

ITEM #1
MyBarn Concrete Work

- General Notes:**
1. Pavement to be meet existing grade at each end of repair.
 2. Ensure adequate drainage.
 3. Ensure that joints do not allow for water seepage to occur.

Base Bid. 10"
Non-Reinforced Pad
per COC 452.

Alternate #1 - Full
Depth Repair of
Footprint

Base Bid: Full Depth
Replacement of
existing drive.

Add and compact
#304 to each side of
apron.

Crack Seal
New/Existing Joint

Raise existing
Cleanout & Valve Box
to Grade

Image © 2024 Airbus

40°09'24.63" N

**ITEM #1
ACCESS PLAN**

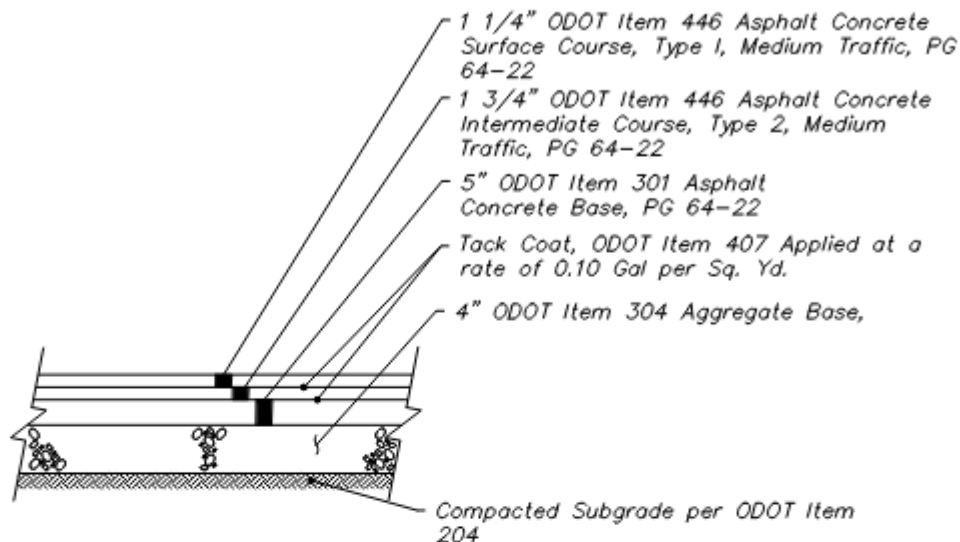


**Access from Red
Parking Lot**

ITEM #1

MyBarn Full Depth Replacement Detail

(ALTERNATE #1)



NOTES:

1. Compose hot mix asphalt mixture with aggregate and asphalt binder meeting ODOT requirements.
2. Submit an approved Job Mix Formula including mix type proposed for use, aggregate source, type, and gradation, percent of asphalt binder, and unit weight of the mixture.
3. Obtain Job Mix Formula approval by providing a previously ODOT approved formula.
4. Provide quality assurance testing in accordance with ODOT Item 446. The agency performing the testing must have a current level I Bituminous Concrete approval from ODOT.
5. Provide compaction ranging from 90 to 97.9% of the average Maximum Specific Gravity for Surface Course and 90 to 96.9% for Intermediate Course. Remove and replace material placed outside of said ranges. Provide replacement pavement and quality assurance testing at no additional cost to the Owner.

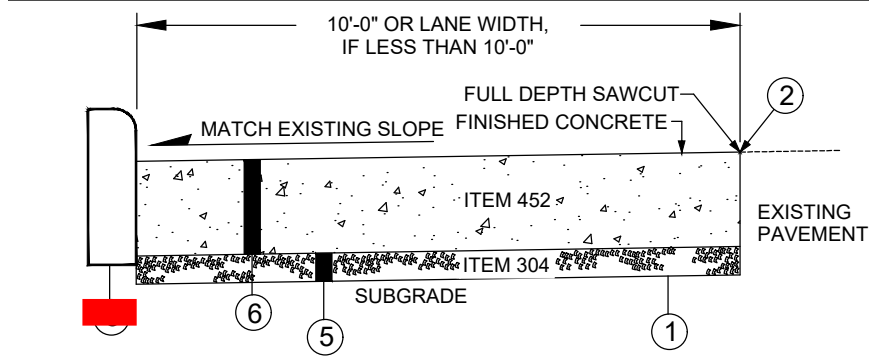
A

DETAIL

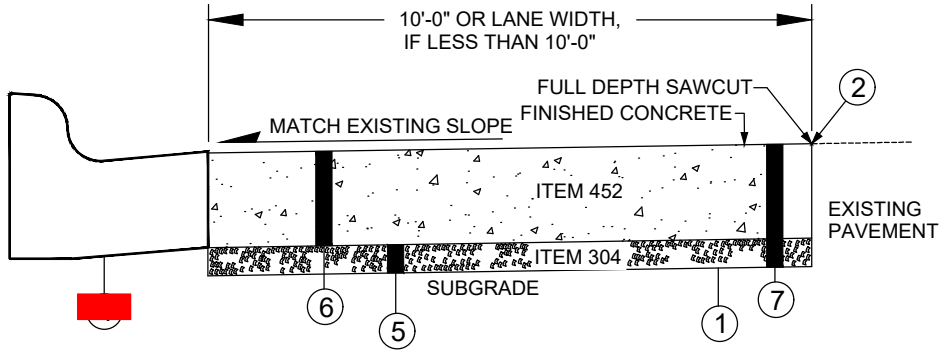
HEAVY DUTY ASPHALT PAVEMENT

N.T.S.

ITEM #1
MyBarn Concrete Pad
Detail



TYPE A: CONCRETE BUS PAD AT LOCATIONS WITH STRAIGHT CURB



TYPE B: CONCRETE BUS PAD AT LOCATIONS WITH COMBINATION CURB & GUTTER

- ① ITEM 204 - SUBGRADE COMPACTION
- ② ITEM 423 - CRACK SEALING, TYPE I
- ③ ~~ITEM 203 - EXISTING CURB OR CURB STRAIGHT 18"~~
(STANDARD DRAWING 2000)
- ④ ~~ITEM SPECIAL - COMBINATION CURB AND GUTTER TYPE SPECIAL 10"~~
(STANDARD DRAWING 2020, MODIFIED)
- ⑤ ITEM 304 - 6" AGGREGATE BASE
- ⑥ ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT
- ⑦ PAVEMENT REMOVAL AND ITEM 203 - EXCAVATION

ITEM SPECIAL, CONCRETE BUS PAD, S.Y., SHALL INCLUDE THE FOLLOWING ITEMS:
 ALL SAWCUTTING, PAVEMENT REMOVAL, ITEM 203 - EXCAVATION, ITEM 204 - SUBGRADE COMPACTION, ITEM 304 - 6" AGGREGATE BASE, ITEM 423 - CRACK SEALING, TYPE I, AND ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT.

FOR TYPE B CONDITION, THE EXISTING COMBINATION CURB & GUTTER SHALL BE REPLACED TO LIMITS OF BUS PAD INSTALLATION UNLESS WAIVED BY ENGINEER.

CONCRETE BUS PAD

CITY OF COLUMBUS, OHIO
 DEPARTMENT OF PUBLIC SERVICE
 DIVISION OF DESIGN AND CONSTRUCTION

[Signature]
 CITY ENGINEER

STD DWG
2332

4/30/2018

SHT 1 OF 3

General Notes:

1. Pavement to be meet existing grade.
2. Ensure adequate drainage to nearest structure.
3. Ensure that joints do not allow for water seepage to occur.

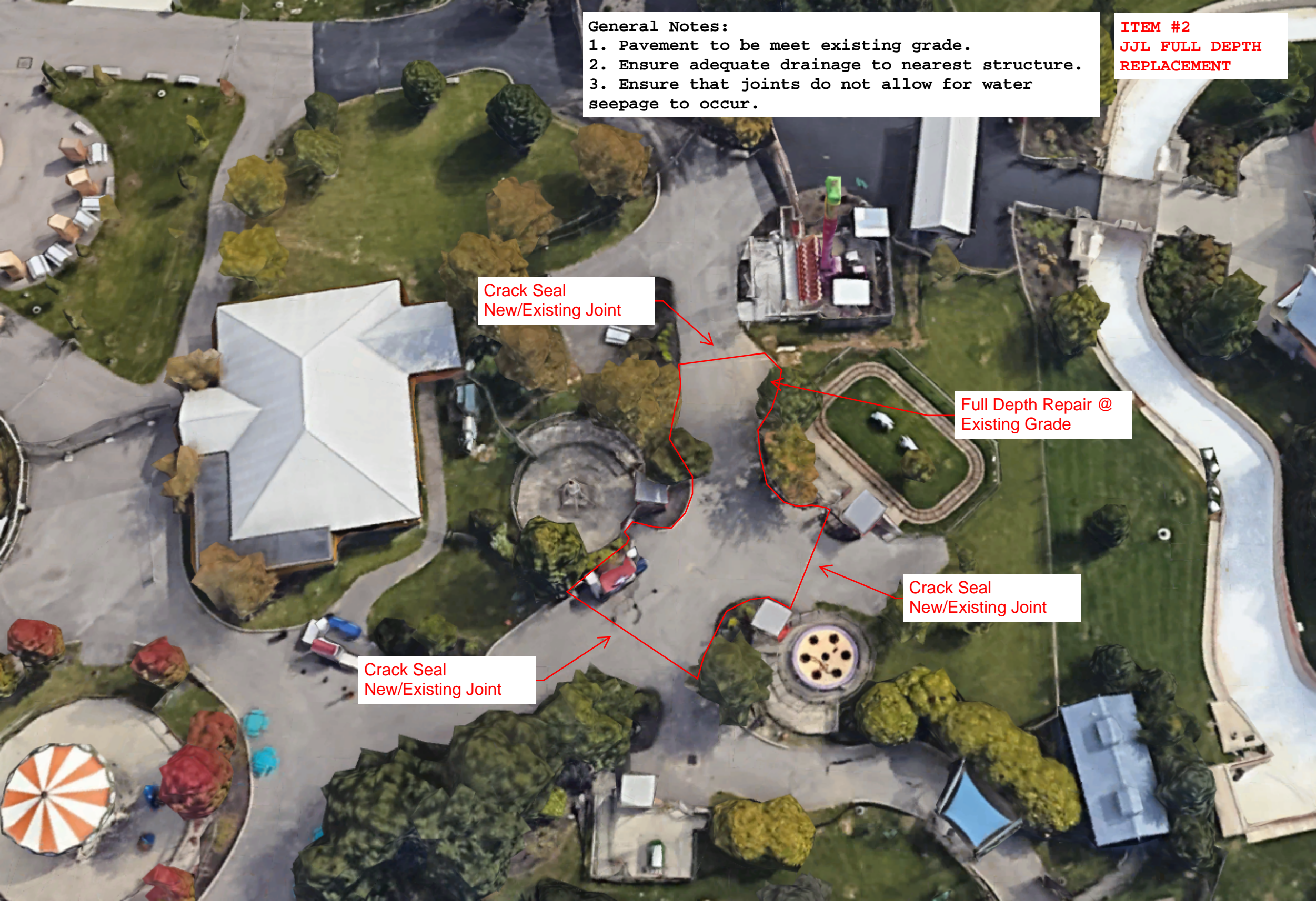
**ITEM #2
JJL FULL DEPTH
REPLACEMENT**

**Crack Seal
New/Existing Joint**

**Full Depth Repair @
Existing Grade**

**Crack Seal
New/Existing Joint**

**Crack Seal
New/Existing Joint**



Access from Blue Lot

ITEM #2 & ITEM #3
ACCESS PLAN

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Rides At Adventure Cove

Stingray Bay

Access from SR 257/Zoombezi

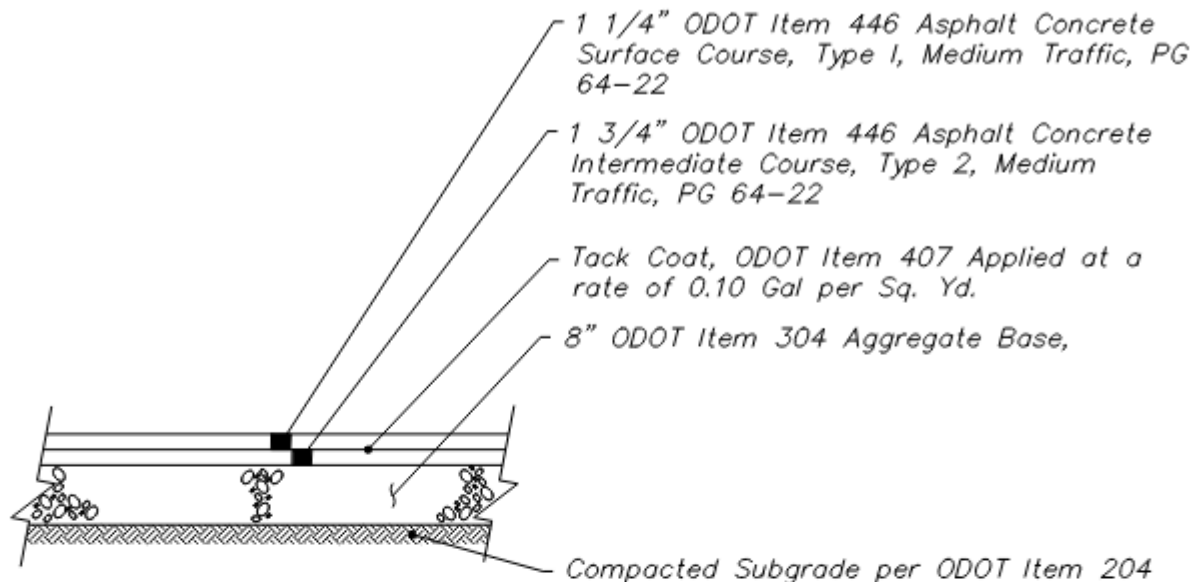
Sea Dragon

Image © 2024 Airbus



ITEM #2

JJL Full Depth Replacement Detail



NOTES:

1. Compose hot mix asphalt mixture with aggregate and asphalt binder meeting ODOT requirements.
2. Submit an approved Job Mix Formula including mix type proposed for use, aggregate source, type, and gradation, percent of asphalt binder, and unit weight of the mixture.
3. Obtain Job Mix Formula approval by providing a previously ODOT approved formula.
4. Provide quality assurance testing in accordance with ODOT Item 446. The agency performing the testing must have a current level I Bituminous Concrete approval from ODOT.
5. Provide compaction ranging from 90 to 97.9% of the average Maximum Specific Gravity for Surface Course and 90 to 96.9% for Intermediate Course. Remove and replace material placed outside of said ranges. Provide replacement pavement and quality assurance testing at no additional cost to the Owner.

B

DETAIL

LIGHT DUTY ASPHALT PAVEMENT

N.T.S.

General Notes:

1. Pavement to be meet existing grade. If grade needs to be raised, contractor to install #304 shoulders at no-cost to CZA.
2. Ensure adequate drainage.
3. Ensure that joints do not allow for water seepage to occur.



Pavement Install

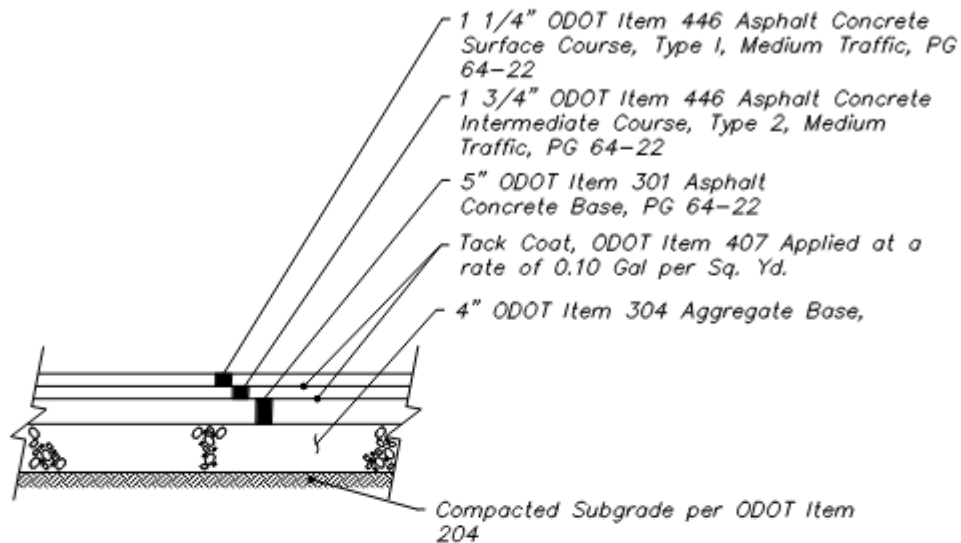
Crack Seal
New/Existing Joint

Existing Barn to be removed by owner. If Barn is unable to be moved, dimensions of work in area will be determined by owner.

Fill/compact #304 at shoulder.
Clean up shoulder.

ITEM #3

Tidal Twist Pavement Install Detail



NOTES:

1. Compose hot mix asphalt mixture with aggregate and asphalt binder meeting ODOT requirements.
2. Submit an approved Job Mix Formula including mix type proposed for use, aggregate source, type, and gradation, percent of asphalt binder, and unit weight of the mixture.
3. Obtain Job Mix Formula approval by providing a previously ODOT approved formula.
4. Provide quality assurance testing in accordance with ODOT Item 446. The agency performing the testing must have a current level I Bituminous Concrete approval from ODOT.
5. Provide compaction ranging from 90 to 97.9% of the average Maximum Specific Gravity for Surface Course and 90 to 96.9% for Intermediate Course. Remove and replace material placed outside of said ranges. Provide replacement pavement and quality assurance testing at no additional cost to the Owner.

A

DETAIL

HEAVY DUTY ASPHALT PAVEMENT

N.T.S.

Crack Seal
New/Existing Joints

ITEM #4
PARKING LOT
FULL DEPTH
REPLACEMENT

Full Depth Repair

General Notes:

1. Pavement to be meet existing grade.
2. Ensure adequate drainage to nearest structure.
3. Ensure that joints do not allow for water seepage to occur.
4. Contractor to replace any striping demo'd.

Access from Powell Rd.

Access from Powell Rd.

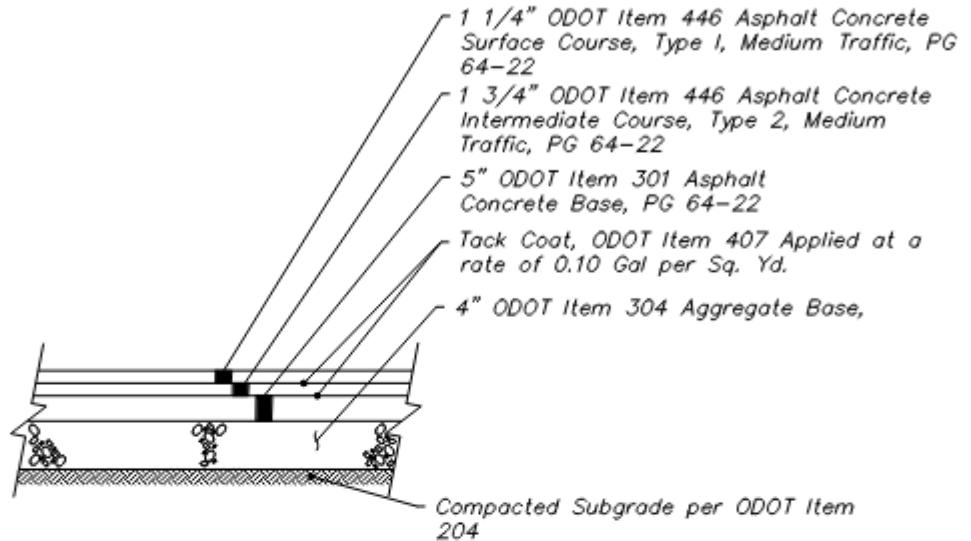
ITEM #4
ACCESS PLAN

Starting Location

Wild Tides



ITEM #4
PARKING LOT FULL DEPTH
REPLACEMENT Detail



NOTES:

1. Compose hot mix asphalt mixture with aggregate and asphalt binder meeting ODOT requirements.
2. Submit an approved Job Mix Formula including mix type proposed for use, aggregate source, type, and gradation, percent of asphalt binder, and unit weight of the mixture.
3. Obtain Job Mix Formula approval by providing a previously ODOT approved formula.
4. Provide quality assurance testing in accordance with ODOT Item 446. The agency performing the testing must have a current level I Bituminous Concrete approval from ODOT.
5. Provide compaction ranging from 90 to 97.9% of the average Maximum Specific Gravity for Surface Course and 90 to 96.9% for Intermediate Course. Remove and replace material placed outside of said ranges. Provide replacement pavement and quality assurance testing at no additional cost to the Owner.



DETAIL

HEAVY DUTY ASPHALT PAVEMENT

N.T.S.

**ITEM #5
SHORES PARK
PAVEMENT
REPLACEMENT**

Crack Seal any new
joints created by work

Mill & Overlay 1.5"

Crack Seal any new
joints created by work

General Notes:
1. Pavement to be meet existing grade.
2. Ensure adequate drainage to nearest structure.
3. Ensure that joints do not allow for water seepage to occur.



**ITEM #5
ACCESS PLAN**



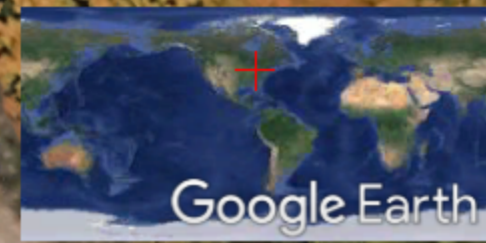
General Notes:

1. Pavement to be meet existing grade. If grade needs to be raised, contractor to install #304 shoulders at no-cost to CZA.
2. Ensure adequate drainage.
3. Ensure that joints do not allow for water seepage to occur.

**ITEM #6
NORTH BOARDWALK
PAVEMENT REPLACEMENT**

Full Depth Repair

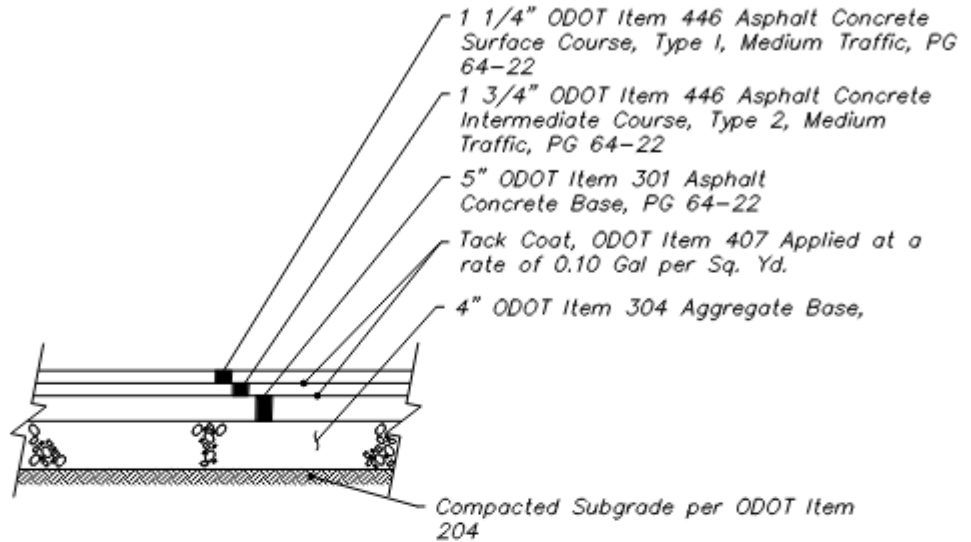
Mill & Overlay 1.5"



**ITEM #6
ACCESS PLAN**



ITEM #6
NORTH BOARDWALL FULL DEPTH
REPLACEMENT Detail



NOTES:

1. Compose hot mix asphalt mixture with aggregate and asphalt binder meeting ODOT requirements.
2. Submit an approved Job Mix Formula including mix type proposed for use, aggregate source, type, and gradation, percent of asphalt binder, and unit weight of the mixture.
3. Obtain Job Mix Formula approval by providing a previously ODOT approved formula.
4. Provide quality assurance testing in accordance with ODOT Item 446. The agency performing the testing must have a current level I Bituminous Concrete approval from ODOT.
5. Provide compaction ranging from 90 to 97.9% of the average Maximum Specific Gravity for Surface Course and 90 to 96.9% for Intermediate Course. Remove and replace material placed outside of said ranges. Provide replacement pavement and quality assurance testing at no additional cost to the Owner.



DETAIL

HEAVY DUTY ASPHALT PAVEMENT

N.T.S.

GENERAL NOTES:

- UNLESS SPECIFIED, ALL WORK TO BE DONE AT EXISTING GRADE. PRICING TO INCLUDE ANY EXCAVATION AND DISPOSAL OF MATERIAL AS APART OF THE WORK. IF CONTRACTOR DOES NOT FOLLOW THIS DIRECTIVE, CONTRACTOR MUST PROVIDE #304 SHOULDER AT NO COST TO CZA.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING OUPS PRIOR TO START FOR ANY AND ALL WORK. CZA WILL MARK ANY PRIVATE UTILITIES.
- ANY SAWCUTTING OR DEMOLITION MUST BE COMPLETED IN A MANNER AS TO NOT DISTURB OR CRACK ANY SURROUNDING ASPHALT/CONCRETE. IF DISTURBED, CONTRACTOR TO REPLACE ASPHALT AT NO COST TO CZA.
- AS MENTIONED ON PLANS, ANY NEW JOINTS MUST BE CRACK SEALED.
- WORK HOURS FOR SPECIFIC ITEMS ARE MENTIONED IN RFP SUPPLIED IN BID. PLEASE REFERENCE RFP IN REGARD TO SPECIFIC WORK HOURS BY WORK AREA.
- CZA HOURS ARE FROM 9AM TO 6PM DURING SUMMER. IF WORK IN PUBLIC AREA IS UNABLE TO BE COMPLETED OVERNIGHT, AND MUST BE SPLIT INTO MULTIPLE DAYS, CONTRACTOR IS RESPONSIBLE FOR ENSURING PATH IS PASSABLE BY GUESTS THE NEXT DAY. I.E., NO TRIP HAZARDS, POT HOLES, UNEVEN SURFACES NOT SUITABLE FOR GUEST TRAFFIC. CONTRACTOR TO ALSO PROVIDE TEMPORARY STANCHIONS OR BARRIERS TO SECTION OFF WORK FROM PUBLIC.
- IF WORK IS IN GRASSY AREA, ANY AREA DISTURBED MUST BE SEEDED AND STRAWED. CONTRACTOR IS RESPONSIBLE FOR ANY EROSION & SEDIMENT CONTROL, CONCRETE WASHOUT, CLEANUP OF SPOILS ETC.
- ANY SAWCUTS MUST BE COMMUNICATED AHEAD OF TIME AS PART OF SCHEDULING FOR PROJECT.
- ANY AREAS TO BE MILLED & OVERLAYED MUST BE PER ODOT 254 - (PAVEMENT PLANING, ASPHALT CONCRETE T=1.5"). TACK COAT MUST BE APPLIED TO MILLED SURFACE PER ODOT 407 (.09 GAL/YD²). OVERLAY TO BE PERFORMED PER ODOT 441. (ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG-64-22, T=1.5").
- AFTER COMPLETION OF EACH INDIVIDUAL WORK ITEM, CONTRACTOR TO CLEAN WORK AREA AND SURROUNDING WORK AREA AFFECTED BY WORK. CLEANING INCLUDES TIRE TRACKS, GRAVEL OR LEFTOVER EXCAVATION MATERIAL, MILLINGS, AS WELL AS MUD. CONTRACTOR MUST PROPERLY CLEAN UP SAWCUT SLURRY AND **ENSURE IT DOES NOT DRAIN INTO ANY DRAINAGE STRUCTURES.**
- IF ROOTS ARE ENCOUNTERED DURING DEMO ACTIVITIES. CONTRACTOR TO REMOVE TO ENSURE ROOTS WILL NOT COME UP THROUGH CONCRETE/ASPHALT.