT BE PLACED WHEN THE SURFACE BEING OVERLAID IS WET, OR WHEN RAIN IS FORECAST OR THREATENING.

SIDEWALK CONSTRUCTION

SIDEWALKS SHALL BE CONSTRUCTED TO PROVIDE POSITIVE DRAINAGE OF THE SIDEWALK AND ADJACENT SURFACES.

EXCEPT WHERE NECESSARY TO PROVIDE POSITIVE DRAINAGE OR MEET EXISTING SURFACES, SIDEWALK SHALL BE CONSTRUCTED WITH A CROSS SLOPE SLOPED TOWARD THE STREET.

SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2%.

IN TURF AREAS, THE SURFACE OF THE SIDEWALK SHALL BE FLUSH WITH THE ADJACENT GROUND SURFACES, EXCEPT WHERE NECESSARY TO PROVIDE POSITIVE DRAINAGE OR MEET EXISTING SIDEWALKS, CURBS, OR PAVEMENTS.

SIDEWALK SHALL BE CONSTRUCTED ON A SAND BASE, COMPACTED TO AT LEAST 95% OF ITS MAXIMUM UNIT WEIGHT.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN SIDEWALK FORMS HAVE BEEN SET AND THE SAND BASE PREPARED. CONCRETE SHALL NOT BE PLACED UNTIL THE ENGINEER HAS OBSERVED THE FORMS. CONCRETE DELIVERY SHALL BE SCHEDULED TO ALLOW SUFFICIENT TIME FOR ADJUSTMENT OF THE FORMS, IN THE EVENT THAT ADJUSTMENT IS NECESSARY.

THE CONTRACTOR SHALL PROTECT FRESH CONCRETE FROM DAMAGE BY THE WEATHER, TRAFFIC, OR VANDALISM. DAMAGED CONCRETE SHALL BE REPLACED BY THE CONTRACTOR'S EXPENSE.

CURB AND GUTTERS

THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DIMENSIONS OF CURB OPENINGS FOR DRIVEWAYS, RAMPS, AND DRAINAGE STRUCTURES.

BACKFILL AND EMBANKMENT

BACKFILL OF AN EXCAVATION UNDER OR WITHIN THE ONE ON ONE INFLUENCE OF AN EXISTING OR PROPOSED ROAD, SIDEWALK, DRIVEWAY, PAVEMENT, OR AGGREGATE SURFACE, SHALL BE SAND, MEETING THE REQUIREMENTS OF GRANULAR MATERIAL CLASS III AS DESCRIBED IN THE CURRENT MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION. THE SAND BACKFILL SHALL BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM UNIT WEIGHT.

BACKFILL OF AN EXCAVATION WHICH IS NOT UNDER OR WITHIN THE ONE ON ONE INFLUENCE OF AN EXISTING OR PROPOSED ROAD, SIDEWALK, DRIVEWAY, PAVEMENT, OR AGGREGATE SURFACE MAY BE SUITABLE EXCAVATED MATERIAL OR OTHER SOIL, WHICH IS FREE OF ORGANIC MATTER, STONES AND ROCKS, ROOTS, BROKEN CONCRETE, FROZEN MATERIAL, OR DEBRIS. THE BACKFILL SHALL BE COMPACTED TO AT LEAST 90% OF ITS MAXIMUM UNIT WEIGHT.

THE CONTRACTOR SHALL INDICATE THE SOURCE OF SAND USED FOR BACKFILL TO THE ENGINEER, AND PROVIDE THE ENGINEER WITH THE RESULTS OF A GRADATION TEST PERFORMED ON A SAMPLE OF THE SAND. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN ADVANCE OF USING SAND FROM OTHER SOURCES.

EMBANKMENT USED TO BUILD THE SUBGRADE TO REQUIRED ELEVATION SHALL BE SUITABLE SOIL EXCAVATED FROM THE PROJECT SITE, OR FURNISHED BY THE CONTRACTOR FROM OTHER SOURCES. SUITABLE SOIL IS FREE FROM ORGANIC MATTER, ROCKS AND STONES, FROZEN MATERIAL, BROKEN CONCRETE, AND DEBRIS.

EMBANKMENT CONSTRUCTED OF GRANULAR SOILS SHALL BE COMPACTED IN LIFTS NOT EXCEEDING 10 INCHES TO AT LEAST 95% OF ITS MAXIMUM UNIT WEIGHT.

EMBANKMENT CONSTRUCTED OF COHESIVE SOILS SHALL BE COMPACTED IN LIFTS NOT EXCEEDING 10 INCHES TO AT LEAST 95% OF ITS MAXIMUM UNIT WEIGHT.

DENSITY TESTING

THE MAXIMUM UNIT WEIGHT OF SAND AND OTHER GRANULAR SOILS WILL BE DETERMINED BY THE ONE POINT CONE TEST, AS DESCRIBED IN THE MICHIGAN DEPARTMENT OF TRANSPORTATION'S DENSITY TESTING AND INSPECTION MANUAL, EXCEPT WHEN ANOTHER TEST METHOD IS SPECIFIED.

THE MAXIMUM UNIT WEIGHT OF COHESIVE SOILS WILL BE DETERMINED BY THE ONE POINT PROCTOR TEST, AS DESCRIBED IN THE MICHIGAN DEPARTMENT OF TRANSPORTATION'S DENSITY TESTING AND INSPECTION MANUAL, EXCEPT WHEN ANOTHER TEST METHOD IS SPECIFIED.



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PREPARED FOR:
CITY OF MOUNT PLEASANT
MILLPOND PATHWAY REHABILITATION
NOTE SHEET

PLAN NO. 16M0047
DATE: MAY, 2016
PROJECT MGR: SMC
REVIEWER: JBM
SCALE: NTS SHEET NO: 3

CONSTRUCTION STAGING

ALL STAGING AREAS SHALL BE APPROVED BY OWNER PRIOR TO USE. IT IS ANTICIPATED THE CONTRACTOR WILL USE THE OPEN AREA NEAR THE LEATON ST. PARKING LOT AS A STAGING AREA FOR THE PROJECT.

ESTIMATED PROJECT QUANTITIES AND NOTES

THE FOLLOWING QUANTITIES ARE PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF THE PROJECT QUANTITIES, AND BASE HIS BID ON HIS DETERMINATION OF THE QUANTITIES OF WORK REQUIRED.

PROJECT QUANTITIES		
DESCRIPTION	UNITS	QUANTITY
Maintaining Traffic	LS	1
Mobilization	LS	1
Cleanup & Restoration	LS	1
Remove Concrete Sidewalk	Syd	55
Earthwork	LS	1
Soil Erosion and Sedimentation Control	LS	1
Heavy Rip Rap	Syd	290
HMA Base Crushing and Shaping	Syd	2023
HMA, 13A, Base	T	28
HMA, 13A, Top	T	287
Curb and Gutter, Conc, Det F4	Ft	137
4 inch Concrete Sidewalk	Sft	125
4 inch Pavement Marking, Regular Dry, Yellow	Ft	197
4 inch Pavement Marking, Regular Dry, Blue	Ft	109
Pavement Marking, Regular Dry, Handicap Symbol, Blue	Ea	2
Turf Establishment	LS	1
Remove Sign	Ea	2
3 lb Steel Post	Ft	28
Sign, Type IIIB	Sft	3.5
Bed Stone	Cyd	19
Toe Stone	Cyd	74

LEGEND

36

SOIL AND EROSION MEASURE – SILT SACK



FLOW DIRECTION



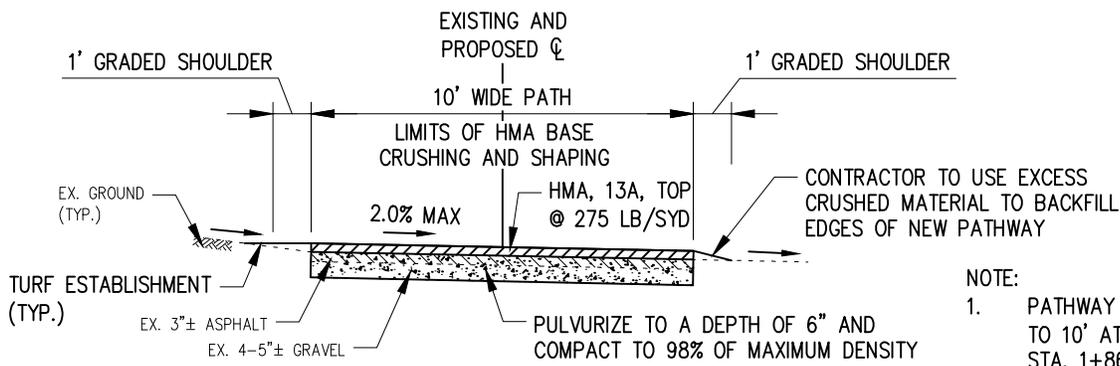
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NOTE SHEET

PLAN NO. _____ 16M0047
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REVIEWER: _____ JBM
SCALE: _____ NTS _____ SHEET NO: _____ 4



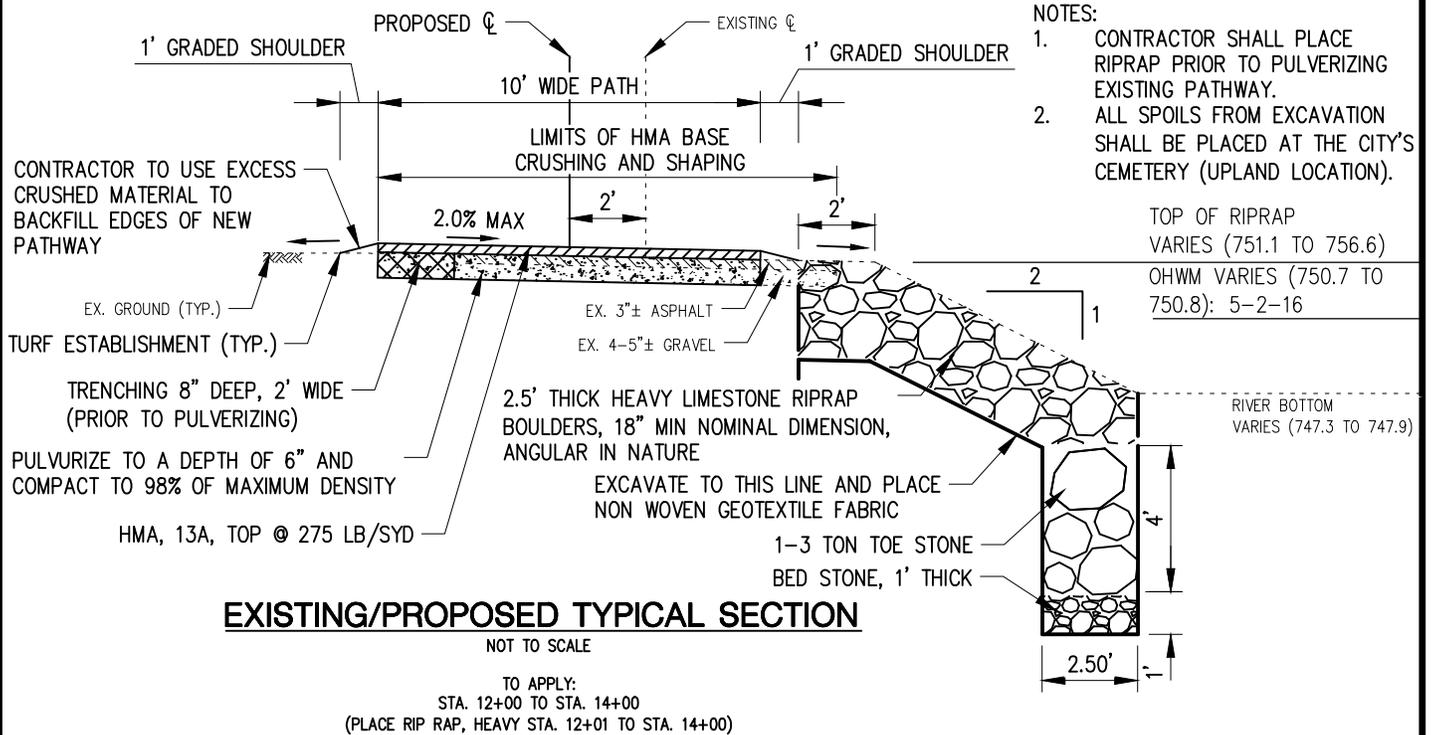
EXISTING/PROPOSED TYPICAL SECTION

NOT TO SCALE

TO APPLY:
STA. 1+53 (P.O.B.) TO STA. 12+00

NOTE:

1. PATHWAY NARROWS FROM 12' TO 10' AT STA. 1+53 TO STA. 1+86



EXISTING/PROPOSED TYPICAL SECTION

NOT TO SCALE

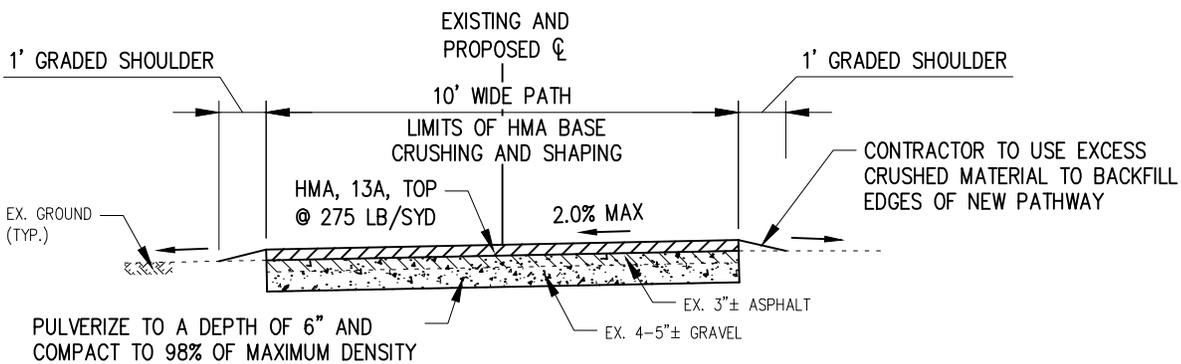
TO APPLY:
STA. 12+00 TO STA. 14+00
(PLACE RIP RAP, HEAVY STA. 12+01 TO STA. 14+00)

NOTES:

1. CONTRACTOR SHALL PLACE RIPRAP PRIOR TO PULVERIZING EXISTING PATHWAY.
2. ALL SPOILS FROM EXCAVATION SHALL BE PLACED AT THE CITY'S CEMETERY (UPLAND LOCATION).

TOP OF RIPRAP
VARIES (751.1 TO 756.6)
OHWM VARIES (750.7 TO 750.8): 5-2-16

RIVER BOTTOM
VARIES (747.3 TO 747.9)



EXISTING/PROPOSED TYPICAL SECTION

NOT TO SCALE

TO APPLY:
STA. 14+00 TO STA. 16+73 (P.O.E.)

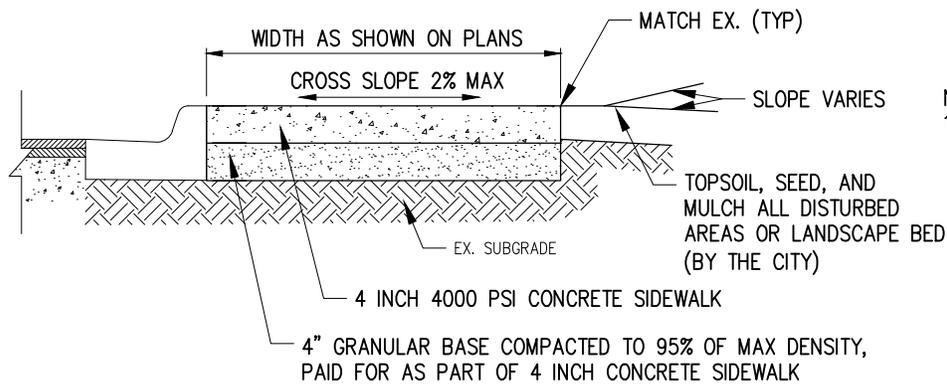


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MILLPOND PATHWAY REHABILITATION
TYPICAL SHEET

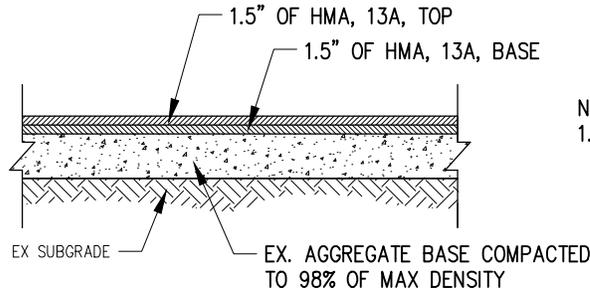
PLAN NO. 16M0047
DATE: MAY, 2016
PROJECT MGR: SMC
REVIEWER: JBM
SCALE: NTS SHEET NO: 5



NOTE:
1. SLOPE MAY VARY BETWEEN & 2% MAX. IN THE DIRECTION OF NATURAL FLOW OR AS APPROVED BY THE ENGINEER TO MEET EXISTING CONDITIONS.

TYPICAL CONCRETE SIDEWALK DETAIL

NOT TO SCALE



NOTE:
1. PARKING AREAS AND DRIVES SHALL BE SLOPED IN THE DIRECTION OF NATURAL DRAINAGE AND GRADED AS SHOWN ON THE PLANS.

TYPICAL HMA PARKING LOT DETAIL

NOT TO SCALE

NOTE:
1. ALL SIGNS SHALL BE PROVIDED AND INSTALLED ACCORDING TO THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.



BARRIER FREE SIGN

MDOT R7-8 NO SCALE



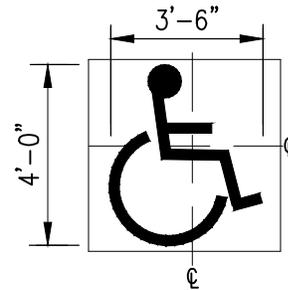
BARRIER FREE VAN ACCESSIBLE SIGN

MDOT R7-8B NO SCALE

BARRIER FREE PARKING SIGNAGE

NOT TO SCALE

NOTES:
1. SYMBOL SHALL BE APPLIED AT A WIDTH OF 4" AND PAINTED BLUE.
2. CENTERLINE OF SYMBOL SHALL BE PARALLEL TO PARKING STALL STRIPE AND IN CENTER OF STALL.



BARRIER FREE PARKING PAINTING

NOT TO SCALE

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PREPARED FOR:
CITY OF MOUNT PLEASANT
 MILLPOND PATHWAY REHABILITATION
 DETAIL SHEET

PLAN NO. 16M0047
 DATE: MAY, 2016
 PROJECT MGR: SMC
 REVIEWER: JBM
 SCALE: NTS SHEET NO: 6



MATCH LINE STA 6+00
SEE SHEET 9

730'± TO S. PROPERTY LINE

140'± TO N. PROPERTY LINE

ELV = 760.0
FLOODPLAIN AREA
UPLAND AREA

PROPOSED 10' HMA PATHWAY

EX. SIDEWALK

STA. 2+94 - PROPOSED 5'
WIDE SPUR TO EX. SIDEWALK

STA. 1+53 - P.O.B. OF
PATHWAY REHABILITATION

MATCH LINE STA 1+53
SEE SHEET 12



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MILLPOND PATHWAY REHABILITATION
LOG OF PROJECT SHEET

PLAN NO. 16M0047
DATE: MAY, 2016
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REVIEWER: JBM
SCALE: 1" = 60' SHEET NO: 8



MATCH LINE STA 12+00
SEE SHEET 10

780'± TO N. PROPERTY LINE

730'± TO S. PROPERTY LINE

PROPOSED 10' HMA PATHWAY

MATCH LINE STA 6+00
SEE SHEET 8



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SCALE: 1" = 60' SHEET NO: 9



700'± TO E. PROPERTY LINE

EX. WALKING BRIDGE ABUTMENT
STA. 16+73 - P.O.E. OF PATHWAY REHABILITATION

16+73
61.17
61.06
61.15
61.05
60.92
61.04

S. LEATON ST. PARKING LOT

MATCH EX. CURB CUT
UPLAND AREA FLOODPLAIN AREA
ELV = 760.0

615'± TO N. PROPERTY LINE

15+00
61.07
61.12
60.18
60.28
61.04

STA. 14+00 - END BANK STABILIZATION AND PLACEMENT OF HEAVY RIPRAP

14+00
61.07
61.18

STA. 13+50 - END 2' SHIFT TO EX. C

STA. 13+25 - BEGIN 2' SHIFT OF NEW C BACK TO EX. C

CHIPPEWA RIVER
FLOW

STA. 12+50 - END 2' SHIFT OF EX. C TO NEW C

STA. 12+01 - BEGIN BANK STABILIZATION AND PLACEMENT OF HEAVY RIPRAP

EX. 36" CMP CULVERT

PROPOSED 10' HMA PATHWAY

860'± TO S. PROPERTY LINE

STA. 12+25 - BEGIN 2' SHIFT OF EX. C

MATCH LINE STA 12+00
SEE SHEET 9



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LOG OF PROJECT SHEET

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SCALE: 1" = 60' SHEET NO: 10



45'± TO N. PROPERTY LINE

20.00'

125'± TO W. PROPERTY LINE

ADAMS STREET
PARKING LOT

PROPOSED CONSTRUCTION
HMA BASE CRUSHING AND SHAPING - 262 SYD

PROPOSED CONSTRUCTION
REMOVE CONCRETE SIDEWALK - 55 SYD

PROPOSED CONSTRUCTION
REMOVE SIGN - 2 EA

36

MH #256

TP 1
1+00

20.00'

STA. 1+53

2.00'
10.58'

BM 4
ELV. = 767.57

400'± TO S. PROPERTY LINE



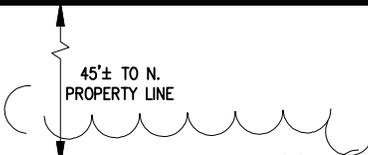
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PARKING LOT REMOVAL SHEET

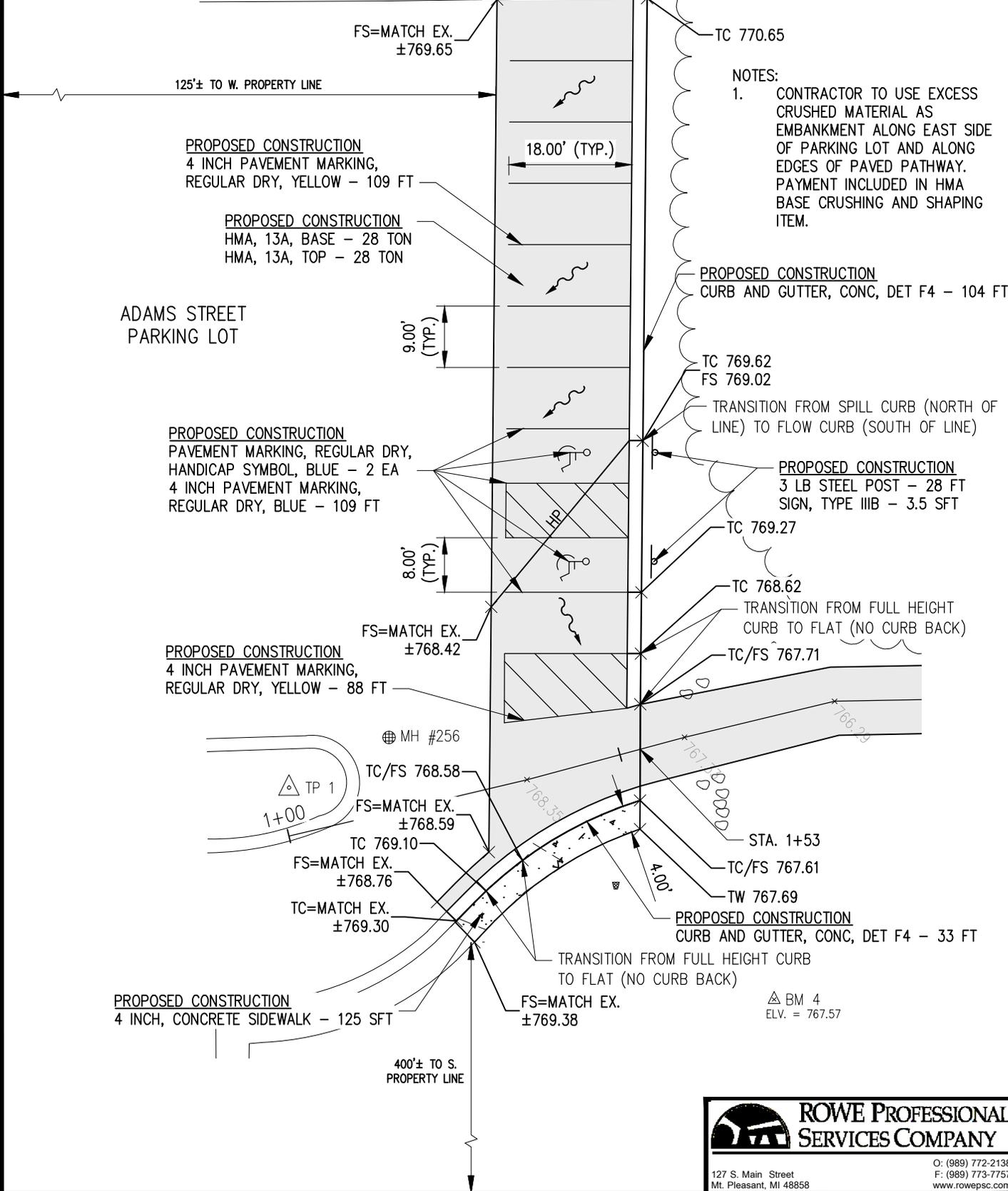
PLAN NO. 16M0047
DATE: MAY, 2016
PROJECT MGR: SMC
REVIEWER: JBM
SCALE: NTS SHEET NO: 11

LEGEND

TC = TOP OF CURB
 FS = FINISHED SURFACE
 HP = HIGH POINT



NOTES:
 1. CONTRACTOR TO USE EXCESS CRUSHED MATERIAL AS EMBANKMENT ALONG EAST SIDE OF PARKING LOT AND ALONG EDGES OF PAVED PATHWAY. PAYMENT INCLUDED IN HMA BASE CRUSHING AND SHAPING ITEM.



PROPOSED CONSTRUCTION
 4 INCH PAVEMENT MARKING,
 REGULAR DRY, YELLOW - 109 FT

PROPOSED CONSTRUCTION
 HMA, 13A, BASE - 28 TON
 HMA, 13A, TOP - 28 TON

ADAMS STREET
 PARKING LOT

PROPOSED CONSTRUCTION
 PAVEMENT MARKING, REGULAR DRY,
 HANDICAP SYMBOL, BLUE - 2 EA
 4 INCH PAVEMENT MARKING,
 REGULAR DRY, BLUE - 109 FT

PROPOSED CONSTRUCTION
 4 INCH PAVEMENT MARKING,
 REGULAR DRY, YELLOW - 88 FT

PROPOSED CONSTRUCTION
 4 INCH, CONCRETE SIDEWALK - 125 SFT

PROPOSED CONSTRUCTION
 CURB AND GUTTER, CONC, DET F4 - 104 FT

TRANSITION FROM SPILL CURB (NORTH OF LINE) TO FLOW CURB (SOUTH OF LINE)

PROPOSED CONSTRUCTION
 3 LB STEEL POST - 28 FT
 SIGN, TYPE IIIB - 3.5 SFT

TRANSITION FROM FULL HEIGHT CURB TO FLAT (NO CURB BACK)

PROPOSED CONSTRUCTION
 CURB AND GUTTER, CONC, DET F4 - 33 FT

TRANSITION FROM FULL HEIGHT CURB TO FLAT (NO CURB BACK)

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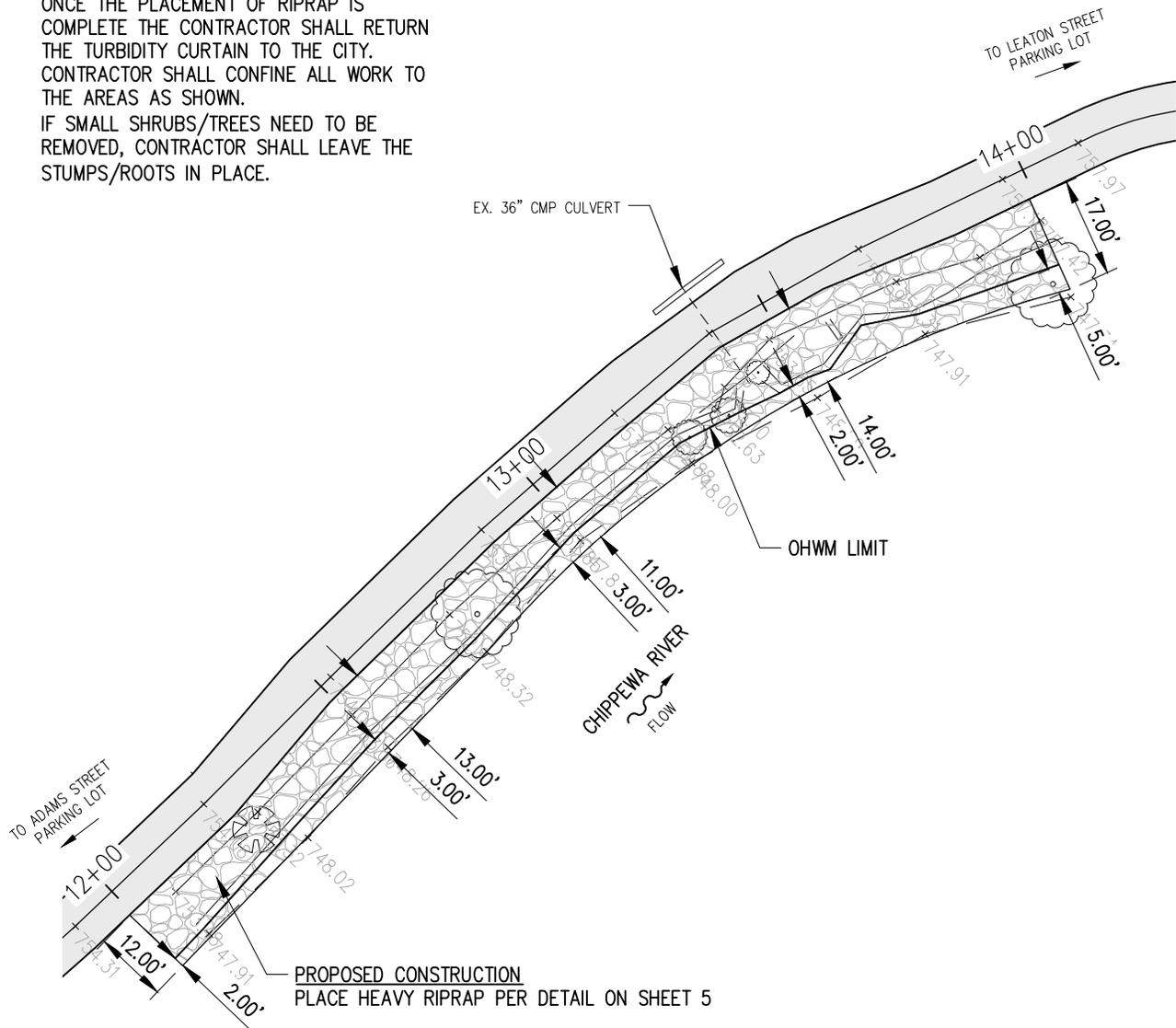
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PREPARED FOR:
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 MILLPOND PATHWAY REHABILITATION
 PARKING LOT PLAN SHEET

PLAN NO.	16M0047
DATE:	MAY, 2016
PROJECT MGR:	SMC
REVIEWER:	JBM
SCALE: 1" = 20'	SHEET NO: 12

NOTES:

1. ALL SPOILS RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE PLACED AT THE CITY'S CEMETERY (UPLAND AREA).
2. CONTRACTOR SHALL INSTALL A TURBIDITY CURTAIN (SUPPLIED BY THE CITY) IN THE RIVER AROUND THE RIPRAP WORK AREA. ONCE THE PLACEMENT OF RIPRAP IS COMPLETE THE CONTRACTOR SHALL RETURN THE TURBIDITY CURTAIN TO THE CITY.
3. CONTRACTOR SHALL CONFINE ALL WORK TO THE AREAS AS SHOWN.
4. IF SMALL SHRUBS/TREES NEED TO BE REMOVED, CONTRACTOR SHALL LEAVE THE STUMPS/ROOTS IN PLACE.



PREPARED FOR:
CITY OF MOUNT PLEASANT
 MILLPOND PATHWAY REHABILITATION
 HEAVY RIPRAP PLAN SHEET



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PLAN NO. _____ 16M0047
 DATE: _____ MAY, 2016
 PROJECT MGR: _____ SMC
 REVIEWER: _____ JBM
 SCALE: 1" = 30' SHEET NO: 13